Cont

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER, 1894.

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 1st December, 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 ...	29.79	18	N	2	b	29.80	+.59	16	16	?	NE	0	0	*	b	*	32	?	-
	Hernosand ...	29.82	36	NW	4	b	29.85	+.62	33	31	- 5	S	2	S	*	b	*	41	32	0.04
	Stockholm ...	29.87	37	NW	4	o	30.04	+.85	31	28	- 8	W	2	b	*	o	*	46	?	-
	Wisby	29.81	41	N	8	c	30.09	+.75	37	34	- 6	N	6	b	*	c	*	45	?	-
	Bodo	29.77	37	NNW	5	o	29.61	+.24	42	39	+ 2	NNW	5	c	3	o	*	42	82	0.20
	Christiansund ...	30.05	38	NW	5	r	30.04	+.07	46	44	+ 10	NNW	8	r	7	r	*	46	36	0.12
	Skudesnaes ...	30.31	40	E	0	bc	30.28	+.15	42	41	+ 4	E	0	d	2	c.bc	*	42	37	?
	Færder (Christiania Fjord)	30.13	40	W	3	b	30.07	+.87	41	38	- 3	NNW	3	b	1	b	*	45	39	-
	Skagen (The Scaw)	30.08	38	N	4	b	30.13	+.38	39	38	- 5	NW	1	b	0	b	*	45	36	-
	Fano	30.21	37	N	4	b	30.26	+.31	43	42	0	NW	2	bc	*	b	*	45	36	-
	Sumburgh Head	30.23	48	W	2	o	30.13	-.18	48	45	+ 6	W	4	o	4	o	*	49	42	-
	Stornoway ...	30.40	48	W	2	bc	30.33	-.09	48	46	+ 4	NNW	3	o	3	c.bc	0.0	48	43	-
	Wick	30.37	42	NW	2	bc	30.34	-.05	39	38	- 4	NW	2	b	1	bc	*	46	36	-
	Nairn	30.40	45	W	1	b	30.34	-.06	43	41	- 1	SW	1	b	1	b	*	50	41	-
	Aberdeen ...	30.44	40	SW	1	b w	30.41	-.05	32	31	- 11	NNW	1	b c m	3	c.bw	2.4	48	32	-
	Leith	30.48	43	NNW	2	b	30.42	-.07	43	41	+ 2	NNW	3	bc	*	b	*	47	39	-
	Shields	30.51	42	W	2	b	30.46	.00	40	40	+ 3	NNW	3	c	2	b.bw	*	47	35	-
	Spurn Head ...	30.47	45	NW	4	o	30.46	+.02	40	39	- 2	NNW	3	bmw	3	q.b	*	45	38	-
	York	30.54	41	N	1	b	30.49	-.02	31	31	- 3	E	0	f	*	b	*	47	30	-
	Loughborough ...	30.53	33	NNW	1	b	30.53	+.03	28	28	+ 1	ESE	1	f	*	bm.f	*	47	25	-
British Isles.	Ardrossan ...	30.53	48	NNW	2	o	30.47	-.07	46	44	+ 1	NNW	2	b	2	c.o	*	48	42	-
	Malin Head ...	30.54	47	W	2	o	30.46	-.07	39	38	- 8	S	2	b	2	o	*	47	39	-
	Belmullet ...	30.58	40	ESE	1	b	30.47	-.13	41	40	+ 3	SW	3	b	*	b	*	50	38	0.01
	Donaghadee ...	30.57	46	N	2	c	30.52	-.02	36	36	- 12	W	3	b	1	c	*	49	33	-
	Liverpool (Bidston)	30.56	43	NW	1	b	30.57†	+.02	40	39	- 2	E	0	f	?	f	*	45	38	-
	Holyhead ...	30.55	44	NE	1	bc	30.52	-.01	45	43	- 3	E	1	of	0	b.bc	*	49	43	-
	Parsonstown ...	30.60	35	E	0	b	30.51	-.08	29	29	+ 1	E	0	b	*	b.f	4.9	41	27	-
	Valencia ...	30.55	38	E	1	b	30.47	-.09	35	34	- 1	ENE	1	b	2	b	6.3	50	32	-
	Roche's Point ..	30.56	46	E	2	c	30.48	-.07	48	46	+ 9	SSE	1	b	2	c	*	50	38	-
	Pembroke (St. Ann's Hd.)	30.52	43	ENE	2	b	? 30.52	+.01	39	39	- 3	E	1	b	0	b	5.9	47	39	-
	Scilly	30.45	49	ENE	4	b	30.43	.00	48	46	- 1	E	4	bc	3	b	6.8	52	45	-
	Prawle Point ...	30.48	48	N	4	m	30.48	+.02	42	40	+ 2	NE	3	qm	2	m	*	51	38	-
	Jersey (St. Aubin's)	30.46	48	ENE	4	bm	30.46	+.05	48	45	- 3	ENE	2	om	2	bc.bm	*	52	45	-
	Hurst Castle ...	30.50	41	NNE	1	bm	30.51	+.05	37	36	- 2	NNE	1	bm	1	b.bm	*	48	35	-
	Dungeness ...	30.44	40	N	3	m	30.45	+.03	42	41	+ 2	N	3	c	2	m	*	47	38	-
	North Foreland	30.45	45	N	5	b	30.50	+.07	46	44	+ 1	N	4	c	3	b	*	47	43	-
	London (Brixton) ...	30.50	45	NNE	1	bm	30.52	+.04	39	32	- 6	SW	1	bf	*	bf.f.bv	0.1	49	32	-
	Oxford	30.55	35	N	1	b	30.54	+.02	29	29	- 4	W	1	f	*	b.f	*	48	28	-
	Cambridge ...	30.51	42	N	2	o	30.54	+.04	29	?	- 4	NW	1	b	*	bc.o	4.0	46	28	-
	Yarmouth ...	30.44	46	N	3	bc	30.47	+.02	43	42	- 2	NNW	2	f	3	c.q.bc	*	48	38	-
Germany & Holland.	Cuxhaven ...	30.15	40	NW	6	o	30.33	+.27	40	39	- 4	NW	2	bc	*	o	*	44	39	-
	Berlin	30.06	36	NNW	3	b	30.25	+.30	31	30	- 8	NW	3	b	*	b	*	43	30	-
	Wiesbaden ...	*	*	*	*	*	30.37	+.09	38	37	+ 1	NW	1	bc	*	*	*	41	34	-
	Munich	30.22	32	SW	4	o	30.32	+.09	28	28	+ 1	W	3	c	*	o	*	32	27	0.12
	The Helder ...	? 30.36	46	N	5	bc	? 30.46	+.14	46	45	0	N	3	c	3	bc	*	46	45	-
Belgium.	Brussels ...	*	*	*	*	*	30.45	+.09	41	39	+ 5	NNW	1	o	*	o	*	46	36	-
	Cape Gris Nez ...																*			
	Paris	30.39	39	N	1	b	30.42	+.05	33	33	+ 1	NNE	2	c	*	b	*	41	31	-
	Brest	?	49	ESE	1	b	?	?	46	44	- 3	ENE	2	o	1	b	*	34	41	-
	Lorient	30.37	48	NE	5	c	30.38	+.04	43	41	- 3	NE	5	b	2	c	*	52	39	-
France &	Rochefort ...	30.29	39	ENE	6	m	30.26	-.03	37	35	+ 2	E	4	b	*	c.m	*	41	34	-
	Belfort	?	33	E	1	m	?	?	31	30		NE	3	c	*	m	*	38	29	-
	Lyons	30.28	34	NW	1	o	30.26	-.03	33	30	+ 3	NNW	4	b	*	o	*	35	30	-
	Nice	29.88	46	NE	4	c	29.91	-.13	49	38	+ 7	SE	1	b	3	o	*	52	43	-
	Perpignan ...	30.05	42	NW	3	b	30.01	-.12	42	38	0	NW	3	b	*	b	*	50	40	-
	Biarritz ...	30.14	41	E	3	o	30.12	.00	37	36	- 2	E	2	o	2	o	*	45	86	-
Penin-sula.	Corunna ...																*			
	Lisbon	29.90	52	NE	5	c	29.78	-.09	42	39	- 9	NE	6	b	*	c.	*	57	43	-
	Azores (P. Delgada)	29.91	55	NNE	4	bc	29.76	-.27	55	54	- 2	N	5	r	3	bc	*	61	52	0.20

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

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

WEATHER CHARTS

FOR *Saturday 1st December,* 1894.

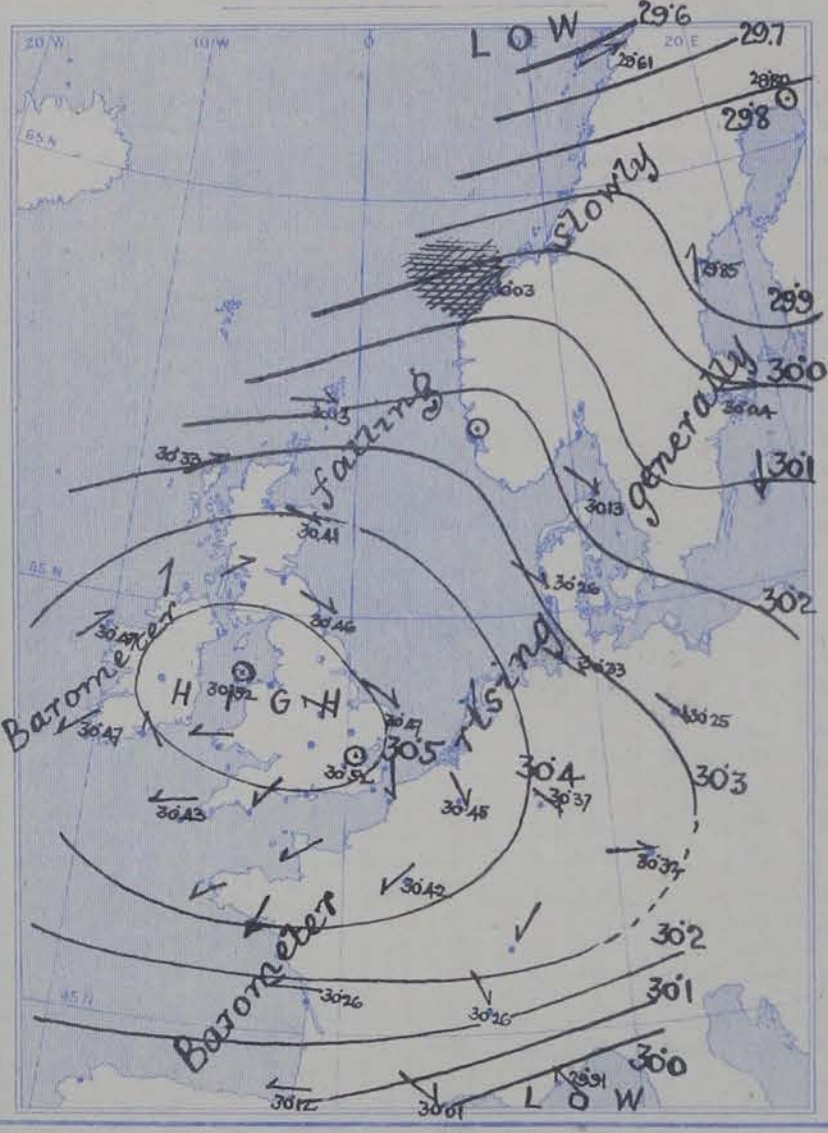
BAROMETER, WIND AND SEA.

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* ▓

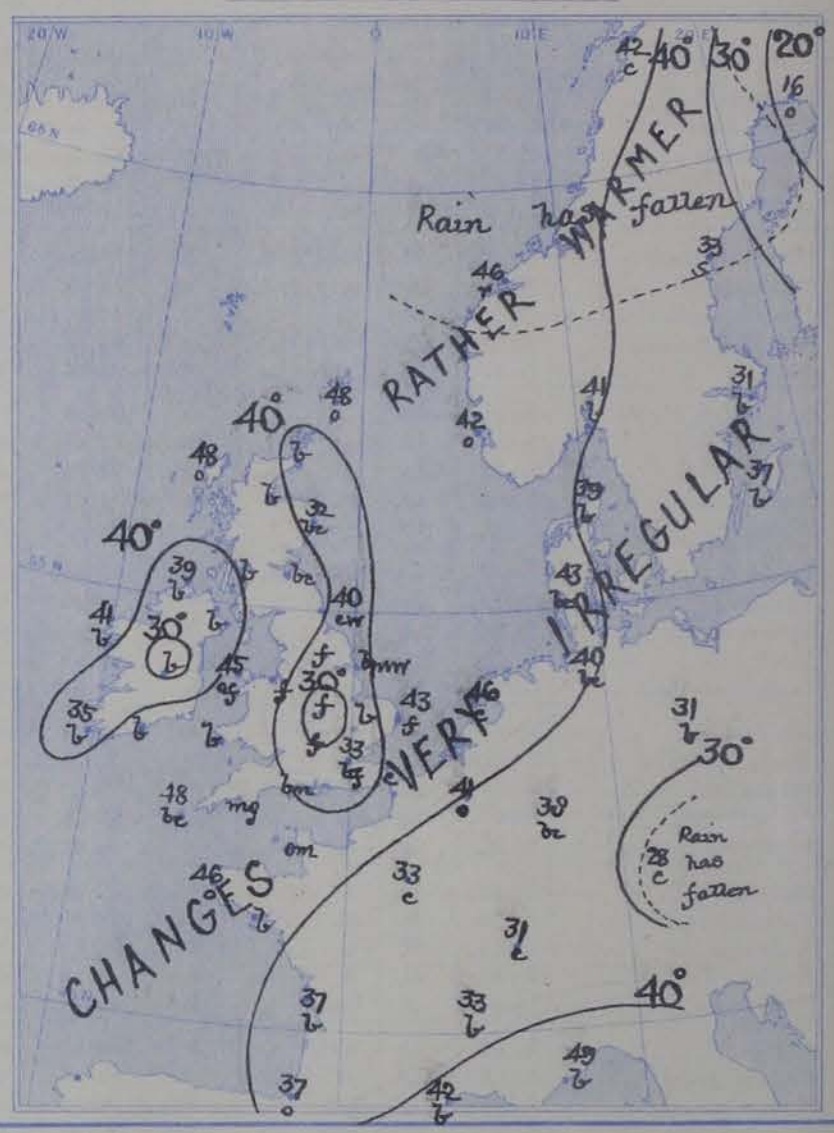


TEMPERATURE & WEATHER.

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 DECEMBER.*

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14		
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	42·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·9	38·2	3·70	—	—
Jersey	29·985	45·1	44·4	47·3	39·3	3·82	57·1	29
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·6	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest, 30·5 ins: and more to 30·3 ins: in a well marked anticyclone lying immediately over the British Islands and having its centre over Wales.
Lowest, 29·7 ins: and less over Finmark, and about 29·9 ins: over the Gulf of Genoa.
Gradients very slight and variable over our Islands, rather sharp for W. winds over Lapland and for E. winds over the Riviera.
Barometer rising at the most eastern stations, but beginning to fall in the west and northwest.

TEMPERATURE — Highest, (1) 49° at Nice; (2) 48° at Stornoway and Lumburgh Head, 46° at Christiansund.
Lowest, (1) 16° at Haparanda, 31° at Stockholm; (2) 28° at Munich, 31° at Berlin and Belfast; (3) 28° to 29° over Central England, 29° at Parsonstown.
There was a very sharp frost on the grass over our inland counties early this morning.

WIND — W. and SW. at the most northern stations, and blowing a gale at Christiansund, though moderate elsewhere.
NW. light over the North Sea, NE. to E. and moderate at the southern stations, and SW. to S. on our northwestern coasts.
The SW. wind is apparently freshening in the northwest.

WEATHER — Fine and bright at our northern stations generally, very foggy over England, hazy over the Channel, clear in the west of France. At Stornoway the sky has become overcast.

SEA — High at Bodö, moderate at Lumburgh Head, but smooth or nearly so on our coasts as a whole.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone is moving eastwards, and S. to SW. breezes seem likely to spread slowly over us (very temporarily) from the westward

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
↓ 0 SCOTLAND NORTH	SW. winds, strong, perhaps a gale; rainy, mild.	↓ 6 SCOTLAND WEST	Same as No. 0.
1 SCOTLAND EAST	Wind backing to SW. and S; fine and warmer then less fair.	7 ENGLAND N.W.	S. breezes; fine at first; some showers later.
2 ENGLAND N.E.		8 ENGLAND S.W.	E. and SE. winds, freshening; fair.
3 ENGLAND EAST	Calms and thick fogs; frosty tonight.	↓ 9 IRELAND NORTH	SE. and S. winds; fine to showery and squally.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	"At 10·30 am to districts 0. 6. and 9 Hoist South Cone".

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	? 30·21	40	35	NNW	8	c	5	Valencia	30·54	50	45	W	0	b	1
Sumburgh Head	30·25	47	46	W	2	0	3	Scilly	30·45	51	48	ENE	4	b	3
Stornoway	30·41	48	47	W	2	c	2	Jersey	30·42	52	48	E	4	bc	3
Aberdeen	30·45	47	44	NW	1	c	1	Hurst Castle ...	30·46	48	45	NNE	3	b	2
Shields	30·48	46	43	W	3	b	2	Dungeness ...	30·41	47	44	N	3	b	2
Ardrossan	30·52	48	46	NNW	3	c	2	North Foreland	30·43	47	45	N	5	b	5
Malin Head ...	30·54	47	45	W	2	0	2	London (Westminster)	30·46	46	41	N	2	bf	*
Belmullet	30·59	50	46	SSE	2	b	*	Yarmouth ...	? 30·45	48	45	N	4	cg	4
Holyhead	30·53	49	45	NE	2	b	1	Rochefort ...	30·30	40	37	NE	4	c	*

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

Weather in morning fine over the United Kingdom, and in most places clear and bright; cloudy or overcast in almost all other countries, with rain at Skudesnaes and also at San Fernando and Algiers, snow at Breslau and Moscow. Some rain later at the Norwegian stations and in South Germany, and a good deal of fog and haze over the United Kingdom.

Temperature in morning highest 63° at Malta, 61° at Algiers, 51° at Corunna, 49° at Scilly, 48° at Holyhead. Lowest, (1) 24° at Archangel, 29° at Ulleaborg, 34° at St Petersburg; (2) 26° at Kharkov, 27° at Odessa and Nicolaieff, 29° at Hermannstadt; (3) 27° at Loughborough, 28° at Queenstown, 30° at Lyons, 32° at Paris. Rising to 50° and more on our southwest coasts later, but sharp frost occurring at our inland stations in night.

Wind (1) light to moderate and anticyclonic over our Islands – W. in Scotland, NW. to N. over England, NE. to E. over the Channel and Bay of Biscay; (2) strong to a gale and cyclonic over Scandinavia and the Baltic – NW. at the Norwegian and Swedish stations, W. over north Germany, SW. at Moscow; (3) E. to N. over Southern Europe generally. S. airs appearing over the west of Ireland later.

Barometer highest 30·6 in. to 30·2 in. in the eastern part of an anticyclone spreading over the British Islands and their neighbourhood from the Atlantic. Lowest (1) 29·1 in. and less, in a large depression having its central area over Finland and the north of Russia; (2) 30·0 in. to 29·9 in. and less, over the southern half of the Mediterranean, and in a depression lying off the southwest of Spain. Little change over our Islands later, but rising fast 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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BRITISH ISLES. FRANCE & BELGIUM. GERMANY & HOLLAND. PENINSULA.

DAILY WEATHER REPORT

for 8 a.m. on Sunday 2nd December, 1894.

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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 ...	29·58	31	S	2	s	29·34	—·46	41	39	+ 25	WSW	8	b	*	s	*	?	10	0·12
	Hernösand ...	29·88	43	SW	4	c	29·84	—·01	39	?	+ 6	SW	4	b	*	c	*	45	30	—
	Stockholm ...	30·07	?	W	2	o	30·09	+ ·05	34	32	+ 3	WSW	2	c	*	o	*	41	27	—
	Wisby	30·12	42	N	4	b	30·17	+ ·08	40	39	+ 3	NW	4	bc	*	b	*	43	36	—
	Bodo	29·46	40	SW	8	r	29·69	+ ·08	41	35	— 1	WNW	8	o	5	r	*	43	34	0·43
	Christiansund ...	30·06	46	WSW	8	o	30·07	+ ·03	48	46	+ 2	WSW	9	r	6	o	*	50	45	—
	Skudesnaes ...	30·22	45	WNW	4	c	30·32	+ ·04	46	45	+ 4	WNW	2	o	3	o,c	*	46	42	?
	Færder (Christiania Fjord)	30·14	42	SSW	2	b	30·18	+ ·11	39	38	— 2	Z	0	b	1	b	*	?	39	—
	Skagen (The Scaw)	30·18	39	WNW	1	b	30·20	+ ·07	41	40	+ 2	NW	1	b	0	b	*	45	37	—
	Fano	30·34	43	NNW	4	b	30·36	+ ·10	43	42	0	NW	3	c	*	b	*	46	43	—
	Sumburgh Head	30·29	49	W	3	o	30·20	+ ·07	47	46	— 1	W	3	o	4	o	*	49	42	003
	Stornoway ...	30·30	49	WSW	2	o	30·22	—·11	48	46	0	SSW	4	c	3	o	00	49	46	—
	Wick	30·33	43	NW	3	bc	30·26	—·08	42	40	+ 3	NW	2	bc	1	bc	*	47	37	—
	Nairn	30·35	44	Z	0	c	30·28	—·09	35	34	— 8	Z	0	b	1	c	*	49	33	—
	Aberdeen ...	30·41	34	WNW	1	b	30·35	—·06	28	27	— 4	WNW	1	bm	1	bm	3·9	40	27	—
	Leith	30·43	44	WSW	1	bc	30·39	— ·03	40	39	— 3	SW	1	om	*	bc	*	46	39	—
	Shields	30·43	42	W	3	b	30·41	— ·05	33	32	— 7	SSW	1	om	2	b	*	47	31	—
	Spurn Head ...	30·43	42	WSW	2	bm	30·44	— ·02	31	31	— 9	SW	1	f	3	bm	*	45	31	—
	York	30·48	37	NW	1	b	30·44	— ·05	29	29	— 2	S	1	f	*	b	*	39	26	—
	Loughborough ...	30·48	31	NW	1	f	30·45	— ·08	35	35	+ 7	W	1	ogm	*	f, mist	*	36	28	0·02
British Islands.	Ardrossan ...	30·44	47	S	2	o	30·37	— ·10	44	43	— 2	ESE	3	cm	2	o	*	49	43	—
	Malin Head ...	30·40	40	S	2	b	30·28	— ·18	39	38	0	SSE	3	b	2	b	*	46	35	—
	Belmullet ...	30·32	41	E	2	b	30·26	— ·21	37	36	— 4	SE	1	b	*	bc,b	*	49	34	001
	Donaghadee ...	30·48	42	WSW	3	bc	30·31	— ·21	44	44	+ 8	SSW	3	c	1	bc	*	44	29	—
	Liverpool (Bidston)	30·49	45	Z	0	o	30·41	— ·13	37	37	— 3	ESE	3	m	?	o	*	46	37	001
	Holyhead ...	30·47	45	Z	0	bc	30·37	— ·15	40	39	— 5	Z	0	ofg	0	ogm,bc	*	47	38	—
	Parsonstown ...	30·44	38	Z	0	b	30·28	— ·23	42	40	+ 13	SE	2	b	*	b	4·8	45	27	003
	Valencia ...	30·38	35	ESE	2	b	30·17	— ·30	48	45	+ 13	ESE	4	b	3	bc,b	5·9	50	33	—
	Roche's Point ...	30·43	48	SE	3	b	30·26	— ·22	50	48	+ 2	SSE	5	c	4	b	*	50	45	—
	Pembroke (St. Ann's Hd.)	30·44	42	E	2	b	30·32	— ·20	45	44	+ 6	SE	4	og	3	b	5·5	46	38	—
	Scilly	30·34	50	E	6	c	30·19	— ·24	49	46	+ 1	E	7	cm	5	c	0·0	51	46	—
	Prawle Point ...	30·40	48	NE	5	c	30·33	— ·15	47	45	+ 5	ENE	6	o	5	c	*	49	40	—
	Jersey (St. Aubin's)	30·41	47	E	5	b	30·31	— ·15	42	40	— 6	E	5	bm	4	b	*	51	41	—
	Hurst Castle ...	30·44	42	NE	2	b	30·39	— ·12	45	42	+ 8	ENE	2	og	2	b	*	49	37	—
	Dungeness ...	30·45	46	NNE	2	c	30·41	— ·04	46	43	+ 4	ESE	3	o	2	c	*	48	42	—
	North Foreland	30·48	46	N	2	bc	30·43	— ·07	48	44	+ 2	ESE	2	c	3	bc	*	48	43	—
	London (Brixton) ...	30·49	34	Z	0	fg	30·44	— ·08	34	34	+ 1	ENE	2	og	*	fg,bf	0·0	36	30	—
	Oxford	30·49	36	Z	0	f	30·45	— ·09	33	33	+ 4	ENE	1	of	*	f	*	37	29	0·01
	Cambridge ...	30·50	38	W	1	f	30·47	— ·07	32	32	+ 3	SW	1	f	*	b,f	4·0	46	28	—
	Yarmouth ...	30·45	43	WNW	2	fb	30·44	— ·03	28	28	— 15	WNW	2	bf	3	bf	*	47	27	—
Germany & Holland.	Cuxhaven ...	30·33	41	NW	2	bc	30·44	+ ·11	41	41	+ 1	WNW	2	b	*	bc	*	42	39	—
	Berlin	30·34	34	ENE	3	o	30·43	+ ·18	37	36	+ 6	SW	2	f	*	o	*	39	31	—
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich	30·39	28	Z	0	b	30·44	+ ·12	18	17	— 10	E	3	b	*	b	*	34	18	—
	The Helder ...	29·45	46	N	1	c	30·46	·00	43	42	— 3	SSW	1	c	1	c	*	48	43	—
Belgium.	Brussels ...	*	*	*	*	*	30·45	·00	41	41	0	NE	1	f	*	o	*	48	44	—
	Cape Gris Nez ...	30·43	45	ESE	1	m	30·38		45	43		E	1	o	1	m	*	48	39	—
	Paris	30·43	38	NE	1	b	30·37	— ·05	30	30	— 3	NE	2	b	*	b	*	46	28	—
	Brest	30·33	45	ESE	3	b	?	?	42	40	— 4	ESE	4	b	3	b	*	54	39	—
	Lorient	30·28	45	ENE	6	b	30·18	—·20	39	36	— 4	E	6	b	2	b	*	50	36	—
France &	Rochefort ...	30·21	40	ENE	5	b	30·16	— ·10	34	32	— 3	E	5	b	*	b	*	46	30	—
	Belfort														*		*			
	Lyons ...	30·26	35	N	1	b	30·28	+ ·02	29	26	— 4	NW	1	b	*	b	*	40	27	—
	Nice	30·14	47	E	2	b	30·13	+ ·22	41	35	— 8	Z	0	b	4	b	*	54	37	—
	Perpignan ...	30·16	37	SE	1	b	30·14	+ ·13	31	30	— 11	SW	1	b	*	b	*	54	30	—
	Biarritz ...	30·04	39	E	2	b	29·98	— ·14	30	28	— 7	E	5	m	2	b	*	46	28	—
Penin-sula.	Corunna ...																*			
	Lisbon	29·69	56	SE	4	r	29·78	·00	56	55	+ 14	ESE	4	o	*	r	*	57	?	039
	Azores (P. Delgada)	29·75	58	NE	5	bc	29·82	+ ·06	57	55	+ 2	NNE	3	o	2	bc	*	61	55	076

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. 2ND DEC: 1894.

BAROMETER, WIND AND SEA.

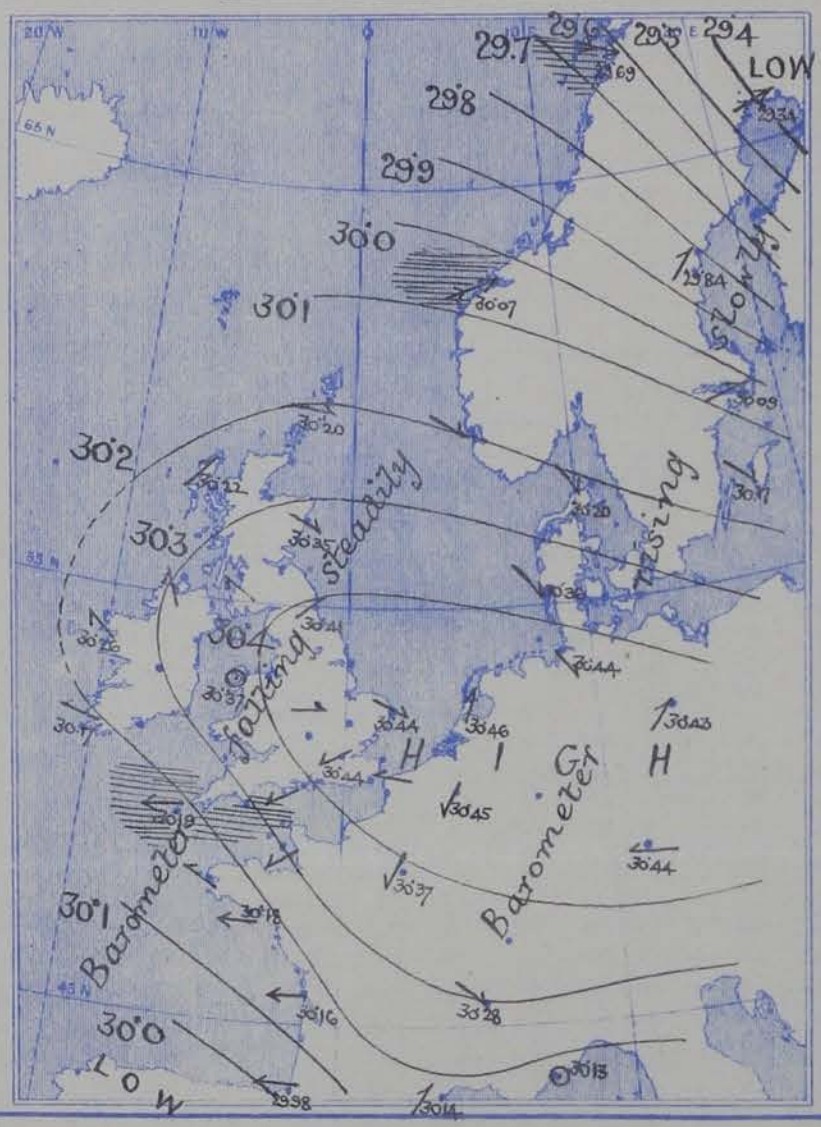
BAROMETER—Isobars are drawn for each tenth of an inch.

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* ▬

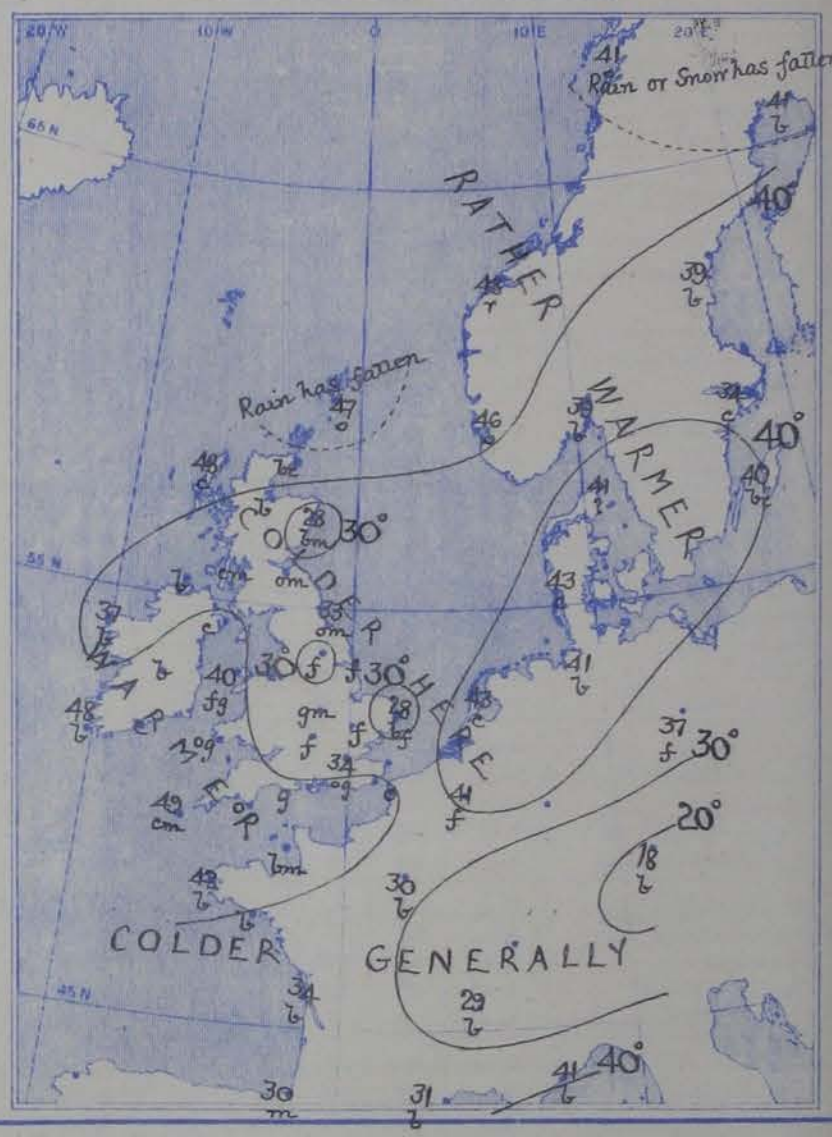


TEMPERATURE & WEATHER.

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 DECEMBER.*

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·0	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·9	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 in: and more over the Netherlands, the greater part of England, and exceeding 30·2 in: over nearly the whole of the British Isles, France & Germany.
Lowest, 29·4 in: and less, over the extreme northern parts of Europe, and 29·7 in: and less over Sicily, Malta, and the neighbouring parts of the Mediterranean.
Gradients slight within the northern high pressure area, moderate over southern Europe, steep in the north.
Barometer falling generally, most in the southwest and west.

TEMPERATURE

Highest, 56° at Lisbon, 48° to 50° at our extreme southwestern stations, 48° to 46° in the west of Norway.
Lowest, (1) 18° at Munich, 30° at Paris. (2) 29° at York, 32° at Cambridge, 33° at Oxford.
Maxima of 50° or slightly more were recorded at some of our western and southwestern stations yesterday; in London the maximum was only 36°, at Munich 34°.

WIND

Fresh to strong from the E.ly at the southwestern stations, light in the south; Moderate SE. in Ireland; SW. to W. and variable over Scotland; Blowing a strong gale from the W.ly over the northern half of Norway, and at the northern extremity of the Gulf of Bothnia.

WEATHER

Clear in many parts of France and Ireland, foggy over England and Belgium, dull and raining in the west of Norway, clear in Sweden.
Rain has fallen over Lapland, and some traces over the northern parts of our Islands.

SEA

Rough on the Norwegian coast, moderate at Lerwick and also at Brest, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 3rd Decr. 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	The S. Cone is still flying in districts 0.6+9

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to 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 ...	? 30·32	45	45	W	0	o	2
Sumburgh Head	30·21	49	46	W	3	o	4
Stornoway	30·31	49	47	W	3	o	3
Aberdeen	30·39	39	37	NW	1	bm	1
Shields	30·41	46	44	W	3	b	2
Ardrossan	30·45	47	46	SW	2	bc	2
Malin Head ...	30·42	46	43	S	2	b	2
Belmullet	30·43	49	46	SW	2	bc	#
Holyhead	30·50	47	44	S	1	ogm	o

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·41	50	46	ESE	2	bc	3
Scilly	30·40	49	47	E	5	c	3
Jersey	30·43	50	46	E	5	c	4
Hurst Castle ...							
Dungeness ...	30·45	47	45	NNE	2	c	2
North Foreland	30·47	48	46	N	3	bc	3
London (Westminster)	30·49	41	39	E	0	fg.	#
Yarmouth ...	30·46	47	45	NNW	1	bf	3
Rochefort ...	30·21	45	40	ENE	6	b	#

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

Weather in morning fine over Algeria, as well as on the coasts of Portugal, the south of England, Ireland, Scotland, and at several stations in Denmark and North Germany, very foggy over the inland parts of England, overcast and somewhat unsettled in Russia, rain falling at Christiansund, snow at Hernaentadt. A good deal of rain over Algeria and Tunis later, and a very heavy fall at Brindisi.

Temperature fallen decidedly over the United Kingdom, and low over our inland counties as a whole. Highest 61° (locally) at Palermo, and exceeding 50° on the southern side of the Mediterranean and at Coruna only; 48° at Jersey, Scilly, Stornoway, and Sumburgh Head, 46° at Christiansund. Lowest 7° F. at Uleaborg, 16° at Haparanda, 19° at Archangel; (2) 28° at Hernaentadt, 29° at Nicolaieff, 31° at Charkov; (3) 28° at Loughborough, 29° at Oxford and Parsonstown. Rising to more than 50° on our southwestern coasts later — not touching 40° in London and at Paris.

Wind W^l over Scotland and Norway, and blowing a gale at Christiansund, NW^l over the Baltic and Germany, W^l light over central Russia, N^l to E^l over the south of England, the Channel and Bay of Biscay, SE^l to S^W in Ireland. The E^l wind freshening over the Bay of Biscay later, and the W^l gale spreading over the northern part of Norway.

Barometer highest 30·5 ins. and more over the greater part of England, Wales, and the west of Ireland, and exceeding 30·2 ins. over the whole of the British Islands, the North Sea, the greater part of France and western Germany. Lowest below 29·7 ins. over Finmark and Lapland, and below 29·8 ins. over Sicily, Sardinia and the south of Italy. Depression in this latter region and that over northern Europe both growing deeper later. Further disturbances approaching the Bay of Biscay from the Atlantic.

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 Monday 3rd December, 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 ...	29·72	31	NW	2	b	29·84	+ ·50	20	19	— 21	Z	0	0	*	b	*	41	?	—
	Hernösand ...	29·97	43	SW	2	b	29·99	+ ·15	43	39	+ 4	Z	0	b	*	b	*	50	39	—
	Stockholm ...	30·17	34	Z	0	b	30·18	+ ·09	33	33	— 1	W	2	f	*	b	*	39	30	—
	Wisby	30·26	41	NW	4	b	30·26	+ ·09	39	37	— 1	NW	4	c	*	b	*	43	36	—
	Bodö	29·73	35	Z	0	0	29·84	+ ·15	36	34	— 5	WSW	6	r	4	0	*	41	32	0·24
	Christiansund ...	30·08	47	WSW	9	0	30·10	+ ·03	46	44	— 2	WSW	7	r	8	0	*	48	45	0·08
	Skudesnaes ...	? 29·93	45	Z	0	c	? 30·26	— ·06	42	42	— 4	E	2	f	1	c	*	47	37	?
	Færder (Christiania Fjord)	30·21	42	WSW	2	b	30·24	+ ·06	36	36	— 3	SSW	2	f	1	b	*	43	36	—
	Skagen (The Scaw)	30·25	38	W	1	b	30·23	+ ·03	39	38	— 2	NW	1	b	0	b	*	43	36	—
	Fanö	30·37	46	W	1	0	30·32	— ·04	44	43	+ 1	SSW	2	0	*	0	*	46	43	—
British Islands.	Sumburgh Head	30·19	45	W	2	c	30·04	— ·16	45	44	— 2	S	3	0	3	c	*	49	40	—
	Stornoway ...	30·17	47	WSW	2	c	29·98	— ·24	45	44	— 3	Z	0	bw	0	b,c,v	1·1	48	36	—
	Wick	30·24	37	W	1	b	30·03	— ·23	39	37	— 3	W	1	b	1	b	*	47	31	—
	Nairn	30·21	32	Z	0	b	30·02	— ·26	26	26	— 9	Z	0	b	0	b	*	45	24	—
	Aberdeen ...	30·26	32	WSW	1	bm	30·11	— ·24	41	40	+ 13	S	2	ogm	2	bm,f	2·5	41	27	0·03
	Leith	30·31	40	SW	1	0	30·10	— ·29	37	37	— 3	ESE	1	f	*	om,f	*	41	31	—
	Shields	30·31	33	Z	0	f	30·16	— ·25	40	39	+ 7	S	3	c	2	f	*	40	28	—
	Spurn Head ...	30·35	36	S	2	f	30·17	— ·27	44	42	+ 13	SE	4	0	4	f	*	46	30	—
	York	30·38	32	X	0	f	30·19	— ·25	42	41	+ 13	SSE	1	0	*	f	*	42	29	—
	Loughborough ...	30·36	40	SE	1	0	30·18	— ·27	40	39	+ 5	ESE	2	ogm	*	f,omg	*	41	35	—
	Ardrossan ...	30·27	40	NE	2	bmw	30·09	— ·28	32	32	— 12	NE	1	bf	1	bmw	*	45	32	—
	Malin Head ...	30·19	41	SSE	2	bm	29·98	— ·30	42	40	+ 3	SSE	4	bm	2	bm	*	45	39	—
	Belmullet ...	30·12	41	SE	1	b	29·89	— ·37	43	42	+ 6	ESE	3	b	*	b	*	46	36	0·01
	Donaghadee ...	30·20	45	SSW	4	c	30·07	— ·24	44	43	0	SSW	5	c	3	c	*	46	41	—
	Liverpool (Bidston)	30·29	39	ESE	4	b	30·11	— ·30	39	38	+ 2	ESE	4	0	4	b	*	41	36	—
	Holyhead ...	30·24	42	Z	0	b	30·06	— ·31	35	34	— 5	E	1	cf	0	b	*	45	34	—
	Parsonstown ...	30·16	45	SE	2	0	29·97	— ·31	44	42	+ 2	SE	2	c	*	0	3·6	46	41	—
	Valencia ...	30·02	50	ESE	7	b	29·86	— ·31	49	46	+ 1	ESE	5	cq	4	b	6·4	53	47	—
	Roche's Point ..	30·13	50	SE	5	c	29·97	— ·29	50	48	0	SSE	5	c	4	c	*	51	48	—
	Pembroke (St. Ann's Hd.)	30·17	46	SE	5	0	30·02	— ·30	43	42	— 2	SE	6	0	3	0	0·9	47	?42	—
	Scilly	30·06	50	ESE	7	b	29·94	— ·25	50	47	+ 1	ESE	6	cw	5	b	6·6	52	46	—
	Prawle Point ...	30·18	48	ESE	7	c	30·00	— ·33	45	44	— 2	ENE	6	c	5	g,c	*	48	44	—
	Jersey (St. Aubin's)	30·16	44	E	5	bm	29·98	— ·33	40	37	— 2	E	5	b	4	bm	*	47	39	—
	Hurst Castle ...	30·27	47	ENE	4	0	30·05	— ·34	42	41	— 3	ENE	4	b	3	0	*	48	42	—
	Dungeness ...	30·29	46	E	4	0	30·06	— ·35	43	41	— 3	ENE	4	c	3	0	*	48	42	—
	North Foreland	30·31	47	SE	5	0	30·10	— ·33	45	42	— 3	ESE	5	bq	5	c,0	*	48	43	—
	London (Brixton) ...	30·32	44	E	3	0	30·12	— ·32	43	41	+ 9	E	3	bc	*	ogm,b	0·0	44	34	—
	Oxford	30·31	42	SE	2	0	30·14	— ·31	40	39	+ 7	ENE	2	0	*	f,0	*	43	33	—
	Cambridge ...	30·35	38	SW	1	m	30·17	— ·30	41	40	+ 9	ESE	1	m	*	m	0·0	42	31	—
	Yarmouth ...	30·37	43	NE	2	c	30·18	— ·26	43	41	+ 15	E	4	cq	4	c	*	45	26	—
Germany & Holland.	Cuxhaven ...	30·46	42	W	1	0	30·35	— ·09	40	40	— 1	SE	3	0	*	0	*	44	40	—
	Berlin	30·47	39	S	1	f	30·40	— ·03	33	33	— 4	SE	1	f	*	f	*	41	34	—
	Wiesbaden ...	*	*	*	*	*	30·15		39	34		Z	0	b	*	*	*	41	34	—
	Munich	30·32	24	NE	4	b	30·04	— ·40	24	23	+ 6	E	6	b	*	b	*	30	18	—
	The Helder ...	30·44	43	SE	1	c	30·23	— ·27	40	38	— 3	ESE	2	c	2	c	*	46	39	—
France & Belgium.	Brussels ...	*	*	*	*	*	30·12	— ·33	33	31	— 8	ENE	4	b	*	b	*	44	32	—
	Cape Gris Nez...	30·26	44	E	3	0	30·08	— ·30	45	45	0	E	2	m	2	0	*	48	32	—
	Paris	30·21	36	NE	2	b	30·02	— ·35	28	27	— 2	NE	3	b	*	b	*	45	27	—
	Brest	?	46	ESE	4	b	?	?	39	35	— 3	ESE	4	b	2	b	*	52	32	—
	Lorient... ...	30·05	45	E	6	b	29·92	— ·26	37	34	— 2	E	5	b	2	b	*	48	34	—
	Rochefort ...	30·03	38	E	4	b	29·91	— ·25	31	30	— 3	E	4	b	*	b	*	48	28	—
	Belfort	?	30	NNE	4	b	?	?	28	26		NNE	4	bc	*	b	*	36	26	—
	Lyons	30·15	30	W	1	b	30·04	— ·24	29	27	0	SW	1	0	*	b	*	38	26	—
	Nice	30·04	45	ENE	4	bc	30·03	— ·10	41	34	0	E	2	0	4	bc	*	50	41	—
	Perpignan ...	30·01	43	X	0	b	29·98	— ·16	35	34	+ 4	SW	1	0	*	b	*	55	34	—
	Biarritz ...	29·90	43	E	4	b	29·81	— ·17	49	42	+ 19	S	4	b	2	b	*	50	30	—
Penin-sula.	Corunna ...																*			
	Lisbon	29·85	55	ESE	4	0	29·87	+ ·09	51	50	— 5	NE	4	0	*	0	*	57	50	0·04
	Azores (P. Delgada)	29·89	58	WSW	4	bc	29·90	+ ·08	55	52	— 2	NNW	3	bc	4	bc	*	61	54	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, 3rd December 1894.

BAROMETER, WIND AND SEA.

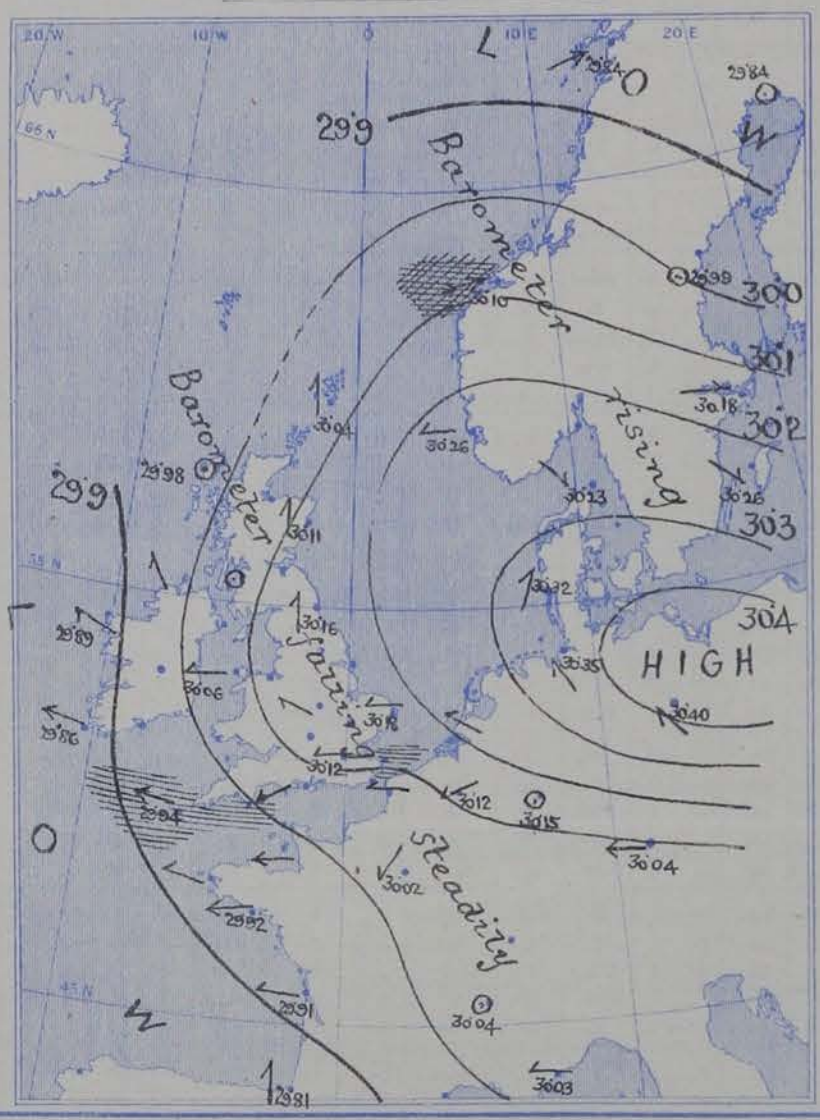
BAROMETER—Isobars are drawn for each tenth of an inch.

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 ▩

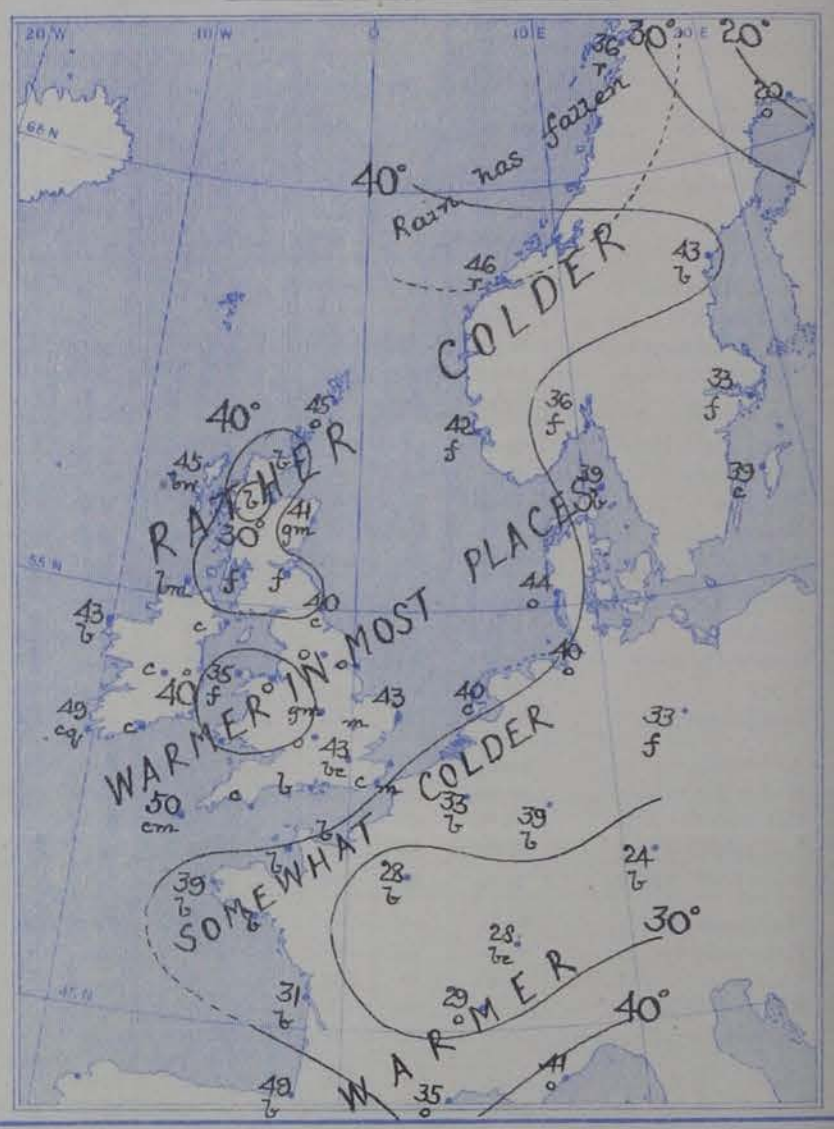


TEMPERATURE & WEATHER.

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 DECEMBER.*

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	42·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·918	37·9	37·0	41·9	33·7	2·66		—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.4 ins. and more over North Germany and exceeding 30.0 ins. over Great Britain, France and the countries lying to the eastward of the North Sea.

Lowest 29.9 ins. and less (1) over Lapland, and (2) over the Bay of Biscay and north of Spain.

Gradients moderate generally, and favourable for E. winds at the S. stations, and for SW. in the N.

Barometer falling steadily except over Scandinavia, where it was rising.

TEMPERATURE

Highest 50° at Sicily and Rocke's Point, 49° at Biarritz and Valencia Island, 45° at Stornoway & Scarborough.

Lowest (1) 20° at Haparanda, 26° at Carlstadt; (2) 24° at Munich, 28° at Paris, 29° at Lyons; (3) 26° at Hairn, 39° at Wick.

Maxima of 50° & 53° were recorded over our southwestern districts yesterday, but on our NE. and E. coasts the thermometer failed, as a rule, to reach 45°. At Munich the maximum was 30° and the minimum 18°.

WIND

E. at the southern stations, moderate to strong in force; SE. to S. in Ireland, strong to fresh; SE. light over the North Sea, calm and light S. in Scotland, SW. strong over Norway.

A strong gale from WSW. was experienced in Norway yesterday.

WEATHER

Fine and bright over France, fair over our Islands generally, raining in the northwest of Norway, foggy in the south of Scandinavia generally.

Rainfall has been considerable in the northwest of Norway; in most other places there has been none.

SEA.

Rather rough on our southeastern, southern and southwestern coasts, moderate in the west, smooth in the northeast and north.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone is moving eastwards very decidedly, and it appears likely that depressions will reach our southwestern and western coasts from the Atlantic shortly.

FORECASTS

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

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S. and SE. winds, fair as a whole.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	E. and SE. winds, fresh; fair, dry.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	S. and SE. winds, fresh; fair as a whole.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SE. winds, strong; perhaps some rain.
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	None Issued.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·34	47	45	WNW	2	r	2
Sumburgh Head							
Stornoway	30·18	48	46	SSW	4	b	3
Aberdeen							
Shields							
Ardrossan							
Malin Head ...							
Belmullet	30·17	46	43	ESE	1	b	*
Holyhead							
Valencia							
Scilly							
Jersey	30·24	47	42	ESE	6	b	5
Hurst Castle ...							
Dungeness ...	30·31	47	46	ESE	4	o	3
North Foreland	30·37	48	44	SE	4	c	3
London (Westminster)							*
Yarmouth ...							
Rochefort ...	30·10	44	39	E	4	b	*

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

Weather in morning fine in Ireland and Scotland, but dull over the greater part of England, with fog at the northern, eastern and Central stations. Fine in France and also in Sweden, but cloudy or dull in the other Continental countries, with fog over North Germany and the Netherlands; rain in the south of Italy and snow at St Petersburg. Fog clearing later at several of the English stations; no important change occurring elsewhere.

Temperature risen rapidly over Finland and the north of Sweden and to a less extent in the west and south of our island, but fallen in most other localities. Morning readings highest 60° at Malta and Nemours and 59° at Oran and Algiers; above 50° at several of the Mediterranean stations and above 45° on our own southern coast, as well as in the Hebrides, the Shetlands and the west of Norway. Lowest (1) 16° at Archagel and 26° at Moscow; (2) 18° at Munich and 28° at Prague; (3) 28° at Aberdeen and Yarmouth. Daily maxima ranging between 40° and 45° over the eastern and Central parts of the United Kingdom, but thermometer exceeding 50° on an southwest coast, as well as at some of the west and south stations in France.

Wind E.ly or NE.ly over France, Spain, Italy and the extreme south of England; strong in force at the Mouth of the Channel as well as at most of the Italian stations; fresh to strong from the N. or NW. over the Central parts of the Mediterranean. Light to moderate from the SE. in Ireland and from the SW or W in Scotland; strong to a gale from the W over Finland and the north of Scandinavia; light from the NW over Denmark, the Baltic and the Central and southern parts of Russia; Variable in Germany. No important change during day.

Barometer highest 30·4 ins. and upwards over England, the Netherlands, Germany and the western & northern parts of Russia; 30·1 ins. & upward in a large anticyclone covering nearly the whole of western & Central Europe. Lowest 29.6 ins. & less in a well marked depression over Lapland; 29.7 ins. and less in another disturbance over Sicily & the adjacent parts of the Mediterranean. Anticyclone subsequently moving eastwards and barometer falling in most of the western countries.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD
FROM THE 25TH NOV. TO THE 1ST DEC. 1894.

During this week the distribution of pressure over our Islands has been mainly anticyclonic; some large and deep depressions have appeared over Lapland, and have moved thence in a southeasterly direction to the Baltic causing strong gales from between SW. and NW. at the Scandinavian stations, while over the greater part of the United Kingdom there has been no rain at all. At the southern stations and over France the wind has been E.ly, and the weather dry, but the amount of haze and low cloud has been very great — in London there was a slight trace of Bright Sunshine on one day only, the remainder of the week being very dark and gloomy, and often foggy. Temperature has been low.

At the close of the week a well-formed anticyclone was advancing eastwards directly across our Islands, and fog prevailed almost all over England.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

N.B.—The morning observations are 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 4th December, 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 ...	29·85	24	W	2	b	30·08	+ ·24	19	19	— 1	NNW	2	b	*	b	*	32	19	—
	Hernösand ...	30·05	38	Z	0	c	30·25	+ ·26	35	33	— 8	N	2	c	*	c	*	46	35	—
	Stockholm ...	30·22	30	Z	0	f	30·18	·00	33	33	0	NW	2	f	*	f	*	36	30	—
	Wisby	30·23	40	NW	4	0	30·20	— ·06	37	37	— 2	NNW	4	0	*	0	*	45	36	—
	Bodö	30·03	33	W	6	s	30·20	+ ·36	33	30	— 3	NNW	2	b	1	s	*	37	30	—
	Christiansund ...	30·10	46	WSW	4	0	30·07	— ·03	44	42	— 2	Z	0	0	5	0	*	46	41	—
	Skudesnaes ...	?30·16	44	SSE	4	0	?30·02	— ·24	44	42	+ 2	SSE	2	0	2	0	*	45	42	?
	Færder (Christiania Fjord)	30·18	39	W	2	0	30·13	— ·11	34	33	— 2	NNE	4	0	1	0	*	39	32	—
	Skagen (The Scaw)	30·21	42	WNW	1	0	30·13	— ·10	42	40	+ 3	S	1	0	0	0	*	43	37	—
	Fanö	30·17	38	S	4	b	30·02	— ·30	36	35	— 8	SE	6	0	*	b	*	45	36	—
British Islands.	Sumburgh Head	29·97	45	S	1	0	29·86	— ·18	45	44	0	S	2	0	3	0	*	47	42	—
	Stornoway ...	29·91	40	Z	0	b	29·78	— ·20	42	41	— 3	SW	2	c	3	b	27	48	34	—
	Wick	29·91	44	W	2	bc	29·82	— ·21	43	42	+ 4	W	3	c	2	bc	*	47	37	0·03
	Nairn	29·93	30	Z	0	f	29·81	— ·21	23	23	— 3	SW	1	b	1	f	*	42	20	—
	Aberdeen ...	30·02	39	SSW	2	om	29·89	— ·22	43	41	+ 2	S	2	og	2	om	0·0	45	36	—
	Leith	30·01	37	SSE	1	m	29·87	— ·23	35	34	— 2	SSE	1	om	*	mf	*	37	28	—
	Shields	30·06	43	SSE	2	m	29·86	— ·30	44	43	+ 4	NE	3	0	3	m	*	44	37	—
	Spurn Head ...	30·02	44	ENE	3	cv	29·78	— ·39	44	41	0	E	4	bc	4	0, cv	*	45	42	—
	York	30·06	43	ESE	1	0	?29·81	— ·38	42	41	0	E	1	c	*	0	*	43	40	—
	Loughborough ...	30·02	39	NE	2	0	29·78	— ·40	41	39	+ 1	ENE	1	ogm	*	0, c, b, om	*	43	38	—
	Ardrossan ...	30·00	34	NE	1	bf	29·84	— ·25	33	33	+ 1	NE	4	of	2	bf	*	36	31	—
	Malin Head ...	29·89	40	SSE	4	bm	29·77	— ·21	37	36	— 5	SE	2	bm	1	bc, bm	*	44	37	—
	Belmullet ...	29·82	47	SE	5	c	29·72	— ·17	45	43	+ 2	SE	2	b	*	c	*	48	43	—
	Donaghadee ...	29·97	46	SSW	5	0	29·81	— ·26	44	43	0	E	5	c	3	0	*	47	43	—
	Liverpool (Bidston)	29·99	36	ESE	2	b	29·82	— ·29	37	36	— 2	NNE	1	c	1	b	*	40	32	0·01
	Holyhead ...	29·94	40	NE	1	b	29·79	— ·27	36	35	+ 1	NE	2	m	1	b	*	45	33	—
	Parsonstown ...	29·89	44	SE	1	0	29·77	— ·20	32	31	— 12	Z	0	m	*	0	2·5	46	32	—
	Valencia ...	29·80	49	SE	4	ogv	29·74	— ·12	48	46	— 1	SSE	3	om	3	bcq, ogq	0·0	50	47	0·03
	Roche's Point ..	29·87	50	SSE	5	0	29·77	— ·20	48	46	— 2	SSE	4	0	4	0	*	51	45	—
	Pembroke (St. Ann's Hd.)	29·90	42	SE	3	b	29·79	— ·23	36	35	— 7	E	2	bm	1	b	5·5	44	34	—
	Scilly	29·83	48	ESE	4	c	29·72	— ·22	45	42	— 5	NNE	4	c	3	c	2·2	?52	42	—
	Prawle Point ...	29·87	45	ENE	6	c	29·73	— ·27	35	34	— 10	NNW	3	c	2	c	*	46	34	—
	Jersey (St. Aubin's)	29·84	39	ESE	3	bm	29·70	— ·28	29	28	— 11	NE	1	cmg	1	bmw	*	43	28	—
	Hurst Castle ...	29·89	45	NE	3	b	?29·72	— ·33	36	35	— 6	NNE	3	om	2	b, m	*	47	33	—
	Dungeness ...	29·90	42	NE	3	bc	29·74	— ·32	37	35	— 6	SE	3	c	2	bc	*	45	31	—
	North Foreland	29·92	45	ESE	5	bq	29·75	— ·35	38	35	— 7	SSE	3	b	3	bq	*	47	37	—
	London (Brixton) ...	29·93	44	ENE	3	0	29·75	— ·37	32	32	— 11	Z	0	f	*	bm, a, c	0·1	48	32	—
	Oxford	29·93	39	ENE	2	c	29·75	— ·39	35	34	— 5	NNE	1	om	*	b, c	*	46	34	—
	Cambridge ...	29·97	41	NNE	1	0	29·77	— ·40	32	31	— 9	NE	1	b	*	b, 0	4·6	46	31	—
	Yarmouth ...	29·97	45	E	5	bc	29·77	— ·41	41	39	— 2	SE	4	bc	4	b, bc	*	45	40	—
Germany & Holland.	Cuxhaven ...	30·18	37	E	5	bc	30·02	— ·33	35	35	— 5	SE	3	c	*	bc	*	40	33	—
	Berlin	30·25	31	ESE	2	0	30·08	— ·32	29	29	— 4	E	3	0	*	0	*	39	28	—
	Wiesbaden ...	*	*	*	*	*	29·96	— ·19	31	29	— 8	Z	0	0	*	*	*	43	30	—
	Munich... ..	29·97	26	SW	2	b	29·95	— ·09	20	19	— 4	Z	0	f	*	b	*	36	18	—
	The Helder ...	29·99	39	E	4	b	29·85	— ·38	35	34	— 5	SE	1	b	1	b	*	43	34	—
Belgium.	Brussels ...	*	*	*	*	*	29·84	— ·28	31	29	— 2	SE	2	c	*	b	*	42	29	—
	Cape Gris Nez...	29·91	35	E	1	b	29·75	— ·33	30	30	— 15	SE	1	m	1	b	*	45	28	—
	Paris	29·91	35	ESE	2	b	29·79	— ·23	36	34	+ 8	SE	2	0	*	b	*	41	26	—
	Brest	?	38	ESE	1	b	?	?	36	34	— 3	ESE	1	b	2	b	*	46	30	—
	Lorient... ...	29·81	40	E	4	b	29·69	— ·23	38	36	+ 1	NE	2	c	2	b	*	46	36	—
France &	Rochefort ...	29·85	44	Z	0	0	29·80	— ·11	43	42	+ 12	SW	2	0	*	bc, 0	*	46	31	—
	Belfort	?	30	NE	1	b	?	?	27	25	— 1	NE	1	m	*	b	*	32	25	—
	Lyons	29·98	35	S	1	b	29·93	— ·11	35	33	+ 6	SE	1	0	*	b	*	40	29	—
	Nice	29·98	43	ENE	2	0	29·96	— ·07	37	30	— 4	E	2	b	2	0	*	46	36	—
	Perpignan ...	29·94	47	S	2	0	29·89	— ·09	34	34	— 1	SW	1	b	*	0	*	55	32	—
	Biarritz ...	29·79	52	S	4	0	29·76	— ·05	52	45	+ 3	SSW	4	0	2	0	*	54	48	—
Penin-sula.	Corunna ...																*			
	Lisbon	29·89	53	NNE	3	0	29·78	— ·09	55	55	+ 4	S	3	0	*	0	*	57	50	0·12
	Azores (P. Delgada)	30·09	65	NNW	5	bc	30·21	+ ·31	54	51	— 1	NW	4	bc	2	bc	*	61	52	—

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.*

Erratum: In yesterday's report the amount of rainfall at York should have been 0·02 inch.

WEATHER CHARTS

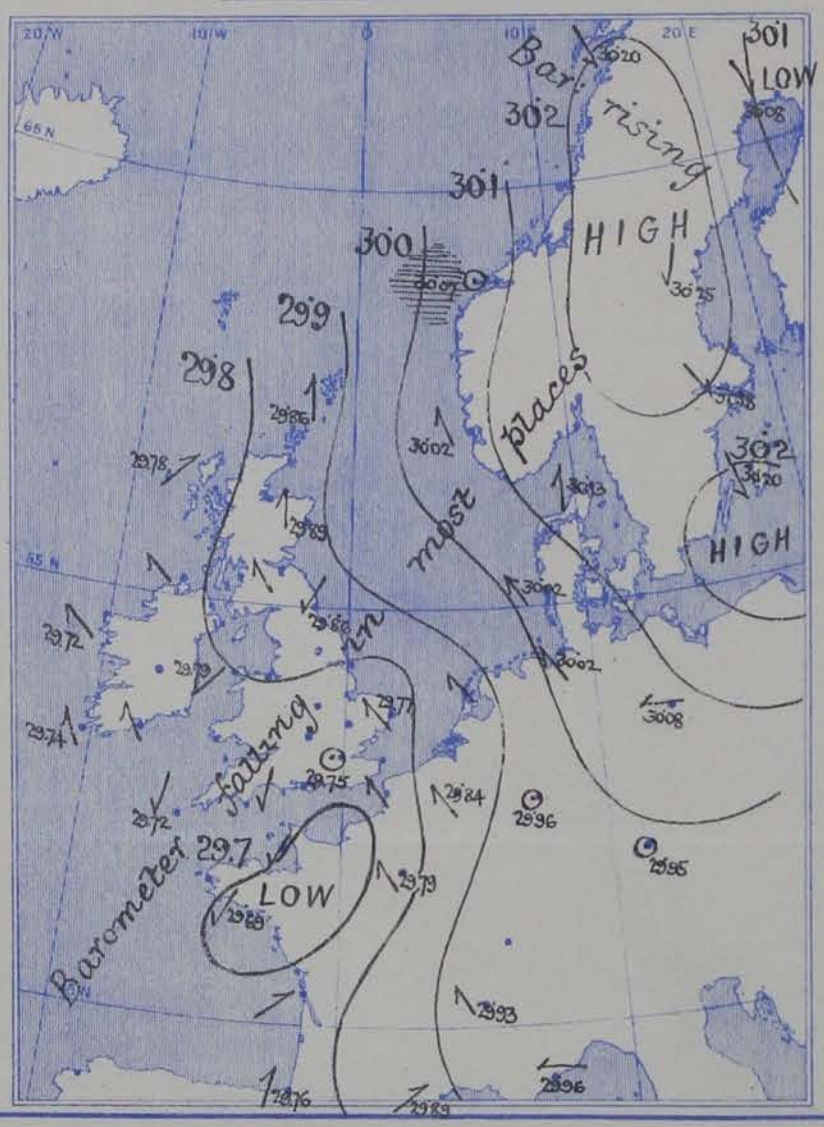
FOR Tuesday, 4th December, 1894.

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* ⟶ ; }

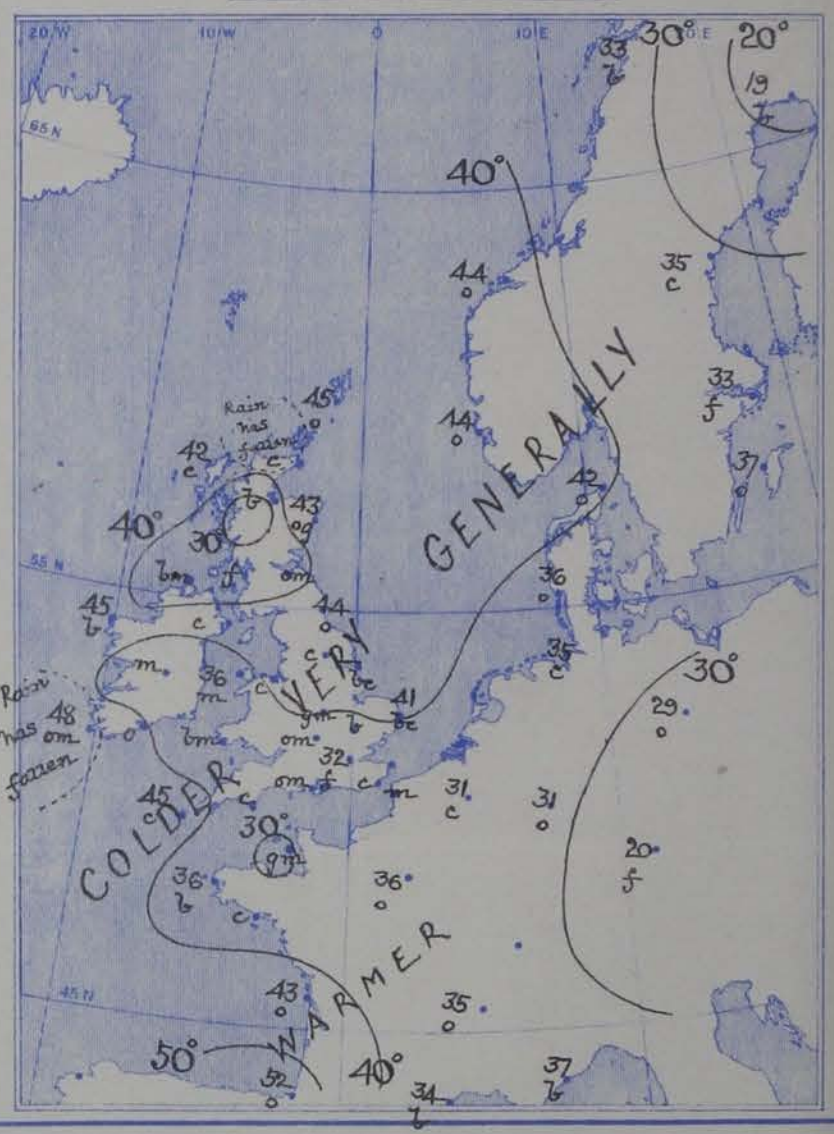
SEA—Rough ▤ ; *High* ▩



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 DECEMBER.*

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 · 673	39 · 6	38 · 1	42 · 6	35 · 2	4 · 25	—	—
Stornoway	29 · 705	39 · 4	38 · 5	43 · 1	34 · 2	5 · 63	27 · 6	14
Wick	29 · 718	38 · 1	36 · 8	42 · 2	32 · 7	3 · 10	—	—
Nairn	29 · 743	37 · 1	35 · 6	41 · 9	32 · 8	1 · 95	—	—
Aberdeen	29 · 767	36 · 9	35 · 2	41 · 9	32 · 6	3 · 24	37 · 9	19
Leith	29 · 807	38 · 5	37 · 0	44 · 0	33 · 7	1 · 86	—	—
Shields	29 · 845	38 · 3	36 · 9	42 · 9	33 · 9	2 · 57	—	—
Spurn Head	29 · 873	38 · 8	37 · 7	42 · 4	35 · 3	2 · 14	—	—
York	29 · 890	36 · 4	35 · 4	42 · 3	32 · 3	2 · 28	24 · 5	11
Loughborough	29 · 924	36 · 3	35 · 4	42 · 7	32 · 2	2 · 24	—	—
Ardrossan	29 · 820	40 · 0	38 · 7	44 · 5	35 · 9	3 · 73	—	—
Donaghadee	29 · 848	40 · 2	39 · 3	45 · 8	36 · 2	2 · 84	—	—
Holyhead	29 · 879	42 · 8	41 · 1	46 · 4	39 · 1	3 · 82	—	—
Liverpool	29 · 895	38 · 8	37 · 1	43 · 5	35 · 6	2 · 59	—	—
Parsonstown	29 · 901	37 · 8	36 · 6	44 · 7	33 · 1	3 · 04	44 · 4	19
Valencia	29 · 905	44 · 6	42 · 4	49 · 7	40 · 0	5 · 99	45 · 1	19
Roche's Point	29 · 912	42 · 9	41 · 5	47 · 9	38 · 9	4 · 95	—	—
Pembroke	29 · 916	43 · 6	42 · 2	46 · 8	40 · 3	3 · 99	46 · 2	20
Scilly	29 · 951	47 · 0	45 · 1	49 · 5	43 · 4	4 · 02	—	—
Prawle Point	29 · 970	42 · 5	41 · 1	47 · 0	38 · 2	3 · 76	—	—
Jersey	29 · 985	43 · 1	41 · 4	47 · 3	39 · 3	3 · 82	57 · 1	23
Hurst Castle	29 · 958	40 · 6	39 · 8	45 · 6	36 · 3	2 · 78	—	—
Dover	29 · 953	39 · 8	38 · 6	44 · 3	35 · 9	3 · 00	—	—
LONDON	29 · 954	37 · 8	36 · 7	44 · 0	33 · 9	2 · 10	19 · 4	8
Oxford	29 · 955	37 · 0	35 · 9	42 · 9	33 · 5	2 · 10	37 · 4	16
Cambridge	29 · 941	36 · 2	35 · 5	42 · 8	31 · 6	1 · 88	39 · 3	17
Yarmouth	29 · 916	37 · 9	37 · 0	41 · 9	33 · 7	2 · 66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.10 ins. to 30.25 ins. over Scandinavia and the Baltic.
Lowest 29.7 ins. and less in a shallow depression over the north of France and the E.ⁿ part of the Channel.
Gradients slight. Barometer falling in most places, but rising in the north of Scandinavia.

TEMPERATURE

Highest 55° at Lisbon, 52° at Biarritz, 48° at Valencia (Ireland) and Roche's Pt., and 45° at Snowdon & Belmullet & Scilly.
Lowest (1) 19° at Haparanda; (2) 20° at Munich, and 29° at Berlin; (3) 23° at Nairn, and 32° at Parsonstown, London and Cambridge.
Frost occurred last night in many parts of the United Kingdom, the lowest readings in the screen being 20° at Nairn, and 28° at Leith and Jersey.

WIND

Light to moderate from the S.E.ⁿ over Denmark, the Netherlands, central France, & the S.E. of England.
E.ly or N.E.ly in the southwest, west and north of England; S.E.ly in Ireland, S.ly in the north & east of Scotland.
Light from the N.ⁿ or N.W.ⁿ at most of the Scandinavian stations.

WEATHER

Fine and bright in a few places, but mostly cloudy or overcast, with mist or fog locally.
Fine in the north of Scandinavia, and also in the extreme south of France.
Since yesterday morning slight rain has fallen at Wick and Valencia (Ireland); elsewhere the weather has remained very dry.

SEA

Slight or smooth generally, but moderate off the east of England, and rather rough at Christiansund

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow depression over the north of France seems likely to spread northwards, and to occasion snow or sleet in many parts of England.

FORECASTS

For the 24 hours ending at NOON on 5.ᵀᴴ DECEMBER. 1894.

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S.ly to E.ly winds, light; dull generally.	6	SCOTLAND WEST	NE.ly winds, light; fair generally.
1	SCOTLAND EAST		7	ENGLAND N.W.	
2	ENGLAND N.E.	E.ly winds, moderate; fair to dull, with some sleet or snow.	8	ENGLAND S.W.	N.ly and NE.ly winds, moderate, cloudy, snow or sleet locally.
3	ENGLAND EAST		9	IRELAND NORTH	SE.ly to E.ly winds, moderate; fair generally.
4	MIDLAND COUNTIES	E.ly and NE.ly winds, light; fair to dull, probably some snow.	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 ...	30·21	45	43	ESE	2	o	2	Valencia	29·79	50	46	SE	5	bcq	5
Sumburgh Head	30·00	46	45	S	1	o	3	Scilly	29·87	51	47	ESE	6	c	3
Stornoway	29·93	48	46	WSW	2	b	2	Jersey	29·88	43	39	E	3	b	3
Aberdeen	30·05	40	39	SSW	1	om	1	Hurst Castle ...	29·93	47	45	NE	4	b	4
Shields	30·10	42	41	S	3	m	2	Dungeness ...	29·92	44	42	NE	4	bc	3
Ardrossan	30·03	35	34	NE	1	b	1	North Foreland	29·97	46	42	ESE	5	b	6
Malin Head ...	29·93	44	43	SSE	3	bc	2	London (Westminster)	29·98	48	43	E	3	bm	*
Belmullet	29·84	48	45	SSE	3	c	*	Yarmouth ...	30·04	45	43	E	5	b	4
Holyhead	29·99	45	43	NE	1	b	o	Rochefort ...	29·85	44	41	ESE	3	b	*

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 or foggy in places. Fine and bright over Belgium, western Germany and the north and west of France; dull in most other parts of the Continent, with fog in the south of Scandinavia, and also at several of the German and Austrian stations: snow falling at Kuopio. Slight rain falling during day at Wick and Valencia (Ireland) but weather remaining very dry in all other parts of western Europe.

Temperature changed very irregularly: risen considerably over the eastern and central parts of Great Britain, fallen in most other localities. Morning reading highest 59° at Malta, 58° at Athens, and 56° at Algiers, reaching 50° on some parts of our own southwest coasts. Lowest (1) 15° at Hermanstadt, and 24° at Munich and Vienna; (2) 20° at Haparanda, and 26° at Carlstadt, (3) 26° at Nairn, and 32° at Ardrossan. Daily maxima over our Islands below 40° in the south of Scotland, and below 50° on all but our southwest coasts; thermometer reaching 54° at Biarritz, and 55° at Perpignan. Frost occurring in many parts of western Europe at night.

Wind E.½N. over France, Germany, the Netherlands, and the south of England, and strong in force in the western parts of the Channel. Moderate to fresh from the SE.ward in Ireland; light from the S.ward in Scotland; strong from the W.ward or SW.ward in the west of Norway and over the Gulf of Finland; calm in the north of Sweden. Light from NW. over the central and southern parts of Russia. N.½W. or NE.ly in most parts of southern Europe, but variable in Algeria. No important change occurring during day.

Barometer highest 30·3 ins. and upwards over eastern Austria, and the neighbouring parts of Russia; 30.1 ins. and upwards in an anticyclone covering the whole of eastern and central Europe, and extending over the eastern parts of St. Britain. Lowest 29.8 ins. and less over northern Russia; 29.9 ins. and less in a large shallow depression lying to the southwest of our Islands and also in another large system over the south of Italy and central parts of the Mediterranean. Anticyclone subsequently moving northwards, and barometer falling in 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, 5th December, 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 ...	30·33	10	W	2	b	30·12	+·04	30	28	+ 11	E	2	0	*	b	*	?	7	-
	Hernösand ...	30·30	31	W	0	bc	30·11	-·14	35	33	0	S	2	fg	*	bc	*	41	30	0·04
	Stockholm ...	30·22	37	W	0	f	30·23	+·05	39	38	+ 6	S	2	r	*	f	*	39	19	0·12
	Wisby	30·24	37	N	2	o	30·09	-·11	40	38	+ 3	SSE	2	0	*	0	*	41	34	-
	Bodö	30·02	34	E	H	o	29·63	-·57	40	37	+ 7	S	H	0	2	0	*	?	28	-
	Christiansund ...	29·99	40	E	2	b	30·05	-·02	44	41	0	SW	H	0	H	b	*	45	39	-
	Skudesnaes ...	?30·05	42	SSE	4	b	?30·10	+·08	40	38	- 4	E	1	0	2	0.b	*	44	34	?
	Færder (Christiania Fjord)	30·17	35	N	4	m	30·17	+·04	37	36	+ 3	N	4	f	1	m	*	37	32	-
	Skagen (The Scaw)	30·10	39	SSE	2	o	30·09	-·04	40	38	- 2	SE	2	0	0	0	*	43	37	-
	Fanö	29·99	36	E	6	o	29·97	-·05	36	35	0	E	5	0	*	0	*	39	36	-
	Sumburgh Head	29·84	45	S	2	o	29·95	+·09	45	43	0	SSE	1	0	3	0	*	46	44	-
	Stornoway ...	29·98	38	W	0	b	29·88	+·10	40	40	- 2	W	0	0	0	c.b	1·5	45	29	-
	Wick	29·81	41	SW	3	c	29·90	+·08	39	38	- 4	NW	2	0	3	c	*	44	36	-
	Nairn	29·78	30	W	0	f	29·90	+·09	32	32	+ 9	W	0	0	1	f	*	32	20	-
	Aberdeen ...	29·83	44	SE	3	og	29·93	+·04	38	37	- 5	W	2	cpm	3	og	0·0	45	38	0·03
British Islands.	Leith	29·87	41	SSE	1	m	29·89	+·02	40	39	+ 5	W	0	bc	*	c.m.d	*	43	34	0·01
	Shields	29·76	44	E	3	o	29·88	+·02	38	37	- 6	NNW	1	f	3	o	*	46	34	-
	Spurn Head ...	29·75	42	SSE	3	c	29·85	+·07	45	44	+ 1	ESE	1	o	3	c.od	*	45	39	0·01
	York	29·74	43	E	1	b	29·89	+·08	35	34	- 7	N	1	o	*	b	*	44	32	0·01
	Loughborough ...	29·75	38	SE	1	o	29·86	+·08	31	31	- 10	NNW	1	of	*	bc.ogm	*	45	27	-
	Ardrossan ...	29·79	38	NE	2	om	29·87	+·03	41	41	+ 8	NE	1	of	0	f.e.m	*	41	32	0·01
	Malin Head ...	29·75	37	SSE	3	b	29·87	+·10	41	40	+ 4	S	1	om	2	b	*	42	35	-
	Belmullet ...	29·71	43	SE	3	o	29·88	+·16	40	38	- 5	SE	2	b	*	0	*	48	39	-
	Donaghadee ...	29·79	44	SE	3	o	29·87	+·06	45	43	+ 1	ENE	3	c	1	o	*	45	41	-
	Liverpool (Bidston)	29·74	41	W	0	o	29·86	+·04	39	32	- 4	SE	1	b	2	o	*	41	32	-
	Holyhead ...	29·74	42	SW	1	cg	29·86	+·07	41	39	+ 5	W	0	fg	0	o.gm	*	43	36	-
	Parsonstown ...	29·75	39	W	0	c	29·87	+·10	50	?	- 2	W	0	c	*	c	1·9	44	29	-
	Valencia ...	29·74	45	W	0	om	29·85	+·11	43	43	- 5	W	0	0	1	cm.o	1·0	51	39	0.08
	Roche's Point ...	29·75	48	SSE	3	o	29·87	+·10	44	43	- 4	ESE	2	c	3	o	*	49	42	-
	Pembroke (St. Ann's Hd.)	29·72	43	W	0	o	29·87	+·08	43	41	+ 4	E	1	o	0	o	0·8	43	35	-
	Scilly	29·73	45	NNW	4	o	29·83	+·11	48	47	+ 3	SSW	5	c	4	o	0·0	48	41	0·01
	Prawle Point ...	29·71	39	NE	1	m	29·87	+·14	40	39	+ 5	NNW	1	o	1	cm	*	44	34	-
	Jersey (St. Aubin's)	29·69	38	SW	1	cf	29·85	+·15	43	40	+ 14	NW	1	om	1	c.m.f	*	45	29	-
	Hurst Castle ...	29·70	40	NE	1	odm	29·84	+·12	38	38	+ 2	N	1	of	1	c.o.md	*	43	35	-
	Dungeness ...	29·70	43	SSE	H	op	29·80	+·06	42	41	+ 5	ESE	1	om	1	o.op	*	45	37	0.01
	North Foreland	29·72	42	SSE	5	og	29·82	+·07	43	41	+ 5	SSE	1	ogm	3	o.og	*	46	36	0·02
	London (Brixton) ...	29·69	39	E	2	om	29·84	+·09	40	39	+ 8	W	0	ogm	*	bf.od	0·0	41	31	-
	Oxford	29·76	33	SE	1	o	29·87	+·12	31	31	- 4	NW	1	o	*	c.o	*	38	31	-
	Cambridge ...	29·76	35	SE	1	o	29·86	+·09	38	37	+ 6	N	1	f	*	o	1·1	40	30	-
	Yarmouth ...	29·75	44	SE	5	c	29·83	+·06	45	43	+ 4	ESE	3	cg	3	bc.c	*	45	40	-
Germany & Holland.	Cuxhaven ...	29·98	35	ESE	2	bc	29·87	-·15	35	35	0	ESE	3	0	*	bc	*	41	35	-
	Berlin	30·02	31	W	0	b	29·99	-·09	31	30	+ 2	SE	3	0	*	b	*	34	29	-
	Wiesbaden ...	*	*	*	*	*	29·94	-·02	29	28	- 2	W	0	c	*	*	*	36	28	-
	Munich... ..	29·92	30	E	*	S	29·95	-·00	34	33	+ 14	SW	5	0	*	S	*	?	?20	0·04
	The Helder ...	?29·88	36	SE	1	b	?29·89	+·04	36	35	+ 1	E	1	b	1	b	*	37	?	-
France & Belgium.	Brussels ...	*	*	*	*	*	29·86	+·02	39	36	+ 8	ESE	1	0	*	b	*	42	31	-
	Cape Gris Nez...	29·72	37	SE	1	m	29·81	+·06	39	38	+ 9	S	1	m	1	m	*	41	30	0·08
	Paris	29·75	40	SE	2	o	29·83	+·04	37	37	+ 1	SE	1	0	*	0	*	42	36	0·04
	Brest	?	44	N	2	c	?	?	45	42	+ 9	ENE	1	0	2	c	*	46	?	-
	Lorient... ...	29·74	43	NNW	3	c	29·76	+·07	46	42	+ 8	NW	3	0	2	c	*	46	34	-
	Rochefort ...	29·79	47	W	3	o	?29·94	+·04	41	39	- 2	SE	3	0	*	0	*	50	37	-
	Belfort	?	34	NE	1	bc	?	?	33	33	+ 6	E	1	f	*	bc	*	34	26	-
	Lyons ...	29·89	41	SW	2	b	29·94	+·01	?	38	?	S	1	c	*	b	*	47	35	-
	Nice	29·96	42	W	0	bc	29·98	+·02	39	35	+ 2	E	3	b	1	bc	*	52	36	-
	Perpignan ...	?	42	W	0	b	29·93	+·04	44	43	+ 10	SW	2	0	*	b	*	52	34	-
	Biarritz ...	29·76	54	S	4	o	29·82	+·06	50	46	- 2	S	2	0	2	0	*	57	48	-
Peninsula.	Corunna ...																*			
	Lisbon	29·67	53	SE	3	o	29·73	-·05	50	49	- 5	NE	4	0	*	0	*	61	50	0·32
	Azores (P. Delgada)	30·36	59	N	3	b	30·34	+·13	60	48	- 4	NNE	4	bc	2	b	*	59	48	-

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, 5TH DECEMBER 1894.

BAROMETER, WIND AND SEA.

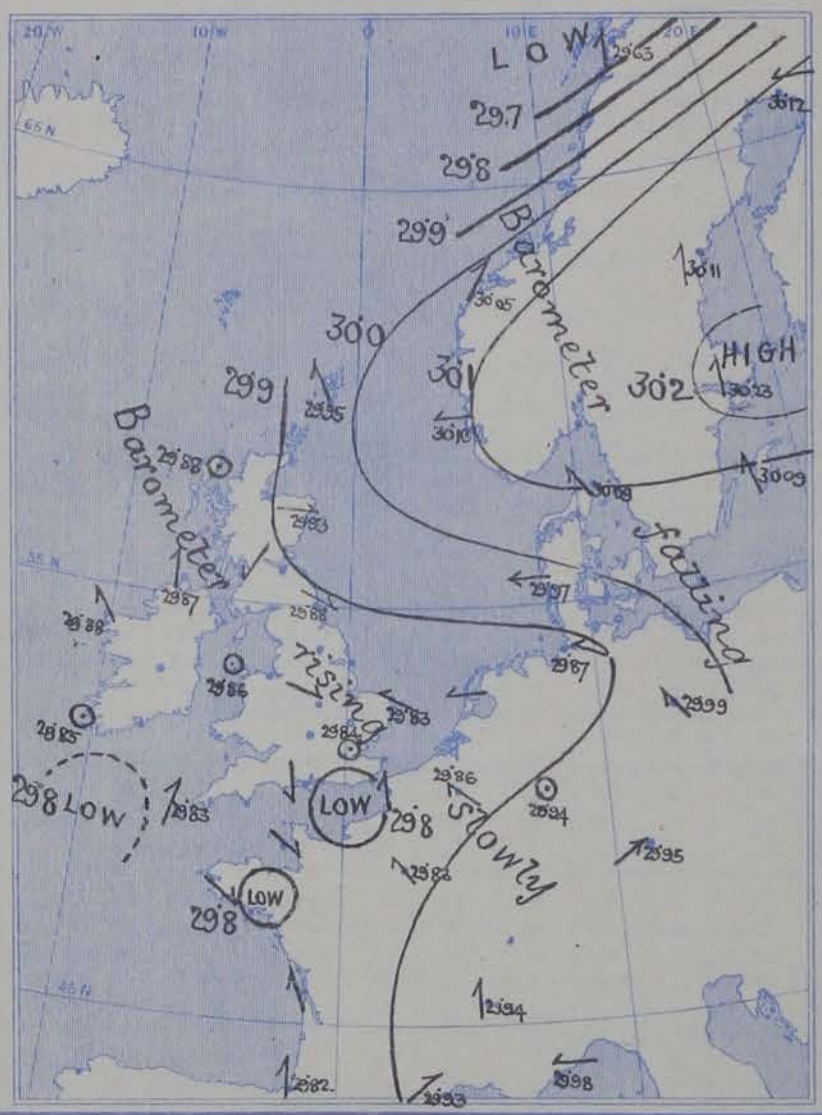
BAROMETER—Isobars are drawn for each tenth of an inch.

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* ▦

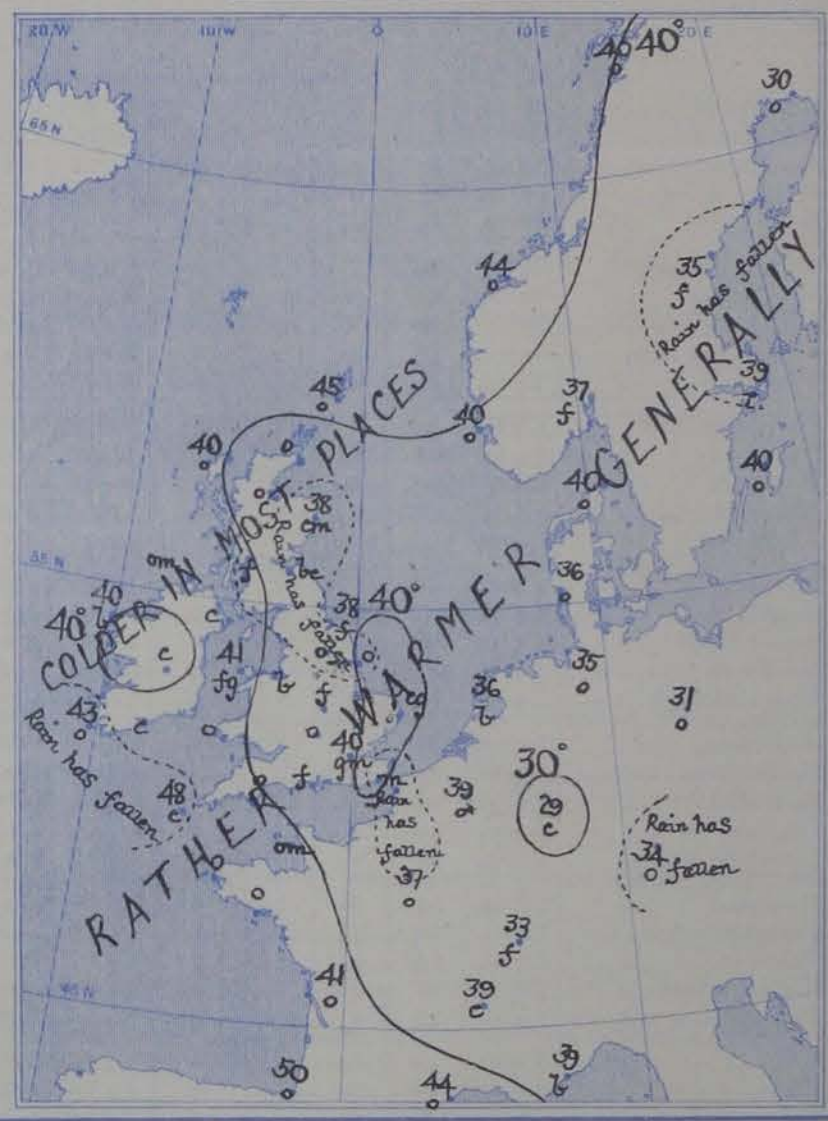


TEMPERATURE & WEATHER.

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 DECEMBER.*

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins: and upwards in the south of Sweden.
Lowest, 29·7 ins: and less, in a depression off the northwest of Norway; 29·8 ins: and less, over the Spanish Peninsula, and also in three small disturbances lying respectively over the eastern part of the English Channel over Brittany and off our extreme southwest coasts.
Gradients very slight generally, but moderate over the north of Scandinavia.
Barometer rising a little in our Islands and France, but falling in Scandinavia, Denmark, and North Germany.

TEMPERATURE

Highest (1) 50° at Biarritz and Lisbon, 48° at Scilly, 46° at Lorient, and 45° at Donaghadee, (2) 45° at Lumbruglh Hd and 44° at Christiansund.
Lowest (1) 29° at Wiesbaden and 31° at Berlin; (2) 30° at Parsonstown and 31° at Loughborough and Oxford; (3) 30° at Haparanda.
The maxima registered yesterday were below 45° in many parts of Great Britain; at Nairn the thermometer did not rise above 32°.

WIND

Light and variable in our Islands, but NW. in the northwest of France and S. over the southern parts of that country.
Light to moderate from the E. or SE. over Denmark, the Netherlands and south of Scandinavia.
SW. in the west of Norway.

WEATHER

Dull over Western Europe generally, with fog or mist in many parts of Great Britain, as well as at some of the Scandinavian stations.
Slight rain fell yesterday in the eastern and southeastern parts of our Islands, as well as at Valencia (Ireland) and a larger quantity at Lisbon. Snow fell at Munich.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

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

FORECASTS

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

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Light Variable airs; dull, with some mist or fog.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Variable breezes, finally E.; dull, foggy.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	E. Winds, light; dull, local fogs.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S. and SE. Winds, light or moderate; dull, rain locally.
9	IRELAND NORTH	E. Winds, light; cloudy generally.
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 ...	29.04	43	40	SSE	4	0	2	Valencia	29.72	49	48	SSW	1	cm	2
Sumburgh Head	29.84	45	43	S	2	0	3	Scilly	29.72	45	41	N	4	c	3
Stornoway	29.74	45	43	SSW	1	bc	2	Jersey	29.66	45	41	E	0	c	0
Aberdeen	29.84	44	41	S	2	og	2	Hurst Castle ...	29.68	42	40	NE	2	c	2
Shields	29.78	45	44	ENE	3	o	3	Dungeness ...	29.69	42	40	SE	3	o	2
Ardrossan	29.79	36	36	NE	4	c	2	North Foreland	29.72	40	39	SSE	3	o	4
Malin Head ...	29.73	42	40	SE	3	b	1	London (Westminster)	29.71	39	37	E	1	fb	*
Belmullet	29.69	48	46	SE	3	o	*	Yarmouth ...	29.75	42	39	SSE	4	bc	4
Holyhead	29.75	42	40	E	1	ogm	o	Rochefort ...	29.77	49	45	W	3	o	*

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

Weather cloudy or dull in most parts of our Islands and the Continent, with fog or mist in many places; and with rain at Athens and Brindisi. Fine in the north of Ireland, the east of England, and the extreme north of Scandinavia, as well as in the south of France. Slight rain falling later at several of our Eastern and southeastern stations, as well as at Valencia, and a larger amount at Lisbon; snow reported at Munich in evening.

Temperature fallen in most of the northwestern, northern, and central countries, but risen in France and many parts of southern Europe. Morning readings highest 63° at Patras, 60° at Nemours, and 59° at Oran and Malta; above 50° at several of the Mediterranean and Spanish coast stations, and above 45° in the west and south of Ireland. Lowest (1) 10° at Archangel and 19° at Haparanda; (2) 17° at Hernansdt, 18° at Lemberg and 20° at Munich; (3) 23° at Nairn and 32° at Paroumboron, Cambridge and in London. Daily maxima below 45° in many parts of Great Britain and as low as 32° at Nairn, thermometer exceeding 50° in the south of France and reaching 61° in London.

Wind E↑ (SE to NE) over the greater part of Ireland and England, but N↑ in the western parts of the Channel, and S↑ over Spain and the southwest of France. Light to moderate from the SE↑ over Germany, Denmark, and the south of Norway, and S↑ in Scotland. N↑ or NW↑ in Sweden, Russia, Greece and Italy; variable over Algeria and the Mediterranean. No important change occurring over Western Europe during day.

Barometer highest 30·3 ins. and upwards over the Black Sea and the south of Russia; 30·1 ins. and upwards, in an anticyclone embracing a considerable portion of northern, eastern, and central Europe. Lowest 29·7 ins. and less, in a shallow depression over the north of France and the eastern part of the Channel, 29·9 ins. and less, over the north of Russia and also in a shallow system over the southern part of the Adriatic. Depression over France subsequently moving slowly northwards, but changes in pressure over Western Europe very 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.

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, 6th December, 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 ...	29.59	33	NSW	6	b	29.68	-.44	28	28	- 2	NNW	6	b	*	b	*	34	1	-
	Hernösand ...	29.99	33	S	2	b	30.03	-.08	30	28	- 5	W	0	b	*	b	*	37	27	-
	Stockholm ...	30.17	35	W	0	0	30.06	-.17	34	33	- 5	W	0	f	*	0	*	41	34	-
	Wisby	30.19	39	SSE	2	0	30.07	-.02	36	35	- 4	S	2	0	*	0	*	43	36	-
	Bodö	29.86	33	W	8	S	29.96	+.33	35	32	- 5	NW	4	0	2	S	*	40	28	
	Christiansund ...	30.16	41	ESE	2	c	29.99	-.06	39	37	- 5	ENE	3	0	3	c	*	45	37	0.12
	Skudesnaes ...	30.08	41	W	0	bc	29.97	-.13	39	38	- 1	W	0	r	1	c, bc	*	41	39	.?
	Færder (Christiania Fjord)	30.16	36	N	4	0	30.04	-.13	34	33	- 3	?	5	0	1	0	*	37	34	-
	Skagen (The Scaw)	30.07	39	SE	2	0	30.00	-.09	39	37	- 1	S	2	0	0	0	*	41	37	-
	Fanö	29.97	37	ESE	4	c	29.91	-.06	35	35	- 1	E	2	m	*	c	*	41	35	-
British Islands.	Sumburgh Head	29.96	45	W	0	0	29.81	-.14	43	42	- 2	S	1	0	3	0	*	46	42	0.07
	Stornoway ...	29.88	45	SSE	2	0	29.77	-.11	44	43	+ 4	SSW	2	0	2	c, 0	1.4	45	39	-
	Wick	29.92	40	NW	2	c	29.79	-.11	38	38	- 1	W	2	bc	1	c	*	45	38	-
	Nairn	29.92	33	W	0	f	29.81	-.04	28	28	- 4	W	0	bc	1	f	*	34	24	-
	Aberdeen ...	29.95	40	NW	1	ogmr	29.86	-.07	32	31	- 6	W	1	bf	2	0, ogmr	0.0	41	32	0.16
	Leith	29.92	41	E	1	r	29.88	-.01	41	39	+ 1	W	2	om	*	0, p	*	43	37	0.03
	Shields	29.92	43	NW	2	f	29.91	+.03	38	37	0	SW	2	m	2	r, f, m	*	44	34	0.06
	Spurn Head ...	29.90	44	ESE	1	b	29.94	+.09	40	39	- 5	NSW	1	omw	2	c, 0, f	*	46	39	-
	York	29.92	34	N	1	0	29.96	+.07	33	33	- 2	NNW	1	b	*	0	*	40	33	-
	Loughborough ...	29.94	38	NNW	1	0	29.99	+.13	30	30	- 1	ESE	1	ofq	*	ogm, gf	*	39	30	-
	Ardrossan ...	29.91	41	NE	1	om	29.87	.00	45	44	+ 4	S	4	om	3	om	*	45	37	0.03
	Malin Head ...	29.89	41	S	1	om	29.84	-.03	40	38	- 1	S	3	opm	1	0, om	*	44	36	-
	Belmullet ...	29.92	40	SE	2	b	29.87	-.01	47	46	+ 7	C	2	0	*	b	*	49	36	0.03
	Donaghadee ...	29.92	42	NSW	2	0	29.92	+.05	35	35	- 10	NSW	2	f	0	0	*	45	34	0.02
	Liverpool (Bidston)	29.95	35	SE	1	b	29.97	+.11	32	31	- 1	SE	1	0	2	b	*	39	26	-
	Holyhead ...	29.91	41	E	1	ogf	29.94	+.08	44	41	+ 3	S	1	og	2	ogf	*	44	39	-
	Parsonstown ...	29.88	39	W	0	b	29.93	+.06	36	35	+ 6	W	0	rm	*	b	4.3	40	29	-
	Valencia ...	29.93	47	W	0	om	29.95	+.10	45	44	+ 2	ENE	1	0	2	cm, om	0.9	49	37	0.07
	Roche's Point ..	29.93	45	ESE	2	c	29.98	+.11	42	41	- 2	E	1	bc	2	c	*	49	39	-
	Pembroke (St. Ann's Hd.)	29.91	47	ESE	2	0	29.96	+.09	49	48	+ 6	SW	4	cp	2	0	0.0	49	42	-
	Scilly	29.89	48	W	1	cw	29.96	+.13	47	47	- 1	W	1	f	4	c, cw	4.6	53	46	-
	Prawle Point ...	29.95	41	NNW	1	0	30.02	+.15	47	43	+ 7	SSE	2	c	1	c, 0	*	49	39	-
	Jersey (St. Aubin's)	29.95	43	NW	1	bcm	30.06	+.21	40	40	- 3	NNW	2	of	2	0, bc, d	*	47	37	0.01
	Hurst Castle ...	29.93	39	NNE	1	bc	30.02	+.18	35	35	- 3	ENE	1	om	1	0 m, f	*	42	29	-
	Dungeness ...	29.89	39	NNE	1	f	30.01	+.21	38	38	- 4	NW	1	f	1	c, f	*	46	34	-
	North Foreland	29.89	43	SSE	1	c	30.01	+.19	39	38	- 4	W	1	ogm	2	c, em	*	46	38	-
	London (Brixton) ...	29.92	41	N	1	0	30.04	+.20	41	41	- 9	SW	1	fq	*	omg	0.0	42	31	-
	Oxford	29.96	37	NNW	1	0	30.02	+.15	33	32	+ 2	SW	1	ogm	*	o gm	*	38	28	-
	Cambridge ...	29.93	40	N	1	m	30.03	+.17	41	41	- 7	SW	1		*	om	0.0	42	29	-
	Yarmouth ...	29.88	45	E	1	c	29.97	+.14	38	32	- 12	W	3	4	3	c	*	46	30	-
Germany & Holland.	Cuxhaven ...	29.95	36	SE	2	bc	29.95	+.08	?35	?35	0	SE	1	r	*	bc	*	37	34	-
	Berlin	30.01	33	NE	1	0	29.93	-.06	36	35	+ 5	SE	1	r	*	0	*	36	31	0.35
	Wiesbaden ...	*	*	*	*	*	30.01	+.07	35	35	+ 6	W	0	0	*	*	*	36	29	0.08
	Munich... ..	29.99	35	SW	2	r	30.06	+.11	37	36	+ 3	W	5	r	*	r	*	39	34	0.20
	The Helder ...	29.91	36	E	1	f	† 29.91	+.02	44	43	+ 8	W	2	0	2	f	*	45	36	0.08
Belgium.	Brussels ...	*	*	*	*	*	30.01	+.15	39	39	0	NSW	1	0	*	0	*	41	37	-
	Cape Gris Nez...	29.88	45	NW	1	m	29.98	+.17	41	40	+ 2	N	1	m	1	m	*	45	36	-
	Paris	29.95	40	SSW	2	0	30.07	+.24	35	35	- 2	S	2	0	*	0	*	42	35	-
	Brest	?	50	SSW	1	c	?	?	49	48	+ 4	W	1	b	2	c	*	50	41	0.32
	Lorient... ...	29.97	46	W	0	c	30.05	+.29	46	44	0	S	1	bc	3	c	*	50	41	0.04
France &	Rochefort ...	30.02	43	W	0	m	30.11	+.17	39	38	- 2	W	0	bc	*	o, m	*	48	34	-
	Belfort	?	40	W	1	r	?	?	33	31	0	NW	1	c	*	r	*	42	30	0.04
	Lyons	30.00	43	SSW	1	bc	30.14	+.20	37	35	?	NNW	1	0	*	bc	*	50	35	-
	Nice	30.06	42	ENE	2	bc	30.06	+.08	39	36	0	E	3	b	3	bc	*	50	37	-
	Perpignan ...	29.98	49	W	0	0	30.05	+.12	48	48	+ 4	N	1	r	*	0	*	55	44	0.16
	Biarritz ...	29.94	58	E	3	0	30.06	+.24	47	45	- 3	SSE	1	0	2	0	*	55	45	-
Penin-sula.	Corunna ...																*			
	Lisbon	29.94	55	NNW	5	b	30.06	+.33	53	50	+ 3	N	5	bc	*	b	*	51	50	-
	Azores (P. Delgada)	30.27	57	SSE	5	c	30.20	-.14	61	58	+ 11	SSW	5	0	5	c	*	61	55	-

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.*

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FOR Thursday, 6th December, 1894.

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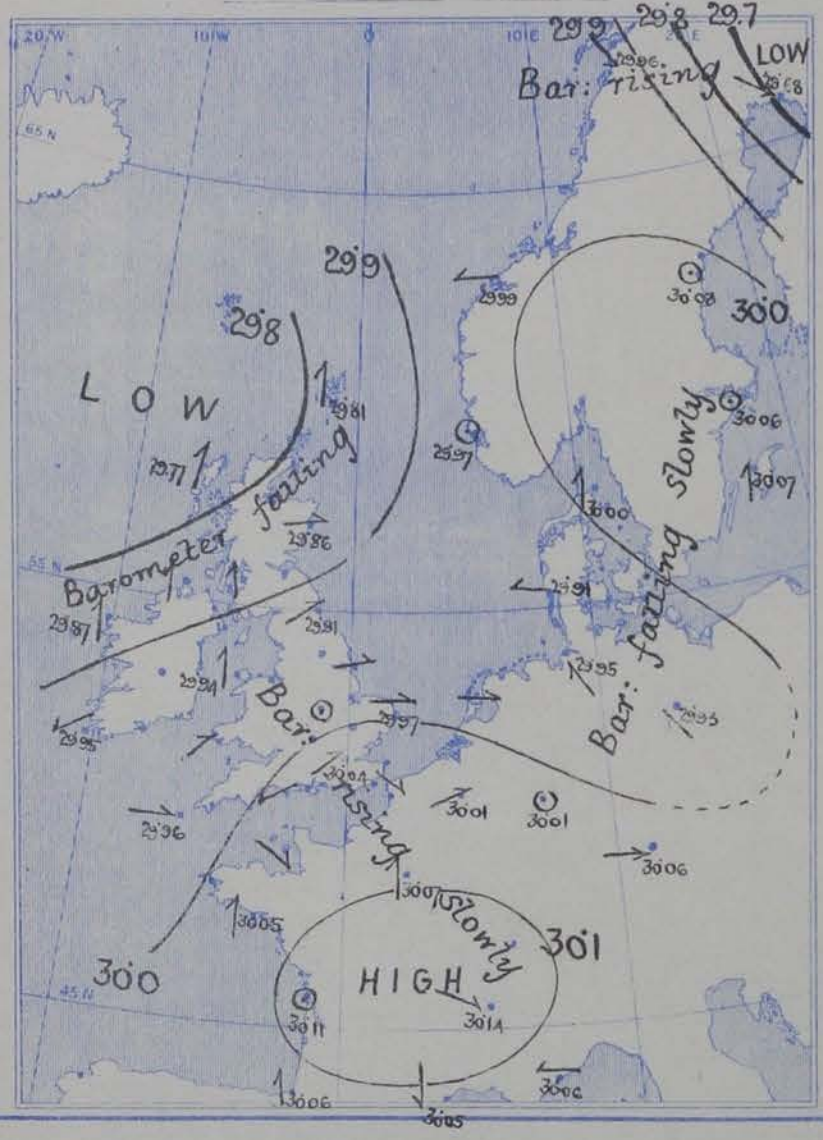
SEA—Rough ▤ ; High ▩



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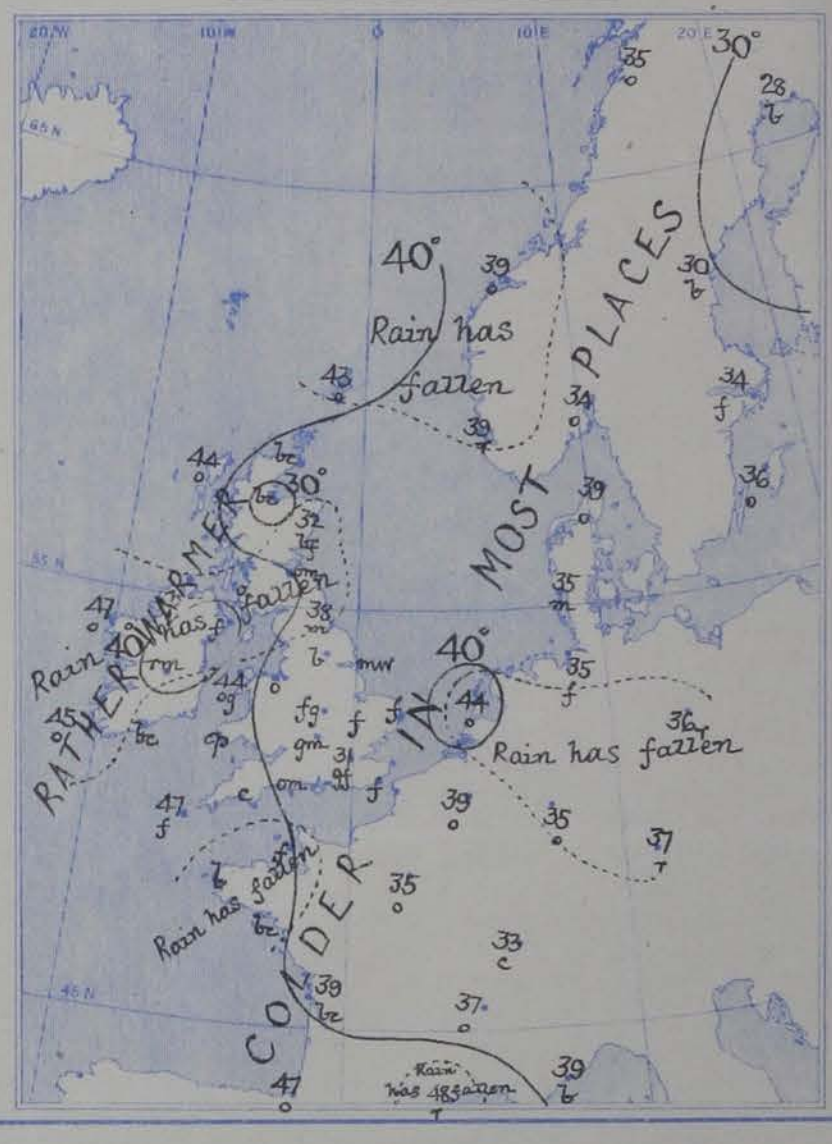

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Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·78	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·6	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 ins: and upwards, in an anticyclone lying over Central France; 30·0 ins: and upwards over the southern parts of Scandinavia.
Lowest, 29·7 ins: and less, in a depression over Lapland; 29·8 ins: and less, in a shallow disturbance off the northwest of Scotland.
Gradients slight. Barometer falling a little in the north and extreme west of our Islands as well as in Denmark, North Germany, and the south of Scandinavia, but rising elsewhere.

TEMPERATURE

Highest, 53° at Lisbon, 49° at Pembroke and Brest, 48° at Perpignan, and 47° at Belmullet, Scilly, Prawle Point, and Biarritz.
Lowest, (1) 28° at Haparanda, 30° at Hernösand, and 31° at Carlstadt; (2) 28° at Nairn, 30° at Loughborough, and 31° at Cambridge and in London.
Frost occurred last night in many parts of the United Kingdom; at Oxford the thermometer on the grass fell to 22°.

WIND

Light from the S.ward on our extreme north and northwest coasts, and from the SW.ward in most other parts of the Kingdom, but E.ly in the south of Ireland.
Variable in France. SW.ly in Denmark and North Germany; Variable in the south of Scandinavia. W.ly or NW.ly over Lapland.

WEATHER

Dull over Western Europe generally, with mist or fog in many places. Passing showers are falling at some of our western stations, and steady rain at Berlin, Munich and Perpignan.
Fine in the northeast of Scotland and the north of Sweden as well as at some of the western and southern French stations.
In the course of the past 12 hours slight rain has fallen at several of our western and northern stations, and also in some parts of France Germany and the Netherlands.

SEA

Slight or smooth generally

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Depressions are now beginning to approach our northwestern coasts, and less settled weather is probable in the western and northern parts of the Kingdom generally. Elsewhere the weather is likely to remain cloudy and misty for the present.

FORECASTS

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

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S.ly and SW.ly winds, freshening; dull, some rain.
1	SCOTLAND EAST	SW.ly winds, light; fair generally.
2	ENGLAND N.E.	Same as No 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	Light breezes, chiefly SW.ly; dull, with some mist or fog.
6	SCOTLAND WEST	Same as No 0
7	ENGLAND N.W.	SW.ly winds, light or moderate; dull, rain locally.
8	ENGLAND S.W.	
9	IRELAND NORTH	Same as No 0
10	IRELAND SOUTH	Same as Nos 7 and 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.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	? 30.11	41	39	2	0	c	2	Valencia	29.88	48	47	2	0	cm	2
Sumburgh Head	29.98	45	44	SSE	1	0	3	Scilly	29.87	53	49	WNW	1	c	4
Stornoway	29.90	45	44	SSE	1	c	2	Jersey	29.91	46	43	2	0	0	0
Aberdeen	29.95	40	39	WNW	2	ogpm	3	Hurst Castle ...	29.89	42	41	N	1	om	1
Shields	29.91	41	40	NW	2	f	2	Dungeness ...	29.84	46	44	NE	1	c	0
Ardrossan	29.89	41	40	NE	1	gf	0	North Foreland	29.85	46	44	SSE	1	c	2
Malin Head ...	29.90	44	41	NW	1	0	2	London (Westminster)	29.87	43	42	N	1	f	#
Belmullet	29.90	44	42	SE	2	b	#	Yarmouth ...	29.85	46	44	ESE	2	c	3
Holyhead	29.90	42	39	E	1	ogf	0	Rochefort ...	29.97	43	42	S	2	0	#

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

Weather in morning dull over the greater part of our Islands and the Continent, with fog or mist in many places, and with snow at Archangel and Kiew. Fine over the Gulf of Finland and the extreme south of Italy. Slight rain falling later at a few of our own western and northern stations, and larger amounts in some parts of France, Germany, and the Netherlands.

Temperature fallen in the west and north of our Islands as well as in many parts of Russia, but risen in most other localities. Morning readings highest 62° at Nemours, 60° at Oran and Algiers, 59° at Malta, and 55° at Athens, but below 50° on the Mediterranean coasts of France and Italy. Lowest 10° at Archangel and Kuopio, 20° at Ulealborg and Moscow, and 25° at St Petersburg; below the freezing point in many parts of Germany and Austria and also over the central parts of Ireland and England. Daily maxima below 45° over Great Britain as a whole and as low as 34° at Nairn, but thermometer reaching 50° or more in the Scilly Islands and the west and south of France. Frost occurring at night in many parts of the United Kingdom; thermometer on the grass falling to 22° at Oxford.

Wind light and variable in our Islands, S. or SE. in France and Italy, SE. or E. over Austria, Germany, Denmark, and the south of Scandinavia; S. over Finland and the northern parts of Scandinavia, NE. in the south of Russia and also over the Spanish Peninsula; S. over Algeria. Light SE. breezes springing up later on our extreme northwest coasts; no important change occurring elsewhere.

Barometer highest 30·4 ins. and upwards over northwestern Russia, 30·1 ins. and upwards in an anticyclone covering the greater part of northern, eastern, and southeastern Europe. Lowest 29·7 ins. and less. in a depression off the northwest of Norway; 29·8 ins. and less. in a shallow area over the southern parts of the Spanish Peninsula, and also in three small and exceedingly shallow depressions lying respectively over Brittany, the eastern part of the Channel, and off our extreme southwest coasts. No important change occurring during day.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

N.B.—The morning observations are 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, 7th December, 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	21	N	2	b	30·26	+·58	12	11	−16	NW	0	bc	*	b	*	36	9	-
	Hernösand ...	30·08	26	NW	0	bc	30·12	+·09	28	27	−2	NW	0	0	*	bc	*	37	25	-
	Stockholm ...	30·01	30	NW	0	0	30·02	−·04	36	35	+2	NE	2	0	*	0	*	36	28	-
	Wisby	29·99	35	S	4	r	30·00	−·07	35	35	−1	ESE	2	0	*	r	*	39	34	0·04
	Bodö	30·00	33	W	1	bc	29·84	−·12	35	33	0	ENE	4	0	2	bc	*	36	30	-
	Christiansund ...	29·82	40	SSE	2	0	29·82	−·17	41	39	+2	E	2	0	3	0	*	46	39	0·12
	Skudesnaes ...	29·89	41	SSE	6	bc	29·89	−·08	39	38	0	SSE	4	0	3	0, bc	*	41	37	?
	Færder (Christiania Fjord)	29·93	34	N	4	0	29·98	−·06	33	33	−1	N	4	0	1	0	*	34	32	-
	Skagen (The Scaw)	29·93	37	SSW	2	0	29·95	−·05	37	33	−2	WSW	2	0	2	0	*	39	36	-
	Fanö	29·91	36	NW	1	0	29·90	−·01	35	35	0	SE	3	0	*	0	*	37	34	-
	Sumburgh Head	29·71	38	W	1	b	29·68	−·13	44	43	+1	S	1	0	3	c, b	*	45	37	0·09
	Stornoway ...	29·69	45	WSW	1	c	29·55	−·22	44	43	0	SE	3	0p	3	c	0·0	46	32	0·19
	Wick	29·72	40	W	2	b	29·62	−·17	42	42	+4	S	1	b	1	b	*	42	35	-
	Nairn	29·74	41	NW	0	c	29·61	−·20	35	32	+7	NW	0	cm	1	c	*	43	24	-
	Aberdeen ...	29·81	34	SSE	1	cm	29·71	−·15	39	38	+7	S	2	ogm	3	cm	0·9	39	31	0·02
	Leith	29·84	42	NW	0	0	29·70	−·18	40	39	−1	SSE	1	0	*	0	*	44	39	0·01
	Shields	29·88	42	SW	1	bf	29·78	−·13	35	35	−3	S	3	f	2	f. bf	*	43	33	-
	Spurn Head ...	29·92	41	SW	3	om	29·89	−·11	40	39	0	S	3	om	3	o m	*	43	38	-
	York	29·92	37	NNW	1	0	29·81	−·15	38	38	+5	ESE	1	0	*	0	*	39	31	-
	Loughborough ...	29·97	40	ESE	1	0	29·84	−·15	41	41	+11	SE	2	f	*	cm, om f	*	42	30	-
British Islands.	Ardrossan ...	29·82	46	S	3	om	29·60	−·27	42	42	−3	E	4	rm	3	om	*	46	42	0·12
	Malin Head ...	29·79	41	S	4	bp	29·48	−·36	45	45	+5	S	4	or	2	b, p	*	45	39	0·09
	Belmullet ...	29·79	45	SE	2	op	29·53	−·34	44	43	−3	WSW	2	b	*	c, op	*	51	43	0·36
	Donaghadee ...	29·87	39	SW	3	c	29·59	−·33	48	48	+13	SSW	5	r	3	c	*	48	35	0·13
	Liverpool (Bidston)	29·93	41	SSE	1	0	29·75	−·22	39	38	+7	SE	3	m	2	0	*	43	32	0·01
	Holyhead ...	29·90	45	W	0	b	29·68	−·26	48	47	+14	S	5	a	4	c	*	48	43	0·09
	Parsonstown ...	29·84	43	E	1	c	29·57	−·36	47	46	+11	SSW	1	c	*	c, or	2·8	47	35	0·24
	Valencia ...	29·79	50	SSE	3	gmr	29·66	−·29	49	45	+14	WSW	5	0	4	0g, gmr	0·0	52	44	0·66
	Roche's Point ..	29·87	46	SSW	3	0	29·67	−·31	49	48	+7	WNW	4	c	3	bc, op	*	51	42	0·40
	Pembroke (St. Ann's Hd.)	29·91	50	ENE	2	bc	29·67	−·29	50	50	+1	WSW	5	rg	4	0, bc	0·4	50	43	0·08
	Scilly	29·94	49	SSW	2	c	29·78	−·18	50	49	+3	SSW	4	r	4	cf	3·0	50	46	0·32
	Prawle Point ...	29·97	47	WNW	2	bc	29·84	−·18	49	47	+2	SSW	3	0g	2	c, r	*	50	44	0·14
	Jersey (St. Aubin's)	30·02	50	SW	2	c	29·93	−·13	48	47	+8	S	3	0g	3	c, df, cw	*	50	39	0·01
	Hurst Castle ...	30·00	45	SW	1	c	29·86	−·16	48	47	+13	SSW	2	0	2	cm	*	46	35	0·03
	Dungeness ...	30·00	41	W	2	m	29·89	−·12	48	48	+10	S	4	r	3	m	*	48	36	0·07
	North Foreland	29·99	40	W	1	cf	29·88	−·13	46	45	+7	S	4	r	2	0, cf	*	46	35	0·03
	London (Brixton) ...	30·01	39	SW	1	0	29·88	−·16	41	40	+10	SW	1	0fg	*	0gf, 0, or	0·0	43	31	0·02
	Oxford	29·98	39	S	1	0	29·86	−·16	40	40	+7	SSW	1	f	*	0	*	42	33	-
	Cambridge ...	30·00	39	SW	1	0	29·87	−·16	36	36	+5	SW	1	f	*	0	0·0	41	29	-
	Yarmouth ...	29·96	38	W	2	cf	29·89	−·08	43	42	+10	S	2	0f	2	c	*	43	31	0·01
Germany & Holland.	Cuxhaven ...	29·96	40	W	0	f	29·97	+·02	36	36	+1	SSW	1	f	*	f	*	41	25	-
	Berlin	29·92	35	W	3	0	29·98	+·05	34	34	−2	WNW	3	0	*	0	*	36	34	0·04
	Wiesbaden ...	*	*	*	*	*	30·09	+·08	36	35	+1	W	0	0	*	*	*	39	35	-
	Munich	30·10	35	SW	3	0	30·06	·00	32	32	−5	SE	2	c	*	0	*	37	30	0·04
	The Helder ...	29·96	43	W	1	c	29·94	+·03	37	36	−7	S	1	bc	1	c	*	46	37	0·04
Belgium.	Brussels ...	*	*	*	*	*	30·01	·00	38	37	−1	SE	1	m	*	0	*	41	36	-
	Cape Gris Nez ...	30·00	44	W	1	m	29·91	−·07	43	42	+2	SSW	3	r	4	m	*	45	36	-
	Paris	30·10	39	SSW	2	b	30·03	−·04	37	37	+2	SSE	1	0	*	b	*	43	34	-
	Brest	?	49	N	1	bc	?	?	51	49	+2	SW	3	r	3	bc	*	54	46	0·08
	Lorient	?	49	WSW	1	bc	29·94	−·11	50	48	+4	W	4	c	3	bc	*	54	41	0·08
France &	Rochefort ...	30·13	44	SE	1	0	30·04	−·07	43	41	+4	S	3	0	*	0	*	50	39	-
	Belfort	?	37	WSW	1	c	?	?	30	29	−3	NE	1	m	*	c	*	40	28	-
	Lyons	30·15	41	N	1	0	30·05	−·09	37	36	0	N	1	0	*	0	*	45	36	-
	Nice	29·97	48	W	0	b	29·80	−·26	46	38	+7	E	3	b	2	b	*	55	39	-
	Perpignan ...	30·04	51	NW	3	0	29·93	−·12	46	42	−2	SW	3	b	*	0	*	53	45	0·20
	Biarritz ...	30·08	49	E	2	b	30·01	−·05	46	44	−1	SSE	2	0	2	b	*	55	43	-
Peninsula.	Corunna ...																*			
	Lisbon	30·16	57	NNW	5	c	30·21	+·15	54	51	+1	WSW	2	0	*	c	*	59	52	-
	Azores (P. Delgada)	30·17	61	SE	3	0	30·05	−·15	62	61	+1	SSE	5	c	5	0	*	63	59	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 ..... Friday, 7th December, 1894.

BAROMETER, WIND AND SEA.

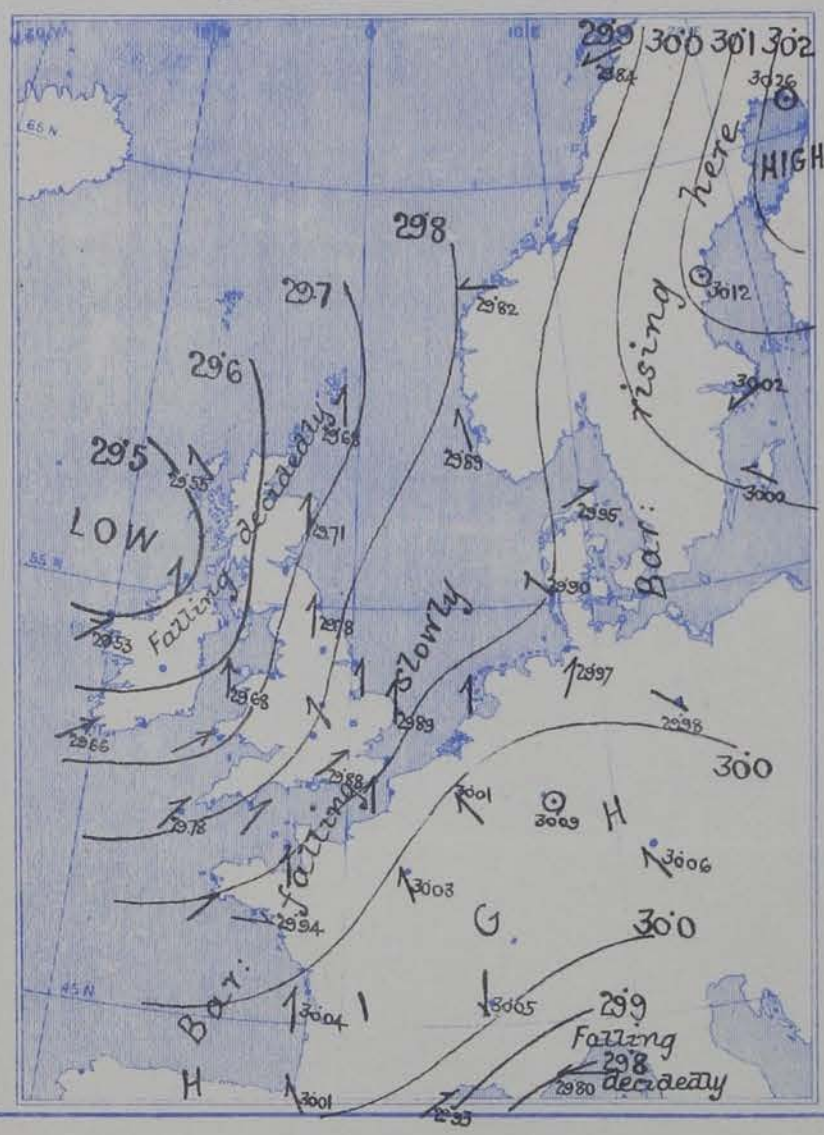
BAROMETER—Isobars are drawn for each tenth of an inch.

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 DECEMBER.*

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 · 673	39 · 6	38 · 1	42 · 6	35 · 2	4 · 25	—	—
Stornoway	29 · 705	39 · 4	38 · 5	43 · 1	34 · 2	5 · 63	27 · 6	14
Wick	29 · 718	38 · 1	36 · 8	42 · 2	32 · 7	3 · 10	—	—
Nairn	29 · 743	37 · 1	35 · 6	41 · 9	32 · 8	1 · 95	—	—
Aberdeen	29 · 767	36 · 9	35 · 2	41 · 9	32 · 6	3 · 24	37 · 9	19
Leith	29 · 807	38 · 5	37 · 0	44 · 0	33 · 7	1 · 86	—	—
Shields	29 · 845	38 · 3	36 · 9	42 · 9	33 · 9	2 · 57	—	—
Spurn Head	29 · 873	38 · 8	37 · 7	42 · 4	35 · 3	2 · 14	—	—
York	29 · 890	36 · 4	35 · 4	42 · 3	32 · 3	2 · 28	24 · 5	11
Loughborough	29 · 924	36 · 3	35 · 4	42 · 7	32 · 2	2 · 24	—	—
Ardrossan	29 · 820	40 · 0	38 · 7	44 · 5	35 · 9	3 · 73	—	—
Donaghadee	29 · 848	40 · 2	39 · 3	45 · 8	36 · 2	2 · 84	—	—
Holyhead	29 · 879	42 · 8	41 · 1	46 · 4	39 · 1	3 · 82	—	—
Liverpool	29 · 895	38 · 8	37 · 1	43 · 5	35 · 6	2 · 59	—	—
Parsonstown	29 · 901	37 · 8	36 · 6	44 · 7	33 · 1	3 · 04	44 · 4	19
Valencia	29 · 905	44 · 6	42 · 4	49 · 7	40 · 0	5 · 99	45 · 1	19
Roche's Point	29 · 912	42 · 9	41 · 5	47 · 9	38 · 9	4 · 95	—	—
Pembroke	29 · 916	43 · 6	42 · 2	46 · 8	40 · 3	3 · 99	46 · 2	20
Scilly	29 · 951	47 · 0	45 · 1	49 · 5	43 · 4	4 · 02	—	—
Prawle Point	29 · 970	42 · 5	41 · 1	47 · 0	38 · 2	3 · 76	—	—
Jersey	29 · 985	43 · 1	41 · 4	47 · 3	39 · 3	3 · 82	57 · 1	23
Hurst Castle	29 · 958	40 · 6	39 · 8	45 · 6	36 · 3	2 · 78	—	—
Dover	29 · 953	39 · 8	38 · 6	44 · 3	35 · 9	3 · 00	—	—
LONDON	29 · 954	37 · 8	36 · 7	44 · 0	33 · 9	2 · 10	19 · 4	8
Oxford	29 · 955	37 · 0	35 · 9	42 · 9	33 · 5	2 · 10	37 · 4	16
Cambridge	29 · 941	36 · 2	35 · 5	42 · 8	31 · 6	1 · 88	39 · 3	17
Yarmouth	29 · 916	37 · 9	37 · 0	41 · 9	33 · 7	2 · 66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins: and upwards in the south of Portugal and also in the north of Sweden.
Lowest, 29·5 ins: and less. in a depression lying off our extreme northwest coasts.
Gradients slight. Barometer falling at all but the Swedish and German stations — most in the northwest of our Islands.

TEMPERATURE

Highest, 54° at Lisbon, 51° at Burl, 50° at Pembroke, Scilly, and Loient, and 49° at Valencia (Ireland), Rockerbunt and Pravle Point.
Lowest, (1) 12° at Haparanda, 28° at Hernösand, and 32° at Carlstadt; (2) 30° at Belfort and 32° at Munich; (3) 35° at Nairn and Shields.
The maxima registered yesterday were below 45° at most of our northern, eastern and central stations; at Aberdeen and York the thermometer did not exceed 39°.

WIND

W↑ or SW↑ in the west and south of Ireland, and S↑ over Great Britain and France; light or moderate in force generally but fresh at some of our western stations.
Variable in Germany; SE↑ on the eastern shores of the North Sea; calm over the northern parts of Sweden.

WEATHER

Dull and rainy at many of our western stations, as well as in the extreme southeast of England; foggy over Central England.
Cloudy or overcast at most of the Continental stations, but fine and bright in the extreme south of France.
Since yesterday morning rain has fallen in the west and south of our Islands generally, as well as in many other parts of Western Europe, the amounts being slight generally, but rather large (0·7 in:) at Valencia Ireland.

SEA

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

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off our northwest coasts will probably move northwards. Small secondary systems are apparently forming in the west and these are likely to advance eastwards or northeastwards, so that rain is probable in most parts of the Kingdom.

FORECASTS

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

DISTRICTS.		FORECASTS.
↓ 0	SCOTLAND NORTH	S↑ winds, freshening; dull, some rain, milder.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	S↑ to SW↑ winds, moderate, mild, unsettled, some rain.
↓ 6	SCOTLAND WEST	Same as Nos 0 & 1.
7	ENGLAND N.W.	SW↑ to S↑ winds, freshening; mild, unsettled, some rain.
8	ENGLAND S.W.	
↓ 9	IRELAND NORTH	SW↑ to S↑ winds, increasing in force; fair to unsettled and rainy.
↓ 10	IRELAND SOUTH	
	WARNINGS	At 7·10 pm yesterday to districts 6, 10, and parts of 0 and 9. "Hoist South Cone".

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	? 29·89	41	40	SSE	4	o	2	Valencia	29·85	51	50	SSE	3	og	4
Sumburgh Head	29·72	44	43	S	1	c	3	Scilly	29·96	49	47	W	3	c	4
Stornoway	29·71	45	45	SW	3	r	3	Jersey	30·03	49	48	SSE	2	c	2
Aberdeen	29·81	37	36	W	1	cm	2	Hurst Castle ...	30·01	44	43	NNE	1	cm	1
Shields	29·89	41	40	SW	1	f	2	Dungeness ...	30·00	39	39	WNW	2	m	1
Ardrossan	29·85	46	44	S	3	om	3	North Foreland	30·02	40	39	W	1	o	2
Malin Head ...	29·80	45	44	SSW	4	b	2	London (Westminster)	30·00	41	39	W	1	ogf	*
Belmullet	29·84	50	48	NE	2	c	*	Yarmouth ...	29·96	38	37	W	2	f	3
Holyhead	29·92	47	45	W	2	c	1	Rochefort ...	30·13	47	46	NE	1	c	*

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

Weather in morning dull over the greater part of our Islands and the Continent, with mist or fog in many places; showers reported at several of our more western stations and steady rain in many parts of Germany and Italy, as well as at Skudesnaes and Perpignan; snow falling at Archangel. Fine and bright in the north of Sweden and many parts of Russia, as well as in the southern parts of the Spanish Peninsula. Rain falling later in the west and south of our Islands generally, and also at several of the Continental stations.

Temperature risen in the extreme west of our Islands as well as over northern Russia, fallen in most other localities. Morning readings highest 65° at Malta, 63° at Cagliari, and 58° at Barcelona and Algiers, above 50° at most of the Mediterranean stations. Lowest 12° at Kharkov, 17° at Moscow, and 22° at Kiew; below the freezing point in most parts of northern and eastern Europe, as well as in the inland parts of Great Britain. Daily maxima below 45° over Great Britain as a whole, and below 40° at some of our ~~other~~ northern stations; thermometer exceeding 50° in the south of Ireland and also in the west and south of France.

Wind light from the S.ward on our extreme north and northwest coasts and from the SW.ward in most other parts of our Islands, but E.ward in the south of Ireland. Variable in France, light from between S. and E. over Denmark, Germany, Austria, and the south of Russia. Moderate to strong from the W.ward or NW.ward over the northern parts of Sweden and Russia. NE.ward over Italy and the Spanish Peninsula. Light S.ward or SE.ward breezes setting in later on our extreme western coasts generally.

Barometer highest 30·6 in. and upwards in an anticyclone over the south of Russia; 30·1 in. and upwards in a separate system over France and the northwest of Spain. Lowest 29·3 in. and less, in a well marked depression over the extreme north of Russia; 29·8 in. and less, in a shallow disturbance over the extreme north and northwest of Scotland, and also in another system over Algeria. New depression approaching our western coasts later, and barometer falling generally,—rather decidedly in Ireland.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

N.B.—The morning observations are 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, 8th December, 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 ...	30·32	25	SE	4	0	30·29	+·03	20	20	+ 8	S	4	0	*	0	*	?	7	-
	Hernösand ...	30·15	33	SSE	2	0	30·16	+·04	33	31	+ 5	SSE	2	0	*	0	*	36	23	-
	Stockholm ...	30·06	37	E	2	r	30·04	+·02	36	36	0	E	2	r	*	r	*	39	30	0·12
	Wisby	30·00	37	SE	4	0	30·01	+·01	36	36	+ 1	ESE	4	0	*	0	*	39	34	0·08
	Bodö	29·88	33	E	4	8	29·94	+·10	35	31	0	ENE	4	b	2	S	*	36	28	-
	Christiansund ...	29·88	41	E	3	0	29·80	-·02	39	35	- 2	E	3	b	3	0	*	41	37	-
	Skudesnaes ...	?29·86	42	SE	4	0	?29·81	-·08	41	38	+ 2	SE	6	0	4	0	*	42	39	?
	Færder (Christiania Fjord)	30·00	35	N	4	0	30·00	+·02	35	34	+ 2	NNE	4	0	1	0	*	35	33	-
	Skagen (The Scaw)	29·96	37	W	0	0	29·95	·00	38	36	+ 1	W	0	0	0	0	*	38	34	-
	Fanö	29·89	39	S	2	m	29·89	-·01	36	36	+ 1	SSE	4	m	*	m	*	39	35	-
	Sumburgh Head	29·52	46	S	8	0	29·65	-·03	44	42	0	NNW	3	bc	4	0	*	47	41	0·07
	Stornoway ...	29·36	45	W	2	r	29·78	+·23	36	35	- 8	NW	1	b	1	r	0·0	46	34	0·86
	Wick	29·43	43	S	6	0	29·77	+·15	35	35	- 7	NW	2	bc	2	0	*	45	35	0·10
	Nairn	29·42	43	SSW	1	bc	29·82	+·21	37	35	+ 2	W	1	b	1	bc	*	44	32	0·03
	Aberdeen ...	29·53	44	S	4	ogrq	29·82	+·11	39	37	0	NW	2	c	3	orgq	0·0	46	36	0·14
	Leith	29·52	45	SSE	1	r	29·86	+·16	40	39	0	W	1	bc	*	r	*	47	36	0·06
	Shields	29·61	43	S	3	or	29·81	+·03	39	38	+ 4	NNW	2	c	2	f.r	*	44	34	0·07
	Spurn Head ...	29·70	44	S	3	rm	29·81	-·02	39	39	- 1	NNW	2	bm	2	om.r	*	45	37	0·10
	York	29·67	43	ESE	2	r	29·82	+·01	37	36	- 1	NNE	1	b	*	r	*	44	32	0·04
	Loughborough ...	29·72	47	SSW	3	r	29·85	+·01	39	38	- 2	WNW	1	bc	*	cm.r.cp	*	47	39	0·07
British Islands.	Ardrossan ...	29·53	47	W	3	cp	29·91	+·31	43	41	+ 1	NW	1	b	1	r. cp	*	48	39	0·22
	Malin Head ...	29·53	47	SSW	2	cp	29·93	+·45	44	39	- 1	NW	3	b	2	c. cp	*	48	43	0·10
	Belmullet ...	29·62	45	WSW	3	cp	30·00	+·47	38	37	- 6	ESE	3	0	*	0	*	49	37	0·35
	Donaghadee ...	29·59	42	SSW	4	b	29·94	+·35	38	37	- 10	W	4	b	2	b	*	49	38	0·19
	Liverpool (Bidston)	29·66	46	WSW	1	0	29·88	+·13	44	42	+ 5	WNW	3	c	4	0	*	46	38	0·26
	Holyhead ...	29·64	47	SW	5	b	29·91	+·23	47	44	- 1	NW	6	c	5	r. c. b	*	50	43	0·58
	Parsonstown ...	29·62	42	W	1	c	30·03	+·46	31	30	- 16	W	0	0	*	0. c	1·0	48	31	0·06
	Valencia ...	29·77	48	WNW	7	cqlp	30·04	+·38	36	34	- 13	NE	1	b	4	cp. cqlp	1·4	51	35	0·04
	Roche's Point ..	29·70	46	WNW	4	b	30·07	+·40	40	39	- 9	N	2	bc	3	p. b	*	51	39	0·01
	Pembroke (St. Ann's Hd.)	29·73	51	W	5	bc	29·98	+·31	45	44	- 5	NNW	4	b	4	0. bc	0·4	51	45	0·19
	Scilly	29·77	50	WNW	5	cp	30·01	+·23	48	44	- 2	NNW	4	c	4	c. cp	2·2	54	44	0·01
	Prawle Point ...	29·80	50	SW	4	r	29·96	+·12	45	43	- 4	WNW	4	c	2	p	*	50	43	0·42
	Jersey (St. Aubin's)	29·90	51	SSW	4	ogr	29·96	+·09	50	46	+ 2	WNW	4	og	3	ogr	*	51	47	0·17
	Hurst Castle ...	29·81	50	WSW	4	or	29·88	+·02	43	42	- 5	NW	3	b	3	op	*	50	42	0·24
	Dungeness ...	29·83	49	SSW	4	c	29·77	-·12	43	43	- 5	W	2	b	1	c	*	49	43	0·58
	North Foreland	29·84	48	SSW	2	rgm	29·82	-·06	44	43	- 2	NW	3	0	3	0. grm	*	48	43	0·43
	London (Brixton) ...	29·80	47	S	2	0	29·89	-·05	40	39	- 1	NW	2	b	*	ogs. b. or	0·0	49	40	0·16
	Oxford	29·75	47	S	2	r	29·87	+·01	41	39	+ 1	NW	1	0	*	op	*	47	36	0·44
	Cambridge ...	29·77	46	SW	2	r	29·82	-·05	42	42	+ 6	NW	2	r	*	0. r	0·0	47	34	0·10
	Yarmouth ...	29·79	46	SSW	3	r	29·79	-·10	43	42	0	WNW	2	cf	3	c. r	*	47	40	0·28
Germany & Holland.	Cuxhaven ...														*		*			
	Berlin	30·01	37	E	1	0	30·01	+·03	34	34	0	SW	1	0	*	0	*	37	34	0·04
	Wiesbaden ...	*	*	*	*	*	30·02	-·07	35	34	- 1	W	0	0	*	*	*	39	34	-
	Munich... ..	29·99	31	SE	4	0	30·01	-·05	31	31	- 1	NW	2	0	*	0	*	36	30	-
	The Helder ...	?29·88	41	S	2	r	?29·80	-·14	40	39	+ 3	S	3	0	2	r	*	45	37	0·08
France & Belgium.	Brussels ...	*	*	*	*	*	29·86	-·15	39	38	+ 1	SSE	4	r	*	0	*	44	38	0·04
	Cape Gris Nez...	29·86	46	WSW	4	bc	29·81	-·10	47	46	+ 4	WNW	4	r	4	bc	*	48	39	0·35
	Paris	29·99	43	SSW	2	0	29·91	-·12	39	39	+ 2	SSW	2	0	*	0	*	44	37	0·16
	Brest	?	53	W	8	bc	?	?	50	47	- 1	N	4	bc	2	bc	*	53	46	0·04
	Lorient... ...	30·14	52	SW	4	c	30·03	+·09	48	45	- 2	NW	4	b	4	c	*	52	46	0·12
	Rochefort ...	30·02	45	SSE	3	0	30·08	+·04	48	48	+ 5	W	3	0	*	0	*	48	41	0·04
	Belfort	?	36	NE	1	m	?	?	39	39	+ 3	E	1	m	*	m	*	37	26	-
	Lyons	30·01	35	NNW	1	b	30·08	+·03	36	32	- 1	N	1	0	*	b	*	44	32	-
	Nice	29·74	48	W	0	b	29·75	-·05	44	37	- 2	E	2	b	2	b	*	54	43	-
	Perpignan ...	29·90	50	NW	3	c	30·00	+·07	46	42	0	NW	3	bc	*	c	*	53	45	-
	Biarritz ...	30·00	51	S	2	0	30·00	-·01	48	44	+ 2	S	2	bc	3	0	*	54	45	-
Penin-sula.	Corunna																*			
	Lisbon	30·20	54	WNW	3	b	30·20	-·01	52	49	- 2	WNW	1	b	*	b	*	61	50	0·04
	Azores (P. Delgada)	29·15	61	SSE	8	r	29·48	-·57	61	59	- 1	W	7	0	9	r	*	64	61	0·20

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

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

WEATHER CHARTS

FOR ..... Saturday, 8th December, ... 1894.

BAROMETER, WIND AND SEA.

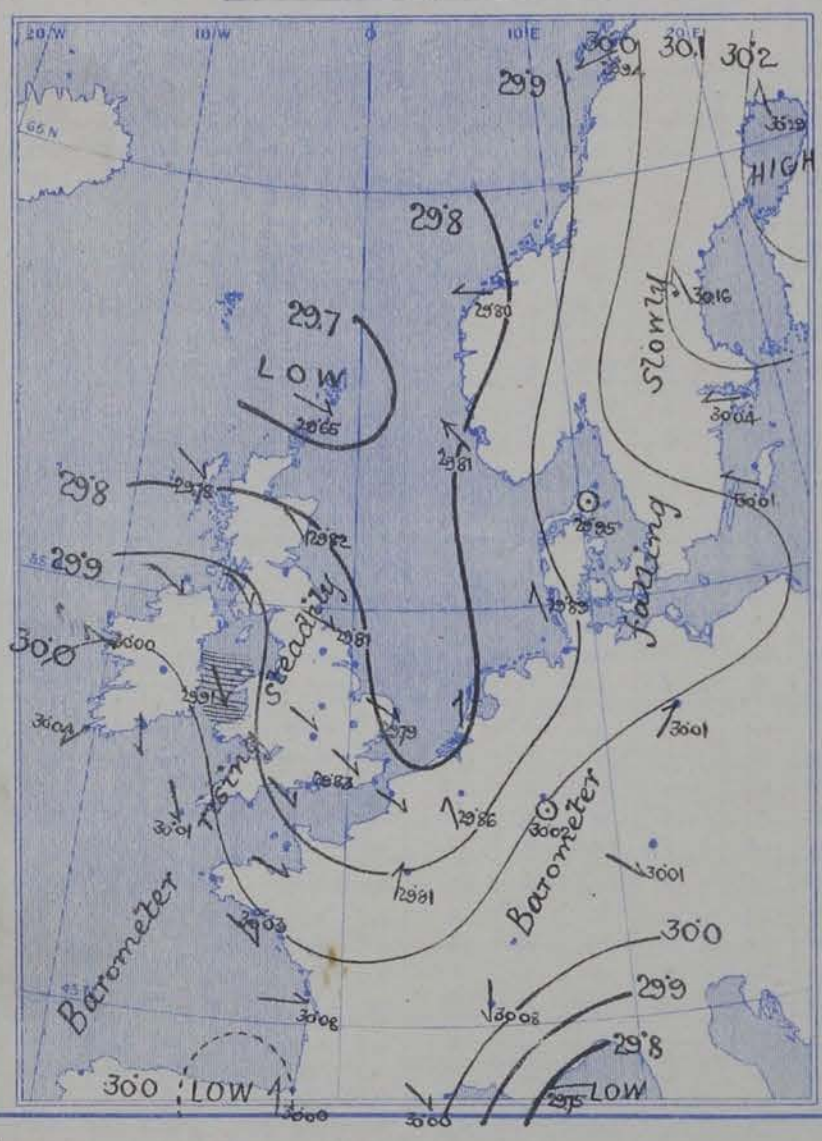
BAROMETER—Isobars are drawn for each tenth of an inch.

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* ▩

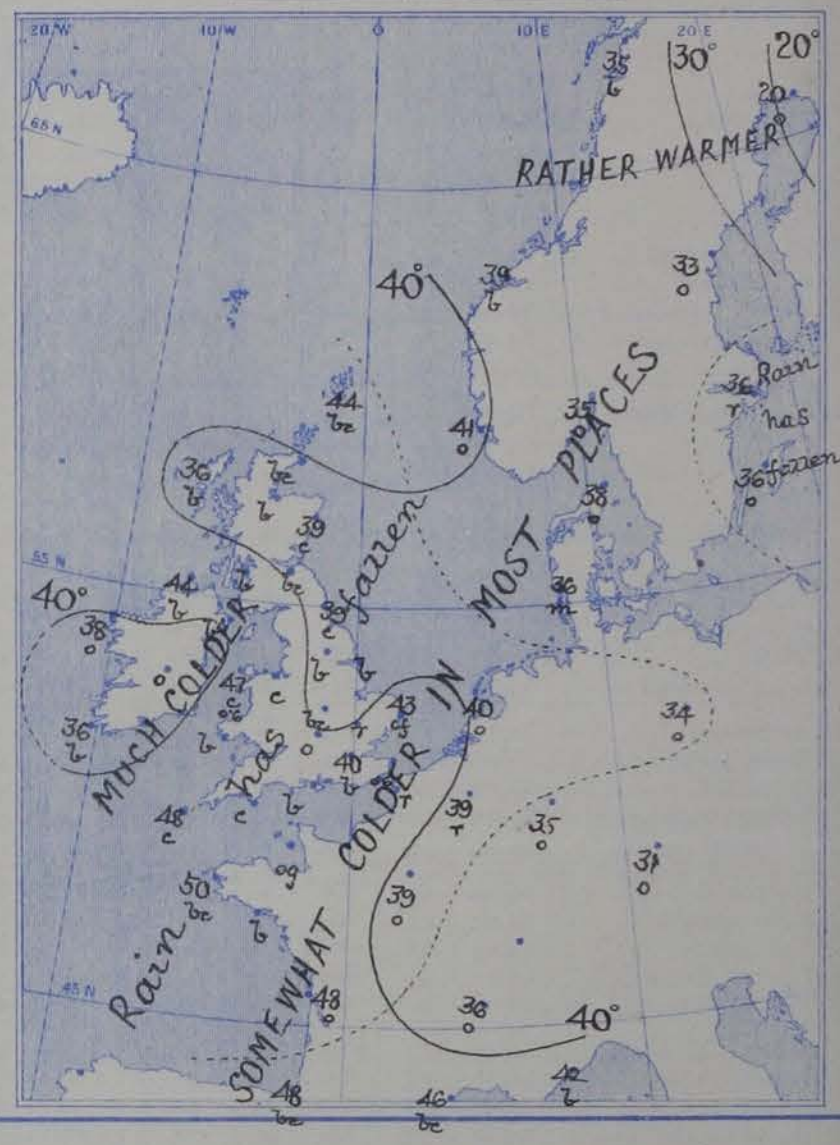


TEMPERATURE & WEATHER.

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 DECEMBER.*

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 · 673	39 · 6	38 · 1	42 · 6	35 · 2	4 · 25	—	—
Stornoway	29 · 705	39 · 4	38 · 5	43 · 1	34 · 2	5 · 63	27 · 6	14
Wick	29 · 718	38 · 1	36 · 8	42 · 2	32 · 7	3 · 10	—	—
Nairn	29 · 743	37 · 1	35 · 6	41 · 9	32 · 8	1 · 95	—	—
Aberdeen	29 · 767	36 · 9	35 · 2	41 · 9	32 · 6	3 · 24	37 · 9	19
Leith	29 · 807	38 · 5	37 · 0	44 · 0	33 · 7	1 · 86	—	—
Shields	29 · 845	38 · 3	36 · 9	42 · 9	33 · 9	2 · 57	—	—
Spurn Head	29 · 873	38 · 8	37 · 7	42 · 4	35 · 3	2 · 14	—	—
York	29 · 890	36 · 4	35 · 4	42 · 3	32 · 3	2 · 28	24 · 5	11
Loughborough	29 · 924	36 · 3	35 · 4	42 · 7	32 · 2	2 · 24	—	—
Ardrossan	29 · 820	40 · 0	38 · 7	44 · 5	35 · 9	3 · 73	—	—
Donaghadee	29 · 848	40 · 2	39 · 3	45 · 8	36 · 2	2 · 84	—	—
Holyhead	29 · 879	42 · 8	41 · 1	46 · 4	39 · 1	3 · 82	—	—
Liverpool	29 · 895	38 · 8	37 · 1	43 · 5	35 · 6	2 · 59	—	—
Parsonstown	29 · 901	37 · 8	36 · 6	44 · 7	33 · 1	3 · 04	44 · 4	19
Valencia	29 · 905	44 · 6	42 · 4	49 · 7	40 · 6	5 · 99	45 · 1	19
Roche's Point	29 · 912	42 · 9	41 · 5	47 · 9	38 · 9	4 · 95	—	—
Pembroke	29 · 916	43 · 6	42 · 2	46 · 8	40 · 3	3 · 99	46 · 2	20
Scilly	29 · 951	47 · 0	45 · 1	49 · 5	43 · 4	4 · 02	—	—
Prawle Point	29 · 970	42 · 5	41 · 1	47 · 0	38 · 2	3 · 76	—	—
Jersey	29 · 985	43 · 1	41 · 4	47 · 3	39 · 3	3 · 82	57 · 1	23
Hurst Castle	29 · 958	40 · 6	39 · 8	45 · 6	36 · 3	2 · 78	—	—
Dover	29 · 953	39 · 8	38 · 6	44 · 3	35 · 9	3 · 00	—	—
LONDON	29 · 954	37 · 8	36 · 7	44 · 0	33 · 9	2 · 10	19 · 4	8
Oxford	29 · 955	37 · 0	35 · 9	42 · 9	33 · 5	2 · 10	37 · 4	16
Cambridge	29 · 941	36 · 2	35 · 5	42 · 8	31 · 6	1 · 88	39 · 3	17
Yarmouth	29 · 916	37 · 9	37 · 0	41 · 9	33 · 7	2 · 66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins: and upwards over the Gulf of Bothnia and also over the extreme south of the Spanish Peninsula.
Lowest, 29·7 ins: and less, in a shallow depression near the Shetlands; 29·8 ins: and less, in a secondary disturbance over the southern part of the North Sea.
Gradients slight. Barometer rising in our Islands and France, but falling at most of the Scandinavian, Danish and German stations.

TEMPERATURE

Highest, 52° at Lisbon, 50° at Jersey and Brest, and 48° at Scilly, Lorient, Rochefort, and Biarritz.
Lowest, (1) 20° at Haparanda and 33° at Hernösand; (2) 31° at Parsonstown and 35° at Wick; (3) 31° at Munich and 34° at Berlin.
Slight frost occurred last night at many of our northern and central stations.

WIND

Light to moderate from the NW. over the greater part of our Islands, and also in the north of France, but E. or NE. in the west of Ireland, S. over the Netherlands, and SW. in Germany, but SE. or E. in Denmark and Scandinavia.
Variable over the southern parts of France.

WEATHER

Fair or fine over our Islands, the west and south of France and the west of Norway.
Dull in most other parts of our area with rain at Stockholm, Brussels, and Cape Gris Nez.
Rain fell yesterday over nearly the whole of Western Europe, the largest amounts being 0·6 in: at Holyhead and Dungeness. Solar halos were seen in London and Jersey.

SEA

Moderate to smooth generally, but rather rough at Holyhead

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Although the barometer is at present rising in the west the changes in wind seem to indicate the formation of a depression off our southwest coasts. In all the more northern and eastern parts of the Kingdom, however, the weather for the next twenty-four hours is likely to remain fair, with a decided fall of temperature.

FORECASTS

For the 24 hours ending at NOON on 9TH DECR 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	W. and NW. winds, light; fair generally
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No 5
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	NW. winds, light; fair generally, frosty at night with local fogs
6	SCOTLAND WEST	Same as No 5.
7	ENGLAND N.W.	
8	ENGLAND S.W.	NW. winds, backing later; fair to cloudy and some rain.
9	IRELAND NORTH	NW. winds, falling light and shifting to the E.; fair generally.
10	IRELAND SOUTH	E. winds, light or moderate; fine to dull and some rain.
	WARNINGS	At 10·15 am to districts 6, 10, and parts of 0 and 9 "LOWER CONE"

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	? 29·89	41	39	SSE	6	0	3	Valencia	29·62	50	46	SW	6	cp	5
Sumburgh Head	? 29·60	45	42	S	2	be	4	Scilly	29·78	53	51	SW	5	c	4
Stornoway	29·38	45	45	SE	4	r	4	Jersey	29·88	50	49	SW	5	o	4
Aberdeen	29·58	44	43	SSE	5	oggr	5	Hurst Castle ...	29·82	50	49	SSW	3	cp	2
Shields	29·68	40	40	S	3	f	2	Dungeness ...	29·84	49	48	SSW	4	c	3
Ardrossan	29·49	48	48	S	3	r	3	North Foreland	29·85	47	46	SSW	3	o	3
Malin Head ...	29·46	47	45	SW	4	c	2	London (Westminster)	29·81	50	49	SW	2	odm	*
Belmullet	29·53	46	45	SW	3	op	*	Yarmouth ...	29·80	47	45	SSW	3	c	3
Holyhead	29·60	50	49	SW	6	c	5	Rochefort ...	30·02	46	41	S	3	o	*

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

Weather in morning dull and rainy at many of our more western and also at our extreme southeastern stations; foggy over Central England. Cloudy or dull over the greater part of the Continent, with fog in many parts of Germany and Austria, and with snow at Neufahrwasser. Rain falling at Cagliari and several of the Algerian stations, and a thunderstorm reported at Tunis. Rain extending later over the whole of the United Kingdom, the Netherlands and the north of France, but weather improving on our western coasts. Solar halos seen in London and at Jersey.

Temperature risen in most countries, but fallen over Sweden and northern Russia. Morning readings highest 64° at Malta, 59° at Palermo, and 58° at Lesina, Nemours, and Algiers; above 50° at most of the Mediterranean and Spanish coast stations, and just reaching that point at Pembroke. Lowest 12° at Haparanda, 13° at Uleaborg, 15° at Kuopio, and 16° at Archangel; below the freezing point in many parts of Germany and Austria. Rising during day to 45° and upwards over the United Kingdom generally and to between 50° and 54° on our south and southwest coasts, as well as in the west and south of France. Slight frost occurring at many of our northern and central stations at night.

Wind W$^{\frac{1}{2}}$ or SW$^{\frac{1}{2}}$ in the west and south of Ireland and S$^{\frac{1}{2}}$ over Great Britain and France; light or moderate in force generally but fresh at some of our western stations. SW$^{\frac{1}{2}}$ or W$^{\frac{1}{2}}$ in Germany, SE$^{\frac{1}{2}}$ on the eastern shores of the North Sea, calm in the north of Sweden; NW$^{\frac{1}{2}}$ over Northern Russia. Variable in Austria and also over the Spanish Peninsula and the south of France; E$^{\frac{1}{2}}$ (SE to NE) in Italy, NW$^{\frac{1}{2}}$ in Sardinia; SW$^{\frac{1}{2}}$ or W$^{\frac{1}{2}}$ in Sicily and Malta. Subsequently veering to the W$^{\text{ward}}$ on our western and southern coasts generally; no important change occurring elsewhere.

Barometer highest 30·2 ins. and upwards in three areas — one lying over Lapland, another over the Black Sea and the south of Russia, and the third over the extreme south of the Spanish Peninsula. Lowest 29·5 ins. and less, in a shallow depression off our extreme northwest coasts, and also in a deeper disturbance lying between Sardinia and Italy. Depression in northwest subsequently moving northeastwards; shallow secondary disturbances passing eastwards across Ireland and England.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

N.B.—The morning observations are 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 Sunday 9th December, 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 ...	30·31	19	SSE	4	o	30·20	−·09	20	19	0	SSE	2	o	*	o	*	?	12	—
	Hernosand ...	30·09	32	SSE	2	b	30·12	−·04	32	30	− 1	Z	o	o	*	b	*	37	30	—
	Stockholm ...	30·11	37	E	2	o	30·12	+·08	37	36	+ 1	Z	o	o	*	o	*	37	36	008
	Wisby	30·28	34	SE	4	b	30·13	+·12	39	33	− 3	E	4	b	*	b	*	41	32	004
	Bodö	29·93	35	ENE	4	c	29·86	−·08	35	33	0	ENE	4	o	2	c	*	36	28	—
	Christiansund ...	29·86	41	SW	1	o	29·94	+·14	41	37	+ 2	WSW	3	bc	4	o	*	41	37	—
	Skudesnaes ...	29·96	41	SE	4	o	30·08	+·27	42	42	+ 1	SE	4	o	4	T,c	*	42	39	?
	Færder (Christiania Fjord)	30·07	36	NE	2	o	30·11	+·11	35	34	0	N	2	r	1	o	*	36	34	—
	Skagen (The Scaw)	30·03	37	S	1	o	30·09	+·14	40	40	+ 2	SW	1	r	0	o	*	40	36	012
	Fanö	29·96	38	SSE	4	r	29·99	+·10	43	43	+ 7	SW	2	c	*	r	*	43	36	016
British Islands.	Sumburgh Head	29·86	43	W	2	bc	29·95	+·30	42	41	− 2	W	1	c	3	bc	*	46	40	010
	Stornoway ...	29·94	38	WNW	2	b	29·84	+·06	45	42	+ 9	SSW	6	cur	5	b,cu	3·4	45	35	002
	Wick	29·92	37	NW	1	b	29·93	+·16	40	38	+ 5	SW	2	bc	1	b	*	42	35	—
	Nairn	29·98	37	WNW	1	b	29·94	+·12	34	32	− 3	Z	0	b	1	b	*	42	29	—
	Aberdeen ...	30·03	34	SW	1	b	30·03	+·21	33	32	− 6	SW	1	cw	3	bmb	5·2	41	28	—
	Leith	30·04	38	Z	0	b	30·00	+·14	37	36	− 3	SE	1	o	*	b	*	43	28	—
	Shields	30·05	40	NW	2	b	30·07	+·26	36	35	− 3	SW	1	c	2	c,b	*	44	31	—
	Spurn Head ...	30·03	44	NW	2	o	30·11	+·30	42	41	+ 3	ESE	1	cw	2	o,p	*	45	38	—
	York	30·05	38	NNW	1	b	30·11	+·29	35	35	− 2	S	1	o	*	b	*	45	29	—
	Loughborough ...	30·07	36	NW	1	bc	30·12	+·27	34	34	− 5	SE	1	afw	*	bc,comf	*	47	31	—
	Ardrossan ...	30·03	38	NE	1	b	29·96	+·05	41	40	− 2	E	2	ow	2	b	*	50	35	—
	Malin Head ...	30·02	39	SSE	2	o	29·84	−·09	43	41	− 1	SSE	4	o	2	o	*	44	37	—
	Belmullet ...	29·96	42	SE	3	o	29·71	−·29	44	42	+ 6	S	4	o	*	o	*	45	37	016
	Donaghadee ...	30·07	35	W	3	mr	29·93	−·01	47	45	+ 9	SSE	6	c	4	mr	*	47	33	001
	Liverpool (Bidston)	30·08	41	Z	0	b	30·05	+·17	37	36	− 7	SE	4	o	3	b	*	45	35	—
	Holyhead ...	30·07	43	Z	0	mr	29·97	+·06	44	41	− 3	S	4	ogw	3	cw	*	47	38	—
	Parsonstown ...	30·05	37	SE	1	bc	29·79	−·24	45	43	+ 14	E	2	o	*	bc	0·0	45	30	—
	Valencia ...	29·95	46	SE	4	rg	29·56	−·48	51	47	+ 15	ESE	7	o	5	og,r	0·0	51	35	010
	Roche's Point ..	30·04	47	SSE	4	bc	29·73	−·34	50	48	+ 10	S	7	o	4	bc	*	50	40	—
	Pembroke (St. Ann's Hd.)	30·06	45	Z	0	b	29·90	−·08	47	47	+ 2	SSE	6	bc	4	b	1·3	47	42	—
	Scilly	30·06	47	Z	0	cw	29·84	−·17	51	49	+ 3	SE	7	o	5	cw	4·4	51	44	—
	Prawle Point ...	30·00	42	NNW	3	b	30·02	+·06	48	46	+ 3	ESE	5	c	4	c,b	*	54	39	—
	Jersey (St. Aubin's)	30·08	46	NNW	3	b	30·10	+·14	47	44	− 3	SE	5	ow	4	c,bw	*	51	35	—
	Hurst Castle ...	30·07	41	NNW	1	b	30·09	+·21	42	42	− 1	ENE	2	ow	2	bc,b	*	49	32	—
	Dungeness ...	30·00	41	NNW	3	mr	30·18	+·34	38	38	− 5	NNW	2	f	1	mr	*	46	34	—
	North Foreland	30·01	45	NNW	4	c	30·13	+·31	42	40	− 2	NNW	1	cf	3	c	*	45	40	—
	London (Brixton) ...	30·05	43	NNW	1	bm	30·12	+·24	35	35	− 5	E	1	of	*	c,bm	0·1	47	34	—
	Oxford	30·11	38	NW	1	b	30·13	+·26	33	32	− 8	ESE	1	f	*	bm	*	47	29	—
	Cambridge ...	30·06	38	N	1	b	30·14	+·32	33	33	− 9	Z	0	f	*	b	2·6	46	32	—
	Yarmouth ...	29·97	45	NNW	2	b	30·11	+·32	37	36	− 6	NW	1	bcf	3	c,b	*	46	35	001
Germany & Holland.	Cuxhaven ...	29·99	36	SSW	2	f	30·10		34	34		SW	2	c	*	f	*	40	34	—
	Berlin	30·04	33	S	1	b	30·16	+·15	28	28	− 6	Z	0	f	*	b	*	37	28	—
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich	30·04	32	Z	0	o	30·12	+·11	31	31	0	Z	0	o	*	o	*	32	30	—
	The Helder ...	29·98	41	S	1	f	30·12	+·32	36	36	− 4	S	1	f	1	f	*	43	36	004
Belgium.	Brussels ..	*	*	*	*	*	30·13	+·27	40	40	+ 1	Z	0	f	*	o	*	44	39	008
	Cape Gris Nez.	29·98	45	N	4	c	30·08	+·27	45	45	− 2	ENE	1	f	1	c	*	48	39	—
	Paris	30·01	42	NW	2	c	30·14	+·23	39	37	0	WNW	1	f	*	c	*	47	36	016
	Brest	?	47	N	2	c	?	?	47	45	− 3	SE	4	o	3	c	*	52	43	—
	Lorient... ...	30·11	49	NNW	3	c	30·04	+·01	45	44	− 3	SE	5	c	5	c	*	54	39	—
France &	Rochefort ...	30·12	47	NW	3	b	30·11	+·03	37	37	− 11	ESE	4	b	*	b	*	54	36	—
	Belfort														*		*			
	Lyons ...	30·02	40	NNE	1	r	30·10	+·02	38	37	+ 2	N	2	o	*	r	*	46	36	012
	Nice	29·73	46	ENE	1	b	29·76	+·01	44	35	0	E	2	b	2	b	*	59	39	—
	Perpignan ...	29·98	54	NW	4	o	29·99	−·01	46	40	0	NW	4	b	*	o	*	55	45	—
	Biarritz ...	30·08	53	NE	4	o	30·01	+·01	43	41	− 5	E	3	c	3	o	*	57	41	—
Peninsula.	Coruna ...	30·10	59	S	1	b	29·96		57	53		S	6	o	3	b	*	60	?	—
	Lisbon	30·13	51	NE	3	o	30·10	−·10	50	49	− 2	NNE	3	o	*	o	*	59	50	—
	Azores (P. Delgada)	29·77	61	SSW	6	r	29·71	+·23	62	62	+ 1	SW	4	f	6	r	*	62	59	024

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, 9TH DEC.R 1894.

BAROMETER, WIND AND SEA.

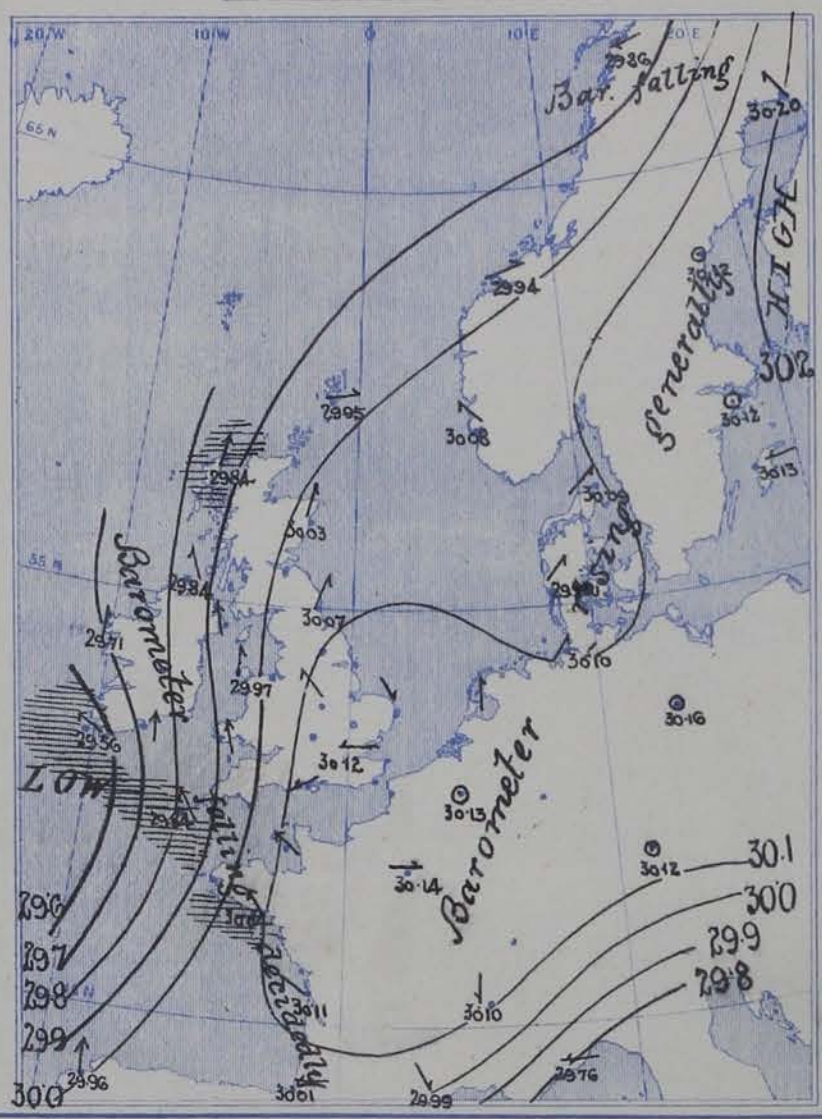
BAROMETER—Isobars are drawn for each tenth of an inch.

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 ▩

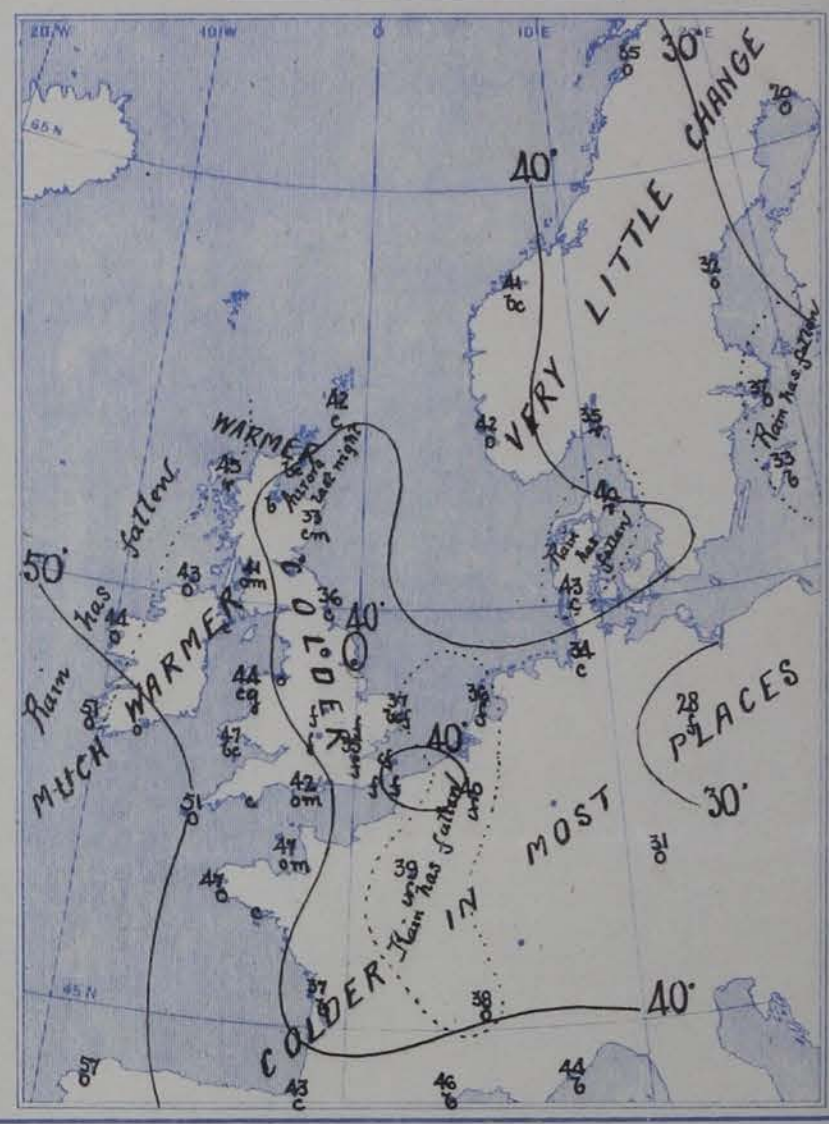


TEMPERATURE & WEATHER.

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 DECEMBER.*

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 ins. and upwards in an anticyclone lying over Sweden, the Baltic, Germany, the east and southeast of England, and the greater part of France, as well as in another system over the Spanish Peninsula.

Lowest, 29.6 ins. in a well marked depression off the southwest of Ireland.

Gradients moderate over the west of our Islands, but slight elsewhere.

Barometer falling on our western and northern coasts as well as in the west of France;—quickly in the south of Ireland, rising in all other parts of Western Europe.

TEMPERATURE

Highest, 57° at Coruna, 51° at Valencia (Ireland) and Scilly, 50° at Rochefort and Lisbon, and 48° at Hawke Point.

Lowest, (1) 20° at Haparanda, and 32° at Hernösand; (2) 28° at Berlin and 31° at Munich; (3) 33° at Aberdeen, Oxford and Cambridge.

Frost occurred last night in many parts of Great Britain, the lowest temperature registered in the screen being 28° at Aberdeen and Leith.

WIND

SE. over Ireland, the west of France, and the greater part of England, and strong to a moderate gale in force in our southwest coasts.

SW. in the north of Scotland and also in Denmark; variable in Norway; calm over Central Sweden.

Light and variable over Germany, the Netherlands, Central France, and the southeast of England.

WEATHER

Dull on our western coasts, and foggy over the eastern and central parts of England, as well as over the Netherlands, Germany, Central France.

Fine in the north of Scotland and west of Norway, dull in Sweden, and rainy at Yarmouth and Skagen.

Since yesterday morning a little rain has fallen in the west of Ireland and the north of Scotland, as well as in some parts of Sweden, Denmark, the Netherlands and Central France. Aurora was seen last night at Wick.

SEA

Rather rough on our extreme southwest coasts, as well as at Stornoway, but slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 10th DEC. 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	At 9.35 am today to districts 0.1 and 5 to 10 "Hoist South Cone".

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to 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	42	40	SE	8	r	5	Valencia	30.00	47	42	SE	4	og	4
Sumburgh Head	29.74	44	40	WNW	2	bc	4	Scilly	30.06	49	45	NNW	1	c	4
Stornoway	29.89	44	41	W	2	b	2	Jersey	30.04	51	47	NNW	4	c	3
Aberdeen	29.95	40	36	WNW	2	bm	1	Hurst Castle ...	29.99	49	47	NNW	3	bc	2
Shields	29.97	43	41	WNW	2	c	2	Dungeness ...	29.91	46	45	N	3	m	2
Ardrossan	29.99	48	46	2	0	b	0	North Foreland	29.91	44	43	NNW	3	c	3
Malin Head ...	29.98	42	39	S	3	0	2	London (Westminster)	29.96	48	44	NNW	3	c	#
Belmullet	29.99	41	39	SE	3	0	#	Yarmouth ...	29.88	46	45	NW	2	c	3
Holyhead	30.02	47	43	N	3	c	2	Rochefort ...	30.10	50	48	NW	3	b	#

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

Weather in morning fair or fine over our Islands, the west and south of France, the Spanish Peninsula, and the west of Norway. Dull in most other parts of Europe, with fog at several of the Danish, German, and Austrian stations, rain at Stockholm and in some parts of France and Italy, snow at Khartoum, and a thunderstorm at Malta. Subsequently becoming dull and rainy in the extreme west of our Islands, snow falling in many parts of Russia. Aurora seen at Wick.

Temperature fallen in most places. Morning readings highest 60° at Malta, 58° at Brindisi, 58° at Nemours, and 57° at Algiers; above 50° at most of the Mediterranean and Spanish coast stations, and just touching that point at Jersey and Brest. Lowest 5° at Archangel, 8° at Moscow, 12° at St Petersburg and 14° at Kuopio; below the freezing point over Russia generally, as well as in South Germany and Central Ireland. Daily maxima below 45° in the north of our Islands, but above 50° on our extreme southwest coasts; frost occurring in many parts of Great Britain at night.

Wind light to moderate from the NW^ly over the greater part of our Islands and the north of France, but NE^ly or E^ly in the west of Ireland. Light to fresh from the E^ly or SE^ly over Scandinavia, Denmark, and Northern Russia; variable over Central Europe; N^ly or NE^ly in the north of Italy; NW^ly in Sardinia and Algiers; W^ly or SW^ly in Malta and Sicily. Subsequently shifting to the SE^ly in the extreme west and southwest of our Islands; no important change occurring elsewhere.

Barometer 30·5 ins: and upwards in the extreme north of Russia; 30·1 ins: and upwards in an anticyclone covering the whole of Russia and also in another system over the Spanish Peninsula. Lowest 29·5 ins: and less, in a depression lying between Naples and Sicily; 29·7 ins: and less, in a shallow system near the Shetlands; 29·8 ins: and less, in a "V shaped" secondary over the North Sea. Italian depression subsequently moving slowly eastwards; other disturbances gradually filling up, but new ones beginning to approach our Islands 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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DAILY WEATHER REPORT

for 8 a.m. on Monday, 10th December, 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 ...	30·10	23	SE	4	0	29·95	−·25	30	30	+ 10	SW	2	0	#	0	#	?	16	0·04
	Hernösand ...	30·09	32	N	0	bc	30·15	+·08	25	22	− 7	N	0	b	#	bc	#	36	?	-
	Stockholm ...	30·16	34	N	0	0	30·21	+·09	33	32	− 4	N	0	0	#	0	#	37	33	-
	Wisby	30·19	38	N	4	c	30·24	+·11	39	37	+ 6	NW	4	0	#	c	#	39	30	-
	Bodö	29·82	39	SSW	5	r	29·85	−·01	37	36	+ 2	WSW	7	r	5	r	#	?	35	0·24
	Christiansund ...	30·05	41	SW	5	r	30·08	+·14	40	37	− 1	SE	2	bc	5	r	#	41	37	0·51
	Skudesnaes ...	†30·14	41	SSE	4	0	†30·09	+·01	41	39	− 1	SSE	6	c	5	0	#	43	39	?
	Færder (Christiania Fjord)	30·17	29	NNW	2	f	30·25	+·14	30	30	− 5	N	0	0	1	f	#	36	29	-
	Skagen (The Scaw)																#			
	Fanö	30·16	39	N	0	0	30·19	+·20	36	36	− 7	SSE	1	c	#	0	#	45	36	-
British Islands.	Sumburgh Head	29·91	43	S	2	c	29·63	−·32	46	46	+ 4	SSE	5	r	5	c	#	48	42	0·04
	Stornoway ...	29·71	46	S	5	0	29·51	−·33	49	49	+ 4	WSW	3	ru	3	c,0	0·0	50	42	0·18
	Wick	29·81	44	SW	4	bc	29·62	−·31	47	46	+ 7	WSW	2	bc	3	bc	#	47	39	-
	Nairn	29·80	42	N	0	0	29·59	−·35	48	47	+ 14	N	0	b	1	0	#	50	32	0·01
	Aberdeen ...	29·92	43	SSE	4	0 q u	29·74	−·29	47	46	+ 14	S	4	0 q u	6	0 q u. r	0·0	48	33	0·09
	Leith	29·90	39	N	0	0	29·73	−·24	50	48	+ 13	SSW	3	b	#	0	#	51	36	0·02
	Shields	29·98	42	SSE	3	0	29·88	−·19	45	45	+ 9	S	3	c	2	0.r	#	48	34	0·01
	Spurn Head ...	30·04	45	SSE	3	c	30·01	−·10	44	43	+ 2	S	4	0	3	c	#	45	40	-
	York	30·02	40	S	2	0	29·97	−·14	45	44	+ 10	S	3	0	#	0	#	45	35	0·02
	Loughborough ...	30·04	40	ESE	2	0	30·01	−·11	44	43	+ 10	S	4	0	#	f.m.q	#	45	34	-
	Ardrossan ...	29·78	45	SE	4	o m	29·72	−·24	50	50	+ 9	S	3	p	3	o m	#	50	40	0·10
	Malin Head ...	29·46	45	SSE	7	o r	29·61	−·23	50	49	+ 7	S	6	or	2	o,or	#	50	43	0·08
	Belmullet ...	29·20	47	SSE	5	0	29·62	−·09	49	49	+ 5	W	3	0	#	0	#	50	40	0·39
	Donaghadee ...	29·71	47	SE	8	r	29·75	−·18	49	49	+ 2	SSW	6	c	6	r	#	51	45	0·28
	Liverpool (Bidston)	29·88	43	ESE	6	0	29·93	−·12	47	45	+ 10	SE	4	0	4	0	#	47	36	0·03
	Holyhead ...	29·71	47	S	7	q m r	29·83	−·14	50	49	+ 6	SSW	5	c q m	4	r q m	#	50	43	0·22
	Parsonstown ...	29·43	53	SE	2	0	29·72	−·07	50	49	+ 5	SE	1	or	#	0	0·0	53	45	0·14
	Valencia ...	29·50	53	SW	6	o q m	29·70	+·14	54	53	+ 3	S	4	0	4	o q m	0·0	55	49	0·84
	Roche's Point ..	29·58	52	SSW	8	r	29·79	+·06	53	53	+ 3	SSW	6	r	5	m.r	#	53	48	0·90
	Pembroke (St. Ann's Hd.)	29·75	49	SSE	7	0	29·92	+·02	51	51	+ 4	SW	5	c	5	0	0·0	52	46	0·17
	Scilly	29·74	52	S	7	m	29·89	+·05	53	53	+ 2	S	3	0	5	m	0·0	53	48	0·11
	Prawle Point ...	29·95	46	SSE	6	r	30·00	−·02	48	48	0	SSE	7	r	6	p	#	48	45	0·28
	Jersey (St. Aubin's)	30·04	44	SSE	5	o m	30·09	−·01	44	42	− 3	SE	5	o q	4	o m	#	44	41	-
	Hurst Castle ...	30·04	46	SSE	3	o u	30·07	−·02	46	44	+ 4	S	4	o q	3	o u	#	48	42	-
	Dungeness ...	30·09	45	SE	3	m	30·13	+·02	45	44	+ 7	S	4	c	4	m	#	45	34	-
	North Foreland	30·09	46	S	4	0	30·13	·00	44	43	+ 2	S	5	o q u	3	c,0	#	46	41	-
	London (Brixton) ...	30·09	42	SE	2	0	30·10	−·02	44	43	+ 9	S	1	c q	#	fw.bc,0	0·0	44	35	-
	Oxford	30·04	43	ESE	2	0	30·07	−·06	44	43	+ 11	S	3	0 q	#	0	#	44	32	-
	Cambridge ...	30·08	40	S	3	0	30·10	−·04	43	42	+ 10	S	1	0	#	0	0·0	44	32	-
	Yarmouth ...	30·10	45	SE	3	bc	30·10	−·01	43	42	+ 6	S	3	bcm	3	v, bc	#	45	35	-
Germany & Holland.	Cuxhaven ...	30·18	35	SW	1	f	30·26	+·16	34	34	0	SSW	1	f	#	f	#	40	34	-
	Berlin	30·25	29	N	0	f	30·34	+·18	24	24	− 4	N	0	f	#	f	#	29	23	-
	Wiesbaden ...	#	#	#	#	#	30·32		29	28		N	0	0	#	#	#	30	28	-
	Munich	30·19	30	N	0	0	30·29	+·15	28	28	− 3	E	5	0	#	0	#	34	28	-
	The Helder ...	30·19	38	SSE	1	f	†30·21	+·09	35	34	− 1	S	1	f	1	f	#	43	34	-
Belgium.	Brussels ...	#	#	#	#	#	30·24	+·11	33	30	− 4	SE	1	c	#	0	#	42	32	-
	Cape Gris Nez ...	30·08	43	SE	1	m	30·10	+·02	40	38	− 5	S	3	0	2	m	#	48	36	-
	Paris	30·17	41	SE	1	0	30·21	+·07	37	36	− 2	SE	1	0	#	0	#	41	37	-
	Brest	?	50.	SE	5	f	?	?	49	47	+ 2	SE	4	r	5	f	#	54	46	0·08
	Lorient	30·00	47	SE	6	c	30·04	·00	45	43	0	SE	5	0	5	c	#	50	41	-
France &	Rochefort ...	30·10	41	E	2	0	30·11	·00	36	35	− 1	ESE	2	0	#	0	#	48	32	-
	Belfort														#		#			
	Lyons	30·12	35	N	2	b	30·21	+·11	28	28	− 10	NW	1	0	#	b	#	41	27	-
	Nice	29·86	44	E	0	b	30·01	+·25	41	36	− 3	E	1	b	2	b.	#	55	39	-
	Perpignan ...	29·96	49	NW	3	b	30·07	+·08	30	29	− 16	SW	2	b	#	b	#	57	29	-
	Biarritz ...	30·01	48	ENE	3	c	30·04	+·03	44	40	+ 1	SSE	2	0	2	c	#	52	41	-
Peninsula.	Corunna ...																#			
	Lisbon	30·08	58	SW	3	0	30·11	+·01	53	53	+ 3	NE	3	f	#	0	#	59	50	0·55
	Azores (P. Delgada)	29·98	59	W	4	bc	30·02	+·31	60	58	− 2	E	4	c	4	bc	#	64	57	-

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, 10th December, 1894.

BAROMETER, WIND AND SEA.

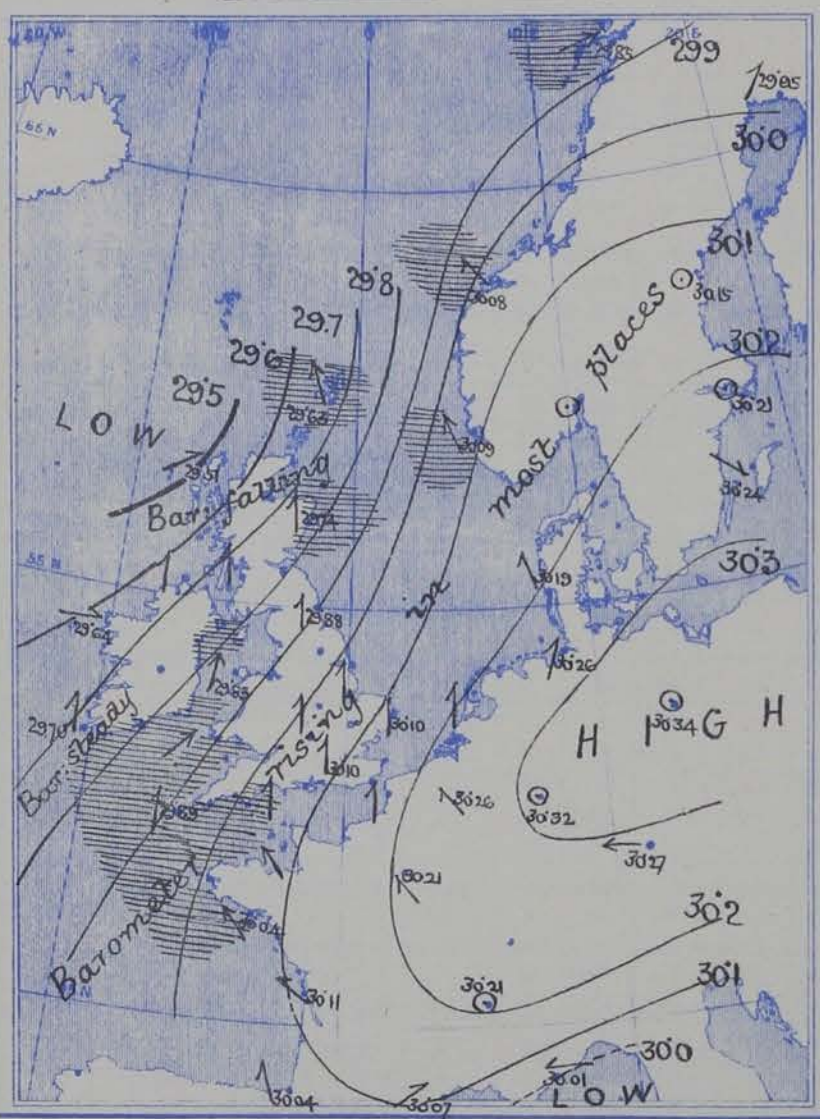
BAROMETER—Isobars are drawn for each tenth of an inch.

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

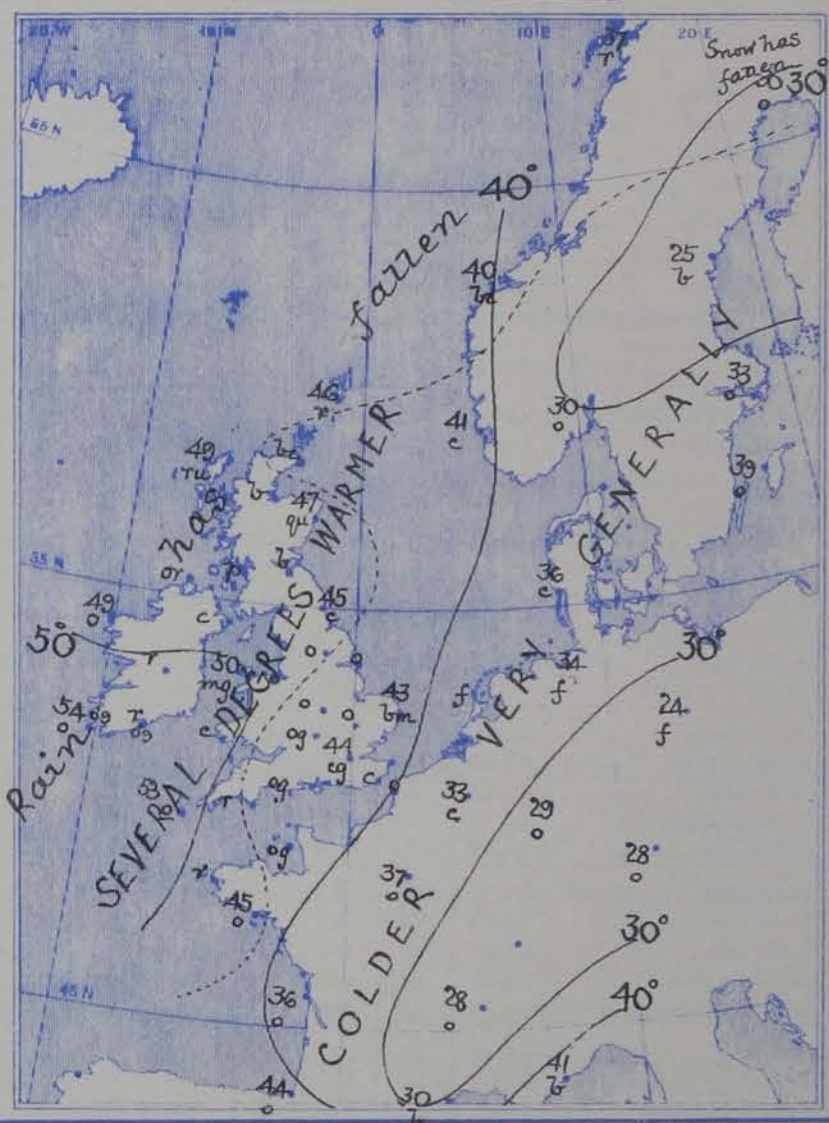


TEMPERATURE & WEATHER.

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 DECEMBER.

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 ins: and upwards, in an anticyclone lying over Germany and the southern part of the Baltic.
Lowest, 29·5 ins: and less, in a depression lying to the northwestward of Scotland
Gradients moderate over our Islands and the North Sea, but slight elsewhere.
Barometer rising in most parts of Western Europe, but steady at Valencia (Ireland).

TEMPERATURE

Highest, 54° at Valencia (Ireland) 53° at Rockt Point, Scilly, and Lisbon, and 51° at Pembroke.
Lowest, 24° at Berlin, 28° at Munich and Lyons and 29° at Wiesbaden; (2) 25° at Hernösand, and 30° at Haparanda, Carlstadt and Sweden.
A considerable rise of temperature has taken place over the northern and central parts of Great Britain.

WIND

S^W^ over the greater part of our Islands and the North Sea, and strong in force at several of our western stations.
SE^ in the west of France; calm at some of the German and Swedish stations; SW^ in the north of Scandinavia.
A fresh to strong gale from the S^wd^ was experienced yesterday over our western and northern coasts.

WEATHER

Fine at some of the Scotch stations, but dull over Western Europe generally, with rain on several parts of our western coasts, as well as in the Shetlands and Hebrides.
Rain fell yesterday in the west and north of our Islands, the largest amounts being 0·9 in: at Valencia and Rockes Point.
A solar halo was seen in London, and lunar halos in several parts of England.

SEA

Rough or rather so on many parts of our western and northern coasts, as well as off the west of Norway, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The deep depression which passed along our extreme western coasts yesterday has travelled away rapidly to the northward. The barometer has, however, ceased rising at Valencia (Ireland), and the wind there has backed to the southward, so that a fresh disturbance is probably advancing from the Atlantic

FORECASTS

For the 24 hours ending at NOON on December 11th 1894.

DISTRICTS.		FORECASTS.
▼ 0	SCOTLAND NORTH	S^W^ winds, increasing in force; fair to dull and some rain.
▼ 1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No 5
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
▼ 5	ENGLAND SOUTH	S^W^ winds, freshening; cloudy, unsettled, some rain.
▼ 6	SCOTLAND WEST	S^W^ winds, increasing in force; dull, unsettled, some rain
▼ 7	ENGLAND N.W.	
▼ 8	ENGLAND S.W.	
▼ 9	IRELAND NORTH	
▼ 10	IRELAND SOUTH	
	WARNINGS	The SOUTH CONE is still flying in districts 0. 1. and 5 to 10.

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 ...	30·13	43	41	SSE	4	o	3
Sumburgh Head							
Stornoway	29·80	46	45	SSW	5	c	5
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29·67	46	44	SSE	5	o	3
Belmullet	29·43	47	45	SW	6	o	*
Holyhead							
Valencia							
Scilly							
Jersey	30·06	45	43	SE.	5	om	4
Hurst Castle ...							
Dungeness ...	30·10	44	44	NE.	2	fc	1
North Foreland	30·13	46	45	N	1	c	2
London (Westminster)							*
Yarmouth ...							
Rochefort ...	30·11	41	40	E	3	m	*

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

Weather in morning very foggy over Germany, France and the eastern half of England, dull and unsettled in most other places, but fine over Scotland and some parts of Norway; fog (wet) over England. Rain falling later at the northern and western stations generally — amount largest (about 0·9 in.) in the south of Ireland. Fog clearing in London towards 2 p.m. and afternoon fair, but with Solar halo.

Temperature risen fast over Ireland and the Hebrides, fallen over St. Britain, changed very little and irregularly elsewhere. Morning readings highest 60° at Malta, and exceeding 50° over the southern parts of the Mediterranean, as well as on the Atlantic coasts of the Peninsula and the extreme southwest of our Islands. Lowest −5° F. at Moscow, −3° at Archangel, +13° at Kharkow and St. Petersburg, 28° at Helsingfors and also at Breslau; 33° to 35° over the central parts of St. Britain, and slightly lower over central Europe. Rising over So. Britain later and rise spreading eastwards.

Wind (1) very light and variable (mainly anticyclonic) over Russia, north Germany, France and the eastern half of St Britain; (2) S. ¾ to SE. ¾, and strong in the west of our Islands, the northwest of France, and northwest of Spain; (3) NE. ¾ to NW. ¾, strong, and cyclonic, over the eastern half of the Mediterranean and the Adriatic. The S. ¾ wind blowing hard on our western coasts later and spreading, with less force over England and Scotland.

Barometer. Highest 30·1 ins. and more over central and eastern Russia, and exceeding 30·2 ins. almost all over that country; exceeding 30·1 ins. over northern Germany, France and Spain. Lowest below 29.6 ins. (1) off the west of Ireland, and (2) in a depression having its centre near Rome. The Atlantic low-pressure system moving northeastwards later and spreading more over the Kingdom, but barometer rising over the Continent.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 2ND TO 8TH DEC. 1894.

At the commencement of last week the distribution of pressure over western Europe remained anticyclonic, the wind being very light from the E. on our southern coasts, but from the S. or W. in the north. The weather was mostly fair and cold, with sharp night frosts over the inland parts of the Kingdom, and with a good deal of fog or mist at the English stations.

On the 3rd however, the anticyclone moved away slowly to the eastward, and on the two following days some shallow depressions were developed over France and the extreme south and southwest of our Islands. The winds in those regions now became very light and variable, and slight rain fell in many isolated parts of the Kingdom, the weather being foggy or misty over a considerable portion of our Islands and the Continent.

On the 6th when the anticyclone had moved still further to the eastward a series of depressions began to appear off our west and northwest coasts. The wind therefore shifted to the S. or SW., temperature rose and the weather became very changeable, with rain in all the more western and southern districts on the 6th, and over the Kingdom generally on the 7th. Towards the close of the week the depressions passed away to the eastward or northeastward, the barometer rose generally, and the wind veered to the NW. with a temporary improvement in the weather. On the evening of the 8th, however, a new disturbance was beginning to approach our western coasts, and the appearance was decidedly unsettled.

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.
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DAILY WEATHER REPORT

for 8 a.m. on Tuesday 11th December, 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	17	Z	0	b	30·03	+ ·08	8	8	— 22	Z	0	b	#	b	#	32	?	—
	Hernösand ...	30·17	24	Z	0	b	30·09	— ·06	23	21	— 2	Z	0	bc	#	b	#	34	23	—
	Stockholm ...	30·32	30	NW	2	0	30·34	+ ·13	32	31	— 1	WSW	2	c	#	0	#	36	28	—
	Wisby	30·37	35	NNW	4	c	30·43	+ ·19	35	33	— 4	WNW	6	0	#	c	#	39	32	—
	Bodo	30·02	37	Z	0	c	29·85	·00	41	37	+ 4	E	4	0	2	c	#	?	36	0·08
	Christiansund ...	30·01	38	SE	4	c	29·97	— ·11	44	42	+ 4	WSW	3	c	5	c	#	45	38	0·08
	Skudesnaes ...	?30·08	44	SSE	8	0	?30·10	+ ·01	45	45	+ 4	SSE	8	m	5	0	#	45	41	?
	Færder (Christiania Fjord)	30·29	32	N	2	f	30·26	+ ·01	40	39	+ 10	SW	4	0	3	f	#	?41	30	—
	Skagen (The Scaw)	30·31	39	S	2	0	30·30		40	37		SW	3	0	0	0	#	40	37	—
	Fanö	30·27	37	S	4	0	30·30	+ ·11	38	37	+ 2	SSE	4	c	#	0	#	41	36	—
	Sumburgh Head	29·72	49	SW	2	r	29·76	+ ·13	48	48	+ 2	S	1	0	4	c,r	#	49	41	0·19
	Stornoway ...	29·71	44	W	1	b	29·56	+ ·05	51	48	+ 2	S	5	0	5	c,b	0·0	51	41	—
	Wick	29·75	47	NW	1	b	29·70	+ ·08	48	47	+ 1	S	2	c	2	b	#	50	47	0·10
	Nairn	29·76	50	Z	0	0	29·68	+ ·09	51	46	+ 3	SSW	2	c	1	0	#	55	35	0·01
	Aberdeen ...	29·83	49	S	2	0g	29·82	+ ·08	49	47	+ 2	SSE	5	0gq	5	0g	0·0	51	47	—
	Leith	29·83	51	SSW	4	0	29·85	+ ·12	53	50	+ 3	SSW	3	c	#	0	#	54	46	—
	Shields	29·95	48	S	3	om	29·98	+ ·10	47	47	+ 2	SSW	2	om	2	om,r	#	49	44	—
	Spurn Head ...	30·05	45	SSE	3	0	30·08	+ ·07	45	44	+ 1	S	4	0	4	0	#	46	43	0·05
	York	30·01	46	S	1	0	30·06	+ ·09	45	45	0	SSE	1	0	#	0	#	48	44	0·03
	Loughborough ...	30·07	45	S	3	0	30·09	+ ·08	45	44	+ 1	SSE	2	0gm	#	c,0dgm	#	48	44	—
British Islands.	Ardrossan ...	29·82	50	S	4	r	29·79	+ ·07	50	50	0	SSE	5	0p	4	0,r	#	50	46	0·10
	Malin Head ...	29·79	46	S	1	b	29·61	·00	52	50	+ 2	SSW	6	0	2	r,0,b	#	52	45	0·11
	Belmullet ...	29·79	45	S	3	0	29·66	+ ·04	50	47	+ 1	W	6	0	#	b,0	#	52	45	0·06
	Donaghadee ...	29·84	51	SSW	5	r	29·81	+ ·06	52	51	+ 3	SSW	7	0	5	r	#	52	46	0·16
	Liverpool (Bidston)	29·99	48	SE	3	0	29·98	+ ·05	48	47	+ 1	SE	2	bc	3	0	#	49	36	—
	Holyhead ...	29·93	52	S	6	df	29·88	+ ·05	50	49	0	S	7	cq	6	0gm,df	#	52	49	0·07
	Parsonstown ...	29·89	45	Z	0	b	29·75	+ ·03	53	51	+ 3	Z	0	c	#	0,b	0·0	54	40	0·12
	Valencia ...	29·88	50	S	1	bc	29·78	+ ·08	51	49	— 3	SW	4	0	4	c,bc	2·9	54	46	0·17
	Roche's Point ..	29·89	50	WSW	2	b	29·83	+ ·04	52	52	— 1	SW	3	rm	4	r.b	#	53	47	0·40
	Pembroke (St. Ann's Hd.)	29·94	52	SW	4	0	29·91	— ·01	51	51	0	SSW	6	dm	5	0	0·0	52	50	0·03
	Scilly	29·97	53	S	4	om	29·92	+ ·03	54	53	+ 1	S	5	m	5	om	0·0	54	52	0·09
	Prawle Point ...	30·07	51	SSE	3	m	30·07	+ ·07	50	49	+ 2	SSE	4	df	3	df	#	51	47	0·05
	Jersey (St. Aubin's)	30·13	47	SSE	4	pdmg	30·15	+ ·06	45	43	+ 1	SE	5	0	4	0,dpgm	#	47	43	0·03
	Hurst Castle ...	30·11	47	SSE	3	0dm	?30·13	+ ·06	49	47	+ 3	SSE	2	0dm	3	mdp	#	47	45	0·04
	Dungeness ...	30·16	45	S	4	c	30·18	+ ·05	43	42	— 2	S	3	b	2	c	#	47	42	—
	North Foreland	30·18	44	S	2	c	30·20	+ ·07	42	40	— 2	S	2	b	2	c	#	44	40	—
	London (Brixton) ...	30·15	45	S	3	0	30·16	+ ·06	43	41	— 1	SSW	1	bcm	#	c,0	0·1	48	40	—
	Oxford	30·14	44	S	2	d	30·13	+ ·06	45	44	+ 1	SE	2	0	#	0gdp	#	46	40	—
	Cambridge ...	30·12	45	S	3	0	30·16	+ ·06	43	42	0	S	1	0	#	0	0·0	47	39	—
	Yarmouth ...	30·14	44	S	3	bc	30·17	+ ·07	43	41	0	S	3	b	3	cq,bc	#	45	40	—
Germany & Holland.	Cuxhaven ...	30·30	34	SSW	1	f	30·33	+ ·07	32	32	— 2	S	2	c	#	m	#	35	31	—
	Berlin	30·41	25	SSE	1	f	30·46	+ ·12	22	22	— 2	SSE	1	b	#	f	#	28	21	—
	Wiesbaden ...	#	#	#	#	#	30·40	+ ·08	29	28	0	Z	0	b	#	#	#	37	28	—
	Munich... ..	30·33	26	E	4	b	30·36	+ ·09	21	20	— 7	E	4	b	#	b	#	30	21	—
	The Helder ...	30·24	34	S	2	b	30·28	+ ·07	30	29	— 5	S	1	b	1	b	#	39	30	—
	Brussels ...	#	#	#	#	#	30·31	+ ·07	30	28	— 3	ENE	1	c	#	b	#	41	29	—
	Cape Gris Nez...	30·16	40	SSE	2	0	30·19	+ ·09	34	32	— 6	S	1	c	1	0	#	43	32	—
	Paris	30·25	33	Z	0	b	30·26	+ ·05	25	25	— 12	N	1	b	#	b	#	43	25	—
	Brest	?	50	SSW	3	f	?	?	52	51	+ 3	SSE	3	0	?	f	#	54	46	—
	Lorient... ...	30·11	47	SE	5	r	30·13	+ ·09	48	47	+ 3	SE	5	0	6	r	#	48	43	0·12
France & Belgium.	Rochefort ...	30·16	43	ESE	3	0	30·19	+ ·08	35	34	— 1	SE	3	b	#	c,0	#	48	32	—
	Belfort	?	27	NE	2	m	?	?	28	23		ENE	2	b	#	m	#	30	25	—
	Lyons	30·28	30	ESE	1	0	30·31	+ ·10	24	24	— 4	SE	1	0	#	0	#	34	24	—
	Nice	30·12	43	E	1	b	30·21	+ ·20	40	37	— 1	E	1	b	2	b	#	52	39	—
	Perpignan ...	30·17	36	E	2	b	30·23	+ ·16	30	29	0	SW	2	b	#	b	#	49	29	—
	Biarritz ...	30·10	51	SE	3	c	30·10	+ ·06	46	41	+ 2	ESE	4	b	2	c	#	59	41	—
Penin-sula.	Corunna ...																#			
	Lisbon	30·15	58	NE	3	f	30·17	+ ·06	56	56	+ 3	ESE	3	f	#	f	#	59	54	0·08
	Azores (P. Delgada)	30·06	62	SSW	5	0	30·10	+ ·08	60	59	0	SSW	4	c	3	0	#	64	59	—

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, 11th December,* 1894.

BAROMETER, WIND AND SEA.

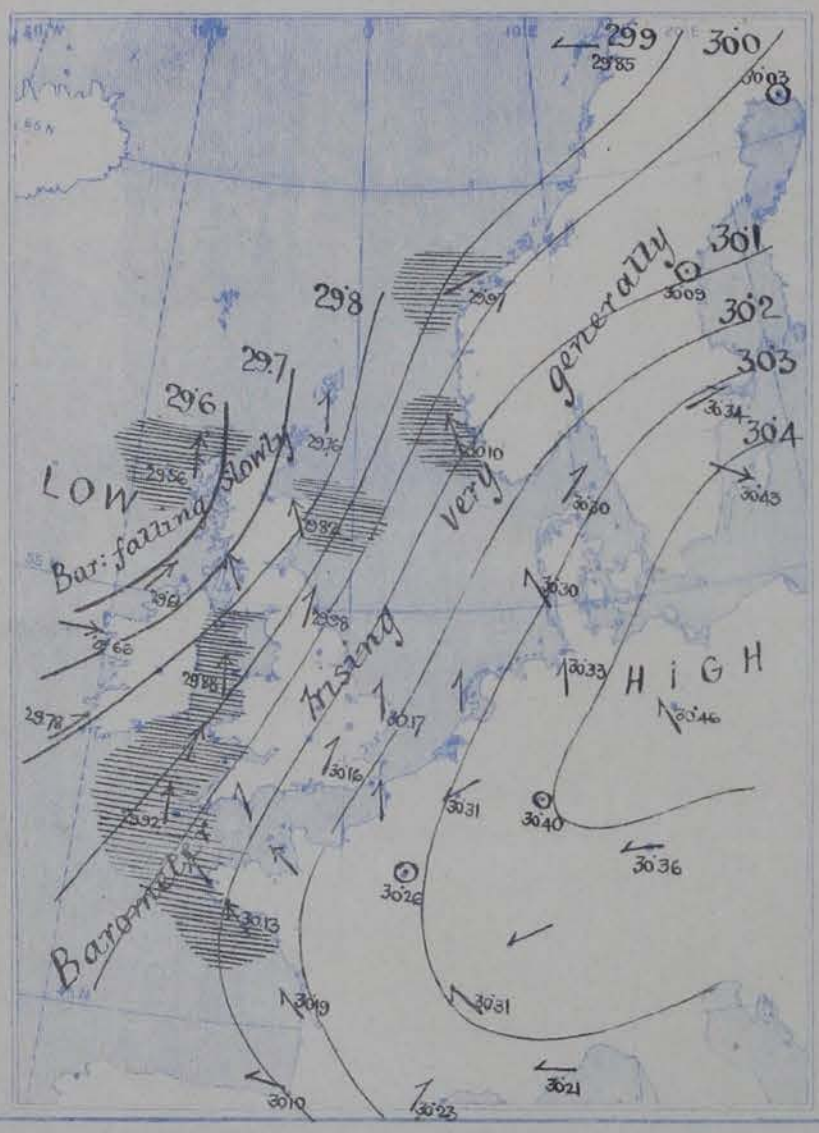
BAROMETER—Isobars are drawn for each tenth of an inch.

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* ≡

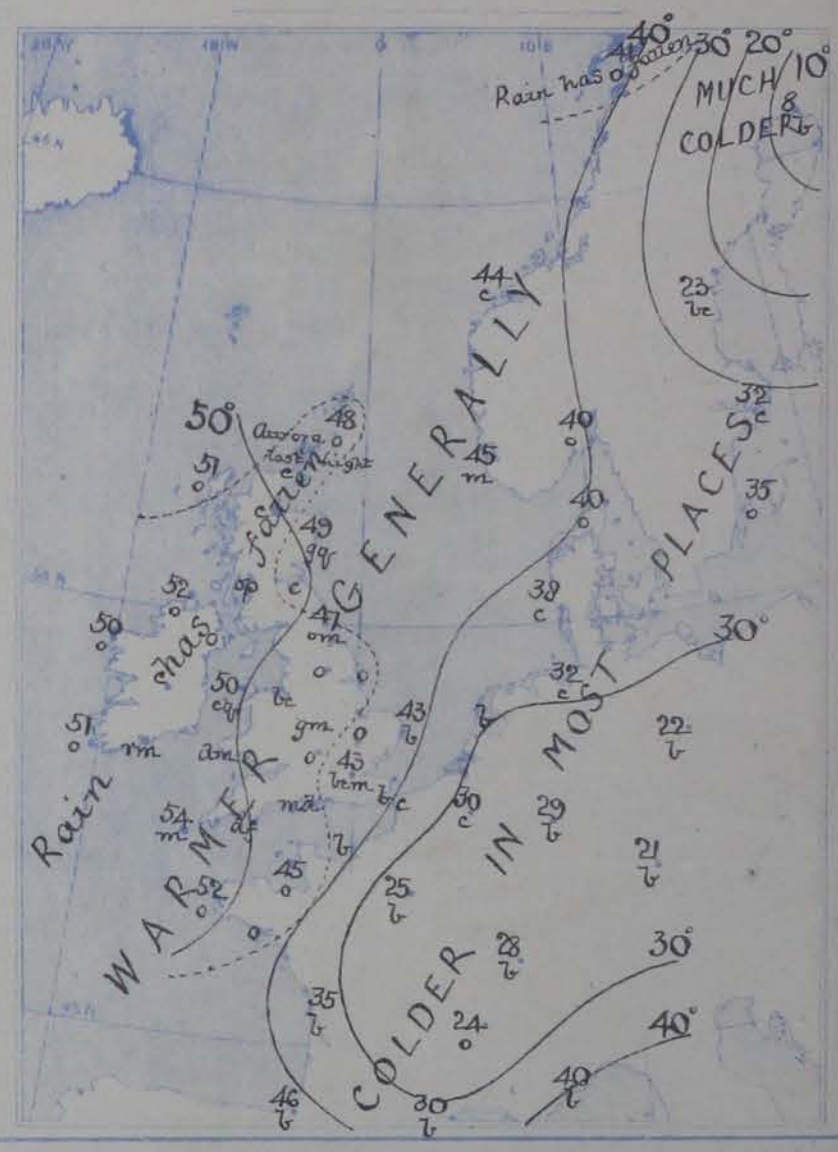


TEMPERATURE & WEATHER.

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 DECEMBER.

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	29·673	39·6	38·1	42·6	35·2	4·25		
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·707	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·867	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·8	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·4	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·50	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·10	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	39·9	4·95		
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02		
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·70		
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	37·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78		
Dover	29·953	39·8	38·6	44·3	35·9	3·00		
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·0	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66		

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.4 ins. and more over the Baltic and North Germany and exceeding 30.0 ins. over the North Sea, France, and the east of England.
Lowest below 29.6 ins. off the west of Scotland.
Gradients rather steep over our Islands, slight over Germany and France.
Barometer falling a little in the north and northwest, rising elsewhere.

TEMPERATURE

Highest 54° at Scilly, and 53° to 51° at the Irish stations generally, 51° to 50° in the west of Scotland.
Lowest (1) 8° F. at Haparanda, 23° at Hernösand, 32° at Stockholm, (2) 21° at Munich, 22° at Berlin, 24° at Lyons, 25° at Paris.
It is very mild for the time of year over the British Islands.

WIND

Moderate SE½ over the Bay of Biscay; very strong and squally from S. on our western coasts, and from SE at Skudesnaes; light from S. over the eastern half of England, and over Holland.
A moderate gale is blowing over the Irish Sea.

WEATHER

Very fine over Germany, France and the eastern half of England, dull over Scotland, dull, squally and showery over Ireland, Wales and the west of England.
The amounts of rainfall measured this morning are slight and are confined to the western and extreme northern stations. Lunar halos were seen in many places last night.

SEA

Rough in the north, the west and southwest, slight to smooth in the east and southeast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Depressions continue to move northeastwards, outside our western coasts, but are at present not deep. Barometer is now rising at Valencia (Ireland).

FORECASTS

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

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S½W. winds, strong to SW½W. moderate; some showers, clear at times.
1	SCOTLAND EAST	
2	ENGLAND N.E.	S½W. and SW½W. breezes, fair as a whole, but probably a slight shower or two.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	SW½W. and S½W. winds, strong; squally, 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.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30.10	42	40	SSE	5	o	6	Valencia	29.83	54	51	SSW	2	c	4
Sumburgh Head	29.68	48	48	S	2	c	5	Scilly	29.94	54	53	S	5	o	5
Stornoway	29.62	50	47	WSW	2	c	2	Jersey	30.12	45	44	SE	4	o	4
Aberdeen	29.79	50	48	SSW	1	og	4	Hurst Castle ...	30.10	47	46	S	2	ourd	3
Shields	29.93	48	47	S	2	om	2	Dungeness ...	30.13	46	45	S	4	c	4
Ardrossan	29.78	50	50	S	4	o	3	North Foreland	30.15	44	43	S	3	o	3
Malin Head ...	29.71	50	49	WSW	3	o	1	London (Westminster)	30.12	49	45	S	2	o	*
Belmullet	29.76	50	49	S	1	b	*	Yarmouth ...	30.10	45	43	SSW	4	cg	4
Holyhead	29.88	51	50	SSW	6	ogm	5	Rochefort ...	30.16	46	44	ESE	2	c	*

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

Weather in morning dull and very foggy over central Europe generally, cloudy and rather unsettled over the British Islands, rainy at several of our northwestern stations, and also at Bodö; snow falling at Helsingfors; fine and bright over the greater part of the Mediterranean, but rainy at Malta. Some rain later over the western and northern parts of the British Islands generally and over Brittany, as well as over Finmark.

Temperature risen over the whole of the British Islands, and over Russia, but fallen over the shores of the White Sea. Highest 58° at Algiers, 56° at Malta and Palermo; 54° to 53° on our extreme SW. coasts, 50° at Malin Head and Leith. Lowest −17° F. at Archangel, +8° at Moscow, 13° at Kharkov, 18° at Kaspic, (2) 24° at Berlin, 29° to 28° at most of the north German (inland) stations; 28° at Belfort, Lyons and Limoges. Rising in our Islands later to between 50° and 55° at our western stations and to 48° in London; not exceeding 43° at Paris nor 28° at Berlin.

Wind (1) Very light and anticyclonic over Russia, central Europe and the inland parts of France; (2) S. ¼ over the United Kingdom, SE. ¼ in the west of Norway; (3) E. ¼ to N. ¼ over Italy and the Adriatic, NW. over Tunis, but SW. ¼ at Malta, S. ¼ at Palermo, SE. ¼ at Brindisi.

Barometer. Highest 30.6 ins. and more over central and eastern Russia, and exceeding 30.3 ins. in a second anticyclone over Germany; exceeding 30.0 ins. over almost the whole of Europe and the southeastern half of England. Lowest (1) below 29.6 ins. over the northwest of Scotland and neighbouring parts of the Atlantic, and (2) below 29.7 ins. in a depression over Malta. Rising over the British Islands later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

N.B.—The morning observations are 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, 12th December, 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 ...	29·99	31	NE	0	0	29·96	-·07	31	31	+ 23	S	2	0	*	0	*	32	5	-
	Hernösand ...	30·14	22	NE	0	0	30·01	-·08	25	23	+ 2	NE	0	f	*	b	*	30	18	-
	Stockholm ...	30·25	35	NE	0	0	30·18	-·16	34	33	+ 2	SW	2	0	*	0	*	36	28	-
	Wisby	30·38	37	WSW	4	b	30·24	-·09	38	36	+ 3	W	4	bc	*	b	*	38	34	-
	Bodö	29·85	41	SSE	2	0	29·70	-·15	46	43	+ 5	SW	6	0	4	0	*	46	37	0·16
	Christiansund ...	29·84	45	ESE	3	c	29·87	-·10	45	44	+ 1	WSW	2	0	4	c	*	45	41	-
	Skudesnaes ...	†30·06	45	SSE	8	r	†29·93	-·17	44	43	- 1	SSE	8	m	5	r	*	45	41	?
	Færder (Christiania Fjord)	30·21	41	S	4	0	30·10	-·16	40	39	0	S	4	0	4	0	*	41	34	-
	Skagen (The Scaw)	30·24	39	WSW	2	bc	30·14	-·16	40	36	0	SW	2	b	0	bc	*	41	37	-
	Fanö	30·24	34	SSE	4	c	30·13	-·17	32	32	- 6	SSE	4	bc	*	c	*	41	32	-
British Islands.	Sumburgh Head	29·70	48	SW	3	0	29·66	-·10	43	43	- 5	NE	0	0	3	0	*	50	39	0·02
	Stornoway ...	29·68	47	WSW	3	b	29·59	+·03	47	45	- 4	SW	4	c	4	c, b	0·0	53	43	0·06
	Wick	29·75	46	S	2	b	29·66	-·04	48	47	0	S	1	bc	2	b	*	51	38	0·05
	Nairn	29·76	44	NE	0	0	29·70	+·02	33	31	- 18	NE	0	b	1	0	*	54	31	0·01
	Aberdeen ...	29·81	49	S	3	0g	29·76	-·06	39	38	- 10	SW	2	bcm	3	ggg.g	0·0	51	38	0·13
	Leith	29·83	50	SSW	3	0	29·81	-·04	43	42	- 10	WSW	3	m	*	op	*	54	41	0·25
	Shields	29·92	48	E	4	0	29·89	-·09	48	47	+ 1	S	2	c	2	op	*	48	45	0·01
	Spurn Head ...	30·00	46	SSE	4	0	29·97	-·11	46	45	+ 1	SSW	2	o	3	om.r	*	46	43	0·11
	York	29·97	49	S	1	r	29·94	-·12	47	46	+ 2	S	1	c	*	r	*	50	44	0·03
	Loughborough ...	30·01	49	S	2	0	29·98	-·11	47	47	+ 2	SW	3	bcmw	*	op,r.c	*	49	45	0·49
	Ardrossan ...	29·84	47	N	0	0m	29·83	+·04	46	45	- 4	S	3	c	3	opm	*	51	40	0·23
	Malin Head ...	29·80	45	S	3	0	29·73	+·12	42	40	- 10	S	5	o	3	o.op	*	53	40	0·07
	Belmullet ...	29·80	45	SSE	4	c	29·75	+·09	51	49	+ 1	SW	3	o	*	c	*	51	43	0·02
	Donaghadee ...	29·86	44	N	3	c	29·88	+·07	39	38	- 13	SW	3	c	2	c	*	52	35	0·09
	Liverpool (Bidston)	29·92	49	SSE	2	0	29·98	·00	44	44	- 4	WSW	4	b	3	0	*	52	44	0·03
	Holyhead ...	29·89	51	S	6	r	29·96	+·08	45	43	- 5	WSW	4	c	3	ofd	*	52	43	0·64
	Parsonstown ...	29·85	42	NE	0	f	29·91	+·16	40	39	- 13	NE	0	c	*	f	0·5	53	37	0·05
	Valencia ...	29·85	43	SW	1	ofd	29·90	+·12	52	50	+ 1	SSE	4	o	4	bc.cm	2·2	52	40	0·03
	Roche's Point ..	29·86	48	NE	2	0	29·97	+·14	50	49	- 2	SSW	3	c	4	om	*	52	44	0·05
	Pembroke (St. Ann's Hd.)	29·92	53	WSW	3	0	30·07	+·16	50	47	- 1	W	5	b	5	0	0·3	58	49	0·25
	Scilly	29·92	52	SSW	4	0	30·09	+·17	50	50	- 4	WSW	4	0	4	0	0·0	54	49	0·62
	Prawle Point ...	30·00	52	SSE	5	f	30·11	+·04	46	45	- 4	WSW	3	bc	2	fd	*	52	45	0·12
	Jersey (St. Aubin's)	30·10	48	SSE	4	0gr	30·14	-·01	48	47	+ 3	WNW	3	bcm	3	c. o, rq	*	52	45	0·21
	Hurst Castle ...	30·07	50	SSE	4	d	30·07	-·06	49	48	0	W	3	c	3	c, d	*	51	47	0·41
	Dungeness ...	30·14	45	S	3	b	30·05	-·13	47	47	+ 4	SSW	4	0	3	b	*	47	42	0·01
Germany & Holland.	North Foreland	30·15	41	S	3	bc	30·07	-·13	44	43	+ 2	SSW	3	ogm	2	b.bc	*	44	39	-
	London (Brixton) ...	30·12	45	S	3	0	30·05	-·11	46	45	+ 3	SSW	2	c	*	o.ov	0·0	50	43	0·10
	Oxford	30·09	46	S	3	r	30·05	-·08	48	47	+ 3	SW	1	og	*	og.r	*	49	45	0·51
	Cambridge ...	30·09	44	S	3	0	30·03	-·13	46	46	+ 3	S	2	m	*	o	0·0	48	42	0·13
	Yarmouth ...	30·12	43	S	4	b	30·03	-·14	44	42	+ 1	SSW	3	c	3	bc, b	*	45	40	-
	Cuxhaven ...	30·34	36	S	2	c	30·16	-·17	30	29	- 2	SSW	2	b	*	c	*	36	29	-
	Berlin	30·45	25	SE	2	b	30·35	-·11	23	23	+ 1	SE	2	s	*	b	*	30	21	-
	Wiesbaden ...	*	*	*	*	*	30·30	-·10	28	27	- 1	E	2	s	*	*	*	34	27	-
	Munich	30·34	24	E	4	b	30·29	-·07	17	17	- 4	NE	3	s	*	b	*	32	16	-
	The Helder ...	†30·21	32	S	1	b	†30·11	-·17	31	29	+ 1	S	3	b	2	b	*	36	30	-
	Brussels ...	*	*	*	*	*	30·19	-·12	29	27	- 1	SE	2	c	*	b	*	40	28	-
	Cape Gris Nez ...	30·14	35	S	3	m	30·08	-·11	36	35	+ 2	S	4	m	4	m	*	41	30	-
	Paris	30·24	31	E	1	bc	30·19	-·07	27	26	+ 2	S	2	o	*	bc	*	38	25	-
	Brest	?	54	S	3	f	?	?	51	51	- 1	NW	3	c	3	f	*	54	50	0·20
	Lorient	30·10	52	SE	5	0	30·17	+·04	51	50	+ 3	WNW	4	bc	4	0	*	54	45	0·04
France & Belgium.	Rochefort ...	30·21	41	ESE	2	m	30·20	+·01	46	45	+ 11	SW	2	f	*	m	*	46	34	0·01
	Belfort														*		*			
	Lyons	30·30	26	W	1	f	30·33	+·02	26	26	+ 2	S	1	f	*	f	*	31	24	-
	Nice	30·22	42	ENE	1	b	30·27	+·06	37	34	- 3	E	1	f		b	*	52	36	-
	Perpignan ...	30·24	36	NW	2	b	30·30	+·07	34	34	+ 4	SW	2	o	*	b	*	48	30	-
	Biarritz ...	30·13	53	NE	2	bc	30·24	+·14	54	53	+ 8	SW	2	r	2	bc	*	57	46	-
Peninsula.	Corunna ...																*			
	Lisbon	30·26	53	NNE	4	r	30·31	+·14	50	49	- 6	NE	4	o	*	r	*	54	50	0·01
	Azores (P. Delgada)	29·97	62	S	5	0	29·82	-·28	64	63	+ 4	SSW	6	o	7	o	*	64	60	-

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, 12th December, 1894.

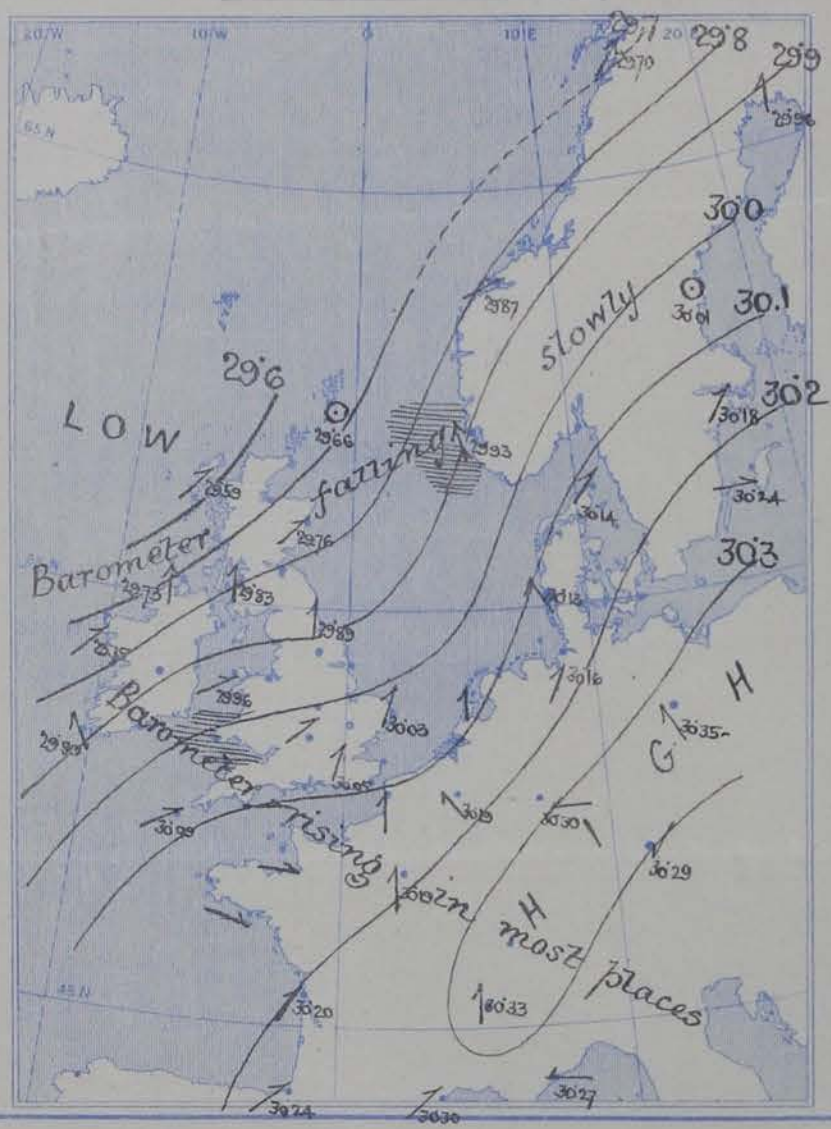
BAROMETER, WIND AND SEA.

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 ▓

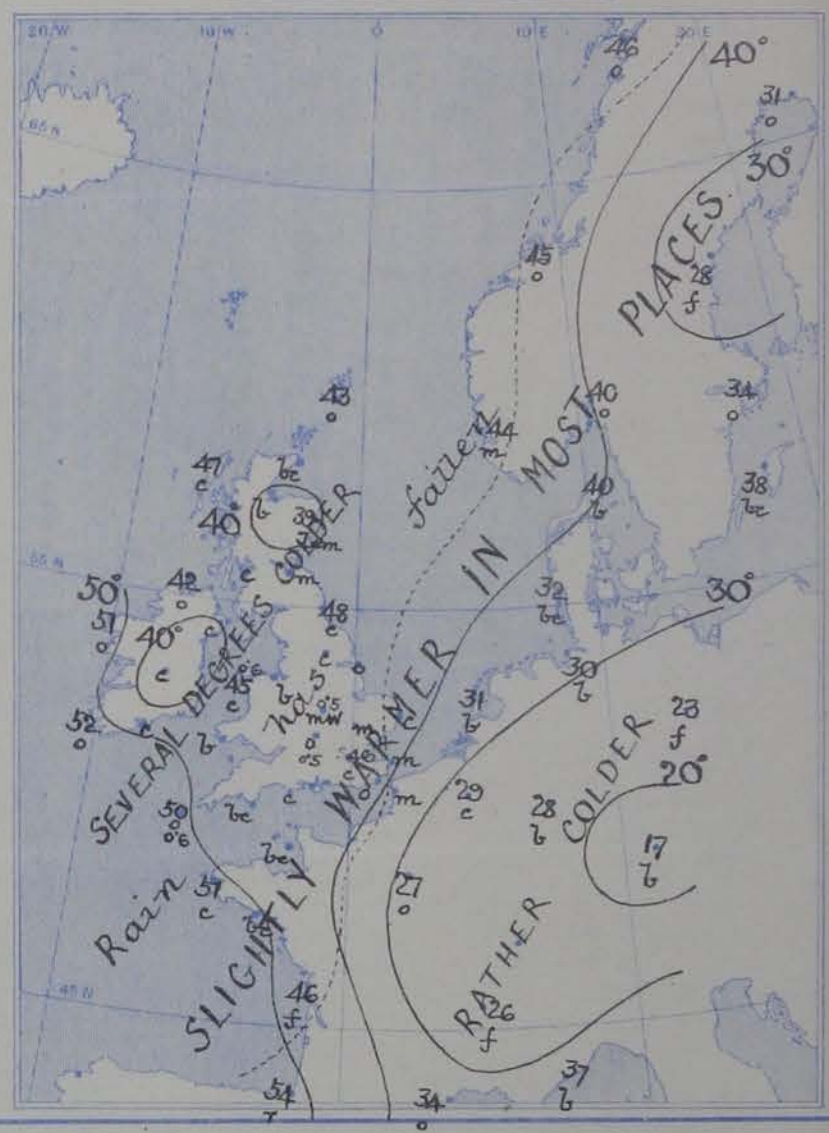


TEMPERATURE & WEATHER.

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 DECEMBER.*

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 · 673	39 · 6	38 · 1	42 · 6	35 · 2	4 · 25	—	—
Stornoway	29 · 705	39 · 4	38 · 5	43 · 1	34 · 2	5 · 63	27 · 6	14
Wick	29 · 718	38 · 1	36 · 8	42 · 2	32 · 7	3 · 10	—	—
Nairn	29 · 743	37 · 1	35 · 6	41 · 9	32 · 8	1 · 95	—	—
Aberdeen	29 · 767	36 · 9	35 · 2	41 · 9	32 · 6	3 · 24	37 · 9	19
Leith	29 · 807	38 · 5	37 · 0	44 · 0	33 · 7	1 · 86	—	—
Shields	29 · 845	38 · 3	36 · 9	42 · 9	33 · 9	2 · 57	—	—
Spurn Head	29 · 873	38 · 8	37 · 7	42 · 4	35 · 3	2 · 14	—	—
York	29 · 890	36 · 4	35 · 4	42 · 3	32 · 3	2 · 28	24 · 5	11
Loughborough	29 · 924	36 · 3	35 · 4	42 · 7	32 · 2	2 · 24	—	—
Ardrossan	29 · 820	40 · 0	38 · 7	44 · 5	35 · 9	3 · 73	—	—
Donaghadee	29 · 848	40 · 2	39 · 3	45 · 8	36 · 2	2 · 84	—	—
Holyhead	29 · 879	42 · 8	41 · 1	46 · 4	39 · 1	3 · 82	—	—
Liverpool	29 · 895	38 · 8	37 · 1	43 · 5	35 · 6	2 · 59	—	—
Parsonstown	29 · 901	37 · 8	36 · 6	44 · 7	33 · 1	3 · 04	44 · 4	19
Valencia	29 · 905	44 · 6	42 · 4	49 · 7	40 · 0	5 · 99	45 · 1	19
Roche's Point	29 · 912	42 · 9	41 · 5	47 · 9	38 · 9	4 · 95	—	—
Pembroke	29 · 916	43 · 6	42 · 2	46 · 8	40 · 3	3 · 99	46 · 2	20
Scilly	29 · 951	47 · 0	45 · 1	49 · 5	43 · 4	4 · 02	—	—
Prawle Point	29 · 970	42 · 5	41 · 1	47 · 0	38 · 2	3 · 76	—	—
Jersey	29 · 985	43 · 1	41 · 4	47 · 3	39 · 3	3 · 82	57 · 1	23
Hurst Castle	29 · 958	40 · 6	39 · 8	45 · 6	36 · 3	2 · 78	—	—
Dover	29 · 953	39 · 8	38 · 6	44 · 3	35 · 9	3 · 00	—	—
LONDON	29 · 954	37 · 8	36 · 7	44 · 0	33 · 9	2 · 10	19 · 4	8
Oxford	29 · 955	37 · 0	35 · 9	42 · 9	33 · 5	2 · 10	37 · 4	16
Cambridge	29 · 941	36 · 2	35 · 5	42 · 8	31 · 6	1 · 88	39 · 3	17
Yarmouth	29 · 916	37 · 9	37 · 0	41 · 9	33 · 7	2 · 66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 in: and upwards over Germany and Central France and also over the Spanish Peninsula.
Lowest, 29·6 in: and less, in a depression lying off the northwest of Scotland.
Gradients slight generally. Barometer rising over Spain, France, and the south of our Islands, but falling elsewhere.

TEMPERATURE

Highest, 54° at Biarritz, 52° at Valencia (Ireland), 51° at Belmullet, Brest, and Lorient, and 50° at Rochefort, Pembroke, Scilly, and Lisbon.
Lowest, (1) 17° at Munich, 23° at Berlin, and 27° at Paris; (2) 25° at Hernösand and 31° at Haparanda; (3) 33° at Nairn.
Twice yesterday morning a considerable fall of temperature has taken place at most of the Irish and Scotch stations, the change at Nairn amounting to as much as 18°.

WIND

Light to fresh from the S.ward or SW.ward over the greater part of Western Europe, but SE. on the eastern shores of the North Sea with a gale at Shoeburyness.
Light from the E.ward in Germany and the extreme south of France.

WEATHER

Fine over the western and northern parts of Great Britain, as well as in Denmark, Germany, and the Netherlands.
Cloudy or overcast in nearly all other parts of our area, with fog at some of the Swedish, German and French stations, and with rain at Biarritz.
Rain fell yesterday over nearly the whole of our Islands, the largest amounts being 0·6 inch at Holyhead and Scilly, and 0·5 inch at Loughborough and Oxford. A solar halo was seen at Jersey, and lunar halos in London and at Aberdeen.

SEA

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

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression is apparently rising at Valencia (Ireland) but the wind there has backed to south, southeast, so that a fresh depression is probably advancing towards our western coasts.

FORECASTS

For the 24 hours ending at NOON on 13th Dec.r 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SW.ly winds, freshening; 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	S.ly and SW.ly winds, freshening; fair to cloudy and showery.
6	SCOTLAND WEST	Same as Nos 0 and 1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	S.ly winds, increasing in force; 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.
Skudesnaes ...	30.09	46	45	SSE	8	r	5
Sumburgh Head	29.69	50	50	S	4	o	5
Stornoway	29.59	49	46	WSW	3	c	8
Aberdeen	29.79	49	48	S	5	ogqd	5
Shields	29.91	47	47	S	3	o	2
Ardrossan	29.77	49	49	SSE	4	O	3
Malin Head ...	29.75	48	45	SW	4	o	3
Belmullet	29.78	50	48	WSW	4	O	#
Holyhead	29.88	52	51	S	6	odf	5
Valencia	29.85	51	46	SW	2	bc	4
Scilly	29.95	53	52	SW	3	o	5
Jersey	30.13	47	43	SE	4	o	4
Hurst Castle ...	30.09	51	50	SSE	3	cu	3
Dungeness ...	30.14	46	44	S	3	b	2
North Foreland	30.17	44	41	S	3	b	3
London (Westminster)	30.12	49	46	S	3	o	#
Yarmouth	30.13	45	42	S	3	bc	3
Rochefort ...	30.22	45	42	ESE	2	m	#

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

Weather cloudy or dull over the greater part of the United Kingdom, with rain at some of our western stations. Fine in the extreme southeast of England and also over a considerable portion of the Continent, but foggy at some of the German, Austrian and Spanish stations, and dull in Russia and the south of Scandinavia, with snow at St Petersburg. Rain extending later to nearly all parts of the United Kingdom, - amounts rather large at some of our western and southern stations. Solar halo seen at Jersey, and lunar halos in London and at Aberdeen.

Temperature risen slightly in our Islands, Norway, and Denmark; fallen in most other countries. Morning readings highest 68° at Malta and Nemours, 59° at Oran and 58° at Coruna; above 50° at most of our own western and northern stations. Lowest 8° at Haparanda and Moscow, 12° at Archangel, 16° at Kiew, and 21° at Uleaborg, considerably below the freezing point over Germany, Austria and Central France. Daily maxima above 50° in most parts of the United Kingdom, and as high as 57° at Nairn; thermometer remaining below 40° over Germany and Central France, and not exceeding 30° at Berlin

Wind S. in our Islands and strong in force on our western coasts. SE. in the west of France and also on the eastern shores of the North Sea, with a gale at Skudenaes. Light and variable over Sweden, Russia, Germany and Austria; moderate to fresh from the N. and NE. in Italy. Subsequently falling light on our western coasts; no important change occurring elsewhere.

Barometer highest 30·5 in: and upwards, over Germany and the Baltic; 30·1 in: and upwards in an anticyclone embracing nearly the whole Continent. Lowest 29·6 in: and less, in a depression lying off the west of Scotland. Depression subsequently moving away in a north-north-easterly direction, but small and very shallow secondary disturbance advancing over England from the southward

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, 13th December, 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 ...	29.86	33	S	2	r	29.60	-.36	34	33	+3	S	4	r	*	r	*	34	25	0.12
	Hernösand ...	29.82	36	S	2	o	29.71	-.30	34	32	+9	SW	2	b	*	o	*	37	18	-
	Stockholm ...	30.05	29	E	o	b	29.96	-.22	35	35	+1	S	2	f	*	b	*	36	28	-
	Wisby	30.11	36	SW	4	b	30.08	-.16	39	38	+1	W	4	o	*	b	*	41	34	-
	Bodö	29.53	42	E	o	o	29.28	-.42	43	40	-3	SSW	6	c	2	o	*	46	34	0.12
	Christiansund ...	29.58	45	NNW	5	c	29.32	-.55	49	44	+4	NW	3	o	4	c	*	49	43	0.08
	Skudesnaes ...	29.84	46	SSE	6	o	29.71	-.22	46	45	+2	S	6	o	6	r.o	*	46	43	?
	Færder (Christiania Fjord)	29.92	42	SSW	6	r	29.84	-.26	44	43	+4	SSW	6	o	4	r	*	44	40	-
	Skagen (The Scaw)	30.00	37	NNW	4	bc	29.95	-.19	44	43	+4	W	4	o	o	bc	*	44	36	-
	Fanö	30.09	34	NNW	4	b	30.08	-.05	43	42	+11	NNW	4	b	*	b	*	45	32	-
British Islands.	Sumburgh Head	29.56	47	SW	3	o	29.44	-.42	50	50	+7	SSW	4	o	5	c.o	*	50	43	0.18
	Stornoway ...	29.44	50	SW	4	r	29.19	-.40	52	52	+5	SW	9	rq	9	blp.or	0.0	52	44	1.25
	Wick	29.55	47	S	3	o	29.31	-.35	52	50	+4	SW	3	o	2	c	*	53	34	0.02
	Nairn	29.57	52	NNW	2	bc	29.34	-.36	54	52	+21	NNW	4	r	1	bc	*	55	31	0.15
	Aberdeen ...	29.73	47	SSW	4	ogq	29.50	-.26	53	50	+14	SSW	8	cqu	5	bcq.oq	0.1	54	38	-
	Leith	29.80	50	NNW	3	c	29.59	-.22	54	50	+11	SW	4	o	*	c	*	55	39	-
	Shields	29.95	47	SSW	3	c	29.80	-.09	52	49	+4	SSW	5	c	2	o.c	*	52	46	-
	Spurn Head ...	30.06	45	SSW	3	cw	30.00	+.03	47	45	+1	SSW	4	ow	4	o.c.w	*	47	42	-
	York	30.05	47	SW	1	c	29.99	.00	47	45	0	S	4	c	*	c	*	50	42	-
	Loughborough ...	30.12	45	S	1	o	30.06	+.08	48	46	+1	SW	4	cqu	*	c.o.cqp	*	48	42	0.01
	Ardrossan ...	29.79	49	S	6	opm	29.58	-.25	51	51	+5	S	8	r	6	omp	*	51	46	0.02
	Malin Head ...	29.63	51	SSW	7	o	29.37	-.36	52	51	+10	SSW	9	or	4	c.o	*	53	42	0.04
	Belmullet ...	29.63	52	SSW	8	o	29.44	-.31	55	50	+4	SSW	9	o	*	p.o	*	55	43	0.80
	Donaghadee ...	29.84	49	S	6	c	29.67	-.21	52	51	+13	SSW	8	c	6	c	*	52	38	0.01
	Liverpool (Bidston)	30.02	51	SSW	2	bc	29.93	-.05	51	48	+7	S	2	bc	4	bc	*	52	44	-
	Holyhead ...	29.98	51	SSW	7	oq	29.86	-.10	51	50	+6	SSW	8	dq	6	cm.oq	*	51	45	0.01
	Parsonstown ...	29.85	52	SW	2	o	29.67	-.24	52	51	+12	SE	3	or	*	o	0.3	54	39	0.03
	Valencia ...	29.82	54	SSE	6	o	29.70	-.20	55	53	+3	S	7	o	6	o	0.0	55	52	0.22
	Roche's Point ..	29.96	52	SSW	6	r	29.80	-.17	53	53	+3	SSW	8	p	6	r.p	*	63	49	0.40
	Pembroke (St. Ann's Hd.)	30.08	52	SW	6	bc	30.02	-.05	53	52	+3	SW	7	o	6	bc	2.5	53	50	-
	Scilly	30.11	52	SSW	5	bc	30.04	-.05	54	51	+4	SSW	6	o	5	c.bc	4.8	54	50	-
	Prawle Point ...	30.19	51	SW	4	c	30.17	+.06	52	50	+6	SW	6	oq	5	c	*	52	45	-
	Jersey (St. Aubin's)	30.26	48	NW	2	b	30.28	+.14	50	47	+2	SSW	5	oqm	4	bc.bw	*	54	43	0.01
	Hurst Castle ...	30.20	49	WSW	2	bc	30.21	+.14	51	50	+2	SW	4	oq	3	bc	*	51	48	-
	Dungeness ...	30.18	46	W	2	c	30.21	+.16	48	47	+1	SW	5	c	4	c	*	52	44	-
Germany & Holland.	North Foreland	30.19	47	WSW	2	o	30.21	+.14	49	45	+3	SW	2	ow	3	o	*	50	39	-
	London (Brixton) ...	30.18	44	SW	2	c	30.18	+.13	48	46	+2	SSW	3	c	*	o.bc.u.b	0.0	51	42	-
	Oxford	30.18	43	SSE	3	o	30.14	+.09	49	47	+1	SSW	3	o	*	c	*	49	43	-
	Cambridge ...	30.17	40	SW	1	o	30.13	+.10	46	45	0	SW	4	bc	*	o	0.0	51	38	-
	Yarmouth ...	30.14	46	SW	2	bm	30.14	+.11	46	44	+2	SW	4	c	3	r.bm	*	48	40	-
France & Belgium.	Cuxhaven ...	30.18	36	SW	3	o	30.21	+.05	36	36	+6	SW	3	f	*	o	*	38	30	-
	Berlin	30.26	26	SE	1	b	30.30	-.05	28	27	+5	W	2	o	*	b	*	28	23	-
	Wiesbaden ...	*	*	*	*	*	30.41	+.11	26	23	-2	E	2	o	*	*	*	34	23	-
	Munich... ..	30.32	19	E	o	b	30.43	+.14	16	16	-1	E	2	o	*	b	*	27	16	-
	The Helder ...	?30.17	42	SW	3	f	?30.19	+.08	43	42	+2	SW	5	f	3	f	*	45	30	-
	Brussels ...	*	*	*	*	*	30.36	+.17	34	34	+5	SSW	2	f	*	o	*	38	29	-
	Cape Gris Nez...	30.17	42	SE	2	f	30.23	+.15	41	41	+5	S	4	f	4	f	*	43	?	-
	Paris	30.32	33	SSE	1	o	30.38	+.19	37	36	+10	SSE	2	o	*	of	*	37	?27	-
	Brest	?	53	SW	3	bc	?	?	54	51	+3	SSW	4	o	5	bc	*	54	50	-
	Lorient... ...	30.28	49	S	1	bc	30.28	+.11	51	49	0	SSW	4	o	4	bc	*	54	45	-
France & Belgium.	Rochefort ...	30.32	46	NW	3	o	30.36	+.16	42	42	-4	SSE	4	m	*	f.o	*	52	41	-
	Belfort	?	26	W	1	m	?	?	30	28		NNW	1	m	*	m	*	33	23	-
	Lyons	30.36	35	N	1	o	30.45	+.12	32	32	+6	ENE	1	f	*	o	*	36	26	-
	Nice	30.25	40	E	1	b	30.31	+.04	37	31	0	E	1	f	1	b	*	50	36	-
	Perpignan ...	30.28	50	NE	2	b	30.33	+.03	39	38	+5	SW	2	b	*	b	*	53	34	-
	Biarritz ...	30.26	54	SSW	2	o	30.29	+.08	47	47	-7	E	4	m	5	o	*	59	45	0.28
Penin-sula.	Corunna ...																*			
	Lisbon	30.30	49	NNE	4	b	30.30	-.01	44	44	-6	NE	4	f	*	b	*	54	44	-
	Azores (P. Delgada)	29.89	59	NNW	3	o	29.94	+.12	57	54	-7	N	3	o	3	o	*	64	55	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 *Thursday, 13th December* 1894.

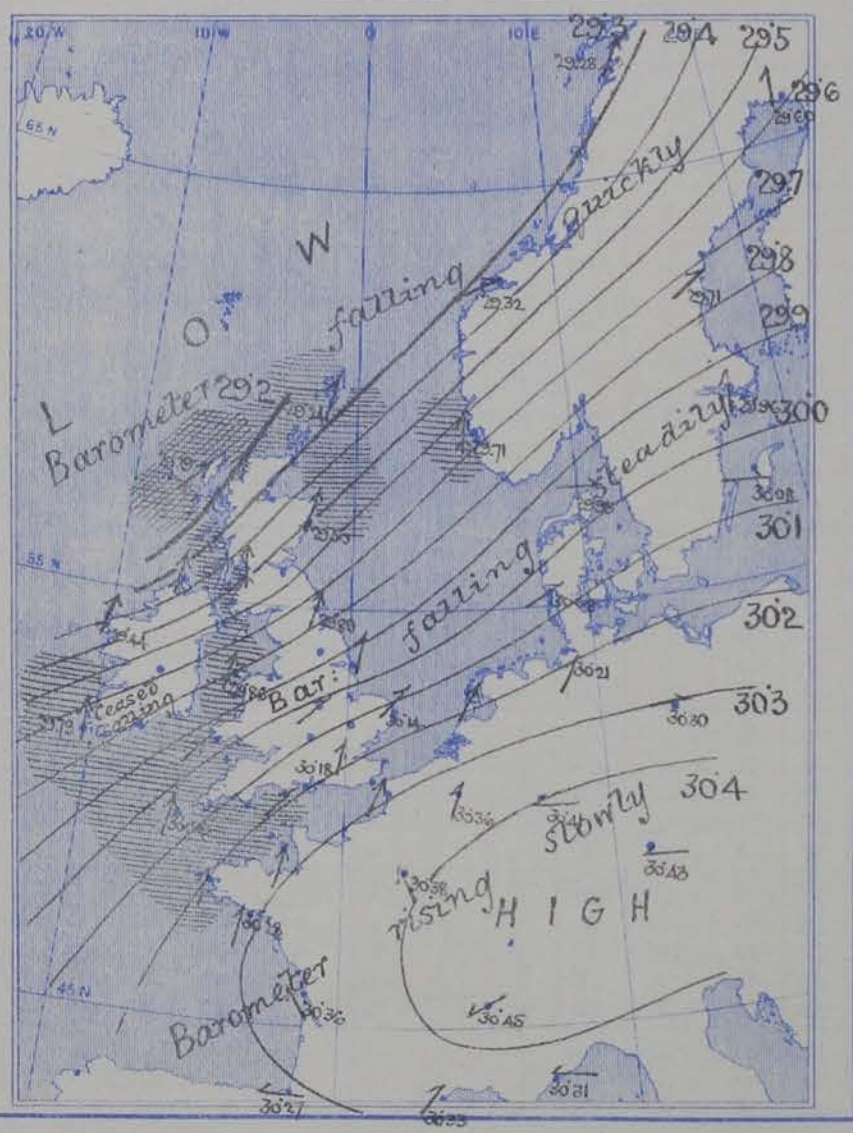
BAROMETER, WIND AND SEA.

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* ▓

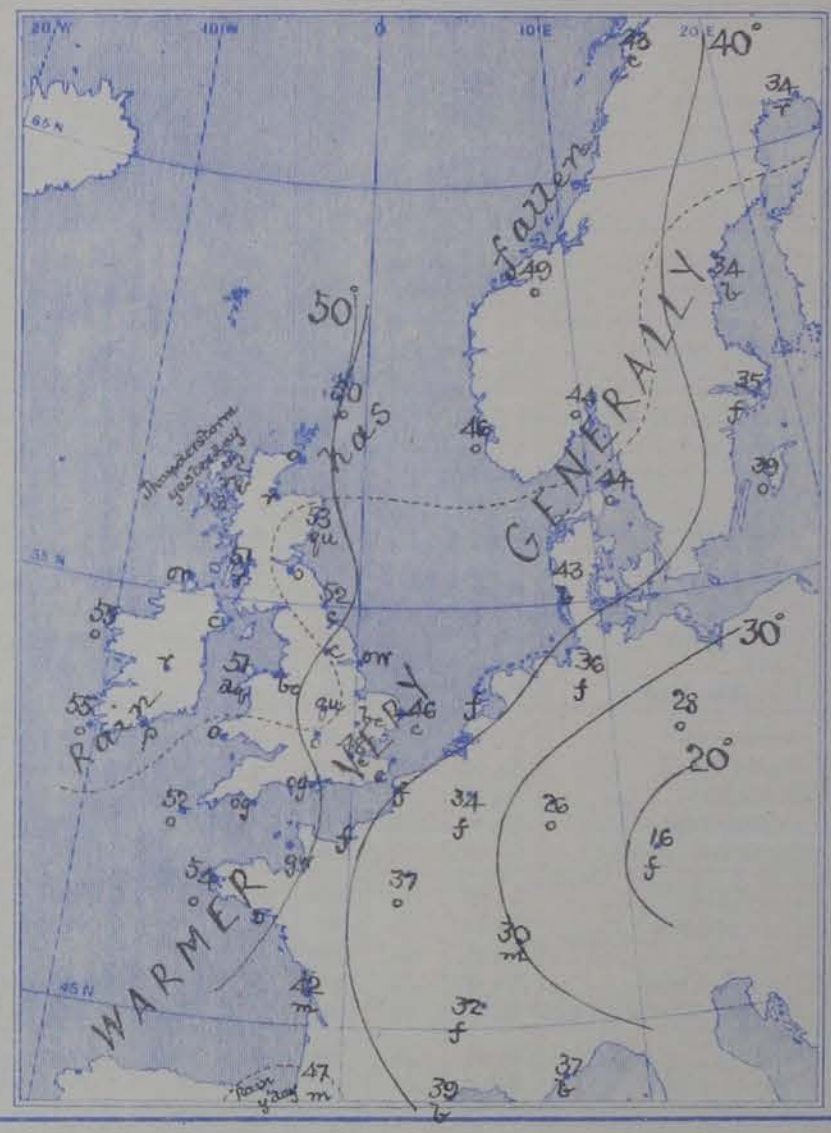


TEMPERATURE & WEATHER.

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 DECEMBER.*

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·9	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·19	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 in: and more to 30·1 in: in a large anticyclone covering France, Germany, the Netherlands, and south of England.
Lowest, 29·2 in: and less, off our extreme northwestern coasts, and below 29·3 in: off the northwest of Norway.
Gradients very steep over all the northwestern and northern parts of our area, slight over France and Germany.
Barometer falling fast in the north, slightly in the south, but shows a tendency to rise again at Valencia (Ireland)

TEMPERATURE

Highest, 55° at Valencia and Belmullet, and considerably above 50° at our western and northern stations generally.
Lowest, 16° at Munich, 26° at Wiesbaden, 28° at Berlin, 34° at Brussels, 31° at Paris;
The maxima exceeded 50° in almost all parts of the Kingdom; the minima during the night were as high as 49 to 52° at several of our western stations, while those over Central England ranged from 38 to 42°.

WIND

S. and SSW. in all parts of the British Islands — moderate to fresh in force at the eastern and southern stations, but blowing a fresh to strong gale in the west and north. Over France and Germany anticyclonic airs prevail, while over Denmark and the Baltic the wind is moderate from W.

WEATHER

Fine over the southern parts of France, cloudy or foggy in most other parts of the Continent; dull in our Islands, squally, with rain in places in the west and north
Heavy rain has fallen in the Hebrides, and smaller quantities in Ireland and Scotland generally.
Lunar halos and corona were seen very generally at our southern stations last night.

SEA

Very high at Stornoway, rough on our western and northern coasts generally, slight in the east.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depressions are now passing away, but the distribution of pressure is of an unsettled type, and further disturbances are likely to reach us shortly.

FORECASTS

For the 24 hours ending at NOON on 14th DEC: 1894.

DISTRICTS.		FORECASTS.
↓ 0	SCOTLAND NORTH	SW. gales, moderating later; squally, mild, rain at times.
↓ 1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	S. and SW. breezes, moderate to strong; cloudy, showery, bright intervals, mild.
↓ 6	SCOTLAND WEST	Same as Nos 0 and 1.
↓ 7	ENGLAND N.W.	
↓ 8	ENGLAND S.W.	S. and SW. winds, strong; squally, showery.
↓ 9	IRELAND NORTH	S. and SW. gales and strong winds; squally, showery.
↓ 10	IRELAND SOUTH	
	WARNINGS	At 3·30 pm yesterday to districts 9 and 10, and at 7·15 pm to districts 0. 1. 6. 7. and part of 8 "Hoist South Cone".

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·84	45	45	SSE	8	r	5
Sumburgh Head	29·57	46	43	SSW	3	c	4
Stornoway	29·55	48	47	SW	3	o	4
Aberdeen	29·77	44	44	SW	4	bcq	3
Shields	29·95	48	45	SSW	2	o	2
Ardrossan	29·81	49	49	SSW	5	p	4
Malin Head ...	29·65	49	47	SSW	7	c	4
Belmullet	29·71	51	50	SSW	6	o	#
Holyhead	29·99	51	49	SSW	5	em	3
Valencia	29·87	54	52	ESE	5	o	6
Scilly	30·13	54	52	SSW	4	bc	4
Jersey	30·23	54	51	W	3	bc	3
Hurst Castle ...	30·16	50	49	WSW	3	bc	2
Dungeness ...	30·14	52	51	WSW	2	c	2
North Foreland	30·12	50	48	WSW	2	o	2
London (Westminster)	30·15	52	49	WSW	2	cm	*
Yarmouth ...	30·10	48	46	SW	3	e	3
Rochefort ...	30·28	50	50	W	1	f	*

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

Weather in morning fine and bright over southern and southeastern Europe, as well as at several stations in the British Islands and northwest of France, cloudy or overcast elsewhere, with some fog at a few of the Continental stations. Heavy rain falling over the Hebrides later, and smaller quantities at the Scotch and Irish stations; sky clearing temporarily in the east and south of England, and lunar halo and corona seen over our southern counties.

Temperature changing irregularly, but inclined to rise over the United Kingdom and Northern Europe as a whole. Morning readings highest (1) 59° at Malta and Oporto, 57° at Nemours and Lorrona; (2) 51° at Brest, and 50° to 52° on our own extreme southwestern coasts, 49° at Hurst Castle, 48° at Shields, 46° in London. Lowest (1) – 3° at Kharkov, +6° at Kiev, 8° at Moscow, 23° to 28° at the German stations, 26° at Lyons, 27° at Paris, 29° at Brussels. Rising over the British Islands and north of France later, and rise apparently spreading.

Wind (1) very light and anticyclonic over Russia and Central Europe; (2) E. to N. and moderate to light over the greater part of the Mediterranean; (3) W. to S. and moderate, over the United Kingdom, S. or SSE. over the North Sea. Increasing from SE. and S. on our western coasts later, and blowing a gale towards night.

Barometer highest 30·4 ins: to 30·2 ins: all over the southwestern, central, and eastern parts of the Continent. Lowest (1) 29·6 ins: and less, off our extreme northwestern coasts, and below 29·7 ins: off the west coast of Lapland; (2) below 30·1 ins: over Malta, Sicily, the south of Italy, and the whole of Greece and Turkey. Falling fast in the northwest and west of our Islands later as a large depression came towards Northwestern Europe from the Atlantic.

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 Friday, 14th December, 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 ...	29·24	36	S	8	r	28·98	-·62	37	37	+ 3	S	6	r	*	r	*	37	28	0·20
	Hernösand ...	29·38	41	S	8	r	29·17	-·54	44	42	+ 10	SSW	6	bc	*	r	*	44	32	-
	Stockholm ...	29·82	42	SSW	4	o	29·65	-·31	43	41	+ 8	SSW	6	o	*	o	*	43	28	-
	Wisby	30·04	42	SSW	6	o	29·91	-·17	41	40	+ 2	SW	10	r	*	o	*	43	34	0·04
	Bodö	28·76	43	SW	8	r	29·08	-·20	34	32	- 9	WNW	7	o	4	r	*	43	32	0·47
	Christiansund ...	29·11	51	SW	6	c	29·30	-·02	38	36	- 11	ENE	6	r	5	c	*	55	37	0·87
	Skudesnaes ...	29·57	49	SSW	8	o	?29·32	-·39	45	44	- 1	WSW	10	o	8	r.o	*	47	45	?
	Færder (Christiania Fjord)	29·66	46	SSW	9	o	29·45	-·39	47	45	+ 3	SSW	10	o	6	o	*	47	43	-
	Skagen (The Scaw)	29·84	46	WSW	4	o	29·67	-·28	48	46	+ 4	W	5	o	?	o	*	48	41	-
	Fanö	29·99	46	SW	6	o	29·95	-·13	46	46	+ 3	SW	5	o	*	o	*	46	43	0·04
British Islands.	Sumburgh Head	29·12	49	SSW	9	o	29·64	+·40	38	37	- 12	N	3	c	5	c.o	*	52	38	0·43
	Stornoway ...	29·10	49	WSW	8	o[q]u	29·75	+·56	40	40	- 12	NW	3	op	3	o[r]q.o	0·0	52	39	0·55
	Wick	29·17	50	SW	7	b	29·76	+·45	40	39	- 12	NW	6	b	6	b	*	55	39	0·10
	Nairn	29·27	50	SW	6	o	29·80	+·46	41	39	- 13	SW	1	b	1	o	*	56	39	0·03
	Aberdeen ...	29·41	53	SSW	9	bq	29·85	+·35	41	38	- 12	WSW	2	bc	3	bc[q].bq	0·0	55	41	-
	Leith	29·59	54	SW	6	o	29·90	+·31	45	43	- 9	SSW	3	o	*	o	*	56	42	0·11
	Shields	29·71	53	SSW	7	c	29·97	+·17	49	47	- 3	SW	3	c	2	c	*	55	47	-
	Spurn Head ...	29·92	51	SSW	5	o	30·05	+·05	49	48	+ 2	SW	3	o	3	o	*	51	46	-
	York	29·87	53	S	4	o	30·05	+·11	50	48	+ 3	SW	2	o	*	o	*	55	46	-
	Loughborough ...	29·99	52	SW	6	o	30·09	+·03	49	48	+ 1	SW	2	op	*	cq.oq[r]o	*	54	47	0·03
	Ardrossan ...	29·59	52	SW	8	cm	29·93	+·35	49	47	- 2	WSW	4	o	3	om.cm	*	53	47	0·03
	Malin Head ...	29·45	50	WSW	8	bq	29·90	+·53	46	44	- 6	SSW	4	or	3	o.bq	*	54	46	0·07
	Belmullet ...	29·69	51	WSW	8	o	29·94	+·50	47	46	- 8	WSW	2	o	*	c.o	*	55	47	0·05
	Donaghadee ...	29·70	54	WSW	8	c	29·98	+·31	46	45	- 6	SSW	4	o	3	c	*	56	45	-
	Liverpool (Bidston)	29·92	54	SW	4	o	30·06	+·13	51	48	0	SSW	1	o	2	o	*	56	50	-
	Holyhead ...	29·86	52	SW	8	o[q]m	30·04	+·18	51	50	0	SW	5	o	4	o[q]d[r]m	*	53	49	0·16
	Parsonstown ...	29·84	52	W	2	bc	30·02	+·35	45	44	- 7	W	0	o	*	o.bc	0·5	52	45	-
	Valencia ...	29·90	54	SW	4	o[q]m	30·03	+·33	51	49	- 4	SSE	2	o	4	o[q]m	0·0	55	50	-
	Roche's Point ...	29·93	53	WSW	5	b	30·06	+·26	51	51	- 2	WSW	2	r.m	4	r.om	*	54	50	0·16
	Pembroke (St. Ann's Hd.)	29·98	53	WSW	7	r	30·10	+·08	51	51	- 2	WSW	4	o[q]	5	o[r]	0·0	53	51	0·24
	Scilly	30·06	54	SSW	6	m	30·10	+·06	51	51	- 3	ENE	1	m	5	om	0·0	55	50	0·34
	Prawle Point ...	30·14	53	SW	6	o	30·13	-·04	53	52	+ 1	SW	6	r[q]	5	o.r[q]	*	53	51	0·11
	Jersey (St. Aubin's)	30·24	49	S	5	o[q]m	30·24	-·01	49	48	- 1	S	6	o[q]m	5	o[q]m	*	50	49	-
	Hurst Castle ...	30·18	51	SW	5	o	30·16	-·05	52	52	+ 1	SSW	5	m[d]	4	om	*	52	48	0·02
	Dungeness ...	30·19	49	SSW	6	c	30·17	-·04	49	49	+ 1	SW	5	o	5	c	*	49	47	-
	North Foreland	30·19	49	SW	5	cq	30·17	-·04	50	49	+ 3	SW	4	o[q]q	3	o.cq	*	50	45	-
	London (Brixton) ...	30·16	50	SSW	4	ov	30·16	-·02	51	50	+ 3	WSW	1	o[d]	*	o.ov	0·0	52	46	0·01
	Oxford	30·10	52	SSW	5	o	30·16	+·02	49	49	0	SW	1	r[q]	*	o.[d]m	*	53	49	0·14
	Cambridge ...	30·09	50	SW	5	o	30·12	-·01	49	49	+ 3	SW	1	r	*	o	0·0	53	45	0·03
	Yarmouth ...	30·03	48	SSW	5	c	30·11	-·03	50	49	+ 4	WSW	3	r	3	c	*	50	44	-
Germany & Holland.	Cuxhaven ...	30·18	39	SW	5	r[q]	30·16	-·05	39	39	+ 3	WSW	4	r	*	r[q]	*	40	35	0·12
	Berlin	30·30	34	SW	2	bc	30·29	-·01	31	31	+ 3	SW	2	r[q]o	*	bc	*	34	28	-
	Wiesbaden ...	*	*	*	*	*	30·40	-·01	31	31	+ 5	S	1	*	*	*	*	31	26	-
	Munich	30·42	22	NE	2	r[q]	30·40	-·03	22	22	+ 6	W	3	b	*	r[q]	*	25	16	-
	The Helder ...	30·15	45	SW	6	o	30·14	-·05	46	45	+ 3	SW	14	r	3	o	*	46	43	-
Belgium.	Brussels ..	*	*	*	*	*	30·30	-·06	38	37	+ 4	SSW	2	o	*	o	*	42	34	-
	Cape Gris Nez ...	30·23	46	WSW	5	o	30·20	-·03	47	46	+ 6	SW	5	o	5	c	*	48	32	-
	Paris	30·39	39	SSW	2	o	30·36	-·02	36	36	- 1	SSE	2	o	*	o	*	41	36	-
	Brest	?	54	SSW	4	o	?	?	54	54	0	SW	4	o	5	o	*	54	50	-
	Lorient	30·29	52	S	5	o	30·31	+·03	52	51	+ 1	SSW	5	o	4	o	*	52	48	-
France &	Rochefort ...	30·37	40	SSE	3	r	30·41	+·05	35	35	- 7	W	0	m	*	r	*	48	32	-
	Belfort														*		*			
	Lyons	30·45	35	E	1	r[q]o	30·47	+·02	32	32	0	SW	1	r[q]o	*	r[q]o	*	40	32	-
	Nice	30·34	41	E	1	r[q]o	30·28	-·03	43	34	+ 6	E	2	o	*	r[q]o	*	50	37	-
	Perpignan ...	30·36	42	SW	2	r[q]o	30·35	+·02	30	30	- 9	SW	2	o	*	r[q]o	*	58	29	-
	Biarritz ...	30·28	46	ESE	4	o	30·34	+·07	35	34	- 12	SE	3	m	5	o	*	52	34	0·04
Peninsula.	Corunna ...														*		*			
	Lisbon	30·34	47	NNE	4	o	30·43	+·13	44	44	0	NNE	4	o	*	o	*	68	44	-
	Azores (P. Delgada)	29·98	55	NNE	4	r	30·07	+·13	51	51	0	NE	5	c	3	r	*	63	52	0·05

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, 14th December, 1894.

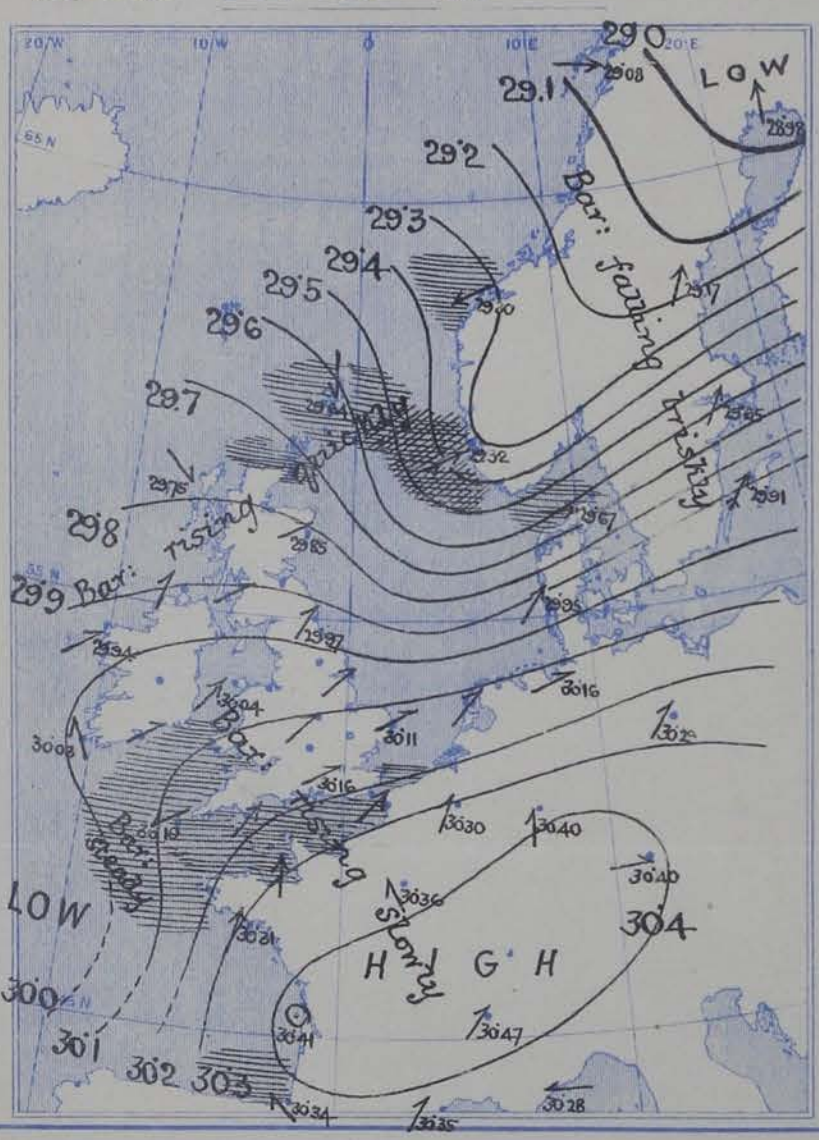
BAROMETER, WIND AND SEA.

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* ▓

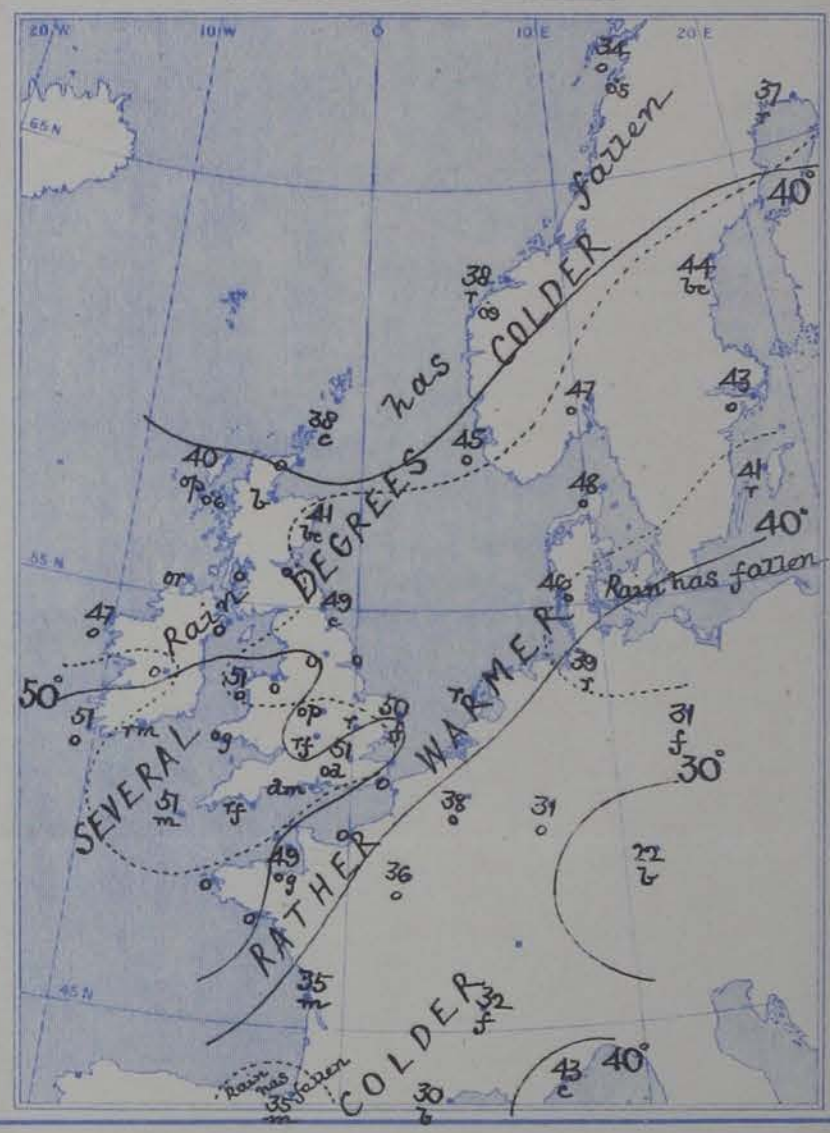


TEMPERATURE & WEATHER.

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 DECEMBER.*

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 · 673	39 · 6	38 · 1	42 · 6	35 · 2	4 · 25	—	—
Stornoway	29 · 705	39 · 4	38 · 5	43 · 1	34 · 2	5 · 63	27 · 6	14
Wick	29 · 718	38 · 1	36 · 8	42 · 2	32 · 7	3 · 10	—	—
Nairn	29 · 743	37 · 1	35 · 6	41 · 9	32 · 8	1 · 95	—	—
Aberdeen	29 · 767	36 · 9	35 · 2	41 · 9	32 · 6	3 · 24	37 · 9	19
Leith	29 · 807	38 · 5	37 · 0	44 · 0	33 · 7	1 · 86	—	—
Shields	29 · 845	38 · 3	36 · 9	42 · 9	33 · 9	2 · 57	—	—
Spurn Head	29 · 873	38 · 8	37 · 7	42 · 4	35 · 3	2 · 14	—	—
York	29 · 890	36 · 4	35 · 4	42 · 3	32 · 3	2 · 28	24 · 5	11
Loughborough	29 · 924	36 · 3	35 · 4	42 · 7	32 · 2	2 · 24	—	—
Ardrossan	29 · 820	40 · 0	38 · 7	44 · 5	35 · 9	3 · 73	—	—
Donaghadee	29 · 848	40 · 2	39 · 3	45 · 8	36 · 2	2 · 84	—	—
Holyhead	29 · 879	42 · 8	41 · 1	46 · 4	39 · 1	3 · 82	—	—
Liverpool	29 · 895	38 · 8	37 · 1	43 · 5	35 · 6	2 · 59	—	—
Parsonstown	29 · 901	37 · 8	36 · 6	44 · 7	33 · 1	3 · 04	44 · 4	19
Valencia	29 · 905	44 · 6	42 · 4	49 · 7	40 · 0	5 · 99	45 · 1	19
Roche's Point	29 · 912	42 · 9	41 · 5	47 · 9	38 · 9	4 · 95	—	—
Pembroke	29 · 916	43 · 6	42 · 2	46 · 8	40 · 3	3 · 99	46 · 2	20
Scilly	29 · 951	47 · 0	45 · 1	49 · 5	43 · 4	4 · 02	—	—
Prawle Point	29 · 970	42 · 5	41 · 1	47 · 0	38 · 2	3 · 76	—	—
Jersey	29 · 985	43 · 1	41 · 4	47 · 3	39 · 3	3 · 82	57 · 1	23
Hurst Castle	29 · 958	40 · 6	39 · 8	45 · 6	36 · 3	2 · 78	—	—
Dover	29 · 953	39 · 8	38 · 6	44 · 3	35 · 9	3 · 00	—	—
LONDON	29 · 954	37 · 8	36 · 7	44 · 0	33 · 9	2 · 10	19 · 4	8
Oxford	29 · 955	37 · 0	35 · 9	42 · 9	33 · 5	2 · 10	37 · 4	16
Cambridge	29 · 941	36 · 2	35 · 5	42 · 8	31 · 6	1 · 88	39 · 3	17
Yarmouth	29 · 916	37 · 9	37 · 0	41 · 9	33 · 7	2 · 66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 ins: and more to 30·2 ins: over Germany, France, and the greater part of the Channel, and exceeding 30·0 ins: over England and the southern parts of Ireland.
Lowest, Below 29·0 ins: over Lapland, and below 29·3 ins: over the south of Norway.
Gradients moderating and decreasing over our Islands, esp: over Denmark and the southern parts of Sweden and Norway. Distribution very complex.
Barometer rising very decidedly in the northwest and north of our Islands.

TEMPERATURE

Highest, 48° to 53° over the southern parts of our Islands and the coasts of Brittany, 51° at Holyhead, Liverpool, and in London.
Lowest, 22° at Munich, 31° at Berlin and Wiesbaden, 36° at Paris.
It has begun to fall fast over the northern parts of the British Islands and the northwest of Norway, and the fall seems likely to spread.

WIND

Very variable (1) NE. strong at Christiansund, but SW. a strong gale in the south of Norway, and NW. fresh in Scotland; (2) SW. moderate, over England, fresh to strong in the Channel, but ENE. very light at Scilly; (3) Variable airs and Calms over the southern half of Ireland.
The gales which prevailed in the east and north yesterday have all died down.

WEATHER

Has become fair at our northern stations, but is dull and unsettled over England; very rainy over our southern counties.
Over Central France it is dull or foggy, but quiet; at Munich the sky is clear.
Rain has fallen in many parts of the Kingdom and in Norway, at the most northern stations the fall has been considerable.

SEA

Still rough in the north, rather rough on our south and southwest coasts, as well as in the Bay of Biscay, slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure and the changes in progress are becoming very complex. A considerable fall of temperature is likely to occur over England tonight — probably of a temporary character.

FORECASTS

For the 24 hours ending at NOON on 15th DEC. 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Varying W. (NW to SW) winds; fair and hazy to unsettled.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	SW. and S. winds; rainy, unsettled, very doubtful later. Colder.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos. 0 to 2.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Very Variable winds; weather changeable.
9	IRELAND NORTH	Very light breezes; unsettled, some rain.
10	IRELAND SOUTH	
	WARNINGS	At 10·30 am. to districts 0.1.6.7.9.10 & part of 8 "Lower Cone".

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to 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 ...	29·62	47	46	S	8	r	6
Sumburgh Head	29·17	51	51	SSW	4	c	5
Stornoway	29·12	50	50	WSW	8	rq	8
Aberdeen	29·39	54	50	SW	9	3cq	6
Shields	29·70	53	51	SSW	7	c	2
Ardrossan	29·56	53	52	S	8	o	6
Malin Head ...	29·40	53	48	SSW	8	o	5
Belmullet	29·52	53	49	WSW	8	c	*
Holyhead	29·83	52	51	SSW	8	qdf	7

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·80	55	52	SSW	6	0gm	6
Scilly	30·04	55	54	S	6	0	5
Jersey	30·26	49	47	S	4	0gm	3
Hurst Castle ...	30·19	52	50	SSW	4	0m	3
Dungeness ...	30·21	48	47	SW	5	c	4
North Foreland	30·19	49	46	SW	5	o	4
London (Westminster)	30·17	52	49	SSW	4	o	*
Yarmouth ...	30·10	49	46	SW	5	c	3
Rochefort ...	30·37	40	40	SSE	3	f	*

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

Weather in morning fine and bright at most of the stations in southern Europe, very dull over the more central stations, with a great deal of fog over North Germany, the Netherlands and northeast of France, overcast, squally, and unsettled over the British Islands, the North Sea and Norway, with rain at the Irish and Scotch stations, and an angry appearance at Aberdeen. Rain falling later in many parts of the United Kingdom and Scandinavia – rather heavily in the Hebrides, Shetlands and west of Norway.

Temperature rising rapidly in Ireland, Scotland, the north of France, and the countries lying to the eastward of the North Sea; morning readings 55° in the west of Ireland, 54° at Oporto, Scilly, and Nairn, and exceeding 45° over the east of England and the west of Norway. Lowest 6° to 15° F at the Russian stations, 21° at Kuopio; 25° at Riga; (2) 16° at Munich, 22° at Prague, 25° at Vienna. Maxima ranging between 53° and 56° over the western and northern parts of our Islands, but failing to reach 32° over South Germany, and not exceeding 34° at Berlin and 41° at Paris.

Wind S[3] to SW[3] over all the northwestern and northern countries, and blowing a fresh to strong gale over the western and northern parts of the British Isles and the west of Norway; light and anticyclonic over the greater part of Continental Europe, but NE[1] to N[2] and strong over Malta, Sicily, the south of Italy, and Greece. Gale veering W^ly over the northern parts of the United Kingdom later, and subsequently blowing hard from NW. over Caithness.

Barometer highest 30·4 ins: and more over Central Russia, as well as over South Germany and the central parts of France and Spain. Lowest 29·2 ins: and less, in a large depression lying to the northwestward of Scotland and Norway, and 30·0 ins: and less, in another depression in the neighbourhood of Malta. Rising decidedly in the west of our Islands later, falling fast 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.

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, 15th December, 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 ...	29.29	29	NW	2	c	29.53	+.55	18	17	-19	NW	4	b	*	c	*	37	?	0.04
	Hernösand ...	29.49	35	NW	6	o	29.80	+.63	26	24	-18	N	0	b	*	o	*	46	?	
	Stockholm ...	29.41	41	SW	4	r	29.89	+.18	28	27	-15	NW	2	b	*	r	*	46	?	0.20
	Wisby	29.66	43	WSW	8	c	29.89	-.08	36	32	-5	N	4	b	*	c	*	46	36	0.04
	Bodö	29.40	27	W	7	S	29.61	+.53	27	24	-7	W	6	c	3	S	*	34	23	
	Christiansund ...	29.80	32	NNW	6	c	29.67	+.37	31	28	-7	SE	4	bc	5	c	*	38	30	0.12
	Skudesnaes ...	?29.89	37	NW	4	r	?29.69	+.37	37	34	-8	SE	4	b	4	c.r	*	45	36	?
	Færder (Christiania Fjord)	29.74	42	NNW	4	b	29.84	+.39	36	33	-11	ENE	4	c	2	b	*	50	36	
	Skagen (The Scaw)	29.79	41	W	6	b	29.78	+.11	39	36	-9	SE	1	b	0	b	*	48	36	
	Fanö	29.89	43	WSW	2	c	29.68	-.27	38	37	-8	E	2	f	*	c	*	46	37	
	Sumburgh Head	29.82	32	S	0	b	29.31	-.33	44	44	+6	WSW	3	r	4	b	*	46	32	0.13
	Stornoway ...	29.69	43	W	1	c	29.51	-.24	39	39	-1	NW	3	cp	3	b.c	3.4	46	37	0.36
	Wick	29.74	40	NW	2	c	29.47	-.29	39	38	-1	NW	3	c	2	c	*	45	35	0.05
	Nairn	29.78	35	S	0	b	29.54	-.26	39	38	-2	N	1	bc	1	b	*	46	33	0.07
	Aberdeen ...	29.87	34	SW	2	bm	29.55	-.30	39	37	-2	WNW	3	bc	3	bcm.b.q	0.0	46	34	0.05
British Isl.	Leith	29.86	45	S	0	o	29.64	-.26	40	38	-5	WSW	4	bc	*	o	*	48	38	0.11
	Shields	29.93	48	E	2	o	29.67	-.30	40	39	-9	NNW	5	b	2	c.m.o.r	*	51	39	0.22
	Spurn Head ...	29.96	47	S	2	r	29.75	-.30	44	41	-5	N	6	b	4	o.q.m.r	*	49	43	0.40
	York	30.01	50	SSW	1	f	29.74	-.31	43	40	-7	N	4	b	*	f	*	51	42	0.23
	Loughborough ...	29.99	49	SSE	1	r	29.86	-.23	41	39	-8	N	5	bq	*	r.[illegible].bc	*	51	40	0.48
	Ardrossan ...	29.89	49	SW	3	c	29.68	-.25	44	42	-5	NNW	3	r	3	o.cp	*	49	41	0.20
	Malin Head ...	29.73	46	S	5	b	29.76	-.14	44	41	-2	NNW	7	bp	4	bc.b.rl	*	46	41	0.12
	Belmullet ...	29.77	46	WSW	4	o q p	30.03	+.09	46	42	-1	SW	6	cu	*	c.o q p	*	50	40	0.16
	Donaghadee ...	29.87	46	SSW	3	c	29.84	-.14	39	38	-7	WSW	6	b	4	c	*	48	37	0.08
	Liverpool (Bidston)	29.95	49	S	2	r	29.85	-.21	43	40	-8	W	8	bc	6	r	*	53	43	0.14
	Holyhead ...	29.92	50	SW	1	q m p	29.92	-.12	44	41	-7	W	8	c q	6	o q m p	*	52	41	0.06
	Parsonstown ...	29.90	45	S	0	b	30.04	+.02	40	37	-5	W	2	b	*	o.r	0.0	50	38	0.29
	Valencia ...	29.93	52	SW	4	bc	30.20	+.17	48	43	-3	W	7	bc	6	o p. bc	0.0	53	43	0.13
	Roche's Point ..	29.96	51	WSW	4	r	30.16	+.10	45	43	-6	WNW	4	b	4	r m	*	53	42	0.20
	Pembroke (St. Ann's Hd.)	29.96	50	W	4	r	30.08	-.02	48	44	-3	NW	6	c	5	r.q	0.0	51	45	0.35
	Scilly	30.01	51	NNW	4	o	30.19	+.09	50	46	-1	WNW	6	cp	5	m.o	0.0	54	46	0.33
	Prawle Point ...	29.98	54	SW	7	f	30.15	+.02	46	44	-7	WNW	7	bc	5	f a. q	*	52	44	0.15
	Jersey (St. Aubin's)	30.15	53	SSW	5	o g a m	?30.19	-.08	51	46	+2	NNW	6	cqp	5	g a m. q	*	55	48	0.12
	Hurst Castle ...	29.99	53	SSW	6	a	30.04	-.12	46	45	-6	WSW	5	bc	4	ma	*	54	46	0.20
	Dungeness ...	30.02	51	SW	6	p	29.94	-.23	45	43	-4	W	5	c	4	r.p.q	*	51	45	0.18
	North Foreland	29.99	51	SW	5	r q m	29.85	-.32	45	43	-5	W	6	bcq	4	o. q m	*	53	44	0.09
	London (Brixton) ...	30.00	49	SSW	3	o r	29.96	-.20	43	40	-8	NNW	3	b	*	g s r. o r. b	0.0	54	42	0.82
	Oxford	29.93	47	S	1	r	29.96	-.20	40	38	-9	NW	2	b	*	o r	*	50	40	0.59
	Cambridge ...	30.00	48	SW	1	r	29.89	-.23	42	40	-7	WSW	5	b	*	o r	0.0	51	41	0.51
	Yarmouth ...	30.02	50	S	0	r f	29.78	-.33	44	41	-6	W	6	cq	3	r f	*	51	42	0.58
Germany & Holland.	Cuxhaven ...	30.10	40	SW	2	f	29.67	-.49	39	39	0	ESE	2	r	*	f	*	41	38	0.60
	Berlin	30.14	39	SW	2	r f	29.73	-.56	34	34	+9	SW	1	r	*	r	*	34	30	0.55
	Wiesbaden ...	*	*	*	*	*	29.91	-.49	37	36	+6	SW	2	o	*	*	*	37	31	0.04
	Munich	30.29	32	SW	2	c	30.02	-.38	44	38	+22	SW	5	r	*	c	*	45	21	
	The Helder ...	?30.00	42	SW	5	r	?29.71	-.43	44	43	-2	N	1	r	1	r	*	48	41	0.87
Belgium.	Brussels ...	*	*	*	*	*									*		*			
	Cape Gris Nez...	30.06	49	SW	5	r	29.89	-.31	48	48	+1	NNW	7	bc	7	r	*	50	41	0.20
	Paris	30.30	89	ESE	3	o	30.10	-.26	45	44	+9	SSW	3	o	*	o	*	45	36	
	Brest	?	54	WSW	5	f	?	?	51	46	-3	NNW	5	b	6	f	*	55	48	
	Lorient... ...	30.24	54	SSW	6	r	30.29	-.02	51	47	-1	NNW	6	bc	5	r	*	54	48	
France &	Rochefort ...	30.29	38	SE	3	f	30.31	-.10	51	51	+16	NW	4	r	*	f	*	?	35	0.20
	Belfort	*	*	*	*	*									*		*			
	Lyons ...	30.04	38	N	1	f	30.34	-.13	30	30	-2	E	1	o	*	f	*	35	28	
	Nice	?	46	N	0	b f	30.17	-.11	42	39	-1	E	1	bc	1	b f	*	57	41	
	Perpignan ...	30.28	57	NW	3	b	30.30	-.05	53	39	+23	N	3	b	*	b	*	66	?30	
	Biarritz ...	30.36	46	E	2	m	30.41	+.07	51	45	+16	SW	3	c	2	m	*	51	35	
Peninsula.	Corunna ...																*			
	Lisbon	30.47	51	NNE	3	b	30.49	+.06	48	43	-1	N	3	b	*	b	*	55	41	
	Azores (P. Delgada)	30.21	60	NNE	4	o	30.24	+.17	62	61	+5	ESE	4	o	5	o	*	61	57	

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, 15th December, 1894.

BAROMETER, WIND AND SEA.

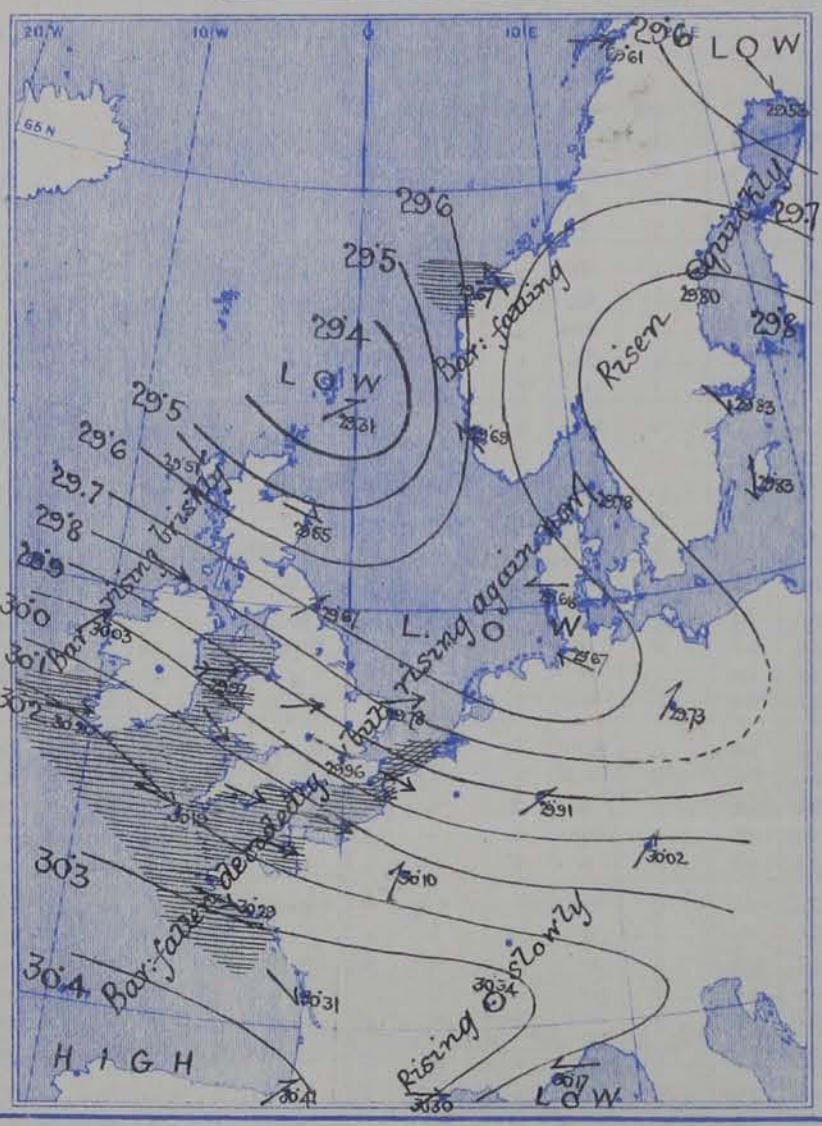
BAROMETER—Isobars are drawn for each tenth of an inch.

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 DECEMBER.*

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 30·4 ins: and more, 30·2 ins: over Spain, France, the Bay of Biscay and our extreme southwest coasts; (2) 29·8 ins: and more over the Baltic and south of Sweden.
Lowest, Below 29·4 ins: over the Shetlands, and below 29·7 ins: in a "hollow" over the North Sea.
Gradients somewhat steep for NW$^{\rightarrow}$ and W$^{\rightarrow}$ winds in our Islands, slight for SE$^{\rightarrow}$ winds on the eastern shores of the North Sea.
Barometer rising fast in the west and northwest, and the rise is spreading eastwards.

TEMPERATURE

Highest, 53° at Perpignan, 51° along the west coast of France and at Jersey, 50° at Scilly, and 48° at Valencia (Ireland).
Lowest, 18° at Haparanda, 27° at Bodö, and 28° at Stockholm and Karlstadt.
The maxima recorded yesterday ranged between 50° and 55° over the western and southern parts of our Islands. The thermometer subsequently fell fast over England.

WIND

W$^{\rightarrow}$ to NW$^{\rightarrow}$ over our Islands and the Channel and fresh to a gale in force; NW$^{\rightarrow}$, and more moderate over the Bay of Biscay.
SW$^{\rightarrow}$, moderate, over Germany, SE$^{\rightarrow}$ light, on the eastern shores of the North Sea.

WEATHER

Fair as a whole over our Islands, but not settled; showery in the Shetlands, Hebrides, and north of Ireland.
Dull and rainy over Germany, clear over Scandinavia.
Rain fell very generally during yesterday — especially in the south and southeast. The largest measurements reported are 0·6 in: at Oxford, Yarmouth, and Cuxhaven, 0·8 in: in London, 0·9 in: at the Halder.

SEA

Very rough on our western coasts, rough in the south, moderate in the northeast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Showers are likely to occur in some localities today, but the night will probably be fair and cold over our Islands generally.

FORECASTS

For the 24 hours ending at NOON on 16TH DEC^{R} 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW$^{\rightarrow}$ to SW$^{\rightarrow}$ winds; changeable, showery, unsettled.
1	SCOTLAND EAST	
2	ENGLAND N.E.	NW$^{\rightarrow}$ to W$^{\rightarrow}$ winds, fresh or strong; some showers. Cold tonight.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos 0 and 1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	W$^{\rightarrow}$ and NW$^{\rightarrow}$ winds, strong; squally, showery.
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 ...	29·78	41	38	NNW	6	c	4
Sumburgh Head	29·81	96	38	Z	0	bc	4
Stornoway	29·80	46	44	W	1	b	1
Aberdeen	29·89	37	35	W	1	bcm	2
Shields	29·95	51	48	SW	2	cm	2
Ardrossan	29·94	49	48	SW	3	o	3
Malin Head ...	29·84	46	45	S	4	bc	3
Belmullet	29·86	50	49	WSW	2	c	*
Holyhead	30·00	51	50	SW	3	ogm	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·94	52	51	E	4	op	4
Scilly	30·03	54	54	ESE	4	m	5
Jersey	30·22	54	52	SSW	5	o	4
Hurst Castle ...	30·10	53	52	SSW	5	md	4
Dungeness ...	30·09	50	50	SW	5	r	5
North Foreland	30·09	51	50	SW	4	o	3
London (Westminster)	30·08	53	52	Z	0	qfr	*
Yarmouth ...	30·08	50	49	SW	1	rf	3
Rochefort ...	30·40	36	35	Z	0	f	*

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

Weather in morning fine over Spain, and fair as a whole over nearly all the central and eastern parts of the Continent; very unsettled over the northern countries and the British Islands, with rain in several localities, and over our southern counties generally. Rain falling later in nearly all parts of our Islands and northern Europe — amounts largest (0·6 in. to 0·8 in.) over the southeast of England, and 0·9 in. at the Helder.

Temperature fallen decidedly over Ireland and Scotland. Morning readings highest 57° at Malta, 55° at Algiers, 54° at Brest, 53° to 51° over the south and southwest of our Islands, 49° at Ardrossan, 48° at the Scaw. Lowest (1) 5° at Moscow, 8° to 10° over Poland, 21° at St Petersburg, 22° at Munich and also at Archangel. Very mild over the south of England till night, but falling decidedly towards morning, and rising fast in the west of France.

Wind (1) Light and anticyclonic over Russia, Central, and Southwestern Europe; (2) Blowing a gale from S. and SW. over the Baltic and Scandinavia; (3) Moderate NW^{3} to W^{2} in Scotland, but SW^{3} over England, S^{3} over the Channel, and E^{3}, very light, at Scilly. Remaining SW^{3} over the British Islands till night, then changing to W. suddenly.

Barometer highest 30·5 in. and more to 30·3 in. in a long band stretching from Russia across Central Europe to Spain, and having in it three distinct maxima. Lowest below 29·0 in. over Lapland, and below 29·3 in. in a "V" stretching thence in a SW^{3} direction over Sweden and Norway; below 30·0 in. in a small shallow system off our southwestern coasts and in another off the south of Italy. Falling over our Islands till night, then rising fast in the west and north.

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.
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DAILY WEATHER REPORT

for 8 a.m. on Sunday 16th December, 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 ...	29·79	11	NE	0	b	29·40	−·13	32	32	+14	SSW	8	o	*	b	*	?	9	—
	Hernösand ...	29·82	23	S	2	b	29·62	−·18	27	23	+1	S	6	bc	*	b	*	34	16	—
	Stockholm ...	29·93	21	NE	0	b	29·80	−·03	30	28	+2	SE	2	o	*	b	*	41	19	—
	Wisby	29·85	33	E	4	bc	29·79	−·04	29	26	−7	SE	4	bc	*	bc	*	36	8	—
	Bodö	29·33	26	E	6	o	28·90	−·71	37	30	+10	SE	7	o	3	o	*	37	21	—
	Christiansund ...	29·34	41	WSW	7	c	29·59	−·08	32	30	+1	WNW	8	s	6	c	*	41	30	0·08
	Skudesnaes ...	?29·67	39	SSE	9	r	?29·71	+·02	?	?	?	NW	6	c	4	r	*	39	34	?
	Færder (Christiania Fjord)	29·86	34	E	3	b	29·58	−·26	34	33	−2	ESE	6	c	3	b	*	36	34	—
	Skagen (The Scaw)	29·83	36	SE	2	b	29·62	−·16	38	36	−1	WNW	2	bc	0	b	*	39	34	—
	Fanö	29·79	37	ESE	3	o	29·76	+·08	39	36	+1	W	4	c	*	o	*	41	37	0·12
	Sumburgh Head	29·53	37	WNW	4	r	29·90	+·59	32	32	−10	N	3	s	4	r	*	44	30	0·05
	Stornoway ...	29·80	40	NW	4	c	30·04	+·53	35	35	−4	N	1	o	1	c	1·0	43	34	0·16
	Wick	29·75	35	NW	3	c	?29·91	+·44	34	32	−5	NW	3	c	2	rsp,c,s	*	40	32	0·18
	Nairn	29·89	40	NNW	2	c	30·00	+·46	37	35	−2	N	3	c	2	c	*	41	32	0·02
	Aberdeen ...	29·84	39	WSW	4	bq	30·00	+·45	34	33	−5	NW	2	c	3	bq	4·6	42	34	0·06
	Leith	29·93	39	WSW	3	b	29·96	+·32	39	37	−1	WSW	2	bc	*	b	*	44	37	0·06
	Shields	29·94	41	W	3	b	29·95	+·28	39	38	−1	N	3	b	2	b,r	*	44	38	0·18
	Spurn Head ...	30·01	43	W	5	b	29·82	+·07	46	45	+2	W	4	r	4	b,r	*	46	40	0·21
	York	30·03	40	NW	2	b	?29·88	+·14	42	41	−1	N	1	c	*	b	*	45	39	0·12
	Loughborough ...	30·10	42	WNW	5	b	29·90	+·04	49	47	+8	W	4	cpq	*	bc,cpq	*	49	39	0·11
British Islands.	Ardrossan ...	29·95	45	W	4	opq	30·02	+·34	39	38	−5	WNW	2	bc	2	opq	*	48	38	0·10
	Malin Head ...	29·98	45	W	5	op	30·05	+·29	43	41	−1	N	3	b	2	op	*	49	40	0·21
	Belmullet ...	?30·12	47	SW	4	op	30·12	+·09	49	47	+3	WSW	3	o	*	op	*	51	43	0·56
	Donaghadee ...	30·08	42	SW	4	c	30·04	+·20	44	43	+5	N	5	b	3	c	*	45	38	0·16
	Liverpool (Bidston)	30·10	44	W	6	b	29·96	+·11	46	43	+3	WNW	6	bc	5	b	*	49	42	0·33
	Holyhead ...	30·15	45	W	7	opq	30·01	+·09	48	45	+4	NW	8	c	6	opq	*	51	42	0·27
	Parsonstown ...	30·18	45	W	1	o	30·14	+·10	46	45	+6	W	2	b	*	b,o	5·3	51	39	0·14
	Valencia ...	30·27	50	SW	3	rq	30·24	+·04	52	50	+4	WSW	5	cm	5	rq	1·4	52	47	0·08
	Roche's Point ...	30·28	48	W	4	bc	30·22	+·06	52	50	+7	WNW	3	c	3	bc	*	52	44	—
	Pembroke (St. Ann's Hd.)	30·25	49	NW	6	b	30·15	+·07	51	51	+9	WNW	6	cq	6	b	4·5	51	46	0·06
	Scilly	30·32	50	WNW	5	c	30·25	+·06	52	50	+2	NW	6	c	5	b,c	4·6	52	46	0·02
	Prawle Point ...	30·32	44	WNW	6	bc	30·15	·00	49	47	+3	W	7	pq	6	bcq,p	*	49	44	0·05
	Jersey (St. Aubin's)	30·35	48	WNW	4	bq	30·23	+·04	52	49	+1	W	6	cpq	5	b	*	53	47	0·04
	Hurst Castle ...	30·26	45	WNW	3	b	30·08	+·04	49	48	+3	W	4	pm	3	b	*	48	44	0·03
	Dungeness ...	30·16	42	WNW	3	bc	29·96	+·02	48	47	+3	WSW	5	r	4	bc	*	48	39	0·10
	North Foreland	30·13	43	WNW	5	b	29·94	+·09	46	45	+1	WSW	5	r	4	b	*	46	38	0·10
	London (Brixton) ...	30·18	42	W	2	bm	29·97	+·01	45	47	+5	WSW	2	qp	*	b,bm,p	5·3	49	39	0·06
	Oxford	30·20	40	W	0	o	29·97	+·01	48	46	+8	WSW	3	q	*	b,o,r	*	48	40	0·10
	Cambridge ...	30·09	41	NW	?3	?c	29·90	+·01	47	46	+5	WSW	5	bc	*	b,r	4·5	48	37	0·17
	Yarmouth ...	30·00	42	WNW	4	bc	29·86	+·08	44	43	0	WSW	4	cq	4	bc	*	44	37	0·19
Germany & Holland.	Cuxhaven ...	29·70	39	NW	1	f	29·88	+·21	39	?	0	W	1	c	*	f	*	41	35	—
	Berlin	29·31	33	W	2	r	29·87	+·24	35	34	+1	W	1	r	*	r	*	41	33	0·20
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich	30·00	37	SW	7	o	30·18	+·16	35	33	−9	W	7	c	*	o	*	45	34	0·28
	The Helder ...	?29·95	46	NW	6	bc	?29·93	+·22	43	41	−1	SW	4	r	3	bc	*	46	43	0·25
France & Belgium.	Brussels ...	*	*	*	*	*	30·08		39	37		SW	5	r	*	o	*	45	35	—
	Cape Gris Nez ..	30·14	48	NW	6	c	30·01	+·12	46	46	−2	WSW	6	r	6	c	*	52	39	0·24
	Paris	30·31	46	WNW	3	b	30·31	+·21	38	37	−7	S	2	r	*	b	*	52	36	0·04
	Brest	?	50	NNW	3	bc	?	?	50	49	−1	WNW	4	c	4	bc	*	55	46	—
	Lorient	30·42	50	WNW	5	bc	30·36	+·07	50	48	−1	WNW	5	bc	4	bc	*	54	45	—
	Rochefort ...	?30·43	47	NW	3	b	?30·41	+·10	46	46	−5	NW	2	o	*	b	*	55	45	—
	Belfort														*		*			
	Lyons	30·37	43	NNW	3	b	30·43	+·09	35	34	+5	NW	1	bc	*	b	*	45	30	0·04
	Nice	30·03	44	NNE	1	b	30·09	−·08	42	41	0	SE	2	c	2	b	*	54	39	—
	Perpignan ...	30·30	52	NW	4	bc	30·38	·00	48	42	−5	NW	5	bc	*	bc	*	64	48	
	Biarritz ...	30·44	53	NNE	4	o	30·41	·00	47	45	−4	SE	3	bc	2	o	*	55	45	0·20
Peninsula.	Corunna ...														*		*			
	Lisbon	30·44	53	N	4	b	30·37	−·12	44	42	+1	NNE	3	b	*	b	*	59	43	—
	Azores (P. Delgada)	30·32	62	ESE	5	c	30·29	+·05	62	60	0	SE	4	c	5	c	*	64	59	—

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, ... 16th DEC.r ..... 1894.

BAROMETER, WIND AND SEA.

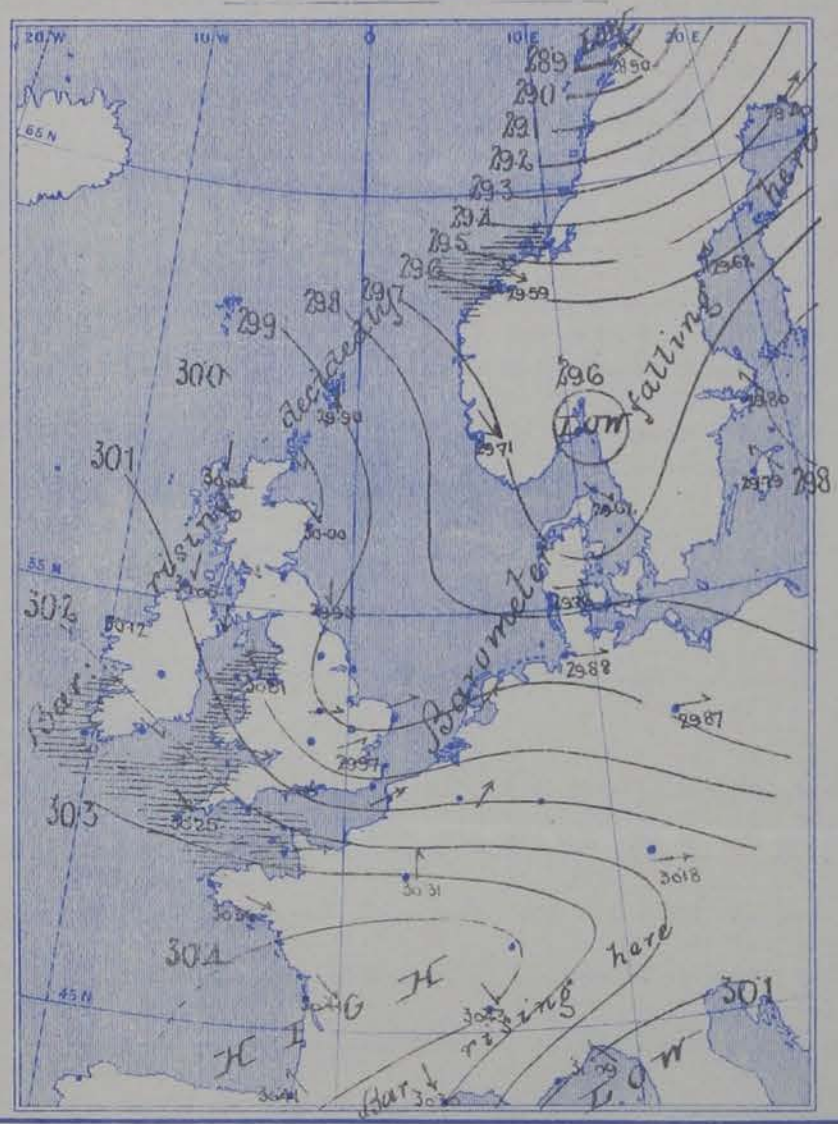
BAROMETER—Isobars are drawn for each tenth of an inch.

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

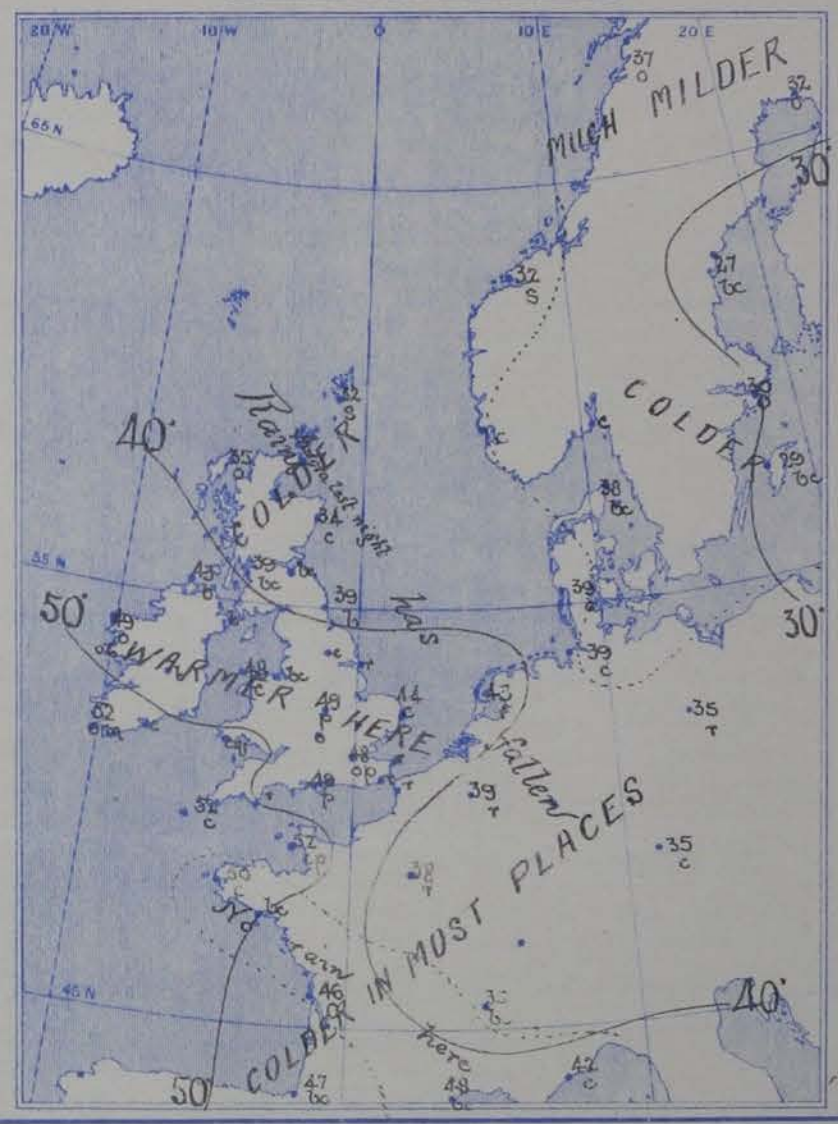


TEMPERATURE & WEATHER.

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 DECEMBER.*

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 ins: and more over Spain and the southwest of France, and exceeding 30·0 ins: over the remainder of France and the southwest of England, and in a ridge spreading northwards over the whole of our western and northwestern stations.
Lowest, 28·9 ins: at Bodö, and below 29·5 ins: over the northern part of Scandinavia generally; below 29·9 ins: over the northeastern parts of England.
Gradients rather steep over the south of England and decidedly steep over the northern part of Norway, moderate to slight elsewhere.
Barometer rising throughout the western and northwestern parts of our Islands, falling over the North Sea and East of England.

TEMPERATURE

Highest, 52° at Jersey, Scilly, and on the south coast of Ireland, 50° at Lorient, 49° at Belmullet and Hurst Castle
Lowest, (1) 27° at Hernösand, 30° at Stockholm; (2) 32° at Jedburgh 1st, 34° at Aberdeen; (3) 35° at Berlin, 38° at Paris.
Changing fitfully over our Islands. Maxima of 50° to 52° recorded at our western stations during past day, 53° at Jersey.

WIND

Light N^ly on our northwest coasts, NW^ly at the Welsh stations, W^ly to WSW^ly over the Channel and south of England and north of France; NW^ly strong on the Norwegian coast, but SE^ly over Lapland and Sweden.
Varying much over our Islands between NW. and SW. during preceding 24 hours.

WEATHER

Very changeable. Clear at many of our northwestern stations, cloudy or overcast elsewhere, with rain in many places, snow at Flamborough Head.
Yesterday was very fine over England but rain has come on during the night — amounts reported small

SEA

Rough on our southwest coasts generally, and at Christiansund, moderate in the Channel, smooth on our northeast coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 17th DEC: 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.
Skudesnaes ...	29.61	39	36	SSE	7	o	5
Sumburgh Head	29.47	43	41	W	4	cp	4
Stornoway	29.74	43	39	NNW	3	r	3
Aberdeen	29.74	41	37	W	4	bq	3
Shields	29.85	43	40	WSW	5	b	2
Ardrossan	29.87	48	47	W	4	bc	3
Malin Head ...	29.96	46	43	W	6	c	4
Belmullet	30.12	48	43	W	5	op	#
Holyhead	30.08	45	42	W	8	bcq	7
Valencia	30.27	50	45	WSW	4	cq	5
Scilly	30.30	51	46	NW	5	c	5
Jersey	30.29	53	47	NW	6	bc	5
Hurst Castle ...	30.18	48	45	WNW	6	b	4
Dungeness ...	30.05	47	44	W	6	b	4
North Foreland	30.01	46	44	WNW	7	bc	5
London (Westminster)	30.06	48	42	WNW	4	b	#
Yarmouth ...	29.89	44	40	WNW	5	bcu	3
Rochefort ...	30.32	52	51	NW	4	b	#

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

Weather in morning fine over the Mediterranean generally, also over Scandinavia and Denmark, as well as almost the whole of the British Islands; dull and unsettled over Northern Europe, with rain and sleet in places. Cloudy and angry looking in the extreme northwest of Ireland and Scotlands. Rain falling later over the British Islands generally, as well as over Germany, with sleet at some of our northeastern stations, but amounts collected not large, showers locally over France, lightning seen in S. Germany, and Aurora at night in the north of Scotland.

Temperature changing frequently, but not very considerably. Morning readings highest 58° at Malta, 54° at Algiers, 53° at Perpignan, 50° at Scilly, 48° at Valencia (Ireland). Lowest 8° to 24° over the southern half of Russia; 18° at Haparanda, 26° at St Petersburg, 30° at Lyons, 38° at Belfast. Touching 52° at many of our western stations later and 48° to 49° over the southeast of England. Night minima 29° at Loughborough.

Wind (1) W. moderate to strong over our Islands, and a gale along the north coast of Wales, but SE. moderate, on the eastern shores of the North Sea; (2) N. over the Baltic and Gulf of Finland, and blowing a gale at Helsingfors, S. at St Petersburg. SW. over Germany; (3) E. over the northern parts of the Mediterranean, and strong to a gale from NE. over Greece. Backing to SW. in Ireland later, but moderating in force; N. wind over the Baltic dying out. Evening reports from Greece not received.

Barometer highest 30·5 ins. and more over Central Spain, 30·4 ins. and more over Hungary and the southwest of Russia, and exceeding 30·0 ins. over southeastern and the southern parts of Central Europe generally. Lowest below 29·4 ins. in a depression over the Shetlands, below 29·5 ins. in another over Finland, below 29·7 ins. over the Netherlands and North Sea and below 29·8 ins. over Greece. Depression over the Shetlands moving northeastwards later, that over the Netherlands reaching North Germany.

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 Monday, 17th December, 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 ...	29.31	31	NNW	6	0	29.41	+.01	16	?	− 16	NW	4	bc	*	0	*	32	10	-
	Hernösand ...	29.49	25	S	2	0	29.66	+.04	22	17	− 5	W	4	b	*	0	*	28	22	-
	Stockholm ...	29.52	28	SW	0	0	29.71	−.09	23	21	− 7	NW	2	b	*	0	*	36	21	-
	Wisby	29.47	30	SE	4	S	29.73	−.06	32	32	+ 3	N	6	0	*	S	*	?	27	0.08
	Bodö	29.57	25	NNW	6	S	29.69	+.79	22	20	− 15	W	6	S	3	S	*	?	18	-
	Christiansund ...	29.88	32	N	6	S	29.91	+.32	31	30	− 1	NE	4	S	5	S	*	36	28	0.28
	Skudesnaes ...	?29.71	31	N	4	bc	?29.99	+.28	29	29	?	SW	0	C	2	c, bc	*	31	27	?
	Færder (Christiania Fjord)	29.67	33	NNW	6	b	29.94	+.36	29	26	− 5	NNW	4	b	1	b	*	34	29	-
	Skagen (The Scaw)	29.63	31	NE	5	bc	29.95	+.33	34	31	− 4	NNE	1	b	0	bc	*	39	30	-
	Fano	29.75	34	NNW	6	c	30.02	+.26	31	31	− 8	N	1	b	*	c	*	41	30	0.04
British Islands.	Sumburgh Head	30.09	30	N	9	c	29.73	−.17	37	35	+ 5	SSE	4	0	6	c	*	37	30	0.01
	Stornoway ...	30.10	35	SW	0	b	29.57	−.47	45	45	+ 10	W	3	bc	4	bc, b	0.4	45	32	0.12
	Wick	30.13	32	NW	1	b	29.59	−.32	40	39	+ 6	S	5	0u	3	b	*	40	25	0.10
	Nairn	30.14	29	SW	0	bc	29.64	−.36	42	40	+ 5	W	2	r	1	bc	*	42	26	0.01
	Aberdeen ...	30.17	33	NW	2	c	29.79	−.21	38	37	+ 4	SSW	2	ogp	4	sp, c	2.7	39	30	0.01
	Leith	30.15	37	NW	1	c	29.78	−.18	42	40	+ 3	S	1	0	*	c	*	42	32	0.01
	Shields	30.15	38	NW	2	b	29.94	−.01	35	35	− 4	S	3	r	2	p, b	*	42	31	0.03
	Spurn Head ...	30.12	40	NNW	4	cr	30.04	+.22	38	37	− 8	S	5	rsp	5	cr	*	46	36	0.08
	York	30.17	38	N	2	b	29.98	+.10	35	35	− 7	S	1	r	*	b	*	43	31	0.06
	Loughborough ...	30.18	37	W	1	c	30.08	+.18	39	39	− 10	SSE	3	ogdm	*	cg, bc, o	*	49	31	-
	Ardrossan ...	30.13	37	NE	2	0	29.74	−.28	49	49	+ 10	W	5	rm	4	0	*	49	36	0.14
	Malin Head ...	30.07	42	SSE	4	or	29.73	−.32	47	46	+ 4	W	5	b	2	0.or	*	50	42	0.28
	Belmullet ...	30.09	49	S	2	op	29.85	−.27	49	46	0	SW	3	c	*	op	*	52	46	0.26
	Donaghadee ...	30.15	42	WSW	8	bc	29.82	−.22	48	48	+ 4	SW	5	c	8	bc	*	48	40	0.16
	Liverpool (Bidston)	30.19	41	W	0	c	29.96	−.00	43	43	− 3	SE	3	r	2	c	*	46	40	0.03
	Holyhead ...	30.17	46	E	1	c	29.93	−.08	50	49	+ 2	SW	5	0	4	c	*	50	44	0.09
	Parsonstown ...	30.16	48	W	2	r	29.91	−.23	52	51	+ 6	WSW	2	r	*	0, r	0.0	52	45	0.10
	Valencia ...	30.20	49	WSW	3	0	29.98	−.26	53	52	+ 1	SW	4	0m	5	0	0.7	54	47	-
	Roche's Point ...	30.22	51	WNW	8	c	30.02	−.20	53	53	+ 1	W	4	rm	4	c	*	53	48	-
	Pembroke (St. Ann's Hd.)	30.21	51	NW	1	0	30.05	−.10	51	51	0	WSW	5	dm	4	0	1.0	52	49	0.08
	Scilly	30.25	52	WNW	5	c	30.15	−.10	51	51	− 1	SW	5	m	5	c	0.5	53	47	-
	Prawle Point ...	30.24	48	NNW	2	b	30.17	+.02	48	46	− 1	WSW	3	0	2	c, b, p	*	51	46	0.09
	Jersey (St. Aubin's)	30.24	52	NW	4	bc	30.24	+.01	50	48	− 2	W	4	cgpm	3	0, bc	*	52	48	0.10
	Hurst Castle ...	30.21	44	NNE	1	bc	30.16	+.08	49	48	0	WSW	2	0	2	b	*	52	42	0.02
	Dungeness ...	30.11	45	NNW	4	0	30.18	+.22	44	41	− 4	ESE	3	0	2	0	*	51	38	-
Germany & Holland.	North Foreland	30.13	43	N	6	bcgj	30.19	+.25	40	38	− 6	S	3	cgm	3	c, bc	*	49	36	-
	London (Brixton) ...	30.18	42	NW	2	bc	30.16	+.20	40	39	− 8	SSE	2	ogq	*	op, bc, bm	0.0	51	38	0.09
	Oxford	30.23	41	W	1	c	30.13	+.16	40	40	− 8	S	3	ogq	*	c	*	51	39	-
	Cambridge ...	30.17	37	NW	3	b	30.14	+.14	38	37	− 9	S	2	b	*	0, b	0.0	50	31	-
	Yarmouth ...	30.06	43	NNW	3	bc	30.14	+.28	37	35	− 7	SSW	3	cm	3	bc	*	47	32	0.06
	Cuxhaven ...	29.79	38	WNW	1	r	30.11	+.23	36	33	− 3	N	2	b	*	r	*	40	32	0.28
	Berlin	29.73	37	W	3	r	29.90	+.09	31	30	− 4	NW	4	S	*	r	*	39	30	0.28
	Wiesbaden ...	*	*	*	*	*	30.23		36	33		NW	2	c	*	*	*	39	36	0.35
	Munich	29.95	32	SW	7	s	30.13	−.05	31	30	− 4	NW	6	c	*	s	*	39	30	0.08
	The Helder ...	?30.01	42	NNW	6	b	?30.18	+.25	40	36	− 3	NNW	1	c	2	b	*	43	39	0.20
France & Belgium.	Brussels ...	*	*	*	*	*	30.26	+.18	34	33	− 5	ESE	1	c	*	c	*	48	33	0.28
	Cape Gris Nez ...	30.07	42	NW	5	c	30.18	+.17	41	41	− 5	S	2	c	2	c	*	50	37	0.16
	Paris	30.12	50	WNW	3	0	30.29	−.02	36	36	− 2	SE	1	c	*	0	*	50	35	0.04
	Brest	?	50	NW	4	c	?	?	50	48	0	WNW	3	c	3	c	*	54	45	-
	Lorient	30.34	51	NW	4	c	30.30	−.06	48	48	− 2	NW	4	0	4	c	*	52	45	-
	Rochefort ...	30.36	48	NW	4	0	30.34	−.07	48	46	+ 2	W	3	c	*	0	*	50	46	-
	Belfort	?	37	NW	3	r	?	?	37	36		W	1	0	*	r	*	?	30	0.32
	Lyons	30.28	39	SSE	1	r	30.30	−.13	41	40	+ 6	N	1	r	*	r	*	44	35	0.12
	Nice	30.08	43	E	1	c	29.97	−.12	48	38	+ 6	E	1	bc	1	c	*	54	38	-
	Perpignan ...	30.31	52	NW	4	bc	30.28	−.02	50	46	+ 2	NW	3	c	*	bc	*	57	43	-
	Biarritz ...	30.41	51	S	3	r	30.36	−.05	50	47	+ 3	SSE	3	0	2	r	*	55	46	0.08
Penin-sula.	Coruna ...																*			
	Lisbon	30.32	51	N	4	b	30.35	−.02	46	43	+ 2	NNE	4	b	*	b	*	59	44	-
	Azores (P. Delgada)	30.28	62	ESE	5	0	30.25	−.04	61	59	− 1	SE	5	c	5	0	*	63	59	-

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 17th December, 1894.

BAROMETER, WIND AND SEA.

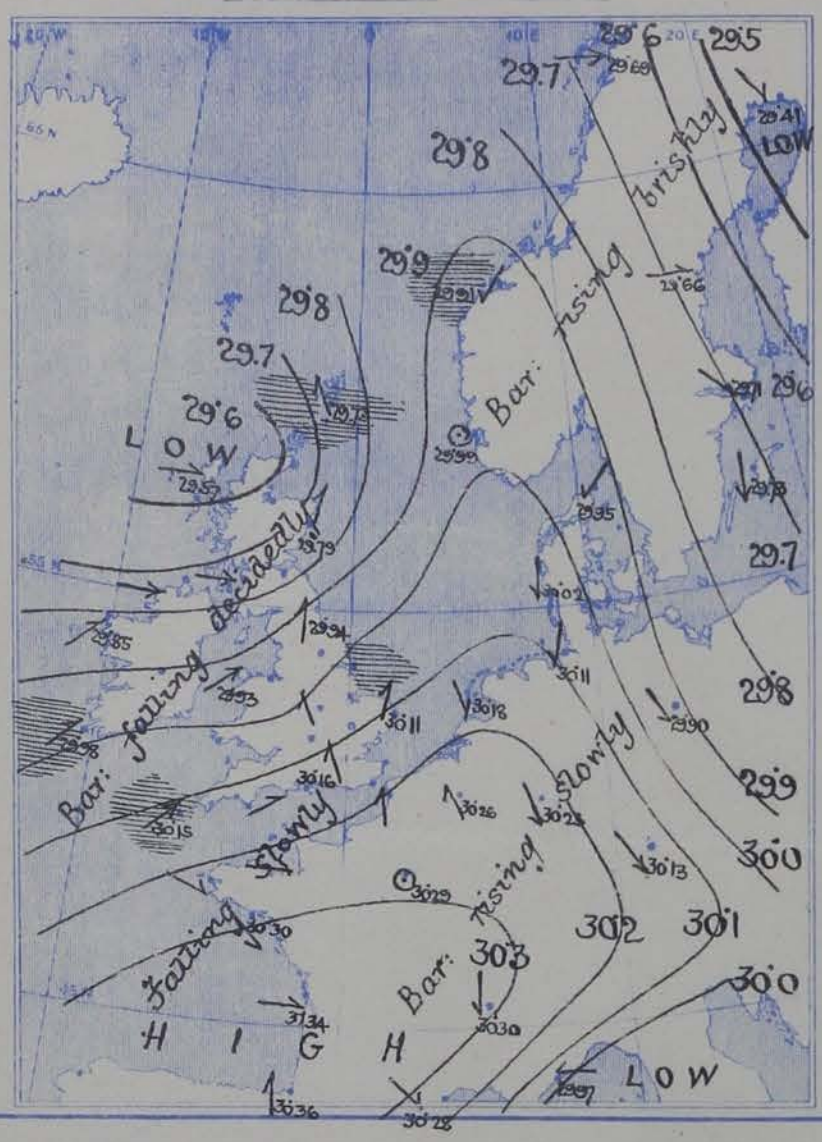
BAROMETER—Isobars are drawn for each tenth of an inch.

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

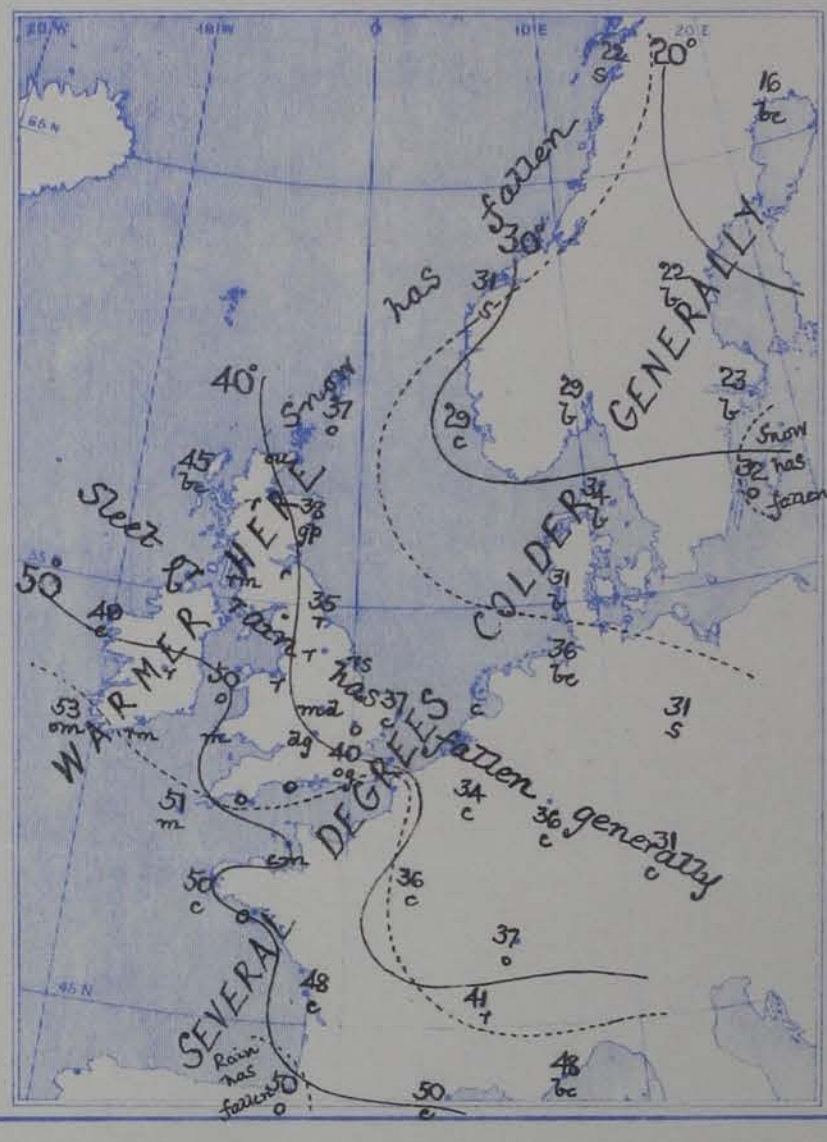


TEMPERATURE & WEATHER.

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 withou' 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 DECEMBER.

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 ins: and more to 30·1 ins: in a high pressure area covering Spain, France, Western Germany, and the south of England.
Lowest, (1) Below 28·5 ins: at the northern extremity of the Gulf of Bothnia; (2) below 29·6 ins: over the north of Scotland; (3) below 30·0 ins: over the Gulf of Genoa and the northeastern parts of the Mediterranean generally.
Gradients slight over the greater part of France and Spain, moderate over our Islands. Barometer falling over the United Kingdom generally.

TEMPERATURE

Highest, 53° at Valencia and Rockell's, 51° at Scilly, 50° at Brest and Biarritz, 49° at Ardrossan.
Lowest, (1) 16° at Haparanda, 20° at Karlstadt, 22° at Bodø and Hernösand; (2) 36° at Shields and York, 38° at Cambridge; (3) 31° at Berlin and Munich and 36° at Paris.
It has fallen a great deal over England during the night, but risen over Ireland, and the rise is apparently spreading eastwards.
The changes have been very fitful during the previous day or two.

WIND

(1) NW$^{\uparrow}$ and N$^{\uparrow}$ over Sweden and Denmark; (2) S$^{\uparrow}$ and SW$^{\uparrow}$ over the United Kingdom, light to fresh in force; (3) Moderate from the W$^{\text{ward}}$ over the Bay of Biscay: and (4) E$^{\uparrow}$ to N$^{\uparrow}$ in the extreme southeast and south of France.

WEATHER

(1) Very fine (temporarily) over the eastern shores of the North Sea and in Sweden; cloudy over Germany, with snow at Berlin.
(2) Very dull and gloomy over our Islands, with slight rain in several places, sleet at Spurn Head.
(3) Cloudy over the greater part of France, with rain at Lyons, but fine at Nice.
Rain has fallen in most places, snow at Aberdeen; the amount measured, however, was not large.

SEA

Rough in the north and west and at Spurn Hd, moderate at Holyhead, slight in the Straits of Dover.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new depression is not deep, but seems likely to cause some more rain over our Islands generally.

FORECASTS

For the 24 hours ending at NOON on 18th DEC$^{\text{R}}$ 1894.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	SW^{24} winds, fresh to moderate; changeable, showery.	6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	Same as Nos 0 & 1.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND. SOUTH	S^{24} and SW^{24} winds, freshening; rainy, unsettled.	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 ...	29·79	30	30	NNW	6	0	4
Sumburgh Head							
Stornoway	30·14	36	34	N	1	1c	1
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	30·12	44	42	SSE	2	0	2
Belmullet	30·12	49	47	S	2	0	*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	30·21	52	51	W	6	0	5
Hurst Castle ...							
Dungeness ...	29·99	50	48	NW	5	0	4
North Foreland	30·00	47	45	N	6	c	5
London (Westminster)							*
Yarmouth ...							
Rochefort ...	30·36	50	49	W	3	0	*

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

Weather in morning fine over the south of Scotland and the northern parts of Ireland and England; cloudy in most other parts of the United Kingdom, with rain in the south of England, and with snow in the Shetlands. Fine over southern Europe generally, but cloudy in the northern, eastern and central countries, with rain over the Netherlands and the northeast of France, and snow at Archangel, Christiansund, Copenhagen and Cracow. Weather improving later in the south of England, but showers of cold rain or sleet falling in the north, rain falling in Germany, and snow at some of the Scandinavian stations.

Temperature risen in the west and south of our Islands, as well as in Italy, Austria and the south of Russia, fallen in most other regions. Morning readings highest 62° at Malta, 57° at Tunis, and 55° at Cagliari; above 50° over the central and southern parts of the Mediterranean generally, as well as in the extreme southwest of our Islands. Lowest 9° at Haapio and St. Petersburg, 10° at Hermannstadt and 14° at Kiew; below the freezing point over Russia and Scandinavia generally. Rising during day to 50°2 upwards at most of the English and Irish stations but remaining below 40° in some parts of Scotland; frost occurring over the northern and central parts of our Islands at night.

Wind light from the N^wd. or NW^wd. over the N^rn parts of the United Kingdom, and strong to a gale from the NW^wd. in the west of Norway. Fresh to strong from the W^wd. or SW^wd. over the S^rn parts of our Islands, the Netherlands and the north of France, light from the west of Germany, S^th or SE^th in Sweden and Russia. N^th or NW^th in Italy and the S of France NE^ly to E^ly over the Spanish Peninsula. Subsequently backing to the S^th or our extreme NW. coasts, veering to the NW^th and falling light in the south.

Barometer highest 30·4 ins. and upwards in an anticyclone over central Spain and the S^rn parts of France and the Bay of Biscay; 30·1 ins. and upwards over central Russia. Lowest 29·8 ins. and less in a deep depression off the NW of Norway; 29·7 ins. and less in another distinct area over Poland; 29·9 ins. and less in a shallow area over Greece and Turkey. Further depressions beginning to approach the NW. of our Islands later and barometer falling somewhat on our western coasts.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD.

FROM THE 9TH TO 15TH DEC. 1894.

During the whole of this week pressure has remained highest over central and southwestern Europe, lowest over the Atlantic, to the northwestward of the British Islands. Depressions have reached our northwestern coasts from time to time, and these occasionally caused the S^th and SW^th winds to increase to a gale in force on our western and northern coasts. Temperature was high; rainfall was considerable in the north and west, but very slight in the east and south until the 14th, when a shallow secondary depression passed directly over England and brought large quantities of rain to the Severn-midland, and southeastern parts of England, as well as to the Netherlands.

At the close of the week the last named system was passing away and an unusually fine day (for the time of year) was experienced over England. The condition, however, was not at all settled, and further disturbances were probable.

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 Tuesday 18th December, 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 ...	29.57	7	W	2	b	29.65	+ .24	2	1	— 14	N	2	b	*	b	*	32	?	—
	Hernösand ...	29.85	12	Z	0	b	29.81	+ .15	11	9	— 11	NW	2	b	*	b	*	32	11	—
	Stockholm ...	29.92	19	Z	0	b	29.88	+ .17	18	17	— 5	Z	0	c	*	b	*	28	18	—
	Wisby	29.99	29	N	4	b	29.89	+ .16	26	25	— 6	S	4	s	*	b	*	32	26	—
	Bodö	29.73	28	W	4	bc	29.71	+ .02	19	17	— 3	NE	4	b	2	bc	*	28	18	—
	Christiansund ...	29.77	30	ENE	6	c	29.39	— .52	34	32	+ 3	ESE	5	o	4	c	*	34	28	—
	Skudesnaes ...	29.70	37	SSE	8	r	29.36	— .63	41	40	+ 12	SSE	6	o	5	o,r	*	?	29	?
	Færder (Christiania Fjord)	29.94	30	ESE	2	o	29.54	— .40	39	39	+ 10	SSE	6	r	4	o	*	?	29	—
	Skagen (The Scaw)	29.95	36	WSW	1	o	29.54	— .41	36	36	+ 2	SW	3	r	0	o	*	37	30	0.16
	Fanö	29.87	38	SW	6	r	29.56	— .46	43	43	+ 12	SW	4	o	*	r	*	43	30	0.24
British Islands.	Sumburgh Head	29.44	44	WSW	2	o	28.99	— .74	44	44	+ 7	SE	3	r	4	o	*	46	37	0.14
	Stornoway ...	29.46	43	W	2	bc	29.02	— .55	38	38	— 7	SSW	1	om	1	p,bc	1.0	46	36	0.23
	Wick	29.48	41	SW	2	c	28.87	— .72	45	45	+ 5	S	4	rw	3	c	*	45	39	0.10
	Nairn	29.54	43	Z	0	bc	28.94	— .70	39	37	— 3	W	2	p	1	bc	*	45	37	0.11
	Aberdeen ...	29.62	40	SW	3	bc	28.96	— .83	44	41	+ 6	S	4	oqur	5	c,bc	0.0	46	38	—
	Leith	29.69	44	WSW	2	o	29.02	— .76	43	41	+ 1	WSW	5	c	*	o,r	*	50	41	0.20
	Shields	29.74	46	SW	2	bm	29.15	— .79	47	47	+ 12	SW	1	r	2	r,c,bm	*	47	33	0.09
	Spurn Head ...	29.80	48	SW	4	op	29.33	— .71	49	47	+ 11	SW	5	r	5	op	*	49	37	0.15
	York	29.79	47	S	1	o	29.29	— .69	45	42	+ 10	W	5	bc	*	o	*	48	34	0.15
	Loughborough ...	29.87	50	SW	4	c	29.39	— .69	50	49	+ 11	SW	7	oqr	*	cp,opq	*	52	39	0.06
	Ardrossan ...	29.68	48	W	3	o	29.14	— .60	43	42	— 6	W	5	opm	4	c,o	*	50	40	0.07
	Malin Head ...	29.65	45	SSW	6	op	29.17	— .56	43	40	— 4	W	6	opq	4	bc,op	*	48	40	0.22
	Belmullet ...	29.70	49	WSW	4	op	29.36	— .49	45	42	— 4	WSW	8	c	*	b,cu,op	*	50	40	0.43
	Donaghadee ...	29.78	45	S	3	b	29.29	— .53	40	39	— 8	SW	6	o	4	b	*	50	39	0.07
	Liverpool (Bidston)	29.85	46	W	3	c	29.34	— .62	45	41	+ 2	W	7	bc	6	c	*	52	43	0.33
	Holyhead ...	29.84	47	W	3	c	29.41	— .52	44	41	— 6	W	7	cq	6	cpa,c	*	53	41	0.43
	Parsonstown ...	29.83	46	Z	0	bc	29.49	— .42	39	37	— 13	W	2	or	*	bc	1.7	52	37	0.32
	Valencia ...	29.84	50	SSW	3	ogm	29.64	— .34	46	42	— 7	WSW	8	cu	6	oa,bc,ogm	1.0	54	44	0.46
	Roche's Point ..	29.93	51	SW	2	c	29.64	— .38	43	41	— 10	W	4	b	4	m,s,p	*	54	42	0.45
	Pembroke (St. Ann's Hd.)	29.92	52	W	6	o	29.58	— .47	47	44	— 4	WNW	7	cq	6	o	0.0	52	45	0.28
	Scilly	29.87	53	WSW	5	m	29.70	— .45	49	47	— 2	WNW	7	c	5	om	0.0	54	46	0.08
	Prawle Point ...	30.03	52	SSW	6	v	29.61	— .56	52	50	+ 4	SSW	6	ag	6	a,rq	*	52	47	0.15
	Jersey (St. Aubin's)	30.13	50	SW	3	opam	29.81	— .43	52	50	+ 2	SSE	5	opg	4	opam	*	52	48	0.05
	Hurst Castle ...	30.01	51	SW	4	ogpa	29.62	— .54	52	51	+ 3	SW	6	r	4	ow,pag	*	52	48	—
	Dungeness ...	29.99	49	WSW	5	o	29.62	— .56	50	50	+ 6	SW	6	o	5	c,o	*	51	44	0.02
	North Foreland	29.97	48	S	4	bcq	29.63	— .56	51	49	+ 11	SW	5	oq	5	o,bcq	*	51	38	0.01
	London (Brixton) ...	29.98	50	SSW	2	o	29.57	— .59	52	48	+ 12	SW	5	oq	*	ompa,bc	0.0	52	40	0.02
	Oxford	29.92	50	SW	2	r	29.50	— .63	51	49	+ 11	SSW	4	rq	*	ogdq	*	51	40	0.10
	Cambridge ...	29.92	49	SW	4	o	29.49	— .65	51	49	+ 13	SW	7	o	*	o	0.0	52	37	0.02
	Yarmouth ...	29.90	45	WSW	4	r	29.50	— .64	50	48	+ 13	SW	5	cgq	4	orgm	*	50	35	0.08
Germany & Holland.	Cuxhaven ...	30.06	40	SSW	3	bc	29.69	— .42	41	41	+ 5	SW	4	f	*	bc	*	41	34	0.04
	Berlin	30.21	29	NW	2	b	29.96	+ .06	31	30	0	SSE	3	o	*	b	*	36	28	—
	Wiesbaden ...	*	*	*	*	*	30.01	— .22	36	35	0	Z	0	o	*	*	*	43	34	0.12
	Munich	30.31	30	W	2	b	30.14	+ .01	31	30	0	SSE	4	o	*	b	*	34	27	—
	The Helder ...	?29.92	40	SSW	5	f	?29.61	— .57	46	46	+ 6	SW	6	f	4	f	*	46	37	0.04
Belgium. France &	Brussels ...	*	*	o	*	*	29.83	— .43	45	45	+ 11	SSW	6	r	*	r	*	46	39	0.12
	Cape Gris Nez ...	29.96	49	SW	5	r	29.71	— .47	49	49	+ 8	SW	6	r	6	r	*	52	37	0.16
	Paris	30.19	45	SSE	2	o	29.99	— .30	45	44	+ 9	SSW	3	o	*	o	*	45	36	—
	Brest	?	52	W	4	f	?	?	53	51	+ 3	N	6	v	6	f	*	53	50	0.04
	Lorient	30.20	51	WSW	4	o	29.93	— .37	52	50	+ 4	WSW	6	c	4	o	*	52	46	0.08
	Rochefort ...	30.28	47	WNW	3	bc	30.05	— .29	47	46	— 1	SW	3	o	*	bc	*	50	45	—
	Belfort	?	36	WSW	3	c	?	?	38	37	+ 1	W	1	o	*	c	*	40	34	—
	Lyons	30.32	40	N	1	b	30.27	— .03	32	31	— 9	W	1	bc	*	b	*	45	31	—
	Nice	30.01	44	E	1	bc	30.19	+ .22	44	38	— 4	NE	2	bc	2	bc	*	54	41	—
	Perpignan ...	30.23	51	NW	3	b	30.19	— .09	39	38	— 11	S	1	bc	*	b	*	58	37	—
	Biarritz ...	30.29	49	ENE	3	b	30.18	— .18	43	41	— 7	SSE	2	b	2	b	*	55	41	—
Peninsula.	Corunna ...																*			
	Lisbon	30.32	52	NW	3	b	30.33	— .02	44	44	— 2	NNE	1	c	*	b	*	55	43	—
	Azores (P. Delgada)	30.24	62	ESE	4	o	30.24	— .01	62	61	+ 1	NE	4	o	5	o	*	63	61	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 Thursday, 18th December, 1894.

BAROMETER, WIND AND SEA.

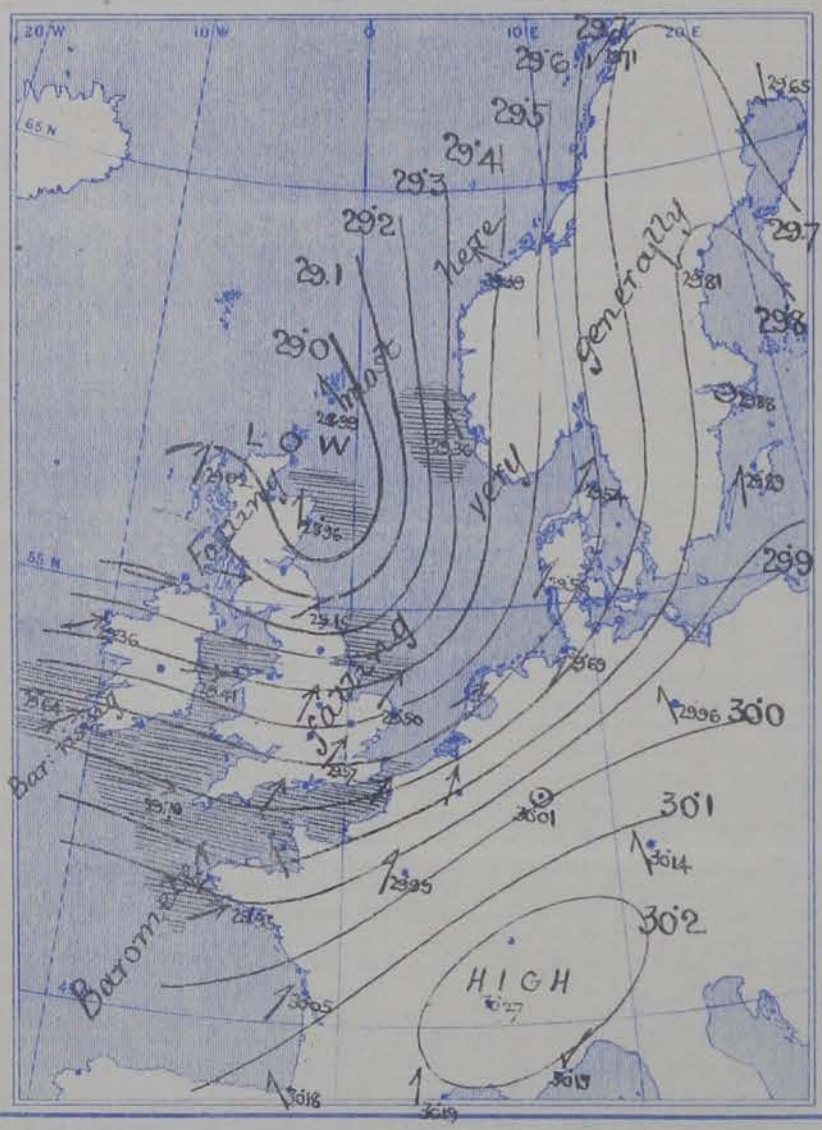
BAROMETER—Isobars are drawn for each tenth of an inch.

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* ▩


20°W
10°W
0°
10°E
20°E
65°N
55°N
45°N
LOW
HIGH
Barometer falling very rapidly
Barometer rising rapidly
Barometer falling slowly
Barometer rising slowly
Barometer stationary
Barometer falling
Barometer rising
Barometer stationary
Barometer falling slowly
Barometer rising slowly
Barometer falling rapidly
Barometer rising very rapidly
Barometer falling very rapidly
Barometer rising
Barometer falling
Barometer stationary
Barometer rising slowly
Barometer falling slowly
Barometer rising rapid

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·3 ins. and upwards in the south of Portugal, 30·2 ins. and upwards over the S.W. parts of France.
Lowest 29·0 ins. and less in a depression lying over the north and east of Scotland.
Gradients rather steep over England, Ireland, the Netherlands & the North Sea, but moderate or slight elsewhere.
Barometer falling generally – quickly in the N. of our Islands, but beginning to rise again in the W. of Ireland.

TEMPERATURE

Highest 53° at Brest, and 52° at Prawle Pt. Jersey, Hartt Castle London and Lorient.
Lowest 2° at Haparanda, 11° at Hernösand, 18° at Stockholm, 19° at Bodö, 26° at Wisby, and 28° at Carlstadt.
During yesterday the thermometer rose to 50° or a little above it in nearly all parts of England & Ireland

WIND

Strong from the W^ard on our western coasts, with a gale in the west of Ireland.
Moderate to strong from the SW^ard over England, Denmark, the Netherlands and the N. of France.
Light to moderate from the S^ward in the N. and E. of Scotland, SE^ly or E^ly on the Norwegian coasts.

WEATHER

Cloudy over N^rn Europe generally, with rain or passing showers in many places, and with snow at Wisby and Carlstadt.
Fine and bright in the north of Scandinavia, and also in the south of France.
Since yesterday morning rain has fallen in nearly all parts of our Islands, the largest amount being 0·5 in. at Valencia (Ireland) and Roche's Point.

SEA

Rough on our western and southern coasts, and rather rough at some of our eastern stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over Scotland seems likely to travel away to the northward or northeastward, but the conditions are favourable for the advance of fresh disturbances towards our western coasts. Changeable, squally weather is therefore likely to continue over the United Kingdom.

FORECASTS

For the 24 hours ending at NOON on 19TH DEC. 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S^ly to W^ly winds, moderate; changeable, showery.
1	SCOTLAND EAST	
2	ENGLAND N.E.	SW^ly to W^ly winds, fresh; changeable, showery becoming temporarily cooler.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	SW^ly to W^ly winds, strong on coast, changeable becoming temporarily cooler.
6	SCOTLAND WEST	W^ly to SW^ly winds, strong, squally, showery.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	None Issued.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·89	36	34	SSE	4	o	3
Sumburgh Head	29·48	44	43	SW	3	o	5
Stornoway	29·54	46	45	SW	2	p	2
Aberdeen	29·64	40	39	W	1	c	4
Shields	29·74	42	41	S	3	c	2
Ardrossan	29·69	48	47	W	3	c	3
Malin Head ...	29·71	48	45	SSW	5	bc	2
Belmullet	29·79	50	47	W	4	cw	*
Holyhead	29·87	49	48	W	4	cdp	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·94	62	50	WSW	3	6cm	4
Scilly	30·09	54	53	SW	5	o	5
Jersey	30·17	50	48	WSW	4	o	3
Hurst Castle ...	30·06	50	49	SW	3	ow	3
Dungeness ...	30·04	49	49	SW	4	c	4
North Foreland	30·03	47	46	S	4	o	4
London (Westminster)	30·02	50	49	SW	2	dmg	*
Yarmouth ...	29·97	43	42	SSW	4	omg	4
Rochefort ...							*

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

Weather cloudy and rainy over the United Kingdom, but fine on our extreme northwest coast. Fine in Scandinavia and Denmark, as well as over the greater part of southern Europe; cloudy in the eastern and central countries, with snow in several parts of Germany, Poland and Russia. Rain falling later in nearly all parts of the United Kingdom,—heavily in the south of Ireland.

Temperature risen in the west and north of our Islands, as well as in Russia, and the south of France, fallen in most other localities. Morning reading highest 61° at Palma, 57° at Malta, and 56° at Algiers; above 50° at several of the Mediterranean stations, as well as in the extreme southwest of our Islands. Lowest 9° at Yeopin, 10° at Archangel, 12° at Hangö and Helsingfors, and 15° at Moscow; below the freezing point in most parts of northern, eastern and central Europe. Rising during day to between 50° and 54° at most of the English and Irish stations; exceeding 65° in the south of France.

Wind moderate to fresh from the SW^ed. in the west of our Islands, and from the S^ed. over the eastern parts of St. Britain. Moderate to strong from the NW^ed. or N^ed. over the greater part of central and southern Europe; variable or light from the S^ed. over Austria and the south of Russia. S^ly. also in the south of Spain. Subsequently veering to the SW^ard. in the east of our Islands, but inclined to back on our western coasts.

Barometer highest 30·4 ins. and upwards over Spain, 30·1 ins. and upwards in an anticyclone covering Spain, Algeria, France, the Netherlands and the south and east of England. Lowest 29·4 ins. and less in a depression over Finland; 29·6 ins. and less in another disturbance off the north of Scotland; 30·0 ins. and less in a shallow system over the Gulf of Genoa. Small secondary disturbances passing eastwards across our Islands during day; larger depression beginning to approach 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.

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

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,, Weekly ,, ,, ,, £1 10 0 ,,

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 19th December, 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 ...	29·91	−5	NE	2	b	29·91	+·26	−12	−12	− 14	E	0	b	#	b	#	9	−12	-
	Hernösand ...	29·73	23	E	4	o	29·57	−·24	27	24	+ 16	ENE	6	o	#	o	#	?	9	-
	Stockholm ...	29·51	32	SE	4	s	29·21	−·67	34	33	+ 16	SE	4	s	#	s	#	?	14	0·43
	Wisby	29·47	33	S	4	s	29·26	−·63	40	39	+ 14	NNW	4	o	#	s	#	?	21	0·35
	Bodö	29·59	20	E	6	b	29·59	−·12	17	15	− 2	E	4	b	2	b	#	21	16	-
	Christiansund ...	28·99	37	ESE	8	c	28·93	−·46	37	33	+ 3	ESE	6	o	3	c	#	37	32	-
	Skudesnaes ...	28·69	43	SE	10	r	28·81	−·55	42	41	+ 1	SW	8	o	7	r	#	43	39	?
	Færder (Christiania Fjord)	29·05	37	ESE	8	r	29·06	−·48	42	41	+ 3	SW	6	c	4	r	#	42	39	0·75
	Skagen (The Scaw)	29·13	42	S	9	m	29·10	−·44	39	37	+ 3	NSW	2	bc	o	m	#	43	36	0·43
	Fano	29·19	42	WSW	4	b	29·14	−·42	39	38	− 4	S	2	c	#	r,br	#	45	39	0·39
	Sumburgh Head	28·71	40	N	1	r	28·90	−·09	40	40	− 4	N	4	o	5	o,r	#	45	38	1·41
	Stornoway ...	29·00	38	NNW	1	b	29·26	+·24	43	43	+ 5	N	5	oqrsp	4	bc,b	0·8	43	35	0·29
	Wick	28·87	41	NW	4	o	29·07	+·20	44	43	− 1	NW	5	ru	3	o	#	45	35	0·20
	Nairn	29·00	40	W	2	r	29·16	+·22	41	40	+ 2	W	2	o	1	r	#	41	35	0·06
	Aberdeen ...	28·99	39	WSW	4	bqj	29·13	+·17	39	37	− 5	NW	5	cqj	4	bcqj	1·1	44	37	0·12
	Leith	29·09	39	WSW	3	b	29·23	+·21	37	36	− 6	WSW	3	b	#	b	#	43	35	-
	Shields	29·16	41	SW	2	c	29·21	+·06	39	38	− 8	W	3	c	2	b,qp	#	47	35	-
	Spurn Head ...	29·28	42	SW	4	bv	29·28	−·05	41	39	− 8	W	4	bqjp	3	bv	#	48	37	0·03
	York	29·28	43	W	3	bc	29·31	+·02	40	38	− 5	NNW	3	c	#	bc	#	46	38	0·08
	Loughborough ...	29·39	43	SW	6	c	29·39	·00	38	37	− 12	W	3	bcmw	#	bqj,cqjp	#	51	38	0·10
British Islands.	Ardrossan ...	29·14	42	W	5	qjp	29·80	+·16	44	42	+ 1	W	4	qp	4	qjp	#	44	39	0·39
	Malin Head ...	29·21	44	W	4	bqhp	29·45	+·28	42	41	− 1	NW	4	ohrq	4	b,qhp	#	45	38	0·25
	Belmullet ...	29·44	44	WSW	6	oqhp	29·73	+·37	46	43	+ 1	WSW	5	bc	#	oqjph	#	47	39	0·60
	Donaghadee ...	29·25	41	SW	6	r	29·43	+·14	42	41	+ 2	NW	4	o	5	r	#	44	36	0·14
	Liverpool (Bidston)	29·30	44	SW	5	o	29·35	+·01	45	42	0	W	2	o	6	o	#	47	40	0·17
	Holyhead ...	29·32	45	WSW	9	oqjpu	29·47	+·06	45	42	+ 1	W	8	rqju	6	oqjp	#	47	42	0·04
	Parsonstown ...	29·49	42	W	1	b	29·68	+·19	42	40	+ 3	W	2	c	#	b,o	0·7	44	38	0·14
	Valencia ...	29·67	48	W	4	bcqhrp	29·88	+·24	45	43	− 1	WNW	6	cqjp	6	bq.qjr	1·9	50	44	0·15
	Roche's Point ...	29·61	45	WNW	5	bc	29·75	+·11	46	44	+ 3	NW	6	b	4	bc,qr	#	48	43	0·15
	Pembroke (St. Ann's Hd.)	29·51	47	W	8	,o	29·66	+·08	48	45	+ 1	NW	4	o	6	c,oqjl	3·5	49	41	0·07
	Scilly	29·74	50	W	7	bqj	29·80	+·10	50	47	+ 1	WNW	6	c	5	b,bp	4·0	51	45	0·10
	Prawle Point ...	29·68	45	W	6	r	29·69	+·08	45	43	− 4	W	6	c	4	&,l,r	#	52	40	0·22
	Jersey (St. Aubin's)	29·78	48	W	4	b	29·73	−·08	48	44	− 4	WNW	6	bcqrh	5	r,cb,p	#	52	44	0·28
	Hurst Castle ...	29·61	48	WSW	5	b	29·57	−·05	45	43	− 4	W	5	cjp	3	bc,p	#	52	44	0·10
	Dungeness ...	29·58	44	W	4	b	29·48	−·14	42	41	− 8	W	4	o	4	o	#	51	42	0·02
	North Foreland	29·54	42	WSW	2	b	29·44	−·19	41	39	− 10	W	3	bc	3	o,b	#	51	40	0·08
	London (Brixton) ...	29·54	43	W	3	bcv	29·49	−·08	41	39	− 11	W	3	c	#	o,b,qjp	1·4	52	40	0·13
	Oxford	29·48	42	W	6	b	29·49	−·01	40	38	− 11	W	3	b	#	bq,prh	#	51	39	0·06
	Cambridge ...	29·44	43	WSW	8	b	29·41	−·08	41	39	− 10	SW	4	b	#	b	2·7	52	38	0·10
	Yarmouth ...	29·42	43	WSW	4	b	29·35	−·15	42	40	− 8	WSW	4	c	4	bc,bq	#	50	39	0·09
Germany & Holland.	Cuxhaven ...	29·43	43	SW	6	r	29·29	−·40	39	39	− 2	SW	6	bc	#	r	#	44	36	0·20
	Berlin	29·61	37	SSW	2	o	29·52	−·44	35	35	+ 4	SW	3	b	#	o	#	39	31	0·08
	Wiesbaden ...	*	*	*	*	*	29·69	−·32	38	37	+ 2	W	2	o	#	*	#	43	36	0·08
	Munich	29·87	34	SW	4	b	29·79	−·35	39	38	+ 8	SW	6	r	#	b	#	39	30	0·04
	The Helder ...	29·41	46	WSW	6	b	29·34	−·37	44	42	− 2	WSW	5	c	4	b	#	46	43	0·12
France & Belgium.	Brussels ...	*	*	*	*	*	29·56	−·27	40	39	− 5	SW	6	r	#	b	#	46	39	0·20
	Cape Gris Nez ...	29·60	46	W	6	b	29·50	−·21	46	46	− 3	W	7	c	7	b	#	50	41	0·08
	Paris	29·78	44	W	3	o	29·75	−·24	38	37	− 7	SSW	5	o	#	o	#	48	37	0·12
	Brest	?	47	NW	5	c	?	?	49	45	− 4	NNW	5	c	5	c	#	53	41	0·16
	Lorient	29·90	49	WNW	5	bc	29·88	−·05	49	45	− 3	WNW	6	b	4	bc	#	54	45	0·24
	Rochefort ...	30·00	49	WSW	5	r	30·00	−·05	49	46	+ 2	WSW	5	bc	#	o,r	#	54	45	0·24
	Belfort	?	38	WSW	3	o	?	?	41	40	+ 3	WSW	3	o	#	o	#	51	38	0·08
	Lyons	30·06	39	NW	1	o	29·99	−·28	41	37	+ 9	W	1	b	#	o	#	46	32	0·08
	Nice	30·15	45	E	1	bc	29·91	−·28	43	39	− 1	E	1	o	3	bc	#	54	39	-
	Perpignan ...	30·14	45	W	1	c	30·05	−·14	50	47	+ 11	NW	2	o	#	c	#	56	39	-
	Biarritz ...	30·10	53	SW	5	c	30·06	−·12	54	48	+ 11	WNW	6	o	4	c	#	55	43	0·08
Penin-sula.	Corunna ...																#			
	Lisbon	30·37	53	NNW	2	c	30·39	+·06	53	51	+ 9	SSW	2	c	#	c	#	59	44	-
	Azores (P. Delgada)	30·35	62	ESE	4	o	30·41	+·17	61	60	− 1	SSE	4	o	4	o	#	62	59	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 Wednesday, 19th December 1894.

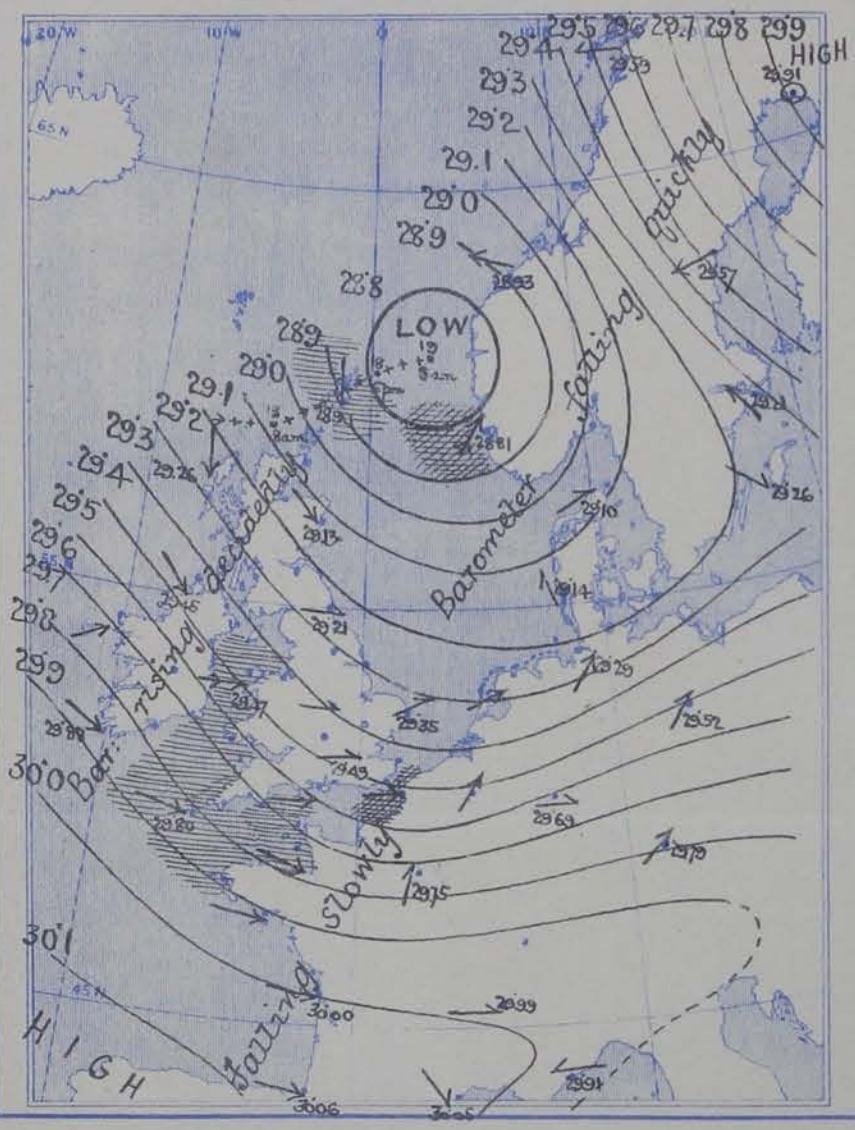
BAROMETER, WIND AND SEA.

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* ▓

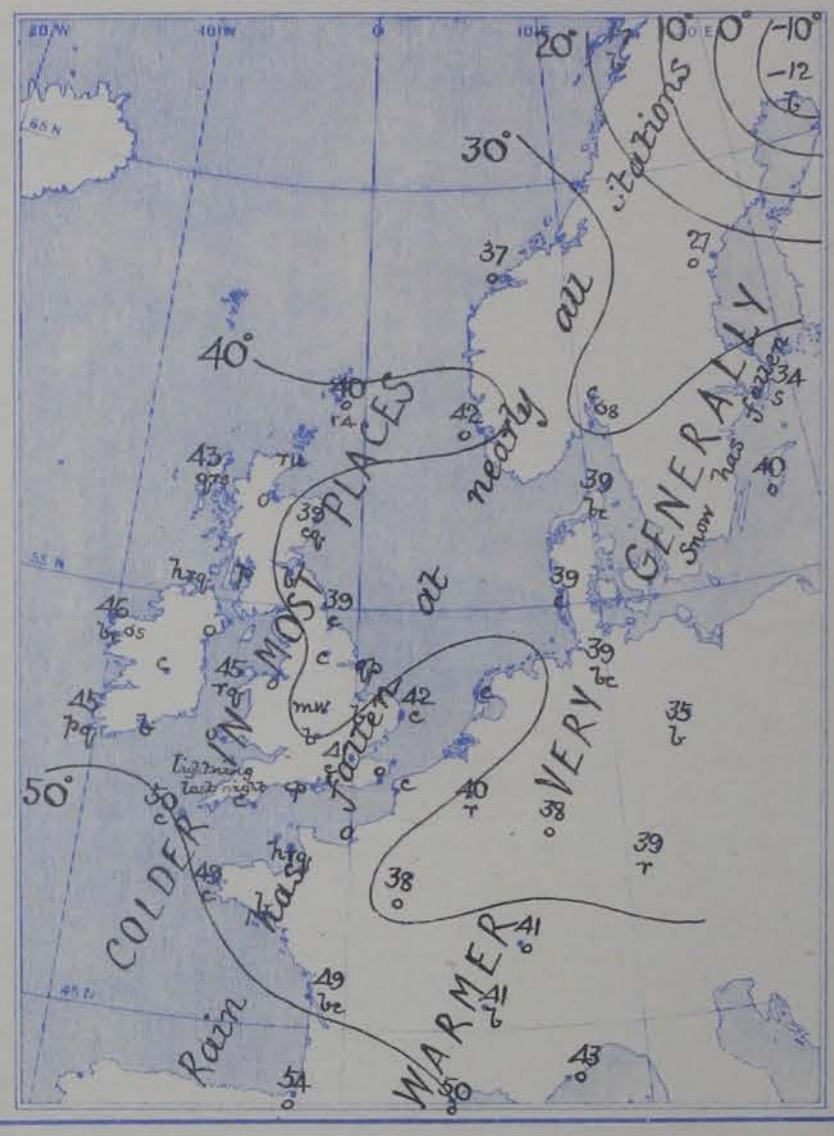


TEMPERATURE & WEATHER.

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 DECEMBER.

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 · 673	39 · 6	38 · 1	42 · 6	35 · 2	4 · 25	—	—
Stornoway	29 · 705	39 · 4	38 · 5	43 · 1	34 · 2	5 · 63	27 · 6	14
Wick	29 · 718	38 · 1	36 · 8	42 · 2	32 · 7	3 · 10	—	—
Nairn	29 · 743	37 · 1	35 · 6	41 · 9	32 · 8	1 · 95	—	—
Aberdeen	29 · 767	36 · 9	35 · 2	41 · 9	32 · 6	3 · 24	37 · 9	19
Leith	29 · 807	38 · 5	37 · 0	44 · 0	33 · 7	1 · 86	—	—
Shields	29 · 845	38 · 3	36 · 9	42 · 9	33 · 9	2 · 57	—	—
Spurn Head	29 · 873	38 · 8	37 · 7	42 · 4	35 · 3	2 · 14	—	—
York	29 · 890	36 · 4	35 · 4	42 · 3	32 · 3	2 · 28	24 · 5	11
Loughborough	29 · 924	36 · 3	35 · 4	42 · 7	32 · 2	2 · 24	—	—
Ardrossan	29 · 820	40 · 0	38 · 7	44 · 5	35 · 9	3 · 73	—	—
Donaghadee	29 · 848	40 · 2	39 · 3	45 · 8	36 · 2	2 · 84	—	—
Holyhead	29 · 879	42 · 8	41 · 1	46 · 4	39 · 1	3 · 82	—	—
Liverpool	29 · 895	38 · 8	37 · 1	43 · 5	35 · 6	2 · 59	—	—
Parsonstown	29 · 901	37 · 8	36 · 6	44 · 7	33 · 1	3 · 04	44 · 4	19
Valencia	29 · 905	44 · 6	42 · 4	49 · 7	40 · 0	5 · 99	45 · 1	19
Roche's Point	29 · 912	42 · 9	41 · 5	47 · 9	38 · 9	4 · 95	—	—
Pembroke	29 · 916	43 · 6	42 · 2	46 · 8	40 · 3	3 · 99	46 · 2	20
Scilly	29 · 951	47 · 0	45 · 1	49 · 5	43 · 4	4 · 02	—	—
Prawle Point	29 · 970	42 · 5	41 · 1	47 · 0	38 · 2	3 · 76	—	—
Jersey	29 · 985	43 · 1	41 · 4	47 · 3	39 · 3	3 · 82	57 · 1	23
Hurst Castle	29 · 958	40 · 6	39 · 8	45 · 6	36 · 3	2 · 78	—	—
Dover	29 · 953	39 · 8	38 · 6	44 · 3	35 · 9	3 · 00	—	—
LONDON	29 · 954	37 · 8	36 · 7	44 · 0	33 · 9	2 · 10	19 · 4	8
Oxford	29 · 955	37 · 0	35 · 9	42 · 9	33 · 5	2 · 10	37 · 4	16
Cambridge	29 · 941	36 · 2	35 · 5	42 · 8	31 · 6	1 · 88	39 · 3	17
Yarmouth	29 · 916	37 · 9	37 · 0	41 · 9	33 · 7	2 · 66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 ins: and upwards over the south of Portugal; 29·9 ins: and upwards in Lapland.
Lowest, 28·8 ins: and less, in a depression lying off the southwest of Norway.
Gradients rather steep over all but the extreme southern parts of our area.
Barometer rising in our Islands, but falling at most of the Continental stations.

TEMPERATURE

Highest, 54° at Biarritz, 53° at Lisbon, 50° at Scilly and Perpignan, and 49° at Brest, Lorient, and Rochefort.
Lowest, −12° F. at Haparanda, +17° at Bodö, 21° at Hernosand, 26° at Carlstadt, and 34° at Stockholm.
The maxima registered yesterday were a little above 50° over the Central and southern parts of our Islands.

WIND

Fresh from the N^W^ in the north of Scotland; strong from the NW^ly^ or W^ly^ on the west coasts of our Islands and France. Moderate from the W^ly^ over the eastern and central parts of England.
SW^ly^ over the south of Norway, Denmark, Germany, the Netherlands and Central France; E^ly^ over the more northern parts of Scandinavia.

WEATHER

Changeable and showery over Northwestern Europe generally, dull over the central and southern parts of Scandinavia, with snow at Stockholm.
Rain or hail fell yesterday over nearly the whole of our area, the largest amounts being 1·4 ins: at Lumbugh Hd, 0·8 in: at Feaster, and 0·5 in: at Kilmullet. Lightning was seen at night at Pembroke and Rhoose Pt, and a lunar halo at Dungeness.

SEA

High at Skudenaes and Cape Gris Nez, rough on our western coasts, and rather rough at Lumbugh Hd, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The wind shows some inclination to "back" in the west of Ireland, and it is therefore not unlikely that further depressions will shortly appear off our western coasts.

FORECASTS

For the 24 hours ending at NOON on 20th DEC^R^ 1894.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
▼ 0 SCOTLAND NORTH	NW^ly^ winds, strong; squally, some cold showers.	6 SCOTLAND WEST	Strong NW^ly^ winds, moderating and backing later; changeable, some showers.
▼ 1 SCOTLAND EAST	Same as No 5.	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	W^ly^ winds, moderate or fresh; fair generally, but with occasional showers.	WARNINGS	At 7·15 pm to district 0 and part of 1 "HOIST NORTH CONE"

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to 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 ...	28·99	41	39	ESE	8	r	5	Valencia	29·62	49	45	NNW	8	bq	6
Sumburgh Head	28·75	42	41	Z	0	0	4	Scilly	29·74	49	46	W	6	b	5
Stornoway	29·00	39	39	WNW	1	bc	1	Jersey	29·75	50	45	NNW	6	c	5
Aberdeen	28·95	41	37	W	4	bcq	4	Hurst Castle ...	29·62	48	46	W	4	bc	4
Shields	29·16	44	41	SW	5	b	2	Dungeness ...	29·53	47	45	W	5	0	5
Ardrossan	29·13	43	41	W	5	qp	5	North Foreland	29·51	47	44	W	2	0	3
Malin Head ...	29·13	42	41	W	5	0	3	London (Westminster)	29·54	49	43	NNW	4	b	#
Belmullet	29·35	47	43	NNW	7	0qp	#	Yarmouth ...	29·41	47	44	NNW	5	bc	4
Holyhead	29·35	46	42	WSW	8	0q	6	Rochefort ...	30·04	52	50	SW	4	0	#

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

Weather in morning cloudy or overcast in nearly all parts of northwestern, central, and eastern Europe, with rain in many places, and with snow over the south of Sweden and the Baltic Provinces. Fine and bright over Finland and the north of Scandinavia, as well as over the Spanish Peninsula and the southern parts of France and Italy. Some improvement taking place over our Islands later, but weather remaining showery, with hail in the west. Lightning seen at night on some parts of our southwest coasts, and a lunar halo at Dungeness.

Temperature risen quickly over the eastern parts of Great Britain and the neighbouring portions of the Continent, fallen in most other localities. Morning readings highest 58° at Malta, 56° at Algiers, and 54° at Sfax; slightly above 50° in the south of England and the northwest of France. Lowest 2° at Haparanda and Uleaborg, 5° at St Petersburg, and 11° at Archangel and Hernösand; below the freezing point in most parts of northern, eastern, and Central Europe, as well as over northern Italy and Central Spain. Brisk fall taking place later over the eastern parts of our Islands; thermometer rising to 55° and upwards in the south of France and to 59° at Lisbon.

Wind very strong from the W^ard on our western coasts, with a gale in the west of Ireland; fresh or strong from the SW^wd on the eastern parts of Great Britain, as well as in the Netherlands, Denmark, and the north of France; light to moderate from the S^ard in the north of Scotland; strong from the SE^ly in Norway. Light NW^ly in Russia; variable in Austria; N^ly or NE^ly over southern Europe generally. Subsequently shifting to the N^nd in the north of Scotland; fresh W^ly gale blowing in the Irish Sea and the St George's Channel.

Barometer highest 30·4 ins: in the south of Spain; 30·1 ins: and upwards in an anticyclone covering the greater part of Central and southern Europe. Lowest 29·0 ins: and less in a well-marked depression over the north and east of Scotland (gradients rather steep over Northwestern Europe generally); 29·5 ins: and less, in a shallow system over the extreme north of Russia. Depression over Scotland subsequently moving slowly eastwards, barometer rising in most parts of our Islands, but falling rapidly in 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.

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

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

for 8 a.m. on Thursday, 20th December, 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 ...	30·08	-10	N	2	b	30·27	+·36	-12	-12	0	NNE	2	b	*	b	*	1	-13	-
	Hernösand ...	29·71	24	ENE	8	o	30·04	+·47	25	23	-2	NE	4	s	*	o	*	28	21	0·32
	Stockholm ...	29·71	35	E	0	f	29·71	+·50	34	33	0	E	0	f	*	f	*	39	34	0·12
	Wisby	29·44	85	WSW	4	c	29·66	+·40	36	35	-4	E	4	c	*	c	*	41	34	-
	Bodö	29·77	19	ENE	4	b	29·99	+·40	21	18	+4	ENE	4	b	2	b	*	?	14	-
	Christiansund ...	29·36	36	ESE	4	b	29·81	+·88	33	31	-4	ESE	2	b	3	b	*	37	32	-
	Skudesnaes ...	?29·20	42	SSE	4	r	?29·77	+·96	36	35	-6	ENE	2	c	2	r	*	43	36	?
	Færder (Christiania Fjord)	29·32	40	ENE	4	b	29·82	+·76	33	31	-9	NNE	8	o	3	o	*	43	32	-
	Skagen (The Scaw)	29·32	38	SSW	2	m	29·68	+·58	38	37	-1	ENE	3	m	o	m	*	41	?	0·08
	Fanö	29·22	39	SW	4	b	29·52	+·38	38	37	-1	E	2	c	*	b	*	43	37	0·04
British Islands.	Sumburgh Head	29·37	40	N	4	o	29·93	+1·03	39	37	-1	N	1	c	4	c, o	*	43	38	0·12
	Stornoway ...	29·70	43	N	6	r	30·07	+0·81	41	40	-2	N	1	c	1	cq, rhp	1·6	44	38	0·16
	Wick	29·51	39	NW	6	o	30·00	+·93	38	37	-6	NW	3	bc	3	o	*	45	35	0·12
	Nairn	29·61	41	NW	4	r	30·05	+·89	38	37	-3	W	0	b	1	r	*	47	35	0·05
	Aberdeen ...	29·43	42	NW	9	bq	30·00	+·87	40	38	+1	NW	5	oq	4	cqp	0·1	45	39	0·14
	Leith	29·57	41	WSW	3	bc	30·02	+·79	42	41	+5	WNW	2	b	*	bc	*	46	36	0·01
	Shields	29·50	44	W	5	o	29·95	+·74	40	39	+1	NW	3	c	3	c, o	*	44	36	-
	Spurn Head ...	29·48	42	WNW	5	b	29·86	+·58	40	39	-1	NW	5	cp	5	b	*	43	39	0·06
	York	29·50	43	W	3	bc	29·96	+·65	40	37	0	W	4	b	*	bc	*	45	38	-
	Loughborough ...	29·60	44	WNW	6	c	29·98	+·59	39	37	+1	WNW	4	b	*	cqpbq	*	45	38	0·08
	Ardrossan ...	29·64	45	NW	4	bqm	30·11	+·81	41	39	-3	NW	3	bc	3	bcm, bqm	*	47	39	-
	Malin Head ...	29·79	46	NW	7	bp	30·14	+·69	45	43	+3	NW	4	cp	3	bc, bp	*	46	41	-
	Belmullet ...	30·00	47	NW	3	bc	30·27	+·54	47	43	+1	NW	3	o	*	bc	*	49	43	0·06
	Donaghadee ...	29·77	44	WNW	7	b	30·13	+·70	44	42	+2	NW	7	b	5	qp, b	*	47	41	0·08
	Liverpool (Bidston)	29·67	46	WNW	6	b	30·07	+·72	43	40	-2	NW	4	b	4	b	*	46	42	0·03
	Holyhead ...	29·77	47	NW	9	bq	30·11	+·64	47	44	+2	NNW	7	cq	6	cqpbq	*	48	43	0·03
	Parsonstown ...	29·96	42	W	1	b	30·26	+·58	40	39	-2	W	0	c	*	b	4·6	47	39	-
	Valencia ...	30·10	48	NW	4	cqhrp	30·33	+·45	49	46	+4	NW	3	o	4	qhrp	0·6	50	45	0·06
	Roche's Point ..	29·98	47	NW	6	b	30·28	+·53	46	45	0	NW	4	c	4	rq, b	*	49	43	0·06
	Pembroke (St. Ann's Hd.)	29·87	48	NNW	6	b	30·16	+·50	46	44	-2	NNW	5	bc	5	b	4·4	48	44	-
	Scilly	29·94	48	NNW	8	cp	30·20	+·40	49	45	-1	NNW	6	cp	5	c, cp	3·6	50	45	0·06
	Prawle Point ...	29·86	43	W	3	c	30·10	+·41	42	39	-3	WNW	5	b	4	cp, l	*	48	40	0·10
	Jersey (St. Aubin's)	29·82	48	NW	5	bcqhr	30·07	+·84	47	42	-1	NW	5	cqq	5	cqhr, l	*	52	43	0·24
	Hurst Castle ...	29·72	44	NW	4	b	30·04	+·47	41	40	-4	WNW	2	b	2	cqp, b	*	48	40	0·06
	Dungeness ...	29·59	40	WNW	4	bc	29·89	+·41	40	38	-2	NW	4	c	3	bc	*	49	39	-
	North Foreland	29·53	44	W	5	bc	29·83	+·39	42	39	+1	NW	7	cqp	5	bcqhp	*	45	39	-
	London (Brixton) ...	29·63	43	NW	2	bc	29·97	+·48	40	36	-1	NW	2	b	*	c, bv, bc	1·4	45	39	-
	Oxford	29·73	43	W	2	bc	30·02	+·53	39	37	-1	WNW	2	b	*	bcp	*	45	39	0·01
	Cambridge ...	29·59	42	NW	3	b	29·93	+·52	38	36	-3	NW	4	bc	*	o, b	0·4	44	36	-
	Yarmouth ...	29·47	40	WNW	3	bc	29·75	+·40	43	40	+1	NNW	5	cqq	5	bc	*	43	38	0·04
Germany & Holland.	Cuxhaven ...	29·35	41	SW	4	o	29·50	+·21	38	38	-1	ESE	4	o	*	o	*	43	35	0·04
	Berlin	29·51	38	SW	4	o	29·57	+·05	36	35	+1	SW	2	c	*	o	*	41	35	0·04
	Wiesbaden ...	*	*	*	*	*	29·61	-·08	40	38	+2	SW	3	r	*	*	*	43	36	0·16
	Munich	29·73	36	SW	5	bc	29·75	-·04	35	34	-4	SW	4	c	*	bc	*	39	34	-
	The Helder ...																*			
Belgium. France &	Brussels ...	*	*	*	*	*	29·72	+·16	39	39	-1	WNW	7	r	*	o	*	42	37	0·20
	Cape Gris Nez ...	29·58	45	NW	6	bc	?29·82	+·32	43	40	-3	NW	6	b	6	bc	*	48	32	-
	Paris	29·73	41	WSW	3	r	29·89	+·14	42	40	+4	NW	3	o	*	r	*	46	36	0·12
	Brest	?	49	N	3	c	?	?	49	45	0	N	5	c	4	c	*	52	39	0·08
	Lorient	29·94	49	NW	6	b	30·12	+·24	46	42	-3	NNW	5	bc	4	b	*	52	43	-
	Rochefort ...	29·99	47	NW	4	bc	30·11	+·11	46	44	-3	N	4	b	*	bc	*	50	43	0·04
	Belfort	?	40	SW	3	r	?	?	36	35	-5	WNW	3	r	*	r	*	50	34	0·51
	Lyons	29·92	45	W	1	bc	?29·99	·00	35	35	-6	WSW	1	r	*	bc	*	49	35	0·08
	Nice	29·76	48	NW	5	b	29·73	-·18	40	36	-3	NE	3	bc	2	b	*	55	39	-
	Perpignan ...	30·01	50	NW	3	o	30·04	-·01	46	42	-4	NW	2	o	*	o	*	55	45	-
	Biarritz ...	30·08	53	WNW	6	r	30·13	+·07	46	44	-8	E	2	o	7	r	*	55	43	0·91
Peninsula.	Corunna ...																*			
	Lisbon	30·49	52	NNW	4	o	30·45	+·06	51	49	-2	NNW	4	b	*	o	*	59	50	-
	Azores (P. Delgada)	30·50	60	SE	4	bc	30·54	+·13	59	58	-2	ESE	4	1/2	4	bc	*	63	57	-

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, 20th December, 1894.

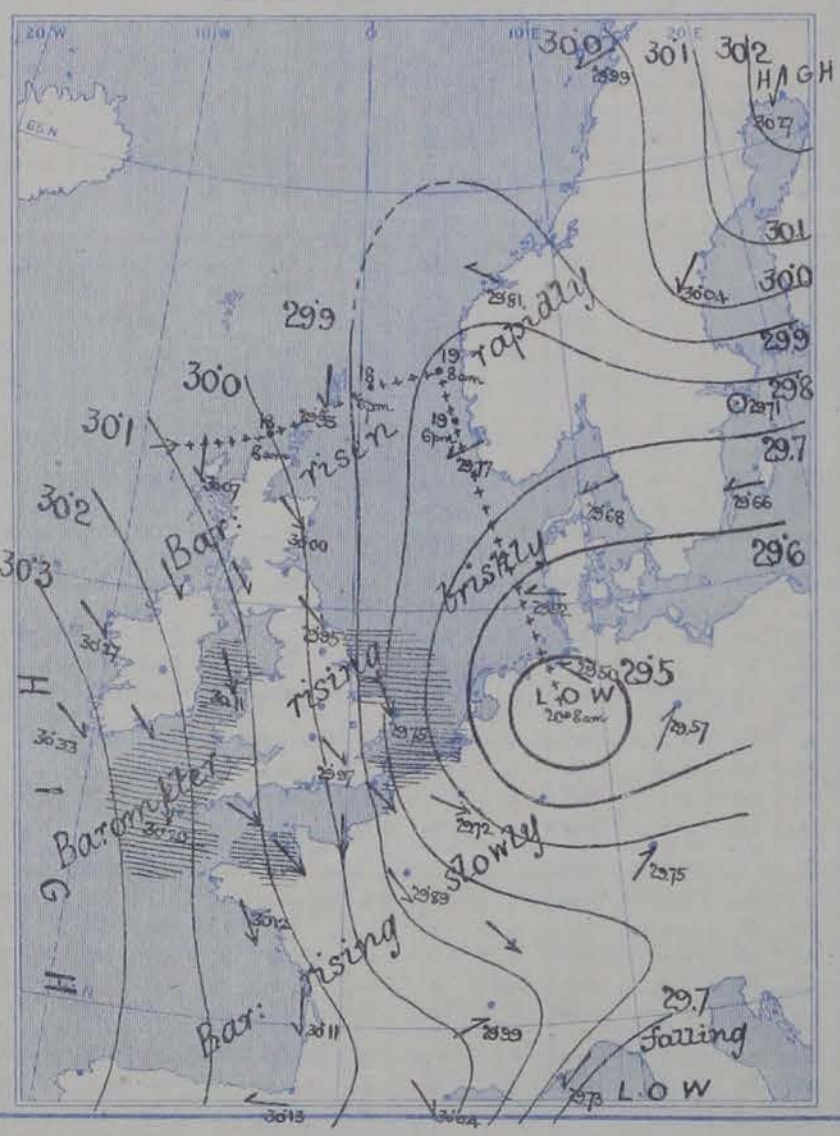
BAROMETER, WIND AND SEA.

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 DECEMBER.

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·62	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 in: and upwards in Portugal; 30·3 in: and upwards in the southwest of Ireland; 30·2 in: and upwards over Lapland.
Lowest, 29·5 in: and less, in a depression lying over North Germany.
Gradients moderate or slight. Barometer rising generally, — quickly in the north.

TEMPERATURE

Highest, 51° at Lisbon, 45° at Valencia (Ireland) and Scilly, 47° at Holyhead and Jersey, and 46° at Rochers Pt., Pembroke, Lorient, Rochefort, and Biarritz.
Lowest, −12° F. at Haparanda, +21° at Bodö, 25° at Hernösand, 28° at Karlstad, and 33° at Christiansund and Lerwick.
The maxima registered yesterday were above 45° in many parts of the United Kingdom; on our extreme southwest coasts the thermometer reached 50°.

WIND

NW over our Islands, the Netherlands and greater part of France; strong in force on the more exposed parts of our western coasts, as well as in the extreme southeast of England.
E or NE in Scandinavia and Denmark, with a gale at Lerwick; light or moderate from the SW in Germany.

WEATHER

Fine over the greater part of our Islands, as well as in the north of Scandinavia and west of France, but dull in the west of Ireland.
Cloudy in Denmark and the central and southern parts of Scandinavia, with snow at Hernösand, rainy over Belgium, Western Germany, and the east of France.
Showers of hail and rain fell yesterday in most parts of the United Kingdom, and steady rain at many of the Continental stations.
Lightning was seen last night at Rowls Pt. Jersey.

SEA

Rough or rather so on the more exposed parts of our west, south, and east coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer continues to rise steadily in the west, and an anticyclone is apparently spreading over our Islands from the Atlantic. Fair cold weather seems likely to prevail for a time in most districts.

FORECASTS

For the 24 hours ending at NOON on 21st DEC: 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW and N winds, moderate; fair generally, colder.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	NW and N winds, fresh; fair generally but perhaps local showers. Frost tonight.
6	SCOTLAND WEST	Same as Nos 0 and 1.
7	ENGLAND N.W.	NW and N winds, moderating; fair generally. Colder.
8	ENGLAND S.W.	
9	IRELAND NORTH	Same as Nos 0 and 1.
10	IRELAND SOUTH	
	WARNINGS	At 10·20 am to district 0 and part of 1 "LOWER CONE".

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	28·95	42	41	SSE	4	r	3	Valencia	30·01	49	45	NW	6	cqhp	6
Sumburgh Head	29·16	42	40	N	4	c	5	Scilly	29·86	50	47	NW	6	c	5
Stornoway	29·53	44	44	N	5	cqjp	9	Jersey	29·77	49	46	NW	6	cqjphr	5
Aberdeen	29·91	44	41	NW	4	cqjp	4	Hurst Castle ...	29·64	44	43	NW	5	cqjp	3
Shields	29·38	44	41	W	5	c	2	Dungeness ...	29·50	46	43	NNW	4	bc	3
Ardrossan	29·50	42	40	W	5	bcqr	4	North Foreland	29·47	45	41	W	6	bc	4
Malin Head ...	29·66	46	42	NW	4	bc	5	London (Westminster)	29·54	46	41	NW	2	bcp	*
Belmullet	29·89	46	44	WNW	4	bp	*	Yarmouth ...	29·39	41	39	WNW	4	bc	3
Holyhead	29·62	48	44	NW	9	cqjp	8	Rochefort ...	30·00	49	46	ENE	5	c	*

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

Weather changeable and showery over our Islands and the neighbouring parts of the Continent, with sleet at Stornoway, and hail at Malin Head and Jersey. Fine over the north of Scandinavia and the greater part of Russia, but snow falling at many of the Baltic stations; cloudy in most of the Central and southern countries, with rain at Munich and Rome. Hail showers falling during day in many parts of the United Kingdom and steady rain in Denmark, Germany and France. Lightning seen at night at Prawle Point and Jersey.

Temperature fallen greatly in Russia and the north of Sweden and rather considerably over the eastern and southern parts of our Islands, risen in most other localities. Morning readings highest 57° at Algiers, 56° at Palma, and 54° at Biarritz and San Fernando; above 45° in our own southwest coasts. Lowest −12° Fahr. at Haparanda, −6° at Uleaborg and Kuopio, −1° at St Petersburg and +1° at Kharkov; considerably below the freezing point in Austria and the north of Scandinavia. Rising during day to 45° and upwards in most parts of the United Kingdom, and exceeding 50° in the Channel Islands and the west and south of France.

Wind strong from the NW^ds on all the western coasts of our Islands and France, with a gale at Holyhead; moderate from the W^ds on our east and southeast coasts. SW^ly over Denmark, Germany, the Netherlands, and the south of Norway; E^ly or SE^ly in the more northern parts of Scandinavia. Variable in Austria and the south of Russia; S^ly or SW^ly in Italy, SE^ly in Algeria. NW^ly winds spreading later to all parts of our Islands, and increasing to a strong gale at Aberdeen and Holyhead.

Barometer highest 30·3 ins. and upwards over the southern part of the Spanish Peninsula; 29·9 ins. and upwards in Lapland. Lowest 28·8 ins. and less. in a depression off the southwest of Norway (gradients rather steep over Northwestern Europe generally); 29·6 ins. and less. in a shallow system over northern Russia. Barometer rising during day in all the more western countries, quickly in the north; Norwegian depression moving at night rapidly southwards across the eastern parts of the North Sea.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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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 Friday, 21st December, 1894.

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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 ...	30·35	8	SSW	2	b	30·10	-·17	10	10	-22	SSW	4	S	#	b	#	?	-13	-
	Hernösand ...	30·27	23	Z	0	0	30·03	-·01	26	24	+1	Z	0	0	#	0	#	28	21	-
	Stockholm ...	30·10	31	ENE	4	0	30·08	+·37	29	28	-5	ENE	2	0	#	0	#	37	29	0·35
	Wisby	29·97	36	E	4	r	30·02	+·36	36	35	0	E	4	0	#	r	#	39	32	0·20
	Bodö	29·90	19	E	4	b	29·47	-·52	33	30	+12	SE	4	0	2	b	#	?	18	-
	Christiansund ...	29·93	33	ESE	3	b	29·52	-·29	37	33	+4	ESE	3	0	3	b	#	37	32	-
	Skudesnaes ...	?30·01	41	WSW	4	r	?29·82	+·05	36	34	0	SSE	9	0	6	c,r	#	41	36	?
	Færder (Christiania Fjord)	30·10	28	NNE	8	b	30·01	+·19	29	28	-4	NNE	2	0	1	b	#	33	27	-
	Skagen (The Scaw)	30·06	33	NE	2	bc	30·00	+·32	36	34	-2	SE	1	0	0	bc	#	39	32	-
	Fanö	29·99	36	NE	3	0	30·02	+·50	32	31	-6	NE	2	c	#	0	#	39	32	-
British Islands.	Sumburgh Head	29·93	41	WSW	1	c	29·54	-·39	42	42	+3	WSW	4	r	4	c	#	43	39	0·18
	Stornoway ...	29·92	46	SW	3	c	29·72	-·35	41	41	0	NW	4	bcp	3	0,c	0·2	49	37	0·12
	Wick	29·92	40	NW	3	bc	29·66	-·34	40	39	+2	NW	4	c	1	bc	#	45	35	0·03
	Nairn	30·00	36	Z	0	b	29·75	-·30	42	40	+4	SW	1	bc	1	b	#	48	33	0·03
	Aberdeen ...	30·07	34	WSW	2	b	29·79	-·21	40	39	0	SW	2	c	3	bc,p,b	1·6	43	33	0·09
	Leith	30·12	38	W	1	m	29·84	-·18	46	43	+4	W	2	bm	#	m	#	47	35	-
	Shields	30·12	40	NW	2	b	29·88	-·07	40	39	0	SW	2	0	3	p,bc,r	#	43	31	0·03
	Spurn Head ...	30·08	41	NNW	4	op	30·01	+·15	39	37	-1	WSW	3	0	4	p,c,op	#	45	35	0·04
	York	30·13	40	N	3	bc	29·99	+·03	38	37	-2	SSW	1	0	#	bc	#	44	30	0·03
	Loughborough ...	30·16	37	NW	2	b	30·08	+·10	39	38	0	SW	3	ogr	#	bc,b,or	#	44	28	0·02
	Ardrossan	30·12	46	SW	1	bm	29·89	-·22	47	46	+6	W	3	cm	3	b,bm	#	48	40	0·01
	Malin Head ...	30·09	45	SSW	5	0	29·91	-·23	47	43	+2	WSW	4	op	2	0	#	49	44	0·02
	Belmullet ...	30·17	48	SW	2	0	29·96	-·31	47	44	0	W	3	0	#	bc,o	#	52	44	0·13
	Donaghadee ...	30·18	44	SW	4	c	29·96	-·17	47	46	+3	WNW	3	c	2	c	#	47	43	-
	Liverpool (Bidston)	30·21	40	WNW	1	b	30·02	-·05	46	45	+3	SW	2	r	2	b	#	46	38	0·06
	Holyhead ...	30·20	46	NW	4	b	30·01	-·10	49	48	+2	NSW	5	0	3	cp,b	#	49	43	0·04
	Parsonstown ...	30·25	44	Z	0	0	30·06	-·20	50	49	+10	Z	0	omr	#	0	0·0	50	39	0·03
	Valencia ...	30·31	48	W	2	cp	30·12	-·21	52	52	+3	NSW	4	rm	4	cp	0·5	52	46	0·15
	Roche's Point ..	30·31	49	NW	2	c	30·12	-·16	51	50	+5	W	1	c	3	c	#	51	45	-
	Pembroke (St. Ann's Hd.)	30·31	47	N	4	0	30·11	-·05	51	51	+5	W	4	od	4	c,o	1·3	51	45	0·07
	Scilly	30·26	48	NNW	5	bc	30·20	-·00	50	50	+1	W	5	m	4	cp,bc	1·4	50	45	0·01
	Prawle Point ...	30·24	42	NNW	3	b	30·20	+·10	48	46	+6	WNW	4	og	3	c,b	#	51	39	-
	Jersey (St. Aubin's)	30·19	46	NNW	4	b	30·26	+·19	43	41	-4	NW	2	om	2	bc,b	#	50	40	-
	Hurst Castle ...	30·17	40	NNW	1	b	30·19	+·15	43	42	+2	WNW	2	og	1	b	#	46	33	-
	Dungeness ...	30·04	42	NNW	5	c	30·14	+·25	34	34	-6	WNW	2	m	1	o,c	#	44	33	-
	North Foreland	30·04	44	N	5	cqp	30·14	+·31	37	35	-5	W	2	om	2	oqp,b	#	44	35	0·02
	London (Brixton) ...	30·13	43	NW	3	o	30·15	+·18	33	32	-7	W	1	oq	#	bc,o2b	2·2	44	31	-
	Oxford	30·19	38	NNW	2	b	30·15	+·13	36	35	-3	SW	2	oq	#	bc,b	#	45	31	-
	Cambridge ...	30·12	40	N	4	o	30·13	+·20	35	34	-3	SW	3	o	#	o	0·5	45	31	-
	Yarmouth ...	30·01	44	N	4	c	30·10	+·35	35	33	-8	NSW	3	cm	3	rqq,c	#	45	33	0·19
Germany & Holland.	Cuxhaven ...	29·82	36	NE	3	o	30·05	+·55	36	36	-2	N	1	c	#	o	#	41	35	-
	Berlin	29·78	36	E	3	c	29·94	+·37	35	34	-1	NW	4	o	#	c	#	39	34	-
	Wiesbaden ...	*	*	*	*	*	30·08	+·47	39	37	-1	NW	3	o	#	*	*	41	37	0·04
	Munich... ..	29·79	35	SW	6	b	29·95	+·20	32	32	-3	W	5	o	#	b	#	39	32	0·12
	The Helder ...	30·00	42	NNE	2	b	30·06		38	37		NSW	1	b	1	b	#	45	37	0·04
Belgium.	Brussels ...	*	*	*	*	*	30·13	+·41	34	34	-5	SW	1	f	#	o	#	43	31	0·04
	Cape Gris Nez...	29·97	44	N	6	r	30·12	+·30	42	41	-1	NW	3	m	4	r	#	46	34	0·16
	Paris	30·00	41	NW	4	o	30·22	+·33	35	35	-7	Z	0	o	#	o	#	45	33	-
	Brest	?	48	N	5	c	?	?	48	45	-1	NNW	1	o	1	c	#	52	45	-
	Lorient... ...	30·04	47	NNW	5	bc	30·32	+·20	46	43	0	NW	4	c	3	bc	#	52	45	-
France &	Rochefort ...	30·13	45	NW	5	c	30·32	+·21	43	40	-3	N	4	c	#	b,c	#	48	39	-
	Belfort	?	38	SW	4	r	?	?	36	35	0	E	1	m	#	r	#	39	34	0·35
	Lyons	30·02	41	NNW	3	0	30·14	+·15	37	35	+2	N	2	0	#	0	#	41	35	0·28
	Nice	29·77	43	E	2	b	29·84	+·11	39	31	-1	E	2	b	2	b	#	54	37	-
	Perpignan ...	30·06	41	NW	3	b	30·13	+·09	43	39	-3	NW	5	0	#	b	#	52	40	-
	Biarritz ...	30·18	51	N	6	bc	30·30	+·17	43	41	-3	E	2	0	6	bc	#	54	43	0·35
Peninsula.	Corunna ...																#			
	Lisbon	30·41	52	NNW	4	b	30·40	-·05	49	44	-2	N	5	b	#	b	#	55	48	-
	Azores (P. Delgada)	30·58	60	ESE	3	bc	30·54	-·00	59	54	0	NW	2	c	3	bc	#	63	57	-

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, 21st December, ... 1894.

BAROMETER, WIND AND SEA.

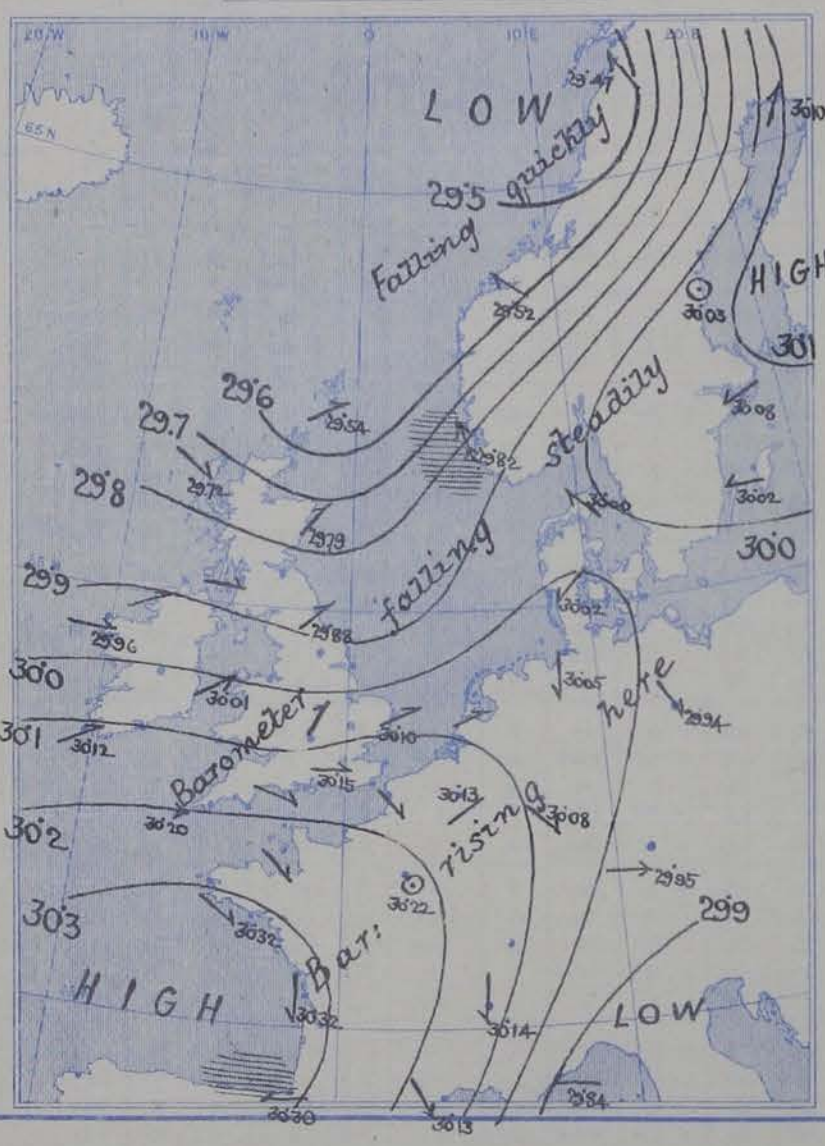
BAROMETER—Isobars are drawn for each tenth of an inch.

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 DECEMBER.

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 · 673	39 · 6	38 · 1	42 · 6	35 · 2	4 · 25	—	—
Stornoway	29 · 705	39 · 4	38 · 5	43 · 1	34 · 2	5 · 63	27 · 6	14
Wick	29 · 718	38 · 1	36 · 8	42 · 2	32 · 7	3 · 10	—	—
Nairn	29 · 743	37 · 1	35 · 6	41 · 9	32 · 8	1 · 95	—	—
Aberdeen	29 · 767	36 · 9	35 · 2	41 · 9	32 · 6	3 · 24	37 · 9	19
Leith	29 · 807	38 · 5	37 · 0	44 · 0	33 · 7	1 · 86	—	—
Shields	29 · 845	38 · 3	36 · 9	42 · 9	33 · 9	2 · 57	—	—
Spurn Head	29 · 873	38 · 8	37 · 7	42 · 4	35 · 3	2 · 14	—	—
York	29 · 890	36 · 4	35 · 4	42 · 3	32 · 3	2 · 28	24 · 5	11
Loughborough	29 · 924	36 · 3	35 · 4	42 · 7	32 · 2	2 · 24	—	—
Ardrossan	29 · 820	40 · 0	38 · 7	44 · 5	35 · 9	3 · 73	—	—
Donaghadee	29 · 848	40 · 2	39 · 3	45 · 8	36 · 2	2 · 84	—	—
Holyhead	29 · 879	42 · 8	41 · 1	46 · 4	39 · 1	3 · 82	—	—
Liverpool	29 · 895	38 · 8	37 · 1	43 · 5	35 · 6	2 · 59	—	—
Parsonstown	29 · 901	37 · 8	36 · 6	44 · 7	33 · 1	3 · 04	44 · 4	19
Valencia	29 · 905	44 · 6	42 · 4	49 · 7	40 · 0	5 · 99	45 · 1	19
Roche's Point	29 · 912	42 · 9	41 · 5	47 · 9	38 · 9	4 · 95	—	—
Pembroke	29 · 916	43 · 6	42 · 2	46 · 8	40 · 3	3 · 99	46 · 2	20
Scilly	29 · 951	47 · 0	45 · 1	49 · 5	43 · 4	4 · 02	—	—
Prawle Point	29 · 970	42 · 5	41 · 1	47 · 0	38 · 2	3 · 76	—	—
Jersey	29 · 985	43 · 1	41 · 4	47 · 3	39 · 3	3 · 82	57 · 1	23
Hurst Castle	29 · 958	40 · 6	39 · 8	45 · 6	36 · 3	2 · 78	—	—
Dover	29 · 953	39 · 8	38 · 6	44 · 3	35 · 9	3 · 00	—	—
LONDON	29 · 954	37 · 8	36 · 7	44 · 0	33 · 9	2 · 10	19 · 4	8
Oxford	29 · 955	37 · 0	35 · 9	42 · 9	33 · 5	2 · 10	37 · 4	16
Cambridge	29 · 941	36 · 2	35 · 5	42 · 8	31 · 6	1 · 88	39 · 3	17
Yarmouth	29 · 916	37 · 9	37 · 0	41 · 9	33 · 7	2 · 66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 in: and upwards in an anticyclone lying off the Portuguese coast; 30·1 in: and upwards over Ireland.
Lowest, 29·5 in: and less, in a depression off the west of Norway; 29·3 in: and less, over the Gulf of Genoa.
Gradients slight generally, but steep over the northern parts of Scandinavia.
Barometer falling in most parts of our Islands and Scandinavia, but rising elsewhere.

TEMPERATURE

Highest, 52° at Valencia (Ireland) 51° at Rockcliffe and Pembroke, 50° at Parsonstown and Sally, and 49° at Holyhead and Lisbon.
Lowest, 10° at Haparanda, 26° at Hernösand, 29° at Stockholm and Haerder, 30° at Carlstadt, and 32° at Vaasa and Munich.
Frost occurred last night over the northern and central parts of Great Britain.

WIND

Light to moderate from the W. or SW. over the greater part of our Islands, but NW. in the north of Scotland.
SE. in the west of Norway, with a gale at Skudenaes.
E. in Denmark and the south of Sweden; NW. or N. in France and Germany.

WEATHER

Cloudy or overcast in most places with rain at several of our more western and extreme northern stations, and with snow at Haparanda.
Showers fell yesterday in many parts of the United Kingdom, and steady rain in the south of France.

SEA

Moderate to smooth generally, but rather rough at Skudenaes and also at Biarritz.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Further depressions are approaching our western coasts, and mild unsettled weather seems probable over the United Kingdom generally with freshening SW. winds on our western coasts.

FORECASTS

For the 24 hours ending at NOON on 22ND DEC: 1894.

DISTRICTS.		FORECASTS.
▼ 0	SCOTLAND NORTH	NW. to SW. winds, force doubtful; changeable, some rain.
1	SCOTLAND EAST	SW. winds, moderate; cloudy some rain. Milder.
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	W. to SW. winds, moderate; milder, unsettled, some rain.

DISTRICTS.		FORECASTS.
▼ 6	SCOTLAND WEST	W. to SW. winds, freshening; dull, unsettled, some rain.
▼ 7	ENGLAND N.W.	
8	ENGLAND S.W.	
▼ 9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	At 7·20 pm yesterday to districts 6 7 9 and part of 0 "Hoist South Cone."

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.94	41	39	2	0	c	2
Sumburgh Head	29.98	41	40	2	0	c	3
Stornoway	30.03	43	43	rr3rr	2	0	2
Aberdeen	30.10	40	38	rw	3	bc	3
Shields	30.08	42	40	rw	3	bc	4
Ardrossan	30.14	45	43	rw	2	b	1
Malin Head ...	30.14	46	44	w	3	0	2
Belmullet	30.22	48	47	Sw	3	bc	#
Holyhead	30.17	47	44	rrrw	6	cp	5

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30.32	49	47	w	3	cp	4
Scilly	30.24	49	47	rrrw	6	cp	5
Jersey	30.14	50	44	rw	5	bc	4
Hurst Castle ...	30.08	46	43	rrrw	4	b	3
Dungeness ...	29.92	44	41	rrrw	5	0	4
North Foreland	29.91	44	41	n	7	0	5
London (Westminster)	30.02	45	40	rrrw	4	c	#
Yarmouth ...	29.88	45	43	rrrw	6	qqr	5
Rochefort ...	30.15	47	44	n	5	b	#

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

Weather in morning fine over the greater part of our Islands, but with showers in a few places. Fine in the north of Scandinavia and also in the southern parts of France and Spain; cloudy or overcast in all other parts of the Continent, with rain at many of the Belgian, French, German and Italian stations, and with snow over Central Sweden and the Gulf of Finland, as well as at Budaperth. Showers falling during day in many parts of the United Kingdom, and steady rain in the south of France.

Temperature fallen in most of the western and central Countries, but risen in Russia, Austria and Italy. Morning readings highest 60° at Malta, 57° at Nemours, 56° at Algiers, and 55° at Brindisi; above 45° at several of our more western stations. Lowest −14° F. at Archangel, −12° at Haparanda, and −2° at Uleaborg and Kuopio; below the freezing point in most parts of northern and eastern Europe. Daily maxima below 45° at several of our more northern and eastern stations, but thermometer reaching 50° on our southwest coasts and exceeding that point in the west and south of France. Frost occurring over the northern and central part of Great Britain at night.

Wind moderate to strong from the NW^ward over our Islands and the greater part of France and Spain; SW^ly in Germany; E^ly or NE^ly over Scandinavia, Finland and Denmark, with a gale at Tænder. Light from the SE^ward over Russia; variable in Austria, S^ly or SW^ly in Italy. Subsequently backing to the SW^ward in Scotland and the north of Ireland; NW^ly and falling light on the English coasts.

Barometer highest 30·4 ins: and upwards in Portugal; 30·2 ins: and upwards over Lapland. Lowest 29·5 ins: and less, in a depression lying over North Germany; 29·7 ins: and less, in three small disturbances lying respectively over Dalmatia, northern Italy, and the Gulf of Genoa. German depression subsequently moving southwards; new disturbance beginning to approach our extreme northwestern 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.

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, 22nd December, 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														*		*			
	Christiansund ...																*			
	Skudesnaes ...																*			?
	Færder (Christiania Fjord)																*			
	Skagen (The Scaw)	29·75	34	SW	4	r	29·26	-·14	40	40	+ 4	SSW	4	O	1	r	*	?	34	-
	Fanö														#		*			
	Sumburgh Head	29·37	40	WSW	3	O											*			
	Stornoway ...	29·34	42	SSW	3	r														
	Wick																*			
	Nairn																			
	Aberdeen ...	29·54	41	SW	4	o q q r											*			
	Leith														*		*			
	Shields	29·69	45	SSW	3	O											*			
	Spurn Head ...	29·82	44	SSW	4	o d m	28·87	-1·14	46	41	+ 7	WSW	7	o p	5	m d. r q	*	47	39	0·15
	York	29·83	46	SSW	1	O	28·72	-1·27	45	41	+ 7	W	9	r	*	O	*	45	38	0·13
	Loughborough ...	29·88	46	SSW	3	O	29·17	-0·91	46	45	+ 7	SW	7	C	*	O	*	51	38	0·20
British Islands.	Ardrossan ...	29·55	47	SW	4	r m											*			
	Malin Head ...	29·39	48	S	6	o r											*			
	Belmullet ...	29·44	52	SW	8	o r u									*		*			
	† Donaghadee ...	29·61	48	SSW	6	r	28·95	-1·01	44	43	- 3	WNW	11	b c	8	r	*	50	42	0·45
	Liverpool (Bidston)	29·77	50	S	2	O	29·01	-1·01	46	45	0	W	10	O	7	O	*	54	44	0·08
	Holyhead ...	29·75	51	SW	7	q d	29·20	-0·81	45	42	- 4	W	10	c q u	8	c d. p. q	*	51	42	0·33
	Parsonstown ...	29·69	52	W	2	O	29·52	-·54	40	40	- 10	SW	3	c q r	*	o. r	0·0	53	39	0·50
	Valencia ...	29·72	53	SSW	6	o q	29·82	-·30	47	44	- 5	W	9	b c u	6	f d. q m	0·0	54	43	0·24
	Roche's Point ...	29·82	53	WSW	5	r	29·68	-·44	45	42	- 6	NW	7	b c q	5	r q	*	53	44	0·45
	Pembroke (St. Ann's Hd.)	29·66	50	SSW	6	O	29·49	-·62	49	45	- 2	NW	8	O q	7	O q	0 0	52	45	0·30
	Scilly	30·05	51	WSW	5	c	29·74	-·46	50	46	O	NNW	9	c r	6	p m. c q h	0·0	52	46	0·20
	Prawle Point ...	30·03	50	SW	6	O	29·62	-·58	47	44	- 1	W	8	b c	7	r f	*	51	44	0·35
	Jersey (St. Aubin's)	30·13	50	SW	4	o q r f	29·72	-·54	50	48	+ 7	NNW	6	b c m	5	q f. r q	*	50	42	0·26
	Hurst Castle ...	30·00	50	SW	3	o p	?29·59	-·66	48	45	+ 5	W	6	b	4	p p q	*	50	42	0·12
	Dungeness ...	29·98	48	WSW	5	r	29·42	-·72	48	47	+ 14	WSW	7	c q	7	r	*	50	38	0·16
	North Foreland	29·96	46	SW	3	o r m	29·37	-·77	47	44	+ 10	W	5	o q	4	r m q	*	51	35	0·17
	London (Brixton) ...	29·97	48	WSW	1	o r	29·38	-·77	47	43	+ 14	W	7	b q	*	o d. o q p	0·0	51	33	0·28
	Oxford	29·87	49	SW	2	O	29·39	-·76	45	41	+ 9	WSW	6	b c q	*	o. o p q	*	51	36	0·13
	Cambridge ...	29·92	45	SW	3	O	29·28	-·85	47	42	+ 12	WSW	9	b	*	O	0·0	52	34	0·10
	Yarmouth ...	29·90	42	WSW	3	c	29·18	-·92	46	42	+ 11	NSW	7	b c q	4	c m, c	*	46	33	0·13
Germany & Holland.	Cuxhaven ...	30·00	41	SW	2	O	29·47	-·58	41	40	+ 5	SSW	6	r	*	O	*	41	34	0·08
	Berlin	30·08	37	NNW	1	O	29·84	-·10	32	32	- 3	SSE	3	c	*	O	*	39	30	0·19
	Wiesbaden ...	*	*	*	*	*	29·89	-·19	36	35	- 3	S	1	O	*	*	*	41	36	0·04
	Munich	30·21	31	N	5	O	30·10	+·15	26	25	- 6	SW	4	b	*	O	*	32	25	0·04
	The Helder ...	29·87	44	SW	5	r	29·24	-·82	46	45	+ 8	SW	10	r	4	r	*	46	37	0·20
Belgium.	Brussels ...	*	*	*	*	*	29·58	-·55	44	43	+ 10	SSW	4	O	*	r	*	44	33	0·12
	Cape Gris Nez	29·98	46	WSW	5	r	29·41	-·71	48	48	+ 6	SW	8	r	7	r	*	48	42	0·28
	Paris	30·21	41	SW	2	O	29·84	-·38	44	43	+ 9	SSW	5	O	*	O	*	44	35	0·16
	Brest	?	51	NNW	3	O	?	?	49	47	+ 1	NNW	6	C	6	O	*	51	45	0·16
	Lorient	30·23	50	W	4	O	29·84	-·48	51	50	+ 5	WSW	7	r	6	O	*	50	46	0·04
France &	Rochefort ...	30·34	45	S	3	c	30·09	-·23	49	48	+ 6	W	5	?	*	b. c	*	48	43	0·04
	† Belfort	?	38	SW	4	r	?	?	36	35	O	E	1	m	*	r	*	39	34	0·55
	Lyons ...	30·31	36	NNW	2	O	30·22	+·08	31	30	- 6	S	1	c	*	O	*	40	30	-
	Nice	29·98	42	NE	2	b	30·07	+·23	38	31	- 1	E	2	b c	1	b	*	54	?	-
	Perpignan ...	30·22	46	NW	1	b	30·17	+·04	46	39	+ 3	NW	2	O	*	b	*	48	40	-
	Biarritz ...	30·34	47	E	2	O	30·19	-·11	50	46	+ 7	SSW	4	O	2	O	*	54	[illegible]	-
Peninsula.	Corunna ...																*			
	Lisbon	30·41	50	NNW	4	b	30·41	+·01	49	47	O	N	2	b c	*	b	*	57	48	-
	Azores (P. Delgada)	30·54	57	NE	3	b	30·50	-·04	55	54	- 2	N	3	b	2	b	*	63	52	-

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, 22nd DECEMBER, 1894.

BAROMETER, WIND AND SEA.

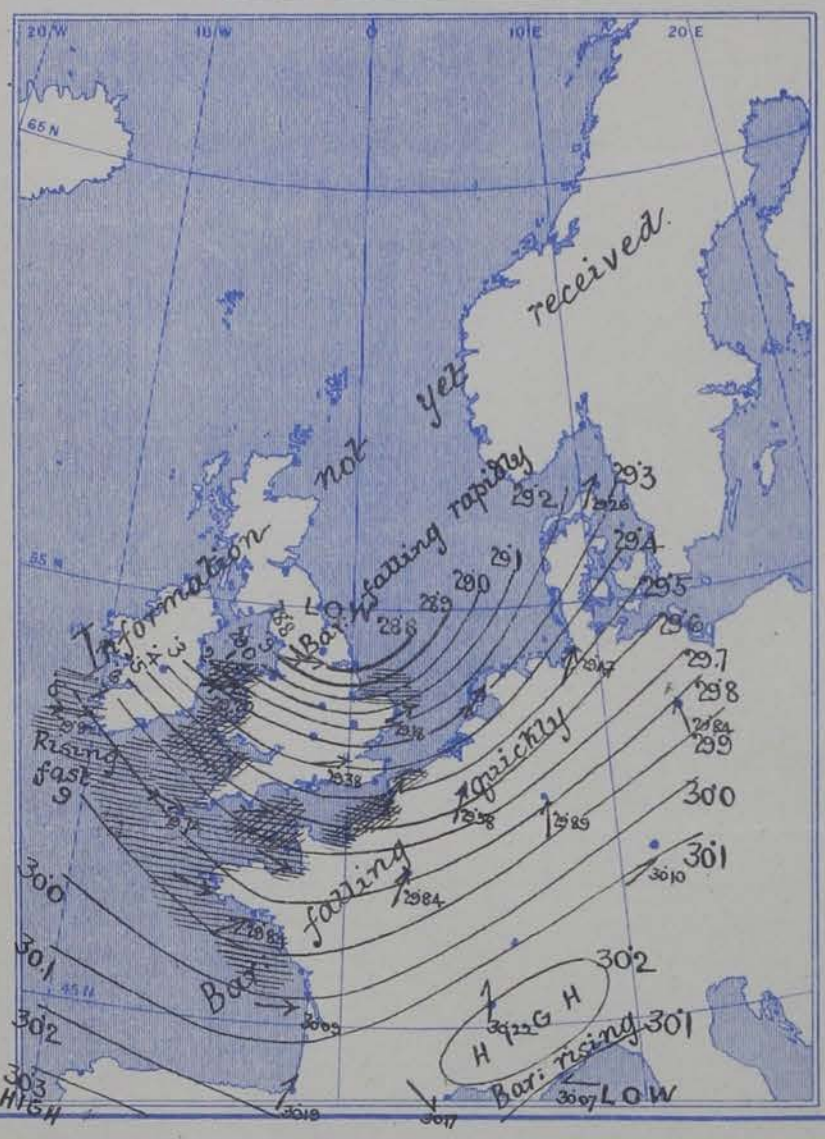
BAROMETER—Isobars are drawn for each tenth of an inch.

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* ▤

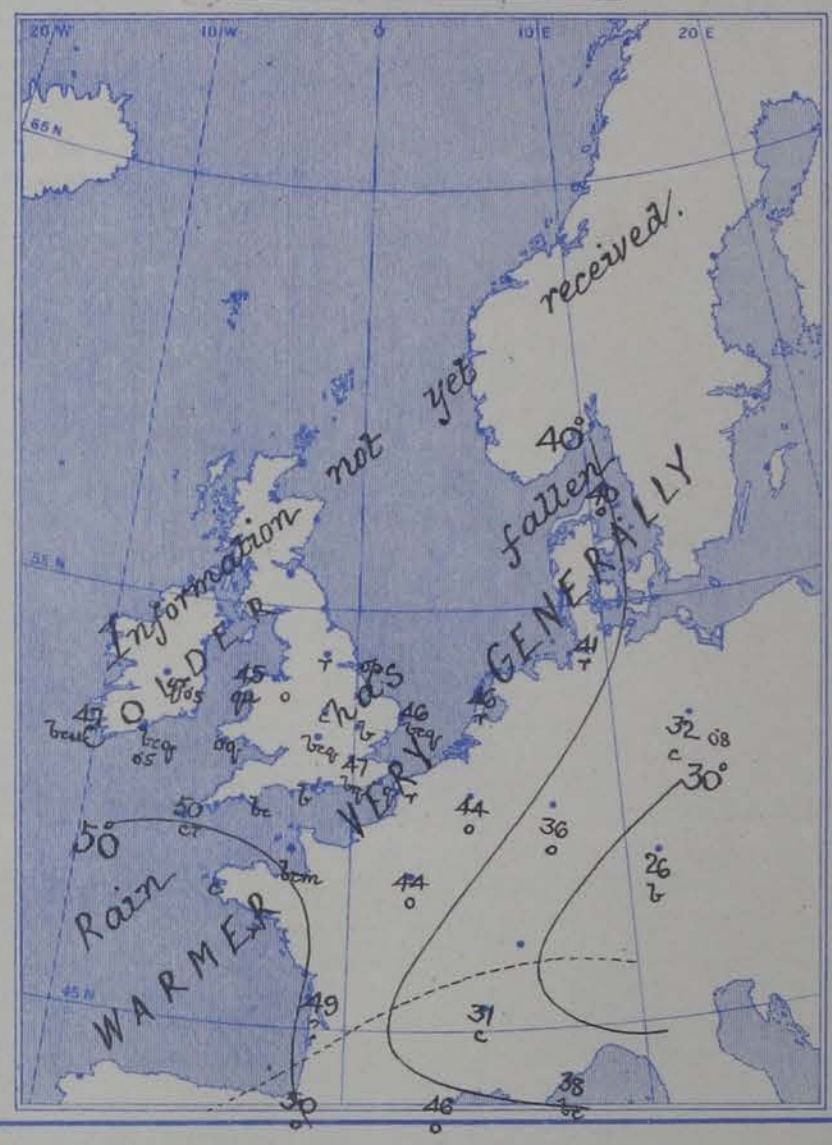


TEMPERATURE & WEATHER.

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 DECEMBER.

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 in: and upwards, over the south of Portugal.
Lowest, 28·8 in: and less, in a very deep depression basing its centre some distance to the northward of York. The reports from stations north of York are all wanting.
Gradients very steep over the north of England, steep elsewhere.
Barometer apparently falling with great rapidity in the north, rising quickly again in the south of Ireland.

TEMPERATURE

Highest, 51° at Lorient, 50° at Scilly, Jersey, and Biarritz, and 49° at Pembroke, Brest, Rochefort, and Lisbon.
Lowest, (1) 26° at Munich, 31° at Lyons, 32° at Berlin, 36° at Wiesbaden, and 38° at Nice; (2) 40° at Parsonstown.
The maxima registered over England occurred mostly during the evening or night, when the thermometer rose to a little above 50° in many places.

WIND

Blowing a gale from the W.ⁿ over England and the South of Ireland, and from the S.W.ⁿ over the Netherlands.
Over the Irish Sea a "cobble gale" is reported.
Fresh from the W.ⁿ or S.W.ⁿ over the greater part of France.

WEATHER

Squally and showery over Ireland and England; rainy in the Netherlands and the west of France; fair in Germany and the south of France.
Since yesterday morning rain appears to have fallen generally, the largest amount at present reported being 0·5 inch at Parsonstown and Roche's Point.

SEA

Very high at Holyhead and high or rough on most parts of our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

In the absence of our northern reports it is impossible to estimate the exact position of the barometric minimum. The large depression is apparently moving eastwards, and the gale over England is likely to subside gradually, with colder weather

FORECASTS

For the 24 hours ending at NOON on 23rd Dec.r 1894.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Our Northern Reports are all wanting. No detailed forecast possible, but gale likely to subside gradually, with a decided fall of temperature over England.	6 SCOTLAND WEST	Same as Nos. 0 to 5.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	At 3·40 pm yesterday to districts 5, 8, and 10 and at 7·0 pm to districts 0 to 3 "Hoist South Cone". The Signals are still flying on all coasts.

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 ...	29.62	44	40	S S E	4	c	4
Sumburgh Head	29.47	42	40	W S W	4	r	4
Stornoway	29.60	43	43	W	3	o	3
Aberdeen	29.72	42	39	S W	1	bc	2
Shields	29.81	47	46	W S W	1	o	3
Ardrossan	29.75	48	46	W	3	cm	3
Malin Head ...	29.71	45	43	S	4	o	3
Belmullet	29.74	50	49	S W	4	om	#
Holyhead	29.92	50	48	W	2	cmpd	1
Valencia	29.95	53	53	S W	5	oqm	5
Scilly	30.13	52	52	W	6	opm	4
Jersey	30.18	49	47	S W	4	o	4
Hurst Castle ...	30.07	49	49	S W	4	r	2
Dungeness ...	30.06	46	46	W S W	3	r	2
North Foreland	30.06	41	40	S W	3	r	2
London (Westminster)	30.04	45	44	W	1	qfa	#
Yarmouth ...	29.98	41	39	W S W	3	cm	3
Rochefort ...	30.32	48	44	N	2	b	#

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

Weather cloudy or overcast in most parts of our Islands and the Continent, with rain at several of and snow in northern and extreme northern stations; fog in many parts of Germany and Austria, and snow at Haparanda, St Petersburg, and Breslau. Rain reported in places and a thunderstorm at Malta. Fine over the Spanish Peninsula, the south of France and northern Italy. Rain falling during day in nearly all parts of Western Europe, – heavily at some of the Irish stations.

Temperature risen in all the more western and northern parts of our Islands, and also on the Norwegian coasts, but fallen elsewhere. Morning readings highest 59° at Oran, 57° at Athens, and 55° at Patras Algiers, Sfax, and Malta; above 50° in the extreme southwest of our Islands. Lowest 0 Zero at Ulcaborg, 3° at Mupio, 9° at Petersburg, and 11° at Khanikov, considerably below the freezing point over the whole of Russia and Austria. Rising quickly over England during day, and reaching a maximum of 50° and upwards during the evening or ensuing night; exceeding 50° in the west and south of France.

Wind light to moderate from the W.ly or S.W.ly over the greater part of our Islands, but N.W. in the north of Scotland; S.E. on the Norwegian coasts, with a gale at Rudesnaes. Light from the E.ly or S.E.ly in Russia, variable in Austria, light to fresh from the N.ly over the greater part of Germany, France, Spain, and Italy. Subsequently backing to the S.ly or S.W.ly over the whole of our Islands, and increasing to a strong gale at night.

Barometer highest 30.4 ins: and upwards in a large anticyclone over Russia, and also in a smaller system over the Spanish Peninsula. Lowest 29.5 ins: and less, in a rather deep depression off the west of Norway; 29.7 ins: and less, in a shallow system over Italy. Deep disturbance appearing later off our extreme northwest coasts, and barometer falling rapidly in Ireland and the west of Scotland

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

N.B.—The morning observations are 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 23rd December 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 ...	29.22	33	SW	4	s	29.26	— .04	32	32	+ 3	SSW	6	s	*	s	*	33	12	0.16
	Hernösand ...	29.14	37	S	8	r	29.25	— .11	34	34	0	S	2	o	*	r	*	?	30	0.59
	Stockholm ...	29.25	36	S	6	r	29.30	— .26	37	36	+ 2	S	2	o	*	r	*	37	32	0.16
	Wisby	29.34	37	S	8	r.	29.27	— .43	37	36	0	S	4	o	*	r	*	?	34	0.08
	Bodö	29.10	30	NE	6	o	29.28	+ .30	28	?	— 7	W	4	c	2	o	*	36	26	—
	Christiansund ...	28.98	37	NE	8	r	29.38	+ .43	36	33	— 5	SW	3	bc	5	r	*	48	36	—
	Skudesnaes ...	? 28.82	41	SE	2	bc	? 29.60	+ .87	39	36	— 4	NW	4	c	3	bc	*	45	37	?
	Færder (Christiania Fjord)	28.85	44	SSE	8	o	29.36	+ .18	40	36	— 2	NNW	8	b	4	o	*	43	37	—
	Skagen (The Scaw)	28.77	42	SSW	4	r	29.25	+ .02	40	39	0	N	4	r	2	r	*	42	37	0.43
	Fanö	28.62	45	WNW	8	r	29.58	+ .33	42	38	+ 1	NW	8	c	*	r	*	45	41	0.43
British Islands.	Sumburgh Head																*			
	Stornoway ...	29.60	39	NNW	4	c	29.78		44	43		W	2	o	2	c	0.0	49	34	0.12
	Wick	29.44	35	N	6	o	29.68	+ 1.39	40	38	— 3	N	1	b	2	o	*	44	32	0.10
	Nairn	29.58	37	NNW	3	bc	29.77	+ 1.53	42	41	0	W	1	c	1	bc	*	45	34	0.12
	Aberdeen ...	29.45	37	NW	10	o	29.84	+ 1.65	38	36	— 3	SW	2	bc	3	o	0.0	43	34	0.46
	Leith	29.58	38	WNW	5	b	29.90	+ 1.62	41	40	— 6	WSW	3	bc	*	b	*	47	36	0.02
	Shields	29.51	42	NW	6	c	29.96	+ 1.57	43	41	— 1	W	3	cw	4	r,c	*	48	35	0.03
	Spurn Head ...	29.50	42	WNW	7	b	30.05	+ 1.18	42	40	— 4	WSW	4	bw	4	r,bq	*	46	37	0.05
	York	29.54	41	WNW	7	c	30.08	+ 1.26	44	41	— 1	W	1	b	*	c	*	52	37	—
	Loughborough ...	29.67	43	NW	8	b	30.15	+ 0.98	40	38	— 6	WSW	2	b	*	b	*	46	39	—
	Ardrossan ...	29.66	43	NW	5	b	29.89	+ 1.29	46	45	+ 1	SW	5	bq	5	b	*	46	43	0.10
	Malin Head ...																*			
	Belmullet ...	30.02	47	SW	2	bc	29.96	+ 0.37	47	46	+ 1	SSW	4	cw	*	bc	*	47	40	0.06
	Donaghadee ...	29.80	41	NW	8	b	30.04	+ 1.09	39	38	— 5	NW	4	b	3	b	*	45	38	—
	Liverpool (Bidston)	29.79	45	WNW	7	o	30.11	+ 1.10	45	43	— 1	WSW	4	c	4	o	*	48	43	0.02
	Holyhead ...	29.87	45	NW	8	c	30.13	+ 0.93	46	44	+ 1	SW	4	o	3	c	*	46	42	0.01
	Parsonstown ...	30.00	41	WNW	1	b	30.10	+ .58	43	42	+ 3	S	0	o	*	b	2.0	45	39	—
	Valencia ...	30.14	48	WNW	5	c	30.07	+ .25	48	47	+ 1	S	5	rw	5	c	2.9	50	45	0.05
	Roche's Point ..	30.08	45	NW	5	b	30.14	+ .46	49	47	+ 4	WSW	3	o	4	b	*	49	41	—
	Pembroke (St. Ann's Hd.)	30.03	47	NW	6	bc	30.21	+ .72	48	48	— 1	W	4	o	5	bc	0.0	49	42	0.05
	Scilly	30.12	50	NW	6	bc	30.27	+ .53	50	47	0	WSW	5	o	5	bc	2.8	50	45	—
	Prawle Point ...	30.03	45	W	6	o	30.29	+ .67	45	44	— 2	WNW	3	c	2	oq	*	47	40	—
	Jersey (St. Aubin's)	29.98	49	NW	7	bc	30.34	+ .62	48	45	— 2	W	3	cw	3	bc,ow	*	52	45	0.01
	Hurst Castle ...	29.89	44	NW	6	b	30.27	+ .74	44	42	— 4	WSW	2	bc	3	b	*	51	40	—
	Dungeness ...	29.70	44	WNW	6	c	30.21	+ .78	38	37	— 10	WNW	3	b	2	bc,c	*	50	35	—
	North Foreland	29.62	45	W	9	b	30.07	+ .80	40	38	— 7	W	4	bq	5	b	*	47	37	—
	London (Brixton) ...	29.75	45	WNW	7	bq	30.23	+ .85	37	36	— 10	WSW	2	b	*	cq,bq	2.6	48	36	—
	Oxford	29.93	41	W	3	b	30.23	+ .84	38	36	— 7	SW	2	b	*	b	*	47	37	—
	Cambridge ...	29.65	43	NW	7	b	30.18	+ .90	38	37	— 9	SW	4	b	*	b	1.4	48	36	—
	Yarmouth ...	29.47	44	WNW	8	c	30.07	+ .89	38	36	— 8	WNW	4	bc	4	c	*	49	35	0.01
Germany & Holland.	Cuxhaven ...	29.05	44	SW	8	o	29.72	+ .25	44	?	+ 3	NW	9	c	*	?	*	44	40	?
	Berlin	29.42	36	W	4	o	29.56	+ .72	41	40	+ 9	W	6	r	*	o	*	41	32	0.32
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich	29.73	36	SW	6	r	30.09	— .01	33	33	+ 7	W	7	s	*	r	*	37	25	0.20
	The Helder ...	29.36	44	WNW	9	o	29.99	+ .75	45	41	— 1	NW	6	c	4	o	*	46	43	0.28
France & Belgium.	Brussels ...	*	*	*	*	*	30.19	+ .61	38	36	— 6	WSW	2	c	*	bc	*	48	37	0.16
	Cape Gris Nez ...	29.64	46	WNW	7	b	30.16	+ .75	43	43	— 5	NW	4	b	5	b	*	50	41	0.08
	Paris	29.87	45	WNW	4	bc	30.30	+ .46	33	32	— 11	S	2	b	*	bc	*	51	33	0.16
	Brest	?	49	NNW	5	b	?	?	50	44	+ 1	NW	1	o	2	b	*	55	45	—
	Lorient	30.15	48	NW	6	b	30.39	+ .55	48	44	— 3	NNW	3	c	4	b	*	52	45	—
	Rochefort ...	30.14	47	NW	5	b	30.43	+ .34	44	42	— 5	N	3	b	*	b	*	54	41	0.16
	Belfort	?	41	SW	5	r	?	?	34	33	— 2	W	1	c	*	r	*	41	33	0.39
	Lyons ...	30.05	35	W	1	r	30.35	+ .13	38	35	+ 7	NNW	2	o	*	r	*	44	31	0.04
	Nice	29.91	42	W	1	bc	29.94	— .13	39	35	+ 1	NW	1	b	2	bc	*	58	36	—
	Perpignan ...	30.06	55	NW	4	o	30.28	+ .11	47	40	+ 1	NW	5	b	*	o	*	57	46	—
	Biarritz ...	30.14	51	WNW	6	r	30.38	+ .19	46	44	— 4	W	0	o	6	r	*	55	45	0.08
Penin-sula.	Coruna ...																*			
	Lisbon	30.43	58	NNW	2	c	30.43	+ .02	55	54	+ 6	NNE	3	c	*	c	*	57	49	—
	Azores (P. Delgada)	30.54	59	E	4	c	30.52	+ .02	55	54	0	NE	2	c	3	c	*	64	54	—

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, 23rd DEC.R 1894.

BAROMETER, WIND AND SEA.

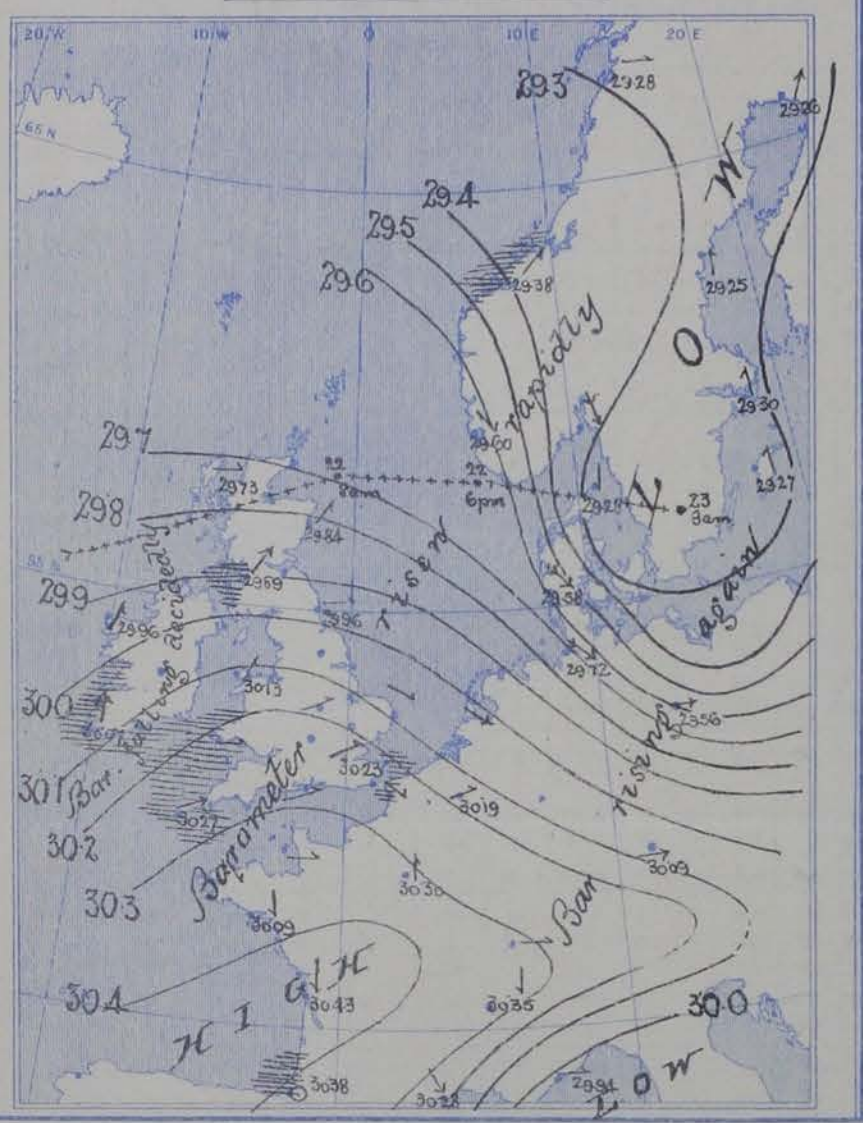
BAROMETER—Isobars are drawn for each tenth of an inch.

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 DECEMBER.

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	15·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·4	47·0	38·2	3·76	—	—
Jersey	29·985	42·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	32·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	43·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 in: and upwards over Spain, the southern parts of the Bay of Biscay and the west of France.
Lowest, 29·2 in: and less, in a depression over the south of Sweden.
Gradients rather steep over Denmark and North Germany, but moderate elsewhere
Barometer rising generally, but falling again in the west of Ireland.

TEMPERATURE

Highest, 55° at Lisbon, 50° at Scilly and Brest, 49° at Rochefort, and 48° at Valencia (Ireland), Pembroke, Jersey, and Lorient.
Lowest, (1) 28° at Boden, 32° at Haparanda, 34° at Hernösand, and 35° at Fraserburgh; (2) 38° at Paris and Munich, and 34° at Belfort.
The maxima registered over our Islands ranged in most cases between 46° and 50°; at Jersey, however, the thermometer rose to 52°.

WIND

Light to moderate from W. or SW. over the greater part of our Islands, but S. over the west of Ireland, and freshening at Valencia.
Strong to a gale from NW. in Denmark and the south of Norway; S. in Sweden.
Light to moderate from the N. or NW. in the west and south of France.

WEATHER

Fine over the greater part of our Islands and France, but dull on our extreme west and southwest coasts, with rain at Valencia (Ireland)
Cloudy or dull in Scandinavia, Denmark, and Germany, with rain at Skagen
Rain fell yesterday in all the more northern parts of the United Kingdom, as well as at most of the Continental stations, the largest amounts being 0·6 in: at Hernösand, and 0·5 in: at Aberdeen.

SEA

Rough at Biarritz and rather rough on our extreme southwest coasts, as well as at Cape Clear and Christiansund.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 24TH DEC: 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	At 9·35 am to districts 5, and 7 to 10 "Keep up South Cone"

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	28·71	43	41	SE	2	r	4
Sumburgh Head							
Stornoway	29·40	37	35	N	6	o	6
Aberdeen	28·98	39	34	NW	11	cqu	7
Shields							
Ardrossan	29·41	43	40	NW	6	c	6
Malin Head ...							
Belmullet							#
Holyhead	29·62	45	42	NW	9	cpqm	7

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·04	48	43	WNW	7	cq	6
Scilly	29·96	50	45	NW	7	bc	6
Jersey	29·84	49	44	WNW	7	bc	6
Hurst Castle ...	29·67	47	44	WNW	7	cq	5
Dungeness ...	29·51	47	44	WNW	7	bc	7
North Foreland	29·42	47	41	W	8	bc	6
London (Westminster)	29·51	48	41	W	6	cq	#
Yarmouth ...	29·16	46	42	W	8	rsq	4
Rochefort ...	30·04	49	48	NW	6	o	#

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

Weather in morning exceedingly rough and squally over the whole of Northwestern Europe, with rain over the northern parts of Great Britain, as well as in Denmark, the south of Norway, the Netherlands and the north of France, and with showers in many other places. Fine over southern Europe, but dull in all the northern, eastern, and central countries; snow falling over Northern Russia and also at Kiew, and a thunderstorm reported at Bodö. Weather improving later in the north of our Islands, but rain falling in most parts of northern and central Europe.

Temperature fallen in the west and north of our Islands, as well as in Germany and Italy, risen in most other countries. Morning readings highest 54° at Coruna, 52° at Palma and Malta, and as high as 50° in the Scilly and Channel Islands. Lowest -16° F. at Archangel, +12° at Hernösand, 13° at St Petersburg, and 15° at Kharkov; below the freezing point over Germany, Austria, and the central parts of France and Spain. Daily maxima above 45° in most parts of the United Kingdom; above 50° in the west and south of France, as well as in many parts of Spain and Italy. Ground frost occurring over Great Britain at night.

Wind blowing a gale from NW. on our western and northern coasts generally, but from N. in the extreme north of Scotland from W. over England, from SW. over the Netherlands and North Germany, and from S. in the south of Norway; gale very severe over the northern parts of Ireland and England; moderate to strong from the S^ds in Sweden, light from the same quarter in Russia. NE^3 or N^3 in Italy; variable over the Spanish Peninsula and the south of France. Gale subsiding later on our western and northern coasts, but continuing in the southeast of England, as well as in Holland and Germany.

Barometer highest 30·4 ins: and upwards over Portugal and Central Spain. Lowest 28·2 ins: in a very deep depression having its centre off the northeast of Scotland; gradients steep over Northwestern Europe generally, and exceptionally steep over the North Sea and northern parts of our Islands. Depression subsequently moving eastwards across the North Sea; barometer rising excessively fast in Scotland, but falling briskly over the northern parts of the Continent.

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 Monday, 24th December, 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																#			
	Christiansund ...																#			
	Skudesnaes ...																#			?
	Færder (Christiania Fjord)																#			
	Skagen (The Scaw)																#			
	Fanö														#		#			
	Sumburgh Head																#			
	Stornoway ...																			
	Wick																#			
	Nairn																#			
	Aberdeen ...																			
	Leith														#		#			
	Shields																#			
	Spurn Head ...																#			
	York	30·07	43	NEN	1	0	30·06	-·02	44	43	0	2	0	f	#	0	#	49	41	-
	Loughborough ...	30·13	43	SW	2	0	30·07	-·08	46	46	+ 6	SSE	2	0 q m	#	bc. c g d	#	47	38	0·04
British Islands.	Ardrossan ...	29·90	46	S	3	0	30·01	+·12	44	44	- 2	2	0	af	2	0	#	47	44	0·05
	Malin Head ...																#			
	Belmullet ...	29·75	50	SSW	4	0	30·11	+·15	49	47	+ 2	NNW	2	c	#	0	#	51	47	0·16
	Donaghadee ...	29·88	47	SSW	3	m q	30·02	-·02	47	47	+ 8	NNW	3	m	1	m	#	49	38	0·06
	Liverpool (Bidston)	30·04	44	SE	2	r	30·06	-·05	48	47	+ 3	SW	1	r	?	r	#	49	43	0·08
	Holyhead ...	29·96	47	S	5	r	30·04	-·09	50	49	+ 4	SW	2	d	1	r	#	50	44	0·26
	Parsonstown ...	29·81	48	W	0	0	30·11	+·01	48	47	+ 5	W	0	m	#	0	0·0	50	42	0·87
	Valencia ...	29·86	52	NNW	5	g m r	30·21	+·14	50	49	+ 2	NNW	3	o m	4	g m r	0·0	54	47	0·73
	Roche's Point ...	29·86	52	NNW	4	r	30·17	+·03	50	48	+ 1	NW	4	bc	4	r	#	53	48	0·55
	Pembroke (St. Ann's Hd.)	29·92	50	SW	6	r	30·10	-·01	50	50	+ 2	NW	4	o g	4	0	0·0	52	46	0·41
	Scilly	30·07	50	SSW	7	r	30·16	-·11	50	49	0	NNW	5	r	4	0 r	0·0	52	45	0·42
	Prawle Point ...	30·17	48	NNW	6	r	30·12	-·17	50	49	+ 5	NNW	3	c	2	r	#	51	43	0·28
	Jersey (St. Aubin's)	30·30	50	SSW	4	o g d m	30·15	-·19	51	50	+ 3	W	3	o m	3	o r m	#	51	47	0·48
	Hurst Castle ...	30·22	50	SSW	4	r	30·07	-·20	49	49	+ 5	W	1	o m	3	d m	#	49	43	0·16
	Dungeness ...	30·23	47	NNW	3	c	30·15	-·06	47	47	+ 9	SSW	5	o	4	bc. c	#	50	37	0·06
	North Foreland	30·24	45	W	1	bc	30·15	-·02	46	45	+ 6	S	3	o m	2	b. bc	#	47	39	0·03
	London (Brixton) ...	30·21	44	NNW	2	c	30·10	-·13	47	47	+ 10	S	3	o	#	bc. o r	0·0	49	37	0·07
	Oxford	30·15	43	SW	3	r	30·11	-·12	46	46	+ 8	S	2	o d	#	bc. r	#	47	38	0·16
	Cambridge ...	30·19	42	SW	1	c	30·10	-·08	46	46	+ 8	S	1	o	#	c	3·8	47	37	0·05
	Yarmouth ...	30·14	42	NNW	3	bc	30·12	+·05	45	44	+ 7	SSW	3	c g	4	bc	#	45	36	-
Germany & Holland.	Cuxhaven ...	30·03	41	W	4	bc	30·26	+·54	37	37	- 7	SW	2	b	#	bc	#	45	37	0·04
	Berlin	30·05	42	W	4	o	30·24	-·68	42	41	+ 1	W	3	o	#	o	#	43	41	0·04
	Wiesbaden ...	#	#	#	#	#	30·40			38		S	1	o	#	#	#	43	34	-
	Munich	30·39	33	SW	6	c	30·45	+·36	33	29	0	SW	4	S	#	c	#	34	30	0·04
	The Helder ...	?30·18	44	NNW	2	b	?30·23	+·24	44	43	- 1	SW	1	o	3	b	#	46	37	-
Belgium.	Brussels ...	#	#	#	#	#	30·31	+·12	41	39	+ 3	SSE	4	o	#	o	#	44	34	-
	Cape Gris Nez ...	30·21	47	W	3	c	30·12	-·04	44	44	+ 1	S	4	r	4	c	#	48	39	0·04
	Paris	30·39	41	SSW	2	c	30·36	+·06	40	39	+ 7	S	2	o	#	c	#	48	39	-
	Brest	?	50	NNW	3	r	?	?	50	50	0	NNW	4	r	4	r	#	52	48	0·39
	Lorient	30·35	52	NNW	5	o	30·18	-·21	51	50	+ 3	NW	4	o	4	o	#	52	45	0·20
France &	Rochefort ...	30·45	46	SSW	3	o	30·32	-·11	46	46	+ 2	S	4	r	#	o	#	50	44	0·12
	Belfort	?	36	W	1	c	?	?	34	33	0	W	1	bc	#	c	#	38	32	-
	Lyons	30·47	38	N	2	o	30·47	+·12	30	30	- 8	S	1	b	#	o	#	44	30	-
	Nice	30·14	44	Z	0	b	30·29	+·35	40	34	+ 1	E	2	b	2	b	#	52	37	-
	Perpignan ...	30·40	46	NW	4	b	30·84	+·06	42	37	- 5	NW	2	bc	#	b	#	52	40	-
	Biarritz ...																#			
Peninsula.	Corunna ...																#			
	Lisbon	30·41	52	NW	4	b	30·44	+·01	46	44	- 9	NNE	4	b	#	b	#	61	45	-
	Azores (P. Delgada)	30·52	57	ESE	3	bc	30·53	+·01	55	52	0	NNE	3	c	3	bc	#	61	52	-

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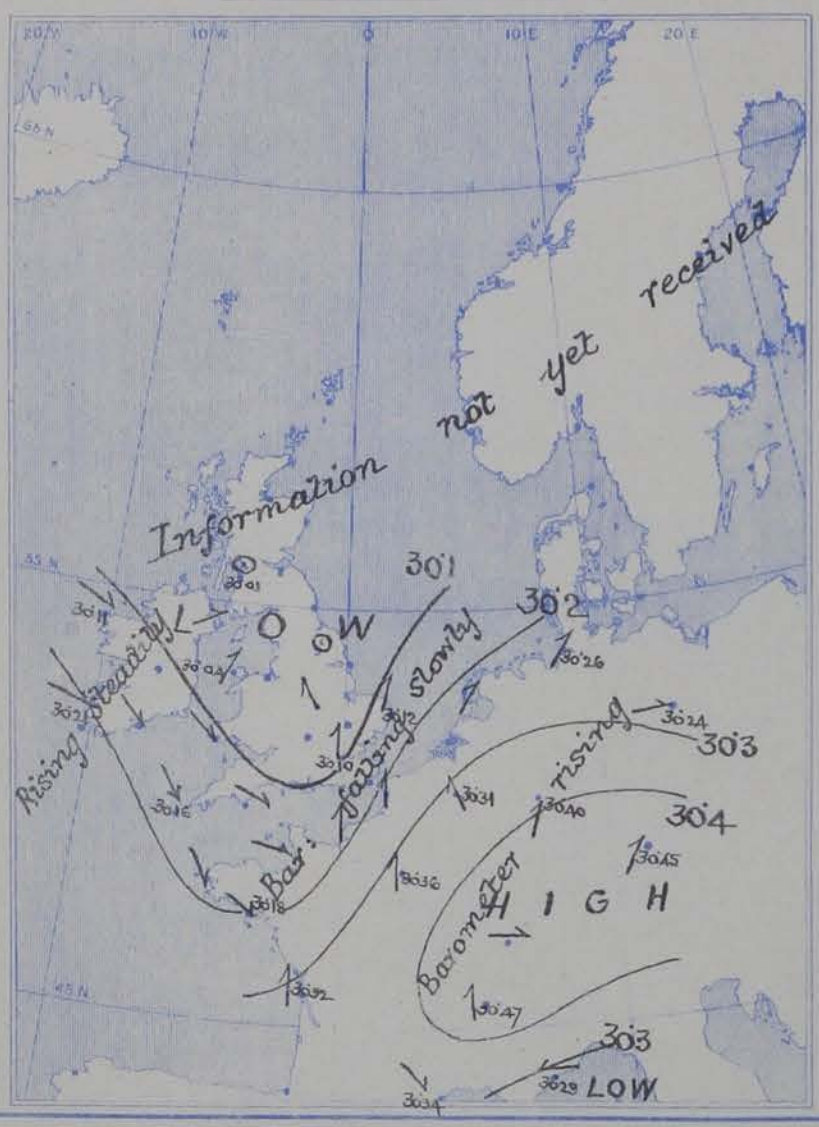
Force above 10 ⟶ ; Force 5 to 7 ⟶ ; Force 8 to 10 ⟶ ; Force 1 to 4 ⟶ ; Calm ⊙

SEA—Rough ; High



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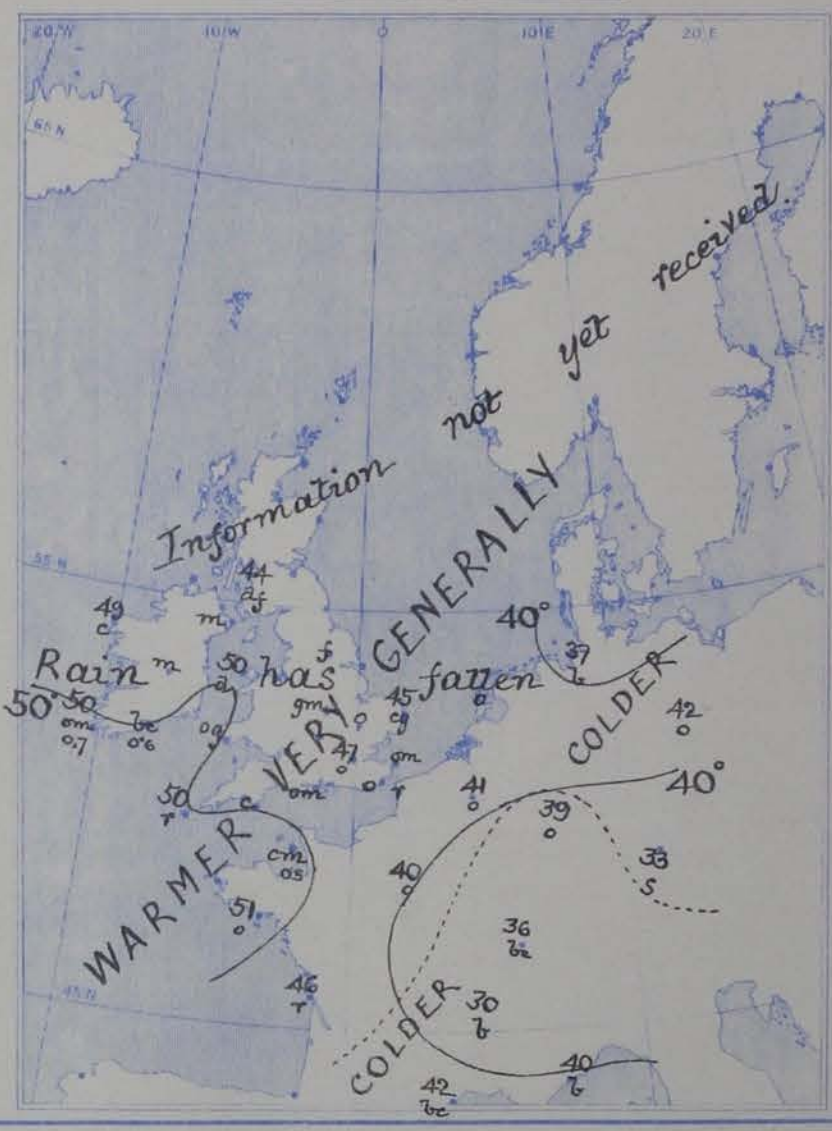
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



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

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
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Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·0	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·1	42·3	32·3	2·28	24·3	11
Loughborough	29·924	36·3	35·1	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	42·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	37·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·917	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 ins: and upwards over South Germany and the east and south of France.
Lowest, 30·1 ins: and less, over the north of Ireland and the central parts of England. [The reports from Scandinavia, Denmark, and the north of our Islands are all wanting].
Gradients slight. Barometer falling in the north and east of England and the west of France, but rising elsewhere.

TEMPERATURE

Highest, 51° at Jersey and Lorient, and 50° at Holyhead, Valencia (Ireland) Rockets Pembroke, Scilly, and Prawle Point.
Lowest 30° at Lyons, ~~Blackheath~~, 33° at Munich, 34° at Belfort, 37° at Cayhaven, and 39° at Wiesbaden.
The maxima registered yesterday were a little above 50° on many parts of our west and southwest coasts.

WIND

Light to moderate from the NW^ds on our southwest coasts, but S^ly over the eastern and central parts of England, the north and east of France and the Netherlands. E^ly in the extreme south of France.
SW^ly or W^ly over Germany.

WEATHER

Cloudy over Ireland, England, Germany, the Netherlands and the west and north of France, with rain in several places, and with snow at Munich. Fine in the south of France and also at Lisbon.
Since yesterday morning rain has fallen at all our eastern and southern stations, the largest amounts being 0·7 in at Valencia (Ireland), and 0·6 ins at Rockets Point.

SEA

Moderate or slight generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A shallow depression is moving eastwards across England. In its rear the wind will probably veer to the W^ds with a temporary improvement in the weather.

FORECASTS

For the 24 hours ending at NOON on 25TH DEC^R 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Our Northern Reports are again wanting. No detailed forecasts possible, but wind seems likely to veer to W. or NW. over England with a temporary improvement in the weather.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
↓ 5	ENGLAND SOUTH	
↓ 6	SCOTLAND WEST	Same as Nos 0 to 5
↓ 7	ENGLAND N.W.	
↓ 8	ENGLAND S.W.	
↓ 9	IRELAND NORTH	
↓ 10	IRELAND SOUTH	
	WARNINGS	The South Cone is still flying in districts 5 and 7 to 10.

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 N. 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 ...	29·78	45	43	NW	4	bc	3
Sumburgh Head							
Stornoway	29·76	45	44	WSW	2	c	2
Aberdeen							
Shields							
Ardrossan							
Malin Head ...							
Belmullet	29·73	48	46	WSW	4	0	#
Holyhead							
Valencia							
Scilly							
Jersey	30·35	49	48	WSW	4	0	3
Hurst Castle ...							
Dungeness ...	30·23	47	45	WSW	3	bc	2
North Foreland	30·23	47	43	W	2	b	2
London (Westminster)							#
Yarmouth ...							
Rochefort ...	30·47	48	45	SSW	2	c	#

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

Weather in morning fine and bright over Scotland, England and the north and west of France, as well as on the northeast coast of Spain and fair over the Peninsula generally. Very dull and unsettled elsewhere and rough over Scandinavia, the Baltic and Finland. A good deal of rain falling over Ireland later, and some at the English stations — (Reports from Scotland and Scandinavia not in yet)

Temperature fallen fast over England, France and the North Sea, risen over Germany, little changed elsewhere. Highest 59° to 50° on the southern side of the Mediterranean, 55° to 52° on the coast of Portugal, 50° to 46° on our southwest and west coasts, 50° at Brest. Lowest (1) 13°F. at Kharkov, 20° at Moscow, 22° at Archangel and below the freezing point over Russia, Poland and Hungary generally; (2) 37° in London, 38° over the south-Midland and eastern counties generally, as well as at Aberdeen. Rising later to between 50° and 53° over the western districts generally, and to 47° in London.

Wind (1) light from SE. (anticyclonic) over central Russia and from between W. and N. (anticyclonic) over the Iberian Peninsula, (2) NW. strong to a gale on the E. shores of the North Sea, S. strong to a gale, over the Baltic and Gulf of Finland, moderate over the Gulf of Bothnia, (3) W. moderate over St. Britain and the English Channel, but backing to S. in the west of Ireland and freshening. Blowing strongly from S. on our western coasts later, but soon moderating and veering to W.

Barometer Highest (1) 30·4 ins. and more over Spain and exceeding 30·1 ins. over France, the greater part of England and the S. of Ireland, (2) 30·2 ins. and more to 30·1 ins. over central Russia. Lowest below 29·3 ins. over Sweden generally (Yesterday depression filling up rapidly over the S. of Sweden) (2) below 29·9 ins. over Corsica, Sardinia and the southern half of Italy. Falling fast for a time over Ireland later — but the new depression not deep.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD
FROM THE 16TH TO 22ND DEC. 1894.

During the past week cyclonic disturbances continued to advance from the Atlantic towards our extreme north and northwest coasts. The weather was therefore exceedingly changeable, with frequent falls of rain, but with fairly long intervals of bright sunshine. At the close of the week a depression of unusual intensity travelled eastwards across Scotland and occasioned violent gales on nearly all our coasts.

At the commencement of the period a large area of low pressure accompanied by several secondary disturbances was passing away across Scandinavia and the North Sea, the wind in its rear shifting to the NW., with showery weather and with snow or sleet in Scotland.

On the 17th, however, a new depression began to appear off the north of Scotland, and in the course of the ensuing 48 hours this system travelled firstly in an easterly direction to the Norwegian coast and afterwards southwards across the eastern parts of the North Sea to Germany where it dispersed. The passage of the disturbance was accompanied by strong W. to NW. winds on all our coasts, with gales at some of the N. and NW. stations and by very changeable showery weather, with lightning in the southwest of England.

On the 21st a depression appeared off the west of Norway while at night a new disturbance of unusual intensity advanced across Scotland. In the centre of the latter system the barometer fell below 28·2 ins., a severe gale from the W. (SW. to NW) being experienced over the whole Kingdom, with heavy squalls of rain and hail. At the close of the week the disturbance was passing away E. across the North Sea and the barometer in the north was rising with exceptional rapidity, with moderating winds and improving weather.

The fluctuations in temperature during the week were very considerable, but upon the whole the weather was unusually mild for the time of year.

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 Tuesday 25th December, 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 ...	29·70	36	Z	0	b	29·69	+ ·31	14	14	− 5	Z	0	b	#	b	#	36	3	—
	Hernösand ...	29·89	31	Z	0	0	30·02	+ ·39	39	37	+ 5	Z	0	c	#	0	#	39	21	—
	Stockholm ...	30·06	34	Z	0	b	30·19	+ ·31	34	33	?	W	2	0	#	b	#	36	27	—
	Wisby														#		#			
	Bodo	29·60	38	WSW	6	m	29·65	+ ·39	39	36	+ 4	W	8	0	5	m	#	39	34	0·20
	Christiansund ...	29·92	45	WSW	8	r	30·12	+ ·42	44	43	+ 1	WSW	6	0	6	r	#	45	43	0·12
	Skudesnaes ...	30·15	46	S	2	0	30·26	+ ·27	45	44	+ 1	Z	0	f	2	0	#	46	43	?
	Færder (Christiania Fjord)	30·10	42	WSW	4	b	30·23	+ ·30	40	39	− 2	WSW	4	b	1	b	#	43	39	—
	Skagen (The Scaw)	30·15	42	W	2	bc	30·30	+ ·30	43	41	+ 1	W	1	0	0	bc	#	43	39	—
	Fano	30·29	42	SSW	3	0	30·34	+ ·21	43	43	+ 2	WSW	3	0	#	0	#	43	41	—
British Islands.	Sumburgh Head														#		#			
	Stornoway ...	29·98	42	W	1	b	30·12	+ ·19	49	49	+ 4	SW	3	0	3	b	1·5	49	39	0·02
	Wick	30·10	42	S	2	0	30·13	+ ·21	44	42	+ 4	S	2	c	1	0	#	46	36	—
	Nairn	30·10	43	Z	0	bc	30·19	+ ·23	48	47	+ 8	W	1	0	1	bc	#	48	36	—
	Aberdeen ...	30·14	40	W	2	bc	30·28	+ ·27	34	33	− 2	SW	1	bcm	1	bc	0·0	40	32	—
	Leith	30·16	44	Z	0	m	30·30		44	44		WSW	1	cm	#	m	#	46	39	0·01
	Shields	30·14	46	Z	0	0	30·36	+ ·33	42	41	0	WSW	2	c	2	0	#	46	38	—
	Spurn Head ...	30·14	48	WSW	3	cmg	30·40	+ ·34	45	44	0	W	2	cmg	2	cmg,f	#	48	43	—
	York	30·11	46	Z	0	f	30·42	+ ·36	42	42	− 2	W	1	b	#	f	#	46	41	0·01
	Loughborough ...	30·19	50	WSW	1	0	30·43	+ ·36	46	44	0	WNW	1	c	#	gmd,c,0	#	51	45	0·01
	Ardrossan ...	30·17	44	Z	0	0	30·34	+ ·33	49	49	+ 5	SW	3	cmp	3	0	0	49	43	0·02
	Malin Head ...														#		#			
	Belmullet ...	30·19	51	SW	2	0	30·44	+ ·33	50	47	+ 1	SW	2	0	#	0	0	52	47	0·03
	Donaghadee ...	30·20	47	SSW	3	bc	30·38	+ ·36	47	47	0	WNW	3	b	1	bc	#	48	42	—
	Liverpool (Bidston)	30·22	47	W	3	0	30·43	+ ·37	46	45	− 2	WSW	1	r	2	0	#	49	44	0·06
	Holyhead ...	30·25	49	W	3	rgm	30·43	+ ·39	50	49	0	W	1	ufy	1	rm	#	50	46	0·05
	Parsonstown ...	30·24	49	Z	0	m	30·46	+ ·35	51	50	+ 3	Z	0	or	#	m	0·0	52	46	0·05
	Valencia ...	30·31	52	WSW	2	cm	30·54	+ ·33	52	49	+ 2	WNW	2	crw	3	rcm	0·0	53	49	0·20
	Roche's Point ...	30·29	52	W	1	c	30·51	+ ·34	52	51	+ 2	NW	3	c	3	c	#	53	48	0·01
	Pembroke (St. Ann's Hd.)	30·27	50	NW	3	bc	30·45	+ ·35	50	50	0	NNW	2	cg	2	bc	0·0	51	48	0·02
	Scilly	30·29	52	W	4	fm	30·45	+ ·32	52	51	+ 2	NNW	4	c	4	c,fm	0·0	54	48	0·05
	Prawle Point ...	30·25	49	W	2	c	30·48	+ ·36	47	46	− 3	NNE	2	c	1	0	#	51	47	—
	Jersey (St Aubin's)	30·28	51	W	3	crm	30·46	+ ·31	51	49	0	NW	3	cgm	3	crm	#	53	49	0·05
	Hurst Castle ...	30·24	50	W	1	cg	30·46	+ ·39	47	46	− 2	NW	1	c	1	cg	#	51	43	—
	Dungeness ...	30·21	49	SSW	2	r	30·43	+ ·28	47	47	0	NNW	1	m	0	r,dz	#	49	46	0·05
	North Foreland	30·22	47	S	1	rm	30·44	+ ·29	47	46	+ 1	N	1	cw	2	rm	#	48	40	0·08
	London (Brixton) ...	30·24	49	WSW	1	cmr	30·47	+ ·37	47	46	0	NW	1	fgw	#	cgr,cf	0·0	50	45	0·05
	Oxford	30·27	48	SW	1	r	30·46	+ ·35	46	44	0	NW	1	cg	#	cg,r	#	50	46	0·01
	Cambridge ...	30·21	48	SSW	1	0	30·44	+ ·34	46	46	0	NW	1	0	#	0	0·0	49	45	0·01
	Yarmouth ...	30·17	46	SSW	2	cw	30·39	+ ·27	46	45	+ 1	W	1	f	3	cm	#	47	43	0·02
Germany & Holland.	Cuxhaven ...	30·26	42	SW	2	0	30·43	+ ·17	40	40	+ 3	SW	2	f	#	0	#	42	37	—
	Berlin	30·43	38	Z	0	0	30·51	+ ·27	37	35	− 5	Z	0	0	#	0	#	43	36	—
	Wiesbaden ...	*	*	*	*	*									#	#	#			
	Munich	30·46	18	SE	3	b	30·51	+ ·06	21	21	− 12	NE	4	b	#	b	#	36	21	—
	The Helder ...	30·29	44	SSW	2	f	30·41	+ ·18	43	43	− 1	SSW	1	f	1	f	#	45	39	0·04
France & Belgium.	Brussels ...	*	*	*	*	*	30·49	+ ·18	41	40	0	S	1	0	#	0	#	44	40	—
	Cape Gris Nez ...	30·18	45	S	4	f	30·38	+ ·26	46	46	+ 2	SW	1	f	1	f	—	48	41	0·12
	Paris	30·34	43	S	3	0	30·47	+ ·11	41	40	+ 1	ESE	1	0	#	0	#	44	40	—
	Brest	?	50	NNW	8	0	?	?	52	52	+ 2	NNE	1	f	2	0	#	52	49	0·04
	Lorient	30·33	51	NW	4	0	30·45	+ ·27	50	48	− 1	N	2	0	3	0	#	50	40	—
	Rochefort ...	30·34	46	S	6	r	30·43	+ ·11	45	45	− 1	E	1	f	#	r	=	48	43	0·24
	Belfort	?	34	E	1	b	?	?	28	26	− 6	E	1	b	#	b	#	39	28	—
	Lyons	30·44	33	SE	1	b	30·47	·00	27	26	− 3	N	1	b	#	b	#	40	26	—
	Nice	30·34	41	E	2	b	30·39	+ ·10	38	31	− 2	E	1	b	2	b	#	52	37	—
	Perpignan ...	30·37	45	NW	2	b	30·40	+ ·06	41	40	− 1	W	2	bc	#	b	#	53	40	—
	Biarritz ...	30·32	54	NW	4	f	30·36		54	52		NNW	5	r	5	f	#	54	50	0·32
Penin-sula.	Corunna ...														#		#			
	Lisbon														#		#			
	Azores (P. Delgada)	30·54	57	ESE	3	b	30·50	− ·03	57	55	+ 2	E	3	c	3	b	#	61	51	—

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

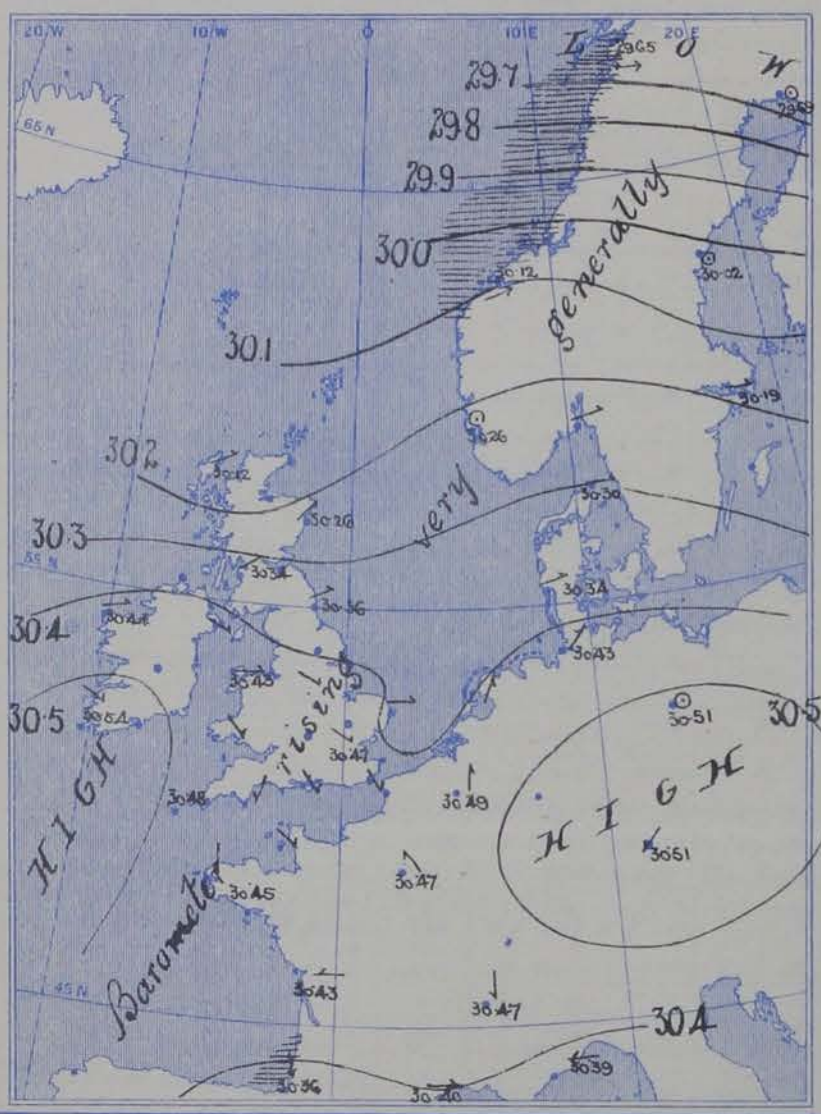
NOTE: *The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office Westminster*

WEATHER CHARTS

FOR TUESDAY, 25TH DEC. 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 DECEMBER.*

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 · 673	39 · 6	38 · 1	42 · 6	35 · 2	4 · 25	—	—
Stornoway	29 · 705	39 · 4	38 · 5	43 · 1	34 · 2	5 · 63	27 · 6	14
Wick	29 · 718	38 · 1	36 · 8	42 · 2	32 · 7	3 · 10	—	—
Nairn	29 · 743	37 · 1	35 · 6	41 · 9	32 · 8	1 · 95	—	—
Aberdeen	29 · 767	36 · 9	35 · 2	41 · 9	32 · 6	3 · 24	37 · 9	19
Leith	29 · 807	38 · 5	37 · 0	44 · 0	33 · 7	1 · 86	—	—
Shields	29 · 845	38 · 3	36 · 9	42 · 9	33 · 9	2 · 57	—	—
Spurn Head	29 · 873	38 · 8	37 · 7	42 · 4	35 · 3	2 · 14	—	—
York	29 · 890	36 · 4	35 · 4	42 · 3	32 · 3	2 · 28	24 · 5	11
Loughborough	29 · 924	36 · 3	35 · 4	42 · 7	32 · 2	2 · 24	—	—
Ardrossan	29 · 820	40 · 0	38 · 7	44 · 5	35 · 9	3 · 73	—	—
Donaghadee	29 · 848	40 · 2	39 · 3	45 · 8	36 · 2	2 · 84	—	—
Holyhead	29 · 879	42 · 8	41 · 1	46 · 4	39 · 1	3 · 82	—	—
Liverpool	29 · 895	38 · 8	37 · 1	43 · 5	35 · 6	2 · 59	—	—
Parsonstown	29 · 901	37 · 8	36 · 6	44 · 7	33 · 1	3 · 04	44 · 4	19
Valencia	29 · 905	44 · 6	42 · 4	49 · 7	40 · 0	5 · 99	45 · 1	19
Roche's Point	29 · 912	42 · 9	41 · 5	47 · 9	38 · 9	4 · 95	—	—
Pembroke	29 · 916	43 · 6	42 · 2	46 · 8	40 · 3	3 · 99	46 · 2	20
Scilly	29 · 951	47 · 0	45 · 1	49 · 5	43 · 4	4 · 02	—	—
Prawle Point	29 · 970	42 · 5	41 · 1	47 · 0	38 · 2	3 · 76	—	—
Jersey	29 · 985	43 · 1	41 · 4	47 · 3	39 · 3	3 · 82	57 · 1	23
Hurst Castle	29 · 958	40 · 6	39 · 8	45 · 6	36 · 3	2 · 78	—	—
Dover	29 · 953	39 · 8	38 · 6	44 · 3	35 · 9	3 · 00	—	—
LONDON	29 · 954	37 · 8	36 · 7	44 · 0	33 · 9	2 · 10	19 · 4	8
Oxford	29 · 955	37 · 0	35 · 9	42 · 9	33 · 5	2 · 10	37 · 4	16
Cambridge	29 · 941	36 · 2	35 · 5	42 · 8	31 · 6	1 · 88	39 · 3	17
Yarmouth	29 · 916	37 · 9	37 · 0	41 · 9	33 · 7	2 · 66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·5 ins. and more over Central Europe, and also off our southwestern coast, and exceeding 30·3 ins. over the whole of Ireland, England, France, Germany, Denmark, and the southern half of the North Sea.
Lowest, 29·7 ins. and less. over Lapland.
Gradients very slight over the southern half of our area, slight to moderate elsewhere.
Barometer rising except over the northern parts of Europe.

TEMPERATURE

Highest, 52° to 50° at our extreme southwestern stations, and on the coasts of Brittany, 49° at Stornoway and Androssan.
Lowest, (1) 14° at Haparanda, 24° at Carlstad, 34° at Stockholm; (2) 21° at Munich, 27° at Lyons, 28° at Brefort; (3) 34° at Aberdeen.
Very high generally for the time of year and not inclined to change.

WIND

(1) WSW, strong to a gale, over the northern parts of Scandinavia.
(2.) W and WSW, and light over all the northern parts of our Islands; N very light in the south, NW in the southwest; N to E light over the Bay of Biscay.
(3.) Very light and anticyclonic over Central Europe.

WEATHER

(1) Clear and bright in Sweden, fair, but dull over Central Europe, clear in the south of France and East of Scotland.
(2) Very dull over England and Ireland with thick damp fog over our southeastern counties, slight rain in some other places. Fog at several of the Continental stations also.
Very slight rain has fallen over our Islands generally.

SEA

Moderate at Scilly, slight or smooth Elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 26TH DEC. 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.
Skudesnaes ...							
Sumburgh Head							
Stornoway	30·03	46	46	W	1	o	1
Aberdeen							
Shields	30·07	44	42	SW	3	c	2
Ardrossan	30·08	46	46	Z	o	fd	o
Malin Head ...							
Belmullet	30·14	49	49	SW	2	od	#
Holyhead	30·15	49	?	W	3	dg	2
Valencia	30·24	53	53	WSW	2	rm	4
Scilly	30·25	52	51	NW	5	c	4
Jersey	30·23	52	51	W	3	c	3
Hurst Castle ...							
Dungeness ...	30·16	48	48	SSW	5	r	4
North Foreland	30·18	47	46	S	2	r	3
London (Westminster)	30·15	51	50	NW	1	ogm	#
Yarmouth ...	30·13	47	46	SSW	3	em	3
Rochefort ...	30·32	46	46	SSW	6	r	#

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

Weather in morning fine and bright over Sweden and Denmark, as well as over the southern parts of Spain and France, and the greater part of the Mediterranean — very dull and unsettled elsewhere, with fog and rain in many parts of the United Kingdom and north of France, snow in the north of Russia and several parts of Central Europe. Slight rain falling later over the British Islands generally, and gloomy weather continuing general during the day

Temperature in morning 57° at Algiers, 50° at Tunis; 51° to 50° on the northwest coasts of France and the southwestern and western coasts of the British Isles, 47° in London. Lowest (1) 14° at Moscow, 20° at Kharkov, 24° to 28° over southern Russia generally; (2) 19° at Haparanda, 23° at Archangel, 30° at Karlstad; (3) 36° at Aberdeen, 42° at Shields. Very little change later.

Wind (1) light and anticyclonic over the central parts of Spain, France, Germany, and Russia; (2) blowing very strongly from WSW in the north of Norway, and ranging between SW. and NW. over the northwestern and northern countries generally — but moderate in force; (2) NE to N over the Adriatic, Italy, and the eastern part of the Mediterranean, and blowing a gale at Genoa and Rome. Backing to SW. in Ireland later, but remaining moderate.

Barometer highest 30·4 ins. and more to 30·2 ins. over Spain, the Bay of Biscay, France, and Western Germany, and exceeding 30·2 ins. over Central Russia also — the two regions being joined by a "col". Lowest (1) 29·3 ins. and less, over the west of Lapland; (2) below 29·9 ins. over the southeastern parts of the Mediterranean. Rising later over our Islands and their neighbourhood.

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, 26th December, 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 ...	29·93	20	N	2	b	29·56	-·13	23	23	+ 9	SSW	4	S	*	b	*	28	1	0·04
	Hernösand ...	30·08	37	NE	0	0	29·61	-·41	34	32	- 5	S	6	c	*	0	*	43	30	-
	Stockholm ...	30·23	37	W	2	0	29·91	-·28	41	40	+ 7	SW	2	0	*	0	*	37	32	-
	Wisby	30·33	40	NW	4	0	30·06		42	41		SW	6	0	*	0	*	42	36	-
	Bodö	29·84	38	E	2	b	29·15	-·50	39	36	0	SSW	6	0	4	b	*	39	25	0·16
	Christiansund ...	29·81	43	WSW	8	r	29·57	-·55	43	41	- 1	WSW	9	r	6	r	*	45	43	1·10
	Skudesnaes ...	30·27	45	SSE	4	r	29·99	-·27	47	46	+ 2	SW	4	r	3	r	*	47	45	?
	Færder (Christiania Fjord)	30·20	40	W	3	c	29·89	-·34	44	43	+ 4	WSW	8	b	4	c	*	?	39	0·39
	Skagen (The Scaw)	30·30	43	W	2	m	30·06	-·24	45	44	+ 2	SW	4	m	0	m	*	45	41	-
	Fanö	30·42	43	WSW	3	0	30·31	-·03	44	43	+ 1	WSW	4	0	*	0	*	45	43	-
British Islands.	Sumburgh Head																*			
	Stornoway ...	30·18	51	SW	4	0	30·26	+·14	42	40	- 7	NNW	4	bcq	3	0	0·6	51	40	0·17
	Wick	30·17	49	W	2	b	30·13	·00	41	40	- 3	NW	4	bc	1	b	*	55	40	0·09
	Nairn	30·23	50	WSW	3	bc	30·23	+·04	45	42	- 3	NW	3	bc	2	bc	*	54	42	0·05
	Aberdeen ...	30·26	35	SW	2	bn	30·25	-·03	46	43	+ 12	NW	5	cqp	2	o,bn	0·3	53	34	0·02
	Leith	30·37	48	WSW	2	0	30·29	-·01	49	48	+ 5	WSW	3	0	*	0	*	51	41	-
	Shields	30·41	48	WSW	2	c	30·36	·00	46	44	+ 4	WSW	3	c	2	c	*	51	39	-
	Spurn Head ...	30·46	46	SSW	2	oqm	30·42	+·02	46	44	+ 1	W	3	oqm	2	oqm	*	47	44	-
	York	30·46	45	SSW	1	b	30·45	+·03	47	44	+ 5	WNW	1	bc	*	b	*	49	40	-
	Loughborough ...	30·51	47	SW	2	0	30·49	+·06	47	45	+ 1	NW	3	oqm	*	c,omq	*	49	45	-
	Ardrossan ...	30·43	50	WSW	3	0	30·39	+·05	47	47	- 2	W	4	cp	3	opp	*	51	47	0·02
	Malin Head ...																*			
	Belmullet ...	30·51	50	SW	2	0	30·59	+·15	47	45	- 3	NW	2	0	*	0	*	50	45	0·03
	Donaghadee ...	30·50	49	WSW	3	m	30·44	+·06	48	47	+ 1	WSW	4	bc	2	m	*	51	44	0·01
	Liverpool (Bidston)	30·51	48	WSW	3	0	30·51	+·08	46	45	0	W	4	c	3	0	*	49	45	0·05
	Holyhead ...	30·50	50	W	3	oqmpa	30·52	+·09	49	47	- 1	W	4	cq	3	oqpa	*	51	47	0·01
	Parsonstown ...	30·57	49	SW	1	o	30·56	+·10	48	47	- 3	W	1	o	*	o	0·0	52	47	-
	Valencia ...	30·62	51	W	1	om	30·64	+·10	50	49	- 2	WNW	1	o	3	om	0·0	52	48	0·01
	Roche's Point ...	30·63	51	NW	3	c	30·63	+·12	49	48	- 3	NW	2	c	3	c	*	52	48	-
	Pembroke (St. Ann's Hd.)	30·56	50	NNW	2	o	30·56	+·11	48	46	- 2	NW	3	oq	2	o	0·4	51	47	-
	Scilly	30·57	51	N	4	o	30·61	+·13	49	47	- 3	N	4	c	4	o	0·3	53	47	0·01
	Prawle Point ...	30·58	50	NNE	1	o	30·58	+·10	46	45	- 1	WNW	1	o	o	o,d	*	54	45	0·04
	Jersey (St. Anbn's)	30·57	50	NNW	2	bcm	30·61	+·15	48	46	- 3	NNW	2	om	2	c,bcm	*	53	46	-
	Hurst Castle ...	30·56	48	NNE	1	o	30·56	+·10	47	47	0	WSW	1	oq	1	o	*	50	46	-
	Dungeness ...	30·52	48	NNE	1	o	30·53	+·10	44	44	- 3	W	1	c	1	m.o.f	*	49	43	-
	North Foreland	30·55	46	N	1	f	30·52	+·08	44	43	- 3	W	2	om	2	o.f	*	47	42	-
	London (Brixton) ...	30·55	46	W	1	om	30·53	+·06	45	45	- 2	W	1	o	*	gmf.om	0·0	51	44	-
	Oxford	30·58	47	SW	1	o	30·54	+·08	46	45	0	WSW	2	oq	*	oq	*	49	45	-
	Cambridge ...	30·54	45	N	0	0	30·50	+·06	47	46	+ 1	SW	1	o	*	o	0·0	48	44	0·01
	Yarmouth ...	30·48	46	NNW	1	f	30·46	+·07	46	45	0	WSW	2	bcf	2	f	*	47	43	-
Germany & Holland.	Cuxhaven ...	30·59	42	SW	2	o	30·45	+·02	42	42	+ 2	WSW	2	f	*	o	*	43	39	0·04
	Berlin	30·58	36	WSW	3	b	30·52	+·01	34	33	- 3	W	3	c	*	b	*	43	32	-
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich	30·62	26	E	5	o	30·63	+·12	22	22	+ 1	SE	2	f	*	o	*	27	21	-
	The Helder ...	30·53	44	W	1	f	30·47	+·06	45	44	+ 2	SW	1	o	1	f	*	45	43	0·04
Belgium.	Brussels ...	*	*	*	*	*	30·59	+·10	42	42	+ 1	SSW	1	f	*	o	*	45	41	-
	Cape Gris Nez ...	30·50	47	W	0	f	30·49	+·11	46	46	0	W	0	f	0	f	*	46	45	-
	Paris	30·58	42	S	1	o	30·61	+·14	34	34	- 7	S	1	o	*	o	*	44	32	-
	Brest	?	51	ENE	1	c	?	?	49	47	- 3	NNE	2	o	3	c	*	52	46	-
	Lorient	30·55	50	NNE	3	o	30·60	+·15	49	46	- 1	ENE	1	o	3	o	*	52	46	-
France &	Rochefort ...	30·51	47	E	3	o	30·56	+·13	41	40	- 4	ENE	3	b	*	o	*	50	39	-
	Belfort	?	29	ENE	3	b	?	?	27	26	- 1	ENE	2	m	*	b	*	33	26	-
	Lyons	30·59	31	N	1	b	30·63	+·16	24	24	- 3	N	1	f	*	b	*	37	23	-
	Nice	30·41	41	E	1	b	30·44	+·05	39	?	+ 1	E	1	b	1	b	*	52	37	-
	Perpignan ...	30·48	40	SE	1	b	30·49	+·09	32	32	- 9	SW	2	b	*	b	*	52	32	-
	Biarritz ...	30·42	50	E	3	o	30·53	+·17	44	43	- 8	E	2	o	2	o	*	54	43	0·04
Peninsula.	Corunna ...																*			
	Lisbon	30·33	56	N	3	b	30·33		50	48		NNE	3	o	*	b	*	61	48	-
	Azores (P. Delgada)	30·60	58	ENE	4	c	30·49	-·01	57	54	0	NE	5	c	4	c	*	68	55	-

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

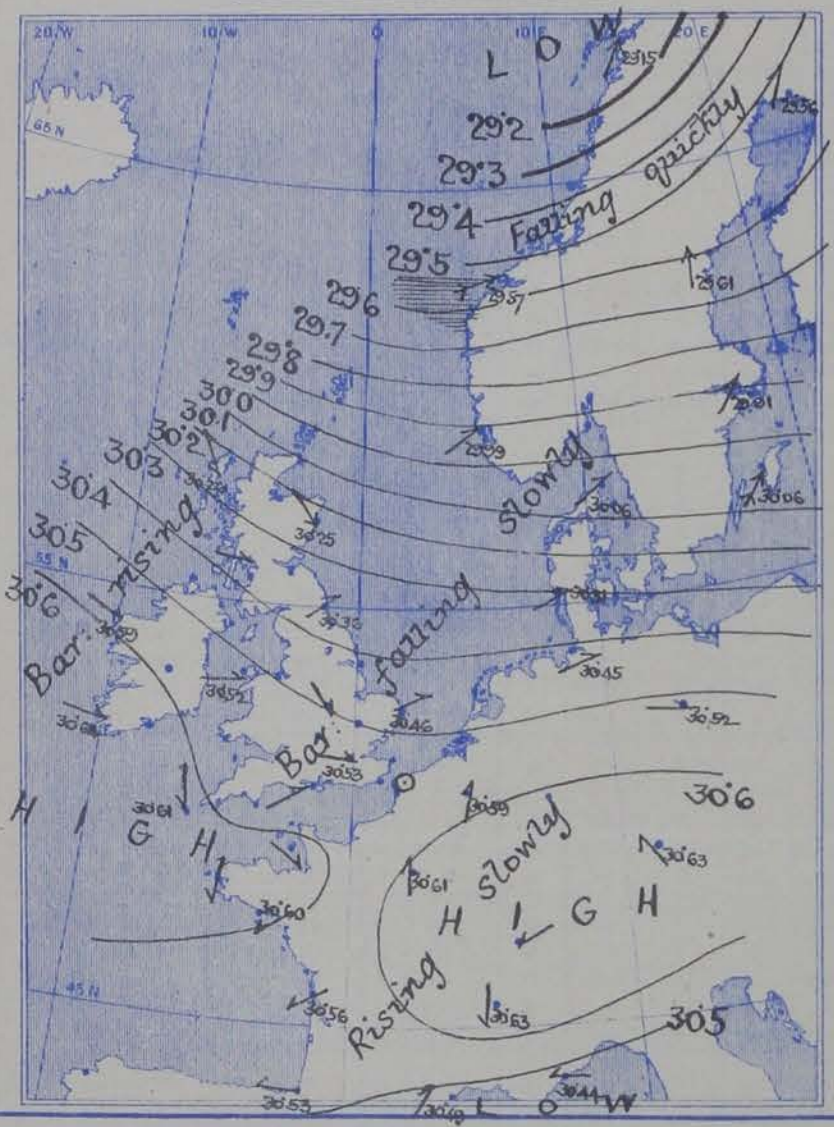
FOR WEDNESDAY. 26TH DECEMBER 1894.

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* ⟶ ; }

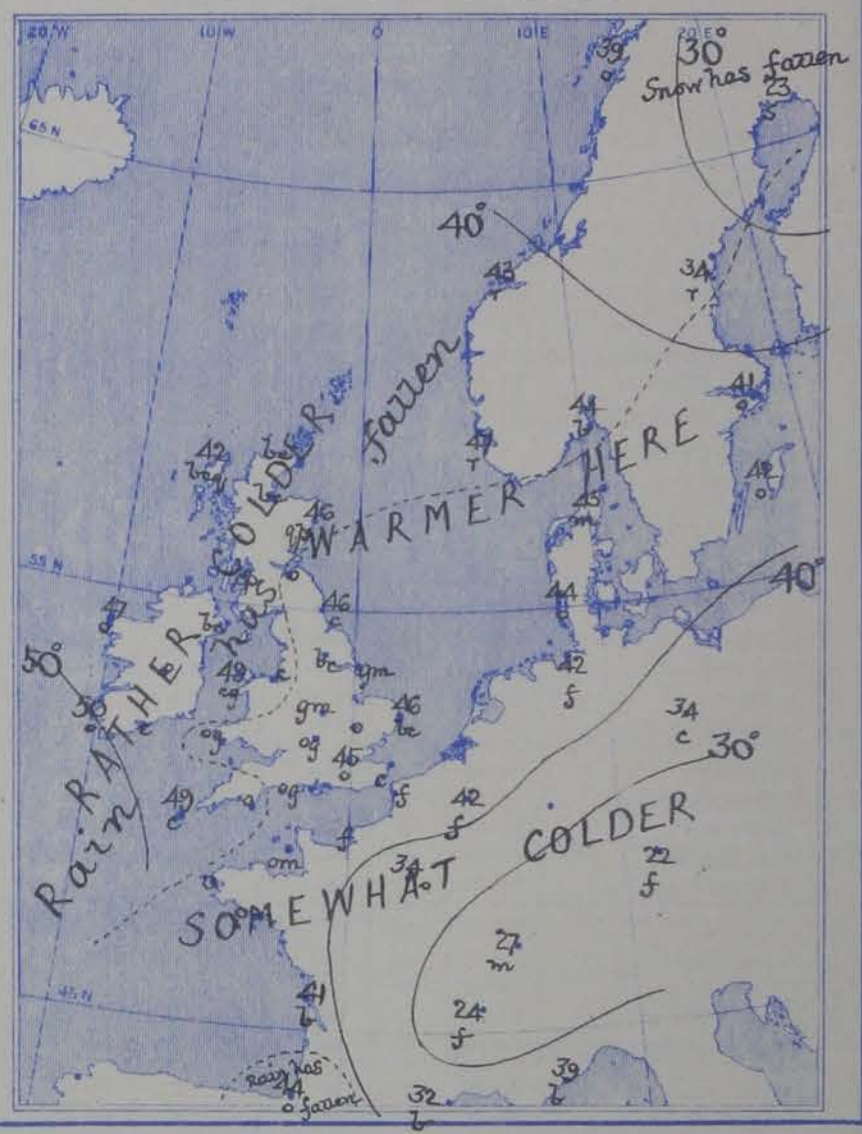
SEA—Rough ▤ ; *High* ▩



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 DECEMBER.

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57		
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14		
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	42·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66		—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·6 in: and more over South Germany, France, the mouth of the Channel, and the southwestern half of Ireland.
Lowest, 29·2 in: and less, over the west of Lapland.
Gradients rather steep over Scandinavia, Denmark, and the North Sea, slight over Ireland, England, France, and Germany.
Barometer rising in the northwest, falling in the east and over Norway and Sweden.

TEMPERATURE

Highest, 50° at Valencia (Ireland) and above 45° over the greater part of our Islands, the Channel, and north of France.
Lowest, (1) 23° at Haparanda, 34° at Hernösand; (2) 22° at Munich, 24° at Lyons, 34° at Paris and Berlin.
It is very high for the time of year at our more stations, but shows some tendency to fall.

WIND

(1.) NW to W. and fresh, over Scotland, W to S. strong to a gale over Scandinavia, moderate over Denmark
(2) NW. light over Ireland, W over England, nearly calm over the Channel, NE to E. light over the Bay of Biscay and west of France.

WEATHER

Dull over Scandinavia, with rain in several places, snow at Haparanda; fair over Scotland, very dull over Ireland and England, with fog or haze in many places (especially in the southeast) clear and bright in the south of France.
Heavy rain has fallen over Norway, small quantities on our north and northwest coasts, and slight showers at a few stations in England.

SEA

Rough on the northwest coast of Norway, slight to smooth on our coasts as a whole, but moderate at Scilly.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is no indication of any great change at present, beyond some further increase of temperature.

FORECASTS

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

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW to W winds; fair generally, cold tonight.
1	SCOTLAND EAST	
2	ENGLAND N.E.	W breezes, light; fair.
3	ENGLAND EAST	Same as No 5.
4	MIDLAND COUNTIES	Same as No 2.
5	ENGLAND SOUTH	Calms and Variable airs; foggy, dull, damp.
6	SCOTLAND WEST	Same as No 0 & 1.
7	ENGLAND N.W.	Wind backing somewhat – light at first, with fair weather, then freshening.
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	? 30·51	45	44	2	0	c	2
Sumburgh Head							
Stornoway	30·18	51	51	NSW	3	o	3
Aberdeen							
Shields							
Ardrossan	30·40	51	50	NSW	3	o	3
Malin Head ...							
Belmullet	30·50	50	49	SW	2	o	*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	30·52	53	50	N	3	c	3
Hurst Castle ...	30·52	50	48	NW	1	om	4
Dungeness ...	30·49	49	49	N	1	m	0
North Foreland	30·55	46	46	N	1	0	2
London (Westminster)							*
Yarmouth ...							
Rochefort ...	30·46	48	45	E	1	m	*

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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DAILY WEATHER REPORT

for 8 a.m. on Thursday 27th Dec.r 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.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	28·85	31	SW	4	b	28·78	— ·78	15	14	— 8	L	0	b	*	b	*	34	10	0·28
	Hernösand ...	29·30	36	SW	6	b	29·01	— ·60	32	30	— 2	SW	8	b	*	b	*	41	32	—
	Stockholm ...	29·56	41	SW	4	b	29·49	— ·42	33	29	— 8	W	6	b	*	b	*	46	33	—
	Wisby	29·73	44	SW	8	bc	29·67	— ·39	37	32	— 5	NNW	9	b	*	bc	*	45	37	—
	Bodö	? 28·84	29	SW.	7	s	29·00	— ·15	33	29	— 6	S	2	b	1	s	*	39	27	—
	Christiansund ...	29·55	31	WNW	9	s	29·50	— ·07	37	36	— 6	WNW	9	s	8	s	*	39	28	0·47
	Skudesnaes ...	? 30·01	39	WNW	9	c	? 29·95	— ·04	35	33	— 12	NNW	8	c	5	r, c	*	47	34	?
	Færder (Christiania Fjord)	29·74	42	WSW	8	b	29·74	— ·15	38	33	— 6	SSE	6	b	3	b	*	45	37	—
	Skagen (The Scaw)	29·90	41	W	4	bc	29·85	— ·21	39	37	— 6	WNW	3	o	1	bc	*	46	37	—
	Fanö	30·19	42	NW	4	o	30·13	— ·18	41	39	— 3	W	6	bc	*	o	*	48	41	0·04
British Islands.	Sumburgh Head	30·08	40	WNW	9	o	30·26		35	33		N	7	osp	7	op, o	*	43	34	0·17
	Stornoway ...	30·42	42	NW	3	b	30·54	+ ·28	44	42	+ 2	NNW	5	bcpq	4	bhp, b	4·5	44	37	0·14
	Wick	30·30	39	NW	4	o	30·41	+ ·28	38	37	— 3	NW	6	cw	5	o	*	44	35	0·04
	Nairn	30·41	41	NNW	3	r	30·50	+ ·27	42	39	— 3	NW	2	c	2	r	*	45	38	0·02
	Aberdeen ...	30·41	40	WNW	4	bq	30·47	+ ·22	39	37	— 7	NW	5	cq	3	bcq, p	1·8	46	38	0·03
	Leith	30·48	40	WSW	1	b	30·54	+ ·25	40	37	— 9	W	3	bc	*	b	*	50	37	—
	Shields	30·49	47	WNW	3	c	30·52	+ ·16	37	36	— 9	W	3	c	2	c	*	49	33	—
	Spurn Head ...	30·45	45	N	3	o	30·53	+ ·11	39	37	— 7	WNW	4	b	3	r, o, c	*	47	37	0·02
	York	30·56	44	NW	2	o	30·59	+ ·14	36	34	— 11	NNW	1	b	*	o	*	50	32	—
	Loughborough ...	30·48	46	WNW	3	r	30·61	+ ·12	36	35	— 11	WNW	2	b	*	cg, r, o, b	*	48	33	0·04
	Ardrossan ...	30·53	45	W	4	c	30·64	+ ·22	48	42	— 4	NW	4	c	2	c	*	47	42	0·02
	Malin Head ...	30·59	45	NW	6	op	30·69		46	43		NW	6	o	4	op	*	46	43	—
	Belmullet ...	30·75	45	NW	3	o	30·87	+ ·28	45	43	— 2	NW	2	bc	*	o	*	48	43	0·03
	Donaghadee ...	30·59	45	NNW	5	bc	30·69	+ ·25	42	41	— 6	NW	6	c	4	bc	*	48	37	0·01
	Liverpool (Bidston)	30·57	44	NW	4	c	30·68	+ ·17	43	40	— 3	WNW	4	b	4	c	*	48	41	0·04
	Holyhead ...	30·58	46	N	6	opq	30·70	+ ·18	45	43	— 4	NW	7	c	5	ogpa	*	49	43	0·05
	Parsonstown ...	30·70	41	W	1	o	30·83	+ ·27	34	33	— 14	L	0	b	*	o	0·0	49	33	0·04
	Valencia ...	30·74	47	NNE	4	c	30·89	+ ·25	44	41	— 6	NNE	1	om	2	om, c	0·0	51	41	0·01
	Roche's Point ..	30·69	48	NNE	4	c	30·88	+ ·25	41	39	— 8	NNW	3	b	3	c	*	50	38	—
	Pembroke (St. Ann's Hd.)	30·57	47	NW	4	o	30·74	+ ·18	46	44	— 2	NNE	4	c	2	o	0·0	49	43	0·03
	Scilly	30·58	48	NNW	4	o	30·72	+ ·11	48	44	— 1	NNE	5	c	4	f, o	0·6	50	44	—
	Prawle Point ...	30·57	46	WNW	2	o	30·70	+ ·12	38	36	— 8	NNW	3	b	2	o	*	47	36	0·10
	Jersey (St. Aubin's)	30·56	50	WNW	2	om	30·62	+ ·01	46	43	— 2	N	4	cgm	3	o, p	*	51	45	0·03
	Hurst Castle ...	30·53	46	NW	1	og	30·67	+ ·11	36	35	— 12	NNW	2	bm	1	og	*	48	35	0·05
	Dungeness ...	30·47	45	NW	1	og	30·57	+ ·04	35	35	— 9	NNW	2	b	1	o	*	47	34	0·03
	North Foreland	30·47	45	NW	3	rm	30·56	+ ·04	39	37	— 5	N	3	b	3	rm	*	47	38	—
	London (Brixton) ...	30·51	45	NNW	1	om	30·61	+ ·08	37	35	— 8	NW	2	b	*	ogm, or, b	0·0	48	36	0·09
	Oxford	30·53	44	W	2	r	30·65	+ ·11	35	34	— 11	NW	1	b	*	o, r	*	46	34	0·06
	Cambridge ...	30·48	46	NW	1	r	30·60	+ ·10	33	32	— 14	NW	2	b	*	r	0·0	47	31	0·09
	Yarmouth ...	30·41	47	WNW	2	cd	30·52	+ ·06	36	35	— 10	WNW	3	b	2	bm, cd	*	47	34	0·01
Germany & Holland.	Cuxhaven ...	30·31	41	W	3	r	30·22	— ·23	40	39	— 2	WNW	3	c	*	r	*	44	38	0·08
	Berlin	30·31	37	SW	2	r	30·18	— ·34	39	38	+ 5	W	2	o	*	r	*	41	34	0·08
	Wiesbaden ...	*	*	*	*	*	30·36		33	32		L	0	o	*	*	*	34	32	0·08
	Munich	30·49	21	L	0	o	30·38	— ·25	20	20	— 2	NW	4	o	*	o	*	23	19	—
	The Helder ...	30·37	45	NNW	4	r	30·43	— ·04	43	42	— 2	NW	5	b	3	r	*	46	41	0·04
Belgium.	Brussels ...	*	*	*	*	*	30·49	— ·10	39	37	— 3	N	1	b	*	r	*	43	38	0·16
	Cape Gris Nez ...	30·42	46	W	1	f	30·49	·00	42	41	— 4	N	4	bc	4	f	*	48	39	0·17
	Paris	30·53	41	S	2	o	30·45	— ·16	43	43	+ 9	NW	2	o	*	o	*	?	?	0·08
	Brest	?	49	N	1	o	?	?	45	44	— 4	ENE	3	o	2	o	*	52	43	0·08
	Lorient	30·56	49	NW	3	o	30·56	— ·04	48	45	— 1	NNE	5	c	4	o	*	50	43	—
France &	Rochefort ...	30·54	43	ENE	4	b	30·49	— ·07	46	46	+ 5	NNE	3	o	*	b	*	50	41	—
	Belfort	?	27	E	2	m	?	?	27	27	0	W	3	m	*	m	*	28	24	—
	Lyons	30·62	26	NNW	1	f	30·49	— ·14	26	25	+ 2	E	1	f	*	f	*	27	24	—
	Nice	30·37	42	L	0	b	30·26	— ·18	38	31	— 1	E	1	c	2	b	*	52	37	—
	Perpignan ...	30·41	46	NW	3	b	30·34	— ·15	40	37	+ 8	W	3	b	*	b	*	56	32	—
	Biarritz ...	30·48	49	NW	3	o	30·46	— ·07	39	37	— 5	ENE	3	b	2	o	*	52	39	—
Penin-sula.	Corunna ...																*			
	Lisbon	30·34	52	NE	5	b	30·36	+ ·03	45	43	— 5	NNE	5	b	*	b	*	51	45	—
	Azores (P. Delgada)	30·49	58	NE	5	b	30·50	+ ·01	57	54	0	NE	4	c	3	b	*	61	54	—

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, 27TH DEC. 1894.

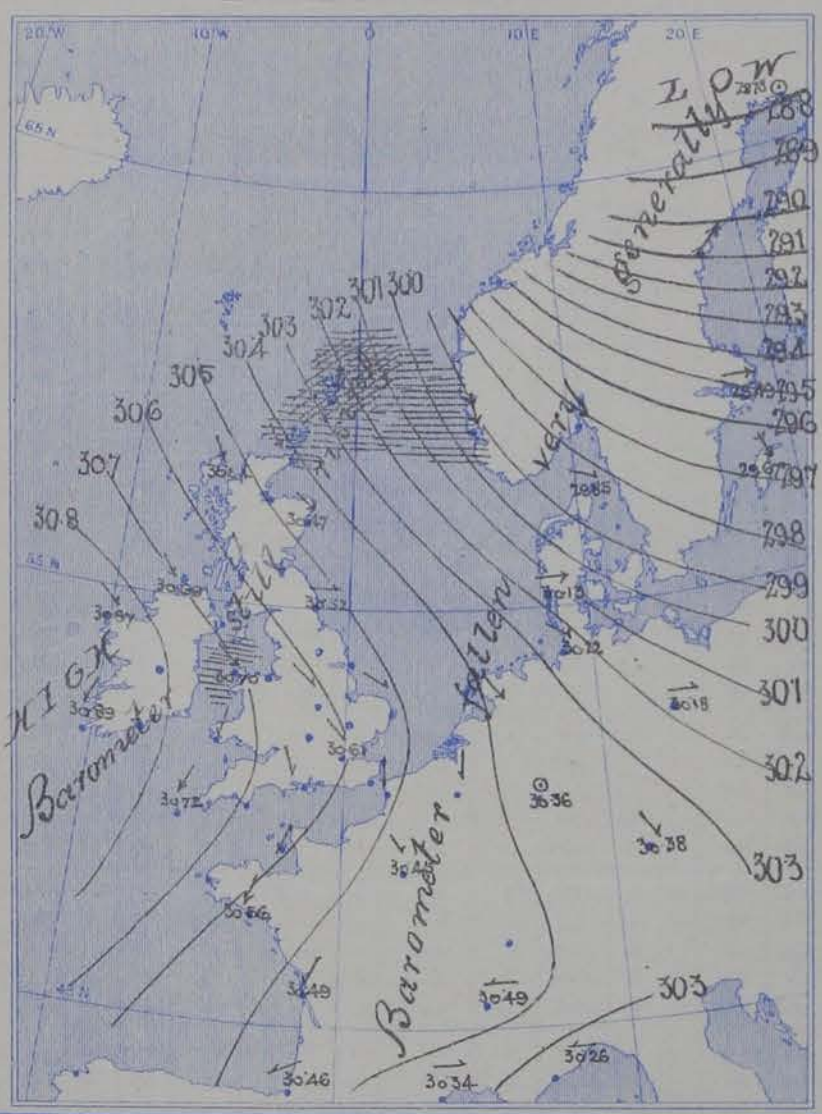
BAROMETER, WIND AND SEA.

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 DECEMBER.

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	42·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.9ins. in the extreme west of Ireland and exceeding 30.4 ins. over the whole of the United Kingdom, France and the greater part of Spain.
Lowest. Below 28.8ins in a depression having its centre over Lapland.
Gradients steep over Scandinavia, the Baltic and the northern and eastern parts of the North Sea.
Barometer still rising over the United Kingdom, falling over the Baltic.

TEMPERATURE

Highest 48° at Lorient and Scilly, 46° at Jersey and Pembroke, 44° at Stornoway.
Lowest (1) 15° at Haparanda, 32° at Hernösand, 33° at Stockholm; (2) 35° to 37° over the inland parts of England.
It had fallen decidedly over our Islands during the night, and frost had occurred on the grass.

WIND

(1) N.W.$^{\frac{3}{4}}$ and NW.$^{\frac{3}{4}}$ and strong at our northern and northwestern stations — a gale at Wick and Sumburgh Head — and a strong gale at some of the Scandinavian stations.
(2) N.W.$^{\frac{3}{4}}$, and moderate, at our southern stations, and NE.$^{\frac{1}{4}}$, fresh, over the Bay of Biscay.
The gale had been strong at Wick and Sumburgh Head during the night.

WEATHER

Squally, with sleet and rain showers at our most northern stations, fine and bright elsewhere.
Slight rain had fallen in all parts of our Islands and the north of France, snow at the northern stations and over some parts of Germany.

SEA

High in the far north, slight in the east, moderate in the southwest and south.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The wind seems likely to freshen from NE. and N. over the Bay of Biscay and the Channel, but the strong NW.$^{\frac{3}{4}}$ winds in the north will probably subside.

FORECASTS

For the 24 hours ending at NOON on 28TH DECEMBER 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW.$^{\frac{3}{4}}$ gales, moderating; cold showers.
1	SCOTLAND EAST	NW.$^{\frac{3}{4}}$ breezes, fresh; some cold showers.
2	ENGLAND N.E.	
3	ENGLAND EAST	NW.$^{\frac{3}{4}}$ breezes, moderate; fair.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	N.$^{\frac{3}{4}}$ and NE.$^{\frac{3}{4}}$ breezes, moderate to fresh; fair.
6	SCOTLAND WEST	NW.$^{\frac{3}{4}}$ breezes, strong to moderate; fair.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Same as No. 5.
9	IRELAND NORTH	Same as Nos. 6 and 7.
10	IRELAND SOUTH	N.$^{\frac{3}{4}}$ and NE.$^{\frac{3}{4}}$ breezes, light; fine, cold.
	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 ...	30·01	44	43	NW	8	r	5
Sumburgh Head	29·99	40	38	WNW	9	op	7
Stornoway	30·37	42	41	NW	4	bckp	3
Aberdeen	30·35	42	38	WNW	4	bcq	2
Shields	30·42	49	47	W	3	c	2
Ardrossan	30·48	46	44	W	3	bc	3
Malin Head ...	30·55	45	40	NW	6	op	4
Belmullet	30·68	46	41	NW	3	o	#
Holyhead	30·54	48	46	NNW	6	ogmd	5
Valencia	30·65	49	47	N	4	om	4
Scilly	30·58	49	48	NNW	4	of	3
Jersey	30·57	50	49	SSW	2	o	2
Hurst Castle ...	30·53	47	45	NW	3	og	1
Dungeness ...	30·48	47	47	WSW	2	o	1
North Foreland	30·47	47	46	W	2	o	2
London (Westminster)	30·51	47	45	NW	3	ogm	#
Yarmouth ...	30·41	47	44	WNW	2	bcm	2
Rochefort ...	30·56	47	45	NE	3	b	#

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

Weather in morning fair over the greater part of the United Kingdom, (but showery and squally in the north and east of Scotland) dull over central Europe, with fog in many places, dull, squally and very rainy over Scandinavia, with snow at Haparanda; very fine over the Mediterranean and south of France. A little rain later over the greater part of our Islands, Germany and the north of France, and some snow at the more northern stations, hail at Stornoway.

Temperature in morning. Highest 55° at Malta and Corunna, 51° to 50° along the Algerian coast, 50° at Valencia (Ireland) 49° to 46° on our western and southwestern coasts, and above 45° over almost the whole of our Islands. Lowest (1) 18° at Kuopio, 21° at Archangel, 23° at Haparanda; (2) 16° at Hermanstadt, 26° at Odessa; (3) 22° at Munich, 24° at Lyons, 27° at Belfort. Inclined to fall steadily over the United Kingdom later, but to rise over France.

Wind (1) NW. fresh to strong, in Scotland, and a gale at Sumburgh Head, W. ¾ to S. ¾, strong to a gale over Scandinavia, SW. ¾, moderate over Denmark; (2) light NW. ¾ to W. ¾ over Ireland and England, very light and variable (anticyclonic) over France and central Europe; (3) moderate from between E. and N. over southern Europe and the Mediterranean. A gale from NW. felt over Caithness later, and wind increasing from that quarter in the NW. and N. generally. Gale over Scandinavia veering.

Barometer Highest 30·6 ins. and more over the southwest of Ireland, as well as over Brittany and the central parts of France and Germany; exceeding 30.4 ins. over the whole of western and central Europe. Lowest (1) Below 29.2 ins. in a depression approaching Finmark from the W.; (2) below 30·2 ins. over Malta and the south of Sicily. Rising at our northern and western stations all day, and change spreading eastwards and southwards.

Erratum. In the Remarks on P. 3 of yesterday's report under the heading of "Probable changes in system now prevalent" for "increase" read "decrease".

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 Friday 28th December, 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 ...	29.25	24	NW	8	b	29.56	+ .78	16	15	+ 1	N	4	b	*	b	*	32	1	—
	Hernösand ...	29.56	34	W	2	b	29.78	+ .77	23	20	— 9	N	2	b	*	b	*	37	?	—
	Stockholm ...	29.55	33	W	4	b	29.94	+ .45	28	24	— 5	W	4	b	*	b	*	41	28	—
	Wisby	29.65	38	NNW	8	b	29.97	+ .30	34	30	— 3	N	6	b	*	b	*	39	34	—
	Bodö	29.63	28	NE	4	o	29.54	+ .54	28	25	— 5	WSW	2	o	1	o	*	34	25	—
	Christiansund ...	30.09	39	NW	8	s	29.65	+ .15	34	33	— 3	WSW	6	o	6	s	*	37	30	0.12
	Skudesnaes ...	? 30.24	36	NNW	8	c	? 30.03	+ .08	38	34	+ 3	SW	4	c	4	c	*	38	34	?
	Færder (Christiania Fjord)	29.94	38	NW	4	b	30.01	+ .27	34	29	— 4	WNW	4	c	2	b	*	43	34	—
	Skagen (The Scaw)	30.02	39	N	4	b	30.10	+ .25	35	30	— 4	WNW	1	b	0	b	*	41	30	—
	Fanö	30.19	38	NNW	6	c	30.19	+ .06	39	35	— 4	NNW	1	o	#	c	*	43	36	—
British Islands.	Sumburgh Head	30.46	35	N	4	o	29.55	— .71	43	42	+ 8	SW	7	r	7	o	*	43	35	0.08
	Stornoway ...	30.60	39	NW	2	o	29.43	— .81	47	47	+ 3	W	8	r	8	o	0.0	47	38	0.03
	Wick	30.54	36	NW	2	c	29.63	— .78	44	43	+ 6	W	3	o	3	c	*	44	32	0.01
	Nairn	30.59	39	W	1	c	29.84	— .66	46	43	+ 4	WNW	4	c	2	c	*	46	35	—
	Aberdeen ...	30.61	35	W	2	b	29.90	— .57	44	40	+ 5	SW	5	bcq	4	bcq, b	0.7	44	33	0.03
	Leith	30.63	42	W	1	o	30.11	— .43	43	42	+ 3	SW	3	bc	*	o	*	46	37	—
	Shields	30.61	42	W	2	bm	30.26	— .26	43	41	+ 6	SW	3	o	2	c, bm	*	43	33	—
	Spurn Head ...	30.57	41	NW	4	cp	30.37	— .16	37	35	— 2	WSW	3	c	4	cp	*	43	36	0.02
	York	30.62	42	NW	1	bc	30.35	— .24	38	37	+ 2	NNW	1	o	*	bc	*	46	31	—
	Loughborough ...	30.65	37	NW	2	b	30.50	— .11	37	36	+ 1	SW	1	o	*	b	*	44	28	—
	Ardrossan ...	30.68	45	WNW	4	b	30.19	— .42	45	45	+ 2	WSW	5	cp.	4	b	*	45	42	0.02
	Malin Head ...																*			
	Belmullet ...	30.87	43	NNW	3	bc	30.34	— .53	47	47	+ 2	WSW	5	o	*	cp, bc	*	47	42	0.06
	Donaghadee ...	30.74	43	W	5	b	30.94	— .35	42	42	0	SW	5	c	3	b	*	45	38	0.02
	Liverpool (Bidston)	30.69	43	NW	3	b	30.44	— .24	42	40	— 1	W	5	o	4	b	*	46	41	—
	Holyhead ...	30.73	46	NW	7	cq	30.47	— .23	44	41	— 1	WSW	5	cq	4	cm, cq	*	47	41	—
	Parsonstown ...	30.85	41	2	0	b	30.51	— .32	42	41	+ 8	W	2	oz	*	b	3.8	44	33	—
	Valencia ...	30.91	46	N	2	bc	30.63	— .26	46	45	+ 2	WSW	5	c	4	bc	3.7	49	40	—
	Roche's Point ..	30.88	45	NNW	3	b	30.62	— .26	44	42	+ 3	W	3	c	3	b	*	47	38	—
	Pembroke (St. Ann's Hd.)	30.77	47	NNE	4	bc	30.62	— .12	46	43	0	NW	5	ov	3	bc	4.4	47	43	—
	Scilly	30.76	48	N	5	c	30.67	— .05	47	45	— 1	NW	4	c	4	c	4.2	49	45	—
	Prawle Point ...	30.73	40	NNW	3	b	30.63	— .07	40	39	+ 2	NNW	2	bc	1	b	*	48	36	—
	Jersey (St. Aubin's)	30.69	45	N	3	bc	30.62	.00	43	40	— 3	WNW	3	cg	3	b, bc	*	49	43	—
	Hurst Castle ...	30.67	40	NNW	1	b	30.59	— .08	35	35	0	WNW	2	cm	1	b	*	45	33	—
	Dungeness ...	30.57	35	NNW	2	o	30.55	— .02	31	31	— 4	NW	2	c	1	b, o	*	43	29	—
	North Foreland	30.56	42	N	5	b	30.51	— .05	35	34	— 4	W	2	bcm	2	b	*	43	34	—
	London (Brixton) ...	30.64	41	NNW	1	bm	30.57	— .04	32	32	— 5	W	1	ogf	*	b, bf, qfw	3.1	44	31	—
	Oxford	30.67	37	WNW	1	b	30.56	— .09	34	33	— 1	SW	2	o	*	b	*	44	32	—
	Cambridge ...	30.63	36	NW	1	b	30.53	— .07	33	32	0	SW	3	o	*	b	4.8	43	30	—
	Yarmouth ...	30.51	42	NNW	3	c	30.46	— .06	36	34	0	W	3	cf	4	b, z, c	*	42	34	0.06
Germany & Holland.	Cuxhaven ...	30.20	39	NNW	5	c	30.31	+ .09	38	37	— 2	NW	2	bc	*	r	*	42	37	?
	Berlin	30.13	36	WNW	4	c	30.24	+ .06	33	31	— 6	NW	3	b	*	c	*	41	30	0.08
	Wiesbaden ...	*	*	*	*	*	30.46	+ .10	35	34	+ 2	S	2	bc	*	*	*	41	33	—
	Munich	30.32	28	SW	5	s	30.40	+ .02	26	26	+ 6	NW	4	o	*	s	*	28	19	0.24
	The Helder ...	? 30.44	41	NNW	6	c	? 30.41	— .02	42	39	— 1	NW	4	c	3	c	*	45	39	0.08
Belgium. France &	Brussels ...	*	*	*	*	*	30.52	+ .03	35	34	— 4	SSW	1	o	*	o	*	43	34	0.04
	Cape Gris Nez ...	30.51	42	N	5	b	30.49	.00	40	39	— 2	N	2	m	2	bc	*	48	37	—
	Paris	30.50	40	N	2	b	30.56	+ .11	37	36	— 6	N	3	o	*	b	*	46	35	—
	Brest	?	44	ENE	1	b	?	?	44	42	— 1	NE	1	c	1	b	*	48	39	—
	Lorient	30.67	45	NNE	5	b	30.64	+ .08	44	41	— 4	N	4	o	2	b	*	48	39	—
	Rochefort ...	30.57	43	NE	4	bc	30.59	+ .10	38	37	— 8	NE	4	b	*	bc	*	48	36	—
	Belfort	?	31	W	2	m	?	?	28	27	+ 1	NE	1	bc	*	m	*	31	26	0.04
	Lyons	30.43	30	NNW	2	o	30.43	— .06	34	33	+ 8	N	3	o	*	o	*	35	26	0.04
	Nice	30.12	44	2	o	o	30.08	— .18	37	35	— 1	E	1	b	2	o	*	50	36	—
	Perpignan ...	30.30	45	NW	3	o	30.28	— .06	42	37	+ 2	NW	5	b	*	o	*	51	40	—
	Biarritz ...	30.47	44	2	o	o	30.56	+ .10	35	34	— 4	E	2	b	4	o. f	*	45	35	—
Peninsula.	Corunna ...																*			
	Lisbon	30.31	48	NNE	5	b	30.35	— .01	46	41	+ 1	NNE	5	b	*	b	*	54	45	—
	Azores (P. Delgada)	30.58	58	ENE	4	c	30.56	+ .06	57	53	0	ENE	4	c	3	c	*	63	54	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 FRIDAY, 28th December, 1894.

BAROMETER, WIND AND SEA.

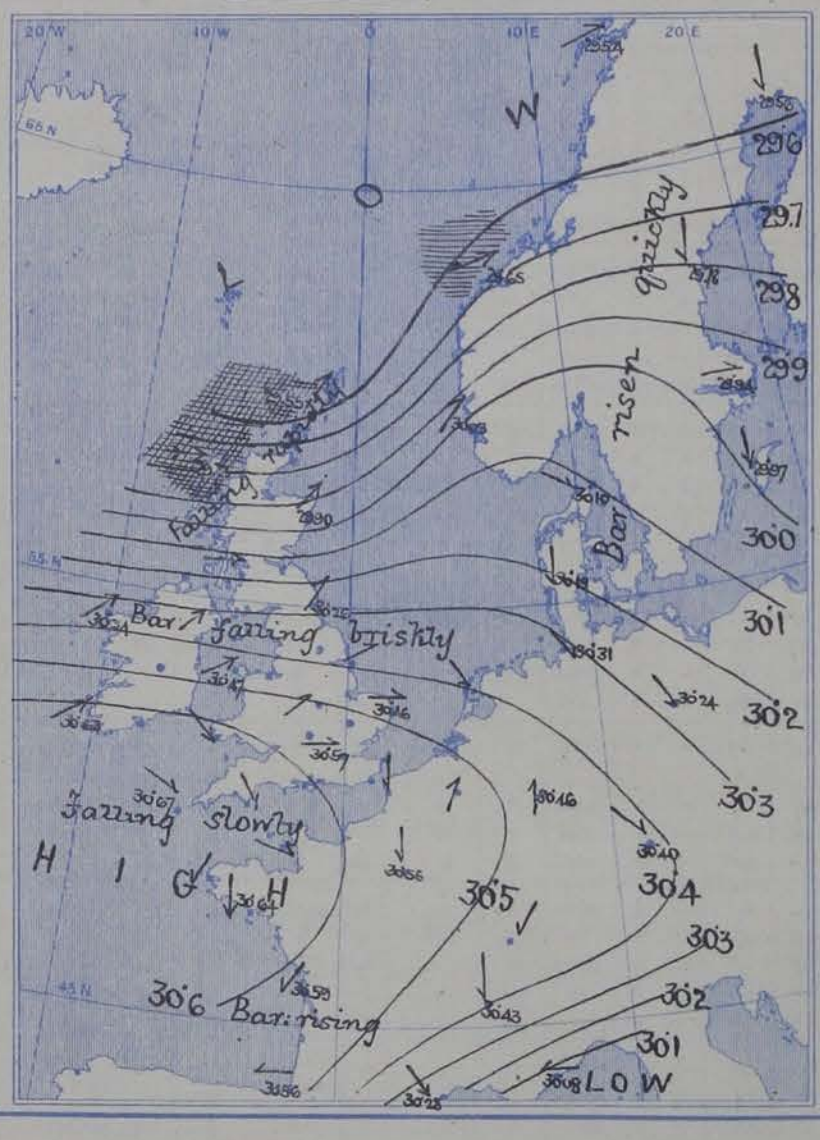
BAROMETER—Isobars are drawn for each tenth of an inch.

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

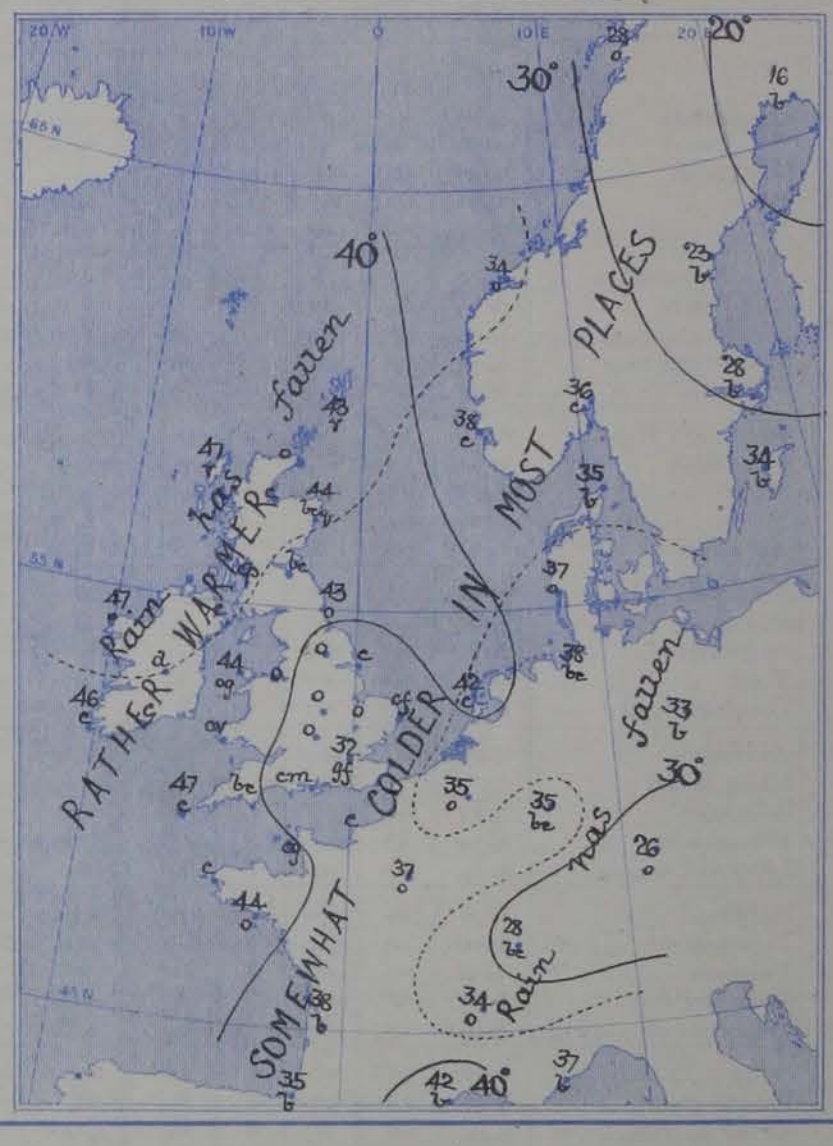


TEMPERATURE & WEATHER.

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 DECEMBER.

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·6 ins. and more over the southwestern parts of our Islands, the W.ern parts of the Channel & Brittany.
Lowest – Below 29.6 ins. over the Shetlands; below 30.1 ins. over the Riviera.
Gradients have become steep over our northern districts.
Barometer falling rapidly in Scotland, quickly in Ireland, and the fall spreading southwards & eastwards.

TEMPERATURE

Highest 49° at Stornoway, Belmullet and Scilly, 46° at Valencia (Ireland), 44° at Holyhead and Aberdeen.
Lowest (1) 16° at Haparanda, 23° at Hernösand, 28° at Bodö and Stockholm; (2) 26° at Munich, 28° at Belfort, 33° at Berlin, (3) 31° at Dungeness, 32° in London, 33° at Cambridge.
Very sharp frost occurred on the grass at our inland stations during the night; in Ireland and Scotland the thermometer had risen decidedly, and the rise was spreading.

WIND

W.½N. and SW.½W. over nearly all of our own districts and in Norway, and blowing a gale at Stornoway.
Light NW.½W. over the English Channel, moderate NE.½N. over the Bay of Biscay; light NW.½W. over Germany.
It was apparently increasing quickly in force at the northern stations.

WEATHER

Fine over Sweden, Germany and France; dull and foggy over the southeast of England; cloudy and very unsettled on the northwestern and northern coasts, with rain at several stations.
Some rain had fallen in the extreme north and northwest, and snow over Germany. The general appearance was becoming very unsettled, especially in the north.

SEA

Very high at Stornoway and Sumburgh Head, moderate on our northern and western coasts generally, smooth in the east and southeast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A large and complex depression is apparently spreading over our Islands from the northwestward, and rough weather is likely to be experienced in most places – especially in the northwest and north.

FORECASTS

For the 24 hours ending at NOON on 29TH DEC. 1894.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W.½N. and NW.½N. gales and strong winds; cold, rain and snow squalls.	6 SCOTLAND WEST	Same as Nos. 0 and 1.
1 SCOTLAND EAST		7 ENGLAND N.W.	Same as Nos. 2 to 5.
2 ENGLAND N.E.	Wind increasing greatly from W. and NW.; squally, showery, unsettled.	8 ENGLAND S.W.	W.½N. and NW.½N. winds increasing considerably; fair to squally & showery.
3 ENGLAND EAST		9 IRELAND NORTH	Same as Nos. 0 and 1.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	Same as No. 8.
5 ENGLAND SOUTH	NW.½N. and W.½N. winds, increasing; fair to showery and unsettled.	WARNINGS	At 10.10 am to districts 0, 1, 6 and part of 9. Hoist North Cone. Similar warning was issued to all coasts by noon.

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 ...	30·19	36	33	NNW	8	c	6
Sumburgh Head	30·42	35	32	N	5	o	7
Stornoway	30·63	42	42	NW	3	o	3
Aberdeen	30·56	39	35	NW	6	bcq	4
Shields	30·57	42	39	W	3	c	2
Ardrossan	30·66	45	44	WNW	4	b	2
Malin Head ...	30·73	46	44	NW	6	b	4
Belmullet	30·88	47	44	NNW	2	cp	*
Holyhead	30·73	46	43	NW	6	cm	5
Valencia	30·91	47	44	N	2	bc	3
Scilly	30·76	48	45	NNE	5	c	4
Jersey	30·67	47	43	NNE	4	b	3
Hurst Castle ...	30·66	45	43	NNW	4	b	2
Dungeness ...	30·56	43	41	NNW	3	b	2
North Foreland	30·56	43	40	N	5	b	5
London (Westminster)	30·61	45	40	NW	1	bm	*
Yarmouth ...	30·50	42	39	NW	3	b	3
Rochefort ...	30·51	46	46	NE	4	o	*

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

Continental information will be issued tomorrow.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

N.B.—The morning observations are 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, 29th December, 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 ...	29.29	6	SSW	4	b	28.78	- .78	19	19	+ 3	SSW	6	S	*	b	*	25	-6	-
	Hernösand ...	29.02	26	S	9	S	28.87	-1.41	31	30	+ 8	S	2	O	*	S	*	36	21	0.28
	Stockholm ...	29.33	30	S	2	S	28.62	-1.32	35	34	+ 7	SW	2	O	*	S	*	?	27	0.28
	Wisby	29.55	35	W	6	O	28.80	-1.17	37	36	+ 3	SW	10	O	*	O	*	37	28	0.32
	Bodö	28.76	27	E	6	O	28.44	-1.10	28	27	0	E	4	O	2	O	*	28	25	-
	Christiansund ...	28.62	34	WSW	8	S	28.49	-1.16	31	30	- 3	WSW	4	S	5	S	*	41	30	0.43
	Skudesnaes ...	28.91	40	NW	6	c	28.47	-1.56	37	36	- 1	SW	8	O	6	c	*	43	34	?
	Færder (Christiania Fjord)	28.88	42	SSW	9	1	28.56	-1.45	37	33	+ 3	WSW	4	c	5	1	*	41	34	-
	Skagen (The Scaw)	24.31	37	WSW	5	1	28.67	-1.43	34	33	- 1	WNW	2	O	O	1	*	39	32	0.32
	Fanö	29.30	42	WSW	9	O	28.82	-1.37	38	35	+ 1	W	4	c	*	o.h.p	*	43	36	0.28
	Sumburgh Head	25.85	33	W	5	Sp	28.38	-1.17	35	33	- 8	SW	3	O	5	rtl. osp	*	47	31	0.60
	Stornoway ...	29.19	33	NW	8	O	28.90	-0.89	36	36	- 11	NW	9	bc gs	8	rs. tl sq	0.0	49	30	0.74
	Wick	29.05	38	WNW	7	O	28.52	-1.11	35	35	- 9	NW	6	o u	6	o s. tl	*	50	30	0.30
	Nairn	29.12	36	W	6	S	28.77	-1.07	33	33	- 13	NNW	3	bc rs	4	rs	*	46	29	0.39
	Aberdeen ...	29.25	36	W	7	o g g	28.34	-1.16	33	31	- 11	WNW	6	c g s p	4	bc. g p g	1.4	51	31	0.16
	Leith	29.39	41	WNW	5	O	28.89	-1.22	33	32	- 10	W	4	c	*	o r s	*	49	32	0.18
	Shields	29.45	40	SW	7	c p	28.93	-1.33	35	33	- 8	W	4	C	3	c.p. rs	*	49	32	0.05
	Spurn Head ...	29.66	44	SW	6	c g	29.08	-1.29	39	36	+ 2	W	5	o gu	4	c. g p	*	46	36	0.05
	York	29.75	44	W	5	O	29.07	-1.28	33	32	- 5	WNW	4	S	*	O	*	49	32	0.19
	Loughborough ...	29.65	44	SW	8	c	29.30	-1.20	36	34	- 1	W	6	c	*	c g p. rs	*	48	34	0.08
British Islands.	Ardrossan ...	29.45	43	W	10	r	29.08	-1.11	38	37	- 7	NW	7	O	5	rsq	*	50	36	0.18
	Malin Head ...																*			
	Belmullet ...	29.89	45	W	10	O	29.64	-0.70	43	40	- 4	NW	9	c g h p	*	o m u. o q	*	50	38	0.49
	Donaghadee ...	29.55	44	W	8	r	29.24	-1.10	37	36	- 5	NNW	8	bq	6	cp	*	49	34	0.13
	Liverpool (Bidston)	29.79	44	W	9	O	†29.19	-1.25	40	39	- 2	NNW	9	O	7	O	*	49	35	0.24
	Holyhead ...	29.84	49	SW	9	q d	29.36	-1.11	40	37	- 4	W	10	o g h	8	q g m	*	49	37	0.29
	Parsonstown ...	29.96	49	W	4	r	29.64	-0.87	38	36	- 4	W	2	cr	*	or	0.0	49	36	0.11
	Valencia ...	30.16	51	WSW	7	O	29.90	-.73	45	40	- 1	NNW	9	o m	7	o g p	0.1	51	40	0.09
	Roche's Point ..	30.11	48	W	5	bc	29.76	-.86	40	38	- 4	NW	6	b	4	bc, q l	*	49	39	0.05
	Pembroke (St. Ann's Hd.)	30.01	48	W	8	O	29.59	-1.03	44	41	- 2	NW	8	o q	7	o.h	0.0	49	38	0.10
	Scilly	30.30	48	W	6	c p	29.82	-0.85	46	44	- 1	NW	9	c q	6	c p	1.0	49	44	0.05
	Prawle Point ...	30.24	45	WSW	7	bc	29.69	-.94	40	38	0	W	7	c	6	bc, p	*	48	†36	0.04
	Jersey (St. Aubin's)	30.35	48	W	3	o g	29.74	-.88	48	43	+ 5	NNW	7	c q	6	o, r q	*	49	43	0.13
	Hurst Castle ...	30.16	46	W	6	O	29.57	-1.02	42	40	+ 7	WNW	6	c p	5	c w. p	*	46	†35	0.10
	Dungeness ...	30.10	45	SSW	6	O	29.44	-1.11	41	39	+ 10	W	6	c p	6	bc, o	*	47	30	0.04
	North Foreland	30.06	42	W	6	bc q	29.36	-1.15	39	36	+ 4	W	5	b q	5	bc. g h	*	42	32	0.10
	London (Brixton) ...	30.05	43	W	6	o q	29.87	-1.20	39	35	+ 7	W	6	b	*	f. o q h b q	0.3	47	32	0.05
	Oxford	29.89	45	SW	7	O	29.43	-1.19	37	35	+ 9	WSW	5	bc	*	o, q p	*	47	34	0.02
	Cambridge ...	29.94	43	SW	8	bc	29.84	-1.10	37	35	+ 4	W	8	b	*	bc	0.5	48	31	0.05
	Yarmouth ...	29.88	41	WSW	7	c q	29.22	-1.24	36	34	O	W	6	bc q	4	c, c q	*	41	34	0.19
Germany & Holland.	Cuxhaven ...	29.98	41	SW	6	r	29.05	-1.26	39	39	+ 1	WSW	6	bc	*	r	*	41	27	0.12
	Berlin	30.03	34	SW	4	O	29.27	-0.97	34	32	+ 1	SW	5	S	*	O	*	36	32	0.75
	Wiesbaden ...	*	*	*	*	*	29.54	-.92	35	33	O	SW	4	O	*	*	*	39	32	-
	Munich	30.30	17	2	O	b	29.81	-.59	17	16	- 9	SSW	3	bc	*	bc	*	30	14	0.04
	The Helder ...	†29.75	43	WSW	9	O	†29.12	-1.29	40	37	- 2	W	9	O	5	O	*	45	39	0.12
Belgium.	Brussels ...	*	*	*	*	*									*		*			
	Cape Gris Nez...	?	46	?	6	O	29.46	-1.03	43	43	+ 3	W	7	C	7	O	*	46	39	-
	Paris	30.37	37	SSW	2	O	29.69	-0.87	41	40	+ 4	SSW	5	r	*	O	*	41	36	-
	Brest	?	46	NW	3	c	?	?	49	45	+ 5	NNW	6	O	5	c	*	48	41	0.04
	Lorient... ...	30.47	48	WNW	5	c	29.88	-.76	50	46	+ 6	WNW	6	c	4	c	*	48	41	0.03
France &	Rochefort ...	30.56	42	N	3	b	30.09	-.50	48	46	+ 10	W	6	O	*	b	*	46	38	-
	Belfort														*		*			
	Lyons	30.44	30	NNW	1	b	30.21	-.22	25	23	- 9	E	1	bc	*	b	*	37	24	-
	Nice	30.18	41	E	1	b	30.10	+.02	30	28	- 1	E	2	b	2	b	*	50	32	-
	Perpignan ...	30.36	40	NW	5	b	30.20	-.08	37	32	- 5	W	3	b	*	b	*	45	34	-
	Biarritz ...	30.48	35	E	3	b	30.20	-.36	44	39	+ 9	S	4	O	2	b	*	46	35	-
Peninsula.	Corunna ...														*		*			
	Lisbon	30.39	49	NNE	4	b	30.37	+.02	43	37	- 3	NNE	4	b	*	b	*	54	41	-
	Azores (P. Delgada)	30.66	57	ENE	4	c	30.55	-.01	56	52	- 1	ENE	4	c	4	c	*	63	55	-

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, 29th December, 1894.

BAROMETER, WIND AND SEA.

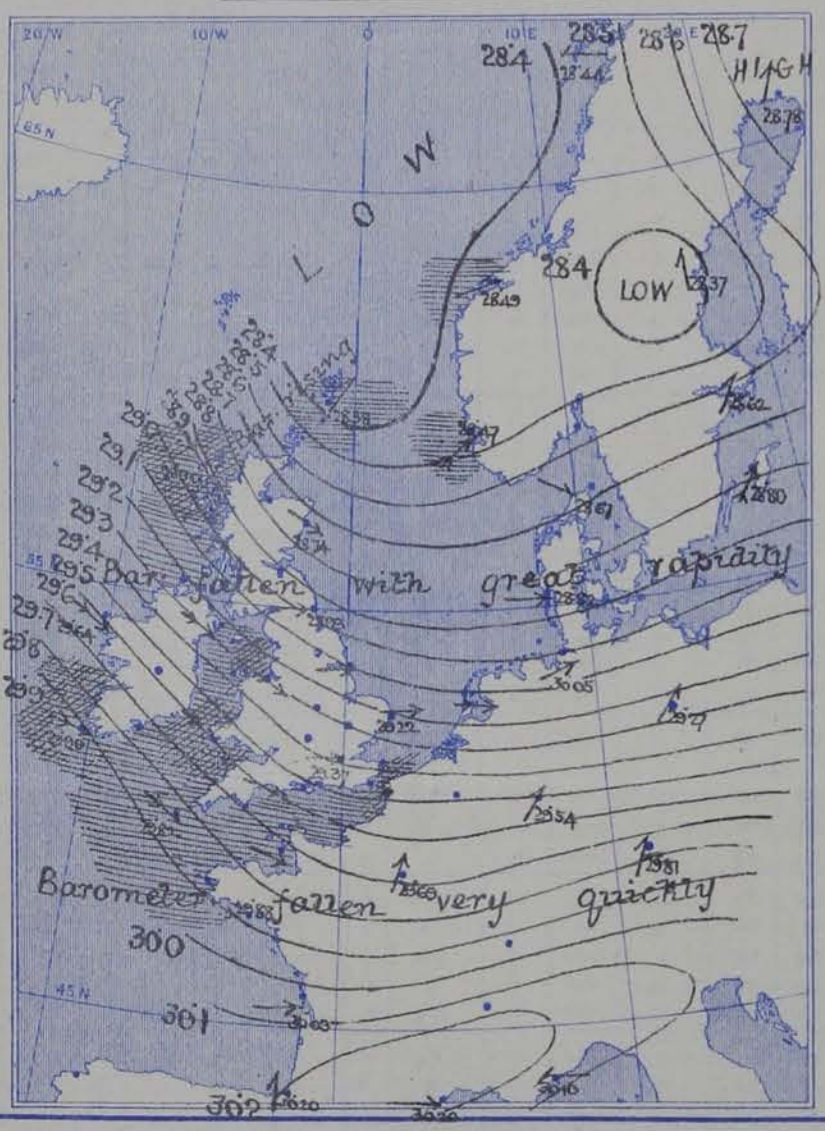
BAROMETER—Isobars are drawn for each tenth of an inch.

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* ▨

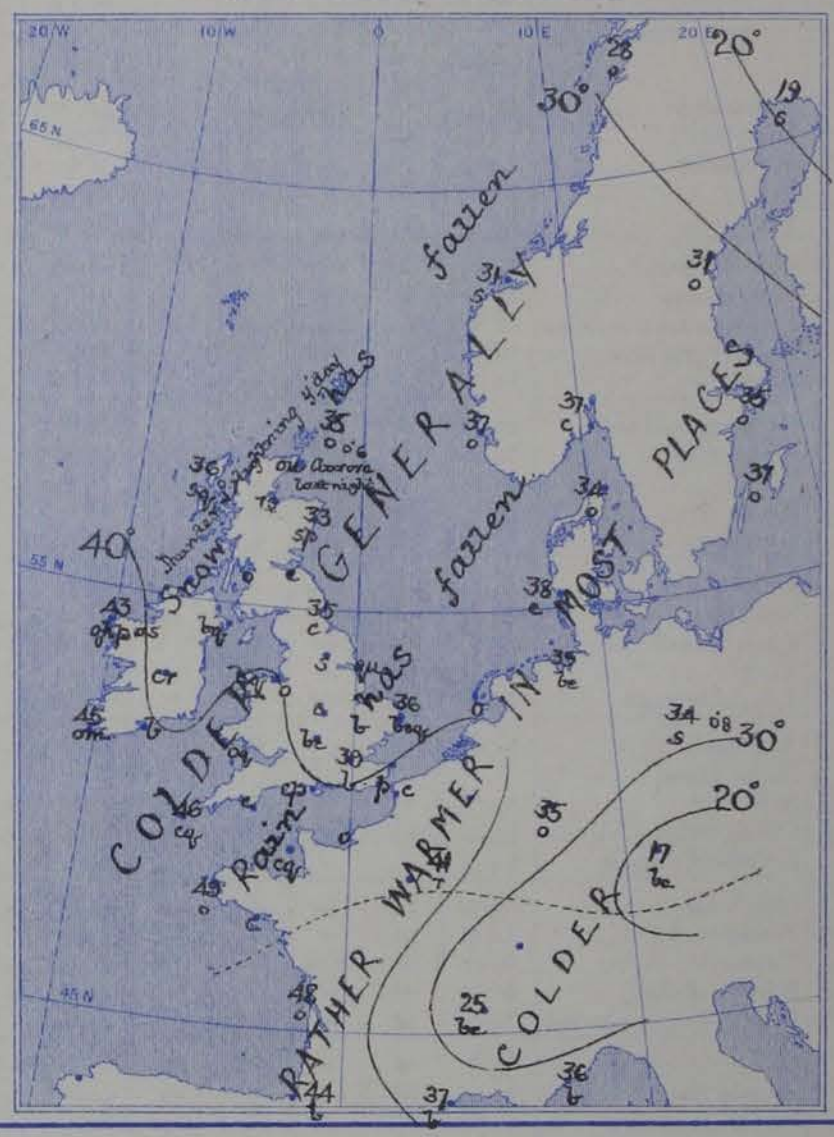


TEMPERATURE & WEATHER.

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 DECEMBER.

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	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 in: and more to 30·0 in: over the Bay of Biscay and north of Spain, and 29·9 in: at Valencia (Ireland)
Lowest, Below 28·4 in: over and in the neighbourhood of the Shetlands, and at Hernösand.
Gradients very steep for W^ly to NW^ly winds except over the more northern parts of our area.
Barometer fallen very rapidly over Great Britain and the North Sea; it has, however, begun to rise in the western parts of Ireland & Scotland.

TEMPERATURE

Highest, 50° at Loriant, 48° at Jersey, 45° at Valencia.
Lowest, (1) 19° at Haparanda, 28° at Bodö; (2) 17° at Munich, 25° at Lyons, 34° at Berlin; (3) 33° at many of our northern stations.
The maxima recorded yesterday ranged between 45° and 50° in most parts of our Islands; since then the thermometer has fallen fast.

WIND

Moderate to strong from NW in Scotland, a strong to fresh gale from NW. and W. on our western coasts, a fresh to strong (squally) breeze from the W^ds at our eastern stations, and a strong gale from W. at the Helder, and from SW. at Visby and Rudkjøbing. At Bodö the wind is W. moderate.
The gale has been strong at our western and northwestern stations, not so strong in the east and southeast, and is now inclined to go down slowly even at the western stations.

WEATHER

Very changeable — clear in some places cloudy in others, with cold rain showers at southern stations.
Snow is falling in the north and also at Berlin.
Thunder and lightning have occurred at some of our most northern stations. Aurora seen at Wick.

SEA

High on our western coasts generally and at Cape Finisterre, rough at most of our other stations, moderate on our east coast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The gale will probably now subside slowly, and at present there is no indication of the approach of any secondary system towards our Islands.

FORECASTS

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

DISTRICTS.		FORECASTS.
∇ 0	SCOTLAND NORTH	NW^ly winds, strong to moderate; squally, cold showers.
∇ 1	SCOTLAND EAST	
∇ 2	ENGLAND N.E.	
∇ 3	ENGLAND EAST	W^ly and NW^ly gales and strong winds; squally, cold showers. Moderating later.
4	MIDLAND COUNTIES	
∇ 5	ENGLAND SOUTH	
∇ 6	SCOTLAND WEST	Same as Nos 0 to 2.
∇ 7	ENGLAND N.W.	NW^ly gales, moderating slowly; very strong squalls and showers.
∇ 8	ENGLAND S.W.	
∇ 9	IRELAND NORTH	
∇ 10	IRELAND SOUTH	
	WARNINGS	All our coasts were warned yesterday.

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* (Δ), 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	43	42	S	9	r	6
Sumburgh Head	29·03	38	37	W	5	o s p	7
Stornoway	29·37	38	38	SW	8	r	8
Aberdeen	29·36	48	44	W	9	c q p u	5
Shields	29·72	46	43	SW	6	c	2
Ardrossan	29·69	49	49	W8W	7	r	6
Malin Head ...							
Belmullet	30·07	50	48	W	8	o	*
Holyhead	30·11	46	43	SW	8	o q q r	6

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·36	50	48	SW	6	o q p	6
Scilly	30·47	47	46	W	5	c p	4
Jersey	30·48	48	44	WNW	3	o	9
Hurst Castle ...	30·39	45	43	WSW	4	c u	2
Dungeness ...	30·29	43	42	WSW	4	b c	3
North Foreland	30·28	42	39	W	3	b	3
London (Westminster)	30·28	44	41	SW	4	o	*
Yarmouth ...	30·15	40	38	SW	4	c	4
Rochefort ...	30·45	44	41	NE	3	b	*

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

Weather in morning fine and bright over the Mediterranean, Spain, France, Sweden, and many of the northern parts of Russia; becoming very unsettled over Norway, Scotland, Ireland and the north of England, with rain in the Shetlands and Hebrides. Rain also at Malta and Tunis. Snow and rain falling later over the British Islands and several parts of northern and central Europe — heavily at Sumburgh Hd., Stornoway, and Malin; thunder and lightning occurring in Scotland and Ireland; aurora seen at Wick.

Temperature changing very fitfully. Morning readings 50° at Malta and Algiers only, 49° at Oporto, 47° at Scilly, as well as at Belmullet and Stornoway, 46° at Nairn. Lowest (1) 16° at Haparanda, 19° at Archangel, 23° at Hernösand, 24° at Moscow; (2) 26° at Munich, 28° at Belfort, 32° at Breslau and Münster; (3) 31° at Dungeness, 32° in London, 33° at Cambridge. Changing often and irregularly over our Islands later, finally falling fast.

Wind (1) Mainly E. to N. over the Mediterranean, and moderate to light in force; (2) light and anticyclonic over Spain, France, and Germany; (3) N. to NW. and cyclonic over Finland, SW. at Moscow; (4) Becoming strong and cyclonic from W. and SW. over the north of our Islands and the west of Norway. NW. and W. gales of considerable force spreading over the British Islands and North Sea later; and blowing hardest on our northwest coasts.

Barometer highest 30·6 ins. and more over the southwest of our islands, Brittany, and the Bay of Biscay, and exceeding 30·2 ins. all over Ireland, England, Western Germany, France, and Spain. Lowest, below 29·6 ins. over the Shetland Islands and Lapland; below 28·9 ins. at Archangel, and below 30·0 ins. at Malta. Falling very rapidly over the British Islands and their neighbourhood later, as a deep depression advanced towards Scandinavia and spread southwards.

General Remarks on the Weather over Europe for the 24 hours ending at 8 am on Dec. 28th

Weather in morning fine and bright over the Mediterranean, Spain and the greater part of the British Islands, as well as in Sweden; dull and rough, however, at our most northern stations, in Norway and the north of Russia, with rain or snow in many places, and an angry sky at Wick. A little rain or snow later at the northern and northwestern stations generally, but weather fine over England and Ireland all day.

Temperature falling over Northwestern Europe. Highest morning readings 53° at Algiers, 52° at Brest, 51° at Coruna, 48° at Lorient and Scilly, 46° at Malin Head. Lowest (1) 15° at Haparanda, 25° at Kuopio, 32° at Hernösand; (2) 22° at Kharkov, 31° at Kiev; (3) 20° at Munich, 26° at Lyons, 27° at Belfort. Further fall over England at night, but sudden rise occurring at the Scotch stations.

Wind SW. to NW., a strong gale over Scandinavia, W. strong at Vaasa, and NW. strong to moderate over the north of our Islands; W. over North Germany, SW. over Central Russia; N. moderate to light over our southwestern and southern counties, NE. fresh to moderate over the Bay of Biscay. Falling light all over our Islands later, and continuing NW. to NE. (anticyclonic) at 6pm.

Barometer highest 30·8 ins. and more over the western, central, and southern parts of Ireland, and exceeding 30·4 ins. all over the United Kingdom and nearly the whole of France. Lowest 28·8 ins. in a depression over the east of Lapland, and below 29·5 ins. over the northern parts of Scandinavia generally; — gradients very steep over Sweden and Norway. Rising over our Islands later to 30·93 ins. at Valencia at noon (highest since January 1894) but then inclining to fall slightly in the extreme northwest and west.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

N.B.—The morning observations are 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 30th December, 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 ...	29·59	26	SE	4	s	28·86	+ ·08	28	28	+ 9	Z	0	c	*	s	*	28	5	—
	Hernösand ...	28·60	14	Z	0	b	28·75	+ ·38	?	?	?	Z	0	b	*	b	*	34	14	—
	Stockholm ...	29·69	32	Z	0	b	28·76	+ ·14	31	31	— 4	Z	0	s	*	b	*	36	28	—
	Wisby	28·77	36	SW	4	b	28·77	— ·03	33	33	— 4	S	4	c	*	b	*	34	33	0·24
	Bodö	28·51	27	E	4	b	28·80	+ ·36	25	22	— 3	ENE	4	bc	2	b	*	30	23	—
	Christiansund ...	28·51	34	W	8	s	28·72	+ ·23	35	34	+ 4	WNW	4	s	5	s	*	35	30	0·63
	Skudesnaes ...	28·61	32	NNW	4	bc	29·49	+ ·32	30	29	— 7	Z	0	c	3	bc	*	37	28	?
	Færder (Christiania Fjord)	28·57	30	NNE	4	s	28·73	+ ·17	28	26	— 9	NNE	4	bc	4	s	*	37	35	—
	Skagen (The Scaw)	28·53	33	WSW	1	b	29·69	+ ·02	34	32	0	ENE	1	bc	0	b	*	36	30	—
	Fano	28·57	36	W	2	c	28·76	— ·06	34	33	— 4	W	2	chsp	*	c	*	39	34	0·24
	Sumburgh Head	28·79	31	NNW	4	c	29·19	+ ·81	33	31	— 2	N	5	o	6	c	*	37	30	0·29
	Stornoway ...	29·24	32	NNW	8	s	29·53	+ ·63	34	34	— 2	NNE	8	bc	7	s	0·5	38	30	0·37
	Wick	28·95	31	NW	8	o	29·30	+ ·78	36	35	+ 1	N	6	ou	6	sp, o, Z	*	38	30	0·21
	Nairn	29·12	35	NNW	4	b	29·43	+ ·66	36	34	+ 3	NNW	5	s	3	b, sp	*	37	30	0·10
	Aberdeen ...	29·01	33	WNW	9	c p s q	29·27	+ ·53	35	32	+ 2	NNW	8	c p s q r	6	c	0·5	36	31	0·41
British Isles	Leith	29·15	33	WSW	3	b	29·33	+ ·44	34	33	+ 1	WNW	8	b	*	b	*	40	30	0·03
	Shields	29·15	36	WNW	4	bc	29·25	+ ·32	35	33	0	WNW	3	c	3	sp, bc	*	39	29	—
	Spurn Head ...	29·15	40	WNW	7	b	29·14	+ ·06	37	36	— 2	WNW	6	o	5	sp, b	*	44	32	0·02
	York	29·20	38	W	4	b	29·26	+ ·19	35	33	+ 2	NNW	4	bc	*	b	*	40	31	0·03
	Loughborough ...	29·30	37	WNW	5	c	29·31	+ ·01	34	30	— 2	WNW	5	o	*	c p r s	*	34	32	0·22
	Ardrossan ...	29·25	39	NW	4	b	29·40	+ ·32	37	35	— 1	NW	3	b	2	b, r s	*	42	33	0·02
	Malin Head ...	29·36	36	NW	9	o	29·51		39	36		NNW	7	o h p	5	o	*	41	34	0·02
	Belmullet ...	29·44	40	WNW	5	c h p q	29·74	+ ·10	37	36	— 6	NNW	8	c	*	c, Z	*	50	34	0·40
	Donaghadee ...	29·41	37	NW	8	b c q r s	29·46	+ ·22	37	35	0	NW	7	bc	5	bc	*	42	33	0·15
	Liverpool (Bidston)	29·36	37	WNW	9	o	29·39	+ ·20	38	36	— 2	NW	7	c	5	o	*	42	35	0·22
	Holyhead ...	29·43	41	NW	10	c h p q	29·46	+ ·10	39	35	— 1	NW	9	c q q	7	c	*	43	35	0·15
	Parsonstown ...	29·69	36	W	4	o	29·68	+ ·04	33	32	— 5	N	4	s	*	o r s	0·9	41	31	0·03
	Valencia ...	29·89	43	WNW	8	c	29·79	— ·11	43	39	— 2	NNW	6	c q	5	c q	0·6	52	38	0·26
	Roche's Point ...	29·78	41	NW	6	b c q	29·72	— ·04	39	36	— 1	NW	5	bc	4	bc	*	42	37	0·20
	Pembroke (St. Ann's Hd.)	29·58	44	NW	8	o	29·57	— ·02	39	37	— 5	NNW	7	c q	6	o	1·0	44	38	—
	Scilly	29·76	47	NW	8	o h q	29·64	— ·18	41	41	— 5	NNW	7	o q	6	o q	3·5	49	40	0·01
	Prawle Point ...	29·67	40	W	7	o	29·57	— ·12	35	33	— 5	W	5	b c p s	4	o s p, s l,	*	44	33	0·01
	Jersey (St. Aubin's)	29·66	45	WNW	7	c h r q	29·53	— ·21	41	36	— 7	WNW	6	b c u	5	c q, r l	*	48	39	0·15
	Hurst Castle ...	29·50	41	WNW	6	b	29·45	— ·12	35	34	— 7	WNW	5	b	4	b	*	44	34	—
	Dungeness ...	29·32	40	WNW	5	bc	29·30	— ·14	31	31	— 10	WNW	5	b	4	bc	*	46	31	—
	North Foreland	29·28	40	W	8	b q	29·27	— ·09	34	32	— 5	WNW	6	b q	5	b	*	42	33	—
	London (Brixton) ...	29·40	38	WNW	6	o p q	29·34	— ·03	38	31	— 6	WNW	4	b	*	o p q, b	3·5	44	33	0·02
	Oxford	29·43	37	W	5	bc	29·39	— ·04	32	31	— 5	W	2	b	*	bc	*	42	32	0·05
	Cambridge ...	29·30	37	WNW	6	b	29·29	— ·05	32	30	— 5	WNW	5	b	*	b	1·3	41	30	0·05
	Yarmouth ...	29·14	39	WNW	6	b c q	29·17	— ·05	32	29	— 4	WNW	5	q	4	bc	*	40	30	—
Germany & Holland	Cuxhaven ...	28·84	38	W	8	r	28·87	— ·18	36	36	— 3	WSW	3	bc	*	r	*	40	34	0·20
	Berlin	29·05	35	SW	5	o	29·02	— ·25	36	34	+ 2	SW	5	o	*	o	*	37	34	0·04
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich	29·45	39	SW	6	b	29·30	— ·51	31	30	+ 14	SW	6	c	*	b	*	36	17	0·04
	The Helder ...	28·96	40	WNW	9	c	29·00	— ·12	39	36	— 1	WNW	8	c	4	c	*	43	36	0·24
France & Belgium.	Brussels ..	*	*	*	*	*	29·25		39	32		WSW	3	o	*	c		41	33	—
	Cape Gris Nez ...	29·36	43	W	2	bc	29·33	— ·13	36	34	— 7	NW	5	bc	6	bc	*	45	32	—
	Paris	29·56	40	W	3	bc	29·38	— ·31	34	33	— 7	WSW	3	c	*	bc	*	45	33	0·24
	Brest ...	29·86	47	N	5	bc	29·71	?	45	43	— 4	N	5	c	5	bc	*	50	37	—
	Lorient	29·82	46	NW	6	c	29·65	— ·23	42	39	— 8	NW	6	c	4	c	*	50	37	0·14
	Rochefort ...	29·90	47	NW	6	o	29·72	— ·37	46	42	— 2	NW	6	c	*	o	*	48	36	0·16
	Belfort														*		*			
	Lyons	29·78	38	WNW	1	r	29·52	— ·69	38	32	+ 8	SW	1	o	*	r	*	40	25	0·04
	Nice	29·64	39	Z	0	b	29·41	— ·69	41	38	+ 5	NW	6	b	3	b	*	46	36	—
	Perpignan ...	29·80	44	SW	1	o	29·72	— ·48	42	40	+ 5	NW	3	r	*	o	*	51	36	0·04
	Biarritz ...	30·00	52	NW	6	r	29·80	— ·40	52	50	+ 8	WNW	7	r	7	r	*	54	44	0·28
Penin-sula.	Corunna ...														*		*			
	Lisbon														*		*			
	Azores (P. Delgada)	30·58	54	NE	4	bc	30·59	+ ·02	54	50	— 2	ENE	4	c	3	bc	*	61	52	—

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

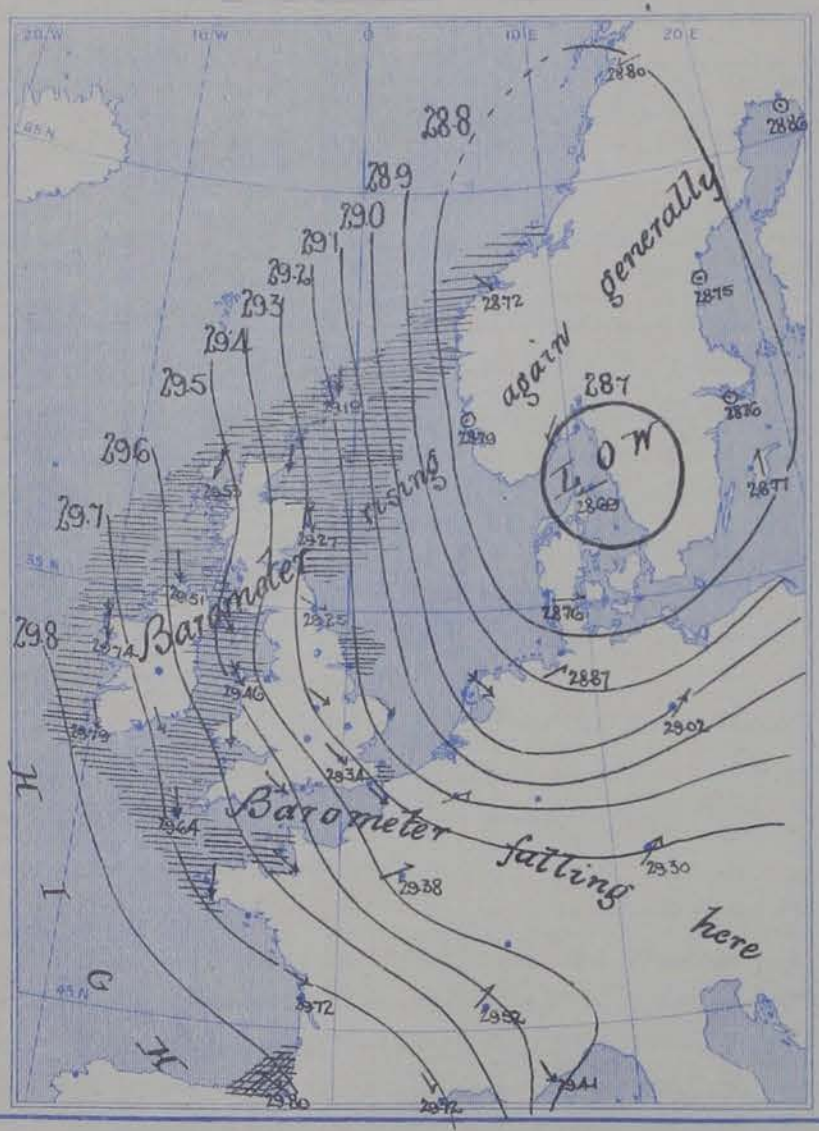
NOTE: *The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster*

WEATHER CHARTS

FOR SUNDAY, 30TH DEC, 1894.

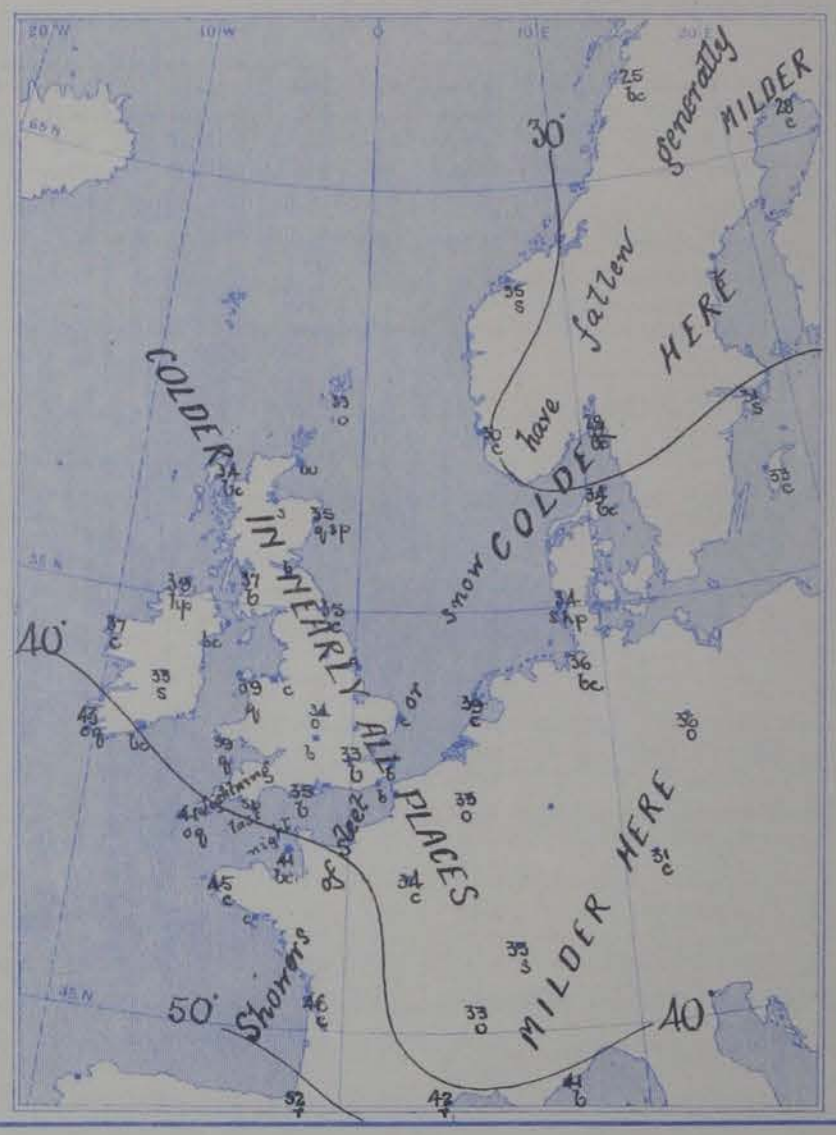
BAROMETER, WIND AND SEA.

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.


20 W
10 W
0
10 E
65 N
55 N
45 N
30°
40°
50°
COLDER
IN NEARLY ALL PLACES
Showers
Showers
Showers

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 300 ins: and more over the southern half of Spain, and above 29·7 ins: over the western half of Ireland
Lowest, 28·7 ins: and less, over Denmark, and below 28·8 ins: over nearly the whole of Scandinavia.
Gradients steep for NW¹ to N² winds over the whole of our Islands and northwestern Europe.
Barometer rising in the north and northwest, falling at our southern stations and over France and Central Europe.

TEMPERATURE

Highest, 52° at Biarritz, 45° at Brest, and 43° at Valencia (Ireland).
Lowest, 10° at Hernösand, 25° at Bodö, 27° at Karlstadt, 31° at Stockholm; 32° at Oxford and Cambridge, 33° at Harrmanstown, 33° at Lyons, 34° at Paris.
Tendency is to decrease generally. Air very dry and keen.

WIND

N¹, strong to a fresh gale and squally in Scotland and the north of Ireland.
NW¹, fresh to a gale over England and the Channel. NW² strong over the Bay of Biscay; SW¹ to S³ fresh over Germany.
S² over the Baltic. Calm or light and variable over the north of Scandinavia

WEATHER

Dry and bright, but not settled over the greater part of England and the north of France; very unsettled equally and showery over Ireland, the Irish Sea and Scotland, as well as over the western parts of the English Channel.
Rain fell in some quantities at most of the southern stations yesterday, snow in considerable quantities in the north, with soft hail in many places; lightning was seen at Spurn Head and Prawle Point

SEA

High in the north and northwest and at Biarritz, rough at our western stations generally and on the southern side of the Channel, moderate off our east coast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 31st December 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.
Skudesnaes ...	?28·45	36	35	SE	2	c	4
Sumburgh Head	28·75	31	31	NNW	5	s	5
Stornoway	29·15	37	36	NNW	8	s	8
Aberdeen	28·91	33	31	NW	7	csq	5
Shields	29.00	39	35	W	5	b	3
Ardrossan	29.16	40	39	NW	8	c	6
Malin Head ...							
Belmullet	29.70	42	39	NW	5	cp	*
Holyhead	29.37	42	39	NW	10	cq	8

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.89	45	40	NW	8	cpqw	7
Scilly	29.80	48	44	NW	9	ctq	6
Jersey	29.69	48	42	NW	7	bcq	6
Hurst Castle ...	29.49	?42	42	WNW	8	bcq	6
Dungeness ...	29.34	43	40	WNW	6	bc	6
North Foreland	29.28	42	38	W	7	b	5
London (Westminster)	29.36	44	38	WNW	5	bcq	*
Yarmouth ...	29.11	40	37	WNW	6	cq	4
Rochefort ...	29.95	48	46	NW	6	o	*

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

Weather in morning squally and showery over the United Kingdom generally, with snow at several of the northern stations. Cloudy or overcast in all but the southern European countries, with snow over Finland, the Baltic, and many parts of Scandinavia. Thunderstorm reported at Tunis. Snow or sleet falling during day over the greater part of Western and Northern Europe, and rain at several of the Italian stations. Lightning seen in the southwest of England at night.

Temperature risen in France and the southeast of England, as well as in Sweden and Russia, but fallen elsewhere. Morning readings highest (1) 54° at Malta, 51° at Algiers, and 49° at Pantellaria; (2) 50° at Lorient, 49° at Brest, and 48° at Jersey and Rochefort. Lowest (1) 14° at Munich and 20° at Vienna; (2) 19° at Haparanda, Uleaborg, and Kuopio, and 21° at Moscow, below the freezing point in most parts of northern, eastern, and central Europe, and very little above it over the northern parts of Great Britain. Daily maxima below 40° in the north of our Islands, and below 45° at many of our Southern stations, but thermometer reaching 50° or more in the west and south of France.

Wind strong to a gale from the NW. in the north and west of our Islands, from the W. on our eastern, southern and the French coasts, from the SW. over Germany and the Baltic, and from the S. over Finland and the north of Sweden. Light and variable over southern and southeastern Europe. Subsequently veering to the NW. over England and France; severe gale from the same quarter blowing on many parts of our north and northwest coasts.

Barometer highest 30·4 ins: and upwards over Central Spain; 30·0 ins: and upwards over southern Europe generally. Lowest 28·4 ins: and less, in a depression lying to the westward of Norway, and also in a secondary disturbance over Central Sweden; gradients slight over Scandinavia, but steep in all other parts of northwestern, northern and Central Europe. Depression in north subsequently moving eastwards. Barometer rising in most parts of the United Kingdom,—quickly in the north.

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 Monday, 31st December, 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 ...	29·23	22	S	0	0	29·47	+·61	28	28	0	S	0	0	*	0	*	30	19	0·04
	Hernösand ...	28·96	33	NE	4	3	29·23	+·48	33	30	+2	NE	4	0	*	3	*	34	9	0·20
	Stockholm ...	28·91	31	S	0	0	29·21	+·45	28	27	−3	S	0	0	*	0	*	34	27	0·08
	Wisby	29·04	32	S	6	0	29·21	+·44	33	32	0	S	4	bc	*	0	*	36	28	0·24
	Bodö	29·13	34	NE	2	b	29·45	+·65	23	20	−2	ENE	2	b	1	b	*	25	21	-
	Christiansund ...	29·02	36	N	3	bc	29·40	+·68	30	28	−5	E	4	b	3	bc	*	36	28	0·04
	Skudesnaes ...	?28·99	35	NNW	4	c	?29·22	+·43	32	31	+2	NNW	4	b	2	c	*	35	30	?
	Færder (Christiania Fjord)	?	27	NNE	2	b	29·22	+·49	27	26	0	NNE	4	c	2	b	*	28	25	-
	Skagen (The Scaw)	28·91	33	S	0	bc	29·13	+·44	33	30	−1	NE	1	c	0	bc	*	36	25	0·04
	Fanö	28·97	31	S	0	b	29·08	+·32	31	31	−3	E	2	b	*	b	*	?	30	-
British Islands.	Sumburgh Head	29·33	33	N	6	c	29·65	+·49	32	30	−1	N	6	0	6	c	*	35	29	0·01
	Stornoway ...	29·68	29	NNE	8	sq	29·94	+·41	34	34	0	NNE	7	S	7	c sq	0·1	35	29	0·08
	Wick	29·45	32	N	6	0	29·72	+·42	32	30	−4	N	6	c	6	0	*	38	24	0·32
	Nairn	29·57	30	NW	3	b	29·84	+·41	33	33	−3	NNW	3	c s p	4	sp	*	36	28	0·05
	Aberdeen ...	29·47	30	NW	9	bc	29·73	+·46	34	32	−1	NNW	6	bc q	6	sp	0·4	35	28	0·21
	Leith	29·54	34	NNW	2	bc	29·80	+·47	33	32	−1	NNW	2	c	*	bc	*	38	29	-
	Shields	29·45	33	NW	4	o	29·64	+·39	32	32	−3	NW	5	b	5	sp	*	39	29	0·05
	Spurn Head ...	29·35	35	NW	6	o p s q	29·52	+·38	37	35	0	NNW	5	o q s p	5	q s p	*	38	28	0·14
	York	29·43	34	N	5	b	29·64	+·38	31	?	−4	N	3	b	*	b	*	39	28	0·02
	Loughborough ...	29·47	33	NNW	4	b	29·66	+·35	31	30	−3	N	4	o q m s p	*	c q. b. o. c	*	39	27	-
	Ardrossan ...	29·62	34	N	3	b	29·88	+·48	38	32	−4	N	3	bc	2	b	*	40	30	-
	Malin Head ...	29·75	34	N	7	b q h	29·95	+·44	37	35	−2	N	7	o s p	5	b c q h	*	41	31	-
	Belmullet ...	29·87	37	NW	5	c q p h	30·14	+·40	37	35	0	NNW	7	o	*	q h p	*	40	33	0·92
	Donaghadee ...	29·66	38	NNW	6	b	29·89	+·43	37	35	0	N	8	b	6	b	*	42	33	0·02
	Liverpool (Bidston)	29·57	36	NNW	4	b	29·78	+·39	34	33	−4	NNW	4	b	4	b	*	41	33	-
	Holyhead ...	29·60	36	NNE	6	q s q	29·89	+·37	39	34	0	NNE	7	c	6	s q q	*	43	33	0·24
	Parsonstown ...	29·82	33	W	1	b	30·05	+·37	26	26	−7	S	0	c	*	b. s	3·2	36	25	0·07
	Valencia ...	29·92	38	NNE	6	bc q	30·11	+·32	40	35	−3	N	6	bc q	5	bc h q	2·1	44	34	0·85
	Roche's Point ..	29·77	38	NNW	5	b	30·06	+·34	35	33	−4	N	5	b	4	r s p.	*	42	33	0·10
	Pembroke (St. Ann's Hd.)	29·68	36	NE	2	c	29·83	+·26	35	33	−4	NE	3	b c q s	4	c	1·6	40	31	0·11
	Scilly	29·63	43	NNW	7	c	29·85	+·21	37	36	−4	NNE	7	S	5	c, l	2·1	45	35	0·03
	Prawle Point ...	29·60	35	W	2	b c	29·74	+·17	29	28	−6	NNW	3	b c	3	b c, s p l	*	43	28	-
	Jersey (St. Anbin's)	29·52	41	NW	4	b c	29·68	+·15	34	33	−7	NNW	4	o m s	3	b c h s q	*	44	33	0·03
	Hurst Castle ...	29·49	35	NW	2	b	29·69	+·24	30	29	−5	NNW	4	o s p	2	b	*	41	29	-
	Dungeness ...	29·33	35	NW	5	b c	29·54	+·24	28	28	−3	NNW	4	b c	3	S, b c	*	37	28	0·01
	North Foreland	29·29	37	NW	7	b c q s p	29·51	+·24	33	30	−1	NW	6	b	5	b c, q s p	*	37	30	-
	London (Brixton) ...	29·42	36	NW	4	b	29·61	+·27	30	28	−3	NW	1	b c	*	q p s. b c	0·0	38	28	-
	Oxford	29·53	32	NNW	3	b	29·68	+·29	29	28	−4	NNW	3	b	*	s p, b	*	38	27	-
	Cambridge ...	29·39	34	NNW	5	b	29·59	+·30	31	30	−1	NNW	4	o	*	b	2·7	38	27	0·02
	Yarmouth ...	29·22	37	NNW	6	c q	29·46	+·29	35	34	+3	NW	4	o q	5	s q h	*	37	30	0·16
Germany & Holland.	Cuxhaven ...	28·92	38	SSW	1	b c	29·13	+·26	36	35	0	W	2	c	*	b c	*	39	30	-
	Berlin	29·12	31	NSW	1	b	29·17	+·15	28	27	−8	SE	2	b	*	b	*	37	28	-
	Wiesbaden ...	*	*	*	*	*	29·24		32	31		S	0	s	*	*	*	37	30	-
	Munich	29·24	29	SW	2	0	29·27	−03	24	23	−7	SW	5	3	*	0	*	34	23	0·04
	The Helder ...																*			
France & Belgium.	Brussels ...	*	*	*	*	*	29·42	+·17	32	32	−1	W	1	0	*	0	*	35	32	0·82
	Cape Gris Nez...	29·29	38	N	5	b	29·47	+·14	32	29	−4	N	5	0	5	b	*	33	30	-
	Paris	29·38	33	NNW	2	S	29·50	+·12	34	32	0	NNW	4	c	*	s	*	39	33	0·08
	Brest	?	36	NNE	5	S	?	?	36	34	−9	E	3	t	4	S	*	45	32	0·04
	Lorient... ...	29·60	42	NNW	6	b c	29·69	+·04	37	33	−5	N	5	b c	3	b c	*	45	30	-
	Rochefort ...	29·69	36	NE	5	c	29·68	−·04	35	34	−11	NE	5	0	*	c	*	46	32	-
	Belfort	?	28	W	2	S	?	?	31	30		NW	2	S	*	S	*	38	24	0·39
	Lyons	29·50	35	W	3	b	29·50	−·02	31	31	−2	NW	3	0	*	b	*	38	27	0·04
	Nice	29·25	36	NNW	1	b	29·28	−·13	34	25	−7	NE	5	b	3	b	*	46	30	-
	Perpignan ...	29·59	40	NW	3	0	29·55	−·17	37	33	−5	NW	4	b	*	0	*	50	36	0·16
	Biarritz ...	29·60	45	N	5	t	29·65	−·15	35	32	−17	S	3	t	6	t h	*	52	30	
Penin-sula.	Corunna ...																*			
	Lisbon	30·12	53	NW	4	0	30·02		53	50		NNW	4	0	*	0	*	57	52	-
	Azores (P. Delgada)	[illegible]·57	56	ENE	4	c	30·54	−·03	57	52	0	?	4	bc	?	c	*	59	?	-

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, 31st December, 1894.

BAROMETER, WIND AND SEA.

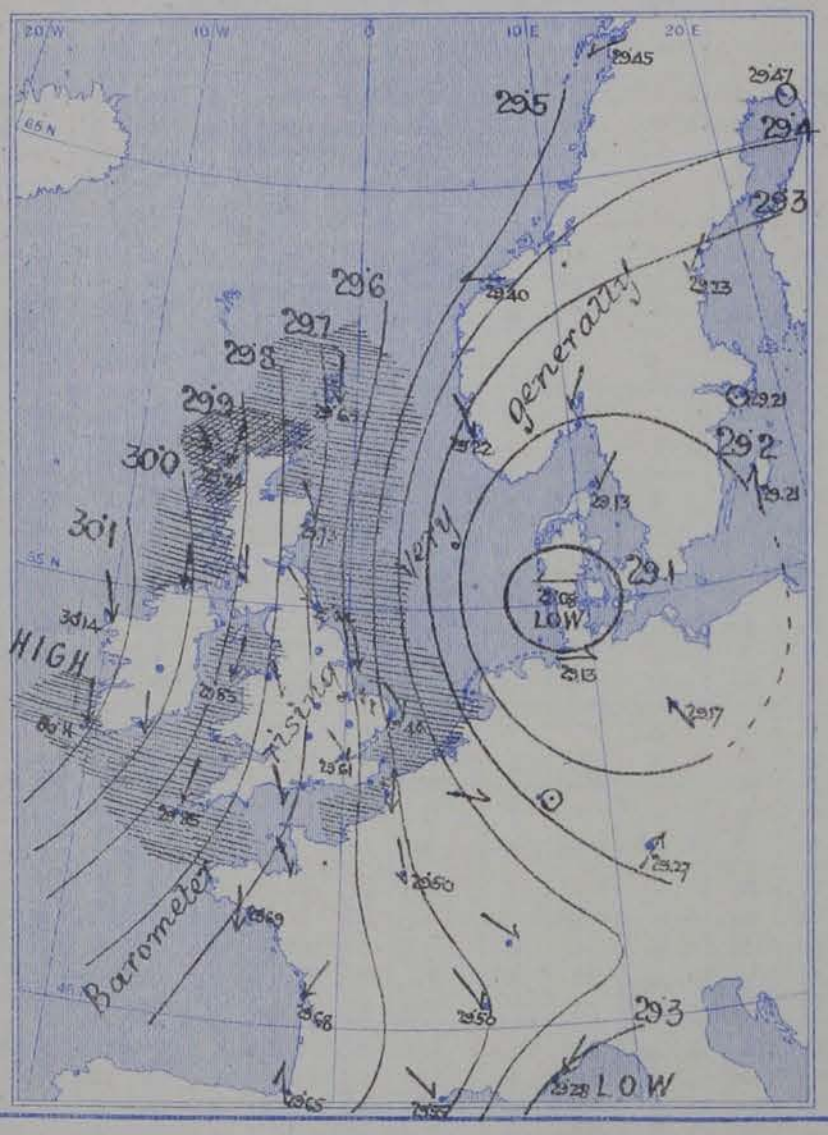
BAROMETER—Isobars are drawn for each tenth of an inch.

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 DECEMBER.*

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	29·678	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	14·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	42·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·9	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	10·4	8
Oxford	29·955	37·9	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 ins. and upwards, in an anticyclone lying to the westward of our Islands.
Lowest, 29·1 ins. and less, in a depression over Denmark.
Gradients rather steep over the North Sea, and moderate over our Islands, but slight elsewhere.
Barometer rising generally,—most in the north.

TEMPERATURE

Highest, 55° at Lisbon, 40° at Valencia (Ireland) 35° at Holyhead, and 37° at Belmullet, Donaghadee, Scilly, Lorient, and Perpignan.
Lowest (1) 20° at Carlstadt, 23° at Bodö, and 24° at Munich (2) 26° at Lowestoft, and 28° at Oxford and Tempsford.
Sharp frost occurred last night over nearly the whole of the United Kingdom, the lowest temperatures registered in the area being 24° at Wick and 25° at Lowestoft.

WIND

N^ly over our Islands and France, and strong in force on our western and extreme northern coasts.
Light to moderate from the E^ly or NE^ly in Scandinavia and Denmark.
W^ly or SW^ly at some of the German stations.

WEATHER

Very changeable over Western Europe generally, with snow showers in many places.
Fine and bright in the extreme south of France.
Snow or hail showers fell yesterday in nearly all parts of the United Kingdom, and heavy rain 2·0 ins. at Killarney. Lightning was seen last night at Rockall and Prawle Pt.

SEA

High at Stornoway and rough or rather so on nearly all parts of our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer continues to rise generally and the wind over our Islands seems to moderate gradually. Temperature will probably continue to fall in most places, with snow showers locally.

FORECASTS

For the 24 hours ending at NOON on 1st JANY 1894.5

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	N^ly winds, moderating in force; very cold, with snow showers in places.	6 SCOTLAND WEST	Same as No. 0 & 1.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.	Same as No. 5.	8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH	N^ly winds, moderate or fresh; very cold with snow showers in places.	WARNINGS	None issued

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	28·93	35	33	NNW	4	o	3
Sumburgh Head							
Stornoway	29·65	39	32	NNE	8	c	8
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29·67	38	36	N	7	bc	5
Belmullet	29·82	40	38	NW	7	c	#
Holyhead							
Valencia							
Scilly							
Jersey	29·52	43	38	NW	5	c	5
Hurst Castle ...							
Dungeness ...	29·29	38	33	NW	5	S	4
North Foreland	29·28	35	34	NNW	6	bc	5
London (Westminster)							#
Yarmouth ...							
Rochefort ...	29·68	44	40	NW	6	o	#

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

Weather squally and changeable over Western Europe, generally, with snow showers at several of our more western & northern stations, as well as in some parts of Scandinavia, Denmark and northern Russia. Cloudy or dull in most of the Central & southern Countries, with rain in Italy, Greece & the extreme south of France and with snow at Pesaro. Snow or hail falling during day in most parts of western Europe and heavy rain at Biarritz. Lightning seen on our southwest coast at night.

Temperature risen in most of the Central & southern countries & also over Northern Russia, but fallen elsewhere. Morning readings highest 53° at Malta, 52° at Biarritz, 51° at Lesina & 50° at Algiers; above 45° at most of the Mediterranean stations & also in the west of France. Lowest 18° at Moscow, 22° at Archangel, 25° at Bodö & 26° at Kharkov & Lemberg; below the freezing point in many parts of northern, eastern & Central Europe, ranging between 32° & 25° over a considerable portion of Great Britain. Daily maxima below 40° at all but our W. & SW. coast stations; sharp frost occurring in nearly all parts of W. Europe at night.

Wind strong to a gale from the N^w in the north of Scotland & from the NW. over the remainder of our islands as well as in France & the Netherlands. Moderate to strong from the SW. in Germany; light or moderate from the S. over Russia & the Baltic; Calm in Sweden; NE^ly in the northwest of Norway, W^ly over the southern part of Italy, but NE^ly in the north of that Country. Subsequently veering to the W^w over the United Kingdom generally; gale continuing in the north, but extending gradually elsewhere.

Barometer highest 30.0 ins. & upwards over Algeria & the Central & southern part of Spain; 29.9 ins & upwards over Central Russia. Lowest 28.7 ins. & less in a depression over the south of Sweden; Gradients rather steep over W^n Europe generally. Depression subsequently moving slowly southward & partially filling up; numerous small secondary disturbances passing across our islands during day.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD
FROM THE 23RD TO THE 29TH DEC. 1894.

At the commencement of this week the storm of Dec. 22nd was dying out over northern Europe, and, after a rapid recovery of pressure, a shallow "V"-shaped system was moving very slowly to the eastward across England. Slight showers had occurred very generally while this took place, but over Northern Europe large depressions were following one another from west to east and causing rough weather over Scandinavia and the Baltic.

On Wednesday the barometer was becoming high, and rising over our islands, especially in the west, and on Thursday at noon a maximum of 30.93 ins. was registered at Valencia (Ireland) - a value which would have been beyond record, except for the reading of 30.96 ins. registered in January 1891.

Immediately on this high value, however, a complex disturbance reached the northern part of our area, and spreading southward very rapidly brought about strong W^ly & NW^ly gales on all our coasts, with squalls of snow, sleet and cold rain, and thunder & lightning in Scotland and Ireland. The changes of pressure in this disturbance were scarcely so sudden as in that of the previous week, but were nevertheless very large; nor were the gales which accompanied them equal in violence to those of the earlier depression.

At the close of the week the barometer was rising again and colder weather seemed to be coming on, with NW^ly and N^ly winds.

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.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday	Wind. Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
1	Corunna	30·12	55	ENE	6	bc	30·01	-·13	52	46	0	E	7	b	4	bc	-	55	43	-
3	Corunna	29·86	61	SE	2	o	29·91	-	55	51	-	S	1	f	3	o	-	64	43	-
4	Corunna	29·81	59	NE	1	m	29·76	-·15	54	52	-1	S	3	o	4	m	-	68	50	0·04
5	Corunna	29·82	58	NE	2	o	29·93	+·17	53	52	-1	NNE	7	o	4	o	-	59	50	0·43
6	Corunna	29·93	57	NE	5	o	30·18	+·25	51	49	-2	SSW	1	m	5	o	-	59	46	0·12
7	Corunna	30·16	51	NE	5	o	29·97	-·21	52	50	+1	SSW	6	r	4	o	-	54	41	0·04
10	Skagen	30·15	37	calm	0	o	30·23	+·14	39	39	-1	calm	0	m	0	o	-	41	34	0·08
..	Belfort	?	34	E	2	c	?	?	27	-	-	E	2	m	-	c	-	41	24	-
..	Corunna	30·01	60	S	5	o	30·09	+·13	58	55	+1	S	3	c	3	o	-	61	52	-
11	Corunna	29·40	60	SSW	5	b	30·16	+·07	58	55	0	S	4	m	4	b	-	64	52	-
12	Belfort	?	25	NE	2	m	?	?	24	-	-	ENE	1	c	-	m	-	30	23	-
..	Corunna	30·26	41	SSW	5	o	30·35	+·19	51	53	-1	ENE	4	o	5	o	-	63	50	0·08
13	Corunna	30·23	58	E	3	bc	30·31	-·04	51	46	-6	SE	5	b	4	bc	-	61	43	-
14	Corunna	30·36	57	E	5	bc	30·38	+·07	51	47	0	S	4	b	3	bc	-	59	45	-
15	Brussels	-	-	-	-	-	29·89	-·41	47	-	+9	SW	5	r	-	o	-	49	37	0·04
..	Belfort	?	32	W	1	m	?	?	34	-	-	W	1	r	-	m	-	37	24	0·16
17	Corunna	30·47	57	NE	5	b	30·40	-	38	36	-	S	4	b	3	b	-	57	34	-
18	Corunna	30·34	52	N	4	b	30·32	-·08	51	50	+13	S	4	r	4	b	-	54	37	0·04
19	Corunna	30·25	57	SW	5	o	30·34	+·02	54	51	+3	NW	7	o	5	o	-	59	43	0·47
20	Ytre Holder	29·41	44	WNW	7	r	29·53	+·21	43	-	-1	NNW	6	o	4	r	-	46	41	0·20
..	Corunna	30·38	55	SSW	6	o	30·45	+·11	53	51	-1	NE	5	o	5	o	-	57	46	0·04
21	Corunna	30·49	55	N	5	o	30·54	+·09	51	47	-2	SW	3	m	5	o	-	55	46	0·04
22	Haparanda	29·69	44	SSW	6	s	29·30	-·80	29	-	+19	SW	2	o	-	s	-	?	5	0·12
..	Hernösand	29·54	31	S	9	s	29·36	-·67	34	32	+8	S	6	o	-	s	-	32	23	0·04
..	Stockholm	29·79	35	SE	2	o	29·56	-·52	35	34	+6	SSW	4	o	-	o	-	36	28	-
..	Visby	29·87	35	SSW	4	o	29·70	-·32	37	35	+1	SSW	6	o	-	o	-	37	32	0·08
..	Bodö	29·13	34	SE	4	o	28·98	-·49	35	34	+2	WSW	7	b	4	o	-	35	30	-
..	Christiansund	29·29	40	WSW	6	bc	28·95	-·67	41	38	+4	E	3	o	4	bc	-	41	37	-
..	Skudesnaes	29·54	44	NW	4	c	28·73	-1·09	43	42	+7	SSE	9	r	7	c	-	44	36	-
..	Faerder	29·60	39	SSE	8	r	29·18	-·83	42	41	+13	SSE	8	r	5	r	-	?	28	-
..	Sumburgh Hd	.	-	.	.	.	28·28	-1·26	46	46	+4	N	3	r	4	o	-	47	40	1·01
..	Stornoway	.	-	.	.	-	28·71	-1·01	41	41	0	N	10	r	8	r	0·0	49	38	1·24
..	Wick	29·47	42	S	6	o	28·29	-1·37	43	43	+3	NW	8	r	4	o	.	47	37	0·50
..	Stairn	29·40	43	SW	1	bc	28·24	-1·51	42	42	0	NW	4	r	1	bc	-	48	38	0·16
..	Aberdeen	.	-	-	-	-	28·19	-1·60	41	39	+1	NW	7	bcgq	5	ogrq	0·2	49	39	0·18
..	Leith	29·59	44	WSW	2	o	28·28	-1·56	49	43	+1	W	6	o	-	or	-	52	35	0·35
..	Shields	.	.	.	.	.	28·39	-1·49	44	43	+4	SW	8	r	2	o	-	49	33	0·08
..	Aarossan	.	-	-	-	-	28·60	-1·29	45	44	-2	NW	8	r	9	rm	-	50	34	0·50
..	Malin Head	-	-	-	-	-	29·07	-0·84	40	40	-7	NW	12	o	8	or	-	50	40	0·35
..	Belmullet	-	-	-	-	-	29·59	-·37	46	42	-1	NW	10	bc	-	or u	-	52	41	1·00
..	Corunna	30·38	55	SW	4	o	30·34	-·20	54	-	+3	SW	5	o	4	o	-	57	45	-
..	Sumburgh Hd 2pm	-	-	-	-	-	28·88	-	38	36	-	N	9	o	7	-	-	-	-	-
..	Shields 2pm	-	-	-	-	-	29·04	-	46	43	-	W	8	o	4	-	-	-	-	-
..	Malin Head 2pm	-	-	-	-	-	29·57	-	44	41	-	NNW	8	c	6	-	-	-	-	-
..	Belmullet 2pm	-	-	-	-	-	29·94	-	49	46	-	W	2	c	-	-	-	-	-	-
23	Sumburgh Head	29·24	37	N	8	o	29·54	+1·26	45	42	-1	W	3	c	4	o	-	46	37	0·38
..	Malin Head	29·79	43	W	6	b	29·93	+0·86	43	42	+3	SSW	5	op	3	b	-	46	40	0·03
24	Haparanda	29·37	21	calm	0	b	29·38	+·12	19	18	-13	WSW	2	bc	-	b	-	32	19	0·16
..	Hernösand	29·58	24	calm	0	b	29·63	+·38	34	33	0	calm	0	bc	-	b	-	37	23	-
..	Stockholm	29·70	34	calm	0	o	29·88	+·58	?	?	?	WSW	2	bc	-	o	-	39	32	0·20
..	Visby	29·69	39	NE	8	o	29·98	+·71	38	36	+1	NW	4	b	-	o	-	39	34	0·08
..	Bodö	29·17	32	SW	6	s	29·26	-·02	35	34	+7	WSW	7	m	4	s	-	?	25	-
..	Christiansund	29·57	39	WSW	8	r	29·70	+·32	43	42	+7	WSW	8	r	5	r	-	43	36	0·91
..	Skudesnaes	29·81	45	NW	4	bc	29·99	+·39	44	43	+5	WSW	2	b	3	bc	-	45	39	?
..	Faerder	29·76	41	WSW	2	b	29·93	+·57	42	41	+2	WSW	4	c	?	b	.	?	?	-
..	Skagen	29·82	44	NW	2	b	30·00	+·72	42	40	+2	NW	2	bc	0	b	.	44	37	-
..	Faus	30·01	42	NW	4	bc	30·13	+·55	41	40	-1	N	4	b	-	bc	-	45	41	-
..	Sumburgh Hd	29·70	45	W	3	bc	29·88	+·34	46	45	+1	W	3	o	4	b	-	47	43	0·10
..	Stornoway	29·78	44	WSW	2	o	29·93	+·20	45	45	+1	WSW	1	o	1	o	0·04	45	40	0·04
..	Wick	29·75	40	S	1	o	29·92	+·24	40	39	0	S	1	bc	1	c	-	44	39	-

REPORTS FOR DEC.R 1894.

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY (continued).

DATE.	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperatures. Dry Bulb.	Temperatures. Wet Bulb.	Temperatures. 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.
24	Nairn	29.82	43	W	1	bc	29.96	+.19	40	39	-2	E	0	0	1	bc	-	46	34	-
"	Aberdeen	29.91	41	SW	3	b	30.01	+.17	36	35	-2	SW	1	bcm	1	b	0.0	43	35	-
"	Leith	-	-	-	-	-	30.02	+.12	40	40	-1	SE	1	0	.	-	-	46	34	-
"	Shields	29.96	44	SW	1	bc	30.03	+.07	42	42	-1	SW	1	[illegible]	2	bcp	-	48	40	-
"	Spurn Head	30.08	40	SSW	3	c	30.06	+.01	45	44	+3	S	3	[illegible]	3	cgp	-	45	40	0.02
"	Malin Head	29.80	44	SSE	5	0	29.99	+.06	47	47	+4	NW	1	0	.	0	-	47	43	0.02
"	Biarritz	30.47	48	E	2	b	30.37	-.01	45	-	-1	SSE	4	r	4	b	-	54	43	-
"	Corunna	30.54	55	NW	4	b	30.50	-	49	48	-	SE	5	[illegible]	4	b	-	57	41	0.08
"	Skudenaes 2pm	-	-	-	-	-	30.13	-	46	45	-	E	0	0	2	-	-	-	-	-
"	Sumburgh Head 2pm	-	-	-	-	-	29.94	-	46	45	-	W	2	0	4	-	-	-	-	-
"	Aberdeen 2pm	-	-	-	-	-	30.06	-	39	38	-	NW	9	cm	1	-	-	-	-	-
"	Malin Head 2pm	-	-	-	-	-	30.14	-	47	47	-	W	2	0	2	-	-	-	-	-
25	Tristy	30.15	44	W	4	b	30.26	+.28	41	-	+3	NW	4	b	-	b	-	41	34	-
"	Sumburgh Hd	30.02	45	WNW	1	bc	30.13	+.25	46	45	0	SSW	1	0	3	bc	-	47	42	0.02
"	Malin Head	30.17	45	SSW	1	b	30.35	+.34	50	50	+3	WSW	4	02m	2	b	-	50	44	0.02
"	Lisbon	30.39	53	NNW	4	b	30.37	-.07	51	-	+5	NNE	5	b	-	b	-	57	46	-
26	Sumburgh Hd	30.02	49	W	4	0	29.95	-.18	42	40	-4	W	8	0	6	r.0	-	49	42	0.14
"	Malin Hd	30.41	49	SW	5	0	30.45	+.12	46	44	-4	NW	5	0p	3	0m	-	50	46	0.03
"	Corunna	30.51	57	NW	4	0	30.53	-	56	50	-	NE	5	b	4	0	-	59	46	-
27	Corunna	30.51	57	NE	3	b	30.54	+.01	54	50	-2	NE	2	0	3	b	-	57	46	-
28	Malin Head	30.74	44	NW	4	b	30.18	-.51	45	45	-1	SW	7	0dp	4	b.bp	-	46	43	0.05
"	Corunna	30.53	53	NE	4	c	?	?	52	45	-2	NE	5	0	5	c	-	55	46	-
"	Malin Hd 2pm	-	-	-	-	-	29.68	-	48	47	-	W	8	0	6	-	-	-	-	-
29	Malin Head	29.50	41	WNW	9	0q	29.21	-.97	38	37	-7	NW	10	0hq	7	-	-	49	36	0.07
"	Corunna	30.54	52	NE	6	c	30.42	-	53	-	+1	NW	4	0	4	c	-	54	45	-
"	Malin Hd 2pm	-	-	-	-	-	29.33	-	38	37	-	NW	9	c	7	-	-	-	-	-
31	The Helder	29.13	38	NNW	5	0	29.93	+.33	40	-	+1	NNW	6	0	4	0	-	43	37	0.16

2. CORRECTIONS

1	Sumburgh Hd	-	-	-	-	-	30.24	-.09	-	-	-	-	-	-	-	-	-	-	-	-
2	Belmullet	30.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Aberdeen	-	-	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Loughborough	-	-	-	-	-	29.87	+.09	-	-	-	-	-	-	-	-	-	-	-	-
7	Hurst Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-
"	North Foreland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-
11	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No rain
"	Hurst Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	-
"	Oxford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-
12	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	-
13	Loughborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	-
14	Cambridge	-	-	-	-	-	30.15	+.02	-	-	-	-	-	-	-	-	-	-	-	-
15	Dungeness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08
16	Hurst Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	-
"	Cambridge	-	-	-	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11
"	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09
18	Scilly	30.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Belmullet	-	-	-	-	-	-	-	-	-	-	WNW	-	-	-	-	-	-	-	-
"	Liverpool	29.20	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-
21	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	-	-	-
22	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.50
"	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	-
23	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
-	Hurst Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-
25	Haparanda	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	?	-	-
27	North Foreland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06