12586

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY TO 30TH JUNE, 1897.

DAILY WEATHER REPORT.

January to June 1897.

Wyman and Sons, Cr Lith London 5718/97

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 1st April, 1897.

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 ...	29.16	24	N	2	b	29.17		23	23		NE	2	o	5	b	*	34	21	-
	Hernösand ...	29.52	20	NW	0	b	29.16		19	17		NW	0	f	*	b	*	34	19	-
	Stockholm ...	29.13	34	NW	0	o	29.13	+.22	35	32	+2	S	2	b	*	o	*	37	30	0.04
	Wisby	29.28	34	WSW	4	b	29.18	+.09	32	32	-3	SSW	4	b	*	b	*	39	30	-
	Karlstad ...	29.12	33	SSW	2	b	29.05	+.04	34	33	+3	SW	2	S	*	b.s	*	*	*	0.12
	Bodö	29.14	30	E	2	b	29.10	-.04	32	30	-1	E	2	c	1	b	*	37	28	-
	Christiansund ...	29.08	35	NE	1	bc	29.11	+.14	33	32	-3	NW	0	S	3	bc	*	41	32	0.08
	Skudesnaes ...	29.11	37	W	6	c	29.05	-.08	34	32	0	NW	0	c	2	c	*	41	28	*
	Færder (Christiania Fjord)	29.04	35	SW	5	bc	29.04	-.01	32	31	-2	NNW	2	m	3	bc	*	36	30	-
	Skagen (The Scaw)	29.16	35	W	3	b	29.07	-.13	37	35	+1	W	3	b	0	b	*	41	34	-
	Fanö	29.27	34	W	2	b	29.13	-.23	33	31	0	NW	0	b	*	b	*	39	32	-
	Sumburgh Head	29.24	34	NW	3	o	29.26	.00	34	32	+1	N	4	o	6	shp.o	*	39	32	0.09
	Stornoway ...	29.45	35	NNE	4	S	29.38	-.11	32	32	+1	N	3	o S	4	c.o	6.6	38	29	0.08
	Wick	29.32	33	NW	3	o	29.26	-.11	35	35	-1	N	4	o u	4	o	*	42	32	0.09
	Nairn	29.39	37	NW	2	b	29.30	-.15	34	32	+2	NW	1	bc	1	b.s	*	42	29	0.13
	Aberdeen ...	29.37	36	NW	2	b	29.24	-.17	36	35	+2	NW	5	cqf	3	b,sp,b	11.7	41	31	0.03
	Leith	29.38	39	W	0	c	29.24	-.23	34	32	-4	W	2	c	*	c,s	*	46	29	0.06
	Shields	29.38	36	NNE	2	b	29.19	-.21	34	34	-3	NW	3	c s p	3	c,b	*	40	28	-
	Spurn Head ...	29.35	38	NE	3	ov	29.12	-.23	39	36	+2	NNE	4	cv	4	r.c	*	39	36	0.05
	York	29.37	38	N	1	o	29.18	-.17	35	33	0	N	1	b	*	o	0.0	39	26	0.02
	Loughborough ...	29.33	38	ENE	2	o	29.13	-.22	36	34	-4	NNE	3	om	*	r.om	*	44	34	0.14
British Islands.	Ardrossan ...	29.37	40	NNE	1	bm	29.26	-.17	37	36	+4	NNW	1	om	1	bm	*	44	29	-
	Malin Head ...	29.40	37	NE	3	b	29.31	-.13	38	35	+1	NE	4	c	2	b	*	40	33	
	Belmullet ...	29.39	40	ENE	4	b	29.38	-.07	37	30	-2	ENE	1	c	*	b	*	44	29	
	Donaghadee ...	29.38	40	ENE	4	c	29.28	-.13	39	35	+1	NNE	5	bc	3	c	*	42	35	-
	Liverpool (Bidston)	29.33	38	ENE	3	o	29.19	-.17	35	31	-4	NE	2	bc	2	og	*	42	30	-
	Holyhead ...	29.31	41	NE	4	ogm	29.21	-.14	38	34	-3	NE	4	bc	3	cm.ogm	*	44	34	-
	Parsonstown ...	29.32	39	E	1	o	29.29	-.09	36	32	-2	NE	1	b	*	ogr.m	0.0	42	30	0.02
	Valencia ...	29.18	45	NE	5	og	29.30	-.02	40	36	-8	NNE	5	bcq	4	c.og	2.8	52	36	0.07
	Roche's Point ..	29.24	43	ESE	5	o	29.24	-.09	37	36	-9	NNE	4	o	4	p,o,a	*	48	36	0.20
	Pembroke (St. Ann's Hd.)	29.25	44	NE	1	o	29.11	-.23	37	36	-9	E	4	og	4	o	0.2	47	36	0.06
	Scilly	29.28	50	SSW	3	o	29.00	-.30	45	45	-5	NNE	5	r	4	bcp,o	6.6	53	42	1.02
	Prawle Point ...	29.29	47	WSW	4	c	28.93	-.46	37	37	-10	NNE	7	o	6	c,r	*	51	36	
	Jersey (St. Aubin's)	29.36	50	W	5	cgmp	28.84	-.64	50	49	+1	WSW	6	orm	4	mp,r	*	54	49	
	Hurst Castle ...	29.26	49	WSW	4	cm	28.91	-.50	40	40	-8	NE	5	r	3	bc.c.r	*	52	40	
	Dungeness ...	29.29	47	SW	4	c	28.88	-.55	44	44	-3	NE	4	r	3	r.c	*	53	43	
	North Foreland	29.26	51	SW	2	o	28.93	-.57	40	39	-3	NE	6	r	5	c.o	*	53	39	
	London (Brixton) ...	29.28	44	NE	2	ogr	29.00	-.41	35	34	-11	NE	4	ors	*	c,hr,o	1.1	56	35	0.48
	Oxford	29.26	39	NE	2	r	29.05	-.32	33	33	-12	NNE	3	ors	*	r	*	51	33	
	Cambridge ...	29.30	40	NE	4	o	29.07	-.31	34	34	-9	NE	3	S	*	or	0.0	47	32	
	Yarmouth ...	29.31	40	ENE	5	cq	29.06	-.31	38	34	-4	NE	5	cqv	5	c.p.q	*	45	35	0.10
Germany & Holland.	Cuxhaven ...	29.28	41	N	3	o	29.12	-.27	32	32	-3	ENE	3	S	*	r.os	*	46	30	0.16
	Berlin	29.39	44	SSW	3	o	29.19	-.44	44	42	+9	SSW	3	b	*	o	*	52	35	0.04
	Wiesbaden ...	*	*	*	*	*	29.10	-.53	45	45	+8	SE	1	r	*	*	*	46	37	0.20
	Munich... ..	29.55	49	SW	2	o	29.30	-.38	47	44	+5	E	5	bc	*	o	*	57	39	0.04
	The Helder ...	29.30	38	NE	4	r	29.05	-.33	36	35	-6	ENE	6	r	3	r	*	46	36	0.39
Belgium.	Brussels ...	*	*	*	*	*	28.95	-.54	42	42	-3	NE	2	r	*	o	*	50	42	0.28
	Cape Gris Nez...	29.30	47	SW	4	o	28.94	-.52	43	42	-2	ESE	3	r	3	o	*	52	41	0.28
	Paris	29.42	44	E	2	c	29.00	-.56	52	50	+5	SW	4	c	*	c	*	53	46	1.22
	Brest	29.44	50	W	3	r	28.98	-.55	51	47	+1	W	7	o	7	r	*	54	48	0.43
	Lorient... ...	29.43	51	WSW	5	f	29.05	-.53	51	50	+1	W	7	c	7	f	*	59	46	0.59
France &	Rochefort ...	29.54	55	WSW	5	r	29.26	-.39	50	50	-3	W	7	c	*	o.r	*	57	48	0.91
	Belfort	29.54	45	SW	4	r	29.20	-.41	46	46	+8	WSW	6	o	*	r	*	52	38	0.16
	Lyons	29.62	55	W	1	c	29.36	-.35	50	49	+4	S	3	o	*	c,l	*	64	46	0.16
	Nice	29.63	51	NW	0	b	29.53	-.08	50	47	-1	S	1	o	4	b	*	61	46	-
	Perpignan ...	29.72	59	S	2	o	29.50	-.26	51	50	-1	NW	2	b	*	o	*	68	46	-
	Biarritz ...																*			
Peninsula.	Corunna ...																*			
	Lisbon	30.11	58	SW	4	r	30.09	-.01	59	55	+3	W	4	bc	*	r	*	63	56	0.16
	Azores (P. Delgada)	30.19	58	NNE	2	b	30.21	+.15	57	55	-6	W	0	bc	2	b	*	66	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 now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0.3 hrs; Brighton 2.0 hrs; Eastbourne 4.0 hrs; Hastings 2.2 hrs; Ventnor 4.5 hrs.

WEATHER CHARTS

FOR Thursday, 1st April, 1897.

BAROMETER, WIND AND SEA.

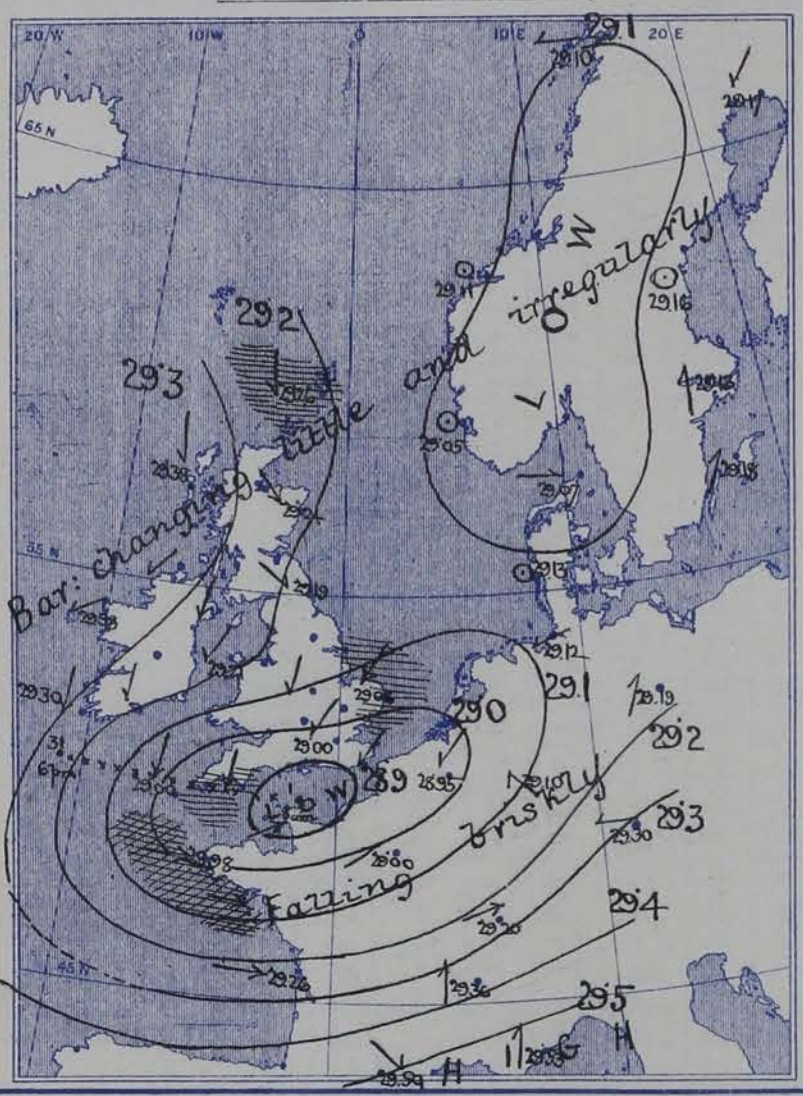
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

Force 8 to 10 ⟶; Force 1 to 4 ⟶; }

SEA—Rough ▤; High ▩

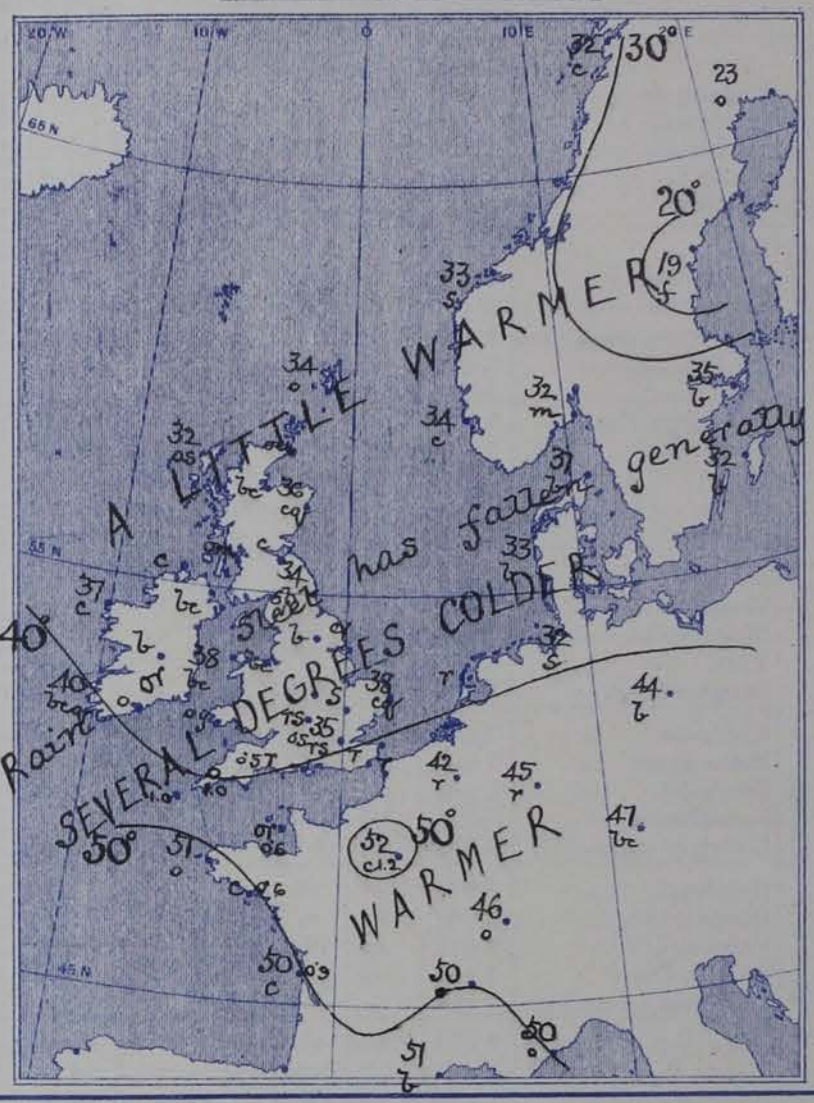


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·860	42·1	40·4	46·2	36·9	54	1893, 94, 95	22	1895	1·95	—	—
Stornoway	29·845	43·8	42·3	49·2	37·1	67	1893	20	1881	2·49	159·0	37
Wick	29·866	43·3	41·3	49·3	37·0	69	1875	23	1892	1·63	—	—
Nairn	29·868	43·0	40·7	51·4	36·9	72	1875	21	1892	1·21	—	—
Aberdeen	29·885	43·5	40·8	49·6	38·0	72	1892	23	1881, 92	1·96	154·0	36
Leith	29·887	44·2	41·8	52·2	37·9	75	1875	23	1881	1·46	—	—
Shields	29·891	43·6	41·4	49·3	38·4	71	1892	25	1892	1·65	—	—
Spurn Head	29·887	44·1	42·4	48·6	40·2	67*	1885	30*	1881, 89	1·35	—	—
York	29·901	43·7	41·6	54·0	37·5	78	1893	22	1881, 91	1·68	139·4	33
Loughborough	29·905	44·1	41·8	55·7	37·7	81*	1893	23*	1891, 92	1·71	—	—
Ardrossan	29·879	44·6	42·4	51·7	39·4	73	1874	26	1892	2·03	—	—
Malin Head	29·855	44·2	42·2	50·1	41·7	—	—	—	—	—	—	—
Belmullet	29·863	46·5	44·3	52·2	42·7	—	—	—	—	2·48	—	—
Donaghadee	29·883	44·8	43·1	51·2	40·5	64	1873, 74, 75	30	1876, 82, 95	1·86	—	—
Holyhead	29·880	46·0	44·0	51·7	42·0	75	1874, 93	31	1881, 92	1·86	—	—
Liverpool	29·892	45·2	42·2	53·0	40·4	75	1893	29	1881	1·54	—	—
Parsonstown	29·883	45·1	42·7	54·9	38·2	73	1893	21	1892	2·04	155·8	38
Valencia	29·871	48·4	45·9	54·3	43·0	70	1892	30	1879, 92	3·67	171·5	42
Roche's Point	29·873	47·0	44·7	53·8	42·4	72	1893	31	1892	3·06	—	—
Pembroke	29·875	45·4	43·7	50·7	42·0	70	1893	30	1879, 81	1·89	185·9	45
Scilly	29·872	48·8	46·8	52·3	44·9	66	1893	32	1876	2·15	—	—
Prawle Point	29·890	46·6	44·9	52·3	41·1	69*	1893	29*	1888	1·94	—	—
Jersey	29·893	48·8	46·1	54·7	43·7	84	1874	32	1871, 76, 92	2·01	196·3	48
Hurst Castle	29·893	45·8	44·4	52·8	41·3	74	1893	26	1887	1·72	—	—
Dover	29·884	46·4	44·1	51·4	41·4	69	1873	25	1892	1·61	—	—
LONDON	29·901	46·2	43·2	56·6	39·8	82	1893	27	1873, 84, 87, 92	1·70	113·9†	28†
Oxford	29·907	44·4	42·1	55·2	38·8	80	1893	23	1892	1·66	152·1	37
Cambridge	29·904	45·7	43·0	56·7	37·1	84	1893	21	1878	1·56	157·7	38
Yarmouth	29·894	44·7	43·0	49·2	40·0	72	1885	25	1878	1·63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest, 30·0 in: and more to 29·5 in: over the Spanish Peninsula, and about 29·4 in: off our extreme northwestern coasts. Lowest, Below 29·1 in: over the greater part of Scandinavia, and below 28·9 in: in a small well formed depression over the English Channel. Gradients steep for W^ly winds over Spain, the Bay of Biscay and France, moderate to slight for N^ly and NE^ly winds over our Islands. Barometer falling fast over our southeastern and eastern counties, changing little and irregularly elsewhere.

TEMPERATURE — Highest, 52° to 50° at most of the French stations, 44° at Berlin. Lowest, (1) 19° to 23° in the northern parts of Sweden; Below 40° almost all over our Islands, and between 33° and 36° over our Inland districts. It has fallen very decidedly over our Islands during the night.

WIND — Moderate from NW. in Scotland, and from NNE. in Ireland: strong from NE. over our southern counties, but blowing a moderate gale from W. on the French coasts.

WEATHER — Fair over our western and northern districts, very unsettled and squally in the south, with cold rain and sleet in many places. The heaviest falls measured this morning were 1·22 in: at Paris, 1·02 in: at Scilly, 0·98 in: at Pembroke, and 0·91 in: at Rochefort. Bright Sunshine recorded yesterday was 11·7 hours at Aberdeen, 6·6 hrs at Stornoway and Scilly, and 4·5 hrs to 2 hrs along our south coast generally.

SEA — Rough in the southwest, south, and east, and at Lemburgh Head, high over the Bay of Biscay, slight at Holyhead.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the Channel is moving eastwards, and the weather over our southern and eastern counties is likely to improve slowly. Very low temperatures are probable over England, Scotland and Ireland tonight.

FORECASTS

For the 24 hours ending at NOON on 2ND APRIL 1897.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NW^ly and N^ly winds; cold, some snow showers.	6 SCOTLAND WEST	N^ly and NE^ly winds, moderate to light; weather cold, but becoming finer.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST	NE^ly winds, strong, with sleet and cold rain, improving later.	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 ...	29·10	40	38	W	7	c	5
Sumburgh Head	29·26	38	37	NW	8	c b p	5
Stornoway	29·49	36	34	NNE	3	o	4
Aberdeen	29·40	40	36	NW	5	b c q s p	8
Shields	29·42	38	35	NNE	3	c	4
Ardrossan	29·40	43	39	NNE	1	b m	1
Malin Head ...	29·45	40	39	NE	4	b	2
Belmullet	29·45	43	38	E	3	b	*
Holyhead	29·35	44	41	NE	3	c m	2
Valencia	29·28	49	46	NNE	4	c	4
Scilly	29·38	53	51	WNW	5	b c p	4
Jersey	29·39	54	52	S	3	o	3
Hurst Castle ...	29·33	52	50	SW	4	b c	3
Dungeness ...	29·36	50	48	SW	4	r	3
North Foreland	29·34	51	49	SW	3	c	2
London (Westminster)	29·29	52	49	W	2	o r	*
Yarmouth ...	29·33	41	40	NNE	3	c	4
Rochefort ...	29·64	55	54	WNW	5	o	*

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

Weather in morning fine and bright over Scotland and the north of Ireland, over central Russia and most parts of south-eastern Europe, dull elsewhere. Very unsettled over Scandinavia (snow in places), raining over Ireland, England, and France. Heavy rain later in several parts of France and the south of England, sleet in many places, and general condition very unsettled.

Temperature rising somewhat over France and the south of our Islands, but falling decidedly at our northern stations, and fall spreading southwards. Morning readings highest 59° to 62° on the southern side of the Mediterranean and exceeding 50° in the south and west of France, 50° at Scilly. Lowest (1) 20° at Archangel, and below 32° over the greater part of northern Europe: (2) 32° to 38° over Scotland, the north of Ireland, and at Parkeston. Rising later to 50° and more over the south of England, to 53° at Paris, 57° at Munich, and 68° at Perpignan, but not touching 40° at several of our northern stations. Succeeding night cold all over our Islands.

Wind (1) light and anticyclonic from N. in Scotland and from NE. over the northern parts of England – fresh NE in the north of Ireland; moderate to light from W. and SW. over the southern parts of our Islands and the north of France; (2) blowing a fresh to strong gale from W. and SW. over the Baltic, and a moderate breeze from SE to E. over Lapland. The NE wind spreading all over our Islands later, and increasing in force in the south. A moderate W gale setting in over the French coasts.

Barometer highest 30·1 ins: to 29·7 ins: over Spain and the south-west of France, and 29·9 ins: to 29·7 ins: over South-eastern Europe; exceeding 29·4 ins: over Scotland and the north of Ireland. Lowest Below 28·9 ins: in a depression having its centre between Stockholm and Finland, and below 29·0 ins: in another over Norway. A trough of low pressure lying across England and the south of Ireland. A further disturbance approaching our south-western coasts later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Friday, 2nd April, 1897.

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 ...	29.21	28	NE	2	o	29.22	+.05	28	27	+ 5	NE	2	bc	#	o	#	36	10	—
	Hernösand ...	29.23	25	NE	4	s	29.32	+.16	23	22	+ 4	E	2	f	#	s	#	34	10	0.04
	Stockholm ...	29.18	30	E	0	b	29.28	+.15	31	29	— 4	E	2	o	#	b	#	41	28	—
	Wisby	29.17	30	W	4	b	29.26	+.08	32	31	0	ENE	4	c	#	b	#	34	27	—
	Karlstad ...	29.15	31	E	0	b	29.32	+.27	30	29	— 4	N	2	s	#	b	#	#	#	0.04
	Bodö	29.15	28	E	4	b	29.18	+.08	30	27	— 2	SE	4	o	1	b	#	36	27	—
	Christiansund ...	29.25	30	WNW	3	s	29.34	+.23	35	32	+ 2	NNW	5	s	5	s	#	36	30	0.24
	Skudesnaes ...	29.17	37	NNW	4	b	29.33	+.28	34	31	0	NNE	4	b	2	b	#	45	30	#
	Færder (Christiania Fjord)	29.15	36	NW	1	c	29.32	+.28	32	29	0	NNW	4	bc	2	c	#	36	32	—
	Skagen (The Scaw)	29.18	34	NE	1	o	29.30	+.23	36	35	— 1	E	1	o	0	o	#	39	34	—
	Fanö	29.15	34	N	3	b	29.26	+.13	33	32	0	E	2	o	#	b	#	46	32	—
	Sumburgh Head	29.40	31	N	4	c	29.60	+.34	33	30	— 1	N	3	bc	5	c	#	36	27	0.02
	Stornoway ...	29.64	38	NNE	3	s	29.73	+.35	30	30	— 2	ENE	3	s	3	spq	5.0	39	28	0.34
	Wick	29.43	33	NE	4	c	29.63	+.37	34	34	— 1	ENE	3	c	4	c	#	39	30	0.05
	Nairn	29.47	36	NNE	3	c	29.68	+.38	32	30	— 2	NNW	1	bc	2	c	#	43	29	—
	Aberdeen ...	29.41	36	N	3	c	29.65	+.41	32	31	— 4	NNW	4	c	4	qrsh,c	3.4	41	29	0.11
British Islands.	Leith	29.40	37	E	1	c	29.65	+.41	36	33	+ 2	WNW	2	c	#	c	#	45	30	0.09
	Shields	29.30	38	N	4	cp	29.65	+.46	34	34	0	WNW	3	o	4	cp,s	#	42	30	0.06
	Spurn Head ...	29.22	40	NNW	4	bcv	29.59	+.47	38	37	— 1	NW	4	csp	4	bcv,h	#	43	35	0.04
	York	29.28	39	N	2	bcp	29.64	+.46	35	32	0	N	2	b	#	bcp	6.5	43	29	0.18
	Loughborough ...	29.36	38	NNW	2	c	29.66	+.53	35	33	— 1	NNW	2	bc	#	cmp,bc	#	45	33	0.01
	Ardrossan ...	29.40	41	NNE	1	crsp	29.70	+.44	39	36	+ 2	NNW	1	b	1	b,crsp	#	49	31	0.02
	Malin Head ...	29.46	39	N	5	c	29.75	+.44	38	35	0	N	4	c	2	bc,ckp	#	41	35	0.01
	Belmullet ...	29.57	40	NNW	3	bc	29.80	+.42	37	36	0	ENE	2	b	#	b,bc,s	#	47	30	0.20
	Donaghadee ...	29.43	42	NW	5	b	29.75	+.47	36	34	— 3	NNW	4	b	2	b,s	#	46	32	0.35
	Liverpool (Bidston)	29.31	41	NNW	4	c	29.69	+.50	36	33	+ 1	N	2	o	2	srp,c	#	43	34	0.03
	Holyhead ...	29.37	42	N	5	cpm	29.71	+.50	39	36	+ 1	NW	1	c	1	crshp	#	42	34	0.02
	Parsonstown ...	29.48	39	NW	1	bc	29.80	+.51	34	31	— 2	NW	1	b	#	bc,hp	9.1	45	27	—
	Valencia ...	29.54	43	NNW	4	bc	29.81	+.51	38	37	— 2	ESE	1	b	4	bv,bc	7.3	45	30	—
	Roche's Point ..	29.49	43	N	4	b	29.84	+.60	40	37	+ 3	N	2	b	4	sp b	#	45	36	—
	Pembroke (St. Ann's Hd.)	29.37	40	NNE	4	bc	29.74	+.63	41	39	+ 4	NNW	4	bc	4	bc,t	4.1	43	35	0.17
	Scilly	29.39	43	N	5	c	29.80	+.80	44	41	— 1	NNW	5	bc	5	cp,c	1.3	45	40	0.04
	Prawle Point ...	29.34	39	N	4	o	29.76	+.83	45	42	+ 8	NW	3	b	2	o	#	45	32	—
	Jersey (St. Aubin's)	29.29	42	NW	3	cm	29.71	+.87	44	40	— 6	NW	5	cm	4	cr	#	50	36	0.43
	Hurst Castle ...	29.28	43	N	3	o	29.66	+.75	40	39	0	NW	4	c	2	o	#	43	38	0.08
	Dungeness ...	29.16	40	NNE	5	c	29.56	+.68	40	38	— 4	NNW	4	c	3	r,cq	#	44	36	0.06
	North Foreland	29.19	41	N	5	cq	29.58	+.65	44	40	+ 1	NW	4	b	4	r,o	#	41	36	0.15
	London (Brixton) ...	29.24	41	NNE	3	c	29.63	+.63	38	36	+ 3	N	2	cq	#	ors,bc	0.2	43	35	0.05
	Oxford	29.31	38	NE	2	c	29.68	+.63	38	35	+ 5	N	2	o	#	ors,c	#	43	33	0.02
	Cambridge ...	29.24	40	N	2	o	29.64	+.57	37	36	+ 3	NNW	4	bc	#	o	0.6	45	33	0.04
	Yarmouth ...	29.17	40	NNE	4	bc	29.53	+.47	40	37	+ 2	NW	4	c	4	bc,s	#	42	31	0.02
Germany & Holland.	Cuxhaven ...	29.05	34	ENE	3	o	29.26	+.14	37	36	+ 5	N	3	c	#	o,s	#	37	32	0.16
	Berlin	28.99	39	E	2	o	29.10	−.09	43	42	— 1	NW	3	o	#	o	#	52	43	0.12
	Wiesbaden ...	#	#	#	#	#	29.29	+.19	37	35	— 8	NW	3	o	#	#	#	55	36	0.39
	Munich	29.28	46	W	4	o	29.30	.00	41	38	— 6	W	1	c	#	o	#	59	41	0.04
	The Helder ...	29.12	39	NE	4	o	29.42	+.37	40	37	+ 4	N	3	bc	2	o	#	40	36	0.04
France & Belgium.	Brussels ...	#	#	#	#	#	29.50	+.55	37	35	— 5	NW	2	o	#	r	#	45	32	0.39
	Cape Gris Nez ...	29.15	39	E	6	r	29.49	+.55	40	37	— 3	N	4	o	3	r	#	52	36	0.83
	Paris	29.01	49	SW	3	r	29.52	+.52	41	38	— 11	NW	2	bc	#	r	#	57	39	0.20
	Brest	29.23	45	NNW	3	c	29.75	+.77	42	39	— 9	NNW	4	c	4	c	#	51	37	0.12
	Lorient	29.34	48	NW	6	c	29.73	+.68	41	40	— 10	NNW	5	b	5	c	#	52	37	0.12
	Rochefort ...	29.40	50	W	7	r	29.62	+.36	45	43	— 5	N	6	bc	#	r	#	57	43	0.20
	Belfort	29.21	46	SW	4	o	29.44	+.34	36	35	— 10	WSW	3	m	#	o	#	53	35	0.24
	Lyons	29.41	49	SW	4	o	29.48	+.12	43	42	— 7	S	1	r	#	o	#	54	42	0.12
	Nice	29.31	52	SW	6	c	29.29	−.24	51	42	+ 1	NW	4	bc	4	c	#	57	46	0.16
	Perpignan ...	29.56	59	W	5	b	29.63	+.13	54	45	+ 3	NW	4	o	#	b	#	64	51	—
	Biarritz ...	29.67	56	W	7	o	29.63	.00	52	50	— 5	W	9	r	7	o,br	#	61	50	0.08
Penin-sula.	Corunna ...																#			
	Lisbon	30.25	56	WSW	4	b	30.29	+.20	57	53	— 2	W	4	c	#	b	#	64	52	—
	Azores (P. Delgada)	30.24	61	SW	5	bc	30.22	+.01	62	61	+ 5	WSW	4	c	3	bc	#	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 now recorded on the tower of the Wesleyan Training College, Westminster.*

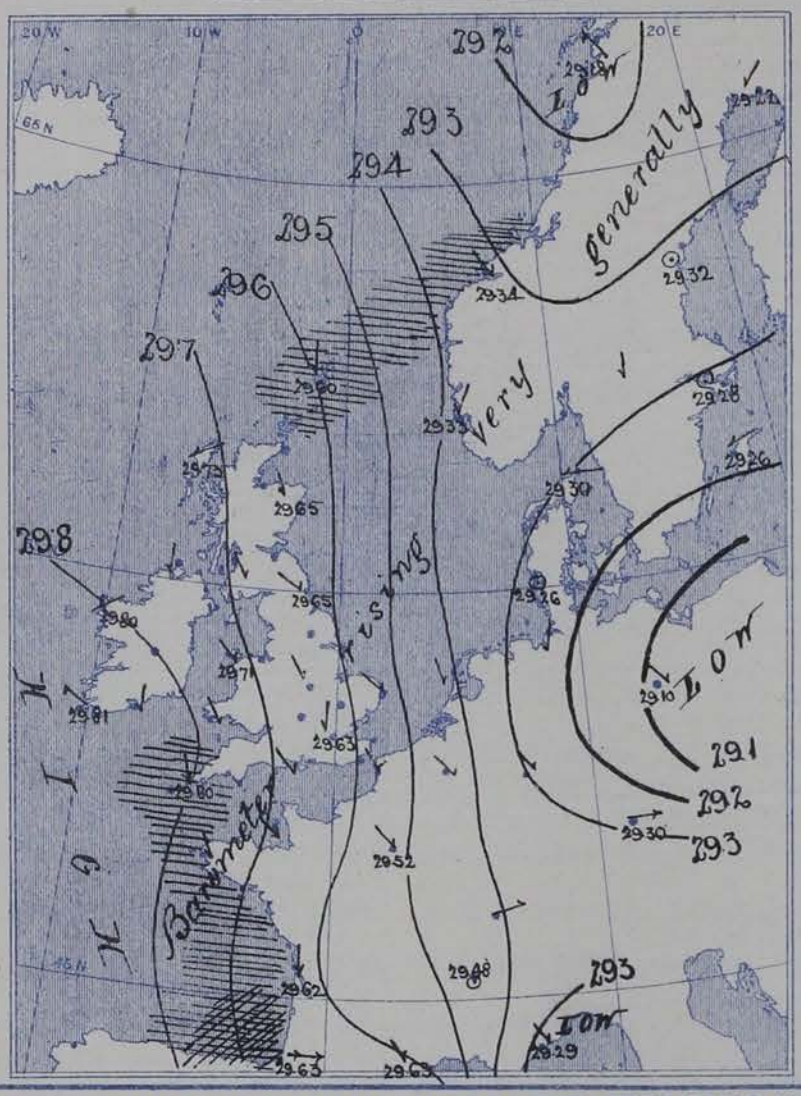
Bright Sunshine yesterday Southport 5·4 hrs; Brighton 0·4 hrs; Eastbourne 0·1 hrs; Hastings 0·4 hrs; Ventnor 0·3 hrs.

WEATHER CHARTS

FOR FRIDAY, 2nd APRIL, 1897.

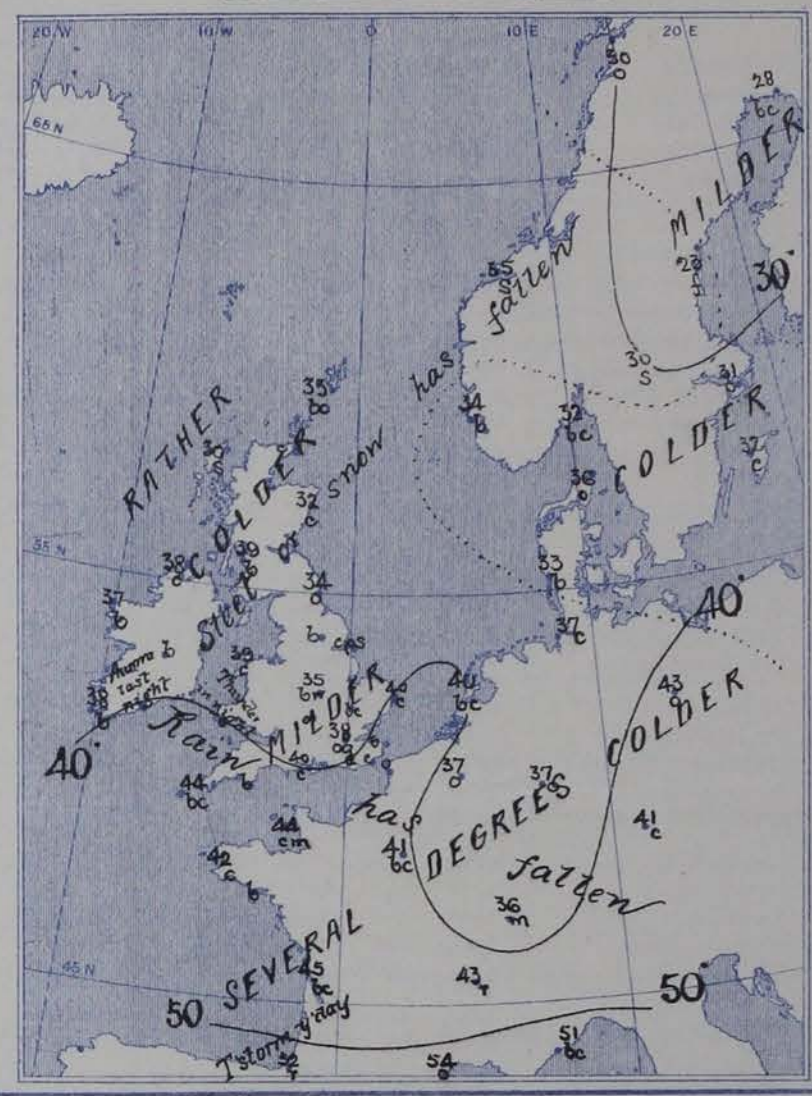
BAROMETER, WIND AND SEA.

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



TEMPERATURE & WEATHER.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·860	42·1	40·4	46·2	36·9	54	1893, 94, 95	22	1895	1·95	—	—
Stornoway	29·845	43·8	42·3	49·2	37·1	67	1893	20	1881	2·49	159·0	37
Wick	29·866	43·3	41·3	49·3	37·0	69	1875	23	1892	1·63	—	—
Nairn	29·868	43·0	40·7	51·4	36·9	72	1875	21	1892	1·21	—	—
Aberdeen	29·885	43·5	40·8	49·6	38·0	72	1892	23	1881, 92	1·96	154·0	36
Leith	29·887	44·2	41·8	52·2	37·9	75	1875	23	1881	1·46	—	—
Shields	29·891	43·6	41·4	49·3	38·4	71	1892	25	1892	1·65	—	—
Spurn Head	29·887	44·1	42·4	48·6	40·2	67*	1885	30*	1881, 89	1·35	—	—
York	29·901	43·7	41·6	54·0	37·5	78	1893	22	1881, 91	1·68	139·4	33
Loughborough	29·905	44·1	41·8	55·7	37·7	81*	1893	23*	1891, 92	1·71	—	—
Ardrossan	29·879	44·6	42·4	51·7	39·4	73	1874	26	1892	2·03	—	—
Malin Head	29·855	44·2	42·2	50·1	41·7	—	—	—	—	—	—	—
Belmullet	29·863	46·5	44·3	52·2	42·7	—	—	—	—	2·48	—	—
Donaghadee	29·883	44·8	43·1	51·2	40·5	64	1873, 74, 75	30	1876, 82, 95	1·86	—	—
Holyhead	29·880	46·0	44·0	51·7	42·0	75	1874, 93	31	1881, 92	1·86	—	—
Liverpool	29·892	45·2	42·2	53·0	40·4	75	1893	29	1881	1·54	—	—
Parsonstown	29·883	45·1	42·7	54·9	38·2	73	1893	21	1892	2·04	155·8	38
Valencia	29·871	48·4	45·9	54·3	43·0	70	1892	30	1879, 92	3·67	171·5	42
Roche's Point	29·873	47·0	44·7	53·8	42·4	72	1893	31	1892	3·06	—	—
Pembroke	29·875	45·4	43·7	50·7	42·0	70	1893	30	1879, 81	1·89	185·9	45
Scilly	29·872	48·8	46·8	52·3	44·9	66	1893	32	1876	2·15	—	—
Prawle Point	29·890	46·6	44·9	52·3	41·1	69*	1893	29*	1888	1·94	—	—
Jersey	29·893	48·8	46·1	54·7	43·7	84	1874	32	1871, 76, 92	2·01	196·3	48
Hurst Castle	29·893	45·8	44·4	52·8	41·3	74	1893	26	1887	1·72	—	—
Dover	29·884	46·4	44·1	51·4	41·4	69	1873	25	1892	1·61	—	—
LONDON	29·901	46·2	43·2	56·6	39·8	82	1893	27	1873, 84, 87, 92	1·70	113·9†	28†
Oxford	29·907	44·4	42·1	55·2	38·8	80	1893	23	1892	1·66	152·1	37
Cambridge	29·904	45·7	43·0	56·7	37·1	84	1893	21	1878	1·56	157·7	38
Yarmouth	29·894	44·7	43·0	49·2	40·0	72	1885	25	1878	1·63	—	—

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

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.29 ins. at Lisbon, 29.8 ins. and more to 29.6 ins over the British Islands, Brittany and the southwest of France, and apparently higher over the Atlantic.
Lowest 29.10 ins. and less in a depression lying over Germany.
Gradients moderate over the North Sea, slight over our Islands.
Barometer rising generally and briskly.

TEMPERATURE

Highest 57° at Lisbon, 54° to 51° on the S. coast of France, 45° to 40° at the English Channel stations.
Lowest 23° at Hernösand and below the freezing point over Lapland and the greater part of Sweden; 32° to 36° over the greater part of Scotland and the north of England.
The maxima recorded yesterday did not exceed 45° at most of our stations and in the north of Scotland they did not touch 40°. The night minima ranged from 27° to 30° over Scotland and the north of England.

WIND

Blowing hard from W. at Biarritz, NE. ¾ to N. ¾ in direction over Scotland and Ireland, and light to moderate in force; N. ¾ to NW. ¾ over England and the more southern countries, and moderate to strong in force.

WEATHER

Still showery in the extreme NE. of our Islands, but has become fine generally elsewhere. Showers of sleet, graupel or cold rain fell very generally over Gt. Britain, France and Germany yesterday; thunder has occurred at Pembroke and at Biarritz; Aurora has been seen at Rockes Point. Bright Sunshine yesterday was 9 hrs. at Parsonstown and from 7 to 5 hrs. at most of our W^rn. and N^rn. stations; in the S. however, there was less than half an hour.

SEA

High at Biarritz, rough over the Bay of Biscay and at the mouth of the Channel, moderate elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fine cold weather appears likely to prevail generally during today, but perhaps a cold passing shower or two may be felt in the E. of England.

FORECASTS

For the 24 hours ending at NOON on 3RD APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	N. ¾ to W. ¾ winds, light; fair generally, cold tonight.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	N. ¾ winds, backing to NW.; perhaps a cold shower or two locally, but fair generally, very cold tonight.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos. 0 to 2.
7	ENGLAND N.W.	
8	ENGLAND S.W.	N. ¾ and NW. ¾ winds, falling light; fair, cold.
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 ...	29.11	44	39	NW	4	bo	2
Sumburgh Head	29.85	35	33	N	4	c	6
Stornoway	29.48	38	35	ENE	4	s	5
Aberdeen	29.33	38	36	N	6	cpqrsh	5
Shields	29.22	41	40	N	4	c	2c
Ardrossan	29.31	48	43	NNW	1	b	1
Malin Head ...	29.40	41	37	N	5	bc	3
Belmullet	29.50	44	40	NE	3	b	*
Holyhead	29.21	39	37	N	4	cphrs	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.45	44	36	NNE	4	bv	4
Scilly	29.28	45	45	N	5	qp	4
Jersey	29.15	43	42	NNW	5	r	4
Hurst Castle ...	29.12	43	40	NNE	5	o	3
Dungeness ...	29.12	43	40	NNE	6	o	3
North Foreland	29.04	38	37	NNE	6	r	5
London (Westminster)	29.10	42	38	NNE	5	o	*
Yarmouth ...	29.11	41	36	NNE	4	bv	4
Rochefort ...	29.33	55	54	W	7	o	*

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

Weather in morning fine and bright over Sweden, Ireland, and apparently over Portugal, the southern side of the Mediterranean and most of the Adriatic stations, rough and unsettled over Gt Britain and the North Sea, dull over central Europe. Showers of sleet, soft hail and cold rain falling later over Gt Britain, France, the Netherlands and Germany — the amounts being greatest over Belgium and the NE of France, but fair weather holding in the SW. of our Islands.

Temperature fallen fast over England, risen over France. Morning readings highest 62° at Algiers, 61° at Brindisi, 60° at Malta, and rather above 50° in the south and west of France; 49° to 45° over central Europe. Lowest (1) 19° at Hernosand, 23° at Haparanda, and below 32° over the northern parts of Russia; (2) 32° to 37° at the Scotch stations, 33° to 35° over central England. Failing to reach 40° in the N. of Scotland late, or to exceed 45° over the greater part of our Islands, but touching 52° at Berlin and Paris, 59° at Nice, and 64° at Perpignan.

Wind very light and variable over Scandinavia; light to moderate from between NW. and NE over Scotland and Ireland, moderate to strong from N. and NE. over England, but blowing a moderate gale from the W^rd over the west and north of France, and a light breeze from the S^th over Germany. NW.^ly to SW.^ly winds prevalent over the Mediterranean. Becoming more N.^ly over England later, and subsiding; W.^ly gale in France also dying down.

Barometer (1) Highest 30.1 ins. to 29.6 ins. over the Iberian Peninsula, and 29.9 ins. to 29.6 ins. over the greater part of the Mediterranean and SE.^rn Europe. Lowest. Below 29.1 ins. in a large shallow depression over Scandinavia, and below 28.9 ins. in a small deep one over the English Channel. Latter system travelling SE.^wds. later. Barometer rising fast over the British Islands and France.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Saturday 3rd April, 1897.

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 ...	29·42	29	℄	0	bc	29·61	+·39	26	25	− 2	S	2	c	≡	bc	#	39	21	—
	Hernösand ...	29·49	24	℄	0	0	29·67	+·35	26	24	+ 3	N	2	b	#	0	#	36	16	—
	Stockholm ...	29·51	33	℄	0	0	29·66	+·38	29	28	− 2	NNE	2	0	#	0	#	39	27	—
	Wisby	29·49	29	NE	4	0	29·62	+·36	30	28	− 2	NNE	4	0	#	0	#	34	25	—
	Karlstad ...	29·52	32	℄	0	b	29·63	+·31	30	30	0	SSE	1	f	#	0,s	#	#	#	—
	Bodö	29·28	33	SE	4	b	29·36	+·18	34	31	+ 4	SE	4	b	1	b	#	34	27	—
	Christiansund ...	29·56	32	WSW	4	r	29·67	+·33	30	29	− 5	WSW	5	s	1	r	#	35	27	—
	Skudesnaes ...	29·73	35	NNW	4	b	29·67	+·34	32	30	− 2	N	4	bc	2	c,b	#	41	28	#
	Færder (Christiania Fjord)	29·50	36	W	2	bc	29·63	+·31	33	31	+ 1	NNW	2	0	1	bc	#	37	32	—
	Skagen (The Scaw)	29·53	36	NNW	1	bc	29·61	+·31	35	34	− 1	℄	0	bc	0	bc	#	41	32	—
	Fanö	29·51	37	NNW	3	c	29·61	+·35	34	33	+ 1	NNW	2	c	#	c	#	46	33	0·04
British Isles	Sumburgh Head	29·70	32	N	2	bc	29·75	+·15	34	31	+ 1	ESE	1	0	4	bc	#	37	27	—
	Stornoway ...	29·75	39	ESE	3	bc	29·63	−·10	37	34	+ 1	SSE	4	0	4	c,bc	8·6	41	28	0·07
	Wick	29·71	34	ESE	3	c	29·69	+·06	36	36	+ 2	SE	3	c	2	c	#	37	29	0·03
	Nairn	29·74	35	ENE	1	bc	29·69	+·01	34	33	+ 2	℄	0	b	1·	bc	#	42	23	—
	Aberdeen ...	29·77	34	N	2	bc	29·73	+·08	35	32	+ 3	N	2	bc	2	bc,s	8·8	39	26	0·04
	Leith	29·75	37	E	1	c	29·69	+·04	35	33	− 1	SE	2	c	#	c	#	46	29	—
	Shields	29·76	37	NE	1	bc	29·67	+·02	38	36	+ 4	SSE	3	c	3	s,c,bc	#	40	31	0·04
	Spurn Head ...	29·75	40	NNW	4	c	29·64	+·05	41	39	+ 3	ESE	4	bc	4	c,s	#	41	34	0·02
	York	29·78	40	WNW	1	c	29·66	+·02	38	34	+ 3	E	1	b	#	c	6·5	42	29	0·01
	Loughborough ...	29·76	41	ENE	2	c	29·61	−·05	35	34	0	SE	2	c	#	c,bc,c	#	45	31	—
	Ardrossan ...	29·71	41	SSW	2	b	29·58	−·12	37	35	− 2	E	4	bc	2	b	#	43	29	—
	Malin Head ...	29·71	39	E	3	b	29·46	−·29	39	37	+ 1	SE	5	bc	2	b	#	43	33	—
	Belmullet ...	29·64	44	SE	4	0	29·35	−·45	40	38	+ 3	ESE	4	0	#	c,0	#	47	34	—
	Donaghadee ...	29·75	40	ESE	2	b	29·53	−·22	40	37	+ 4	ESE	7	bc	5	b	#	44	34	0·02
	Liverpool (Bidston)	29·75	38	℄	0	b	29·53	−·16	39	34	+ 3	E	5	bc	?	bm	#	43	34	—
	Holyhead ...	29·75	39	NE	2	bcpd	29·46	−·25	39	36	0	E	4	cm	3	bc,pd	#	42	35	—
	Parsonstown ...	29·67	44	E	1	0	29·31	−·49	39	37	+ 5	E	2	od	#	b,0	8·3	48	34	0·01
	Valencia ...	29·55	41	SE	5	rg	29·13	−·68	48	45	+ 10	E	4	bcq	3	ov,rg	4·8	48	37	0·19
	Roche's Point ...	29·65	43	SSE	5	0	29·19	−·65	46	45	+ 6	SSE	5	c	5	o,rhq	#	47	40	0·56
	Pembroke (St. Ann's Hd.)	29·69	40	W	3	0	29·32	−·42	41	40	0	SE	7	r	5	b,0	9·4	43	37	0·06
	Scilly	29·70	45	S	4	0	29·29	−·51	50	48	+ 6	SSW	4	cw	5	bc,0	7·6	50	39	0·23
	Prawle Point ...	29·79	43	WSW	4	c	29·39	−·37	43	43	− 2	E	3	r	3	c,r	#	49	38	0·37
	Jersey (St Anbin's)	29·85	46	W	4	c	29·45	−·26	47	46	+ 3	SSW	4	cmp	4	bc,cg,r	#	49	38	0·35
	Hurst Castle ...	29·78	43	W	1	c	29·49	−·17	41	40	+ 1	ESE	4	rm	2	rsp,c	#	49	40	0·21
	Dungeness ...	29·77	44	NW	1	c	29·59	+·03	42	41	+ 2	SSE	4	c	3	c,hsp	#	47	37	0·04
	North Foreland	29·79	42	NW	4	c	29·63	+·05	43	41	+ 2	SE	3	bc	3	c	#	46	37	—
	London (Brixton) ...	29·77	44	NW	2	c	29·58	−·05	40	38	+ 2	SSE	3	od	#	c,0	2·8	46	35	—
	Oxford	29·76	40	WSW	2	0	29·55	−·13	39	38	+ 1	ESE	3	0	#	0	#	46	35	—
	Cambridge ...	29·77	40	NNW	1	b	29·61	−·03	41	39	+ 4	ESE	3	cm	#	b	6·5	46	31	—
	Yarmouth ...	29·73	40	NNW	3	bc	29·66	+·13	40	37	0	E	4	bc	4	bc	#	42	31	0·01
Germany & Holland	Cuxhaven ...	29·49	39	NW	2	c	29·63	+·37	36	36	− 1	N	2	r	#	c,sr	#	45	36	0·08
	Berlin	29·53	34	NW	4	0	29·67	+·57	35	34	− 8	WNW	4	s	#	0	#	48	32	0·08
	Wiesbaden ...	*	*	*	*	*	29·80	+·51	35	33	− 2	W	2	bc	#	*	#	50	30	—
	Munich	29·72	35	W	5	0	29·80	+·50	33	32	− 8	W	5	0	#	0	#	45	32	0·04
	The Helder ...	29·69	39	WNW	4	bc	29·71	+·29	39	?	− 1	S	1	b	1	bc	#	41	36	—
Belgium.	Brussels ...	*	*	*	*	*	29·69	+·19	38	35	+ 1	SSE	4	0	#	b	#	45	31	0·04
	Cape Gris Nez ...	29·76	43	N	2	0	29·63	+·14	37	36	− 3	SE	3	0	3	q	#	43	34	0·08
	Paris	29·84	44	NW	2	b	29·68	+·16	39	37	− 2	SE	3	r	#	b	#	48	34	0·16
	Brest	29·87	49	SW	3	0	?	?	46	43	+ 4	WNW	3	c	4	0	#	50	43	1·18
	Lorient	29·88	46	WSW	4	c	29·52	−·21	49	48	+ 8	W	5	r	4	c	#	55	34	0·59
France &	Rochefort ...	29·92	50	WNW	5	c	29·65	+·03	54	52	+ 9	W	6	c	#	bc,c	#	54	45	0·32
	Belfort	29·79	35	W	2	bc	29·82	+·38	32	31	− 4	S	2	m	#	bc	#	47	31	0·04
	Lyons	29·89	38	NNW	1	b	29·87	+·39	36	35	− 7	S	1	r	#	ths,b	#	48	33	0·12
	Nice	29·28	53	NW	5	b	29·69	+·40	42	34	− 9	NE	2	0	4	b	#	66	41	—
	Perpignan ...	29·91	49	NW	5	b	29·89	+·26	47	43	− 7	W	2	0	#	b	#	59	38	0·04
	Biarritz ...	30·04	51	W	4	0	29·85	+·22	56	52	+ 4	WSW	4	0	4	0	#	56	45	0·20
Peninsula.	Corunna ...																#			
	Lisbon ... ... †	30·28	56	SW	3	b	30·21	−·08	58	56	+ 1	SW	5	0	#	b	#	63	55	—
	Azores (P. Delgada)	30·15	63	SW	5	c	30·10	−·12	63	62	+ 1	SW	4	0	4	c	#	64	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 now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 8·7 hrs; Brighton 6·8 hrs; Eastbourne 5·6 hrs; Hastings 6·3 hrs; Ventnor 10·2 hrs.

WEATHER CHARTS

FOR ..... SATURDAY, 3rd APRIL, ... 1897.

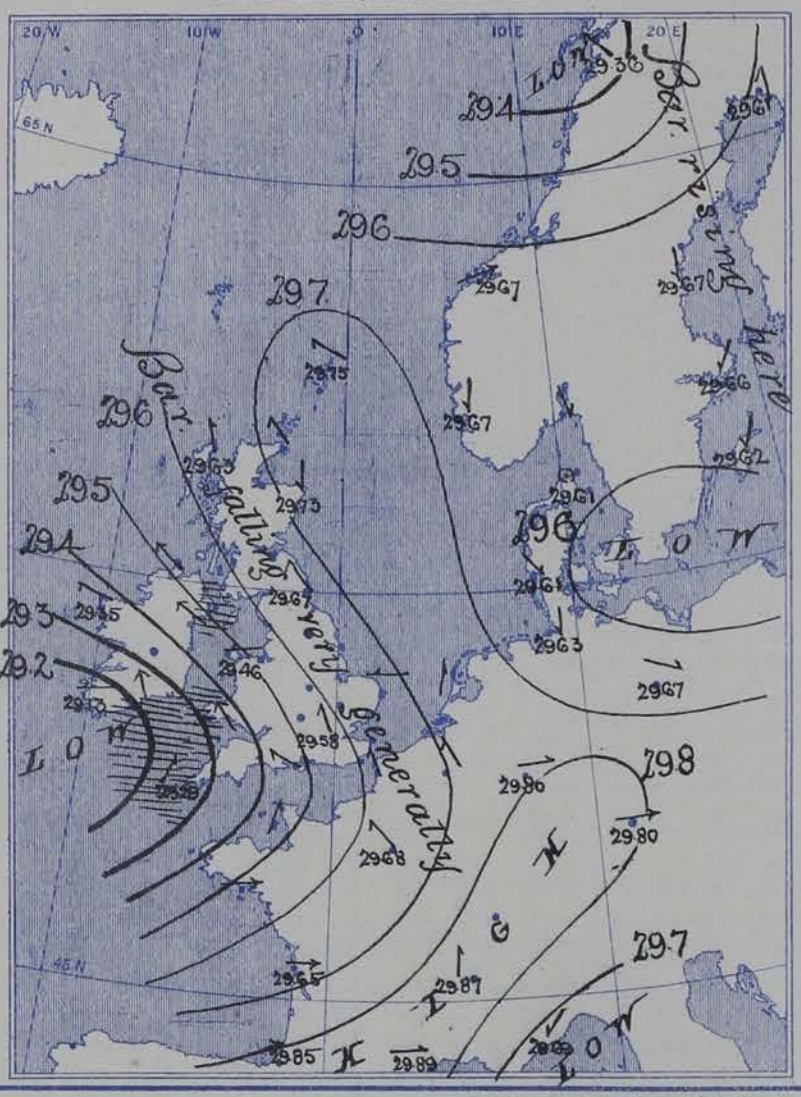
BAROMETER, WIND AND SEA.

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

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

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

SEA—*Rough* ▤ ; *High* ▬

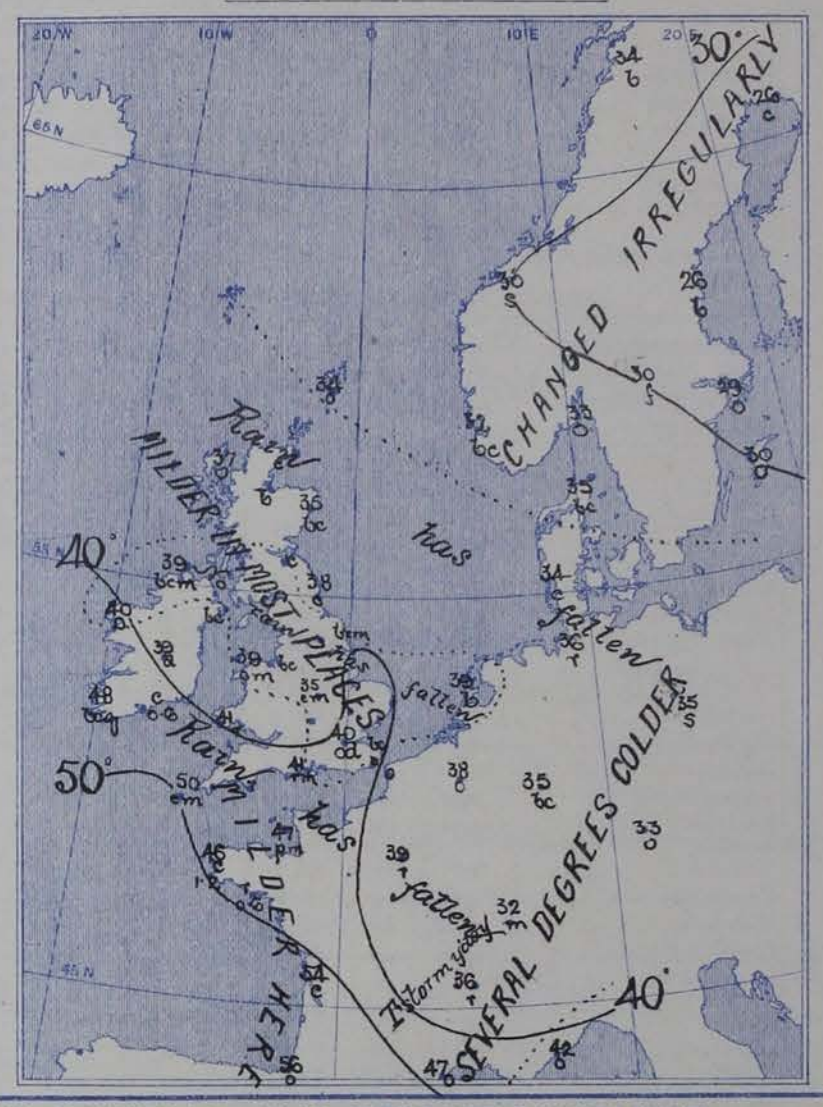


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29·860	42·1	40·4	46·2	36·9	54	1893, 94, 95	22	1895	1·95	—	—
Stornoway	29·845	43·8	42·3	49·2	37·1	67	1893	20	1881	2·49	159·0	37
Wick	29·866	43·3	41·3	49·3	37·0	69	1875	23	1892	1·63	—	—
Nairn	29·868	43·0	40·7	51·4	36·9	72	1875	21	1892	1·21	—	—
Aberdeen	29·885	43·5	40·8	49·6	38·0	72	1892	23	1881, 92	1·96	154·0	36
Leith	29·887	44·2	41·8	52·2	37·9	75	1875	23	1881	1·46	—	—
Shields	29·891	43·6	41·4	49·3	38·4	71	1892	25	1892	1·65	—	—
Spurn Head	29·887	44·1	42·4	48·6	40·2	67*	1885	30*	1881, 89	1·35	—	—
York	29·901	43·7	41·6	54·0	37·5	78	1893	22	1881, 91	1·68	139·4	33
Loughborough	29·905	44·1	41·8	55·7	37·7	81*	1893	23*	1891, 92	1·71	—	—
Ardrossan	29·879	44·6	42·4	51·7	39·4	73	1874	26	1892	2·03	—	—
Malin Head	29·855	44·2	42·2	50·1	41·7	—	—	—	—	—	—	—
Belmullet	29·863	46·5	44·3	52·2	42·7	—	—	—	—	2·48	—	—
Donaghadee	29·883	44·8	43·1	51·2	40·5	64	1873, 74, 75	30	1876, 82, 95	1·86	—	—
Holyhead	29·880	46·0	44·0	51·7	42·0	75	1874, 93	31	1881, 92	1·86	—	—
Liverpool	29·892	45·2	42·2	53·0	40·4	75	1893	29	1881	1·54	—	—
Parsonstown	29·883	45·1	42·7	54·9	38·2	73	1893	21	1892	2·04	155·8	38
Valencia	29·871	48·4	45·9	54·3	43·0	70	1892	30	1879, 92	3·67	171·5	42
Roche's Point	29·873	47·0	44·7	53·8	42·4	72	1893	31	1892	3·06	—	—
Pembroke	29·875	45·4	43·7	50·7	42·0	70	1893	30	1879, 81	1·89	185·9	45
Scilly	29·872	48·8	46·8	52·3	44·9	66	1893	32	1876	2·15	—	—
Prawle Point	29·890	46·6	44·9	52·3	41·1	69*	1893	29*	1888	1·94	—	—
Jersey	29·893	48·8	46·1	54·7	43·7	84	1874	32	1871, 76, 92	2·01	196·3	48
Hurst Castle	29·893	45·8	44·4	52·8	41·3	74	1893	26	1887	1·72	—	—
Dover	29·884	46·4	44·1	51·4	41·4	69	1873	25	1892	1·61	—	—
LONDON	29·901	46·2	43·2	56·6	39·8	82	1893	27	1873, 84, 87, 92	1·70	113·9†	28†
Oxford	29·907	44·4	42·1	55·2	38·8	80	1893	23	1892	1·66	152·1	37
Cambridge	29·904	45·7	43·0	56·7	37·1	84	1893	21	1878	1·56	157·7	38
Yarmouth	29·894	44·7	43·0	49·2	40·0	72	1885	25	1878	1·63	—	—

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

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest (1) 29.8 ins. and more over the southwestern and eastern parts of France and S. Germany; (2) 29.7 ins. and more over the North Sea, and 29.6 ins. and more over the S^rn. half of Scandinavia. Lowest Below 29.2 ins. and less in a depression approaching the S. of Ireland from the SW^wd., and below 29.4 ins. over Finnmark. Gradients have become steep for E. ½ and S. ½ winds off our S. and W. coasts. Barometer falling fast at most of the W^rn. stations, but at Valencia the fall was considerably checked.

TEMPERATURE — Highest 56° to 54° on the SW^rn. coast of France, 50° at Scilly, 48° at Valencia (Ireland), 40° at Belmullet & in London. Lowest (1) 26° to 30° at the Swedish stations, 30° at Christiansund; (2) 34° to 37° at the Scotch stations, 35° at Loughborough. It was inclined to rise over the southern United Kingdom and the west of France, but had fallen over central Europe.

WIND — S. ½ to SE. ½ over the southern parts of the Kingdom, more E. ½ in the northwest. It was increasing in force in most places, and was blowing a moderate gale at some of our western stations. Over the Bay of Biscay there was a fresh and increasing breeze from the W^wd.

WEATHER — Fine in the E. and S. of Scotland, fair over the NE. and E. of England, but unsettled in appearance. In the W. and S. it was dull, and at several stations rain had set in. Considerable rain had fallen on our southwestern coasts, and a large amount over Brittany (1.2 ins. at Brest). Bright Sunshine recorded yesterday was from 9.4 hrs. to 8 hrs. at many of our N^rn. and W^rn. stations; 10.2 hrs. at Ventnor, and from 7 to 5.5 hrs. at our other S^rn. stations, 6.5 hrs. at Cambridge.

SEA — Has become rough again in the SW. and W., but is moderate to slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression appears likely to bring more wind to the English and French coasts, and much rain to our S^rn. counties and the N. and W. of France.

FORECASTS

For the 24 hours ending at NOON on 4TH APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SE. ½ winds, strong to a gale; rainy, perhaps some snow.
1	SCOTLAND EAST	
2	ENGLAND N.E.	SE. ½ winds, freshening, becoming rainy and unsettled.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	SE. ½ to SW. ½ winds, strong; dull, very rainy.
6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S. ½ to SW. ½ winds or gales, rainy, squally, unsettled.
9	IRELAND NORTH	Same as Nos. 0 and 1.
10	IRELAND SOUTH	SE. ½ to SW. ½ gales, very rainy.
	WARNINGS	At 7 pm last evening to districts 0, 1, 7 to 10 and part of 5. 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 ...	29.46	41	35	N	4	c	2
Sumburgh Head	29.68	34	31	N	3	bc	4
Stornoway	29.76	40	37	SSE	2	c	3
Aberdeen	29.74	39	35	NNE	3	bcsp	3
Shields	29.72	40	36	N	4	c	4
Ardrossan	29.72	40	37	W	2	b	1
Malin Head ...	29.76	43	38	NE	2	b	1
Belmullet	29.74	47	42	SSE	3	c	*
Holyhead	29.77	42	38	N	2	bc	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.70	47	42	SSE	3	ov	4
Scilly	29.84	49	44	W	3	bc	5
Jersey	29.86	49	43	WNW	5	bc	4
Hurst Castle ...	29.78	46	43	WSW	3	sp	2
Dungeness ...	29.73	46	41	NNW	4	c	3
North Foreland	29.72	45	44	NW	5	bc	4
London (Westminster)	29.75	45	38	NW	2	c	*
Yarmouth ...	29.67	42	37	N	4	bc	4
Rochefort ...	29.86	51	48	N	5	bc	*

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

Weather in morning fine over nearly the whole of the British Islands, and in many parts of France, as well as over several parts of Finland, fair but not settled over the S^rn. half of the Mediterranean. Very unsettled and rainy over the Baltic Provinces and Germany, and in some stations in the S. of France; snow falling at Münster and Spanish Pt. Heavy rain setting in later over Brittany and the SW. of the British Islands, and small quantities of snow falling over the NE. of our Islands and Germany.

Temperature in morning highest 66° at Constantinople, and exceeding 60° on the S^rn. shores of the Mediterranean generally; 57° to 53° on the Atlantic coasts of Spain, 52° at Cracow 51° at Hermanstadt, 50° at Breslau. Lowest 21° to 30° at most of the stations in N^rn. Europe; 30° to 34° over the N. of Scotland, 34° at Parsonstown, 35° at York and Loughborough. Rising later to 66° at Nice, but failing to reach 50° over the British Islands and the N. of France, excepting Prawle Pt. and Brest.

Wind light to moderate from the NW.^nd over the greater part of the British Islands, fresh to strong on the French coast; NW.^ly to SW.^ly over central Europe, but NE.^ly over the Baltic. W.^ly and NW.^ly gales prevailing over the N^rn. and W^rn. parts of the Mediterranean, SW.^ly breezes at Palermo, and S.^ly over the Adriatic. Freshening SE.^ly winds setting in on the W^rn. coasts of the British Islands later, and the NW.^ly winds over our Islands dying out.

Barometer highest 30·3 ins. to 29·7 ins. over Spain the N. of Africa, the Bay of Biscay and the W^rn. parts of the British Islands. Lowest below 29·2 ins. in a shallow depression over Lapland, below 29·1 ins. in a deeper system over N. Germany and the Baltic provinces, and below 29·3 ins. in two small systems — one over the Gulf of Genoa the other over the Adriatic. A new disturbance approaching the Irish coast later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Sunday 4th April, 1897.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.					Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.90	13	L	0	b	29.74	+ .13	10	9	— 16	L	0	b	*	b	*	34	10	—
	Hernösand ...	29.76	20	L	0	b	29.73	+ .06	21	20	— 5	N	2	b	*	b	*	37	19	—
	Stockholm ...	29.68	28	ENE	2	b	29.50	— .16	31	28	+ 2	NNE	4	o	*	b	*	37	27	—
	Wisby	29.57	32	N	4	b	29.39	— .23	31	31	+ 1	NNW	8	s	*	b	*	34	25	0.04
	Karlstad ...	29.69	31	S	2	b	29.66	+ .03	26	23	— 4	N	4	bc	*	s,b	*	*	*	—
	Bodö	29.60	34	SSW	4	o	29.70	+ .34	37	33	+ 3	SW	6	bc	3	o	*	37	32	0.12
	Christiansund ...	29.85	35	WSW	2	bc	29.88	+ .21	31	28	+ 1	ESE	2	b	3	bc	*	36	28	—
	Skudesnaes ...	29.69	36	NE	2	b	29.78	+ .11	32	28	0	NNE	2	b	1	b	*	37	28	*
	Færder (Christiania Fjord)	29.67	35	N	2	o	29.71	+ .08	32	30	— 1	N	4	b	2	o	*	37	30	—
	Skagen (The Scaw)	29.62	36	ENE	3	c	29.66	+ .05	34	31	— 1	NE	3	bc	0	c	*	43	32	—
	Fanö	29.51	33	NNW	1	b	29.54	— .07	32	32	— 2	NE	2	s	*	b	*	45	30	0.04
British Islands	Sumburgh Head	29.73	36	SE	1	bc	29.76	+ .01	37	33	+ 3	E	2	c	3	o,bc	*	40	32	—
	Stornoway ...	29.57	40	SE	4	o	29.70	+ .07	37	33	0	SSE	4	o	6	o	6.6	43	31	—
	Wick	29.63	38	SE	4	c	29.71	+ .02	38	37	+ 2	E	2	o	1	c	*	41	35	—
	Nairn	29.61	37	ESE	2	c	29.71	+ .02	36	34	+ 2	L	o	c	1	c	*	42	31	—
	Aberdeen ...	29.65	37	ESE	4	cq	29.74	+ .01	38	33	+ 3	ENE	3	cg	3	bcg,c	6.6	41	35	—
	Leith	29.67	36	ESE	3	c	29.70	+ .01	38	33	+ 3	ENE	3	o	*	c	*	42	33	0.01
	Shields	29.54	39	ENE	4	c	29.65	— .02	38	35	0	NE	2	o	2	c	*	42	35	—
	Spurn Head ...	29.48	40	E	6	cv	29.57	— .07	38	34	— 3	ENE	3	ov	4	cv	*	43	37	—
	York	29.50	40	E	2	o	29.63	— .03	36	33	— 2	N	1	o	*	o	6.9	44	33	—
	Loughborough ...	29.40	42	ESE	4	o	29.54	— .07	39	35	+ 4	NE	3	c	*	c,o,c	*	44	35	—
	Ardrossan ...	29.48	41	NE	4	bm	29.68	+ .10	39	36	+ 2	NE	4	bm	1	bm	*	44	32	—
	Malin Head ...	29.36	42	SE	6	om	29.61	+ .15	39	37	0	SE	4	og	2	c,om	*	43	37	—
	Belmullet ...	29.28	43	E	6	o	29.61	+ .26	41	40	+ 1	E	3	o	*	o	*	44	37	—
	Donaghadee ...	29.40	44	E	7	c	29.66	+ .13	39	36	— 1	E	7	o	6	c	*	44	37	—
	Liverpool (Bidston)	29.33	41	E	6	o	29.57	+ .04	38	34	— 1	E	4	o	3	o	*	44	36	—
	Holyhead ...	29.28	42	E	6	cm	29.54	+ .08	39	37	0	E	7	og	6	cm	*	45	37	—
	Parsonstown ...	29.19	42	SE	2	r	29.53	+ .22	40	39	+ 1	NE	1	or	*	or	0.0	43	38	1.18
	Valencia ...	29.06	49	NE	4	c	29.53	+ .40	43	41	— 5	N	3	c	4	bc,c	6.1	54	41	—
	Roche's Point ..	29.08	48	S	5	c	29.46	+ .27	45	44	— 1	ESE	5	o	5	r.c,p	*	49	44	0.25
	Pembroke (St. Ann's Hd.)	29.11	42	SE	7	o	29.46	+ .14	43	42	+ 2	SE	4	opq	4	p,o	0.0	43	41	0.11
	Scilly	29.04	47	E	4	r	29.37	+ .08	48	46	— 2	WNW	5	c	6	r	3.6	56	44	0.30
	Prawle Point ...	29.13	45	ESE	3	r	29.43	+ .04	41	41	— 2	ENE	3	r	5	r	*	51	41	0.90
	Jersey (St. Aubin's)	29.18	50	SSW	4	ogmr	29.39	— .06	47	46	0	N	4	ompg	3	o,rgm	*	54	45	0.32
	Hurst Castle ...	29.24	45	E	4	dm	29.41	— .08	42	41	+ 1	NE	3	rm	2	pdm	*	45	41	0.17
	Dungeness ...	29.38	42	SE	4	o	29.33	— .26	45	42	+ 3	NE	6	cq	4	r.o	*	45	41	0.03
	North Foreland	29.42	43	SE	5	o	29.40	— .23	44	41	+ 1	NE	6	bc	5	o	*	46	40	—
	London (Brixton) ...	29.35	41	SE	4	o	29.47	— .11	42	38	+ 2	NE	4	c	*	op,d,o	0.0	45	39	—
	Oxford	29.29	40	ESE	3	o	29.49	— .06	40	37	+ 1	NE	3	o	*	ogp	*	43	37	—
	Cambridge ...	29.40	43	ESE	4	o	29.51	— .10	41	38	0	NE	5	b	*	c,o	2.6	52	32	—
	Yarmouth ...	29.48	42	ESE	6	cqg	29.49	— .17	40	37	0	NE	6	cq	6	bc,cqp	*	43	37	—
Germany & Holland	Cuxhaven ...	29.61	37	NNW	2	b	29.49	— .14	35	35	— 1	NNE	2	c	*	b	*	41	30	0.04
	Berlin	29.60	38	WNW	3	c	29.50	— .17	32	32	— 3	L	0	f	*	c	*	43	29	—
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich	29.62	35	E	3	c	29.31	— .49	34	33	+ 1	E	1	r	*	c	*	43	32	0.20
	The Helder ...	29.55	40	ENE	3	b	29.47	— .24	38	34	— 1	ENE	4	bc	2	b	*	43	37	—
Belgium. France &	Brussels ...	*	*	*	*	*	29.32	— .37	39	35	+ 1	NE	4	b	*	o	*	50	36	—
	Cape Gris Nez ...	29.39	42	ESE	5	o	29.29	— .34	40	37	+ 3	E	5	o	4	o	*	48	34	0.04
	Paris	29.39	46	SE	3	o	29.19	— .49	45	44	+ 6	NNW	2	o	*	o	*	47	44	0.28
	Brest	29.05	52	SSW	4	r	29.26	?	49	47	+ 3	WNW	3	c	5	r	*	52	42	0.59
	Lorient	29.13	51	WSW	5	r	29.42	— .10	50	49	+ 1	NW	6	c	7	r	*	55	39	0.75
	Rochefort ...	29.35	53	SW	9	r	29.45	— .20	52	50	— 2	W	9	bc	*	r	*	57	50	0.83
	Belfort	29.57	38	ENE	2	r	29.19	— .63	44	42	+ 12	NW	4	r	*	r	*	42	32	0.87
	Lyons	29.65	44	S	3	r	29.38	— .49	48	44	+ 12	WSW	3	r	*	r	*	53	36	0.43
	Nice	29.63	50	ESE	4	bc	29.42	— .27	49	44	+ 7	L	0	c	3	bc	*	61	42	0.08
	Perpignan ...	29.72	58	SE	1	o	29.57	— .32	57	48	+ 10	NW	7	b	*	o	*	68	47	—
	Biarritz ...	29.54	65	SW	6	o	29.75	— .10	54	50	— 2	W	7	r	8	o	*	66	48	0.12
Peninsula.	Corunna ...	29.64	61	SW	9	r	30.00	+ .11	53	50	— 6	WSW	6	o	7	r	*	63	41	0.08
	Lisbon	30.13	59	SW	4	o	30.45	— .06	56	55	— 2	NW	4	o	*	o	*	61	55	—
	Azores (P. Delgada)	30.13	63	SW	5	o	30.03	— .07	63	59	0	SSW	5	o	5	o	*	66	61	—

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

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

Bright Sunshine yesterday Southport 3·2 *hrs; Brighton* 0·0 *hrs; Eastbourne* 0·0 *hrs; Hastings* ? *hrs; Newhaven* ? *hrs.*

WEATHER CHARTS

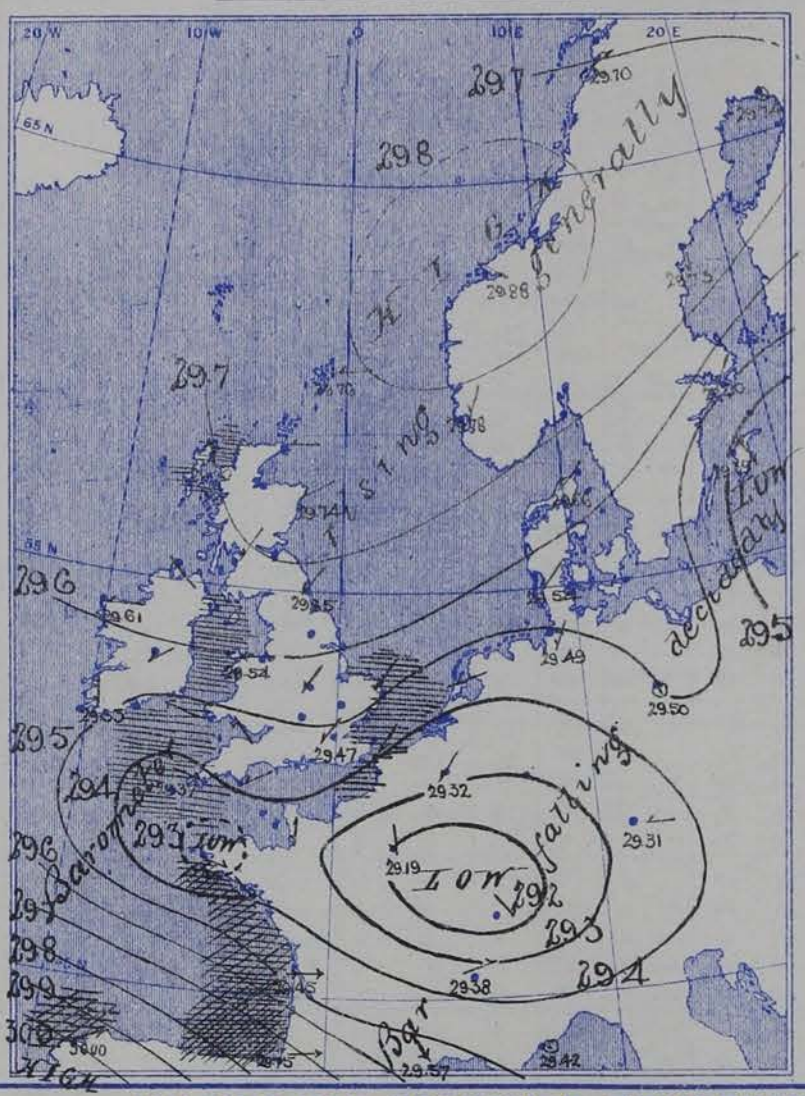
FOR ..... SUNDAY, 4TH APRIL, ... 1897.

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
297
298
296
295
294
293
299
300
H I G H
Generally
Windy
Low falling
Low
Barom. falling
Rain
Rain decidedly
Rain
Rain
Rain

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 30·1 ins: and more to 29·6 ins: over the Spanish Peninsula, the southern parts of the Bay of Biscay and the south west of France;
(2) 29·8 ins: and more to 29·6 ins: in an anticyclone over Scandinavia and the northern parts both of the North Sea and the British Isles.
Lowest, below 28·2 ins: in a depression over the east of France.
Gradients steep for W. winds over the southern parts of the Bay of Biscay, moderate for E. winds over the British Islands.
Barometer rising steadily over Germany and the east of France, mist in the west and over England.

TEMPERATURE

Highest, 56° at Lisbon, 54° to 49° in the west of France, 48° at Scilly, 45° at Rochefort.
Lowest, (1) 10° at Haparanda, 21° at Hernösand, 31° at Wick, and Christiansund, 32° at Dublin, 36° to 39° over Scotland and the north of England
Air Very dry over our Islands. The maxima recorded over England yesterday varied from 56° at Scilly and 52° at Cambridge to 41° at Aberdeen and Wick and 40° at Tarbatness Head and the North Ireland.

WIND

E. to NE. over the British Isles and the North Sea, and blowing a moderate gale on the northeast coast of Ireland, and a strong breeze on our southeastern coasts: in the west and south of France it is NW. to W. and is blowing a moderate to strong gale on the southwest coast.

WEATHER

Fair over our Islands, but cloudy, with rain at Parsonstown, and a solar halo at Oxford and in London; fair in the west of France, very rainy in the southeast of France and over South Germany.
Large quantities of rain have again fallen over the southwest of our Islands and at Parsonstown, in Brittany and some other parts of France.
Bright Sunshine yesterday from 6 to 7 hrs: at Stornoway, Aberdeen, York, and Valencia, 3·6 hrs at Scilly, 3·2 at Southport, 2·6 hrs at Cambridge — more elsewhere.

SEA

Very high over the Bay of Biscay, rough on our southwest and northwest coasts, as well as on our east and southeast coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 5TH APRIL 1897.

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 9·45 am today to district No. 1. Lower Cone. The signals are still flying in districts 7 to 10. and part of 5.

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 ...	29.69	?37	33	NE	4	c	2	Valencia	29.05	53	47	NE	2	c	4
Sumburgh Head	29.75	36	33	SE	1	o	4	Scilly	29.15	54	52	S	4	cm	4
Stornoway	29.60	41	35	SE	4	o	5	Jersey	29.35	53	50	SSW	3	o	3
Aberdeen	29.68	39	34	SE	4	bcq	4	Hurst Castle ...	29.37	45	43	E	4	pR	2
Shields	29.61	40	38	E	4	c	4	Dungeness ...	29.50	42	42	SE	5	r	4
Ardrossan	29.51	42	39	NE	5	bm	2	North Foreland	29.54	43	41	SE	4	o	3
Malin Head ...	29.39	43	40	SE	6	c	3	London (Westminster)	29.46	43	40	SE	5	o	*
Belmullet	29.33	44	42	ESE	4	o		Yarmouth ...	29.57	43	40	ESE	5	bc	4
Holyhead	29.35	45	41	E	6	cm	5*	Rochefort ...	29.60	54	53	W	5	r	*

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

Weather in morning fine over Scotland, the North Sea, and many parts of Scandinavia, as well as over the southern side of the Mediterranean. Very unsettled over Central Europe, with cold rain or wet snow in many places; dull, unsettled, and rainy at our ocean western stations again, as well as over Brittany, and some cold rain falling along our southern coast and in London. Rainfall heavy about the mouth of the Channel and adjacent shores, as well as over some inland parts of the Continent.

Temperature rises somewhat over Western Europe, but air very raw over our Islands. Morning readings highest 68° at Algiers, 58° to 54° on the shores of south-western Europe, and 54° to 50° on the shores of the Adriatic; 50° at Scilly, 48° at Valencia (Ireland). Lowest 15° to 28° over the northern parts of Russia, Finland, and Sweden, 29° at Stockholm, 30° at the Skaw; 34° at Nairn, 35° at Leith, York, and Loughborough. Touching 56° at Scilly, 54° at Valencia and 52° at Cambridge later, but scarcely reaching 40° over the north of Scotland, and not touching 40° over Scandinavia. Rising, however, to between 60° and 68° in the south of France.

Wind (1) W[3] and SW[1], strong over the Bay of Biscay, SE[2] over the British Islands, and blowing very strongly in the west, but with moderate force in the east: (2) NE[1] to N[1] over the Baltic, NW[1], light to strong over Central Europe, but E[2] and SE[3], very light over Russia: (3) W[2] and NW[1] very strong over the northern half of the Mediterranean. The SE[2] wind becoming stronger over the British Islands later, and a strong gale from SW. setting in over the Bay of Biscay.

Barometer highest 30·3 in: to 29·9 in: over the Spanish Peninsula, and varying from 29·9 in: to 29·7 in: in a ridge spreading thence over France and the North Sea to the Shetlands. Lowest below 29·4 in: over the eastern parts of Central Europe, and below 29·2 in: in another depression coming slowly over our south-western coasts from the westward. Latter system moving south-eastwards later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Monday 5th April, 1897.

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 ...	29.75	22	NE	0	b	29.82	+ .08	19	18	+ 9	N	2	b	*	b	*	36	0	—
	Hernösand ...	29.67	36	N	4	c	29.76	+ .03	35	33	+ 14	N	4	c	*	c	*	43	9	—
	Stockholm ...	29.47	29	N	8	s	29.53	+ .03	29	28	— 2	NNW	6	s	*	s	*	34	27	0.55
	Wisby	29.46	30	N	8	s	29.53	+ .14	31	30	0	N	4	s	*	s	*	32	27	0.16
	Karlstad ...	29.67	36	NNW	2	o	29.76	+ .10	36	31	+ 10	NW	4	o	*	o	*	*	*	—
	Bodö	29.78	37	W	6	be	30.05	+ .35	37	34	0	N	2	b	1	be	*	41	34	0.08
	Christiansund ...	29.98	34	WNW	1	be	30.10	+ .22	36	35	+ 5	N	1	s	3	be	*	36	30	0.20
	Skudesnaes ...	29.85	37	NNW	4	b	30.01	+ .23	31	28	— 1	E	0	be	1	b	*	45	28	*
	Færder (Christiania Fjord)	29.73	38	NNW	2	o	29.88	+ .17	36	32	+ 4	NNW	4	o	2	o	*	38	32	—
	Skagen (The Scaw)	29.75	37	ENE	1	o	29.86	+ .20	37	33	+ 3	NE	5	be	1	o	*	39	34	—
	Fanö	29.73	33	NE	2	b	29.89	+ .35	33	32	+ 1	NE	2	b	*	b	*	50	30	—
British Islands	Sumburgh Head	29.91	41	E	1	b	30.11	+ .35	41	37	+ 4	E	1	c	3	b	*	43	32	—
	Stornoway ...	29.87	42	SSE	4	c	30.00	+ .30	39	35	+ 2	SSE	4	b	5	be, c	8.5	47	32	—
	Wick	29.81	41	E	2	b	30.06	+ .35	35	35	— 3	E	1	b	3	b	*	46	26	—
	Nairn	29.89	40	E	0	be	30.07	+ .36	38	36	+ 2	E	0	b	1	be	*	44	24	—
	Aberdeen ...	29.92	38	E	2	be	30.09	+ .35	40	33	+ 2	NNW	1	be	1	be	7.6	44	29	—
	Leith	29.86	40	E	3	c	30.08	+ .38	33	30	— 5	E	0	m	*	c	*	46	26	—
	Shields	29.83	40	NE	3	o	30.07	+ .42	39	35	+ 1	E	0	c	4	hsp, o	*	43	33	0.01
	Spurn Head ...	29.78	39	NNE	4	cv	30.05	+ .48	42	37	+ 4	NNE	2	bv	3	ov, bcv	*	44	35	—
	York	29.79	40	N	1	be	30.08	+ .45	37	35	+ 1	NE	1	b	*	be	3.2	44	29	—
	Loughborough ...	29.78	41	N	1	c	30.07	+ .53	32	31	— 7	NW	1	cmw	*	c, o, b, be	*	43	25	—
	Ardrossan ...	29.85	41	NE	1	cmw	30.03	+ .35	39	37	0	NE	4	bmw	2	cr	*	44	31	—
	Malin Head ...	29.83	42	ESE	3	og	29.92	+ .31	42	40	+ 3	SSE	5	bmv	2	c, og	*	43	33	—
	Belmullet ...	29.82	44	SE	2	b	29.84	+ .23	41	40	0	SSE	2	b	*	b	*	47	33	—
	Donaghadee ...	29.84	42	NNW	3	be	30.02	+ .36	40	38	+ 1	SE	5	c	3	be	*	45	30	—
	Liverpool (Bidston)	29.80	42	NNW	1	c	30.06	+ .49	39	35	+ 1	E	1	b	?	o. c	*	46	31	—
	Holyhead ...	29.80	42	NE	2	b	29.99	+ .45	42	38	+ 3	E	2	be	1	b	*	44	35	—
	Parsonstown ...	29.80	42	E	0	r	29.90	+ .37	41	38	+ 1	SE	2	o	*	od	0.0	44	37	0.17
	Valencia ...	29.80	47	NE	2	bm	29.77	+ .24	49	44	+ 6	ESE	4	cm	4	bm	4.5	51	35	—
	Roche's Point ...	29.83	44	E	2	d	29.86	+ .40	48	47	+ 3	SE	5	c	4	d	*	48	42	0.20
	Pembroke (St. Ann's Hd.)	29.77	44	ESE	4	c	29.96	+ .50	44	41	+ 1	SE	5	og	4	c	2.0	47	43	—
	Scilly	29.69	48	ENE	4	o	29.90	+ .53	49	47	+ 1	ESE	4	c	5	o	27	51	45	—
	Prawle Point	29.75	44	ENE	3	c	? 30.00	+ .57	43	40	+ 2	SSE	4	c	4	p, c	*	54	40	0.11
	Jersey (St. Aubin's)	29.70	47	ENE	3	c	30.02	+ .63	45	40	— 2	ENE	4	cm	3	op. c	*	48	42	0.04
	Hurst Castle ...	29.73	46	NNE	3	cm	30.04	+ .63	41	37	— 1	NE	2	b	2	cm	*	49	32	—
	Dungeness ...	29.67	43	NNE	4	c	30.00	+ .67	40	38	— 5	NNW	3	be	2	be, c	*	48	32	—
	North Foreland	29.70	40	N	5	o	30.03	+ .63	42	40	— 2	NE	4	be	3	be, o, srp	*	45	33	0.05
	London (Brixton) ...	29.74	41	N	2	be	30.08	+ .61	36	34	— 6	N	1	cm	*	cm, bv	3.3	47	32	—
	Oxford	29.85	36	NE	1	b	30.06	+ .57	38	35	— 2	NNE	1	b	*	b	*	47	28	—
	Cambridge ...	29.77	40	N	3	o	30.07	+ .56	37	36	— 4	NNW	1	b	*	hrs, o	4.5	46	27	?
	Yarmouth ...	29.69	40	N	3	cv	30.00	+ .51	41	35	+ 1	NNE	4	bv	4	cv	*	43	35	—
Germany & Holland	Cuxhaven ...	29.56	38	N	4	be	29.87	+ .38	37	36	+ 2	N	3	b	*	be	*	43	34	—
	Berlin	29.57	41	ESE	2	b	29.79	+ .29	35	33	+ 3	NW	4	s	*	b	*	43	30	—
	Wiesbaden ...	*	*	*	*	*	29.87		37	34		NNW	2	be	*	*	*	45	36	0.04
	Munich	29.42	41	SW	1	r	29.80	+ .49	33	33	— 1	NW	2	s	*	r	*	48	33	0.01
	The Helder ...	29.69	38	NNE	2	be	29.96	+ .49	39	35	+ 1	NE	1	be	1	be	*	39	36	—
France & Belgium	Brussels ...	*	*	*	*	*	29.99	+ .67	37	34	— 2	NE	2	o	*	b	*	50	31	—
	Cape Gris Nez ...	29.67	41	ENE	5	o	29.94	+ .65	39	36	— 1	E	3	o	2	o	*	46	36	—
	Paris	29.62	48	WNW	2	be	30.00	+ .61	35	33	— 10	SE	2	m	*	be	*	49	30	—
	Brest	29.68	50	WNW	4	c	29.97	+ .71	44	44	— 5	SE	3	c	2	c	*	52	43	—
	Lorient	29.74	50	WNW	6	c	29.97	+ .55	43	42	— 7	ESE	4	r	5	c	*	55	41	0.20
	Rochefort ...	29.73	52	WNW	7	be	29.93	+ .48	51	49	— 1	WNW	4	be	*	be	*	55	50	—
	Belfort	29.40	44	WSW	3	r	29.87	+ .68	39	38	— 5	W	2	m	*	r	*	50	37	0.63
	Lyons	29.59	46	WNW	3	o	29.93	+ .55	44	42	— 4	N	1	c	*	o	*	58	42	0.04
	Nice	29.29	55	NW	7	c	29.56	+ .14	53	42	+ 11	N	2	c	3	c	*	64	49	—
	Perpignan ...	29.70	53	NW	7	b	29.95	+ .38	52	45	— 5	NW	6	b	*	b	*	65	50	—
	Biarritz ...	29.94	55	W	6	r	30.03	+ .28	53	51	— 1	W	5	be	5	r	*	59	48	0.16
Peninsula	Corunna ...																*			
	Lisbon	30.20	59	WSW	4	f	30.22	+ .07	60	58	+ 4	SW	4	d	*	f	*	63	56	—
	Azores (P. Delgada)	29.99	63	SW	5	c	30.04	+ .01	61	60	— 2	WSW	3	o	3	c	*	64	57	0.16

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

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

Bright Sunshine yesterday Southport 7.3 *hrs; Brighton* 5.4 *hrs; Eastbourne* 2.4 *hrs; Hastings* 5.6 *hrs; Ventnor* 2.7 *hrs.*

WEATHER CHARTS

FOR MONDAY, 5TH APRIL, 1897.

BAROMETER, WIND AND SEA.

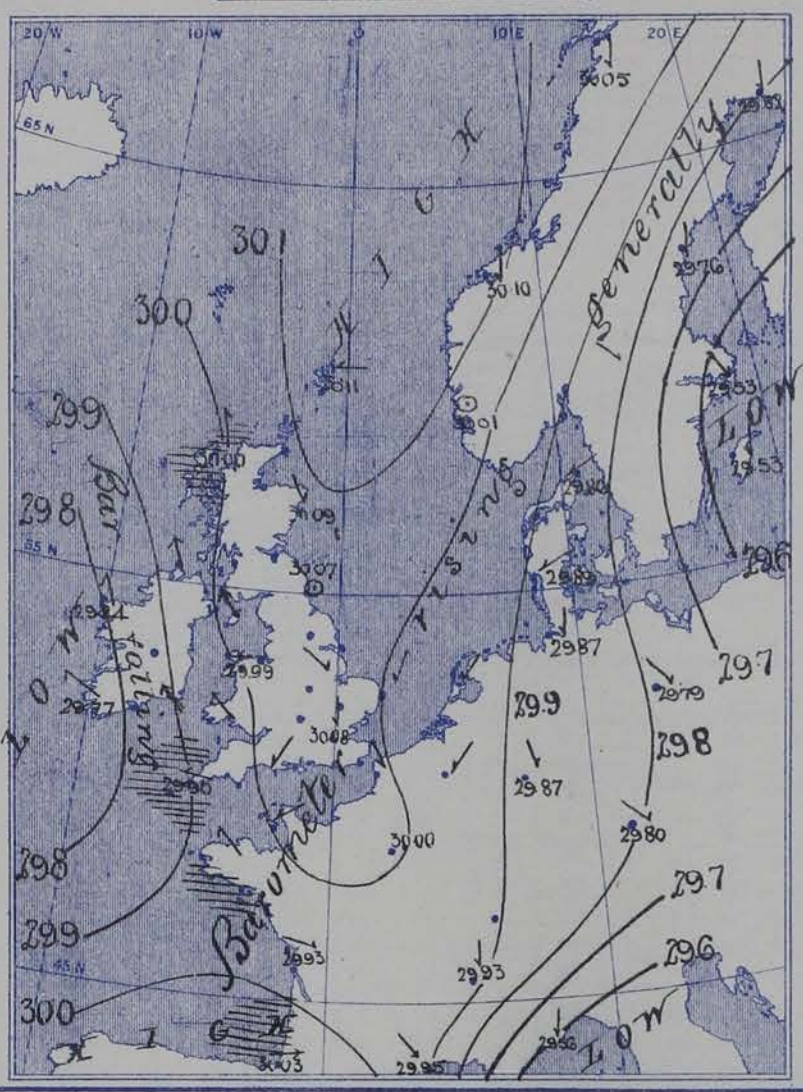
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

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

SEA—Rough ▤ ; High ▩

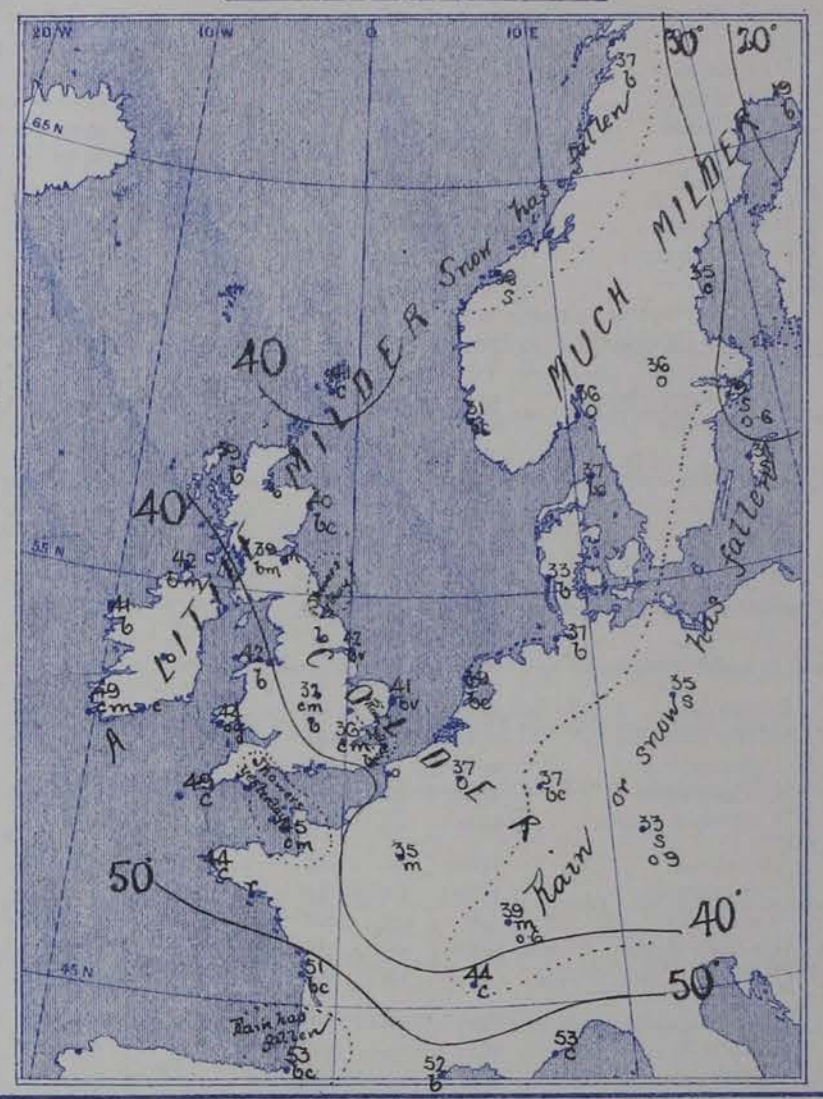


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 · 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 30.2 ins. & more to 30.0 ins. over Spain and the southern parts of the Bay of Biscay; (2) 30.1 ins. over the Shetlands & Eastmne west of Norway and exceeding 30.0 ins. over almost the whole of Great Britain.
Lowest (1) Below 29.6 ins. over the Baltic; and (2) below 29.8 ins. over the Southwest of Ireland – apparently still lower over the Atlantic.
Gradients slight, but increasing for SE. winds over the west of our islands.
Barometer falling again over Ireland, but rising elsewhere.

TEMPERATURE

Highest 60° at Lisbon, 53° to 50° on the southern and southwestern Coast of France.
Lowest 19° at Haparanda, 29° at Stockholm; 32° at Loughborough, 33° at Leith, 35° at Paris.
Valencia, Scilly and Prawle Point were the only stations in our island at which the thermometer exceeded 50° during yesterday. Early this morning a very sharp frost occurred over our inland counties – the minima being –
In Screen. Loughborough 25°, Oxford 28°, London (Kentish Town) 32°.
On Grass. do 17°, do 20°, do do 26°.

WIND

Very light from the Northward over the northeastern, Eastern and Midland Counties, but has shifted to Southeast again in the west and over Brittany, and freshening.

WEATHER

Fair over the United Kingdom & France, unsettled but improving over the Baltic & Germany, with snow at several stations. In Ireland the appearance was becoming rather unsettled & showerly. Bright Sunshine recorded yesterday was from 8.3 hrs. to 7.0 hrs. at our northern and northwestern stations; in the south it ranged from 5.6 hrs. to 2.0 hrs. Much rain and snow had fallen over Central Europe.

SEA

Rather rough & rainy on our SW. coast & at Stornoway, rough on the Spanish coasts, smooth at Dungeness & Holyhead.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fine weather is likely to continue over England today, but rain is probable in Ireland, and will probably spread eastwards to England tomorrow.

FORECASTS

For the 24 hours ending at NOON on 6th APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SE. winds, light and fine at first; freshening later and less fair.
1	SCOTLAND EAST	
2	ENGLAND N.E.	N. airs and calms, fair, cold, hazy; then SE. winds and milder, but less fair.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	SE. breezes, increasing in force, fair to showery.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	

WARNINGS

NONE ISSUED AT PRESENT.

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 ...	29.81	44	35	ENE	4	b	1
Sumburgh Head							
Stornoway	29.81	47	40	SE	3	bc	3
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29.75	43	40	SE	4	c	2
Belmullet	29.77	46	43	SE	3	b	*
Holyhead							
Valencia							
Scilly							
Jersey	29.58	48	46	NNE	4	ogp	3
Hurst Castle ...							
Dungeness ...	29.57	46	41	NNE	5	bc	4
North Foreland	29.59	43	39	NE	6	bc	5
London (Westminster)							*
Yarmouth ...							
Rochefort ...	29.55	55	52	WNW	7	bc	*

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

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 28TH MAR. to 3RD APR. 1897.

The weather experienced during the past week has been very changeable — sometimes clear and bright, at others dull, rough & rainy, with snow and soft hail in many places. Temperature has been very much lower than in the preceding week (Ended on March 27th) the daily averages being rather below the means for the corresponding period in the 25 years 1871-95. Wind has been very variable and has at times blown very strongly both from the NW. and the SE.

The depressions which have reached our shores have passed sometimes over our northern, and at others over the midland or the southwestern and southern parts of our area and have been separated by well defined, but very temporary, anticyclonic systems, both over the northwestern and the southern districts

At the close of the week a depression was advancing over our southwestern coast from the westward and was causing much cold rain in those districts and warm rain in the northwest of France.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Tuesday 6th April, 1897.

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 ...	30·27	30	N	2	b	30·32	+·50	80	27	+ 11	N	4	b	*	b	*	39	10	—
	Hernösand ...	29·98	34	NW	6	b	30·12	+·36	27	26	— 8	NE	6	s	*	b	*	35	27	0·04
	Stockholm ...	29·75	34	NNW	4	s	29·85	+·32	31	?	+ 2	E	4	s	*	s	*	34	27	0·28
	Wisby	29·73	32	NNW	4	o	29·82	+·29	33	31	+ 2	SSE	4	bc	*	o	*	34	27	—
	Karlstad ...	29·85	36	NE	6	o	29·84	+·08	32	30	— 4	NE	4	o	*	o.s	*	*	*	0·08
	Bodö	30·26	36	NE	2	b	30·36	+·31	32	28	— 5	ENE	4	b	1	b	*	41	28	—
	Christiansund ...	30·13	37	NE	5	bc	30·06	—·04	34	31	— 2	ESE	4	b	3	bc	*	41	32	0·08
	Skudesnaes ...	29·94	40	N	2	b	29·93	—·08	37	35	+ 6	E	2	b	1	b	*	45	30	*
	Færder (Christiania Fjord)	29·88	38	NNW	4	o	29·88	·00	34	33	— 2	NNE	5	o	3	o	*	41	34	—
	Skagen (The Scaw)	29·91	37	NNE	1	o	29·86	·00	33	31	— 4	NE	3	o	0	o	*	43	33	—
	Fanö	29·93	36	NE	3	b	29·85	—·04	35	33	+ 2	NE	1	b	*	b	*	48	32	—
	Sumburgh Head	30·04	40	NE	3	bc	29·82	—·29	39	35	— 2	E	0	o	3	bc	*	44	36	—
	Stornoway ...	29·86	45	SE	5	b	29·67	—·33	39	36	0	SE	5	o	6	b	11·4	47	33	—
	Wick	29·99	42	SE	5	o	29·76	—·30	40	38	+ 5	S	6	c	5	o	*	46	34	—
	Nairn	29·93	43	ESE	2	b	29·74	—·33	38	34	0	E	0	b	1	b	*	48	24	—
	Aberdeen ...	30·01	39	ESE	2	bc	29·81	—·28	40	35	0	SSE	4	cq	3	bc	9·7	46	36	—
British Islands.	Leith	29·96	40	E	3	b	29·77	—·31	37	32	+ 4	SSE	1	o	*	b	*	46	29	0·02
	Shields	29·99	40	E	3	b	29·80	—·27	39	36	0	E	2	bm	3	b	*	47	32	—
	Spurn Head ...	29·98	40	ESE	3	bv	29·80	—·25	41	38	— 1	SE	3	cv	3	bv	*	45	37	—
	York	29·99	46	E	1	c	29·87	—·27	38	35	+ 1	E	1	b	*	c	6·8	47	30	—
	Loughborough ...	29·96	46	SE	2	b	29·78	—·29	38	35	+ 6	ESE	3	c	*	c,bc,b,c	*	49	30	—
	Ardrossan ...	29·87	45	SE	4	c	29·71	—·32	38	36	— 1	NE	4	cm	2	b.c	*	47	34	—
	Malin Head ...	29·68	42	SSE	6	ogm	29·53	—·39	38	37	— 4	S	5	og	2	b.ogm	*	47	35	0·02
	Belmullet ...	29·54	45	SSE	7	o	29·57	—·27	48	45	+ 7	W	2	b	*	o.ofq	*	50	38	0·30
	Donaghadee ...	29·85	44	SE	6	c	29·68	—·34	40	39	0	SE	6	r	4	c	*	46	39	0·01
	Liverpool (Bidston)	29·90	44	ESE	4	b	29·73	—·33	39	35	0	ESE	3	m	?	o.b	*	47	35	—
	Holyhead ...	29·82	47	SE	3	cm	29·69	—·30	39	38	— 3	E	2	dm	1	b.cm	*	50	37	0·01
	Parsonstown ...	29·65	45	SE	3	r	29·63	—·27	44	42	+ 3	SE	1	b	*	c,rg,or	3·3	49	38	0·17
	Valencia ...	29·48	47	SE	6	rg	29·46	—·11	48	44	— 1	SW	2	bc	4	og,rg	0·7	52	43	0·70
	Roche's Point ..	29·62	46	SSE	8	r	29·69	—·17	44	42	— 4	SE	1	bc	4	r	*	48	40	0·85
	Pembroke (St. Ann's Hd.)	29·75	43	SE	6	o	29·64	—·32	40	40	— 4	ESE	5	rg	4	o	4·5	47	35	0·95
	Scilly	29·67	49	SE	7	o	29·65	—·25	50	48	+ 1	WNW	7	c	5	ou,or	3·6	52	46	0·54
	Prawle Point ...	29·85	41	E	7	o	29·57	—·46	45	45	+ 2	W	3	og	3	o.r	*	46	41	0·49
	Jersey (St. Aubin's)	29·90	48	E	5	ogmw	29·66	—·36	42	42	— 3	SE	4	om	4	b.gm,r	*	51	40	0·36
	Hurst Castle ...	29·94	43	E	3	c	29·69	—·35	39	38	— 2	ESE	4	rm	2	bc.cu	*	48	39	0·19
	Dungeness ...	29·99	42	E	3	b	29·74	—·26	41	39	+ 1	ESE	5	c	4	bc.b	*	47	39	—
	North Foreland	30·02	40	E	3	bc	29·77	—·26	40	38	— 2	SE	4	o	3	bc,s	*	44	35	0·04
	London (Brixton) ...	29·98	42	SE	2	bc	29·74	—·34	40	36	+ 4	ESE	2	o	*	bc,o	2·1	51	36	—
	Oxford	29·92	39	ESE	3	o	29·73	—·33	40	36	+ 2	ESE	2	o	*	o	*	47	37	—
	Cambridge ...	29·99	43	ESE	2	bv	29·77	—·30	40	37	+ 3	ESE	3	o	*	bv	9·8	53	31	—
	Yarmouth ...	30·01	42	E	3	b	29·80	—·20	40	37	— 1	ESE	4	b	4	b	*	44	38	—
Germany & Holland.	Cuxhaven ...	29·95	39	NNW	3	b	29·86	—·01	40	39	+ 3	W	1	b	*	b	*	43	34	—
	Berlin	29·94	39	WNW	3	c	29·91	+·12	35	34	0	W	2	c	*	b	*	45	32	0·04
	Wiesbaden ...	*	*	*	*	*	29·86	—·01	36	32	— 1	NW	2	b	*	*	*	45	30	—
	Munich... ..	29·99	33	W	3	s	29·83	+·03	34	34	+ 1	E	4	o	*	s	*	43	32	0·20
	The Helder ...	30·01	39	NNE	1	b	29·86	—·10	39	36	0	E	1	b	1	b	*	43	34	0·04
Belgium.	Brussels ...	*	*	*	*	*	29·82	—·17	36	33	— 1	E	3	o	*	b	*	45	30	—
	Cape Gris Nez ..	29·97	41	E	3	bc	29·73	—·21	35	33	— 4	SE	2	m	2	bc	*	46	32	—
	Paris	30·01	42	ENE	1	bc	29·69	—·31	37	34	+ 2	E	2	o	*	bc	*	48	35	—
	Brest	29·67	50	SE	4	r	29·64	—·33	49	46	+ 5	NW	4	c	4	r	*	52	43	0·71
	Lorient	29·84	50	SE	5	r	29·72	—·25	50	48	+ 7	NW	6	c	7	r	*	54	43	0·87
France &	Rochefort ...	29·92	54	SW	3	c	29·75	—·18	53	52	+ 2	W	6	c	*	b.c	*	64	51	0·39
	Belfort	29·98	40	W	2	o	29·75	—·12	36	35	— 3	E	5	m	*	o	*	48	34	—
	Lyons	30·02	46	NNW	1	o	29·75	—·18	41	40	— 3	S	3	o	*	o	*	50	37	0·12
	Nice	29·71	61	NW	2	b	29·78	+·22	51	41	— 2	E	2	o	0	b	*	70	46	—
	Perpignan ...	29·99	59	NW	2	o	29·86	—·09	56	52	+ 4	E	2	o	0	o	*	65	48	—
	Biarritz ...	29·92	58	E	3	o	29·95	—·08	55	54	+ 2	W	5	r	3	o	*	63	52	0·24
Peninsula.	Corunna ...																*			
	Lisbon	30·23	60	SW	4	o	30·24	+·02	60	57	0	NW	3	o	*	o	*	64	57	—
	Azores (P. Delgada)	30·25	59	NNE	2	c	30·31	+·27	58	55	— 3	N	2	c	2	c	*	66	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 now recorded on the tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 8·7 *hrs;* Brighton 5·3 *hrs;* Eastbourne 5·2 *hrs;* Hastings 5·3 *hrs;* Ventnor 10·9 *hrs:*

WEATHER CHARTS

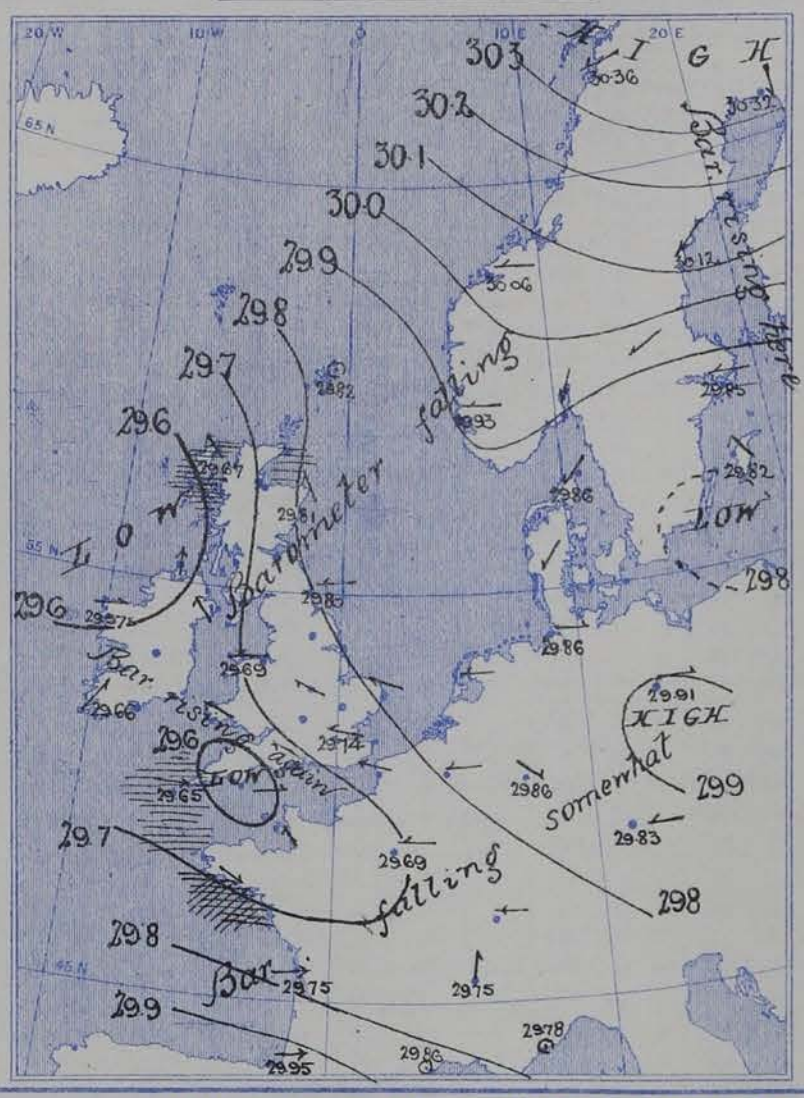
FOR ..... TUESDAY, 6TH APRIL, ... 1897.

BAROMETER, WIND AND SEA.

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

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

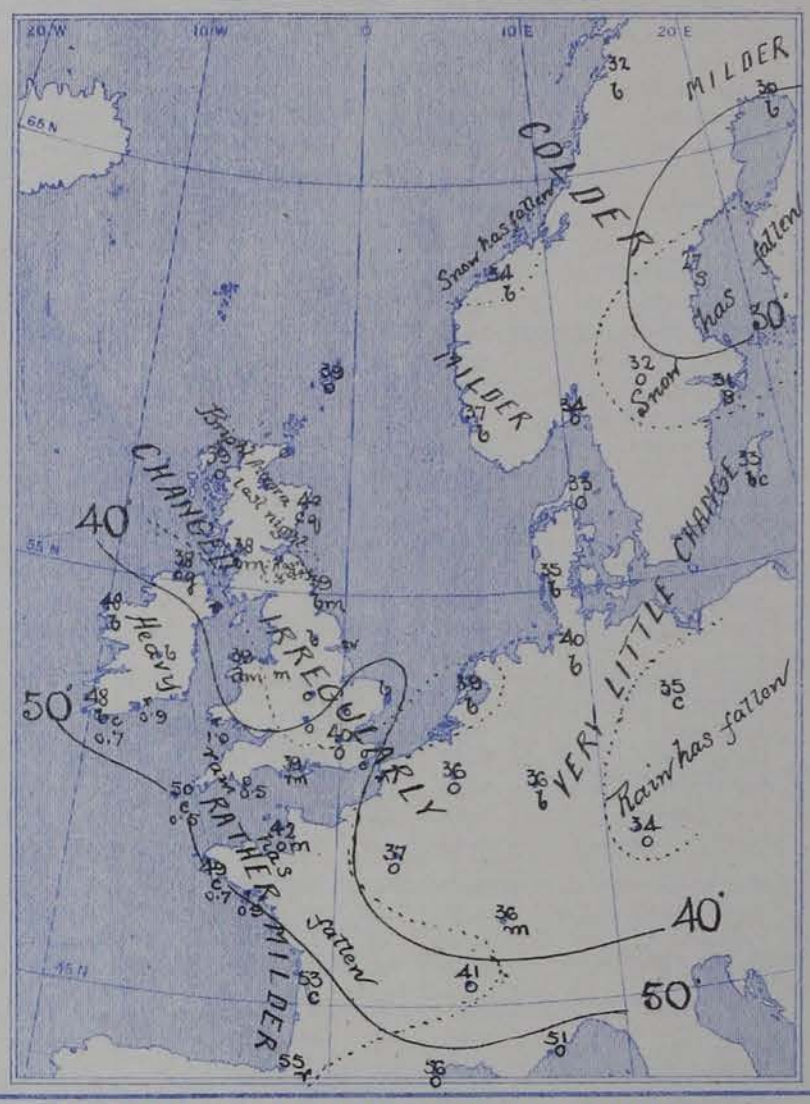
SEA—Rough ▤ ; High ▨



TEMPERATURE & WEATHER.

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

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·860	42·1	40·4	46·2	36·9	54	1893, 94, 95	22	1895	1·95	—	—
Stornoway	29·845	43·8	42·3	49·2	37·1	67	1893	20	1881	2·49	159·0	37
Wick	29·866	43·3	41·3	49·3	37·0	69	1875	23	1892	1·63	—	—
Nairn	29·868	43·0	40·7	51·4	36·9	72	1875	21	1892	1·21	—	—
Aberdeen	29·885	43·5	40·8	49·6	38·0	72	1892	23	1881, 92	1·96	154·0	36
Leith	29·887	44·2	41·8	52·2	37·9	75	1875	23	1881	1·46	—	—
Shields	29·891	43·6	41·4	49·3	38·4	71	1892	25	1892	1·65	—	—
Spurn Head	29 887	44·1	42·4	48·6	40·2	67*	1885	30*	1881, 89	1·35	—	—
York	29·901	43·7	41·6	54·0	37·5	78	1893	22	1881, 91	1·68	139·4	33
Loughborough	29·905	44·1	41·8	55·7	37·7	81*	1893	23*	1891, 92	1·71	—	—
Ardrossan	29·879	44·6	42·4	51·7	39·4	73	1874	26	1892	2·03	—	—
Malin Head	29·855	44·2	42·2	50·1	41·7	—	—	—	—	—	—	—
Belmullet	29·863	46·5	44·3	52·2	42·7	—	—	—	—	2·48	—	—
Donaghadee	29·883	44·8	43·1	51·2	40·5	64	1873, 74, 75	30	1876, 82, 95	1·86	—	—
Holyhead	29·880	46·0	44·0	51·7	42·0	75	1874, 93	31	1881, 92	1·86	—	—
Liverpool	29·892	45·2	42·2	53·0	40·4	75	1893	29	1881	1·54	—	—
Parsonstown	29·883	45·1	42·7	54·9	38·2	73	1893	21	1892	2·04	155·8	38
Valencia	29·871	48·4	45·9	54·3	43·0	70	1892	30	1879, 92	3·67	171·5	42
Roche's Point	29·873	47·0	44·7	53·8	42·4	72	1893	31	1892	3·06	—	—
Pembroke	29·875	45·4	43·7	50·7	42·0	70	1893	30	1879, 81	1·89	185·9	45
Scilly	29·872	48·8	46·8	52·3	44·9	66	1893	32	1876	2·15	—	—
Prawle Point	29·890	46·6	44·9	52·3	41·1	69*	1893	29*	1888	1·94	—	—
Jersey	29·893	48·8	46·1	54·7	43·7	84	1874	32	1871, 76, 92	2·01	196·3	48
Hurst Castle	29·893	45·8	44·4	52·8	41·3	74	1893	26	1887	1·72	—	—
Dover	29·884	46·4	44·1	51·4	41·4	69	1873	25	1892	1·61	—	—
LONDON	29·901	46·2	43·2	56·6	39·8	82	1893	27	1873, 84, 87, 92	1·70	113·9†	28†
Oxford	29 907	44·4	42·1	55·2	38·8	80	1893	23	1892	1·66	152·1	37
Cambridge	29·904	45·7	43·0	56·7	37·1	84	1893	21	1878	1·56	157·7	38
Yarmouth	29·894	44·7	43·0	49·2	40·0	72	1885	25	1878	1·63	—	—

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

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·3 ins. and upwards over the N. of Scandinavia; 30·2 ins. and upwards in the south of Portugal.
Lowest 29·6 in. and less in two depressions,—one lying off the northwest of Ireland and the other over the southwest of England.
Gradients slight. Barometer rising in the extreme west and south of our Islands, and also in Sweden, but falling in most other parts of our area.

TEMPERATURE

Highest 60° at Lisbon, 55° at Biarritz, 53° at Rochefort, 51° at Nice, 50° at Scilly and Lorient and 49° at Brest.
Lowest 27° at Hernösand, 30° at Haparanda, 31° at Stockholm, and 32° at Bodö and Karlstad, lowest in our Islands 37° at Leith.
Frost occurred last night at many of our northern and central stations, the lowest readings reported being:—In the screen 24° at Nairn, 29° at Leith and 30° at Loughborough; (2) on the grass 23° at Loughborough.

WIND

Light to moderate from the E^wd. or SE^wd. over the greater part of England, the Netherlands and the N. of France; moderate to strong from the SE^wd. or S^wd. in the north of our Islands.
Strong from the W^wd. or NW^wd. over the Bay of Biscay and the mouth of the English Channel.
E^ly or NE^ly at the Scandinavian and Danish stations.

WEATHER

Fine over the North Sea and all the adjacent coasts, as well as over the southern parts of Ireland.
Cloudy or dull elsewhere, with rain at a few of our W^rn. and S^rn. stations, and also at Biarritz, snow was falling at Hernösand and Stockholm.
Heavy rain fell yesterday in the S.W. of our Islands and the N.W. of France, the largest amounts being 1·0 in. at Pembroke, 0·9 in. at Rocks Pt. and Lorient, and 0·7 in. at Valencia (Ireland) & Brest.
Solar halos were seen yesterday at Jersey and Tavistock, and bright aurora in the N. of Scotland.

SEA

High at Lorient, and rather rough at Scilly, as well as off the N. of Scotland, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the NW. of Ireland seems likely to move away to the NW^wd.; while the disturbance over the SW. of England will probably travel SE^wds. over France. The general distribution of pressure is, however, rather complex, and further depressions are likely to appear shortly off our SW. coasts.

FORECASTS

For the 24 hours ending at NOON on 7TH APRIL 1897.

DISTRICTS.		FORECASTS.
1	SCOTLAND NORTH	SE^ly winds, strong in places; dull, some cold rain or sleet.
1	SCOTLAND EAST	
2	ENGLAND N.E.	E^ly and SE^ly winds, moderate; fine at first, some rain or sleet later.
3	ENGLAND EAST	E^ly winds, moderate; cloudy, some cold rain or sleet.
4	MIDLAND COUNTIES	
1	ENGLAND SOUTH	
6	SCOTLAND WEST	E^ly and SE^ly winds, moderate; dull, misty, some rain.
7	ENGLAND N.W.	
8	ENGLAND S.W.	NW^ly winds, strong to moderate; changeable, some rain.
9	IRELAND NORTH	S^ly winds, strong; some rain at first, then fair.
10	IRELAND SOUTH	S^ly to E^ly winds, light; fine at first, some rain later.
	WARNINGS	At 1.10 pm yesterday to districts 8 & 10 and at 3.40 pm to districts 0, 1, 6, 7, 9 and part of 5. Hoist South Cone. At 10.20 am. today to district 10. Lower cone.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.99	44	38	N	4	bc	1
Sumburgh Head	30.11	43	39	NE	2	b	3
Stornoway	29.96	47	40	SE	4	b	5
Aberdeen	30.07	44	39	ESE	3	bc	3
Shields	30.05	44	39	E	1	b	3
Ardrossan	29.94	47	43	SE	4	b	2
Malin Head ...	29.78	47	46	SE	6	b	3
Belmullet	29.68	50	47	SSE	6	o	*
Holyhead	29.97	48	41	SSW	3	b	2
Valencia	29.59	52	47	SE	7	og	6
Scilly	29.82	49	47	ESE	7	ow	5
Jersey	30.00	50	44	ESE	3	b	3
Hurst Castle ...	30.01	48	41	SE	3	bc	2
Dungeness ...	30.05	46	42	ENE	2	bc	1
North Foreland	30.06	43	40	E	3	bc	2
London (Westminster)	30.01	46	39	SE	2	c	*
Yarmouth ...	30.03	44	39	NE	4	b	4
Rochefort ...	30.00	58	57	NNE	3	b	*

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

Weather in morning fair or fine over the greater part of W^rn and S^rn Europe, but dull over the Spanish peninsula. Dull and unsettled in most of the eastern, northern and central countries, with rain or snow in many places. Heavy rain falling later in the SW. of our Islands and the NW. of France, and smaller amounts on our W^rn and S^rn coasts generally. Solar halos seen at Jersey and Tavistock, and bright aurora in the N. of Scotland.

Temperature fallen in the central and SE^rn parts of England, and also in France and Spain, but risen elsewhere. Morning readings highest 66° at Sfax, 64° at Palma, and 63° at Oran and Algiers; above 55° at most of the Mediterranean and Spanish coast stations. Lowest 19° at Haparanda, 26° at Archangel, 27° at Kuopio, and 29° at Stockholm; below the freezing point in many parts of Sweden and Finland, and just touching it at Loughborough. Rising during day to 50° or a little above it at a few of our own W^rn and S^rn stations, but not exceeding 45° on our E. and SE. coasts. Exceeding 60° over the Spanish peninsula and the south of France, and touching 70° at Nice.

Wind moderate to fresh from the SE^wd in the W. of our Islands and the NW. of France, W. or SW. over the Spanish peninsula and the southwest of France, N. or NW. over the eastern parts of Gt. Britain, as well as in Scandinavia, Denmark, Germany, Austria and Italy; E. or NE. over N^rn Russia. Subsequently increasing to a gale from the SE^wd on our extreme W. and SW. coasts; shifting to the E^wd in the east and southeast of Gt. Britain.

Barometer highest 30.2 ins. and upwards over the S^rn parts of the Spanish peninsula, 30.1 ins. and upwards in an area lying to the W. of Norway. Lowest 29.5 ins. and less in two depressions, one lying over the Gulf of Finland and the N^rn parts of the Baltic, and the other with its centre over Bosnia; 29.8 ins. and less in a third disturbance to the W. of Ireland. Last mentioned disturbance subsequently advancing E^wd, and barometer falling briskly on our W. and SW. coast.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Wednesday 7th April, 1897.

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 ...	30·50	26	Z	0	b	30·54	+·22	29	27	— 1	SW	2	bc	*	b	*	37	21	—
	Hernösand ...	30·22	31	NE	6	s	30·16	+·04	34	33	+ 7	E	4	f	*	s	*	34	25	0·43
	Stockholm ...	30·04	33	Z	0	0	30·02	+·17	33	33	+ 2	NNW	2	s	*	0	*	37	27	0·08
	Wisby														*		*			
	Karlstad ...	29·93	32	NE	2	s	30·02	+·18	33	32	+ 1	SE	2	0	*	s	*	*	*	0·08
	Bodö	30·35	36	ESE	6	0	30·29	−·07	35	33	+ 3	E	6	0	2	0	*	36	28	—
	Christiansund ...	29·92	35	ESE	4	b	30·00	−·06	35	31	+ 1	ESE	2	b	3	b	*	37	34	—
	Skudesnaes ...	29·93	38	SSW	2	bc	29·97	+·04	37	34	0	SSE	2	c	3	bc	*	45	36	*
	Færder (Christiania Fjord)	29·93	35	NNE	2	0	29·99	+·11	34	30	0	ESE	2	c	1	0	*	36	32	—
	Skagen (The Scaw)	29·92	35	NE	1	c	29·97	+·11	33	33	0	ESE	1	f	0	c	*	41	30	0·08
	Fanö	29·87	37	NE	2	b	29·90	+·05	35	34	0	ENE	3	c	*	b	*	45	34	—
British Islands.	Sumburgh Head	29·73	40	SE	2	c	29·73	−·09	40	38	+ 1	S	4	r	5	o,c	*	44	34	0·05
	Stornoway ...	29·56	41	S	5	0	29·66	−·01	42	40	+ 3	SW	3	bc	3	0	0·5	43	35	—
	Wick	29·62	41	SE	6	c	29·69	−·07	40	40	0	SSW	2	d	3	c	*	44	39	0·02
	Nairn	29·62	42	SSW	2	0	29·69	−·05	40	39	+ 2	Z	0	om	1	om	*	47	37	0·02
	Aberdeen ...	29·73	40	SSE	5	0	29·77	−·04	40	38	0	SSE	4	o9	4	c9,o,p	5·9	44	38	0·08
	Leith	29·70	42	SW	1	0	29·70	−·07	39	37	+ 2	E	1	0	*	0	*	47	34	0·01
	Shields	29·74	41	ESE	4	0	29·69	−·11	40	39	+ 1	ESE	3	c	4	c,o	*	43	37	—
	Spurn Head ...	29·77	42	SE	4	b	29·65	−·15	44	43	+ 3	SE	4	c	4	b	*	44	39	—
	York	29·77	44	E	1	0	29·67	−·14	42	39	+ 4	E	1	bc	*	c.o	3·3	46	37	—
	Loughborough ...	29·77	45	SE	1	c	29·64	−·14	34	34	— 4	ESE	1	sm	*	c,om,s	*	47	34	0·04
	Ardrossan ...	29·64	42	SE	4	rm	29·66	−·05	42	40	+ 4	NE	2	bm	1	rm	*	42	37	0·04
	Malin Head ...	29·52	45	SE	3	bc	29·60	+·07	42	41	+ 4	SE	4	om	2	bc,p	*	50	36	0·02
	Belmullet ...	29·51	45	SW	3	om	29·62	+·05	45	43	— 3	W	2	c	*	b,om	*	54	35	0·07
	Donaghadee ...	29·64	43	SSW	5	0	29·60	−·08	42	41	+ 2	E	5	0	3	r,o	*	43	38	0·08
	Liverpool (Bidston)	29·72	42	SSE	2	0	29·61	−·12	36	35	— 3	ESE	4	r	?	o	*	44	35	0·08
	Holyhead ...	29·68	42	S	3	om	29·54	−·15	41	40	+ 2	NW	2	dm	1	dm,om	*	42	38	0·28
	Parsonstown ...	29·56	44	Z	0	0	29·58	−·05	39	38	— 5	Z	0	0	*	b,or	6·2	55	37	0·36
	Valencia ...	29·57	45	SW	3	opq	29·61	−·05	46	42	— 2	WNW	6	cpq	6	oap	4·6	52	39	0·29
	Roche's Point ...	29·60	47	W	4	c	29·59	−·10	42	40	— 2	WNW	3	bcp	4	c	*	53	38	0·05
	Pembroke (St. Ann's Hd.)	29·69	44	SSE	4	c	29·60	−·04	43	41	+ 3	NW	5	cp	4	c	3·7	46	40	0·19
	Scilly	29·73	50	WSW	4	c	29·72	+·07	45	42	— 5	NW	7	c	5	c	8·1	54	39	0·19
	Prawle Point ...	29·76	44	NNE	2	c	29·69	+·15	42	40	— 3	WNW	6	cpq	5	c,pq	*	48	37	0·14
	Jersey (St. Aubin's)	29·81	51	WNW	6	c	29·76	+·10	45	42	+ 3	W	7	crq	5	bc,cp	*	53	41	0·10
	Hurst Castle ...	29·78	42	E	1	cm	29·55	−·14	44	42	+ 5	W	4	c	2	og,cm	*	45	38	0·28
	Dungeness ...	29·74	45	NE	2	c	29·58	−·16	45	44	+ 4	SSW	4	r	3	c	*	48	41	0·08
	North Foreland	29·80	43	E	3	0	29·66	−·11	42	40	+ 2	SE	4	r	3	c,o	*	44	40	0·02
	London (Brixton) ...	29·78	43	ESE	2	og	29·62	−·12	39	38	— 1	SE	1	om	*	bc,c,or	2·0	51	36	0·22
	Oxford	29·79	40	SW	2	0	29·62	−·11	37	37	— 3	ENE	1	0	*	o,p,rs	*	45	33	0·26
	Cambridge ...	29·79	43	ESE	2	om	29·64	−·13	40	39	0	ESE	1	rm	*	om	0·5	51	30	—
	Yarmouth ...	29·80	42	ESE	4	bcv	29·67	−·13	43	41	+ 3	ESE	4	cg	4	bcv	*	44	39	—
Germany & Holland.	Cuxhaven ...	29·84	41	N	2	b	29·86	·00	38	38	— 2	SE	2	b	*	b	*	46	32	—
	Berlin	29·88	42	SE	2	b	29·92	+·01	38	36	+ 3	E	3	b	*	b	*	46	32	—
	Wiesbaden ...	*	*	*	*	*	29·84	−·02	39	36	+ 3	NE	1	r	*	*	*	46	36	—
	Munich	29·77	39	E	1	r	29·90	+·07	36	36	+ 2	W	2	0	*	r	*	46	34	0·28
	The Helder ...	29·83	41	E	3	bc	29·76	−·10	39	37	0	E	2	bc	1	bc	*	43	37	—
France & Belgium.	Brussels ...	*	*	*	*	*	29·75	−·07	41	39	+ 5	SE	3	c	*	0	*	47	34	—
	Cape Gris Nez ...	29·74	44	ESE	2	0	29·64	−·09	39	38	+ 4	SE	3	r	2	0	*	48	35	—
	Paris	29·81	41	S	2	r	29·76	+·07	44	43	+ 7	SSW	2	r	*	r	*	44	37	0·24
	Brest	29·86	51	SW	4	0	29·84	+·20	41	?	— 8	NW	5	c	4	0	*	54	39	0·16
	Lorient	29·89	50	NW	6	m	29·86	+·14	41	40	— 9	NW	5	r	5	m	*	53	37	0·39
	Rochefort ...	29·95	53	WNW	6	bc	29·89	+·14	49	49	— 4	WNW	6	bc	*	bc	*	57	48	0·12
	Belfort	29·75	38	WSW	6	r	29·89	+·14	40	39	+ 4	SSW	6	r	*	r	*	41	36	0·79
	Lyons	29·93	48	W	1	0	29·95	+·20	44	40	+ 3	SW	2	b	*	b,o	*	61	40	0·20
	Nice	29·69	56	SSE	2	b	29·83	+·05	51	42	0	Z	0	b	2	b	*	63	41	—
	Perpignan ...	30·00	59	NW	2	c	30·08	+·22	52	45	— 4	NW	2	b	*	c	*	69	46	—
	Biarritz ...	30·08	55	WNW	4	c	30·05	+·10	54	52	— 1	W	5	r	3	c	*	59	50	—
Peninsula.	Corunna ...																*			
	Lisbon	30·33	54	NW	3	b	30·36	+·12	55	52	— 5	N	3	bc	*	b	*	68	52	—
	Azores (P. Delgada)	30·48	58	NE	3	bc	30·47	+·16	58	54	0	ENE	4	0	3	bc	*	64	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 now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0·0 hrs; Brighton 0·0 hrs; Eastbourne 1·0 hrs; Hastings 1·3 hrs; Ventnor 0·2 hrs.

WEATHER CHARTS

FOR WEDNESDAY, 7TH APRIL, 1897.

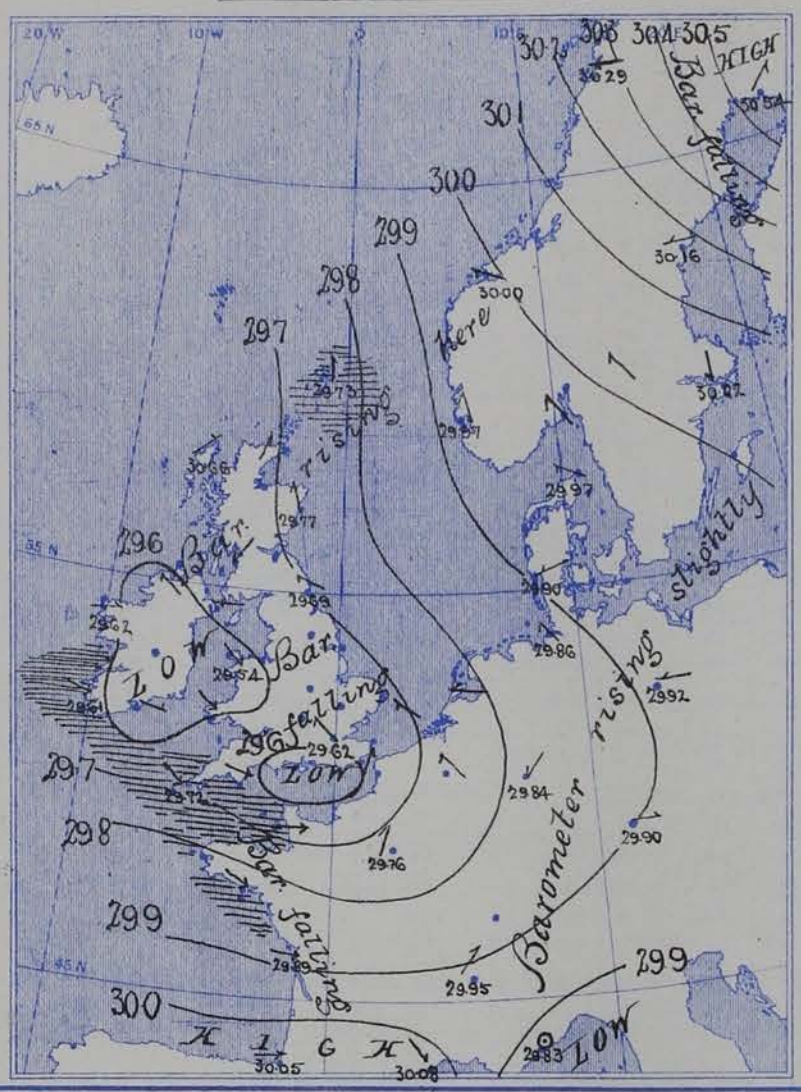
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough ▤ ; High ▨

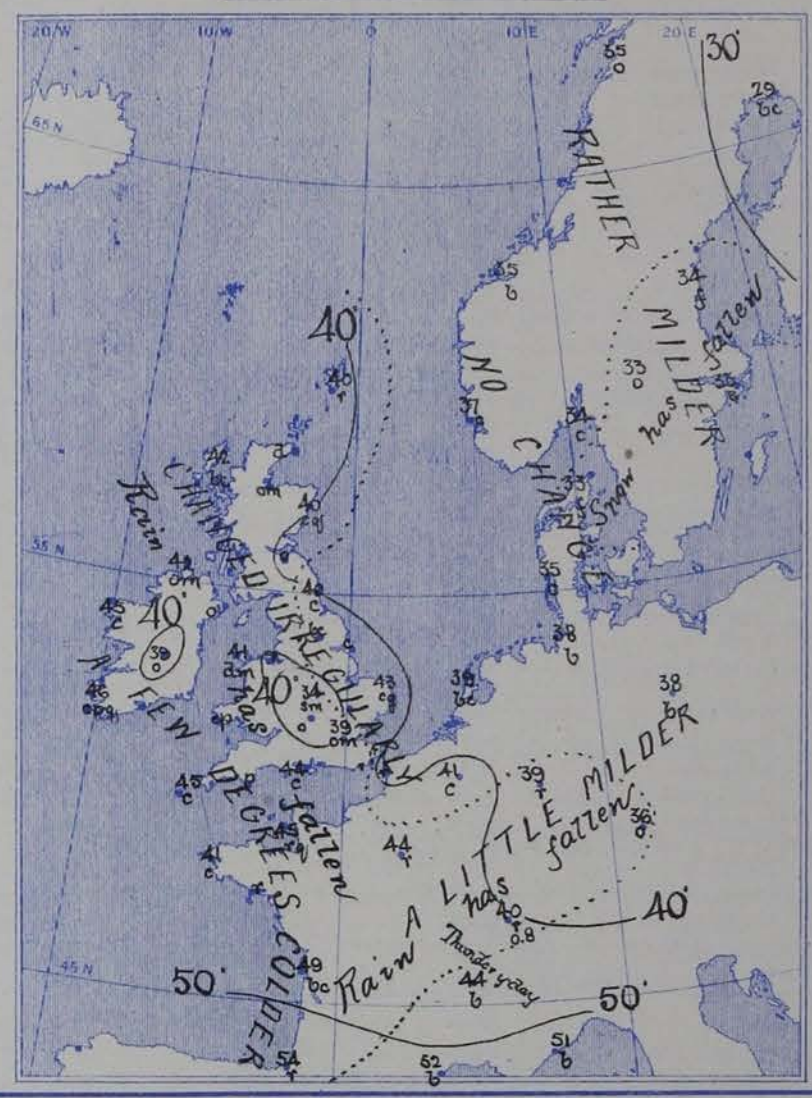


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.5 ins. and upwards in Lapland; 30.3 ins. and upwards in the south of Portugal.
Lowest 29.6 ins. and less in two depressions,—one lying over Ireland and Wales, and the other over the southeast of England.
Gradients slight. Barometer falling a little in the more central parts of the United Kingdom, as well as in the W. of France and at many of the Scandinavian stations, rising elsewhere.

TEMPERATURE

Highest 55° at Lisbon, 54° at Biarritz, 52° at Perpignan, 51° at Nice, 49° at Rochefort, & 46° at Valencia (Ireland)
Lowest (1) 29° at Haparanda, 33° at Stockholm, Karlstad and Skagen, and 34° at Faerder; (2) 34° at Loughborough, and 37° at Oxford.
The maxima registered yesterday were above 50° at several of our central and S. stations; in the N. and E., however, they were as a rule below 45°.

WIND

Strong from the NW. or W. over the southwest of our Islands and the west of France, SW. over central France
Moderate from the SE. or E. over the northern and central parts of our Islands generally, as well as over the greater part of Scandinavia, Denmark and Germany, but S. in the north of Scotland.

WEATHER

Cloudy or dull over the United Kingdom as a whole, and also in many parts of France; snow falling at Loughborough, rain at several other of the English and French stations, and passing showers on our SW. coasts.
Fair or fine at most of the Scandinavian, Danish and N. German stations, but snow reported at Stockholm.
Rain fell yesterday in many parts of our Islands and France, the largest amount being 0.8 in. at Belfort. A solar halo was seen at Jersey, and a lunar halo at Hurst Castle. Thunder was heard at Lyons.

SEA

Rough at Valencia (Ireland) and rather rough in the W. parts of the English Channel, as well as at Sumburgh Head.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general distribution of pressure over W. Europe remains unchanged. The conditions are still favourable for the development of shallow depressions over our Islands, and the weather is likely to remain in a changeable showery state generally.

FORECASTS

For the 24 hours ending at NOON on 8TH APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SE. winds, moderate or fresh; cloudy, some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	E. and SE. winds, moderate; cloudy, some rain or sleet.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	Variable breezes; changeable, some rain.
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos. 2 and 3.
7	ENGLAND N.W.	
8	ENGLAND S.W.	NW. to W. or SW. winds, strong; squally, showery.
9	IRELAND NORTH	Same as Nos. 2 and 3.
10	IRELAND SOUTH	Same as No. 8.
	WARNINGS	At 10.30 am. today to districts 0, 1, 6, 7 and 9. Lower Cone. The signals are still flying in districts 8 and part of 5.

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 ...	29.92	45	38	S	2	b	1
Sumburgh Head	29.77	42	37	E	2	o	3
Stornoway	29.60	43	38	SSW	5	o	6
Aberdeen	29.75	40	36	SSE	4	cq	3
Shields	29.77	42	38	E	3	c	3
Ardrossan	29.67	42	42	SE	4	rm	2
Malin Head ...	29.55	49	47	S	4	bc	2
Belmullet	29.58	54	49	SW	2	b	*
Holyhead	29.72	41	40	S	3	dm	2
Valencia	29.62	49	46	SSW	3	op	4
Scilly	29.75	52	51	WSW	4	c	4
Jersey	29.73	53	50	W	7	bc	5
Hurst Castle ...	29.74	42	40	ESE	3	og	2
Dungeness ...	29.73	47	47	E	4	c	3
North Foreland	29.79	44	40	E	4	c	3
London (Westminster)	29.74	47	40	SE	3	o	*
Yarmouth ...	29.79	44	39	ESE	4	bc	4
Rochefort ...	29.91	55	54	SW	7	bc	*

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

Weather in morning fine over the North Sea and the adjacent coasts, as well as in the south of Ireland. Cloudy or dull in most other parts of western Europe, with rain at some of our own western and southern stations, as well as in many parts of France and Spain. Dull also in Sweden, Russia and Austria, with snow at Kuopio, Hernösand and Stockholm, and rain at Hermanstadt, fine in Italy. Rain falling later over the greater part of our Islands and France, — heavily at Belfort. Solar and lunar halos seen in the S. of England, and thunder heard at Lyons.

Temperature changed irregularly in our Islands, risen in France and Spain; fallen in most of the other European countries. Morning readings highest 71° at Palma, 70° at Algiers, and 63° at Tunis and Sfax, above 55° at Mediterranean and Spanish coast stations generally. Lowest 27° at Hernösand, 28° at Kuopio, Hango and Helsingfors, and 29° at Archangel; below 40° over Nrn. Etn. and central Europe generally, as well as in the Nrn. and central parts of our Islands. Rising during day to 50° and upward at many of our own Wn. and Sn. stations, but remaining below 45° in most parts of our northern and eastern coasts. Exceeding 60° over the Spanish peninsula and the S. of France and reaching 69° at Perpignan.

Wind light to fresh from the SEwd over the greater part of our Islands and the Bay of Biscay and the mouth of the Channel, and moderate from the same quarter over the Spanish peninsula. E. or NE. over the northern and eastern parts of Europe, variable over Austria and Italy. Subsequently shifting to the SWwd in Ireland, no important change occurring elsewhere.

Barometer highest 30.3 ins. and upwards in an anticyclone over the N. of Scandinavia; 30.2 ins. and upwards in another system over the SWrn. parts of the Spanish peninsula. Lowest 29.6 ins. and less in two depressions, — one lying off the NW. of Ireland, and the other over the SW. of England, 29.7 ins. and less in a large shallow area over SErn. Europe, 29.8 ins. and less in another shallow system over the extreme S. of Sweden. Depression over SW. of England partially filling up later, but new disturbances beginning to approach the Irish coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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, 8th April, 1897.

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 ...	30·54	30	SE	2	b	30·52	-·02	30	14	+1	SSE	4	bc	*	b	*	39	16	-
	Hernösand ...	30·28	36	E	4	o	30·28	+·12	33	32	-1	E	4	s	*	o	*	39	27	0·16
	Stockholm ...	30·08	35	2	o	r	30·13	+·11	35	35	+2	E	2	o	*	r	*	36	30	0·75
	Wisby	30·08	32	N	4	o	30·11	+·10	33	33	o	NNW	4	s	*	o	*	36	28	0·12
	Karlstad ...	30·13	35	2	o	c	30·11	+·09	35	32	+2	W	2	o	*	c	*	#	#	-
	Bodö	30·17	38	ESE	7	o	30·21	-·08	41	36	+6	SE	4	bc	1	o	*	41	32	-
	Christiansund ...	30·12	37	2	o	b	30·15	+·15	30	?	-5	ESE	1	b	3	b	*	43	30	-
	Skudesnaes ...	30·08	39	SSW	2	bc	30·14	+·17	37	33	o	SSE	2	o	1	bc	*	41	36	#
	Færder (Christiania Fjord)	30·10	36	NNE	1	o	30·13	+·14	36	35	+2	2	o	o	o	o	*	37	34	-
	Skagen (The Scaw)	30·12	37	NE	1	b	30·12	+·15	37	36	+4	E	1	b	o	b	*	45	30	-
	Fanö	29·95	39	E	2	b	30·00	+·10	37	35	+2	E	4	b	*	b	*	55	35	-
	Sumburgh Head	29·89	40	S	3	o	29·98	+·25	41	40	+1	S	2	o	4	r.o	*	44	31	0·15
	Stornoway ...	29·85	48	NNW	3	c	29·93	+·27	42	41	o	WSW	3	c	3	c	8·5	51	32	-
	Wick	29·88	43	S	2	c	29·95	+·26	43	41	+3	S	2	b	2	c	*	45	33	-
	Nairn	29·86	45	E	1	c	29·97	+·28	40	39	o	2	o	bm	1	c	*	48	29	-
	Aberdeen ...	29·94	40	S	2	c	30·04	+·27	41	39	+1	SSW	2	bc	2	p.c	4·0	46	37	0·01
British Islands.	Leith	29·91	41	E	1	r	30·05	+·35	35	35	-4	E	1	m	*	r	*	45	29	0·05
	Shields	29·86	41	E	3	c	30·06	+·37	39	37	-1	2	o	bc	3	p.c	*	45	34	0·05
	Spurn Head ...	29·77	43	ENE	4	o	30·02	+·37	42	39	-2	NNE	4	bc	4	c.o	*	46	39	-
	York	29·80	44	NE	2	c	30·06	+·39	39	35	-3	N	1	b	*	c	1·4	47	29	-
	Loughborough ...	29·75	41	NNE	1	o	30·06	+·42	38	37	+4	N	1	cm	*	sr.mc	*	41	34	0·23
	Ardrossan ...	29·87	45	NE	3	cm	30·01	+·35	38	38	-4	ENE	3	bf	1	cm.cm	*	48	31	-
	Malin Head ...	29·87	44	NNW	3	cm	29·93	+·33	43	41	+1	S	4	bcm	2	o.cm	*	46	35	-
	Belmullet ...	29·93	48	N	3	c	29·90	+·28	45	43	o	SSW	3	o	*	cm.b	*	50	38	-
	Donaghadee ...	29·88	47	NW	4	c	30·03	+·43	44	42	+2	S	3	bc	1	c	*	47	32	-
	Liverpool (Bidston)	29·80	43	NNE	1	o	30·07	+·46	40	37	+4	ESE	1	b	1	dp	*	45	34	0·01
	Holyhead	29·82	43	NE	2	o	30·04	+·50	41	39	o	SE	1	bcf	o	dpd.o	*	45	36	0·03
	Parsonstown ...	29·90	47	E	1	o	29·99	+·41	45	43	+6	SE	1	o	*	dgr.bc	2·6	50	38	0·06
	Valencia ...	30·03	49	NNW	6	cq	29·95	+·34	45	44	-1	SSE	4	gr	4	bcq	8·0	50	42	0·10
	Roche's Point ..	29·89	50	NNW	5	cqr	30·04	+·45	45	43	+3	WSW	1	o	3	c	*	51	41	0·01
	Pembroke (St. Ann's Hd.)	29·80	44	NNW	4	o	30·06	+·46	43	42	o	SSE	2	bc	4	bc.o	7·6	48	41	-
	Scilly	29·77	45	NW	7	cqr	30·08	+·36	48	45	+3	NW	3	cp	5	cqrq	2·9	48	39	0·20
	Prawle Point ...	29·73	45	NNW	3	bc	30·08	+·39	45	43	+3	NNW	3	b	2	r.c	*	46	36	0·32
	Jersey (St. Aubin's)	29·71	44	SW	6	cqu	30·07	+·31	45	43	o	NW	4	cqm	3	qrh.p	*	48	41	0·24
	Hurst Castle ...	29·70	46	WSW	4	c	30·03	+·48	43	41	-1	NNE	3	om	2	pt.c	*	49	40	0·11
	Dungeness ...	29·68	48	WSW	3	bc	29·94	+·36	43	42	-2	NW	4	cp	3	p.bc	*	53	34	0·04
	North Foreland	29·69	43	N	1	o	29·94	+·28	43	42	+1	N	4	o	3	o	*	45	36	0·12
	London (Brixton) ...	29·71	40	NW	1	or	30·00	+·38	42	40	+3	NW	2	og	*	c.tsr.o	1·2	52	38	0·13
	Oxford	29·80	40	NE	1	r	30·05	+·43	39	37	+2	N	3	o	*	or	*	47	36	0·08
	Cambridge ...	29·72	40	NNE	2	r	30·03	+·39	43	42	+3	NNW	3	o	*	orsg	0·0	43	36	0·29
	Yarmouth ...	29·67	43	E	4	o	29·93	+·26	43	42	o	N	4	c	4	ogr.o	*	44	40	0·12
Germany & Holland.	Cuxhaven ...	29·82	45	ESE	4	o	29·91	+·05	39	39	+1	E	4	bc	*	o	*	46	37	-
	Berlin	29·91	45	SE	2	r	29·98	+·06	41	39	+3	SE	2	b	*	r	*	50	37	-
	Wiesbaden ...	*	*	*	*	*	29·96	+·12	39	38	o	SW	1	c	*	*	*	46	37	0·20
	Munich... ..	29·86	41	SE	2	b	29·98	+·08	38	37	+2	W	1	o	*	b	*	50	36	-
	The Helder ...	29·73	45	NE	2	c	29·85	+·09	41	39	+2	NE	3	r	2	c	*	46	39	-
Belgium.	Brussels ...	*	*	*	*	*	29·91	+·16	38	37	-3	SW	5	r	*	r	*	49	36	0·28
	Cape Gris Nez...	29·68	45	W	5	c	29·88	+·24	42	41	+3	NW	2	r	2	c	*	48	39	-
	Paris	29·83	49	SW	3	bc	29·97	+·21	38	34	-6	SW	2	bc	*	bc	*	52	33	?0·16
	Brest	29·86	47	NW	5	r	30·12	+·28	46	42	+5	NNW	3	c	3	r	*	50	37	0·16
	Lorient... ...	29·82	48	NW	6	r	30·10	+·24	46	44	+5	NW	5	c	5	r	*	52	39	0·24
France &	Rochefort ..	30·04	48	NNW	6	bc	30·09	+·20	49	46	o	NW	6	c	*	bc	*	54	45	0·16
	Belfort	29·85	40	S	2	r	29·97	+·08	36	35	-4	WSW	1	c	*	r	*	51	35	0·16
	Lyons	29·97	45	NNW	2	bc	29·97	+·02	37	35	-7	NE	1	b	*	bc	*	61	32	0·04
	Nice	29·83	51	2	o	bc	29·74	-·09	49	39	-2	NW	3	b	2	bc	*	63	45	-
	Perpignan ...	30·01	52	NW	6	c	30·03	-·05	46	41	-6	NW	3	bc	*	c	*	65	43	-
	Biarritz ...	30·15	50	W	6	r	30·12	+·07	49	49	-5	NNW	8	r	7	rh	*	57	46	0·35
Peninsula.	Corunna ...																*			
	Lisbon	30·41	51	N	4	b	30·43	+·07	52	45	-3	N	5	b	*	b	*	61	48	-
	Azores (P. Delgada)	30·50	59	E	4	c	30·45	-·02	59	57	+1	ESE	4	c	5	c	*	68	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 now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0·7 hrs;

WEATHER CHARTS

FOR Thursday, 8th April, 1897.

BAROMETER, WIND AND SEA.

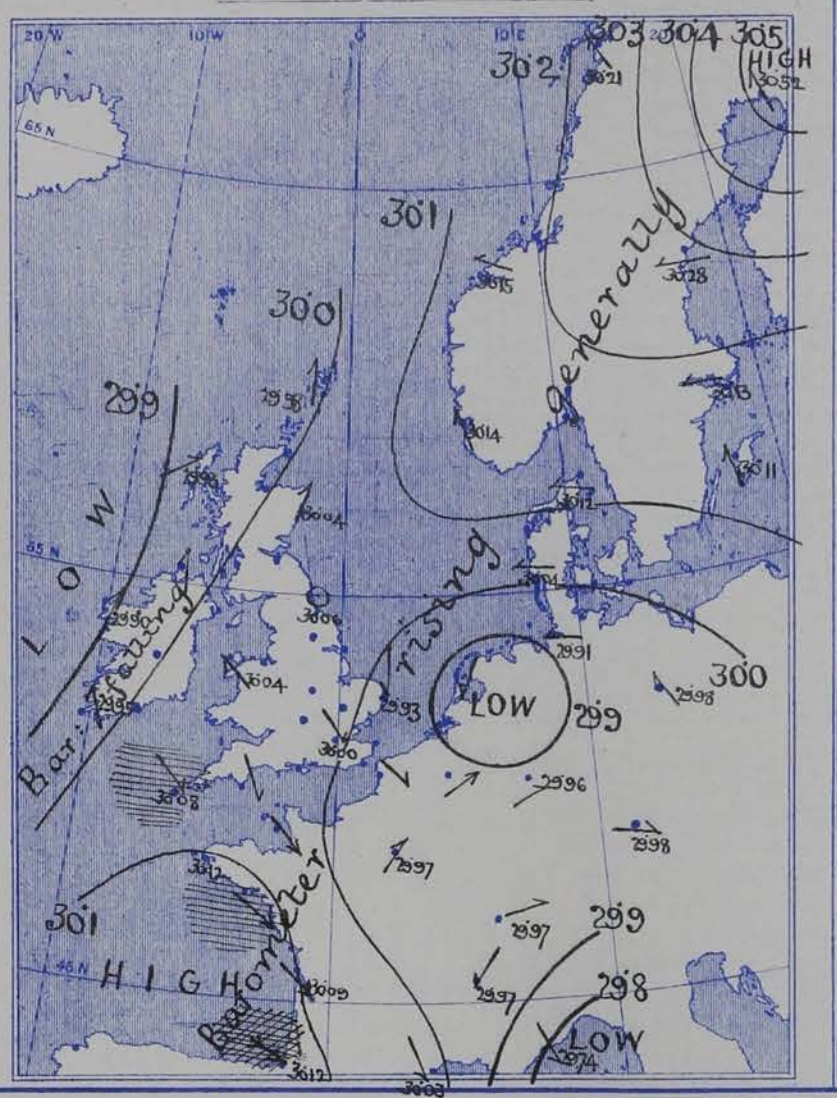
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

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

SEA—Rough ▤ ; High ▩

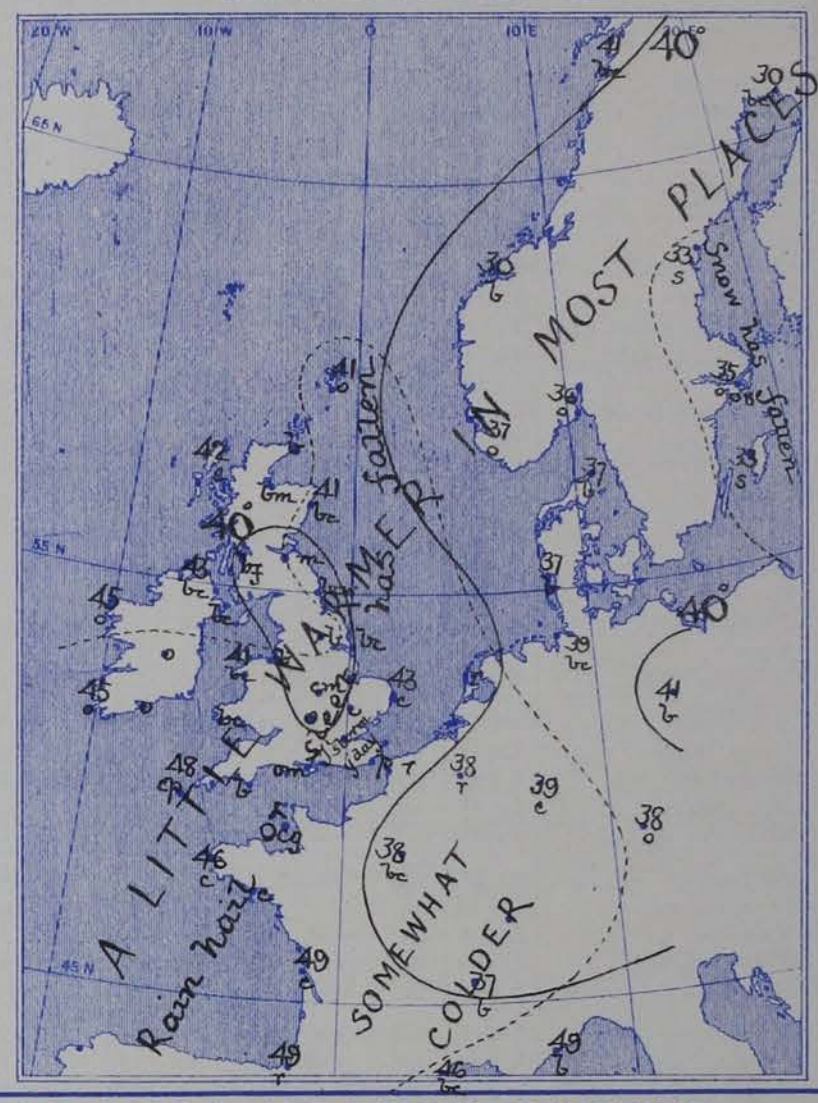


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 · 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·5 in: and upwards in Lapland; 30·4 in: and upwards over Portugal.

Lowest, 29·8 in: and less, in a depression over the Gulf of Genoa; 29·9 in: and less, in a shallow system over the Netherlands, and also in a larger disturbance lying to the W^ds of our Islands.

Gradients slight. Barometer falling again in Ireland, but rising in most other parts of our area

TEMPERATURE

Highest, 52° at Lisbon, 49° at Rochefort, Biarritz and Nice, 48° at Lielle, and 46° at Brest, Loient, and Perpignan.

Lowest (1) 30° at Haparanda, 33° at Hernösand and Wick, and 35° at Stockholm and Karlstad (2) 35° at Leith and 38° at Loughborough.

Frost occurred last night over the northern parts of the United Kingdom; at Nairn, Leith and York the thermometer in the screen fell to 29°.

WIND

Light to moderate from the S^ds on most parts of our western and northern coasts but from the N^ds over England.

NW^d in the west and south of France, with a gale at Biarritz; light from the W^ds or SW^ds over Central France and South Germany.

E^d over North Germany, Denmark, and the greater part of Scandinavia.

WEATHER

Fine over the greater part of our Islands, but dull in the west and south of Ireland, with rain at Valencia; dull also in the southeast of England, with showers at Dungeness, raining over the Netherlands.

Fine in the west of Norway and also in Denmark, North Germany, and the greater part of France, but raining at Biarritz; dull in Sweden and the south of Norway, with snow at Hernösand and Wick.

Rain, hail or sleet fell yesterday in most parts of England and France, as well as in the south of Ireland; thunder and lightning occurred in London in the afternoon, and thunder was heard at Hurst Castle.

SEA

Moderate or slight generally, but rather rough at the mouth of the Channel and high at Biarritz.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depressions noticed yesterday over the west and south of our Islands have moved away to the eastward and are filling up. A new disturbance is, however, approaching our western coasts, and increasing S^ly winds are probable in the west and north generally, with a renewal of unsettled rainy weather.

FORECASTS

For the 24 hours ending at NOON on 9^th APRIL 1897.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S^ly and SE^ly winds, freshening; fine at first, some rain later.
1 SCOTLAND EAST	
2 ENGLAND N.E.	Same as N°5.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	N^ly winds, backing later to the SW^wd or S^wd; fair generally.
6 SCOTLAND WEST	SE^ly winds, freshening; fine at first, some rain later.
7 ENGLAND N.W.	
8 ENGLAND S.W.	S^ly winds, freshening; fine at first, some rain later.
9 IRELAND NORTH	S- and SE^ly winds, increasing in force; dull, rainy.
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 ...	30·02	41	36	S	2	bc	2
Sumburgh Head	29·88	41	40	S	3	r	5
Stornoway	29·77	50	44	W	3	o	3
Aberdeen	29·87	42	40	S SE	2	c	3
Shields	29·76	43	41	E SE	3	c	4
Ardrossan	29·77	47	45	SE	3	cm	1
Malin Head ...	29·76	45	43	E	3	o	2
Belmullet	29·81	49	47	NNW	2	om	*
Holyhead	29·68	42	40	NNE	2	oam	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·85	50	44	NW	6	bcqr	6
Scilly	29·63	46	44	NW	8	cqr	6
Jersey	29·77	46	43	WSW	6	chrq	5
Hurst Castle ...	29·67	44	42	SW	4	tr	2
Dungeness ...	29·62	46	45	WSW	4	p	3
North Foreland	29·64	45	43	W	3	o	2
London (Westminster)	29·61	50	45	WSW	1	o	*
Yarmouth ...	29·63	44	42	E	4	ogr	4
Rochefort ...	30·00	52	51	WNW	6	bc	*

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

Weather in morning cloudy over the United Kingdom generally and also in many parts of France; snow falling at Loughborough, rain at several of the English and French stations and passing showers on our southwest coast. Fine over the Spanish Peninsula, the south of France and northern Italy as well as over North Germany & the Netherlands; dull in most other parts of the Continent, with rain at Memel and Trieste, and snow in the south of Sweden. Rain, hail or sleet falling later over nearly the whole of England, France, and the south of Ireland, thunder and lightning occurring in the south of England.

Temperature changed rather irregularly. Morning readings highest 65° at Algiers, 63° at Nemours, 62° at Palermo; above 55° at several of the Mediterranean and Spanish coast stations. Lowest 22° at Archangel, 28° at Wisborg and Kuopio, and 29° at Haparanda; below 40° over northern and Central Europe generally, and also over the central parts of the United Kingdom. Rising during day to 50° and upwards at a few of our eastern and southern stations and also at Stornoway; exceeding 60° over the Spanish Peninsula and the south of France, and reaching 65° at Perpignan.

Wind strong from the NW^{wd} over the southwest of our Islands, the west and south of France and the Spanish Peninsula; SW^{ly} over Central France. Light to moderate from the E^{wd} or SE^{wd} over all the more northern and eastern parts of our Islands, and also over the northern and central parts of the Continent. NE^{ly} in the south of Russia, calm in Austria, variable in Italy. Subsequently veering to the NW^{wd} on our more eastern coasts; no important change occurring elsewhere.

Barometer highest 30·65 in: at Archangel; 30·0 in: and upwards in an anticyclone covering northern Europe generally, and also in another system over Algeria, Spain, and the south of France. Lowest 29·6 in: and less, in two shallow depressions,—one lying over Ireland and Wales and the other over the southeast of England. Depressions subsequently moving eastwards and partially filling up; barometer rising briskly on our eastern coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Friday, 9th April, 1897.

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 ...	30.48	29	SE	2	b	30.34	-.18	28	27	- 2	S	2	bc	≈	b	≈	41	28	-
	Hernösand ...	30.29	33	S	6	S	30.22	-.06	34	33	+ 1	ENE	2	S	≈	S	≈	36	32	0.59
	Stockholm ...	30.17	35	calm	0	r	30.18	+.05	34	34	- 1	calm	0	f	≈	r	≈	37	32	0.20
	Wisby	30.17	34	NNW	4	f	30.19	+.08	34	34	+ 1	NNW	2	f	≈	f	≈	34	28	0.12
	Karlstad ...	30.18	36	SSW	1	0	30.21	+.10	32	31	- 3	SSE	2	bf	≈	0	≈	≈	≈	-
	Bodö	30.21	38	ENE	2	c	30.12	-.09	39	35	- 2	E	2	bc	1	c	≈	41	34	-
	Christiansund ...	30.16	36	ESE	1	b	30.10	-.05	35	31	+ 5	calm	0	b	3	b	≈	43	30	-
	Skudesnaes ...	30.12	38	calm	0	b	30.10	-.04	38	35	+ 1	E	4	bc	1	bc.b	≈	45	36	≈
	Færder (Christiania Fjord)	30.17	37	W	1	b	30.19	+.06	35	34	- 1	calm	0	b	0	b	≈	41	32	-
	Skagen (The Scaw)	30.19	38	calm	0	b	30.19	+.07	39	37	+ 2	ESE	1	c	0	b	≈	48	36	-
	Fanö	30.04	40	ESE	4	b	30.04	+.04	39	38	+ 2	ESE	2	c	≈	b	≈	52	37	-
	Sumburgh Head	29.97	43	S	3	0	29.79	-.19	42	40	+ 1	S	4	0	5	0	≈	44	41	-
	Stornoway ...	29.80	47	SW	5	0	29.79	-.14	41	40	- 1	W	3	0	3	b.0	8.1	50	37	0.02
	Wick	29.88	46	S	3	b	29.76	-.19	42	42	- 1	SW	2	d	2	bc	≈	50	38	0.05
	Nairn	29.86	46	calm	0	c	29.78	-.19	45	43	+ 5	W	1	c	1	c	≈	55	35	-
	Aberdeen ...	29.98	40	SSE	4	bcq	29.87	-.17	40	39	- 1	SW	2	oq	2	bcq.r	8.0	45	38	0.03
	Leith	29.93	43	E	1	b	29.85	-.20	46	43	+ 11	SSW	1	0	≈	b	≈	54	33	-
	Shields	29.98	40	E	3	bc	29.93	-.13	39	38	0	SSE	1	om	2	b.bc	≈	46	35	-
	Spurn Head ...	30.03	40	ESE	2	bv	29.99	-.03	41	40	- 1	SSE	3	0	3	bv	≈	46	37	-
	York	30.01	49	ESE	1	b	29.98	-.08	39	37	0	SSE	1	0	≈	b	10.4	52	33	-
	Loughborough ...	30.02	51	SE	1	b	30.01	-.05	43	41	+ 5	S	3	omqp	≈	c.bc.om	≈	54	36	-
British Islands.	Ardrossan ...	29.90	46	SE	2	cm	29.85	-.16	45	45	+ 7	W	3	op	2	bm.cm	≈	50	37	0.04
	Malin Head ...	29.76	45	S	5	orm	29.88	-.05	44	42	+ 1	WNW	4	oq	2	c.orm	≈	50	41	0.02
	Belmullet ...	29.78	49	NNW	3	bc	29.93	+.03	42	42	- 3	NNW	2	of	≈	or.bc	≈	50	37	0.33
	Donaghadee ...	29.90	46	S	5	c	29.91	-.12	46	45	+ 2	WNW	4	c	2	c	≈	48	41	0.08
	Liverpool (Bidston)	29.96	48	SSE	2	0	29.94	-.13	48	41	+ 8	SSE	1	0	2	0	≈	52	48	-
	Holyhead ...	29.94	47	S	3	0	29.93	-.11	46	45	+ 5	W	3	am	2	bc.0	≈	50	39	0.12
	Parsonstown ...	29.89	46	SE	2	r	30.00	+.01	45	44	0	SW	1	oq	≈	0.or	0.0	49	42	0.09
	Valencia ...	29.90	51	NW	4	0	29.94	-.01	48	47	+ 3	SSE	4	rm	4	rm.0	0.2	52	44	0.40
	Roche's Point ..	29.87	50	WNW	2	f	30.02	-.02	48	47	+ 3	SW	3	r	4	r.f	≈	51	40	0.15
	Pembroke (St. Ann's Hd.)	29.97	46	SW	4	0	29.99	-.07	47	47	+ 4	NW	3	oq	4	c.0	4.9	49	43	0.04
	Scilly	29.95	49	S	3	rm	30.05	-.03	49	48	+ 1	WNW	4	c	5	r.rm	0.3	51	45	0.20
	Prawle Point ...	30.04	47	SW	3	0	30.03	-.05	47	47	+ 2	S	2	f	2	c.rf	≈	51	42	0.02
	Jersey (St. Aubin's)	30.08	49	WNW	3	oqm	30.07	.00	48	47	+ 3	SSE	3	omqp	3	bc.oqm	≈	52	44	0.01
	Hurst Castle ...	30.04	46	SW	2	cm	30.05	+.02	48	45	+ 5	S	3	om	2	c.om	≈	52	42	-
	Dungeness ...	30.03	46	SW	1	c	30.10	+.16	47	46	+ 4	SSW	3	bc	2	c	≈	51	42	-
	North Foreland	30.06	45	SE	2	c	30.12	+.18	47	45	+ 4	S	3	bc	2	bc.c	≈	49	40	-
	London (Brixton) ...	30.02	48	calm	0	bm	30.08	+.08	45	43	+ 3	S	2	c	≈	bc.bmw	2.8	51	37	0.01
	Oxford	30.03	45	SW	1	m	30.05	.00	44	43	+ 5	S	2	oq	≈	o.bcm	≈	53	39	-
	Cambridge ...	30.04	48	N	1	bv	30.08	+.05	43	42	0	SSW	1	om	≈	bv	8.4	52	30	-
	Yarmouth ...	30.00	44	N	4	bc	30.05	+.12	43	41	0	SSW	3	cf	3	bc	≈	47	35	-
Germany & Holland.	Cuxhaven ...	29.98	45	N	1	c	30.08	+.17	41	41	+ 2	S	2	c	≈	c	≈	48	34	-
	Berlin	30.01	41	SE	1	c	30.17	+.19	44	39	+ 3	SE	3	bc	≈	c	≈	51	39	-
	Wiesbaden ...	≈	≈	≈	≈	≈	30.17	+.21	40	39	+ 1	calm	0	b	≈	≈	≈	52	34	-
	Munich	30.01	41	W	2	r	30.13	+.15	38	38	0	W	3	r	≈	r	≈	45	37	0.12
	The Helder ...	29.97	42	N	1	0	30.12	+.27	42	40	+ 1	NSW	1	b	1	0	≈	43	39	0.12
Belgium.	Brussels ...	≈	≈	≈	≈	≈	30.19	+.28	42	41	+ 4	SSE	2	f	≈	b	≈	47	33	0.12
	Cape Gris Nez ...	30.02	44	NW	2	0	?	?	41	40	- 1	S	1	m	1	0	≈	50	39	-
	Paris	30.06	48	NW	2	bc	30.18	+.21	34	34	- 4	SSW	1	f	≈	bc	≈	56	32	-
	Brest	30.08	46	S	2	r	30.11	-.01	50	47	+ 4	NW	2	0	2	r	≈	50	43	0.35
	Lorient	30.11	48	WNW	4	0	30.08	-.02	50	48	+ 4	WNW	2	c	2	0	≈	55	43	0.08
France &	Rochefort ...	30.17	51	WNW	4	0	30.19	+.10	48	47	- 1	SSE	3	0	≈	0	≈	55	46	-
	Belfort	30.07	38	calm	0	f	30.17	+.20	36	35	0	calm	0	m	≈	f	≈	48	32	0.04
	Lyons	30.05	44	NNW	2	bc	30.15	+.18	42	38	+ 5	NNW	2	b	≈	bc	≈	52	37	-
	Nice	29.79	48	NE	6	be	29.95	+.21	46	40	- 3	NE	2	c	2	bc	-	63	39	-
	Perpignan ...	30.07	51	NW	5	b	30.14	+.11	50	44	+ 4	NW	4	c	≈	b	≈	57	46	0.04
	Biarritz ...	30.20	51	W	5	r	30.15	+.03	54	52	+ 5	W	6	r	4	r	≈	55	49	1.26
Penin-sula.	Corunna ...																≈			
	Lisbon	30.40	53	N	6	b	30.36	-.07	55	48	+ 3	NNE	5	b	≈	b	≈	61	50	-
	Azores (P. Delgada)																≈			

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

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

Bright Sunshine yesterday Southport 10.7 hrs;

WEATHER CHARTS

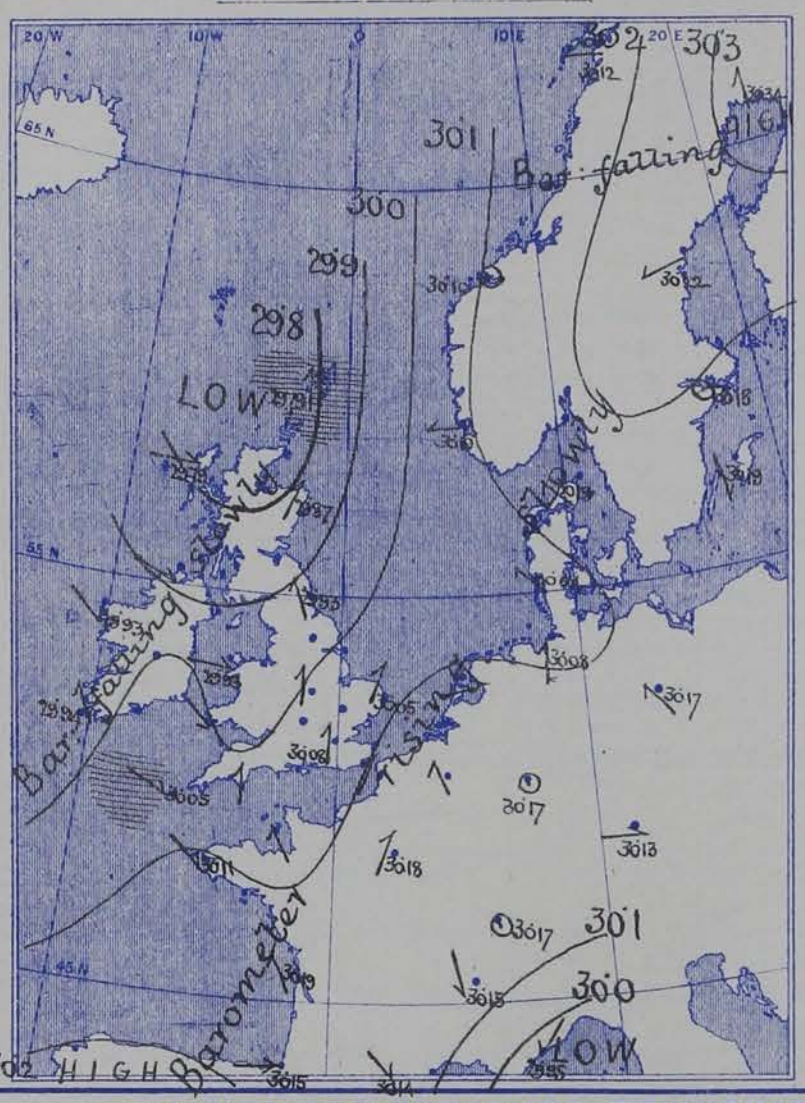
FOR ..... Friday, 9th April, ... 1897.

BAROMETER, WIND AND SEA.

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

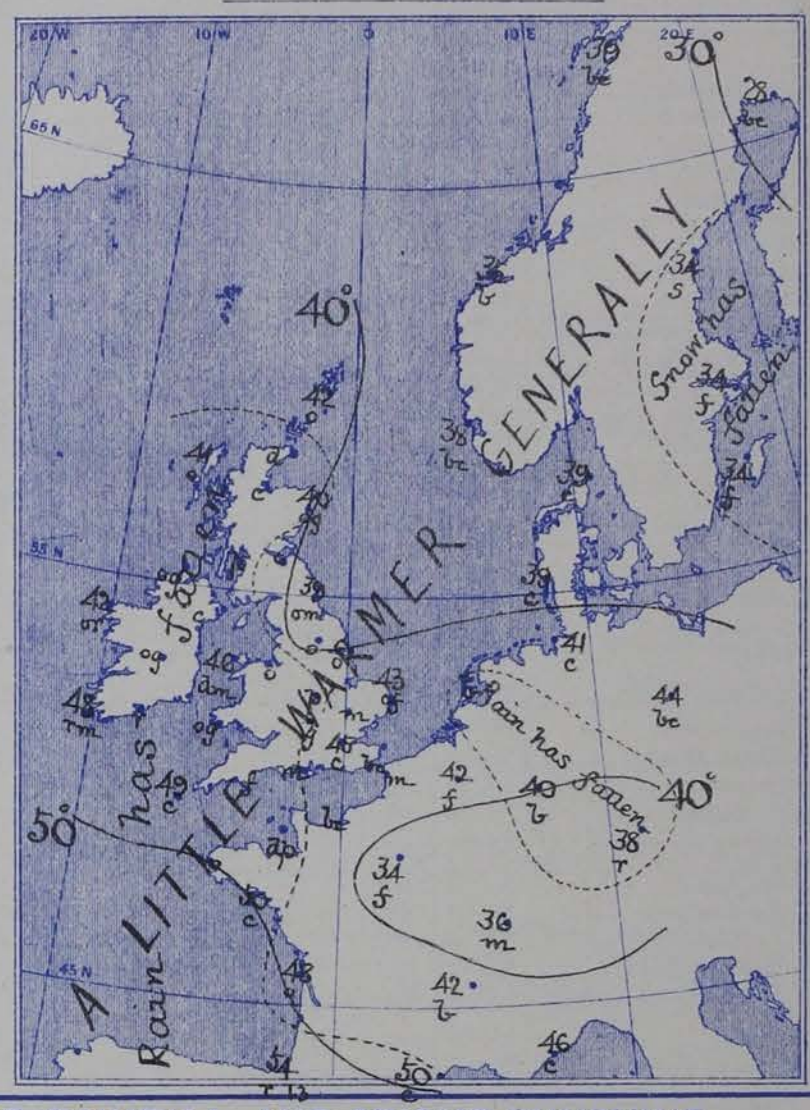
Force above 10 ⟫⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙
Force 8 to 10 ↣⟶ ; *Force 1 to 4* ⟶ ; }

SEA—*Rough* ▤ ; *High* ▩



TEMPERATURE & WEATHER.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 . 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 . 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 ins: and upwards in two anticyclones, — one lying over Portugal and the other over Lapland.
Lowest, 29·8 ins: and less, in a shallow depression lying off the north of Scotland.
Gradients slight. Barometer falling in Ireland and the northern parts of Great Britain, as well as at most of the Scandinavian stations, but rising elsewhere.

TEMPERATURE

Highest, 55° at Lisbon, 54° at Biarritz, 50° at Brest, Lorient and Perpignan, and 48° at Scilly.
Lowest, (1) 28° at Haparanda, 32° at Karlstad and 34° at Hernösand, Stockholm, and Wisby; (2) 34° at Paris, and 36° at Belfast.
During yesterday the thermometer rose to 50° and upwards in many parts of the United Kingdom, and to 55° at Nairn.

WIND

Light to moderate from the W.ds on the west coasts of Great Britain and also in the north of Ireland.
S.ly in most other parts of the United Kingdom and also over Belgium and the north and west of France.
Light from the E.ad at most of the Scandinavian and Danish stations.

WEATHER

Cloudy over the United Kingdom as a whole, with steady rain in the west and south of Ireland and passing showers in a few other districts. Fair at most of the Continental stations, but foggy at Paris and Brussels, and also in the south of Sweden: rain is falling at Biarritz and Munich, and snow at Hernösand. Rain fell yesterday in the west and extreme north of our Islands generally, as well as at many of the Continental stations; heavily at Biarritz. Solar and lunar halos were seen at Jersey.

SEA

Moderate to smooth generally, but rather rough at Scilly and Lerwick Shet.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The "V shaped" depression which appeared over our Islands yesterday is moving slowly eastwards. In the south of Ireland there are indications of the advance of another disturbance from the westward.

FORECASTS

For the 24 hours ending at NOON on 10th APRIL 1897.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW.ly to S.ly winds, moderate or fresh; cloudy, some showers.
1 SCOTLAND EAST	
2 ENGLAND N.E.	Same as No. 5.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	S.ly winds, moderate; cloudy, unsettled, some rain.
6 SCOTLAND WEST	W.ly to S.ly winds, freshening; dull, some rain.
7 ENGLAND N.W.	
8 ENGLAND S.W.	
9 IRELAND NORTH	S.ly winds, freshening; unsettled, rain at times.
10 IRELAND SOUTH	
WARNINGS	NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·15	45	37	S	2	bc	1	Valencia	29·86	52	51	SW	4	rm	5
Sumburgh Head	29·98	43	39	S	3	o	4	Scilly	30·03	48	46	S	3	r	4
Stornoway	29·84	50	45	S	5	f	5	Jersey	30·09	52	47	WNW	3	bc	3
Aberdeen	30·01	42	38	SSE	4	bcqs	3	Hurst Castle ...	30·04	52	47	SW	2	c	1
Shields	30·03	43	39	E	2	b	3	Dungeness ...	30·00	49	47	SSW	1	c	1
Ardrossan	29·94	49	48	SSW	1	b	1	North Foreland	30·03	47	45	N	2	bc	2
Malin Head ...	29·80	49	46	S	5	c	2	London (Westminster)	30·01	50	44	NW	1	c	*
Belmullet	29·76	46	46	SSE	4	or	3*	Yarmouth ...	29·97	47	43	N	4	bc	4
Holyhead	29·99	50	45	S	3	bc	3*	Rochefort ...	30·17	54	51	NNW	2	c	*

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

Weather in morning fine over the greater part of our Islands, but dull in the west and south of Ireland, with rain at Valencia; dull also in the southeast of England, with showers at Dungeness, passing over the Netherlands. Fine over the Spanish Peninsula and the southern parts of France and Italy, as well as in Denmark, the west of Norway, and northern Russia; cloudy in most other parts of the Continent, with rain at Limoges and Biarritz, and snow at Hernösand and Wisby. Rain falling later in the west and extreme north of our Islands generally as well as over the eastern parts of the Continent—heavily at Biarritz.

Temperature rises over our Islands and Central Europe, but falls elsewhere. Morning readings highest 61° at Algiers, 60° at San Fernando and Oran, and 59° at Sfax and Constantinople; above 50° at the Mediterranean and Spanish coast stations generally. Lowest 11° F at Archangel, 28° at Kuopio, 30° at Haparanda, 31° at Helsingfors, and 32° at Hangö, below 40° over northern and central Europe generally, and also over the central parts of our Islands. Rising during day to 50° and upwards in many parts of the United Kingdom and to 55° at Nairn; exceeding 60° over the Spanish Peninsula and the extreme south of France.

Wind light to moderate from the S^ward in the west and north of our Islands. E^ly over northern Europe generally; N^ly over the greater part of England; strong from the NW^ward in the west and south of France, with a gale at Biarritz; N^ly to E^ly in Spain. Variable over Italy, Austria and South Germany. Subsequently backing to the S^ward in many parts of England, but veering to the NW^ward in the west and south of Ireland.

Barometer highest 30·84 ins. at Archangel; 30·1 ins. and upwards in an anticyclone covering northern Europe generally, and also in another system over the Spanish Peninsula. Lowest 29·9 ins. and less, in four depressions—one lying to the westward of our Islands, another over the Netherlands, a third over Italy, and the fourth over the south of Russia. Depression to the westward of our Islands subsequently advancing eastwards as a "V shaped" system over our western coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Saturday 10th April, 1897.

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 ...	30·26	33	SSE	2	o	30·23	− ·11	34	33	+ 6	S	2	o	*	o	*	39	19	—
	Hernösand ...	30·21	33	2	o	f	30·25	+ ·03	33	32	− 1	S	2	f	*	f	*	36	32	0·08
	Stockholm ...	30·26	36	2	o	o	30·29	+ ·11	32	32	− 2	E	2	f	*	o	*	39	32	—
	Wisby	30·30	34	NNW	4	f	30·29	+ ·10	31	31	− 3	ESE	4	f	*	f	*	36	30	—
	Karlstad ...	30·21	36	SSW	2	b	30·18	− ·03	38	36	+ 6	SSE	2	o	*	b	*	*	*	—
	Bodö	30·02	37	E	2	bc	29·96	− ·16	33	33	− 6	E	2	b	1	bc	*	45	33	—
	Christiansund ...	29·99	40	ESE	2	bc	29·96	− ·14	41	37	+ 6	ESE	1	c	3	bc	*	43	30	—
	Skudesnaes ...	30·04	40	S	4	o	29·90	− ·20	39	37	+ 1	SSE	6	r	?	r,o	*	41	36	*
	Færder (Christiania Fjord)	30·17	39	E	1	o	30·13	− ·06	39	39	+ 4	SSE	1	m	1	o	*	39	34	—
	Skagen (The Scaw)	30·14	41	SW	1	c	30·13	− ·06	40	39	+ 1	SSE	2	m	o	c	*	43	37	0·04
	Fanö	30·13	38	WSW	1	b	30·01	− ·03	41	39	+ 2	S	4	c	*	b	*	50	36	—
	Sumburgh Head	29·78	42	WNW	1	o	29·92	+ ·13	42	38	o	N	2	b	4	o	*	46	35	0·07
	Stornoway ...	29·83	44	W	3	c	30·09	+ ·30	38	37	− 3	W	3	bc	3	o,c	2·6	47	32	0·05
	Wick	29·78	43	2	o	r	30·02	+ ·26	42	41	o	NW	4	bc	3	d,hp	*	49	36	0·22
	Nairn	29·84	41	W	1	r	30·08	+ ·30	42	41	− 3	WNW	2	b	1	r	*	48	33	0·10
	Aberdeen ...	29·83	41	NW	3	orq	30·09	+ ·22	43	39	+ 3	WNW	4	bq	2	ogp,rq	0·0	47	36	0·16
British Islands.	Leith	29·85	45	W	1	o	30·14	+ ·29	44	39	− 2	W	2	b	*	o	*	50	35	0·02
	Shields	29·83	48	SSW	2	r	30·10	+ ·17	42	40	+ 3	W	3	b	2	dpm,r	*	50	38	0·18
	Spurn Head ...	29·91	46	SSW	4	od	30·07	+ ·08	43	42	+ 2	NW	4	c	3	o,od	*	49	41	0·08
	York	29·90	48	SSW	1	m	30·11	+ ·13	42	38	+ 3	NNW	2	b	*	m	0·0	49	36	0·26
	Loughborough ...	29·94	49	S	2	o	30·13	+ ·12	43	40	o	NW	2	bm	*	omp,bc	*	50	40	0·17
	Ardrossan ...	29·86	43	WNW	3	p	30·17	+ ·32	45	44	o	WNW	3	b	2	op	*	47	37	0·03
	Malin Head ...	29·92	41	NNW	3	c	30·20	+ ·32	44	42	o	NW	4	b	2	o,c	*	44	39	0·06
	Belmullet ...	30·02	44	NNW	3	c	30·30	+ ·37	45	43	+ 3	NNW	1	c	*	or,c	*	45	33	0·23
	Donaghadee ...	29·91	43	NW	2	r	30·22	+ ·31	43	40	− 3	NW	4	b	2	r	*	47	36	0·25
	Liverpool (Bidston)	29·88	46	SSW	1	r	30·18	+ ·24	44	40	− 4	NW	3	b	3	bc,r	*	51	40	0·31
	Holyhead ...	29·84	46	SW	4	af	30·22	+ ·29	45	42	− 1	N	5	bc	4	rgm,af	*	48	41	0·33
	Parsonstown ...	29·90	43	N	2	o	30·30	+ ·30	42	39	− 3	2	o	b	*	or,b	0·3	52	33	0·21
	Valencia ...	30·07	48	NW	6	ogq	30·32	+ ·39	46	41	− 2	NNE	1	bc	4	bcm,ogq	3·1	55	36	0·18
	Roche's Point ..	29·92	52	NW	5	bc	30·33	+ ·31	44	41	− 4	NNW	2	b	3	bc	*	55	38	0·10
	Pembroke (St. Ann's Hd.)	29·91	47	WSW	5	o	30·26	+ ·27	44	42	− 3	N	4	b	4	o	0·0	48	43	0·19
	Scilly	30·05	51	WSW	5	o	30·27	+ ·22	47	43	− 2	N	4	c	3	f,o	1·0	52	43	—
	Prawle Point ...	30·05	47	SSW	3	r	30·22	+ ·19	47	44	o	NNW	4	bc	3	fd,pq	*	52	41	0·11
	Jersey (St. Aubin's)	30·12	51	W	3	cgm	30·18	+ ·11	47	45	− 1	NW	4	om	3	fd,gm,p	*	52	46	0·04
	Hurst Castle ...	30·04	48	SW	3	om	30·11	+ ·06	46	42	− 2	N	5	bc	3	om	*	50	44	0·01
	Dungeness ...	30·05	48	SSW	3	d	29·98	− ·12	46	46	− 1	NNW	4	p	3	c,d,f	*	53	46	0·06
	North Foreland	30·06	50	S	3	o	29·98	− ·14	48	47	+ 1	NW	4	r	3	bc,o	*	54	45	0·10
	London (Brixton) ...	30·02	48	S	3	o	30·08	·00	44	42	− 1	N	3	o	*	o,c,or	0·5	57	43	0·06
	Oxford	29·98	47	SSW	2	r	30·13	+ ·08	43	40	− 1	NNW	3	b	*	o,r	*	52	42	0·04
	Cambridge ...	29·99	50	SSW	3	om	30·10	+ ·02	44	42	+ 1	NNW	4	o	*	om	0·6	55	41	0·12
	Yarmouth ...	29·98	47	S	4	c	29·99	− ·06	43	42	o	NNW	5	cq	4	c	*	49	40	0·11
Germany & Holland.	Cuxhaven ...	30·15	45	NNE	2	b	30·04	− ·04	42	41	+ 1	SSE	3	c	*	b	*	48	36	—
	Berlin	30·19	49	SE	2	b	30·16	− ·01	44	41	o	SE	1	b	*	b	*	59	39	—
	Wiesbaden ...	*	*	*	*	*	30·13	− ·04	41	41	+ 1	2	o	c	*	*	*	55	36	—
	Munich	30·19	43	W	4	c	30·17	+ ·04	42	41	+ 4	W	3	o	*	c	*	46	38	0·08
	The Helder ...	30·08	47	S	1	c	29·95	− ·17	46	45	+ 4	SSW	1	o	1	c	*	50	42	0·20
France & Belgium.	Brussels ...	*	*	*	*	*	30·01	− ·18	46	46	+ 4	S	1	r	*	b	*	57	44	0·16
	Cape Gris Nez ...	30·04	49	SW	1	m	29·93	?	47	47	+ 6	W	3	o	2	m	*	54	41	0·16
	Paris	30·17	54	SSW	2	bc	30·08	− ·10	49	48	+ 15	WSW	2	c	*	bc	*	59	34	0·16
	Brest	30·17	51	WNW	3	f	30·26	+ ·15	47	43	− 3	WSW	3	c	2	f	*	50	45	—
	Lorient	30·19	51	NW	3	c	30·21	+ ·13	49	46	− 1	NW	4	c	2	c	*	55	41	—
	Rochefort ...	30·21	54	WNW	4	c	30·23	+ ·04	53	50	+ 5	WNW	4	o	*	o,c	*	63	48	—
	Belfort	30·17	48	2	o	o	30·15	− ·02	39	38	+ 3	E	1	m	*	o	*	55	35	—
	Lyons	30·20	51	N	1	b	30·19	+ ·04	45	39	+ 3	N	1	o	*	b	*	57	40	—
	Nice	30·06	52	NW	1	b	30·04	+ ·09	52	44	+ 6	2	o	b	1	b	*	59	43	—
	Perpignan ...	30·17	61	NW	2	b	30·21	+ ·07	57	50	+ 7	NW	3	o	*	b	*	63	50	—
	Biarritz ...	30·25	54	NNW	4	o	30·28	+ ·13	53	49	− 1	W	5	o	3	o	*	57	50	0·24
Penin-sula.	Corunna ...																*			
	Lisbon	30·24	56	N	4	b	30·20	− ·16	62	54	+ 7	NNE	5	c	*	b	*	66	54	—
	Azores (P. Delgada)	30·44	61	ESE	3	c	30·44		60	58		ESE	1	b	2	c	*	64	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 now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0·0 hrs;.

WEATHER CHARTS

FOR SATURDAY, 10TH APRIL, 1897.

BAROMETER, WIND AND SEA.

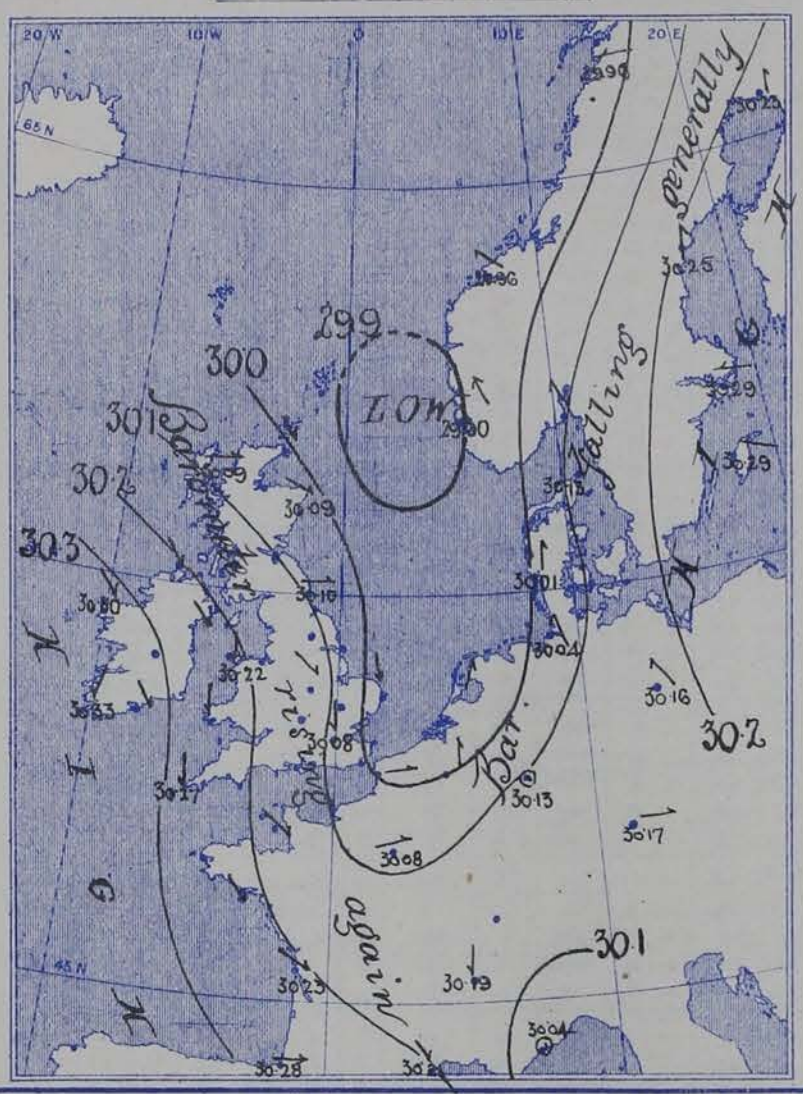
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

Force 8 to 10 ⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▤ ; High ▨

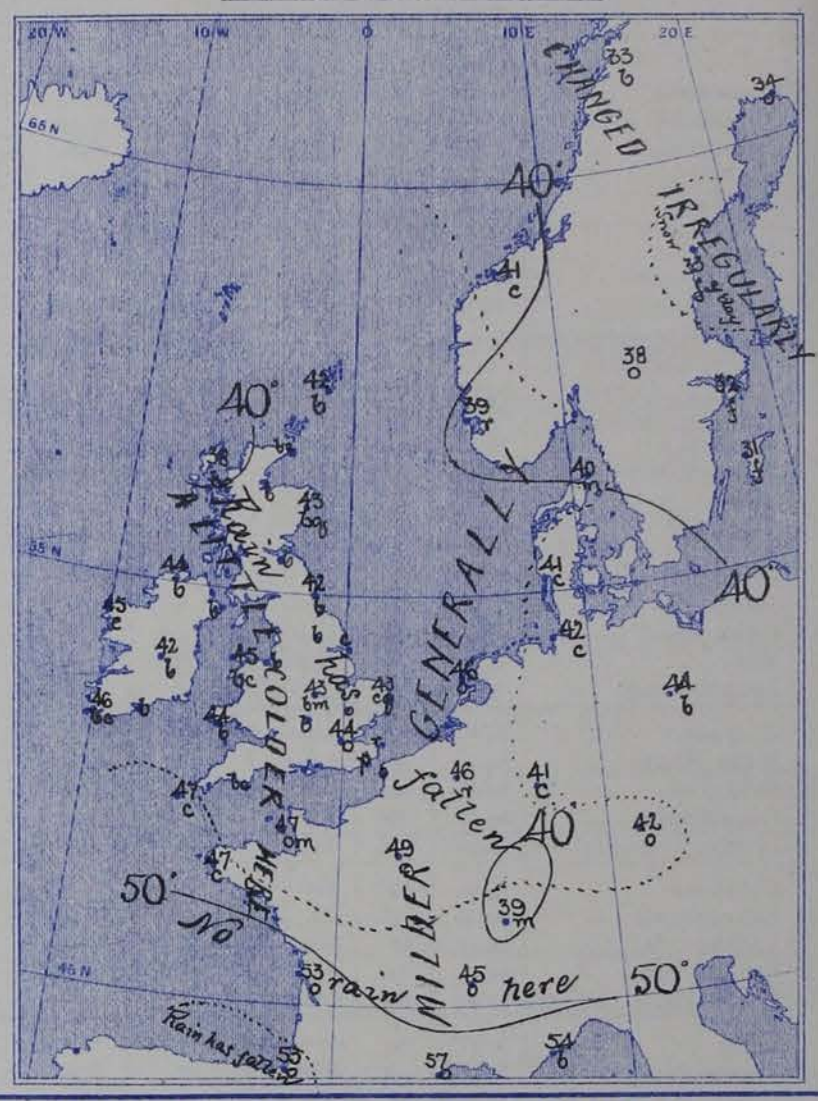


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 30.3 ins. and upwards in an anticyclone extending from the Atlantic over the N. parts of Ireland; 30.2 ins. and upwards in another system lying over Sweden. Lowest 29.9 ins. and less in a depression lying between the Shetlands and the Norwegian coasts; 30.0 ins. and less in a "V shaped" secondary system stretching southwards over the Netherlands. Gradients slight. Barometer rising in our Islands and the north and west of France, but falling in most other parts of western Europe.

TEMPERATURE — Highest 62° at Lisbon, 57° at Perpignan, 53° at Rochefort and Biarritz, 52° at Nice, & 49° at Paris & Lorient. Lowest 31° at Wisby, 32° at Stockholm, 33° at Bodö and Hernösand, and 34° at Haparanda; lowest in our Islands, 38° at Stornoway.
During yesterday the thermometer rose to 50° and upwards in several parts of the United Kingdom, to 55° at Roche's Point and Cambridge, and to 57° in London.

WIND — Light to fresh from the NW. or N. over the greater part of our Islands and France. E. or SE. over Scandinavia, Denmark, N. Germany and the Netherlands; light in force generally, but strong at Skudesnaes.

WEATHER — Fine over the United Kingdom as a whole, but dull in the SE. of England, with rain on the Kentish coasts. Dull at most of the Continental stations, with fog in Sweden, and rain at Skudesnaes & Brussels.
Rain fell yesterday over nearly the whole of our Islands, and the neighbouring parts of the Continent, but the amount was, as a rule comparatively slight.

SEA — Moderate to smooth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer is at present rising steadily in the west, but it is doubtful whether the anticyclone in that neighbourhood will hold for any length of time. Over Gt. Britain fair cool weather is likely to continue during the ensuing 24 hours.

FORECASTS

For the 24 hours ending at NOON on 11TH APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW. winds, backing later; fair generally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No. 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	N. and NW. winds, backing later, fair generally, frost at night.
6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	NW. to SW. winds, fair at first, some rain later.
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	None issued

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·07	40	37	S	4	r	3	Valencia	29·89	53	50	SW	7	bcm	6
Sumburgh Head	29·75	43	42	SW	2	o	4	Scilly	30·06	51	50	SSW	4	f	4
Stornoway	29·81	47	41	WNW	3	o	3	Jersey	30·11	51	51	SW	4	m	3
Aberdeen	29·82	46	44	S	2	ogp	2	Hurst Castle ...	30·06	49	48	SSW	2	om	2
Shields	29·86	50	48	SW	1	apm	2	Dungeness ...	30·08	52	49	SSW	3	c	2
Ardrossan	29·85	45	45	WNW	3	op	2	North Foreland	30·09	51	49	S	4	bc	2
Malin Head ...	29·87	44	43	NNW	3	o	1	London (Westminster)	30·04	55	50	SSW	2	o	*
Belmullet	29·84	42	42	E	4	or	*	Yarmouth ...	30·02	48	46	SSE	5	c	4
Holyhead	29·92	46	45	SW	2	rmg	1	Rochefort ...	30·22	54	52	S	3	o	*

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

Weather in morning cloudy over the United Kingdom generally, with steady rain in the W. and S. of Ireland, and passing showers in some other localities. Fair over the W^m. parts of the Continent as a whole, but with fog in places; dull in most of the E^n. and S^n. countries, with rain at Biarritz, Turin and Munich; snow reported at Hernösand. Rain falling later over nearly the whole of our Islands and the neighbouring parts of the Continent.

Temperature risen in most countries, but fallen over Italy and central France. Morning readings highest 60° at Constantinople and Algiers, 59° at Spezia, and 57° at Barcelona; above 50° at many of the Mediterranean, Adriatic and Spanish coast stations. Lowest (1)28° at Archangel and Haparanda and 32° at Ulleaborg, Karlstad and Moscow; (2) 34° at Paris and Limoges, and 36° at Belfort; below 40° in the N^E. of England. Rising during day to 50° and upwards in many parts of our Islands, and to 57° in London; exceeding 60° over the Spanish peninsula and the extreme S. of France.

Wind light to moderate from the W^nd. or NW^nd. over the western parts of our Islands generally, but S^th. in the south of Ireland. S^th. over all the more eastern parts of the United Kingdom; SE^th. or E^th. over northern Europe generally. Rather variable over the S^n. parts of the Continent, but chiefly N^th. (NE. to NW). Subsequently backing to the SW^nd. in the west of England, but shifting to the NW^nd. in Ireland.

Barometer highest 30.69 ins. at Archangel; 30.2 ins. and upwards in an anticyclone over Sweden and N^n. Russia generally, and also in another system over the Spanish peninsula. Lowest 29.8 ins. and less in a shallow depression off the N. of Scotland; 29.9 ins. and less in a large area lying over Italy, Greece & the neighbouring provinces. Scotch depression subsequently moving slowly E^wds.; "V shaped" secondary system advancing over our W^n. coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Sunday 11th April, 1897.

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 ...	30·29	31	S	2	o	30·21	—·02	30	30	— 4	S	2	o	*	o	*	36	30	—
	Hernösand ...	30·25	31	2	o	f	30·23	—·02	31	?	— 2	2	o	f	*	f	*	34	28	—
	Stockholm ...	30·22	36	2	o	f	30·21	—·08	36	36	+ 4	E	2	f	*	f	*	41	30	0·04
	Wisby	30·20	40	NNE	4	o	30·19	—·10	41	41	+ 10	SE	4	r	*	o	*	41	25	0·04
	Karlstad ...	30·13	40	E	2	c	30·17	—·01	37	35	— 1	ENE	2	b	*	c	*	*	*	—
	Bodö	30·06	38	2	o	bc	30·11	+·15	36	34	+ 3	SW	4	c	2	bc	*	45	32	0·12
	Christiansund ...	30·08	40	SW	1	r	30·21	+·25	39	36	— 2	WSW	1	c	3	r	*	46	37	0·04
	Skudesnaes ...	30·07	39	NNW	6	c	30·11	+·21	37	36	— 2	N	4	bc	2	c	*	39	37	*
	Færder (Christiania Fjord)	30·08	39	SE	2	o	30·12	—·01	40	39	+ 1	ESE	2	c	2	o	*	41	34	—
	Skagen (The Scaw)	30·08	41	S	2	c	30·10	—·03	39	38	— 1	S	2	o	o	c	*	45	37	—
	Fanö	30·12	41	NW	4	o	30·06	+·05	39	38	— 2	NNW	5	c	*	o	*	55	39	0·28
British Isles.	Sumburgh Head	30·10	42	NW	2	b	30·03	+·11	43	39	+ 1	SE	3	b	3	b	*	46	34	—
	Stornoway ...	30·14	47	W	3	c	29·75	—·34	43	40	+ 5	S	7	ow	8	o,c	10·9	49	36	—
	Wick	30·18	41	NW	2	b	29·90	—·12	43	42	+ 1	S	6	omw	5	b	*	49	36	—
	Nairn	30·17	51	2	o	b	29·90	—·18	44	40	+ 2	SSW	2	c	1	b	*	51	31	—
	Aberdeen ...	30·21	44	N	2	b	30·01	—·08	44	41	+ 1	S	4	bcq	2	bcq,b	11·4	51	36	—
	Leith	30·21	45	W	1	b	30·00	—·14	45	40	+ 1	SE	2	c	*	b	*	58	33	—
	Shields	30·24	45	S	2	bc	30·11	+·01	41	38	— 1	S	3	c	2	b,bc	*	48	35	—
	Spurn Head ...	30·24	43	N	3	b	30·16	+·09	42	40	— 1	SSE	2	b	2	b	*	46	36	—
	York	30·29	47	ENE	1	b	30·14	+·03	40	35	— 2	S	1	b	*	b	7·7	52	33	—
	Loughborough ...	30·24	50	ENE	1	c	30·17	+·04	37	36	— 6	SE	2	c	*	c,b,bcm	*	51	29	—
	Ardrossan ...	30·20	47	2	o	b	29·92	—·25	45	44	o	SSE	4	cm	3	b	*	52	36	—
	Malin Head ...	30·19	46	E	3	bc	29·67	—·53	41	41	— 3	S	7	or	2	b,bc	*	49	40	—
	Belmullet ...	30·18	48	SSW	2	c	29·62	—·68	46	46	+ 1	WSW	2	or	*	b,c	*	51	41	0·37
	Donaghadee ...	30·26	46	SSE	3	bc	29·92	—·30	43	41	o	SSW	7	c	5	bc	*	51	40	—
	Liverpool (Bidston)	30·27	46	WNW	3	b	30·09	—·09	41	37	— 3	SE	3	c	2	b	*	48	35	—
	Holyhead ...	30·28	44	NW	1	b	30·01	—·21	45	42	o	S	6	ogm	4	b	*	48	37	—
	Parsonstown ...	30·22	49	2	o	c	29·80	—·50	44	43	+ 2	SE	3	orq	*	c	9·7	53	37	0·02
	Valencia ...	30·22	48	SSE	4	c	29·75	—·58	47	45	+ 1	S	5	og	5	bcr,c	8·1	52	45	0·45
	Roche's Point ..	30·29	48	SSW	3	b	29·87	—·46	47	47	+ 3	SSW	8	r	5	b	*	51	43	0·06
	Pembroke (St. Ann's Hd.)	30·29	46	NNW	3	b	30·03	—·23	45	44	+ 1	SSW	5	og	4	b	10·8	48	40	—
	Scilly	30·37	47	NNW	2	c	30·05	—·22	47	45	o	SSE	5	o	3	bc,c	11·3	49	41	—
	Prawle Point ...	30·26	48	NNW	2	bc	30·14	—·08	46	44	— 1	SSW	4	c	3	bc	*	52	42	—
	Jersey (St. Aubin's)	30·26	50	NW	3	bcm	30·21	+·03	48	46	+ 1	SE	4	bcm	3	bc,bcm	*	52	37	—
	Hurst Castle ...	30·22	52	NNW	1	bc	30·18	+·07	46	43	o	SE	2	b	1	bcm	*	55	41	—
	Dungeness ...	30·19	47	N	3	c	30·20	+·22	40	39	— 6	NNW	2	c	2	c	*	50	29	—
	North Foreland	30·21	45	N	5	bc	30·22	+·24	44	41	— 4	NE	3	bc	3	c,bc	*	48	39	0·04
	London (Brixton) ...	30·24	48	NNE	2	b	30·21	+·13	42	38	— 2	SE	2	b	*	c,b	4·0	53	29	—
	Oxford	30·28	44	ENE	3	b	30·19	+·06	40	37	— 3	SSE	3	cm	*	b	*	54	30	—
	Cambridge ...	30·25	46	NNE	3	bf	30·22	+·12	34	32	— 10	NNE	1	bm	*	bf	6·1	52	26	—
	Yarmouth ...	30·20	43	NNW	4	bc	30·19	+·20	41	39	+ 2	NNE	1	bc	4	bc,c	*	47	33	—
Germany & Holland.	Cuxhaven ...	29·97	48	W	1	o	30·03	—·01	42	42	o	NW	4	o	*	o,r	*	51	41	0·12
	Berlin	30·04	50	2	o	b	30·02	—·14	40	38	— 4	NW	2	c	*	b	*	57	36	—
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich	30·07	44	E	4	o	30·03	—·14	41	39	— 1	SW	2	c	*	o	*	52	36	0·04
	The Helder ...	30·12	42	N	4	c	30·17	+·22	41	38	— 5	N	3	bc	3	c	*	48	39	0·08
Belgium.	Brussels ...	*	*	*	*	*	30·19	+·18	40	36	— 6	NNE	5	o	*	o	*	55	39	0·04
	Cape Gris Nez ...	30·15	44	NE	5	c	30·16	+·23	43	39	— 4	ENE	2	bc	1	c	*	48	37	0·04
	Paris	30·14	45	NNW	5	o	30·21	+·13	41	37	— 8	N	3	c	*	o	*	60	37	0·04
	Brest	30·30	47	SW	2	bc	30·25	—·01	46	43	— 1	S	2	c	2	bc	*	54	39	—
	Lorient	30·26	52	N	4	b	30·21	·00	44	43	— 5	E	2	b	2	b	*	57	39	—
France &	Rochefort ...	30·16	54	NW	4	c	30·17	—·06	42	41	— 11	ENE	4	b	*	c	*	55	41	—
	Belfort	30·01	44	WNW	2	r	30·01	—·14	44	42	+ 5	W	1	o	*	r	*	56	41	—
	Lyons ...	30·08	48	E	1	o	30·09	—·10	44	42	— 1	NNW	2	o	*	o	*	57	43	0·16
	Nice	29·91	52	2	o	bc	29·89	—·15	49	42	— 3	2	o	b	2	bc	*	63	43	—
	Perpignan ...	30·07	60	NW	5	c	30·08	—·13	51	43	— 6	NW	4	b	*	c	*	64	48	—
	Biarritz ...	30·24	54	WNW	4	c	30·17	—·11	48	45	— 5	S	3	o	2	c	*	59	46	0·08
Peninsula.	Corunna ...	30·32	56	N	6	b	30·19	—·20	50	47	— 4	NE	1	b	3	b	*	57	41	—
	Lisbon	30·12	62	NNW	4	b	30·10	—·10	61	56	— 1	NNW	4	b	*	b	*	73	?	—
	Azores (P. Delgada)																*			

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

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

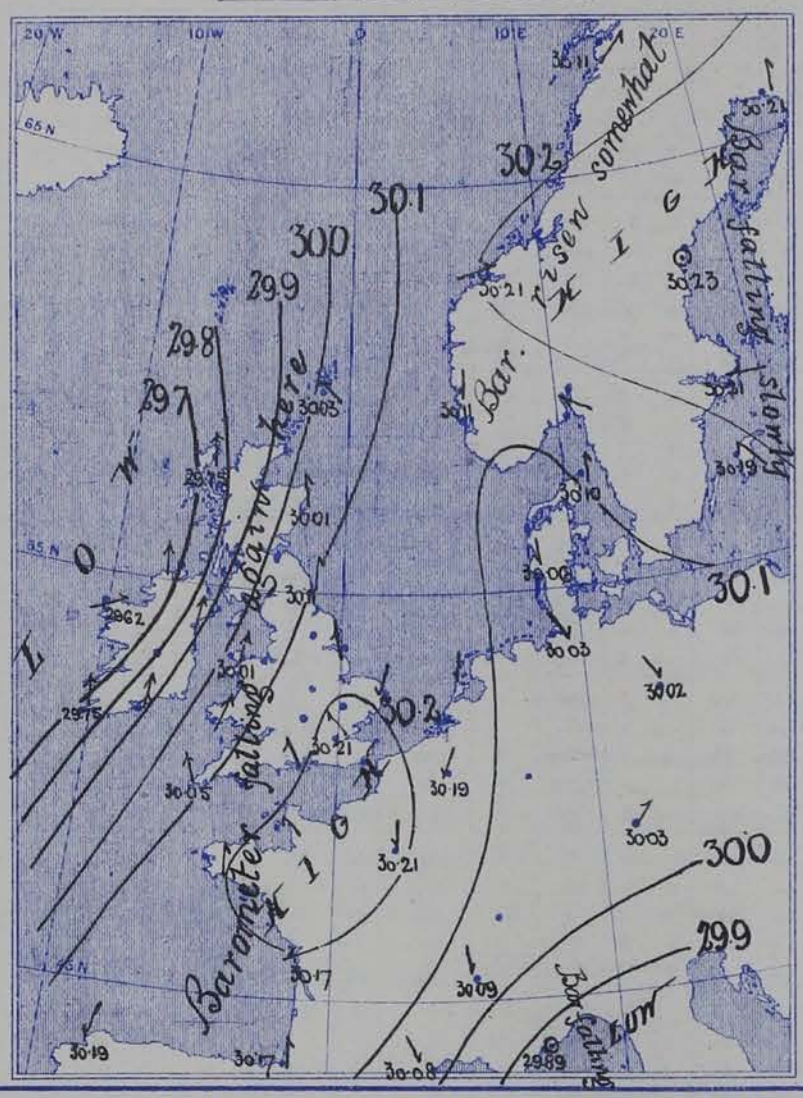
Bright Sunshine yesterday Southport 12·7 hrs;

WEATHER CHARTS

FOR SUNDAY, 11TH APRIL, 1897.

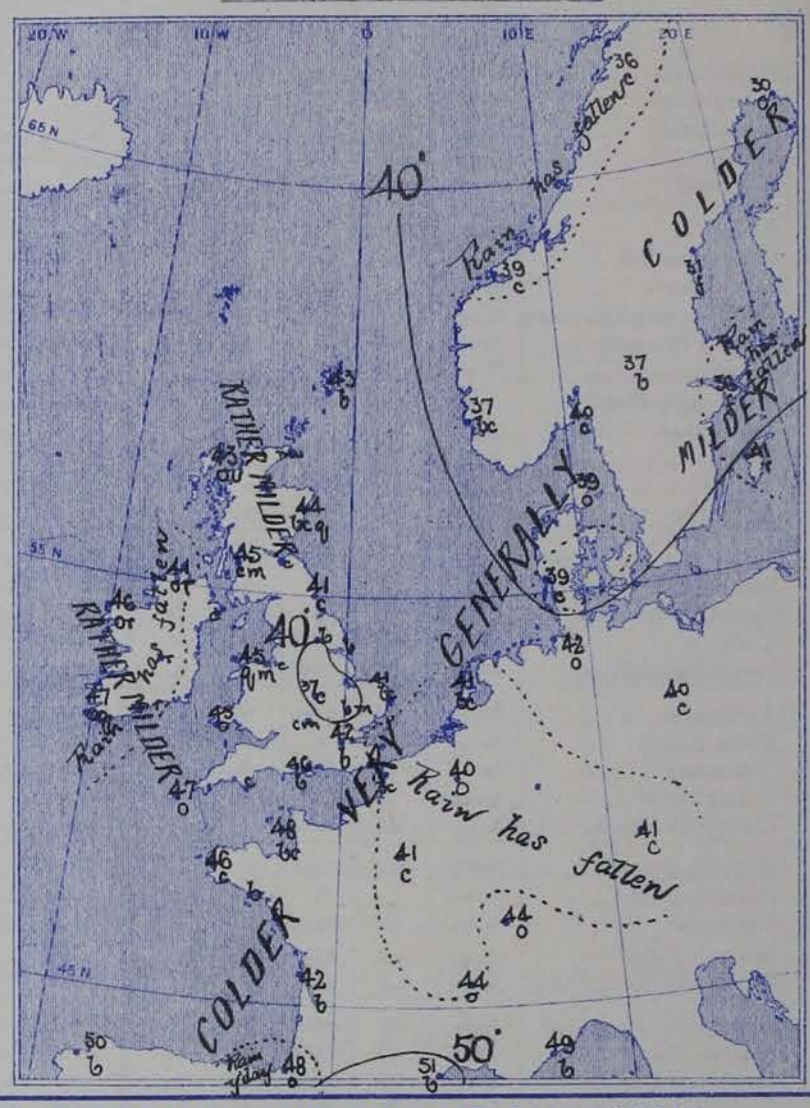
BAROMETER, WIND AND SEA.

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



TEMPERATURE & WEATHER.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins: and upwards, in an anticyclone lying over Scandinavia.
Lowest, 29·7 ins: and less, in a depression lying off our extreme soletern coast
Gradients moderate to rather steep over the west and north of our Islands, but slight elsewhere.
Barometer falling in our Islands – briskly in the extreme west; rising at most of the Continental stations.

TEMPERATURE

Highest, (1) 61° at Lisbon, 51° at Perpignan, and 50° at Corunna; (2) 48° at Jersey, and 47° at Kilencia (Ireland) Rochelle, and Scilly.
Lowest, (1) 30° at Haparanda, 31° at Hernösand, and 36° at Boda and Stockholm; (2) 34° at Cambridge and 37° at Loughborough.
Sharp frost occurred last night over the inland parts of England, the lowest readings reported being (1) in the screen 26° at Cambridge and 29° in London and at Loughborough; (2) on the grass 23° at Loughbrough, and 24° in London and at Oxford.

WIND

S' in all but the extreme southeastern parts of our Islands, and strong in force in Ireland and the west of Scotland, with a gale at Rockall Point
N' or NW' on the eastern shores of the North Sea, North Germany, the Netherlands, Central France and the extreme southeast of England.
E' in the west of France and also in the south of Sweden; S' or SW' over the northern parts of Scandinavia.

WEATHER

Fair or fine in the eastern and central parts of the United Kingdom, as well as at many of the Continental stations.
Cloudy or dull elsewhere, with rain in Ireland and also at Wisby; fog reported at Hernösand and Stockholm.
A little rain fell yesterday over the Netherlands and Central France, as well as at the Scandinavian and Danish stations.

SEA

Very high at Stornoway and rather rough off the north of Scotland generally, as well as on the Irish coast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 12TH APRIL 1897.

DISTRICTS.		FORECASTS.
▼ 0	SCOTLAND NORTH	NONE ISSUED.
▼ 1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
▼ 6	SCOTLAND WEST	
▼ 7	ENGLAND N.W.	
8	ENGLAND S.W.	
▼ 9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	At 9·40 am today to districts 0.1.6.7.9 Hoist South Cone

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·93	39	39	WSW	4	o	3
Sumburgh Head	30·04	44	40	WNW	2	b	4
Stornoway	30·16	48	42	WNW	3	c	3
Aberdeen	30·18	50	42	WNW	5	beq	3
Shields	30·21	46	42	NE	3	b	2
Ardrossan	30·22	51	47	WNW	3	b	2
Malin Head ...	30·24	49	47	NW	3	b	1
Belmullet	30·28	51	47	SW	2	b	*
Holyhead	30·30	47	44	NW	4	b	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·31	52	45	S	3	bav	4
Scilly	30·32	48	44	NNW	3	bc	3
Jersey	30·26	51	46	NNW	4	bc	3
Hurst Castle ...	30·21	54	48	NNW	4	bav	2
Dungeness ...	30·13	48	45	NNE	5	c	3
North Foreland	30·16	46	44	N	5	c	4
London (Westminster)	30·19	50	45	N	3	c	*
Yarmouth ...	30·14	46	42	N	5	bc	4
Rochefort ...	30·19	54	49	NW	4	c	*

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

Weather in morning fine over the United Kingdom generally, but dull in the southeast of England, with rain on the Kentish coasts. Fine over Spain, the extreme south of France, and the northern and central parts of Italy, but cloudy in most other parts of the Continent, with fog in Sweden, and rain in many parts of Austria, southern Italy, and Eastern Germany, as well as at Skudesnaes, Brussels, and Limoges. Weather improving later in the southeast of England, but rain setting in at night in the west and south of Ireland.

Temperature fallen a little in our Islands, but risen in most of the Continental countries. Morning readings highest 63° at Biarritz, 62° at Lisbon, 61° at Barcelona and 60° at Algiers; above 50° in most parts of southern Europe. Lowest 28° at Uleaborg, 30° at Moscow, 31° at Archangel and Wisby, and 32° at Stockholm; below 40° over northern Europe generally and also in the Hebrides. Rising downy day temperature between 50° and 55° in many parts of our Islands and reaching 58° at Leith; exceeding 60° in the south of France, and touching 73° at Lisbon. Sharp frost occurring over the inland parts of England at night; sheltered thermometer at Cambridge falling to 26°.

Wind light to fresh from the N.E. or N.W. over the greater part of our Islands and France; S. in the Netherlands; S.E. over Northern Europe generally. Light from the E. over the central and southern parts of Russia; N. in Poland; variable in Austria; chiefly from the N. in Italy. Subsequently backing to the S. or S.W. in the west of Ireland; no important change occurring in other parts of Western Europe.

Barometer highest 30·5 in. and upwards in an anticyclone lying over northern and central Russia; 30·3 in. upwards in another system extending from the Atlantic over the south of Ireland and the northwest of Spain. Lowest 29·9 in. and less, in a large shallow area lying over southeastern Europe generally, and also in a depression lying between the Shetlands and Norwegian coasts. Latter system filling up later, but new disturbance approaching 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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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DAILY WEATHER REPORT

for 8 a.m. on Monday, 12th April, 1897.

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 ...	30·21	33	SW	0	S	30·45	+·24	30	29	0	N	2	b	5	S	#	36	27	0·12
	Hernösand ...	30·10	31	S	2	f	30·45	+·22	33	32	+2	SW	0	f	#	f	#	36	28	-
	Stockholm ...	30·25	37	S	2	f	30·36	+·15	37	36	+1	E	2	0	#	0	#	41	32	-
	Wisby	30·25	37	SW	0	0	30·28	+·09	41	39	0	ESE	6	c	#	0	#	45	34	-
	Karlstad ...	30·20	39	ESE	2	0	30·27	+·10	39	33	+2	E	2	0	#	T.0	#	#	#	-
	Bodö	30·30	33	SW	0	b	30·32	+·21	35	32	-1	ENE	1	b	2	b	#	37	28	-
	Christiansund ...	30·05	40	E	2	b	30·06	-·15	45	40	+6	ESE	4	b	3	b	#	45	37	-
	Skudesnaes ...	30·05	39	NNW	4	c	30·06	-·05	38	37	+1	S	6	c	4	bc.c	#	46	34	#
	Færder (Christiania Fjord)	30·15	40	E	2	0	30·19	+·07	39	39	-1	E	2	1	2	0	#	45	39	0·08
	Skagen (The Scaw)	30·14	41	E	1	0	30·15	+·05	41	41	+2	SE	3	m	0	0	#	45	37	-
	Fanö	30·06	39	SW	0	0	30·02	-·04	42	41	+3	NNE	2	0	#	0	#	45	39	-
British Isles	Sumburgh Head	29·74	43	SE	5	0	29·71	-·32	42	41	-1	SE	6	0	6	0	#	45	38	0·02
	Stornoway ...	29·49	43	S	8	1	29·54	-·21	42	40	-1	SW	3	0	5	qp.r	0·0	45	39	0·06
	Wick	29·65	43	S	7	0	29·61	-·29	44	41	+1	S	3	bc	2	0	#	48	?43	0·03
	Nairn	29·58	45	S	4	c	29·59	-·31	45	43	+1	SW	0	b	0	c	#	52	39	-
	Aberdeen ...	29·77	43	SSE	6	0 q q r	29·69	-·32	42	41	-2	SSE	4	0 q q p	6	c.q q r	4·6	46	41	0·14
	Leith	29·75	47	S	3	0	29·64	-·36	45	43	0	SW	0	c	#	0	#	51	39	-
	Shields	29·80	49	S	4	0	29·71	-·40	43	42	+2	S	3	0	2	0	#	51	38	-
	Spurn Head ...	29·89	46	SSE	4	c	29·76	+·40	45	44	+3	SSE	4	c	4	bc,c,r	#	48	40	0·06
	York	29·88	50	S	3	0	29·74	-·40	42	41	+2	S	2	0	#	bc.0	7·7	53	38	0·22
	Loughborough ...	29·92	48	S	3	0	29·74	-·43	44	42	+7	S	3	0 am	#	c,or.d	#	54	37	0·38
	Ardrossan ...	29·63	44	SSE	5	rm	29·59	-·33	50	49	+5	SE	1	bc	1	rm	#	50	42	0·12
	Malin Head ...	29·54	48	SSW	3	cp	29·54	-·13	46	45	+5	SSE	3	bcm	3	c,cp	#	48	39	0·02
	Belmullet ...	29·57	48	NSW	3	c	29·52	-·10	44	43	-2	S	1	0	#	c	#	55	39	0·03
	Donaghadee ...	29·63	46	SSW	7	c	29·60	-·32	45	45	+2	SE	5	c	3	c	#	46	35	0·13
	Liverpool (Bidston)	29·80	46	S	3	0	29·65	-·44	46	44	+5	SE	2	0	2	0 mp	#	52	41	0·02
	Holyhead ...	29·72	44	S	8	q q r	29·61	-·40	46	45	+1	E	2	0 m	2	q q r	#	47	42	0·22
	Parsonstown ...	29·63	50	W	2	b	29·52	-·28	46	44	+2	SE	2	0	#	0r.b	3·5	54	38	0·23
	Valencia ...	29·67	50	SW	4	0	29·36	-·39	47	44	0	SE	4	0p	5	bc, 0	6·2	54	44	0·19
	Roche's Point ..	29·71	50	SW	5	c	29·47	-·40	48	47	+1	SE	5	0	4	r, c, p	#	53	42	0·60
	Pembroke (St. Ann's Hd.)	29·76	46	WSW	6	r	29·59	-·44	48	47	+3	SSE	4	0	4	r	0·6	48	39	0·22
	Scilly	29·81	49	SSW	5	r	29·53	-·52	50	49	+3	SSE	5	0	5	r	0·1	51	45	0·37
	Prawle Point ...	29·93	46	SSW	4	r	29·64	-·50	47	46	+1	S	3	0 m	3	r	#	48	44	0·26
	Jersey (St. Aubin's)	30·02	50	SE	4	0q	29·75	-·46	47	46	-1	SSE	5	0 r m	4	bc,0q	#	51	46	0·18
	Hurst Castle ...	29·97	45	SE	4	0 u q	29·74	-·44	45	45	-1	SSE	4	r m	2	b, 0r	#	49	45	0·23
	Dungeness ...	30·05	46	SSW	2	b	29·84	-·36	46	44	+6	SSE	4	c	3	bc.b	#	50	40	-
Germany & Holland.	North Foreland	30·07	43	S	3	bc	29·87	-·35	46	43	+2	S	4	c	4	b, bc	· #	48	41	-
	London (Brixton) ...	30·00	46	SSW	2	c	29·81	-·40	49	44	+7	SE	3	0	#	bc, 0	9·2	54	42	-
	Oxford	29·94	44	SSE	3	0	29·75	-·44	44	43	+4	SSE	3	0	#	bc.d. r	#	52	40	0·19
	Cambridge ...	29·98	48	S	2	0	29·77	-·45	47	44	+13	SSE	2	0	#	bc, 0	8·1	54	?34	-
	Yarmouth ...	30·04	44	SSE	4	b	29·86	-·33	45	42	+4	SSE	5	bc	4	b	#	45	40	-
	Cuxhaven ...	30·04	41	NNW	4	b	30·02	-·01	41	41	-1	E	1	0	#	0,r	#	43	39	0·04
	Berlin	30·02	50	SE	1	0	30·02	·00	47	46	+7	ESE	2	0	#	0	#	55	40	0·04
	Wiesbaden ...	*	*	*	*	*	30·03		43	42		NE	1	0	#	#	#	43	41	-
	Munich	30·03	43	W	4	c	30·01	-·02	41	41	0	SW	0	0	#	c	#	54	39	0·04
	The Helder ...	30·09	43	ENE	1	b	29·97	-·20	42	41	+1	SE	1	c	1	b	#	45	37	-
Belgium.	Brussels ...	*	*	*	*	*	29·98	-·21	44	40	+4	SE	2	0	#	c	#	50	35	-
	Cape Gris Nez ...	30·01	41	E	1	b	29·86	-·30	44	39	+1	S	4	c	3	b	#	50	37	-
	Paris	30·10	47	SW	0	b	29·95	-·26	41	37	0	SE	2	b	#	b	#	51	36	-
	Brest	29·96	50	SW	3	c	29·68	-·57	50	50	+4	S	3	f	3	c	#	52	45	0·12
	Lorient	30·02	48	S	4	c	29·74	-·47	48	48	+4	S	5	r	2	c	#	57	43	0·12
France &	Rochefort ...	30·06	52	NW	2	0	29·87	-·30	47	46	+5	S	2	0	#	b	#	63	42	-
	Belfort	30·03	42	W	3	0	29·99	-·02	39	38	-5	E	2	m	#	0	#	52	39	-
	Lyons	30·10	43	NNW	1	0	29·99	-·10	38	36	-6	ESE	1	0	#	0	#	46	33	-
	Nice	29·89	54	W	0	c	29·89	·00	52	46	+3	E	2	b	1	c	#	64	45	-
	Perpignan ...	29·93	55	NW	3	b	29·97	-·11	45	42	-6	W	0	c	#	b	#	?	?	-
	Biarritz ...	30·04	54	NNE	4	b	29·88	-·29	49	46	+1	E	3	0	2	b	#	61	46	-
Peninsula.	Corunna ...	30·13	55	NW	3	bc	29·85	-·34	55	53	+5	SSW	3	r	3	bc	#	57	50	-
	Lisbon	30·05	55	NNW	4	b	30·00	-·10	54	50	-7	NNW	4	0	#	b	#	73	50	-
	Azores (P. Delgada)	30·39	60	NNE	1	c	30·29	+·19	62	58	+1	NNW	3	bc	3	c	#	86	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 now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 1·7 hrs;

WEATHER CHARTS

FOR Monday, 12th April, 1897.

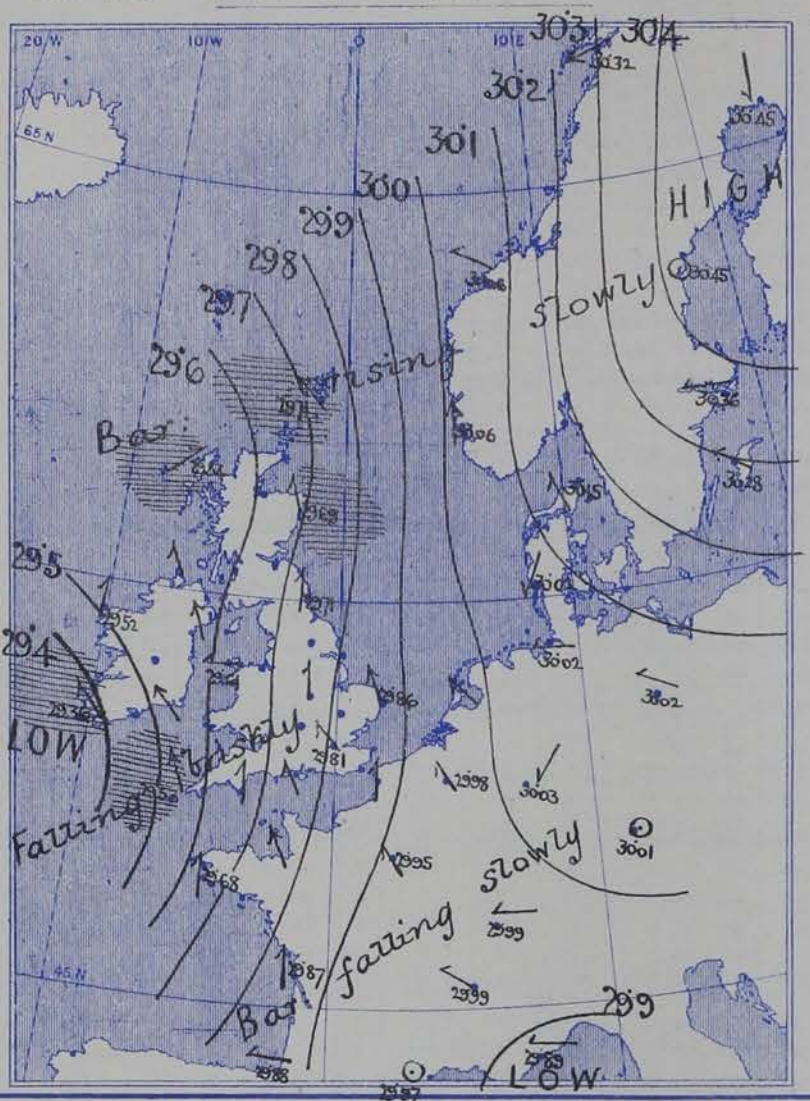
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough ; High

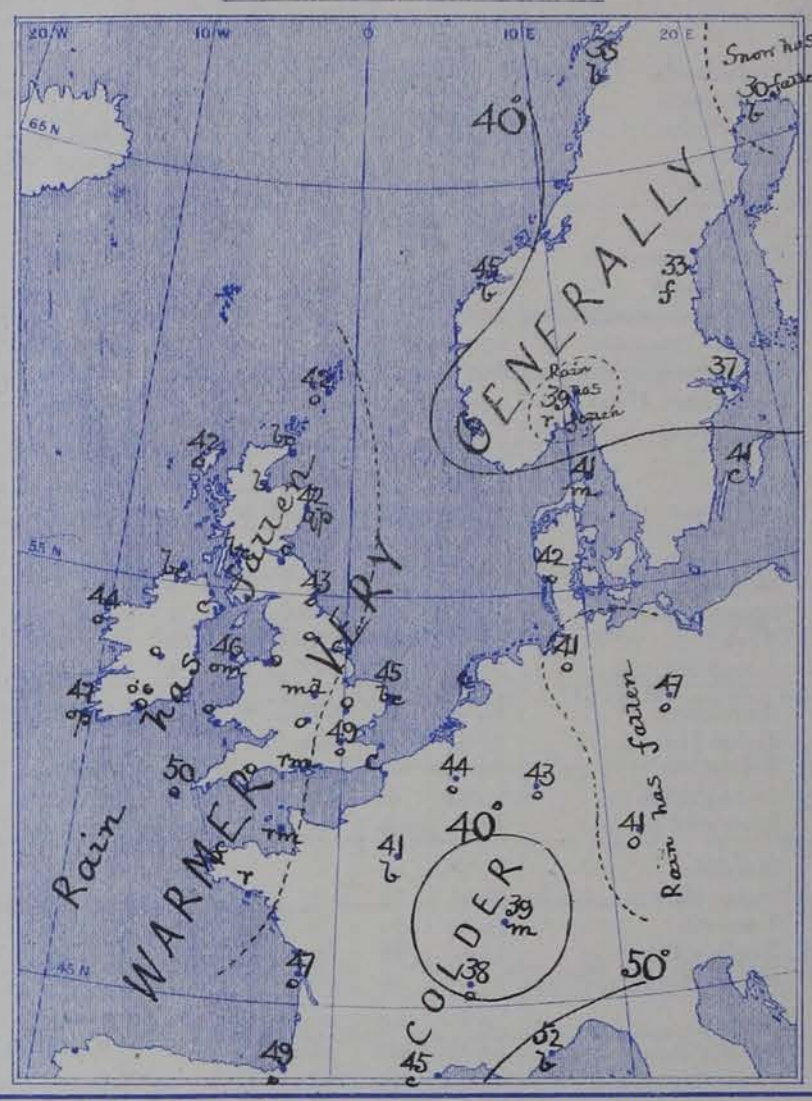


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 · 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 · 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 in: and upwards, over the Gulf of Bothnia.
Lowest, 29·4 in: and less, in a depression lying to the southwestward of Iceland.
Gradients moderate. Barometer rising in Scandinavia and the north of Scotland, falling elsewhere,—briskly on our own southwest coasts.

TEMPERATURE

Highest, (1) 54° at Lisbon and 52° at Nice; (2) 50° at Aberdeen, Scilly and Brest, and 49° in London.
Lowest, (1) 30° at Haparanda, 33° at Hernösand, 35° at Bodö, and 37° at Stockholm; (2) 38° at Lyon and 39° at Belfast.
During yesterday the thermometer rose to 50° and upwards in many parts of the United Kingdom, and to 55° at Belmullet.

WIND

S. or SE. over Western Europe generally; light to moderate in force in most places, but fresh on our own southwest coasts.
E. in Denmark, North Germany, and the south of Sweden.
A fresh to strong gale from the S. was experienced yesterday over Scotland and the Irish Sea.

WEATHER

Fine at many of our own northern stations, and also in the west of Norway.
Cloudy or dull in all other parts of our area, with rain at some of the Channel stations, as well as at Lorient.
Fine yesterday morning rain has fallen in all but the eastern and southeastern parts of the United Kingdom, the largest amount being 0·6 in: at Rockle Point. Solar and lunar halos were seen yesterday in the south of England.

SEA

Rough off the north and northeast of Scotland, and rather rough on our extreme southwest coasts, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression noticed off our western coasts yesterday has travelled away to the northward. A new disturbance is, however, approaching the south of Iceland, and increasing S. and SE. winds are probable on most of our coasts, with equally unsettled weather.

FORECASTS

For the 24 hours ending at NOON on 13th APRIL 1897.

DISTRICTS.	FORECASTS.
▼ 0 SCOTLAND NORTH	S. and SE. winds, increasing in force; fair at first, some rain later.
▼ 1 SCOTLAND EAST	
2 ENGLAND N.E.	Same as No 5.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	S. and SE. winds, increasing in force; dull, squally, rain at times.
▼ 6 SCOTLAND WEST	SE. winds, increasing to a gale; squally, rain at times.
▼ 7 ENGLAND N.W.	
▼ 8 ENGLAND S.W.	
▼ 9 IRELAND NORTH	
▼ 10 IRELAND SOUTH	
WARNINGS	At 10 am today to districts 8. and 10 Hoist South Cone. The signals are still flying in districts 0. 1. 6. 7. and 9.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·07	45	42	NNW	6	6c	2
Sumburgh Head							
Stornoway	29·54	45	42	S	8	8p	8
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29·55	47	47	S	6	c	3
Belmullet	29·59	51	48	WSW	6	c	*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	30·13	50	47	SSE	4	6c	3
Hurst Castle ...							
Dungeness ...	30·12	49	44	WSW	3	6c	2
North Foreland	30·13	48	44	SE	3	6	2
London (Westminster)							*
Yarmouth ...							
Rochefort ...	30·12	60	54	NW	2	6	*

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

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 4TH TO THE 10TH APRIL 1897.

Throughout this period the weather over Western Europe remained in an exceedingly changeable state, with frequent falls of rain in most districts and with thunderstorms over the south of England on the 7th.

The unsettled conditions were due to the continued advance of low pressure systems from the Atlantic, the most important of these being: —

1. A large depression which appeared off our western coasts on the 5th and which afterwards split into two portions, — one moving northwards and northwestwards to the westward of Scotland, the other southeastwards across our southern districts to France. The advance of this disturbance was attended by gales from the S. or SE. and heavy rain on our southwestern coasts, and by a considerable increase of cloud in the west and north generally.

2. A complet area of low pressure with two distinct minima, which appeared over Ireland and England early on the 7th and which subsequently travelled away to the Eastwards and gradually dispersed. During its progress rain again fell generally, while thunderstorms occurred in the south and southeast of England.

3. A shallow V shaped disturbance which passed Eastwards across our Islands on the 9th, and which occasioned a very general, though not heavy, fall of rain. At the close of the week this was moving away to the Eastward, and an anticyclone was spreading over our western coasts.

Temperature was rather low for the time of year, with occasional night frosts in most of the northern and inland districts. On the night of the 4th the thermometer on the grass fell as low as 17° at Loughborough and 20° at Oxford.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 13th April, 1897.

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 ...	30·67	24	L	0	b	30·73	+·28	30	27	0	ESE	2	b	#	b	#	39	23	—
	Hernösand ...	30·60	33	NE	4	f	30·60	+·15	34	33	+1	ENE	2	s	#	f	#	34	28	0·04
	Stockholm ...	30·36	34	WNW	6	s	30·38	+·02	37	36	0	ENE	4	o	#	s	#	41	32	0·16
	Wisby	30·26	38	ESE	4	r	30·28	·00	44	43	+3	SE	4	o	#	r	#	45	34	0·20
	Karlstad ...	30·37	39	E	4	o	30·27	·00	35	?	−4	NE	2	o	#	o.r	#	#	#	0·12
	Bodö	30·38	41	E	6	b	30·43	+·11	43	37	+8	E	6	b	1	b	#	43	32	—
	Christiansund ...	30·17	48	SE	3	b	30·19	+·13	46	39	+1	SE	5	b	3	b	#	54	45	—
	Skudesnaes ...	30·11	43	S	6	o	30·13	+·07	44	39	+6	ESE	4	m	4	o	#	44	36	#
	Færder (Christiania Fjord)	30·31	41	ENE	2	o	30·26	+·07	37	36	−2	NNE	5	r	2	o	#	41	36	0·12
	Skagen (The Scaw)	30·23	41	E	3	b	30·16	+·01	39	38	−2	E	5	o	1	b	#	45	37	0·04
	Fanö	30·05	44	E	4	o	30·02	·00	41	40	−1	NE	4	o	#	o	#	50	41	—
	Sumburgh Head	29·81	42	SE	4	r	29·85	+·14	42	41	0	SE	5	o	7	r	#	43	37	0·13
	Stornoway ...	29·66	48	W	3	o	29·56	+·02	44	44	+2	S	3	r	4	o	6·4	50	40	0·15
	Wick	29·71	43	S	3	c	29·70	+·09	43	43	−1	S	7	ow	5	c	#	50	41	0·12
	Nairn	29·69	48	L	0	c	29·66	+·07	47	44	+2	SE	2	c	1	c	#	59	42	—
	Aberdeen ...	29·79	42	SSE	4	ogrq	29·78	+·09	43	42	+1	SSE	5	ogq	5	ogq.rqt	0·7	45	41	0·12
	Leith	29·71	47	SE	1	o	29·72	+·08	45	42	0	E	3	o	#	·o	#	56	42	0·01
	Shields	29·75	44	ESE	4	o	29·77	+·06	44	43	+1	ESE	4	o	3	d.o	#	46	41	—
	Spurn Head ...	29·74	45	ESE	5	o	29·75	−·01	45	45	0	ESE	4	c	4	o	#	46	43	—
	York	29·74	49	SE	1	r	29·76	+·02	46	44	+4	ESE	1	o	#	r	0·0	50	41	0·02
	Loughborough ...	29·72	49	SE	3	o	29·74	·00	47	45	+3	SE	1	o	#	dm.odp	#	50	42	0·05
	Ardrossan ...	29·53	48	SE	1	dm	29·64	+·05	45	45	−5	E	3	pm	2	bc.dm	#	52	43	0·05
	Malin Head ...	29·60	46	NE	4	ogm	29·46	−·08	46	46	0	SSE	6	ow	4	c.o	#	50	43	0·03
	Belmullet ...	29·59	47	ENE	3	om	? 29·54	+·02	48	48	+4	E	3	om	#	o.om	#	50	40	0·09
	Donaghadee ...	29·64	47	E	4	f	29·63	+·03	45	45	0	SSE	5	r	3	f	#	51	43	0·05
British Islands.	Liverpool (Bidston)	29·64	47	SE	4	o	29·68	+·03	47	43	+1	ESE	3	o	3	op	#	50	43	0·09
	Holyhead ...	29·58	50	ESE	2	r	29·63	+·02	49	47	+3	SE	1	ogm	1	c.dmg	#	55	43	0·15
	Parsonstown ...	29·50	46	E	1	r	29·52	·00	49	48	+3	E	1	og	#	or	0·0	51	45	0·28
	Valencia ...	29·33	50	ENE	4	r	29·54	+·18	48	47	+1	E	2	og	3	rg	0·0	51	46	0·53
	Roche's Point ..	29·37	49	SE	6	r	29·55	+·08	50	49	+2	SSE	3	c	4	r.p	#	50	45	0·85
	Pembroke (St. Ann's Hd.)	29·51	47	SE	5	r	29·58	−·01	47	47	−1	SSE	5	dg	4	r	0·0	49	47	0·22
	Scilly	29·36	51	SE	6	o	29·53	·00	51	50	+1	SE	4	c	5	r.o	0·0	52	48	0·16
	Prawle Point ...	29·56	47	SE	6	r	29·63	−·01	47	47	0	SE	3	o	3	or, rm	#	47	46	0·12
	Jersey (St. Aubin's)	29·62	51	SE	4	ogr	29·67	−·08	51	50	+4	SE	3	c	3	org	#	51	?47	0·13
	Hurst Castle ...	29·66	50	ESE	3	om	29·69	−·05	49	48	+4	SE	2	om	2	d.om	#	50	45	0·12
	Dungeness ...	29·74	49	SSE	2	c	29·73	−·11	49	48	+3	SE	2	o	2	c	#	53	46	—
	North Foreland	29·77	48	E	3	c	29·76	−·11	49	46	+3	ESE	3	o	3	c	#	51	45	—
	London (Brixton) ...	29·73	50	SE	2	o	29·74	−·07	49	46	0	SSE	2	o	#	o.od	0·0	52	45	0·01
	Oxford	29·72	47	ESE	3	r	29·72	−·03	49	46	+5	ESE	2	c	#	o.r	#	49	44	0·11
	Cambridge ...	29·77	49	SE	3	o	29·76	−·01	49	47	+2	ESE	1	om	#	o	0·0	53	43	—
	Yarmouth ...	29·81	46	ESE	4	c	29·77	−·09	45	44	0	ESE	4	c	4	bc.c	#	48	43	—
Germany & Holland.	Cuxhaven ...	29·97	46	N	1	o	29·93	−·09	41	41	0	ENE	3	o	#	o	#	48	39	—
	Berlin	29·94	46	NNW	4	o	29·89	−·13	47	46	0	NE	3	r	#	o	#	50	41	0·16
	Wiesbaden ...	#	#	#	#	#	29·87	−·16	48	45	+5	L	o	b	#	#	#	55	43	—
	Munich	29·89	43	NE	2	b	29·88	−·13	40	39	−1	E	1	b	#	b	#	52	32	—
	The Helder ...	29·89	47	E	3	c	29·89	−·08	43	41	+1	E	2	o	2	c	#	50	42	—
Belgium.	Brussels ...	#	#	#	#	#	29·80	−·18	48	43	+4	ESE	2	o	#	bc	#	55	42	—
	Cape Gris Nez ...	29·75	51	SE	2	o	29·73	−·13	48	45	+4	SE	1	m	1	o	#	57	41	—
	Paris	29·77	54	SE	2	c	29·75	−·20	48	45	+7	E	1	c	#	c	#	56	41	—
	Brest	29·49	50	SSE	4	r	29·38	−·10	50	48	0	S	3	c	3	r	#	50	46	0·12
	Lorient	29·57	50	S	5	r	29·63	−·11	49	48	+1	S	3	b	2	r	#	54	43	0·63
France &	Rochefort ...	29·69	52	S	3	r	29·71	−·16	52	?	+5	S	2	c	#	o.r	#	59	47	0·04
	Belfort	29·80	49	ENE	3	bc	29·80	−·19	46	43	+7	ENE	4	o	#	bc	#	54	39	—
	Lyons	29·77	55	S	1	o	29·77	−·22	52	47	+14	S	2	c	#	o	#	59	38	—
	Nice	29·87	51	L	o	c	29·91	+·02	49	46	−3	E	1	b	1	c	#	64	45	—
	Perpignan ...	29·79	55	NE	2	o	29·78	−·19	55	53	+10	W	2	bc	#	o	#	61	45	—
	Biarritz ...	29·66	56	NE	3	o	29·74	−·14	54	54	+5	W	5	o	4	o	#	63	49	—
Penin-sula.	Corunna ...																#			
	Lisbon	29·74	57	WNW	5	r	29·90	−·10	53	47	−1	NNW	5	bc	#	r	#	61	52	0·16
	Azores (P. Delgada)	30·31	61	N	4	o	30·32	+·03	61	56	−1	NNW	4	o	2	o	#	66	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 now recorded on the tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 0·0 hrs; .

WEATHER CHARTS

FOR ..... Tuesday 13th April, ... 1897.

BAROMETER, WIND AND SEA.

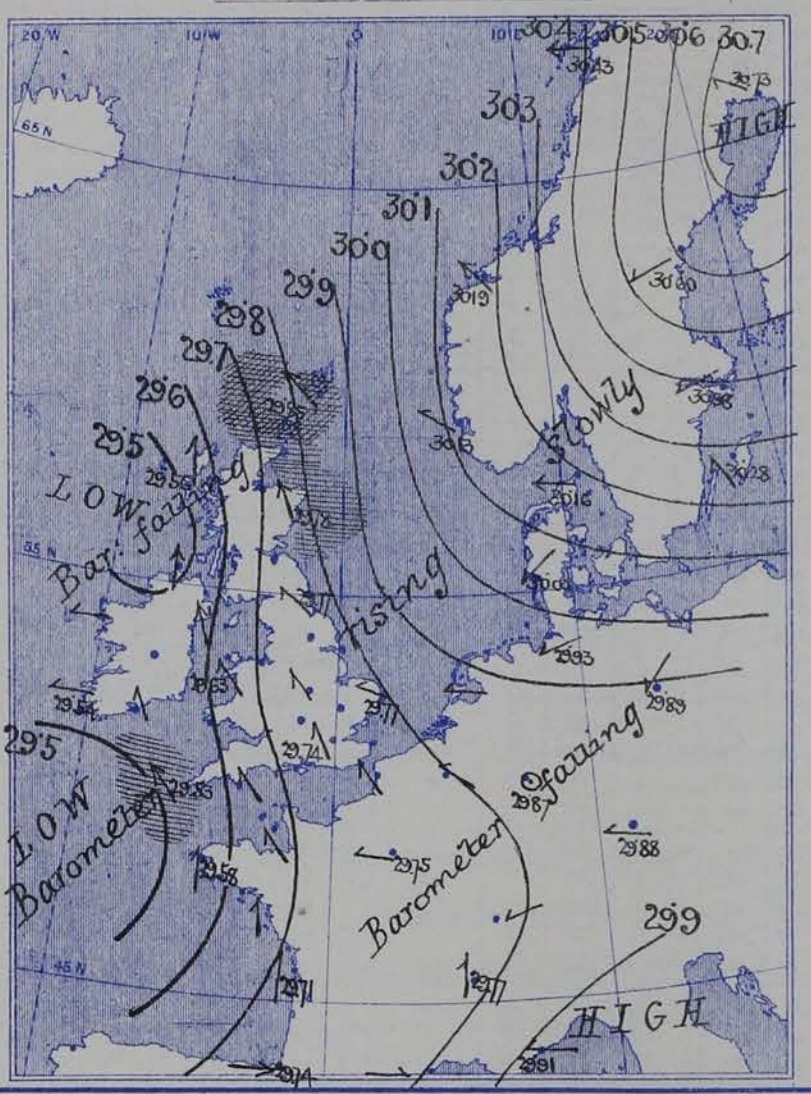
BAROMETER—*Isobars are drawn for each tenth of an inch.*

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

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

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

SEA—*Rough* ▤ ; *High* ▨

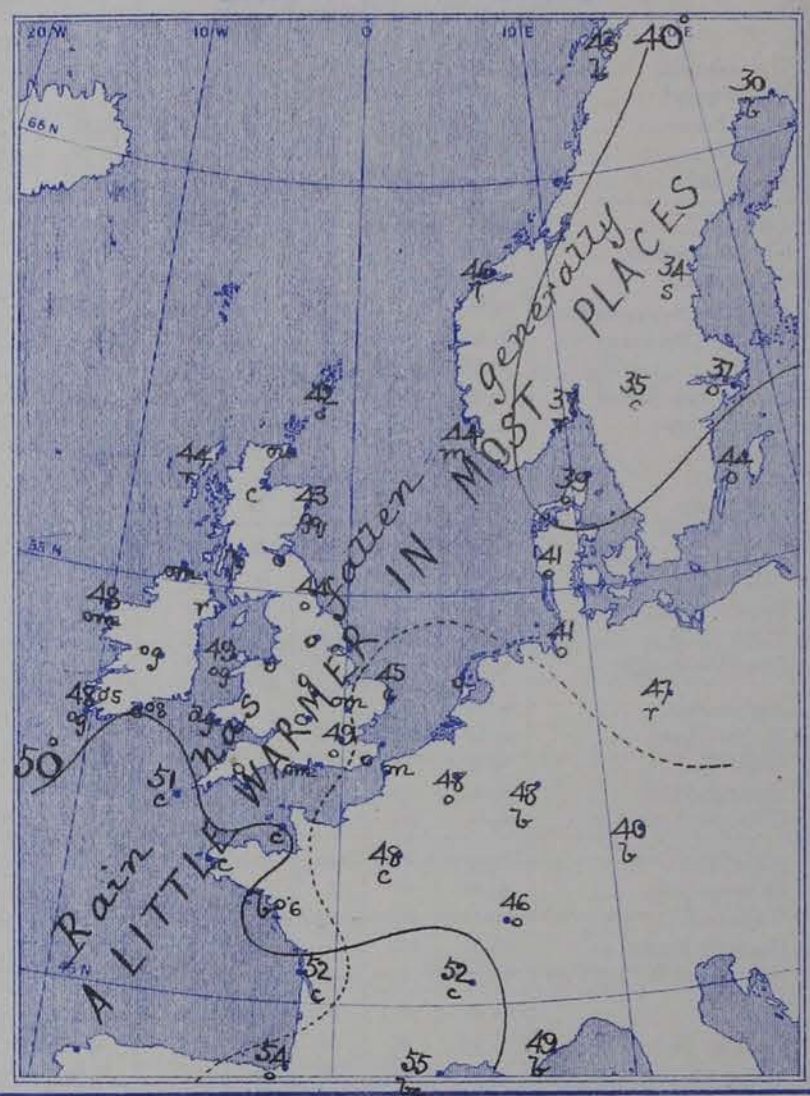


TEMPERATURE & WEATHER.

TEMPERATURE—*Isotherms are drawn for each 10°.*

WEATHER—*Shown by Letters of the Beaufort Scale.*

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 · 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 · 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.7 ins. and more over the northern parts of the Gulf of Bothnia, and exceeding 30.1 ins. over Scandinavia, Denmark and the Baltic; 29.9 ins. and more over the Riviera.
Lowest 29.5 ins. and less in two depressions – one off our NW^m. and the other off our SW^m. coasts.
Gradients moderate, and decreasing.
Barometer inclined to rise, except in the east of France and over Germany.

TEMPERATURE

Highest 54° at Biarritz, 51° at Jersey and Scilly, 49° in London, 48° at Valencia (Ireland).
Lowest 30° at Haparanda, 37° at Stockholm, 42° at Sumburgh Hd., 44° at Shields.
The maxima recorded yesterday ranged between 53° and 50° over the greater part of Ireland and England, but touched 56° at Leith, and 59° at Nairn, 56° at Paris, and 64° at Nice.

WIND

SE. ¼ E. to S. over the greater part of the British Islands, S. to SW. ¼ over the Bay of Biscay and W. of France. In force it was moderate generally, but blew strongly at some of our W^m. & N^m. stations.
It had been blowing strongly from SE over the western parts of the Channel on Monday evening.

WEATHER

Fine and bright in Norway and over western Germany, cloudy over our Islands and France, rainy at some of our western stations. A good deal of rain has fallen over Brittany and the extreme southwest of our Islands – very little elsewhere, none at several of our E^rn. stations.
Of Bright Sunshine yesterday there were 6¼ hrs. at Stornoway, 0.7 hr. at Aberdeen, none elsewhere.

SEA

High at Sumburgh Hd., moderate in the southwest, smooth elsewhere

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the southwest is filling up, and the anticyclone in the N^w. is inclined to spread over us.

FORECASTS

For the 24 hours ending at NOON on 14TH APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SE. ¼ and S. ¼ winds, strong, squally, rainy; then moderate, and finer.
1	SCOTLAND EAST	
2	ENGLAND N.E.	SE. ¼ winds, moderate; fair.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	SE. ¼ winds, light; fine.
6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	SE. ¼ winds, slight showers, warmer.
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	The signals all lowered this morning.

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 ...	30.08	41	39	S	6	o	4
Sumburgh Head	29.75	41	41	SE	5	r	6
Stornoway	29.61	47	40	S	3	o	4
Aberdeen	29.74	48	42	SSE	4	ogq	5
Shields	29.72	45	44	ESE	4	d	3
Ardrossan	29.61	51	49	SE	1	be	1
Malin Head ...	29.88	49	48	NE	3	c	2
Belmullet	29.52	50	48	ENE	3	o	*
Holyhead	29.58	52	49	N	1	c	1
Valencia	29.27	50	49	ENE	5	rg	5
Scilly	29.40	51	51	SSE	6	r	6
Jersey	29.66	50	49	SE	5	or	4
Hurst Castle ...	29.69	48	46	SE	4	rd	2
Dungeness ...	29.78	51	49	SSE	3	c	2
North Foreland	29.81	50	46	SE	3	c	3
London (Westminster)	29.74	51	45	SSE	2	o	*
Yarmouth ...	29.82	44	40	SSE	5	bc	4
Rochefort ...	29.77	56	52	S	2	o	*

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

Weather in morning dull over Russia, the Baltic, N^rn and W^rn Germany, fine over Lapland, Norway and Scotland; dull and unsettled over Ireland and England, with rain at Valencia and Loughborough; dull and very rainy over Hungary, fine over the Mediterranean. Much rain falling later over Brittany and the extreme southwest of our Islands, and small quantities over nearly the whole of the British Islands and in Sweden.

Temperature risen somewhat over the British Islands, but rather below the mean over the western countries generally. Morning readings highest 62° at San Fernando, 60° at Algiers, 59° at Trieste, 55° at Coruna, 50° at Brest, Scilly and Valencia (Ireland). Lowest 30° to 37° over the N. of Russia and Finland, 42° at Sumburgh H^d, Aberdeen and York, 44° at Oxford. Rising later to between 50° and 55° over the greater part of Ireland and England, to 56° at Leith, 59° at Nairn and at Paris, and to 64° at Nice.

Wind E. ¾ and moderate, over the Baltic and N. Germany, E. ¾ and SE. ¼ in Norway, and blowing very strongly at Bodö; SE. ¼ to S. ¾ over the British Islands, and blowing strongly on our SW. coasts; E. ¾ to SE. ¼ and light over France. A cyclonic circulation of light winds prevailing over SE^rn Europe. The SE. ¼ wind becoming very strong on our west and southwest coasts later and blowing a gale in places.

Barometer Highest (1) 30.5 ins. and more over the N^rn half of Russia, exceeding 30.1 ins. over the Baltic and Scandinavia, and exceeding 30.0 ins. in a 'ridge' extending southwards over W^rn Germany, (2) 30.3 ins. in the Azores, and exceeding 30.0 ins. over the SW. of Spain. Lowest. Below 29.4 ins. in a depression off our southwestern coasts, and below 29.7 ins. over the E^rn parts of Austria-Hungary. Depression in SW. moving slightly to the E^ard later, but subsequently beginning to fill up.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 14th April, 1897.

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 ...	30·62	34	NW	0	0	30·48	- ·25	32	30	+ 2	S	2	b	≡	0	≡	39	9	-
	Hernösand ...	30·47	35	NW	0	0	30·34	- ·26	35	34	+ 1	NW	0	0	≡	0	≡	36	30	0·08
	Stockholm ...	30·40	37	E	2	0	30·26	- ·12	45	42	+ 8	SE	2	b	≡	0	≡	45	32	-
	Wisby	30·29	45	SE	4	c	30·23	- ·05	51	48	+ 7	SE	4	b	≡	0	≡	52	37	-
	Karlstad ...	30·26	41	E	2	0	30·11	- ·16	41	39	+ 6	E	2	0	≡	0	≡	≡	≡	-
	Bodö	30·15	42	E	6	b	30·05	- ·38	47	40	+ 4	E	6	b	1	b	≡	47	36	-
	Christiansund ...	29·95	49	SE	5	b	29·66	- ·53	52	44	+ 6	E.SE	8	b	4	b	≡	52	46	-
	Skudesnaes ...	29·91	44	ESE	8	c	29·63	- ·50	46	42	+ 2	SE	9	0	6	0.c	≡	46	36	≡
	Færder (Christiania Fjord)	30·18	41	ENE	2	0	29·98	- ·28	?	?	?	ESE	4	0	3	0	≡	41	37	0·04
	Skagen (The Scaw)	30·13	43	SSE	1	0	29·96	- ·20	44	42	+ 5	SSE	4	c	1	0	≡	45	37	-
	Fanö	29·93	47	SE	4	c	29·83	- ·19	44	43	+ 3	SE	6	c	≡	c	≡	57	41	-
British Islands.	Sumburgh Head	29·54	42	SE	7	0	29·08	- ·77	41	40	- 1	NSW	2	r	7	0	≡	44	39	0·70
	Stornoway ...	29·09	46	S	7	r	29·13	- ·43	38	37	- 6	W	4	ch.p	5	0.r	0·0	48	30	0·53
	Wick	29·34	43	S	8	r	29·16	- ·54	43	43	0	W	6	ou	6	r	≡	47	41	0·15
	Nairn	29·25	50	SSE	5	0	29·19	- ·47	43	42	- 4	NSW	2	b	1	0	≡	53	37	0·09
	Aberdeen ...	29·47	42	SE	9	0 q q r	29·23	- ·55	43	40	0	SW	2	c	6	0q.rq	0·0	45	41	0·85
	Leith	29·41	50	ESE	4	0	29·32	- ·40	42	40	- 3	W	3	c	≡	0	≡	55	39	0·24
	Shields	29·55	46	ESE	4	0	29·34	- ·43	48	44	+ 4	WSW	3	c	3	c.0.r	≡	53	42	0·11
	Spurn Head ...	29·61	47	SE	5	c	29·43	- ·32	47	46	+ 2	WSW	4	0	3	c.r	≡	51	45	-
	York	29·60	55	E	1	0	29·42	- ·34	47	43	+ 1	W	3	bc	≡	0	0·0	60	44	0·14
	Loughborough ...	29·64	55	SSE	2	0	29·48	- ·26	50	47	+ 3	WSW	5	c q u	≡	c.oq p.c	≡	61	47	0·02
	Ardrossan ...	29·33	48	S	4	0	29·32	- ·32	42	41	- 3	WSW	4	c	3	0	≡	49	38	0·60
	Malin Head ...	29·15	47	S	7	d	29·33	- ·13	42	40	- 6	W	6	ch q	4	r.hq	≡	49	36	0·27
	Belmullet ...	29·27	50	WSW	5	c	29·48	- ·06	39	38	- 9	WNW	4	c	≡	0.c	≡	50	36	0·40
	Donaghadee ...	29·37	47	SSW	6	r	29·46	- ·17	41	39	- 4	W	6	bc	4	r.q	≡	49	38	0·23
	Liverpool (Bidston)	29·54	53	SSE	2	0	29·48	- ·20	40	38	- 7	W	6	r	4	bc.r	≡	58	40	0·28
	Holyhead ...	29·49	49	SSW	6	o q m a p	29·50	- ·13	41	40	- 8	W	6	c q p	4	g m.m a p	≡	55	40	0·59
	Parsonstown ...	29·36	48	SE	2	r	29·58	+ ·06	37	36	- 12	W	2	p	≡	or	0·3	55	37	0·17
	Valencia ...	29·39	51	SSW	5	q r	29·69	+ ·15	43	40	- 5	WSW	6	ch q	6	gp.rg	0·0	53	39	0·34
	Roche's Point ..	29·47	48	SW	6	r	29·72	+ ·17	44	41	- 6	W	4	b	4	r	≡	51	40	0·20
	Pembroke (St. Ann's Hd.)	29·58	49	SW	5	0	29·61	+ ·03	45	44	- 2	NW	6	c	5	0	0·1	49	44	0·25
	Scilly	29·66	51	WSW	4	0	29·74	+ ·21	49	44	- 2	NNW	5	c	4	c.o f.o	4·5	56	43	0·07
	Prawle Point ...	29·67	50	SSW	2	c	29·71	+ ·08	46	45	- 1	WSW	5	c p	4	c.r f	≡	52	45	0·13
	Jersey (St. Aubin's)	29·76	56	SW	4	o q	29·78	+ ·11	52	51	+ 1	SSW	5	o q m a	4	b, o q	≡	59	48	0·01
	Hurst Castle ...	29·72	52	SSW	3	bc	29·66	- ·03	49	48	0	W	5	p	2	om, bc	≡	53	48	0·08
	Dungeness ...	29·74	51	SSE	1	0	29·66	- ·07	48	48	- 1	SW	6	c q p	5	c, o	≡	54	47	0·03
	North Foreland	29·76	50	S	2	bc	29·67	- ·09	48	47	- 1	SW	6	o q	5	c, bc	≡	54	47	-
	London (Brixton) ...	29·71	55	SSW	3	bc	29·60	- ·14	50	49	+ 1	SW	4	a	≡	o. c. o q	0·4	60	47	0·03
	Oxford	29·70	50	S	3	0	29·58	- ·14	48	47	- 1	SW	3	p	≡	c	≡	58	47	0·07
	Cambridge ...	29·69	51	SSW	3	o m	29·54	- ·22	50	50	+ 1	SW	3	r	≡	c. s m	2·3	63	47	0·03
	Yarmouth ...	29·73	48	SE	3	c	29·56	- ·21	49	47	+ 4	SSW	5	c q	4	c	≡	49	44	0·03
Germany & Holland.	Cuxhaven ...	29·89	48	ESE	2	0	29·81	- ·12	44	44	+ 3	S	3	0	≡	0	≡	50	41	-
	Berlin	29·99	48	SSE	1	bc	29·97	+ ·08	46	45	- 1	SSE	3	b	≡	bc	≡	54	41	0·12
	Wiesbaden ...	≡	≡	≡	≡	≡	29·95	+ ·08	51	49	+ 3	NE	0	c	≡	≡	≡	61	48	-
	Munich... ..	29·98	48	NE	0	r	30·09	+ ·21	48	46	+ 8	SW	1	r	≡	r	≡	59	40	0·04
	The Helder ...	29·79	50	ESE	1	bc	29·68	- ·21	51	48	+ 8	SW	4	c	2	bc	≡	51	43	-
Belgium.	Brussels ...	≡	≡	≡	≡	≡	29·84	+ ·04	50	47	+ 2	SSW	4	r	≡	0	≡	62	48	-
	Cape Gris Nez ...	29·74	51	NE	0	m	29·71	- ·02	48	47	0	SW	5	r	5	m	≡	57	46	-
	Paris	29·83	60	SE	2	bc	29·95	+ ·20	51	48	+ 3	SSW	4	0	≡	bc	≡	66	48	-
	Brest	29·76	51	W	3	0	29·79	+ ·21	52	51	+ 2	SW	5	m	4	0	≡	54	46	0·04
	Lorient... ...	29·81	52	SW	4	c	29·86	+ ·23	52	51	+ 3	W	6	f	3	c	≡	59	43	-
France &	Rochefort ...	29·91	55	NW	4	bc	30·04	+ ·33	53	50	+ 1	NSW	4	c	≡	0, bc	≡	61	50	-
	Belfort	29·86	58	SSW	2	bc	30·05	+ ·25	48	47	+ 2	SSW	4	f	≡	bc	≡	63	43	0·08
	Lyons	29·90	59	S	3	bc	?	?	50	47	- 2	?	2	r	≡	bc, f	≡	64	45	-
	Nice	30·01	53	SE	1	c	30·15	+ ·24	52	49	+ 3	Z	0	c	2	c	≡	61	45	-
	Perpignan ...	29·96	56	SE	2	0	30·17	+ ·39	54	52	- 1	NE	2	0	≡	0	≡	67	53	-
	Biarritz ...	30·00	54	NNW	3	0	30·10	+ ·36	53	51	- 1	Z	0	b	5	0	≡	57	50	-
Peninsula.	Corunna ...																≡			
	Lisbon	30·07	52	NNW	6	b	30·20	+ ·30	56	51	+ 3	NNW	5	b	≡	b	≡	59	52	-
	Azores (P. Delgada)																≡			

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

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

Bright Sunshine yesterday Southport 1·0 hrs;

WEATHER CHARTS

FOR Wednesday 14th April, 1897.

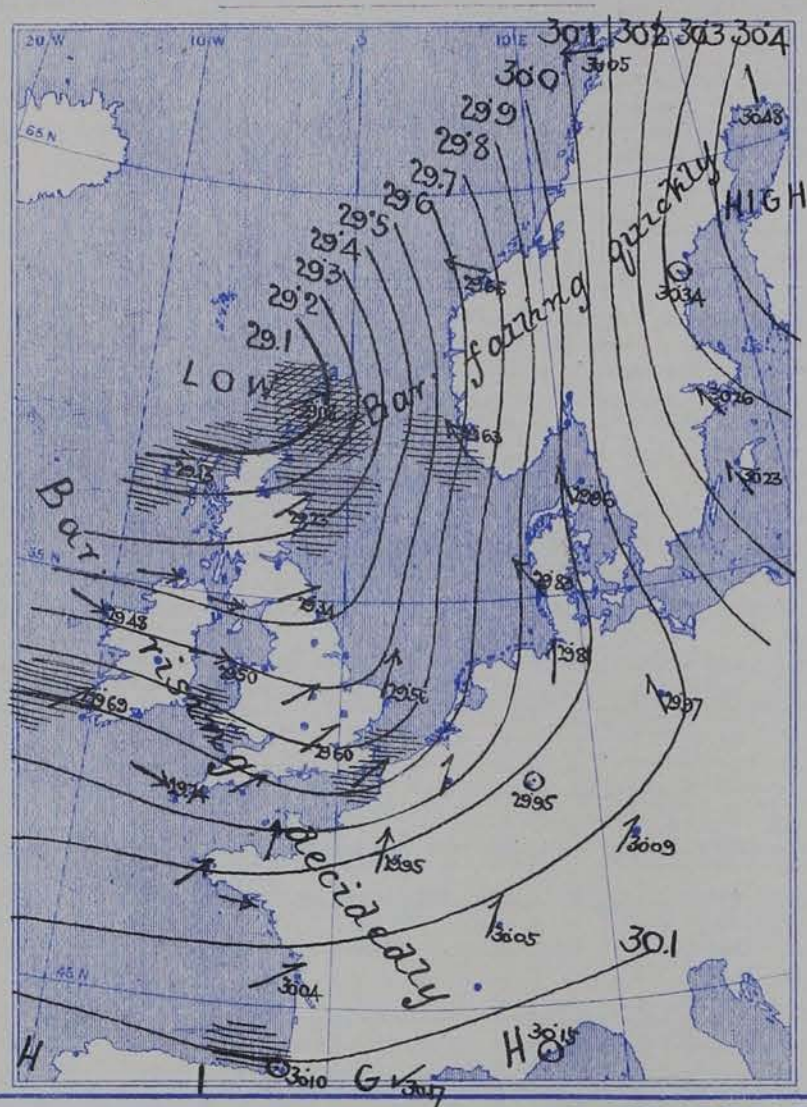
BAROMETER, WIND AND SEA.

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


20°W
10°W
0
10°E
65°N
55°N
45°N
300
299
298
29·7
296
29·5
294
293
29·2
29·1
LOW
Bar. falling quickly
HIGH
Bar.
Bar.
Bar.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, (1) 30·4 in: and more over Lapland, and exceeding 30·0 in: over the whole of Sweden; (2) 30·0 in: and more over all the southern parts of Norway and the Bay of Biscay.
Lowest, Below 29·1 in: in a depression lying off the north of Scotland, and below 29·4 in: in a secondary off the northeast of England.
Gradients very steep over Norway and the Shetlands, moderate over Ireland and England, slight over France.
Barometer rising fast on our southwestern coasts and rise spreading eastwards and northwards.

TEMPERATURE

Highest, 54° to 52° on the west and south coasts of France, 52° in Jersey, 50° in London; 51° at Whitby.
Lowest, 32° at Haparanda, 35° at Hernösand, 41° at Donaghadee and Lerwick Head, 42° at Malin Head, Aberdeen, and Leith.
The maxima recorded over the inland parts of England yesterday ranged from 58° to 63°; Paris recorded 66° and Perpignan 67°.

WIND

Strong from W. at our western and northern stations, from SW. over our southeastern counties, from SE. in Denmark, and is blowing a strong gale from SE. in the west of Norway.
It blew hard from SE. in the east of Scotland yesterday and was squally over England in the night.

WEATHER

Very changeable and showery in our Islands, with hail in the west of Ireland and at Stornoway; fair over France.
Rain has fallen very generally over our Islands — most at our northern and northwestern stations.
Bright Sunshine recorded yesterday was Scilly 4·5 hrs; Cambridge 2·3 hrs; Southport 1 hr:, at the northern stations there was none.

SEA

Very rough in the north, rough in the southwest, rather so in the south.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbances in the north and northeast are passing off, and fairer weather is probable for a short interval.

FORECASTS

For the 24 hours ending at NOON on 15th APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	W^ly and SW^ly winds; changeable, some showers.
1	SCOTLAND EAST	
↑ 2	ENGLAND N.E.	
3	ENGLAND EAST	SW^ly and W^ly winds; fine and warm today, uncertain for tomorrow.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
↑ 6	SCOTLAND WEST	Wind varying between S. and W. in direction, fresh in force; showery.
↑ 7	ENGLAND N.W.	
↑ 8	ENGLAND S.W.	
↑ 9	IRELAND NORTH	
↑ 10	IRELAND SOUTH	
	WARNINGS	At 7·15 pm yesterday to districts 2, 6, 7, 9, 10 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 ...	30·08	46	42	ESE	2	c	2
Sumburgh Head	29·69	42	40	SE	7	c	7
Stornoway	29·81	48	45	S	5	cu	6
Aberdeen	29·64	43	42	SSE	4	cgq	6
Shields	29·65	45	44	ESE	4	c	3
Ardrossan	29·48	48	48	S	3	c	3
Malin Head ...	29·25	49	49	S	7	r	4
Belmullet	29·31	46	46	SSW	6	c	*
Holyhead	29·57	51	49	S	4	cgm	3
Valencia	29·50	47	45	S	4	cqp	5
Scilly	29·62	55	53	SSW	3	cf	4
Jersey	29·74	56	55	SE	3	b	3
Hurst Castle ...	29·72	51	50	S	3	cm	2
Dungeness ...	29·74	52	51	S	2	c	1
North Foreland	29·76	53	49	S	2	c	2
London (Westminster)	29·72	50	53	SSW	2	c	*
Yarmouth ...	29·75	48	46	ESE	4	c	4
Rochefort ...	29·82	58	55	NW	4	c	*

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

Weather in morning fine and light over northern Europe, as well as at many of the Mediterranean and Adriatic stations and in the south of Russia; cloudy elsewhere, and very changeable over the British Islands; raining in the northwest and north. Heavy rain later over the last named regions, and smaller quantities over the other parts of the British Islands.

Temperature rises over Western Europe generally. Morning readings highest 65° at Algiers, 64° at Palma, exceeding 50° on the coasts of southern Europe generally, as well as at some of our own southwestern stations. Lowest 26° at Archangel, 30° at Haparanda, 34° at Kuopio and Hernösand, 35° at Karlstad, and below 40° at Faeder and the Skaw. Rising later to between 58° and 63° over England, to 66° at Paris and to 67° at Perpignan.

Wind E[1] over northern Europe, and blowing very strongly in the Gulf of Finland; SE[1] to S[3] in our Islands, and blowing strongly in the north; S[3] in the northwest of France, W[1] to NW[2] over Spain, light and variable over the Mediterranean and southeastern Europe. Blowing a strong gale from SE. in the east of Scotland later, and becoming equally over Ireland and England also as it veered to S. and SW. in direction.

Barometer highest (1) 30·7 in: and more to 30·1 in: in a large anticyclone covering all the northern part of Europe; (2) 30·3 in: in the Azores, and 29·9 in: to 29·8 in: over the southwestern half of Spain. Lowest Below 29·5 in: in two depressions – one lying off our southwest coasts, the other to the eastward of Scotland. Former disturbance filling up later, the latter becoming deep and moving northeastwards

EASTER HOLIDAYS. NOTE.

Owing to the operation of the Factory Act, the Daily Weather Report will be delayed in publication – as follows

Good Friday's and Tuesday's Reports will be issued on Tuesday.
Sunday's and Wednesday's —"— —"— Wednesday.
Monday's and Thursday's —"— —"— Thursday.

The report for Saturday will be issued promptly on that day.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 15th April, 1897.

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	36	S	2	b	30·26	-·22	36	33	+4	SE	2	b	fr	b	*	41	27	-
	Hernösand ...	30·14	35	S	2	c	30·02	-·32	38	34	+3	S	4	c	*	c	*	45	32	-
	Stockholm ...	30·11	43	SE	2	b	29·97	-·29	48	44	+3	SE	4	bc	*	b	*	54	36	-
	Wisby	30·11	51	SE	4	b	29·99	-·24	50	46	-1	S	6	bc	*	b	*	59	39	-
	Karlstad ...	29·86	44	S	6	b	29·79	-·32	41	40	0	SSW	2	r	*	b.r	*	*	*	0·35
	Bodö	29·88	51	ESE	7	b	29·79	-·26	53	45	+6	ESE	6	b	1	b	*	58	39	-
	Christiansund ...	29·40	51	ESE	4	c	29·68	+·02	42	39	-10	S	0	o	3	c	*	57	37	-
	Skudesnaes ...	?	39	NNW	2	c	29·76	+·13	39	39	-?	S	4	o	4	r.c	*	46	37	*
	Færder (Christiania Fjord)	29·67	36	SE	6	o	29·73	-·25	40	39	?	SSW	4	b	3	o	*	41	39	0·47
	Skagen (The Scaw)	29·68	44	SSE	6	r	29·88	-·10	41	39	-3	W	7	bc	2	r	*	48	39	0·35
	Fanö	29·70	44	SW	4	c	29·96	+·13	42	41	-2	WSW	4	b	*	c	*	55	41	0·12
	Sumburgh Head	29·30	43	WSW	3	b	29·59	+·51	40	38	-1	WSW	3	b	5	c.b	*	46	37	0·05
	Stornoway ...	29·31	39	W	3	o	29·59	+·46	39	38	+1	W	4	bc	5	hrsq.bc	6.7	40	34	0·15
	Wick	29·30	42	W	6	bc	29·64	+·48	43	42	0	W	4	bc	3	bc	*	50	35	-
	Nairn	29·40	44	W	2	bc	29·67	+·48	43	41	0	WSW	3	b	1	bc	*	49	33	0·02
	Aberdeen ...	29·45	45	WSW	2	b	29·77	+·54	43	39	0	SSW	2	bw	1	bc.b	6.4	52	34	-
British Islands	Leith	29·53	40	W	3	b	29·84	+·52	43	40	+1	WSW	3	b	*	b	*	49	36	0·03
	Shields	29·62	41	WSW	4	b	29·92	+·58	43	40	-5	WSW	1	c	3	c.b	*	51	47	-
	Spurn Head ...	29·73	45	WSW	4	b	30·02	+·59	43	42	-4	SW	4	b	3	qr.b	*	52	37	0·07
	York	29·69	46	WSW	4	b	30·01	+·59	42	39	-5	WSW	3	c	*	b	E·1	54	35	-
	Loughborough ...	29·79	46	W	5	bc	30·07	+·59	43	39	-7	SW	4	bm	*	qrs.tl	*	54	36	0·05
	Ardrossan ...	29·54	40	W	4	bchp	29·86	+·54	44	44	+2	WSW	4	bc	3	bc.hp	*	45	38	0·03
	Malin Head ...	29·50	41	W	6	bc	29·78	+·45	44	43	+2	SW	5	chq	4	hqr.bc	*	44	34	0·22
	Belmullet ...	29·67	43	W	6	cqhp	29·89	+·41	46	43	+7	W	6	o	*	b.hqp	*	46	36	0·48
	Donaghadee ...	29·64	43	WSW	6	bc	29·92	+·46	43	41	+2	WSW	6	b	4	bcrs	*	49	34	0·04
	Liverpool (Bidston)	29·75	44	W	3	c	30·04	+·56	44	39	+4	WSW	5	b	4	cp	*	48	37	0·06
	Holyhead ...	29·75	43	SSW	3	cph	30·04	+·54	44	41	+3	SW	5	bc	4	b, chp	*	49	39	0·03
	Parsonstown ...	29·78	38	W	1	c	30·03	+·45	43	40	+6	SW	1	bc	*	cprhs,b	7.3	55	35	0·05
	Valencia ...	29·88	45	WSW	7	bcqhp	30·10	+·41	45	42	+2	SW	5	cp	6	cqhp	E·9	48	38	0·10
	Roche's Point ..	29·88	45	W	5	bqrhp	30·13	+·41	46	43	+2	W	4	b	4	rhqp	*	49	40	0·10
	Pembroke (St. Ann's Hd.)	29·86	45	W	6	c	30·14	+·53	45	43	0	NW	5	b	5	c	10·6	48	42	0·02
	Scilly	30·02	48	W	6	cp	30·24	+·50	48	45	-1	W	4	c	4	c.p	6.0	53	42	0·03
	Prawle Point ...	29·97	46	WSW	5	bc	30·23	+·52	46	44	0	W	5	bcp	4	c.p	*	51	40	0·01
	Jersey (St. Aubin's)	30·02	49	W	4	cq	30·30	+·52	50	45	-2	W	5	bcqp	4	c.p	*	53	44	0·06
	Hurst Castle ...	29·90	51	W	5	b	30·20	+·54	47	45	-2	WSW	4	b	3	bc.b	*	55	43	-
	Dungeness ...	29·87	50	NNW	4	c	30·19	+·53	47	43	-1	WSW	4	b	3	cqp.c	*	55	40	0·01
	North Foreland	29·83	52	W	5	bc	30·19	+·52	45	41	-3	W	4	b	3	o.bc	*	56	36	0·04
	London (Brixton) ...	29·85	49	W	3	bc	30·17	+·57	45	41	-5	WSW	2	b	*	p.c.b	?	56	36	0·03
	Oxford	29·93	42	W	3	b	30·14	+·56	44	41	-4	SW	3	b	*	c.ph.b	*	53	37	0·01
	Cambridge ...	29·82	49	WSW	4	b	30·14	+·60	44	41	-6	SW	3	b	*	qp.b	6.2	56	34	0·05
	Yarmouth ...	29·77	44	NNW	4	c	30·08	+·52	44	40	-5	W	4	b	3	c.rq.c	*	54	35	0·20
Germany & Holland	Cuxhaven ...	29·73	50	SSW	3	r	30·04	+·23	45	44	+1	WSW	2	b	*	r	*	59	39	0·28
	Berlin	29·93	55	SE	4	c	30·09	+·12	48	46	+2	W	2	o	*	c	*	61	46	-
	Wiesbaden ...	*	*	*	*	*	30·18	+·23	48	45	-3	W	1	o	*	*	*	63	46	-
	Munich... ..	30·10	50	SE	2	bc	30·16	+·07	51	48	+3	W	4	o	*	bc	*	59	48	0·04
	The Helder ...	29·77	46	WSW	2	bc	30·08	+·40	45	42	-6	WSW	3	b	2	bc	*	52	43	0·16
Belgium.	Brussels ...	*	*	*	*	*	30·21	+·37	45	42	-5	WSW	4	b	*	c	*	56	38	0·08
	Cape Gris Nez...	29·83	49	NNW	5	bc	30·13	+·42	45	42	-3	W	5	bc	5	bc	*	52	41	0·08
	Paris	30·02	46	NW	3	r	30·31	+·36	42	40	-9	SW	2	b	*	r	*	56	38	0·08
	Brest	30·12	48	NW	3	c	30·32	+·58	47	44	-5	W	3	c	2	c	*	54	43	0·12
	Lorient... ...	30·13	49	NW	5	b	30·34	+·48	48	45	-4	NW	4	b	3	b	*	57	43	0·04
France &	Rochefort ...	30·15	55	WSW	5	o	30·39	+·35	47	45	-6	NW	2	b	*	o	*	57	43	0·04
	Belfort	30·02	55	SSW	2	c	?	?	44	43	-4	SSW	2	o	*	c	*	61	42	0·08
	Lyons	30·10	60	W	1	c	30·30	?	48	46	-2	NW	3	o	*	c	*	67	46	-
	Nice	30·15	53	E	0	o	30·14	-·01	54	51	+2	E	0	c	2	o	*	59	48	-
	Perpignan ...	30·16	60	SE	2	b	30·09	-·08	57	52	+3	NW	2	c	*	b	*	67	50	-
	Biarritz ...	30·17	59	WSW	3	b	30·36	+·26	53	49	0	N	3	o	3	b	*	64	48	0·24
Penin-sula.	Corunna ...																*			
	Lisbon	30·27	56	NNW	5	b	30·31	+·11	56	52	0	NNW	5	bo	*	b	*	64	52	-
	Azores (P. Delgada)																*			

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

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

Bright Sunshine yesterday Southport 6.5 hrs;

WEATHER CHARTS

FOR Thursday, 15th April, 1897.

BAROMETER, WIND AND SEA.

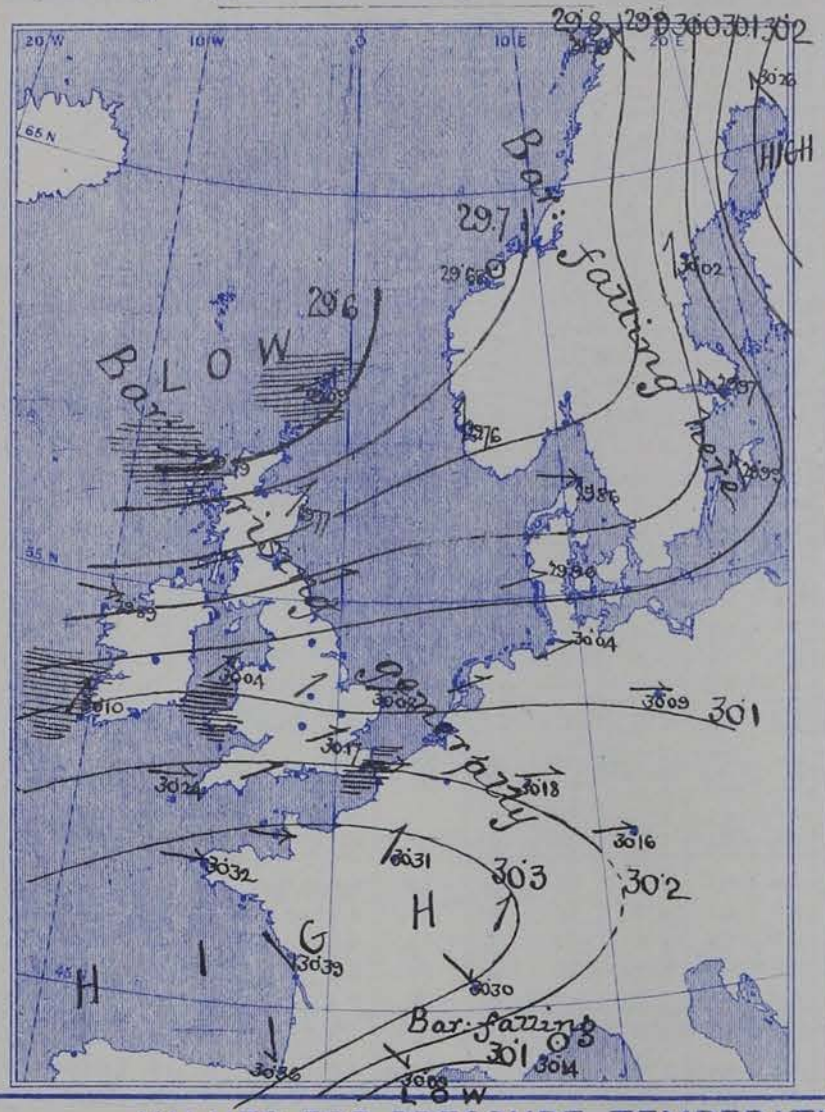
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

Force 8 to 10 ➔⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▤ ; High ▩

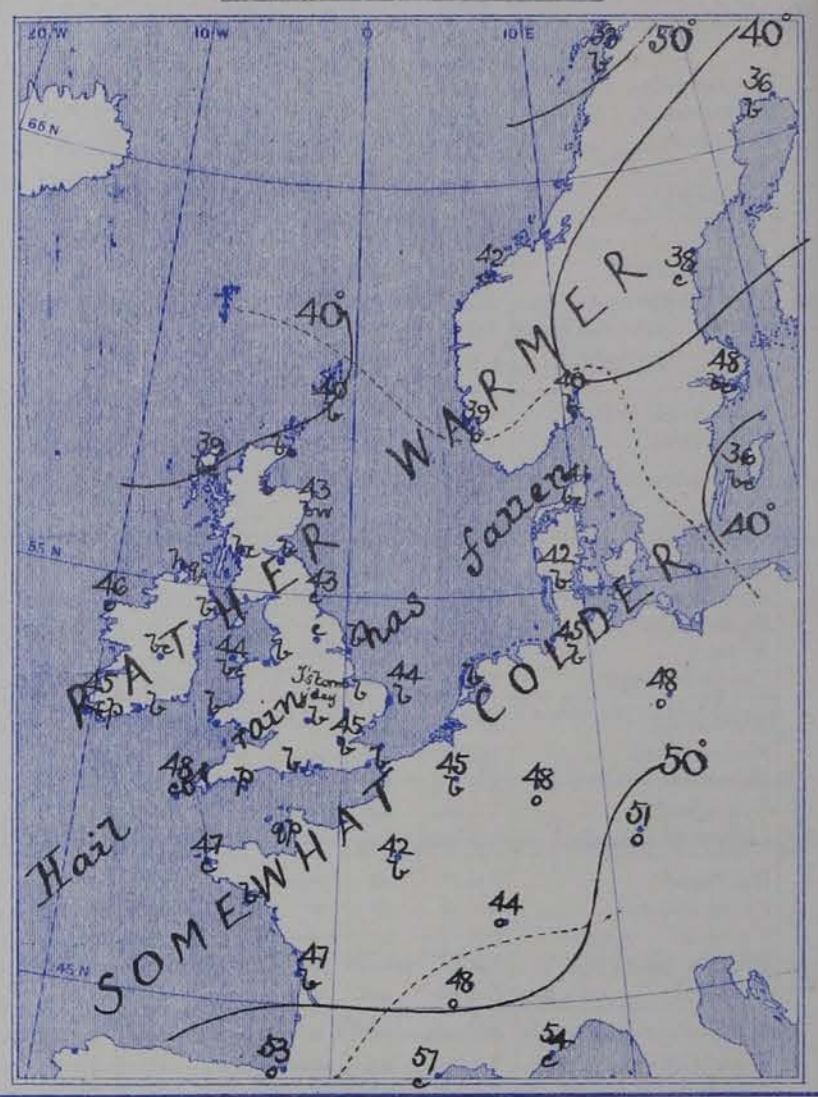


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 · 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881; 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 · 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. and more to 30.1 ins. in an anticyclone covering the Bay of Biscay, France and the southern parts of our Islands, and in another system over Finland & the N. parts of Sweden.
Lowest below 29.6 ins. off the extreme north of Scotland.
Gradients moderate or slight, and mainly favourable for W. and SW. winds over our Islands.
Barometer still rising over the British Islands and France.

TEMPERATURE

Highest 57° at Perpignan, 53° at Biarritz, 50° at Jersey, 48° at Scilly, and also at Berlin.
Lowest 36° at Haparanda, 39° at Stornoway, 40° at Sumburgh Hd., 42° at York, 43° at Parsonstown.
It rose during yesterday to between 56° and 50° over Ireland and England, to 56° at Paris, 61° at Berlin, 67° at Lyons and Perpignan.

WIND

SW. to W., fresh to moderate over our Islands and their neighbourhood, W. over the North Sea, but SE. moderate to strong over Scandinavia.
The SE. gales prevalent over Norway yesterday have died down.

WEATHER

Fine generally over England, somewhat showery on our western and southwestern coasts, and not settled anywhere.
Showers of hail fell at all our W. stations yesterday, rain in small quantities elsewhere. In the NW. of Ireland the total fall was again considerable. Thunder and lightning occurred at Loughborough (Leicestershire). Bright Sunshine recorded yesterday was considerable in the NW. and W. (10.6 hrs at Pembroke) at Cambridge it was 6.2 hrs, Scilly 6.0 hrs.

SEA

Moderate to rather rough in the W. and N., slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is a small and very shallow secondary disturbance now crossing England which will probably cause a passing shower or two — perhaps hail — but as a whole fair and rather cold weather is probable.

FORECASTS

For the 24 hours ending at NOON on 16TH APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SW. breezes, moderate to fresh. some showers, bright intervals.
1	SCOTLAND EAST	
2	ENGLAND N.E.	SW. winds, fresh, fair as a whole.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	
7	ENGLAND N.W.	
8	ENGLAND S.W.	SW. winds, strong, rain at times.
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	Signals lowered this morning.

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 ...	29.41	45	43	SE	9	r	7
Sumburgh Head	29.22	45.	41	NSW	2	c	6
Stornoway	29.24	37	36	NNW	4	r	5
Aberdeen	29.35	51	41	SW	3	bc	4
Shields	29.48	49	43	WSW	4	c	3
Ardrossan	29.48	44	43	WSW	4	bc	3
Malin Head ...	29.43	42	39	W	6	bc	5
Belmullet	29.58	45	43	W	7	b	*
Holyhead	29.68	46	43	NSW	6	b	5

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.81	42	39	WSW	7	cqh.p	6
Scilly	29.93	48	44	W	5	c	4
Jersey	29.93	53	50	WNW	4	c	3
Hurst Castle ...	29.81	55	48	W	5	bc	3
Dungeness ...	29.74	50	48	SW	6	cqp	5
North Foreland	29.75	53	46	W.	3	o	4
London (Westminster)	29.74	56	45	W	4	c	*
Yarmouth ...	29.61	54	46	WSW	5	c	4
Rochefort ...	30.09	54	52	WSW	5	o	*

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

Weather in morning fine and bright over the Nth. parts of Scandinavia, Russia and Finland, as well as in some parts of N. Germany and in the SW. of Spain, cloudy, showery and unsettled over the British Islands and their neighbourhood, with hail in the extreme W. and NW. Hail showers very general in the W. later, thunder and lightning over central England, and considerable rain in the S. of Sweden.

Temperature fallen over our Nth. districts, risen in the S. and at many of the Continental stations. Morning readings highest 61° at Algiers, 60° at Bilbao and Trieste, and exceeding 50° over Sth. Europe and the W. of France, 52° at Monet, 51° at Wisby, the Helder and Wiesbaden, 50° at Loughborough (Leicester). Lowest 27° at Archangel, 32° at Haparanda and Kuopio, 33° at Moscow, 38° at Stornoway, 41° at Sumburgh Hd. Rising later to between 50° and 56° over Ireland and England, to 56° at Paris, to 61° at Berlin, 67° at Lyons and Perpignan.

Wind (1) moderate to strong from between NW. and SW. over the British Islands and the Channel, from S. over N. Germany, and from SE. over the Baltic and Sweden, and blowing a strong gale from between SE. and E at the Norwegian stations, (2) light and variable over Sth. and SE. Europe, as well as in the N. of Russia. No decided change later.

Barometer highest (1) 30.6 ins. and more to 30.2 ins. in a large anticyclone lying over the Nth. half of Russia, (2) 30.2 ins. and more in the SW. of Spain, and exceeding 30.1 ins. in a broad band covering the whole of Sth. and SE. Europe. Lowest 29.1 ins. and less in a depression lying off the N. of Scotland. The latter system moving Nthwds. later, and the barometer rising all over our Islands, France and Spain.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Friday, 16th April, 1897.

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 ...	30·17	37	SSE	4	b	30·16	—·10	36	34	0	SSE	2	o	#	b	#	45	28	—
	Hernösand ...	30·02	35	S	4	c	30·13	+·11	34	33	— 4	Z	o	b	#	c	#	41	32	0·08
	Stockholm ...	30·17	42	Z	o	o	30·28	+·31	40	38	— 8	W	2	b	#	o	#	50	39	0·12
	Wisby	30·22	43	SSW	4	c	30·32	+·33	38	36	— 12	W	4	b	#	c	#	52	39	0·24
	Karlstad ...	30·12	38	SSW	2	b	30·22	+·43	36	36	— 5	SSW	2	o	#	b,r	#	#	#	0·04
	Bodö	29·77	39	SW	6	r	29·95	+·16	41	38	— 12	E	4	b	1	r	#	54	36	0·12
	Christiansund ...	29·85	42	SW	2	b	29·81	+·13	44	37	+ 2	ESE	5	o	4	b	#	46	37	—
	Skudesnaes ...	30·00	40	S	4	c	29·91	+·15	40	39	+ 1	S	8	f	5	c	#	45	37	#
	Færder (Christiania Fjord)	30·07	40	SSW	4	b	30·14	+·41	40	39	o	SSW	3	m	3	b	#	43	39	—
	Skagen (The Scaw)	30·22	41	W	1	b	30·21	+·35	37	37	— 4	SW	4	m	1	b	#	48	37	—
	Fanö	30·21	42	WSW	4	b	30·23	+·27	43	42	+ 1	SW	4	b	#	b	#	52	41	—
	Sumburgh Head	29·63	44	S	3	bc	29·37	—·22	44	42	+ 4	S	4	o	6	bc	#	47	39	0·02
	Stornoway ...	29·56	44	WSW	5	r	29·36	—·23	38	37	— 1	W	4	cq	5	r	5·4	47	33	0·43
	Wick	29·67	43	SW	6	bc	29·38	—·26	42	40	— 1	NW	6	bcw	4	bc	#	50	39	—
	Nairn	29·68	43	W	4	c	29·44	—·23	39	39	— 4	WSW	3	rsp	2	c	#	52	33	0·16
	Aberdeen ...	29·78	46	SW	5	cq	29·56	—·21	43	40	o	SW	5	cqw	4	cg r	7·5	53	40	0·10
	Leith	29·85	45	WSW	1	bc	29·63	—·21	44	41	+ 1	WSW	3	c	#	bc	#	53	41	0·05
	Shields	29·98	47	SW	4	bc	29·77	—·15	45	43	+ 2	SSW	4	cp	2	bc	#	53	41	0·01
	Spurn Head ...	30·10	48	SW	4	b	29·93	—·09	47	45	+ 4	SSW	5	o	4	b	#	51	42	—
	York	30·08	48	WSW	3	bc	29·86	—·15	45	42	+ 3	WSW	3	o	#	bc	0·7	53	40	0·01
	Loughborough ...	30·16	48	SW	1	c	30·03	—·04	47	44	+ 4	SW	5	cqpd	#	bcp,b,o	#	56	42	0·01
British Isles.	Ardrossan ...	29·86	45	SW	4	o	29·61	—·25	43	43	— 1	SW	5	opq	4	op	#	47	42	0·05
	Malin Head ...	29·77	46	SW	6	c	29·61	—·17	44	42	o	WSW	5	c	4	e,rhq	#	48	40	0·18
	Belmullet ...	29·91	48	WSW	6	bcq	29·79	—·10	45	41	— 1	WNW	6	opq	#	rs,bcq	#	48	37	0·72
	Donaghadee ...	29·95	47	SW	5	bc	29·72	—·20	43	43	o	SW	5	r	3	hrp,bc	#	52	40	0·31
	Liverpool (Bidston)	30·09	48	WSW	3	bc	29·87	—·17	48	44	+ 4	SW	5	o	4	p,bc	#	53	43	0·05
	Holyhead ...	30·07	47	SW	5	cpq	29·86	—·18	47	46	+ 3	SW	6	c	5	cpq	#	50	41	0·08
	Parsonstown ...	30·04	49	W	2	bc	29·84	—·19	48	45	+ 5	W	3	op	#	bcp	9·8	52	42	0·09
	Valencia ...	30·12	50	SW	5	bcm	29·99	—·11	49	46	+ 4	SW	6	op	6	pq,bcm	9·2	53	43	0·35
	Roche's Point ..	30·16	50	W	5	bc	29·98	—·15	50	49	+ 4	W	5	p	4	hq,bc,p	#	52	45	0·20
	Pembroke (St. Ann's Hd.)	30·18	46	WNW	5	bc	30·01	—·13	48	47	+ 3	WSW	6	opq	5	bc	9·8	49	45	0·04
	Scilly	30·32	51	WSW	4	c	30·20	—·04	50	49	+ 2	SW	6	omp	4	c	11·3	54	45	0·04
	Prawle Point ...	30·31	48	W	5	b	30·19	—·04	48	47	+ 2	WSW	7	o	6	c,b	#	50	45	—
	Jersey (St. Aubin's)	30·38	51	W	5	b	30·35	+·05	50	47	o	SW	5	c	4	bc,gh	#	53	46	0·03
	Hurst Castle ...	30·30	49	WSW	4	bc	30·22	+·02	49	48	+ 2	SW	5	cp	3	bc	#	52	46	0·05
	Dungeness ...	30·25	48	WSW	5	b,t	30·14	+·05	48	46	+ 1	SW	5	c	3	b,t	#	53	46	—
	North Foreland	30·26	49	SW	2	o	30·24	+·05	49	45	+ 4	SW	4	o	3	bth,v	#	54	40	0·10
	London (Brixton) ...	30·24	52	WSW	3	b	30·21	+·04	50	46	+ 5	WSW	5	o	#	p,c,b	11·3	57	42	0·03
	Oxford	30·27	46	SW	2	b	30·12	—·02	48	45	+ 4	S	4	op	#	b,p	#	54	41	0·01
	Cambridge ...	30·21	54	WSW	4	b	30·12	—·02	48	45	+ 4	SW	4	bc	#	b	12·2	57	37	—
	Yarmouth ...	30·17	50	WNW	2	bc	30·12	+·04	48	44	+ 4	SSW	5	bc	4	b,bc	#	52	40	—
Germany & Holland.	Cuxhaven ...	30·22	46	W	2	b	30·29	+·25	44	43	— 1	S	3	b	#	b	#	52	34	0·04
	Berlin	30·29	48	Z	o	bc	30·41	+·32	42	41	— 6	NW	2	c	#	bc	#	54	38	—
	Wiesbaden ...	#	#	#	#	#	30·42	+·24	41	39	— 7	NW	2	bc	#	#	#	57	36	—
	Munich... ..	30·41	39	NE	3	r	30·43	+·27	39	39	— 12	E	3	r	#	r	#	55	37	0·44
	The Helder ...	30·24	46	SW	2	b	30·22	+·14	46	45	+ 1	SW	4	bc	2	b	#	48	37	—
Belgium.	Brussels ...	#	#	#	#	#	30·47	+·26	46	43	+ 1	SSW	3	bc	#	b	#	54	37	—
	Cape Gris Nez...	30·25	48	W	5	bc	30·25	+·12	47	45	+ 2	SW	5	o	5	bc	#	52	41	—
	Paris	30·38	50	W	3	b	30·44	+·13	41	39	— 1	S	2	m	#	b	#	58	33	—
	Brest	30·41	52	W	3	c	30·36	+·04	50	48	+ 3	WSW	3	c	3	c	#	54	46	—
	Lorient... ...	30·44	50	WNW	4	bc	30·41	+·07	50	48	+ 2	WNW	4	bc	4	bc	#	55	46	—
France &	Rochefort ...	30·46	53	NW	4	b	30·50	+·11	50	49	+ 3	NW	3	bc	#	b	#	59	47	—
	Belfort	30·33	46	E	2	c	30·41	?	38	36	— 6	Z	o	m	#	c	#	57	34	0·04
	Lyons	30·37	47	N	1	o	30·38	+·08	44	40	— 4	N	3	b	#	o	#	55	39	—
	Nice	30·09	52	S	1	o	29·96	—·18	51	50	— 3	ENE	5	r	3	o	#	59	50	—
	Perpignan ...	30·33	54	NW	4	o	30·36	+·27	51	46	+ 6	W	5	b	#	o	#	63	48	—
	Biarritz ...	30·45	53	NNW	3	b	30·50	+·14	48	46	— 5	ESE	2	bc	5	b	#	64	45	—
Peninsula.	Corunna ...	30·52	55	N	4	b	30·57	+·08	51	46	— 1	NE	1	b	?	b	#	57	39	—
	Lisbon	30·35	55	NNW	6	b	30·38	+·07	58	51	+ 2	N	3	b	#	b	#	64	52	—
	Azores (P. Delgada)	30·19	59	ENE	3	c	30·49		59	56		ESE	4	o	4	c	#	64	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 now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 7·8 hrs;

WEATHER CHARTS

FOR FRIDAY, 16TH APRIL, 1897.

BAROMETER, WIND AND SEA.

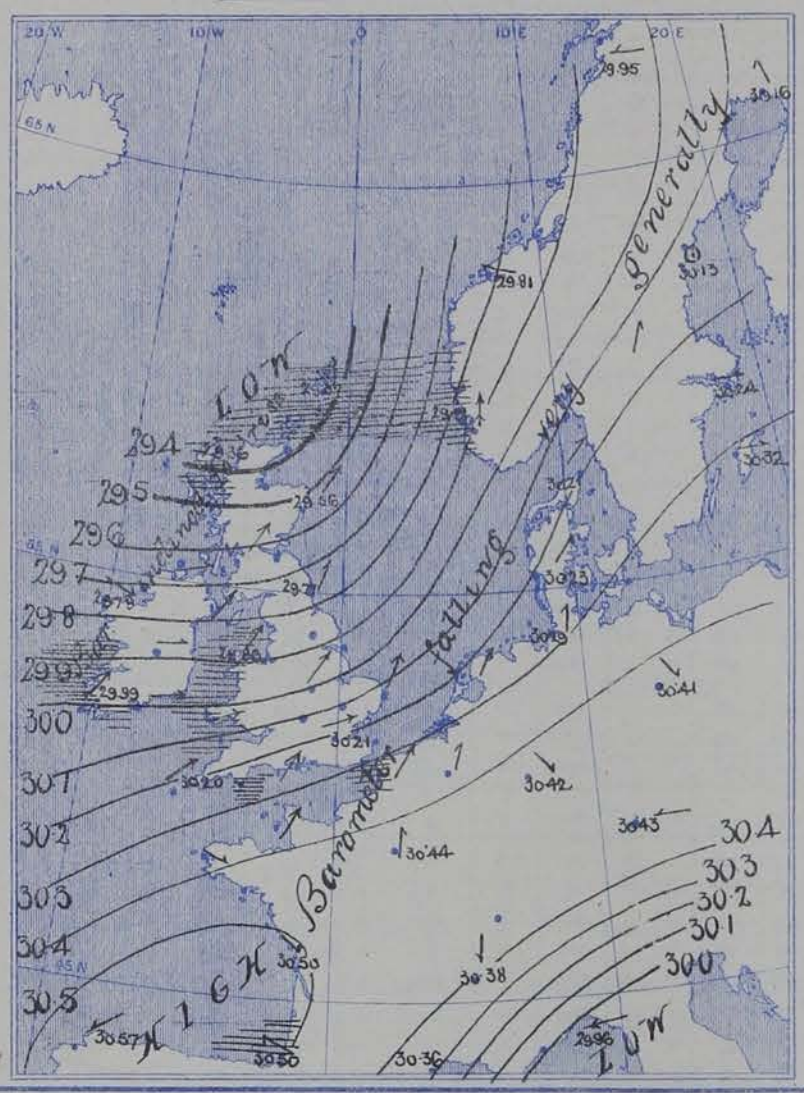
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

Force 8 to 10 ; Force 1 to 4 ; }

SEA—Rough ; High

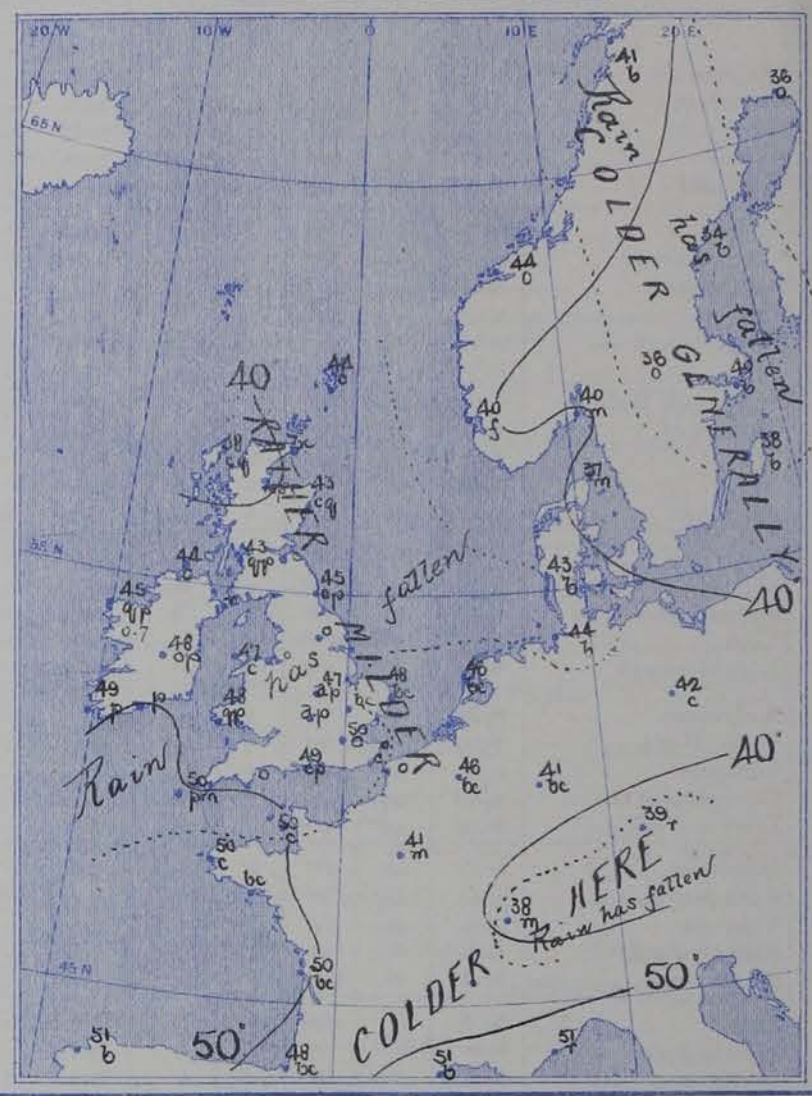


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 · 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 . 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 . 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 · 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.5 ins. and upwards in an anticyclone lying over the southern parts of the Bay of Biscay.
Lowest 29.4 ins. and less in a depression lying off the north of Scotland.
Gradients rather steep over our Islands and the North Sea, but moderate or slight elsewhere.
Barometer falling over the greater part of our Islands and the North Sea, but inclined to rise again on our extreme western coasts.

TEMPERATURE

Highest 58° at Lisbon, 51° at Coruna, Perpignan and Nice, and 50° at Scilly, Jersey, London, Brest Lorient and Rochefort.
Lowest 34° at Hernösand, 36° at Haparanda & Karlstad, 37° at Skagen, 38° at Wisby & Belfort, & 39° at Munich
During yesterday the thermometer rose to 50° and upwards in most parts of the United Kingdom, to 56° at Loughborough, and to 57° in London and at Cambridge.

WIND

Fresh to strong from the SW^wd over the United Kingdom generally, but W. ½ or NW. ½ on our extreme N. & NW. coasts. S. ½ or SE. ½ in the west of Norway, with a gale at Skudesnaes; W. ½ in the south of Sweden.
Variable over the southern parts of France, N. ½ on the Portuguese coasts.

WEATHER

Squally and showery over our Islands, with sleet at Nairn.
Fine at most of the Continental stations, but foggy or misty off the S. of Norway; rain falling at Nice and Munich.
Since yesterday morning rain has fallen in most parts of the United Kingdom, as well as at many of the Scandinavian and German stations. A lunar halo was seen yesterday at Holyhead.

SEA

Rough or rather so on our southwest and extreme north coasts, as well as at Skudesnaes, Cape Gris Nez and Biarritz, moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 17TH APRIL. 1897.

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 ...	29·89	45	42	S	4	bc	4
Sumburgh Head	29·67	45	42	S	3	bc	5
Stornoway	29·57	47	44	WSW	5	o	6
Aberdeen	29·79	50	42	SW	3	c	2
Shields	29·98	51	44	SW	2	c	2
Ardrossan	29·87	44	44	SW	4	op	3
Malin Head ...	29·76	47	44	SW	6	crq	5
Belmullet	29·91	48	45	W	6	oqrsp	*
Holyhead	30·08	49	46	SW	6	cq	5
Valencia	30·14	46	44	WSW	6	cpq	6
Scilly	30·28	53	50	WSW	4	c	4
Jersey	30·35	51	47	W	5	bc	4
Hurst Castle ...	30·28	49	47	SW	3	r	3
Dungeness ...	30·21	51	46	WSW	5	bc	4
North Foreland	30·23	47	43	W	3	o	2
London (Westminster)	30·20	56	47	W	3	c	*
Yarmouth ...	30·13	51	44	WSW	4	b	3
Rochefort ...	30·45	51	53	NW	3	b	*

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

Weather in morning fine and bright over Russia, the Baltic, and nearly the whole of W^m., S^w. and SE^m. Europe, as well as in most parts of the British Islands; dull over the N. and W. of Germany, dull and showery in the extreme W. of Ireland. Rain falling later over Sweden and the greater part of the United Kingdom — heavily on our NW^m. coasts, slightly in the E. and S., hail at some of our W^m. stations, — sharp local showers.

Temperature fallen fast over the W^m. countries. Morning readings highest 60° to 50° over the Mediterranean, 58° to 56° on the Portuguese coast, 53° at Bilbao and at Jersey. Lowest 21° at Archangel, 32° at Moscow, 36° to 38° in the N. of Sweden; 39° at Stornoway, 40° at Sumburgh Head, 41° at the Scaw, 42° at Paris and York. Rising during day to between 50° and 54° over the greater part of the United Kingdom to 57° at Cambridge and Wiesbaden, 58° at Paris, and 64° at Biarritz and Lisbon; touching 68° at Lesina and several of the Italian stations, and to 79° at Biskra (Algeria).

Wind (1) light and anticyclonic over Russia and many parts of W^m. Europe; (2) SW. 3 to W. 7 over the British Islands and North Sea, moderate to strong in force, S. 7 to SE. 7 in the W. of Norway; (3) light and very variable over the Mediterranean — Backing to SW. on our western coasts later and increasing in force.

Barometer Highest (1) 30·5 ins. and more to 30·3 ins. in an anticyclone over the N^m. half of Russia; (2) 30·4 ins. and more to 30·3 ins. in another lying over the Bay of Biscay, Spain and the W. of France, and exceeding 30·1 ins. over nearly the whole of central and southern Europe. Lowest below 29·6 ins. off the extreme N. of Scotland. Rising over W^m. and NW^m. Europe all day, but tending to fall again in the extreme W. of Ireland at night.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 17th April, 1897.

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 ...	30·15	35	S	2	o	30·14	-·02	33	32	- 3	ESE	2	b	*	o	*	39	32	-
	Hernösand ...	30·13	34	S	4	b	30·08	-·05	34	32	0	S	4	b	*	b	*	46	27	-
	Stockholm ...	30·26	39	E	0	b	30·15	-·09	44	39	+ 4	ESE	3	b	*	b	*	52	34	-
	Wisby	30·32	39	W	4	b	30·19	-·13	42	37	+ 4	S	4	b	*	b	*	46	36	-
	Karlstad ...	30·15	40	S	2	c	29·92	-·30	41	37	+ 5	SSE	4	bc	*	c	*	*	*	-
	Bodö	29·88	44	SSE	4	c	29·75	-·20	45	39	+ 4	ESE	4	b	1	c	*	46	37	-
	Christiansund ...	29·64	48	ESE	4	b	29·63	-·18	42	41	- 2	ESE	3	c	4	b	*	52	41	0·12
	Skudesnaes ...	29·74	40	S	8	r	29·71	-·20	38	38	- 2	S	4	o	5	rf	*	43	37	*
	Færder (Christiania Fjord)	30·04	41	SSE	6	o	29·75	-·39	41	41	+ 1	SSE	7	r	4	o	*	41	39	0·32
	Skagen (The Scaw)	30·08	41	SSE	4	r	29·80	-·41	40	39	+ 3	NW	6	r	2	r	*	43	37	0·20
	Fanö	29·95	40	S	4	o	29·93	-·30	43	42	0	NW	4	bc	*	o	*	52	40	0·16
	Sumburgh Head	29·45	42	NW	3	o	29·49	+·12	42	40	- 2	NW	3	c	4	o	*	46	39	0·02
	Stornoway ...	29·57	45	W	6	c	29·51	+·15	42	41	+ 4	W	4	bc	5	c	6·2	48	35	0·20
	Wick	29·52	44	W	4	bc	29·55	+·17	45	42	+ 3	W	3	b	2	ph, bc	*	50	36	0·03
	Nairn	29·61	45	W	2	c	29·59	+·15	45	43	+ 6	NW	1	b	1	c	*	50	30	0·09
	Aberdeen ...	29·65	50	SW	2	b	29·63	+·07	47	41	+ 4	SSW	2	b	1	b	8·2	54	37	-
British Islands.	Leith	29·75	47	W	3	b	29·69	+·06	45	40	+ 1	NW	2	o	*	b	*	52	39	0·01
	Shields	29·78	48	W	4	bc	29·74	-·03	48	45	+ 3	SW	3	c	2	tlr.bc	*	50	37	0·35
	Spurn Head ...	29·88	45	W	5	b	29·86	-·07	45	45	- 2	SW	3	o	3	r.b	*	53	41	0·18
	York	29·90	47	W	4	b	29·84	-·02	45	42	0	S	1	o	*	r,b	5·1	52	40	0·09
	Loughborough ...	29·98	48	W	3	bc	29·89	-·14	47	46	0	S	1	omdp	*	q, tlrh	*	54	41	0·59
	Ardrossan ...	29·77	47	SW	3	bc	29·66	+·05	45	45	+ 2	SW	3	o	2	hp, bc	*	50	40	0·05
	Malin Head ...	29·76	45	NW	6	cqr	29·63	+·02	42	42	- 2	NW	4	oqr	4	bc, rq	*	47	39	0·10
	Belmullet ...	29·88	45	NW	5	or	29·67	-·12	46	46	+ 1	SSW	2	or	*	bc, or	*	49	37	0·17
	Donaghadee ...	29·87	48	NW	5	bc	29·72	·00	44	44	+ 1	SSW	4	o	2	p.bc	*	52	35	0·15
	Liverpool (Bidston)	29·96	48	W	3	b	29·79	-·08	45	44	- 3	SSE	1	r	2	r.b	*	50	41	0·25
	Holyhead ...	29·97	47	SW	3	c	29·76	-·10	47	47	0	SSW	3	rf	2	c	*	51	43	0·22
	Parsonstown ...	29·97	48	W	1	o	29·75	-·09	49	48	+ 1	E	0	or	*	b, or	7·1	52	41	0·26
	Valencia ...	30·08	50	SW	4	qmr	29·79	-·20	52	51	+ 3	SW	6	qmr	6	c.mqr	3·0	52	47	0·30
	Roche's Point ..	30·06	52	W	5	o	29·84	-·14	50	50	0	NW	5	p	4	o	*	54	48	0·15
	Pembroke (St. Ann's Hd.)	30·01	47	W	5	o	29·86	-·15	49	49	+ 1	W	8	oqa	5	c, o	2·6	50	43	0·22
	Scilly	30·19	51	NW	6	c	30·07	-·13	51	50	+ 1	NW	6	om	5	c	2·1	55	44	0·02
	Prawle Point ...	30·16	48	NW	7	o	30·06	-·18	49	49	+ 1	NW	6	op	5	o, p	*	53	36	0·14
	Jersey (St. Aubin's)	30·29	51	NW	6	oqmr	30·17	-·18	52	52	+ 2	W	6	am	5	o, qmr	*	53	48	0·08
	Hurst Castle ...	30·22	49	SW	5	c	30·02	-·20	50	49	+ 1	NW	5	om	3	c	*	50	49	0·24
	Dungeness ...	30·05	49	NW	7	op	29·99	-·25	49	49	+ 1	SW	6	o	5	o, q, p	*	51	47	0·11
	North Foreland	30·07	50	SW	4	o	29·99	-·25	50	49	+ 1	SW	4	o	3	o	*	51	44	0·23
	London (Brixton) ...	30·04	51	W	3	c	29·98	-·23	50	49	0	SW	2	or	*	gpt, bc, or	1·4	57	45	0·18
	Oxford	30·08	45	SW	3	c	29·93	-·19	49	48	+ 1	SSW	2	r	*	r.c	*	54	44	0·16
	Cambridge ...	30·01	47	SW	2	b	29·94	-·18	48	48	0	SSW	1	r	*	c, q, pt	2·1	55	40	0·23
	Yarmouth ...	29·94	44	NW	5	c	29·93	-·19	45	44	- 3	S	3	cq	3	c	*	53	40	0·11
Germany & Holland.	Cuxhaven ...	30·12	52	SSW	4	c	30·00	-·29	44	44	0	SW	3	bc	*	c.r	*	54	32	0·08
	Berlin	30·31	50	SE	3	b	30·15	-·26	48	44	+ 6	SSW	4	c	*	b	*	55	39	-
	Wiesbaden ...	*	*	*	*	*	30·23	-·19	50	47	+ 9	SW	1	o	*	*	*	57	41	-
	Munich... ..	30·38	41	E	4	o	30·36	-·07	43	41	+ 4	SW	3	b	*	o	*	48	34	0·08
	The Helder ...	29·95	47	SW	7	r	29·98	-·24	47	45	+ 1	SW	3	c	2	r	*	52	45	0·24
Belgium.	Brussels ...	*	*	*	*	*	30·12	-·35	46	45	0	SW	5	r	*	r	*	56	45	0·16
	Cape Gris Nez...	30·06	48	NW	7	r	30·00	-·25	48	48	+ 1	SW	6	r	6	r	*	50	45	0·43
	Paris	30·32	53	W	2	o	30·31	-·13	48	47	+ 1	SW	3	r	*	o	*	59	41	-
	Brest	30·34	51	NW	4	o	30·25	-·11	51	49	+ 1	NW	4	f	4	o	*	52	46	0·04
	Lorient... ...	30·42	52	W	5	o	30·29	-·12	51	51	+ 1	W	5	r	5	o	*	55	?	-
France &	Rochefort ...	30·47	54	NW	4	c	30·41	-·09	53	51	+ 3	W	3	c	*	c	*	61	50	-
	Belfort	30·29	51	E	1	bc	30·34	-·07	43	40	+ 5	NW	1	bc	*	bc	*	57	37	-
	Lyons	30·35	51	N	2	b	30·39	+·01	48	45	+ 4	NNW	2	b	*	b	*	57	44	-
	Nice	30·01	56	E	0	c	30·17	+·21	52	47	+ 1	E	0	b	1	c	*	66	46	0·04
	Perpignan ...	30·30	57	NW	4	b	30·36	·00	52	45	+ 1	NW	3	b	*	b	*	61	48	-
	Biarritz ...	30·47	54	NNW	3	bc	30·46	-·04	50	47	+ 2	S	3	c	3	bc	*	59	46	
Penin-sula.	Corunna ...																*			
	Lisbon	30·36	57	NNW	4	b	30·32	-·06	61	50	+ 3	NE	3	b	*	b	*	72	52	-
	Azores (P. Delgada)	30·44	60	ESE	4	o	30·38	-·11	60	57	+ 1	S	3	c	3	o	*	66	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 now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 5·9 hrs;

WEATHER CHARTS

FOR Saturday, 17th April, 1897.

BAROMETER, WIND AND SEA.

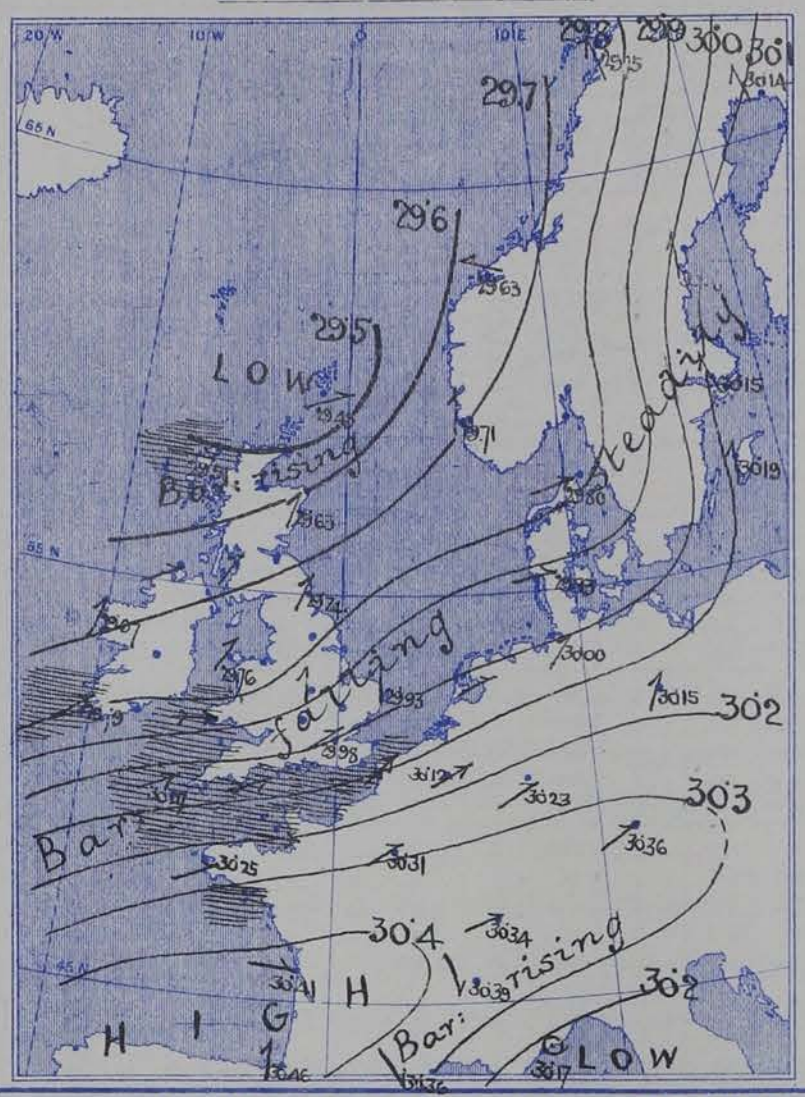
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

Force 8 to 10 ⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ; High

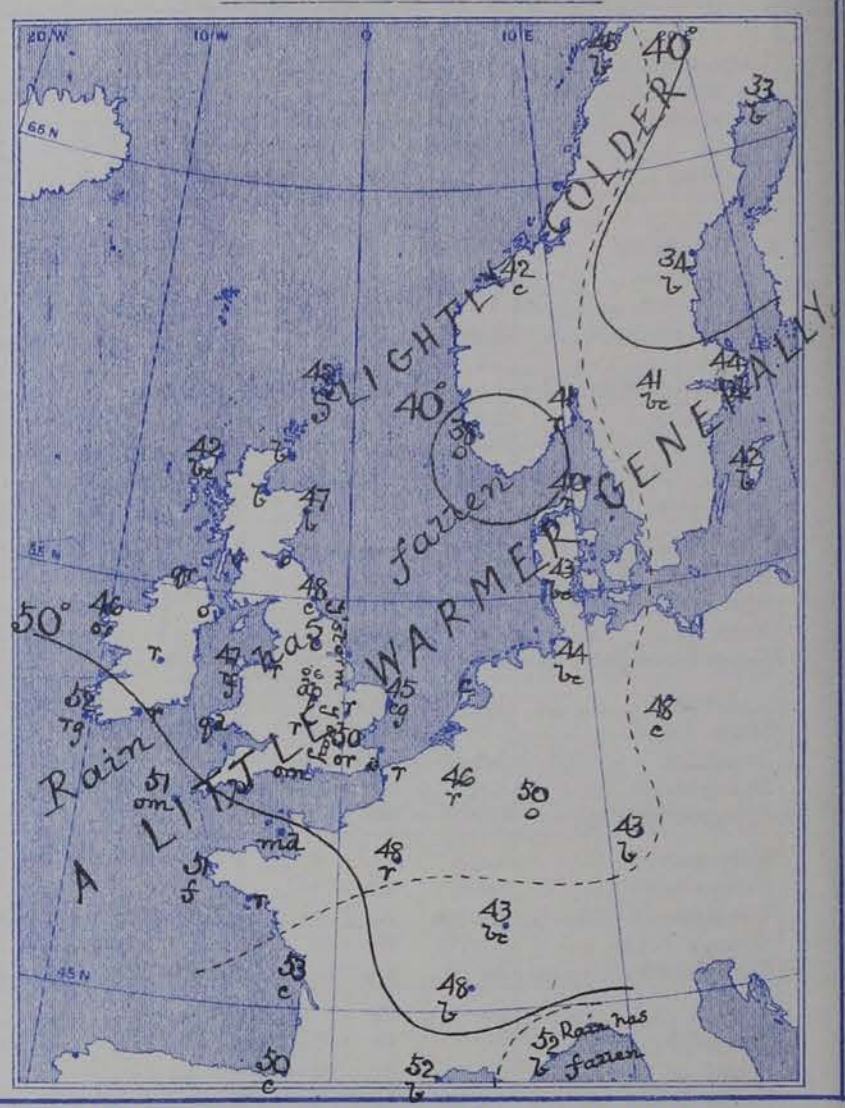


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 · 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 · 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 in: and over to 30·1 in: over France and South Germany, and exceeding 30·1 in: over North Germany, the Baltic and Gulf of Bothnia.
Lowest, Below 29·5 in: over the Shetland Islands and off the north of Scotland.
Gradients moderate and mainly favourable for SW^{ly} to W^{ly} winds over our Islands, the Channel, and the Netherlands.
Barometer rising in the north of Scotland, falling over all the more southern districts.

TEMPERATURE

Highest, 50° to 53° on the west coast of France, 52° to 49° over our south-western and southern counties, and above 45° over the greater part of Scotland.
Lowest, 33° at Haparanda, 34° at Haparanda, 38° at Haparanda, 40° at the Scaw.
The thermometer rose during yesterday to between 50° and 55° over the greater part of our Islands, and touched 57° in London, 59° at Paris, and 66° at Nice.

WIND

Strong from between SW. and W. on our western coasts, fresh from SW. in the south-east, moderate from S. over our midland and north-eastern counties, strong from SSE. in the south of Norway.
It blew strongly from the W^{nw} over all our southern districts yesterday morning, and very strongly on the Welsh coasts early this morning.

WEATHER

Fine over Norway and Scotland; very dull and unsettled and rainy over Ireland, England, the Channel, and the Netherlands.
Rain has fallen very generally over the United Kingdom, but not in large quantities. Thunder and lightning have occurred in many parts of England; halos were seen over our southern counties yesterday. Bright Sunshine was very considerable in the north and west yesterday, very slight in the south and south-east.

SEA

Rough in the south-east, south, and south-west, moderate in the north, slight to smooth in the east.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Changeable showery weather is still probable, but with bright intervals, and perhaps some fall of temperature.

FORECASTS

For the 24 hours ending at NOON on 18th APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	W^{ly} breezes; slight, showers, colder.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	W^{ly} breezes; rainy, unsettled; then fairer and colder.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos 0 to 2
7	ENGLAND N.W.	
8	ENGLAND S.W.	Same as Nos 3 to 5
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 ...	29.84	41	40	S	9	of	6
Sumburgh Head	29.82	46	42	NNW	4	c	6
Stornoway	29.87	48	45	N	6	bc	7
Aberdeen							
Shields							
Ardrossan	29.72	50	48	NNW	3	bc	3
Malin Head ...	29.74	46	44	NNW	5	bc	4
Belmullet	29.90	49	46	N	6	bc	*
Holyhead	29.92	49	46	NW	5	bcp	4

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	30.31	53	49	NNW	6	o	4
Hurst Castle ...	30.15	50	49	SW	6	op	4
Dungeness ...	30.13	49	47	SW	6	o	5
North Foreland	30.12	50	49	SW	6	o	5
London (Westminster)							*
Yarmouth ...							
Rochefort ...	30.42	60	57	NW	4	c	*

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

Weather in morning fine and bright over Russia and also over many parts of southwestern Europe, the Netherlands, and the extreme east of England; overcast and showery over the British Islands as a whole, with sleet at Nairn; very rainy over Austria and the southeast of France, and unsettled over the Mediterranean generally. Rain falling later over the whole of northwestern Europe, thunderstorms occurring over the northeastern and eastern parts of England, and both solar and lunar halos seen over the southern parts of our Islands.

Temperature falling over the greater part of western and central Europe, changing little and fitfully over the British Islands. Morning readings highest 63° at Patras, 60° at Malta; 59° at Algiers and Barcelona, 58° at Lisbon, 50° along the west coast of France, at Jersey, and at several stations in the south of our Islands. Lowest 23° at Archangel, 30° at Moscow, 34° at Haparanda, 37° at the Scaw, 39° at Nairn. Rising later to between 50° and 55° over the greater part of the United Kingdom, to 57° in London and at Wiesbaden, to 59° at Paris, 61° at Rochefort, and 66° at Nice.

Wind (1) light and anticyclonic over Spain, central Europe, and Russia; (2) W. to S. and strong over the British Islands and North Sea, S., a gale, at Rudesnaes, and E., moderate, in the northwest of Norway; (3) a well-defined cyclonic circulation prevailing over the Mediterranean and the northern parts of the Adriatic. Wind moderating over the United Kingdom later, but tending to back again in the far west.

Barometer highest 30·5 in: and more to 30·3 ins. (1) in an anticyclone lying over Russia; (2) in a similar system over the Bay of Biscay and Spanish Peninsula, and stretching eastwards as a ridge over the central parts of France and Germany. Lowest (1) 29·4 in: and less, over the Shetlands and north of Scotland, (gradients being steep over the British Islands) (2) Below 30·0 in: over the northern parts of Scandinavia. Very unsteady over the United Kingdom later, rising over Continental Europe.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 18th April, 1897.

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 ...	30·05	31	NE	0	b	29·89	−·25	35	33	+2	NE	0	o	#	b	#	41	25	—
	Hernösand ...	29·91	31	S	2	b	29·79	−·29	35	34	+1	NE	0	f	#	b	#	45	30	—
	Stockholm ...	29·86	39	SSE	2	o	29·67	−·48	35	35	−9	E	2	f	#	o	#	48	32	—
	Wisby	29·91	40	SW	4	b	29·66	−·63	38	37	−4	SE	6	bc	#	b	#	52	39	—
	Karlstad ...	29·79	38	NE	0	b	29·60	−·32	37	36	−4	NNE	2	o	#	b	#	#	#	—
	Bodö																#			
	Christiansund ...	29·61	44	ESE	3	c	29·56	−·07	42	39	0	ESE	3	bc	3	c	#	46	39	—
	Skudesnaes ...	29·63	40	S	4	o	29·53	−·18	38	37	0	WNW	4	o	3	o	#	43	36	#
	Færder (Christiania Fjord)	29·73	40	SSW	4	m	29·53	−·22	37	36	−4	ENE	4	o	3	m	#	43	37	0·12
	Skagen (The Scaw)	29·77	41	SSE	1	bc	29·38	−·42	39	38	−1	ENE	5	r	1	bc	#	50	37	0·24
	Fanö	29·63	44	S	5	o	29·10	−·73	41	40	−2	W	8	o	#	o	#	54	41	0·08
	Sumburgh Head	29·44	44	SSW	2	o	29·53	+·04	41	38	−1	NW	4	b	5	o	#	47	38	0·04
	Stornoway ...	29·44	47	W	3	c	29·75	+·24	43	41	+1	NNW	3	bc	3	c	7·8	49	37	0·10
	Wick	29·43	43	W	2	bc	29·68	+·13	44	42	−1	NNW	4	bc	3	bc	#	52	35	—
	Nairn	29·48	45	W	2	bc	29·74	+·15	44	42	−1	W	1	c	1	bc	#	52	36	0·01
	Aberdeen ...	29·46	45	SW	3	cr	29·70	+·07	45	39	−2	NW	6	bcq	4	bc cr	9·4	54	37	0·01
British Isles.	Leith	29·50	45	WSW	1	o	29·79	+·10	51	45	+6	W	3	bc	#	o	#	53	37	0·03
	Shields	29·50	45	S	1	r	29·76	+·02	45	42	−3	W	3	b	2	r	#	49	38	0·21
	Spurn Head ...	29·52	50	WSW	5	o	29·78	−·08	45	43	0	WNW	5	c	4	r.o	#	51	41	0·25
	York	29·52	51	WSW	1	r	29·83	−·01	47	42	+2	W	3	bc	#	r	0·0	53	39	0·26
	Loughborough ...	29·63	51	SW	5	c	29·89	·00	44	41	−3	WNW	4	bcq	#	r.q.cpq	#	54	41	0·34
	Ardrossan ...	29·54	45	W	2	p	29·84	+·18	48	47	+3	W	3	b	2	p	#	48	40	0·10
	Malin Head ...	29·59	45	W	5	crq	29·91	+·28	46	45	+4	WNW	4	bcp	3	crq	#	47	41	0·05
	Belmullet ...	29·76	45	WNW	4	cpq	30·06	+·39	49	46	+3	WNW	2	bc	#	r. cpq	#	49	41	0·15
	Donaghadee ...	29·63	47	W	4	cp	29·92	+·20	46	44	+2	WNW	5	b	3	cp	#	49	38	0·14
	Liverpool (Bidston)	29·60	48	WSW	6	r	29·90	+·11	46	42	+1	W	6	c	6	r	#	53	42	0·31
	Holyhead ...	29·65	48	WNW	4	cp	29·97	+·21	48	45	+1	WNW	5	b	4	grqp.cp	#	52	41	0·08
	Parsonstown ...	29·76	48	W	3	o	30·05	+·30	47	43	−2	WNW	2	b	#	c.p.o	3·6	55	41	0·22
	Valencia ...	29·89	50	WNW	5	bc	30·16	+·37	48	44	−4	WNW	3	o	3	bc	2·0	53	45	0·17
	Roche's Point ..	29·82	52	NW	5	b	30·14	+·30	48	45	−2	W	3	b	4	b	#	55	44	0·10
	Pembroke (St. Ann's Hd.)	29·77	49	WNW	6	o	30·07	+·21	46	45	−3	NW	5	b	5	o	0·0	49	43	0·24
	Scilly	29·94	51	WSW	7	r	30·14	+·07	51	48	0	NNW	5	c	4	r	0·0	54	47	0·13
	Prawle Point ...	29·88	49	WSW	7	r	30·11	+·05	48	45	−1	WNW	3	c	4	rq.c	#	49	41	0·22
	Jersey (St. Aubin's)	30·10	52	WSW	7	ogw	30·13	−·04	51	47	−1	W	6	bcm	5	og.r	#	55	46	0·25
	Hurst Castle ...	29·89	50	SW	6	cm	30·03	+·01	48	45	−2	WNW	5	bc	3	cm	#	51	43	0·10
	Dungeness ...	29·84	49	SW	8	r	29·94	−·05	49	45	0	NW	4	b	3	r	#	50	41	0·05
	North Foreland	29·84	52	SW	6	o	29·92	−·07	47	45	−3	NW	5	bc	4	o	#	55	44	0·05
	London (Brixton) ...	29·80	51	SW	4	o	29·94	−·04	48	45	−2	WNW	4	c	#	op.b	0·0	56	43	0·04
	Oxford	29·74	51	WSW	6	r	29·96	+·03	46	42	−3	W	3	bc	#	rq	#	54	40	0·15
	Cambridge ...	29·70	52	SW	5	r	29·91	−·03	47	43	−1	WNW	3	b	#	rq	0·0	56	39	0·17
	Yarmouth ...	29·66	52	WSW	5	rq	29·78	−·15	45	42	0	WNW	5	cq	4	rq	#	53	40	0·12
Germany & Holland.	Cuxhaven ...	29·84	46	S	3	r	?	?	46	44	+2	W	5	c	#	r	#	52	44	0·59
	Berlin	29·99	47	NE	0	r	29·65	−·50	51	48	+3	W	5	r	#	r	#	54	48	0·28
	Wiesbaden ...	#	#	#	#	#									#	#	#			
	Munich	30·22	49	W	3	c	30·02	−·34	51	46	+8	SW	6	o	#	c	#	57	43	—
	The Helder ...	29·68	48	SW	4	r	29·71	−·27	45	42	−2	WNW	6	o	3	r	#	50	43	0·35
Belgium.	Brussels ...	#	#	#	#	#	29·88	−·24	47	43	+1	WNW	4	c	#	o	#	53	44	0·35
	Cape Gris Nez ...	29·86	50	W	7	o	29·88	−·12	47	43	−1	NW	5	bc	5	o	#	50	43	0·35
	Paris	30·12	57	SW	4	c	30·00	−·31	51	50	+3	W	4	c	#	c	#	58	48	—
	Brest	30·15	52	WSW	4	o	30·17	−·08	50	48	−1	NW	3	c	3	o	#	52	45	—
	Lorient	30·20	51	W	5	f	30·14	−·15	49	48	−2	NNW	4	c	5	f	#	55	45	—
France &	Rochefort ...	30·37	54	W	4	o	30·25	−·16	52	52	−1	W	4	c	#	o	#	57	50	—
	Belfort	30·21	51	WSW	3	o	30·07	−·27	47	46	+4	SW	6	r	#	o	#	58	43	—
	Lyons	30·29	55	NNW	1	b	30·19	−·20	48	46	0	SSW	1	o	#	b	#	61	44	—
	Nice	30·19	55	W	5	b	30·10	−·07	54	49	+2	NE	0	c	0	b	#	66	48	—
	Perpignan ...	30·27	60	W	3	b	30·21	−·15	57	50	+5	NW	2	o	#	b	#	66	47	—
	Biarritz ...	30·34	55	N	3	b	30·26	−·20	54	53	+4	WSW	4	o	4	b	#	61	48	—
Peninsula.	Corunna ...	30·39	55	NW	3	b	30·37	−·08	55	50	+7	NW	1	o	5	b	#	57	48	—
	Lisbon	30·28	64	NNW	4	b	30·28	−·04	64	53	0	N	2	b	#	b	#	77	52	—
	Azores (P. Delgada)																#			

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

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

Bright Sunshine yesterday Southport 0·4hrs;

WEATHER CHARTS

FOR SUNDAY, 18TH APRIL, 1897.

BAROMETER, WIND AND SEA.

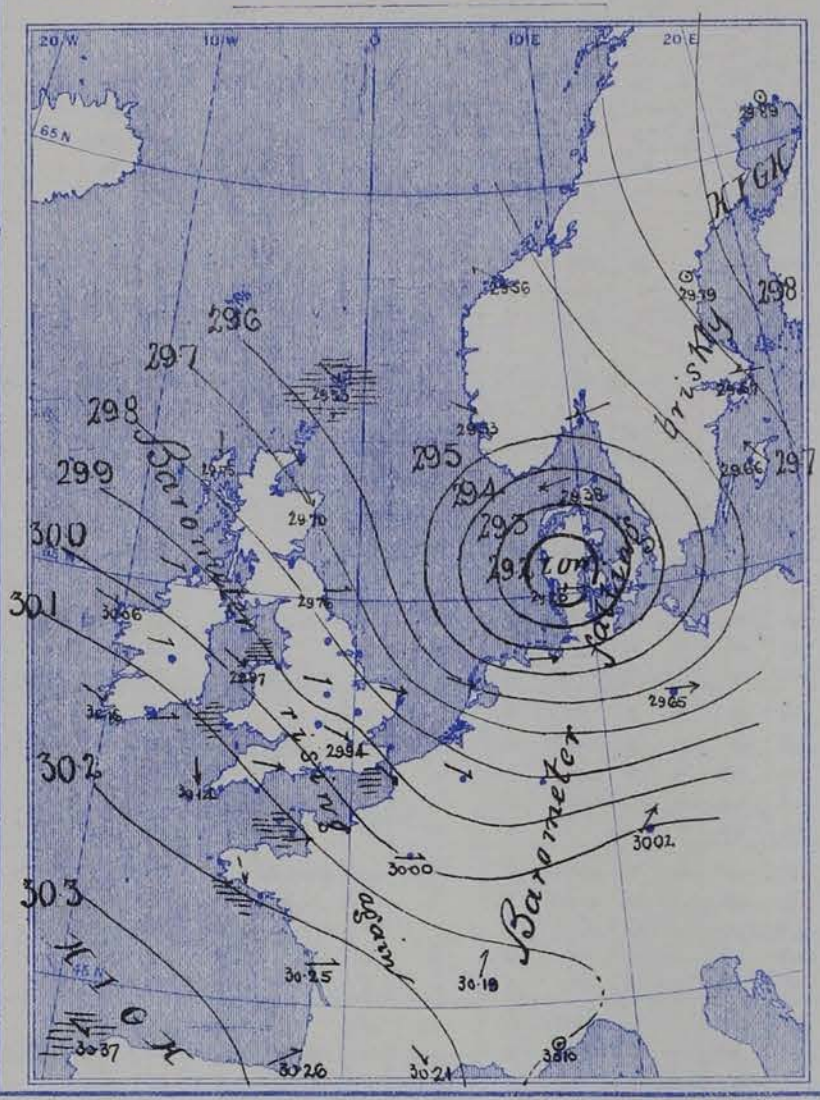
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

Force 8 to 10 ⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▤ ; High ▩

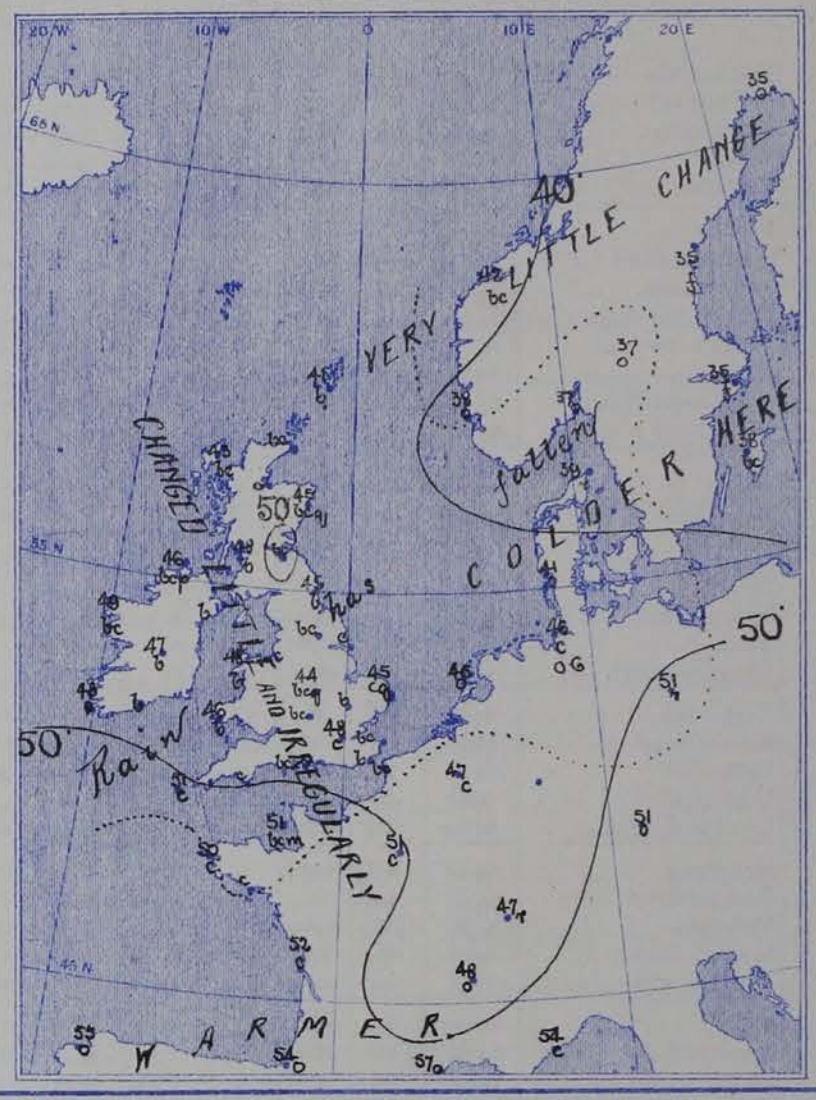


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·860	42·1	40·4	46·2	36·9	54	1893, 94, 95	22	1895	1·95	—	—
Stornoway	29·845	43·8	42·3	49·2	37·1	67	1893	20	1881	2·49	159·0	37
Wick	29·866	43·3	41·3	49·3	37·0	69	1875	23	1892	1·63	—	—
Nairn	29·868	43·0	40·7	51·4	36·9	72	1875	21	1892	1·21	—	—
Aberdeen	29·885	43·5	40·8	49·6	38·0	72	1892	23	1881, 92	1·96	154·0	36
Leith	29·887	44·2	41·8	52·2	37·9	75	1875	23	1881	1·46	—	—
Shields	29·891	43·6	41·4	49·3	38·4	71	1892	25	1892	1·65	—	—
Spurn Head	29 887	44·1	42·4	48·6	40·2	67*	1885	30*	1881, 89	1·35	—	—
York	29·901	43·7	41·6	54·0	37·5	78	1893	22	1881, 91	1·68	139·4	33
Loughborough	29·905	44·1	41·8	55·7	37·7	81*	1893	23*	1891, 92	1·71	—	—
Ardrossan	29·879	44·6	42·4	51·7	39·4	73	1874	26	1892	2·03	—	—
Malin Head	29·855	44·2	42·2	50·1	41·7	—	—	—	—	—	—	—
Belmullet	29·863	46·5	44·3	52·2	42·7	—	—	—	—	2·48	—	—
Donaghadee	29·883	44·8	43·1	51·2	40·5	64	1873, 74, 75	30	1876, 82, 95	1·86	—	—
Holyhead	29·880	46·0	44·0	51·7	42·0	75	1874, 93	31	1881, 92	1·86	—	—
Liverpool	29·892	45·2	42·2	53·0	40·4	75	1893	29	1881	1·54	—	—
Parsonstown	29·883	45·1	42·7	54·9	38·2	73	1893	21	1892	2·04	155·8	38
Valencia	29·871	48·4	45·9	54·3	43·0	70	1892	30	1879, 92	3·67	171·5	42
Roche's Point	29·873	47·0	44·7	53·8	42·4	72	1893	31	1892	3·06	—	—
Pembroke	29·875	45·4	43·7	50·7	42·0	70	1893	30	1879, 81	1·89	185·9	45
Scilly	29·872	48·8	46·8	52, 3	44·9	66	1893	32	1876	2·15	—	—
Prawle Point	29·890	46·6	44·9	52, 3	41·1	69*	1893	29*	1888	1·94	—	—
Jersey	29·893	48·8	46·1	54·7	43·7	84	1874	32	1871, 76, 92	2·01	196·3	48
Hurst Castle	29·893	45·8	44·4	52·8	41·3	74	1893	26	1887	1·72	—	—
Dover	29·884	46·4	44·1	51·4	41·4	69	1873	25	1892	1·61	—	—
LONDON	29·901	46·2	43·2	56·6	39·8	82	1893	27	1873, 84, 87, 92	1·70	113·9†	28†
Oxford	29 907	44·4	42·1	55·2	38·8	80	1893	23	1892	1·66	152·1	37
Cambridge	29·904	45·7	43·0	56·7	37·1	84	1893	21	1878	1·56	157·7	38
Yarmouth	29·894	44·7	43·0	49·2	40·0	72	1885	25	1878	1·63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, (1) 30·37 in: at Corunna and reading 30·0 in: over the Bay of Biscay, France, and all the southwestern parts of our Islands; (2) 29·8 in: and more over Finland and the Gulf of Bothnia.
Lowest, 29·2 in: and less, in a rather deep depression lying immediately over Denmark.
Gradients moderate over our Islands, steep over Denmark and the eastern parts of the North Sea.
Barometer rising fast over the British Islands, falling fast over Germany and the Baltic.

TEMPERATURE

Highest, 61° at Lisbon, 57° at Perpignan, 54° to 50° along the west coast of France, 51° at Hue, Jersey, and Scilly – also at Leith
Lowest, 35° at most of the Swedish stations, 38° at Thorshavn, 41° at Lerwick, Thad and Fanö.
The highest of the maxima recorded yesterday ranged from 53° to 56° over our Islands, and touched 57° at Wiesbaden, 58° at Paris, and 66° at Nice and Perpignan.

WIND

NW³ over our Islands generally, – moderate in force over the eastern part of the Kingdom, strong to fresh in the east and southeast.
In the south of Norway it is moderate from the E.S.E., while over Holstein and Germany it is W³, with a gale at Fanö.
Over the Bay of Biscay moderate from W.

WEATHER

Fair generally over the United Kingdom, but gusty over the eastern parts of England. Over the south of France, Germany, and Denmark it is dull and raining.
Showers have fallen in all parts of our Islands, the Netherlands, Germany, and Denmark; the largest amounts being 0·6 in: at Carthaven, and 0·3 in: or a little more in the Netherlands and at some of our own stations.

SEA

Rough on some parts of our northern, eastern, and southeastern coasts, moderate as a whole elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 19th APRIL 1897.

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.
Sandesnaes ...	29.71	44	42	S	4	bc	4
Sumburgh Head	29.49	44	40	SSW	3	bc	4
Stornoway	29.45	47	43	WSW	4	o	5
Aberdeen	29.52	52	45	S	3	bc	2
Shields	29.59	47	45	SSW	3	r	2
Ardrossan	29.53	45	45	WSW	2	c	1
Malin Head ...	29.67	44	44	S	4	crq	3
Belmullet	29.70	48	46	WNW	4	or	*
Holyhead	29.60	50	49	SW	6	ogmp	4
Valencia	29.80	52	50	WNW	5	o	6
Scilly	30.01	53	52	SW	6	o	5
Jersey	30.14	54	52	WNW	6	cm	5
Hurst Castle ...	29.98	50	49	SW	6	om	3
Dungeness ...	29.93	49	49	WSW	6	dq	5
North Foreland	29.91	53	51	SW	6	o	5
London (Westminster)	29.87	56	52	WSW	3	cdp	*
Yarmouth ...	29.75	53	52	SW	4	org	3
Rochefort ...	30.35	55	54	W	4	o	*

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

Weather in morning dull and rainy in most parts of Ireland, England, the Netherlands and north of France, as well in the south of Norway and the north of Denmark. Fine over the northern parts of Scotland, and also in Sweden, Russia and Germany; dull in Italy, with rain at Rome and Palermo, as well as at Malta; fine in the south of France and on the coasts of the Spanish peninsula. Rain falling later over nearly the whole of our Islands and their immediate neighbourhood, but amounts mostly slight.

Temperature risen in most countries. Morning readings highest 62° at Lesina, 61° at Lisbon, 60° at Algiers, and 59° at Brindisi; above 50° over S^th. Europe generally. Lowest 29° at Archangel, 32° at Helsingfors, 33° at Haparanda, 34° at Hernösand, and 35° at Moscow, Kiev and Kharkov, below 40° over Russia and the northern parts of Sweden generally. Rising during day to between 50° and 55° over the United Kingdom generally, and reaching 56° in London and at Cambridge. Exceeding 65° in the extreme south of France, and rising to 77° at Lisbon.

Wind SW. or W. over our Islands, Denmark, the Netherlands, Germany and the northern parts of France; strong in force on our own southern coasts, with a gale at Pembroke. Moderate to strong from the S^wd. or SE^wd. over Scandinavia and northern Russia. Light from the N^wd. over the greater part of S^th. Europe; but rather variable in the south of France. Subsequently veering to the NW^wd. on some parts of our western coasts; no important change occurring elsewhere.

Barometer highest 30.4 ins. and upwards over the SW. of France and the N^rn. parts of the Spanish peninsula; 30.3 ins. to 30.2 ins. over Russia. Lowest 29.5 ins. and less in a large depression lying off the N. of Scotland. Secondary disturbances appearing later over the N^rn. and NE^rn. parts of the United Kingdom, and afterwards passing away across the North Sea; barometer rising again on our extreme W^rn. coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Monday, 19th April, 1897.

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 ...	29.73	35	SW	0	c	29.65	-.24	38	33	+3	NE	2	bc	#	c	#	46	21	-
	Hernösand ...	29.68	35	SW	0	b	29.59	-.20	37	34	+2	N	2	c	#	b	#	46	28	-
	Stockholm ...	29.39	36	E	6	r	29.24	-.43	35	35	0	NE	2	f	#	r	#	41	32	0.51
	Wisby	29.34	40	SE	4	c	29.18	-.48	38	37	0	SSW	4	r	#	c	#	41	28	0.04
	Karlstad ...	29.43	34	NNE	6	s	29.38	-.22	35	34	-2	N	6	r	#	s	#	#	#	0.47
	Bodö	29.72	41	SE	4	b	29.68		42	36		ESE	2	b	1	b	#	45	36	-
	Christiansund ...	29.57	44	NE	2	bc	29.65	+.09	43	40	+1	WSW	2	o	3	bc	#	46	41	-
	Skudesnaes ...	29.65	39	NNW	8	r	29.69	+.16	39	37	+1	NNW	6	o	2	b,r	#	45	36	#
	Færder (Christiania Fjord)	29.49	40	N	5	o	29.51	-.02	40	37	+3	NNW	6	o	3	o	#	40	37	0.55
	Skagen (The Scaw)	29.44	38	NE	6	r	29.49	+.11	39	37	o	NNW	5	c	1	r	#	39	36	0.47
	Fanö	29.63	41	NW	6	bc	29.70	+.50	41	38	o	NW	6	bc	#	bc	#	45	37	-
British Islands.	Sumburgh Head	29.71	44	NW	4	b	29.68	+.15	43	40	+2	S	1	c	3	b	#	46	35	-
	Stornoway ...	29.85	45	WNW	3	o	29.60	-.15	45	43	+2	SW	4	o	5	bc,o	#	50	40	0.06
	Wick	29.81	45	NW	6	c	29.66	-.02	45	44	+1	SW	2	o	2	c	#	50	36	0.05
	Nairn	29.84	47	WSW	1	bc	29.65	-.09	48	46	+4	WSW	1	c	1	bc	#	52	39	-
	Aberdeen ...	29.86	47	NNW	3	bcp	29.72	+.02	46	42	+1	SW	1	og	1	bc,p	11.7	53	36	0.05
	Leith	29.89	52	W	3	b	29.74	-.05	47	43	-4	SW	2	o	#	b	#	60	44	-
	Shields	29.91	49	NW	1	c	29.79	+.03	46	44	+1	WSW	2	c	2	cp	#	52	37	-
	Spurn Head ...	29.97	45	SSE	2	cp	29.85	+.07	46	45	+1	W	3	c	2	cp	#	50	42	0.04
	York	29.97	53	W	3	b	29.86	+.03	46	44	-1	WSW	2	c	#	b	12.5	56	41	-
	Loughborough ...	30.04	52	WNW	3	b	29.89	.00	47	44	+3	W	1	c	#	bc,c	#	56	43	-
	Ardrossan ...	29.95	48	W	4	b	29.72	-.12	45	45	-3	S	3	o	2	b	#	53	44	-
	Malin Head ...	29.97	47	W	4	cm	29.67	-.24	45	44	-1	S	4	ogm	2	bc,cm	#	49	42	-
	Belmullet ...	30.06	49	WSW	3	o	29.71	-.35	48	47	-1	WSW	3	o	#	c,o	#	52	43	0.10
	Donaghadee ...	30.02	49	NW	3	c	29.79	-.13	45	43	-1	WSW	3	o	1	c	#	55	38	0.07
	Liverpool (Bidston)	30.04	49	W	3	?	29.85	-.05	47	44	+1	WSW	1	o	1	bc	#	52	44	-
	Holyhead ...	30.07	49	SW	3	c	29.85	-.12	46	45	-2	SSW	2	om	1	c	#	53	44	-
	Parsonstown ...	30.09	50	SW	2	o	29.82	-.23	45	42	-2	S	1	o	#	c,o	6.9	54	42	-
	Valencia ...	30.14	50	SW	2	o	29.83	-.33	49	47	+1	SW	2	og	3	c,o	3.5	52	44	-
	Roche's Point ..	30.15	52	NNW	2	c	29.86	-.28	49	46	+1	SW	2	c	3	c	#	54	45	-
	Pembroke (St. Ann's Hd.)	30.18	48	NW	5	b	29.88	-.19	46	45	o	SW	3	og	4	b	11.5	51	45	-
	Scilly	30.22	51	NNW	2	c	29.83	-.31	48	48	-3	SE	5	rm	4	c	11.3	54	45	0.14
	Prawle Point ...	30.17	49	N	4	bc	29.93	-.18	46	43	-2	SSW	3	ou	3	c	#	53	41	-
	Jersey (St. Aubin's)	30.18	51	W	4	b	29.99	-.14	49	46	-2	SSW	5	om	4	b	#	54	39	-
	Hurst Castle ...	30.11	54	NNW	3	bc	29.96	-.07	48	46	o	SW	1	c	1	bc	#	57	41	-
	Dungeness ...	30.04	55	W	3	c	29.94	.00	48	46	-1	W	3	bc	2	c	#	57	39	-
	North Foreland	30.03	52	NW	4	b	29.97	+.05	50	46	+3	W	3	c	2	bc,b	#	55	41	-
	London (Brixton) ...	30.06	55	NW	2	bc	29.94	.00	48	44	o	SW	2	c	#	bc,b	12.0	59	40	-
	Oxford	30.10	49	N	2	b	29.93	-.03	43	42	-3	S	1	omw	#	b	#	57	39	-
	Cambridge ...	30.04	54	NW	3	b	29.91	.00	46	44	-1	SW	2	o	#	b	13.0	57	37	-
	Yarmouth ...	29.97	48	NNW	3	c	29.87	+.09	47	44	+2	W	3	c	3	c	#	52	39	0.02
Germany & Holland.	Cuxhaven ...	29.69	43	NW	5	o	29.78	?	44	44	-2	W	4	o	#	o	#	46	39	0.04
	Berlin	29.86	43	W	4	bc	29.80	+.15	41	40	-10	WSW	6	c	#	bc	#	54	39	-
	Wiesbaden ...	#	#	#	#	#	30.03		43	41		W	2	bc	#	#	#	55	37	0.20
	Munich	30.05	37	W	6	r	30.08	+.06	41	38	-10	W	6	b	#	r	#	57	36	0.28
	The Helder ...	29.95	45	NW	4	bc	29.86	+.15	46	44	+1	W	3	c	2	bc	#	46	43	-
Belgium.	Brussels ...	#	#	#	#	#	29.99	+.11	43	42	-4	SW	2	o	#	c	#	51	39	0.04
	Cape Gris Nez ...	30.02	49	WSW	4	c	29.95	+.07	47	45	o	W	1	c	1	c	#	52	41	-
	Paris	30.15	52	NNW	4	o	30.08	+.08	42	41	-9	SW	2	b	#	b	#	58	35	-
	Brest	30.23	51	NW	1	b	29.97	-.20	48	46	-2	S	3	r	3	b	#	52	43	-
	Lorient	30.23	51	NNW	4	c	30.02	-.12	48	46	-1	SW	3	c	2	c	#	59	43	-
France &	Rochefort ...	30.24	54	NW	4	b	30.06	-.19	51	47	-1	W	2	o	#	b	#	59	46	-
	Belfort	30.04	49	W	6	b	30.08	+.01	40	36	-7	S	1	m	#	b	#	54	31	0.04
	Lyons	30.15	50	NW	2	o	30.10	-.09	46	42	-2	N	1	b	#	o	#	63	41	0.16
	Nice	29.90	54	SW	1	bc	29.89	-.21	52	49	-2	E	1	b	1	bc	#	64	46	-
	Perpignan ...	30.12	65	NW	3	b	30.09	-.12	56	50	-1	NE	1	o	#	b	#	74	47	-
	Biarritz ...	30.25	55	W	3	o	30.05	-.21	53	51	-1	S	3	o	3	o	#	63	52	-
Penin-sula.	Corunna ...	30.31	56	NW	4	bc	30.19	-.18	54	52	-1	N	1	f	3	bc	#	57	50	-
	Lisbon	30.24	55	NNW	5	b	30.19	-.09	55	51	-6	NNW	5	o	#	b	#	73	52	-
	Azores (P. Delgada)	30.40	58	N	0	b	30.41		59	56		NNE	2	o	2	b	#	66	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 now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 10.4 hrs;

WEATHER CHARTS

FOR Mondays 19th April, 1897.

BAROMETER, WIND AND SEA.

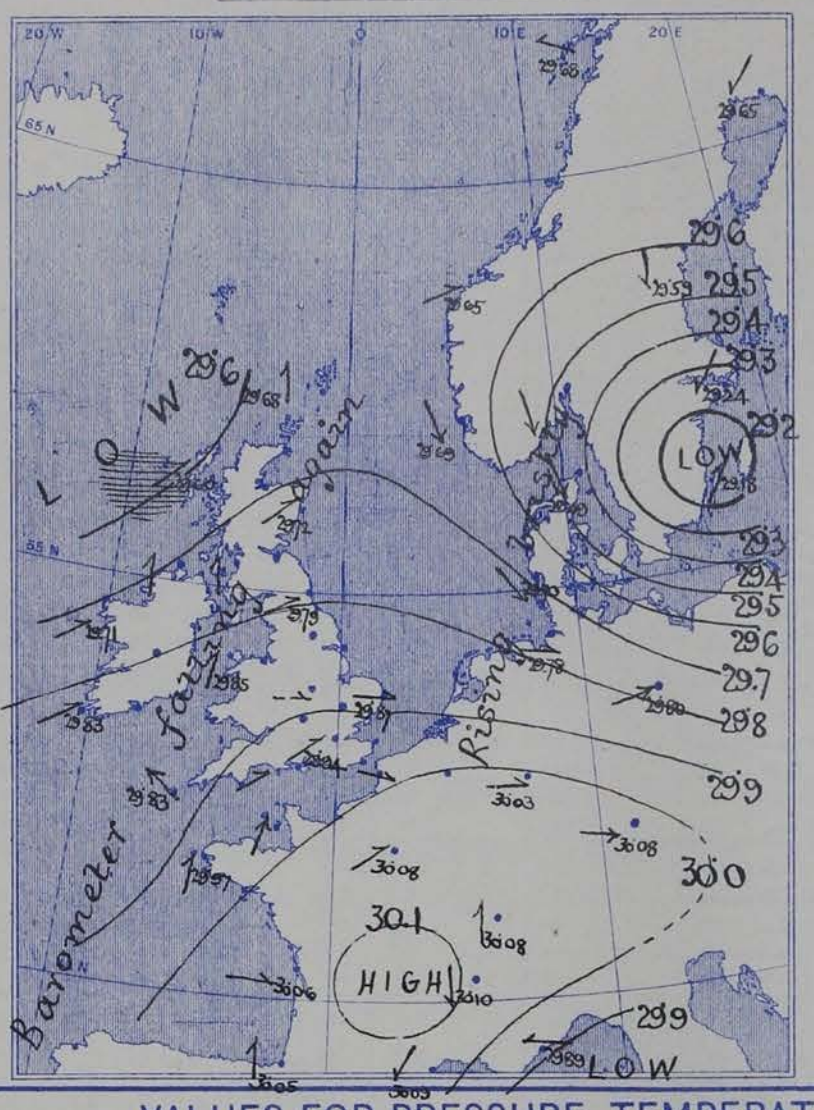
BAROMETER –*Isobars are drawn for each tenth of an inch.*

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

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

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

SEA—Rough ▒ ; *High* ▓

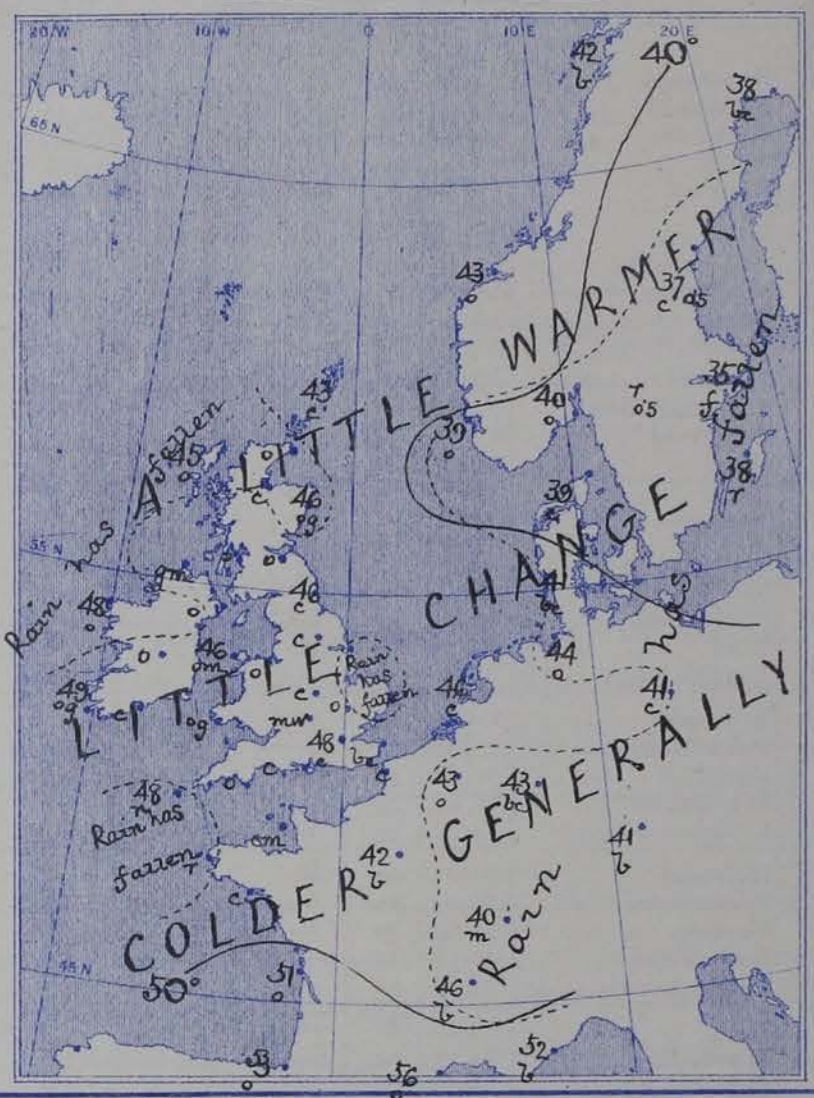


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 · 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 · 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·0 in: and upwards, in a large anticyclone lying over the Spanish Peninsula, France, and South Germany.
Lowest, 29·2 in: and less, in a well marked depression lying over the northern part of the Baltic; 29·6 in: and less, in a shallow system off the northwest of Scotland.
Gradients slight generally, but moderate over Denmark, the Baltic and the south of Sweden.
Barometer rising in Norway, Denmark, and Germany, but falling elsewhere, — briskly at the mouth of the Channel.

TEMPERATURE

Highest, 56° at Perpignan, 53° at Biarritz, 52° at Nice, 51° at Rochefort, 50° at the Naze Foreland, and 49° at Valencia, Rodiel Point, and Jersey.
Lowest, 35° at Stockholm and Karlstad, 37° at Hernösand, 38° at Haparanda and Wisby, and 39° at Skagen and Skudenaes.
During yesterday the thermometer rose to 55° and upwards in many parts of Great Britain and to 60° at Leith.

WIND

Light to moderate from the SW. or W. over the greater part of our Islands, the Netherlands, Germany, and the north of France, but fresh from the SE. at Riely.
Strong from the NW. in Denmark and the south of Norway; light from the E. or NE. over the northern parts of Scandinavia and also in the south of France.

WEATHER

Cloudy or dull over Western Europe as a whole, with rain at the mouth of the English Channel and also in the south of Sweden. A Solar halo is reported in London.
Fine over Germany and Central France, as well as in the north of Scandinavia.
Showers fell yesterday at several of our more northern stations, and larger quantities of rain in Sweden and Denmark. A lunar halo was seen at Hunt Castle.

SEA

Slight or smooth generally, but rather rough at Stornoway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A small secondary depression is approaching the mouth of the Channel, and unsettled rainy weather is likely to set in again shortly over the south of England.

FORECASTS

For the 24 hours ending at NOON on 20th APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SW. to W. winds, moderate; cloudy, some showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	W. to S. winds, light or moderate; fair at first, some rain later.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	S. winds, freshening; fair at first then dull and rainy.
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos 0 and 1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S. to W. or NW. winds, strong in places; rainy at first, but improving later.
9	IRELAND NORTH	Same as Nos 0 and 1.
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to 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 ...	29·57	45	42	NW	4	b	?
Sumburgh Head							
Stornoway	29·83	49	44	W	4	bc	4
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29·99	49	47	W	4	bc	2
Belmullet	30·11	52	49	W	3	c	*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	30·19	54	48	WNW	5	b	4
Hurst Castle ...							
Dungeness ...	30·02	54	45	NW	4	c	3
North Foreland	30·01	52	48	NW	5	bc	4
London (Westminster)							*
Yarmouth ...							
Rochefort ...	30·20	58	60	WNW	5	o	*

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

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 11TH TO THE 17TH APRIL 1897.

The weather of this week has again been of a changeable showery type, with winds varying from SE to SW. and W. in direction and from a light breeze to a gale in force — the SE gales experienced on the east coast of Scotland on Tuesday having been strong and accompanied by heavy rain. Temperature has varied a good deal — the maxima having been as high as 55° to 63° over the inland parts of England on Tuesday, while early on Thursday morning there was a well defined frost over the same regions; on several occasions when the thermometer had risen to between 50° and 55° during the day the air has been dry and very unpleasant. Hail and sleet fell very generally on Wednesday, thunderstorms occurred in many parts of England on Thursday, and up to the close of the week showers were still falling in many places.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 20th April, 1897.

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 ...	29.67	33	SE	0	b	29.70	+ .05	36	32	— 2	ENE	4	c	#	b	#	48	28	—
	Hernösand ...	29.39	37	NW	6	0	29.50	— .09	34	34	— 3	N	2	s	#	0	#	46	30	0.16
	Stockholm ...	29.26	34	NNE	2	r	29.31	+ .07	35	34	0	NNE	2	r	#	r	#	39	32	0.12
	Wisby	29.28	34	W	4	r	29.30	+ .12	34	34	— 4	NW	4	r	#	r	#	39	30	0.20
	Karlstad ...	29.43	38	NNW	4	0	29.42	+ .04	40	36	+ 5	NNE	4	c	#	0.r	#	#	#	0.08
	Bodö	29.64	43	SE	0	b	29.67	— .01	41	36	— 1	E	2	0	1	b	#	45	36	—
	Christiansund ...	29.65	43	SW	2	b	29.64	— .01	41	39	— 2	SSW	1	b	3	b	#	45	36	—
	Skudesnaes ...	29.63	39	NNW	2	b	29.59	— .10	39	37	0	NNW	4	bc	2	c.b	#	45	34	#
	Færder (Christiania Fjord)	29.52	43	N	1	c	29.51	.00	41	36	+ 1	NNW	4	b	2	c	#	45	39	—
	Skagen (The Scaw)	29.54	40	NNW	1	b	29.50	+ .01	41	38	+ 2	N	2	b	0	b	#	46	37	—
	Fanö	29.62	38	NW	2	c	29.56	— .14	40	36	— 1	NW	2	bc	#	c	#	48	37	—
	Sumburgh Head	29.55	44	SSE	1	0	29.59	— .09	43	42	0	ESE	2	0	4	0	#	46	40	0.01
	Stornoway ...	29.46	45	SW	3	0	29.54	— .06	42	41	— 3	NW	2	0	3	ow.0	0.0	47	35	0.02
	Wick	29.48	46	SW	2	bc	29.57	— .09	44	43	— 1	S	2	0	2	bc	#	48	41	0.03
	Nairn	29.48	47	SE	0	r	29.54	— .11	43	43	— 5	W	1	m	0	r	#	52	39	0.07
	Aberdeen ...	29.52	45	S	3	og	29.56	— .16	43	42	— 3	W	2	og	1	bc.og.r	1.0	52	40	0.01
	Leith	29.57	47	SW	1	r	29.55	— .19	43	42	— 4	SW	1	0	#	r	#	51	40	0.13
	Shields	29.58	47	SW	1	p	29.56	— .23	43	42	— 3	WNW	1	c	2	op	#	52	40	0.04
	Spurn Head ...	29.60	47	SSW	2	c	29.55	— .30	44	44	— 2	NW	3	op	3	c	#	52	42	—
	York	29.62	47	W	1	0	29.57	— .29	43	41	— 3	WNW	1	0	#	0	0.5	51	40	0.03
	Loughborough ...	29.64	49	SW	2	0	29.58	— .31	44	42	— 3	NW	2	c	#	c.or.op	#	57	42	0.08
British Islands.	Ardrossan ...	29.51	44	SSE	4	ow	29.55	— .17	45	45	0	SSE	2	0	2	ow	#	46	36	0.06
	Malin Head ...	29.53	46	WNW	5	bc	29.52	— .15	44	44	— 1	SSW	3	cp	2	o.bcp	#	47	40	0.21
	Belmullet ...	29.66	48	WNW	3	b	29.60	— .11	47	45	— 1	WSW	2	0	#	c.b	#	49	42	0.18
	Donaghadee ...	29.54	49	W	4	cp	29.60	— .19	44	43	— 1	W	3	c	1	c	#	50	35	0.11
	Liverpool (Bidston)	29.60	48	WSW	1	0	29.62	— .23	45	42	— 2	WNW	3	c	2	o.r	#	53	41	0.19
	Holyhead ...	29.54	44	SW	3	rgw	29.64	— .21	45	44	— 1	W	3	0	2	cp.rgw	#	50	40	0.21
	Parsonstown ...	29.64	44	WNW	3	c	29.65	— .17	45	42	0	W	1	0	#	c	1.7	56	36	0.16
	Valencia ...	29.75	48	W	6	bcp	29.64	— .19	47	46	— 2	S	2	rmg	3	o.bcp	3.5	51	44	0.06
	Roche's Point ...	29.69	51	NW	4	b	29.71	— .15	46	44	— 3	W	2	0	3	b	#	52	40	—
	Pembroke (St. Ann's Hd.)	29.65	48	NW	5	0	29.71	— .17	46	45	0	NW	5	bc	4	0	0.6	49	43	0.02
	Scilly	29.74	49	WNW	5	0	29.76	— .07	49	47	+ 1	W	3	c	3	of.o	0.8	54	46	0.02
	Prawle Point ...	29.67	47	WSW	2	0	29.73	— .20	46	44	0	WNW	4	c	3	rf.op	#	51	40	0.23
	Jersey (St. Aubin's)	29.70	52	W	5	0	29.74	— .25	49	45	0	W	5	bc	4	r.ogw	#	53	46	0.31
	Hurst Castle ...	29.68	47	S	1	0	29.66	— .30	47	45	— 1	WNW	4	b	2	p.ow	#	51	41	0.11
	Dungeness ...	29.71	48	SW	3	c	29.53	— .41	45	44	— 3	NW	3	c	2	bc.c	#	52	43	0.09
	North Foreland	29.72	49	SW	2	0	29.51	— .46	45	44	— 5	NW	3	0	3	0	#	55	43	0.25
	London (Brixton) ...	29.68	48	SW	2	0	29.59	— .35	46	42	— 2	NW	3	0	#	a.or	3.5	56	42	0.16
	Oxford	29.63	45	S	1	0	29.61	— .32	45	41	+ 2	NW	3	b	#	c.p	#	52	41	0.11
	Cambridge ...	29.66	51	SW	1	0	29.57	— .34	44	43	— 2	NW	2	ogw	#	c.o	3.8	57	41	0.07
	Yarmouth ...	29.65	51	SSW	3	c	29.51	— .36	45	44	— 2	WNW	2	rf	3	c	#	53	42	0.20
Germany & Holland.	Cuxhaven ...	29.69	43	NW	3	b	29.53	— .25	41	41	— 3	SSE	1	c	#	b	#	46	37	—
	Berlin	29.69	44	SW	2	0	29.60	— .20	43	41	+ 2	SW	2	0	#	0	#	48	39	0.08
	Wiesbaden ...	*	*	*	*	*	29.49	— .54	44	43	+ 1	S	1	0	#	*	*	55	43	0.08
	Munich	29.85	45	SE	0	0	29.65	— .43	49	45	+ 8	S	3	c	#	0	#	52	37	—
	The Helder ...	29.69	47	WSW	1	bc	29.49	— .37	44	43	— 2	E	1	r	1	bc	#	50	41	0.04
Belgium.	Brussels ...	*	*	*	*	*	29.45	— .54	43	42	0	W	5	r	#	r	#	57	42	0.43
	Cape Gris Nez ...	29.63	47	WSW	2	r	29.51	— .44	45	43	— 2	NW	4	0	4	r	#	50	41	0.32
	Paris	29.77	55	SW	2	r	29.62	— .46	48	46	+ 6	WSW	3	0	#	r	#	60	42	0.32
	Brest	29.78	50	NW	4	0	29.80	— .17	48	45	0	NW	3	bc	3	0	#	54	45	—
	Lorient	29.79	52	W	5	0	29.79	— .23	48	45	0	NNW	4	b	3	0	#	59	41	0.08
France &	Rochefort ...	29.96	53	W	4	0	29.87	— .19	53	51	+ 2	WNW	4	c	#	0	#	59	50	0.04
	Belfort	29.83	50	W	1	0	?	?	?	?	?	?	?	?	#	0	#	57	40	0.12
	Lyons	29.89	53	SE	0	0	29.77	— .33	51	47	+ 5	W	1	0	#	0	#	61	46	0.20
	Nice	29.80	54	SW	1	bc	29.74	— .15	55	51	+ 3	SE	0	c	2	bc	#	64	46	—
	Perpignan ...	29.98	62	NW	3	0	29.87	— .22	57	51	+ 1	W	2	0	#	0	#	70	52	—
	Biarritz ...	30.02	56	WSW	4	0	29.91	— .14	55	55	+ 2	WSW	5	0	4	0	#	61	52	0.16
Penin-sula.	Corunna ...																#			
	Lisbon	30.14	56	N	5	0	30.13	— .06	58	55	+ 3	NW	4	0	#	0	#	61	55	—
	Azores (P. Delgada)																#			

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

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

Bright Sunshine yesterday Southport 0·0 hrs;

WEATHER CHARTS

FOR Tuesday, 20th April 1897.

BAROMETER, WIND AND SEA.

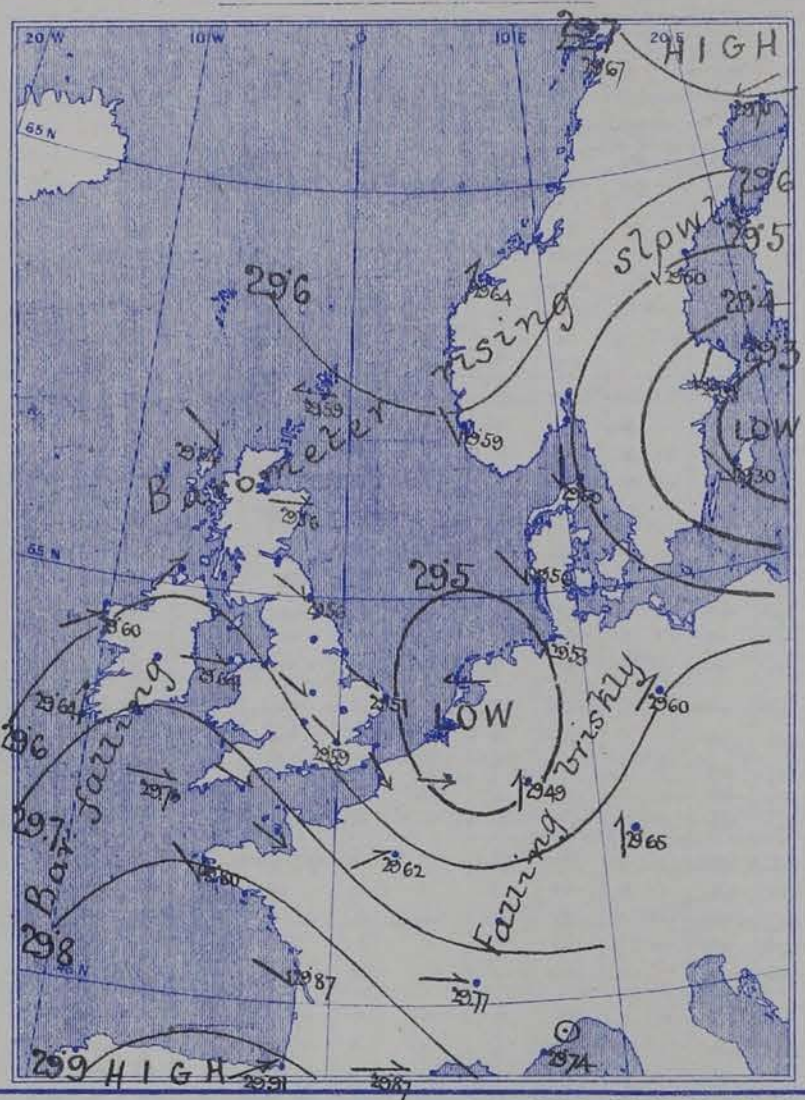
BAROMETER—*Isobars are drawn for each tenth of an inch.*

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

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

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

SEA—*Rough* ▤ ; *High* ▩

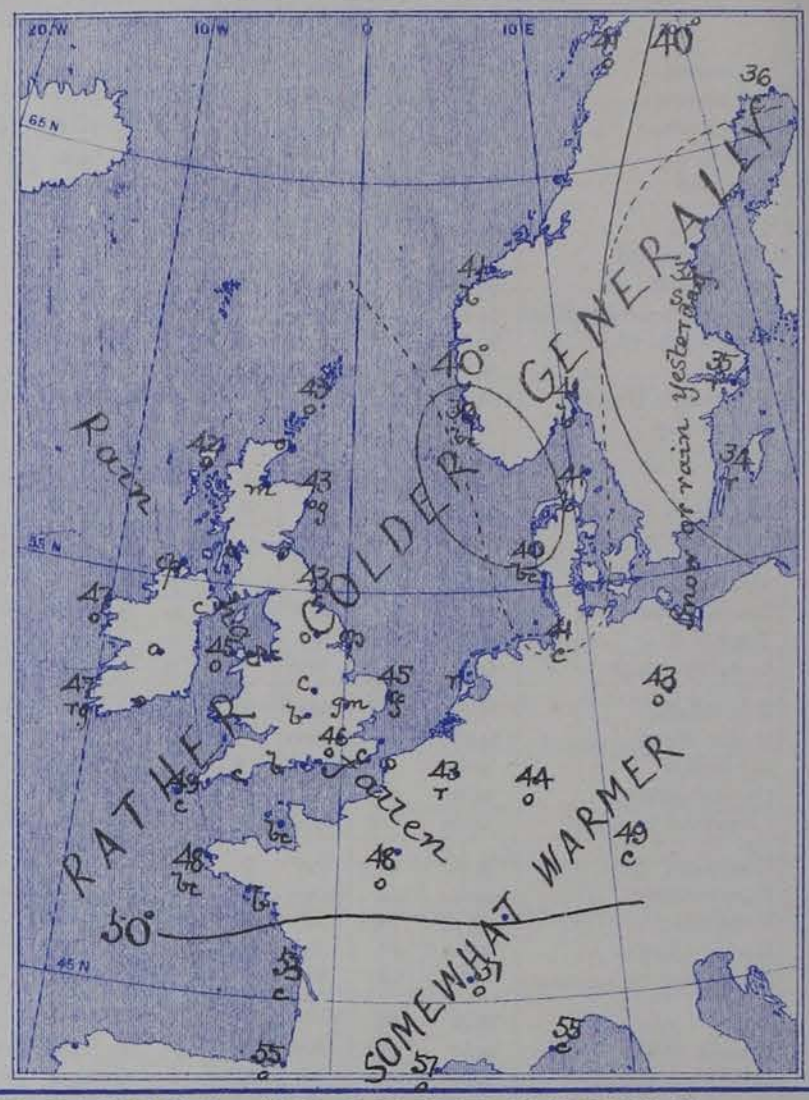


TEMPERATURE & WEATHER.

TEMPERATURE—*Isotherms are drawn for each 10°.*

WEATHER—*Shown by Letters of the Beaufort Scale.*

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 · 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 · 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and upwards in the south of Portugal; 29.7 ins. and upwards in Lapland.
Lowest 29.3 ins. and less in a depression over the northern parts of the Baltic, 29.5 ins. and less in another disturbance over the Netherlands; 29.6 ins. and less in a third system approaching the W. of Ireland.
Gradients slight. Barometer rising in the northern and eastern parts of Gt. Britain, and also in the north of Scandinavia, but falling elsewhere.

TEMPERATURE

Highest 58° at Lisbon, 57° at Perpignan, 55° at Nice and Biarritz, 53° at Rochefort, 51° at Lyons, and 49° at Scilly, Jersey and Munich.
Lowest 34° at Hernösand and Wisby, 35° at Stockholm, 36° at Haparanda, and 39° at Skudesnaes, lowest in our Islands, 42° at Stornoway.
During yesterday the thermometer rose to between 50° and 55° in most parts of the United Kingdom and to 57° at Loughborough and Cambridge.

WIND

Light to moderate from the NW. and W. over England and France, and from the S. in Germany.
Light from the S. over the greater part of Scotland and the W. of Ireland.
E. or NE. in the north of Scandinavia, but N. or NW. in Denmark & the S. of Scandinavia.

WEATHER

Fine at many stations in the south of England and the N. of France, as well as in Norway & Denmark.
Cloudy or dull in all other parts of W^n. Europe, with rain over the Netherlands and the east coasts of England, as well as at Valencia (Ireland); rain also falling in the S. of Sweden, and snow at Hernösand.
Rain fell yesterday over nearly the whole of our area. A solar halo was seen at Dungeness.

SEA

Moderate to smooth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new depression which is approaching the Irish coasts will probably move eastwards, and occasion an early renewal of rainy weather over the greater part of the United Kingdom

FORECASTS

For the 24 hours ending at NOON on 21ST APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SW. to S. winds, moderate, cloudy, unsettled, some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Same as No. 5.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	NW. winds, backing later to SW. or S.; fair at first, some rain later.
6	SCOTLAND WEST	S. winds, moderate, cloudy, some rain.
7	ENGLAND N.W.	W. to S. winds, freshening, dull, unsettled, some rain.
8	ENGLAND S.W.	
9	IRELAND NORTH	S. to W. winds, freshening, unsettled, rain at times.
10	IRELAND SOUTH	
	WARNINGS	None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.67	44	40	N	6	c	2	Valencia	29.74	50	47	W	5	o	4
Sumburgh Head	29.58	44	43	SSE	1	o	3	Scilly	29.72	50	50	NNW	5	of	3
Stornoway	29.46	46	44	SSW	5	ow	6	Jersey	29.78	49	49	SSE	3	rm	3
Aberdeen	29.58	52	46	S	3	bc	2	Hurst Castle ...	29.80	48	47	SSW	2	p	2
Shields	29.66	50	46	SSW	3	op	2	Dungeness ...	29.82	50	47	WSW	3	bc	2
Ardrossan	29.58	46	46	S	4	om	3	North Foreland	29.79	51	47	SW	3	o	2
Malin Head ...	29.69	45	46	SSW	5	o	3	London (Westminster)	29.77	52	46	SW	2	o	*
Belmullet	29.65	49	45	WNW	4	c	*	Yarmouth ...	29.74	52	47	W	2	c	3
Holyhead	29.69	49	46	SSW	4	cp	3	Rochefort ...	29.98	55	53	W	2	o	*

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

Continental information not received.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

DAILY WEATHER REPORT

for 8 a.m. on WEDNESDAY APRIL 21ST 1897.

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 ...	29.71	35	NE	2	bc	29.66	-.04	37	33	+1	NE	4	o	*	bc	*	45	30	—
	Hernösand ...	29.56	35	N	4	f	29.53	+.05	34	33	0	NNE	4	f	*	f	*	36	32	0.20
	Stockholm ...	29.47	37	N	2	fo	29.56	+.25	36	34	+1	W	2	o	*	fo	*	39	30	0.08
	Wisby	29.48	35	NW	4	o	29.65	+.35	35	34	+1	NW	4	o	*	o	*	36	30	—
	Karlstad ...	29.56	38	N	2	bc	29.66	+.24	39	36	−1	NW	2	b	*	bc	*	*	*	—
	Bodö	29.71	41	E	4	bc	29.79	+.12	42	37	+1	E	2	o	1	bc	*	46	36	—
	Christiansund ...	29.70	48	N	3	c	29.84	+.20	41	38	0	NW	1	c	3	c	*	46	39	0.08
	Skudesnaes ...	29.64	39	NNW	4	b	29.67	+.08	38	37	−1	W	0	f	2	b	*	45	34	*
	Færder (Christiania Fjord)	29.56	45	N	1	c	29.71	+.20	41	38	0	N	2	fb	2	c	*	48	39	—
	Skagen (The Scaw)	29.58	41	NW	2	b	29.71	+.21	41	39	0	NNE	1	b	0	b	*	50	34	—
	Fanö	29.63	39	NW	4	b	29.78	+.22	38	36	−2	NW	4	c	*	b	*	50	36	—
British Isl.	Sumburgh Head	29.70	45	NE	1	c	29.90	+.21	44	40	+1	NE	1	b	3	b. c	*	46	34	0.01
	Stornoway ...	29.68	50	E	2	b	29.88	+.24	44	43	+2	E	3	b	4	o. b	4.8	50	39	—
	Wick	29.67	45	E	2	o	29.91	+.24	46	45	+2	NE	3	bc	2	o	*	52	32	—
	Nairn	29.63	45	E	1	bc	29.88	+.24	45	44	+2	NNE	1	b	1	bc	*	50	35	—
	Aberdeen ...	29.67	43	ENE	2	c	29.91	+.35	46	42	+3	ENE	2	bw	2	c.	2.5	49	41	—
	Leith	29.62	47	E	1	c	29.85	+.30	43	42	0	ENE	2	o	*	c	*	50	39	—
	Shields	29.65	45	NE	1	c	29.83	+.27	42	42	−1	N	0	o	2	o. c	*	49	41	0.01
	Spurn Head ...	29.66	44	ENE	2	bc	29.81	+.26	46	45	+2	N	0	†	1	bc.f.w	*	48	42	0.03
	York	29.69	35	N	1	c	29.81	+.24	45	44	+2	NNE	1	o	*	c	3.9	56	40	0.02
	Loughborough ...	29.67	32	NNW	2	c	29.77	+.19	44	44	o	NE	2	o.m.d	*	c.bc.o.d	*	45	43	0.11
	Ardrossan ...	29.61	48	NW	1	c	29.79	+.24	46	44	+1	NE	3	c.m	2	c	*	50	42	0.02
	Malin Head ...	29.58	45	NE	3	c.f	29.75	+.21	45	44	+1	E	3	t.m	2	c.f.c.f. †	*	48	42	0.06
	Belmullet ...	29.47	45	ENE	4	o	29.63	+.03	47	46	o	E	4	o	*	o†.o	*	50	41	0.85
	Donaghadee ...	29.61	48	NNW	3	c	29.75	+.15	44	43	o	E	3	†	3	c	*	50	42	0.23
	Liverpool (Bidston)	29.67	48	2	o	o	29.71	+.09	44	42	−1	ENE	4	†	2	bc.o.†	*	51	42	0.30
	Holyhead ...	29.65	46	S	2	ogm	29.67	+.03	46	46	+1	ENE	2	df	2	c.ogm	*	52	42	0.35
	Parsonstown ...	29.50	46	SE	3	†	29.58	−.07	52	50	+7	ENE	2	o	*	o†	0.5	52	44	0.28
	Valencia ...	29.47	53	SSW	3	o	29.45	−.19	55	53	+8	E	4	cq.f	4	tg.o	0.0	55	46	0.33
	Roche's Point ..	29.53	50	SW	4	†	29.55	−.16	50	50	+4	SSE	4	†	4	†.f	*	50	46	0.40
	Pembroke (St. Ann's Hd.)	29.68	47	SW	4	†	29.64	−.07	49	48	+3	SW	4	og	4	†	6.4	50	45	0.29
	Scilly	29.67	50	SSW	4	m	29.60	−.16	52	51	+3	S	4	m	4	o†.m	1.6	52	47	0.15
	Prawle Point ...	29.76	46	SW	3	†	29.72	−.01	49	49	+3	SSW	3	c	2	f†	*	51	45	0.15
	Jersey (St. Aubin's)	29.82	50	W	4	o g	29.77	+.03	53	53	+4	SSE	3	o.m.d	3	c.o.g.d	*	53	48	0.03
	Hurst Castle ...	29.75	49	WSW	3	c.u	29.74	+.08	50	49	+3	SE	4	d.m	2	c. c.u	*	56	46	0.12
	Dungeness ...	29.70	50	WSW	3	c	29.82	+.29	48	47	+3	S	3	d	2	o.c	*	53	44	0.01
	North Foreland	29.71	48	NW	2	c	29.82	+.31	48	47	+3	S	3	o	2	o.c	*	50	48	—
	London (Brixton) ...	29.70	52	NW	2	bc	29.79	+.20	47	46	+1	SE	1	o.d	*	o.b.o	3.7	56	45	0.01
	Oxford	29.73	48	WSW	2	c	29.76	+.15	46	45	+1	SE	1	o.g	*	c.†	*	55	44	0.02
	Cambridge ...	29.69	53	WNW	1	o	29.81	+.24	47	46	+3	SE	1	o.g.m	*	o	2.4	53	42	0.04
	Yarmouth ...	29.66	48	2	o	bc	29.81	+.30	47	45	+2	SSW	2	c.m	3	c.bc	*	49	40	—
Germany & Holland.	Cuxhaven ...	29.56	45	N	3	bc	29.83	+.30	45	42	+2	NW	2	c	*	bc	*	48	39	—
	Berlin	29.54	48	E	3	†	29.81	+.21	44	40	+1	NW	3	b	*	†	*	55	39	0.04
	Wiesbaden ...	*	*	*	*	*	29.93	+.24	47	45	+3	W	2	c	*	*	*	52	44	0.08
	Munich	29.69	43	W	4	o	29.96	+.31	42	39	−7	W	6	o	*	o	*	55	39	0.04
	The Helder ...	29.67	45	NNE	1	c	29.85	+.36	46	45	+2	SSW	1	b	1	c	*	48	41	—
Belgium.	Brussels ...	*	*	*	*	*	29.91	+.26	46	44	+3	SSW	2	c	*	o	*	47	39	0.08
	Cape Gris Nez ...	29.70	48	W	3	c	29.80	+.29	46	44	+1	S	2	o	1	c	*	48	40	—
	Paris	29.80	51	WNW	3	b	29.91	+.29	46	44	−2	SSE	1	m	*	b	*	55	39	0.04
	Brest	29.80	53	SSW	3	o	29.73	−.07	52	50	+4	SSW	3	o	3	o	*	54	45	0.04
	Lorient	29.85	53	W	4	o	29.78	−.01	53	52	+5	W	3	m	2	o	*	57	41	0.04
France &	Rochefort ...	29.98	54	WNW	4	o	29.91	+.04	54	54	+1	SW	4	†	*	bc.o	*	56	52	0.04
	Belfort	29.77	42	WNW	5	o	29.99	?	40	38	?	N	0	m	*	o	*	51	35	0.35
	Lyons	29.85	52	NW	2	o	29.98	+.21	51	48	0	E	1	o	*	o	*	62	40	—
	Nice	29.89	60	NW	6	c	29.77	+.03	55	47	0	N	0	b	1	c	*	70	48	—
	Perpignan ...	29.90	60	NW	3	o	29.99	+.12	59	53	+2	N	0	b	*	o	*	68	49	—
	Biarritz ...	29.98	56	WSW	4	o	29.87	−.04	50	48	−3	E	4	o	3	o	*	59	46	—
Penin-sula.	Corunna ...																*			
	Lisbon	30.06	58	NNW	2	c	29.95	−.18	54	52	−4	SW	3	o	*	o.c	*	64	54	—
	Azores (P. Delgada)	30.17	62	NNW	3	bc	30.09	+.16	58	54	−3	NW	5	o	4	bc	*	66	58	—

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

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

Bright Sunshine yesterday Southport 10.2 hrs;

WEATHER CHARTS

FOR WEDNESDAY, 21st APRIL, 1897.

BAROMETER, WIND AND SEA.

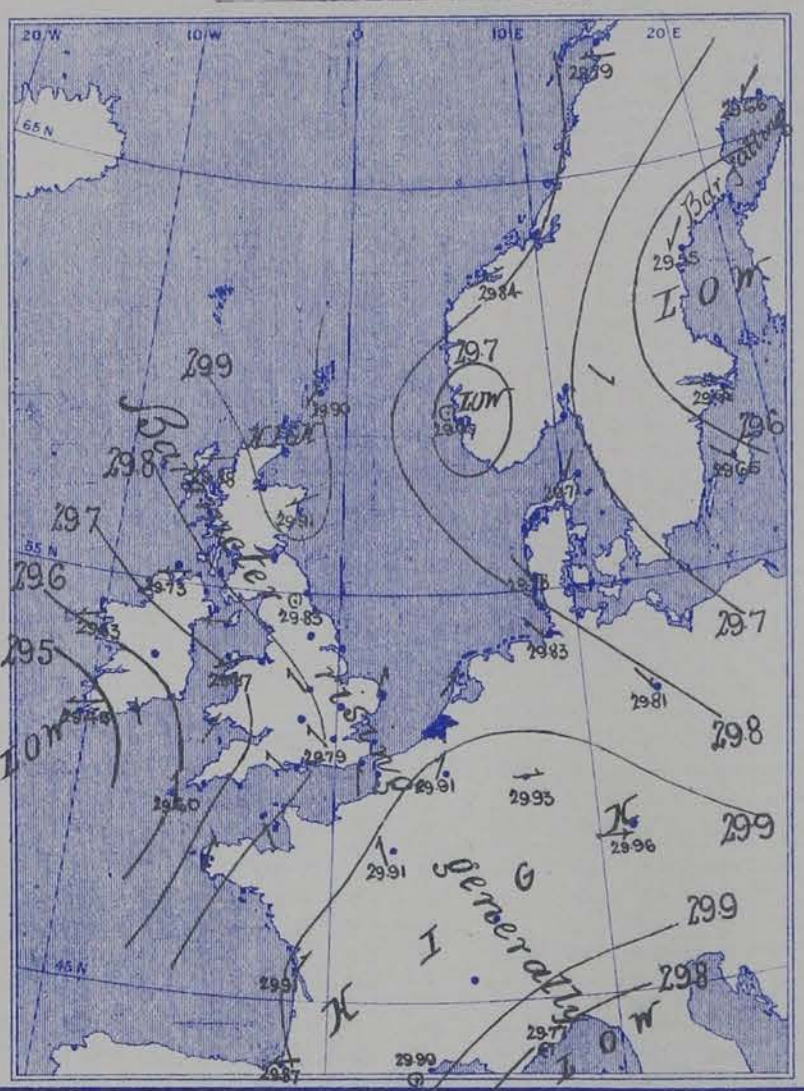
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

Force 8 to 10 ⟶⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▤ ; High ▨



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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

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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 · 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 · 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 29.9 ins. and upwards over the Spanish Peninsula, France and S. Germany and also in the N. of Scotland. Lowest 29.5 ins. and less in a depression lying off the southwest of Ireland; 29.6 ins. and less in another distinbance over the Gulf of Bothnia. Gradients slight. Barometer rising generally, but falling a little over the northern parts of Sweden.

TEMPERATURE — Highest 59° at Perpignan, 55° at Nice and Valencia (Ireland), 54° at Rochefort and Lisbon, and 53° at Jersey and Lorient. Lowest 34° at Haparanda, 35° at Wisby, 36° at Stockholm, 37° at Haparanda, and 38° at Skudesnaes & Fanö. During yesterday the thermometer rose to 55° and upwards at several of the English stations, and to 57° at Loughborough.

WIND — Light to moderate from the S^wd. over the southern parts of our Islands, the Netherlands and the north of France, but from the E^wd. on our north and northwest coasts. Variable in the W. of Norway; NE. by E. in the north of Scandinavia, but NW. by W. in Denmark, Germany and the south of Scandinavia; calm in the south of France.

WEATHER — Dull and unsettled over the greater part of Ireland, England and France, with rain in many place Fair or fine in most other parts of our area, but dull at the Swedish stations, with snow at Hernösand. Since yesterday morning rain has fallen at most of the English, Irish, French and German stations, the largest amounts being 0.9 in. at Belmullet, and 0.5 in. at Valencia (Ireland).

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

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the southwest of Ireland appears to be moving away to the southward. The general distribution of pressure is, however, still very irregular, and further falls of rain are probable in many parts of Ireland and England.

FORECASTS

For the 24 hours ending at NOON on 22ND APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	E. by N. and NE. by N. winds, light, fair generally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	E. by N. winds, light, some rain at first then fair.
3	ENGLAND EAST	SE. by E. winds, light, cloudy, slight rain at times.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	E. by N. winds, moderate or fresh, some rain at first, then fair.
8	ENGLAND S.W.	S. by E. and SE. by E. winds, moderate, cloudy, rain at times.
9	IRELAND NORTH	Same as No. 7.
10	IRELAND SOUTH	E. by N. winds, moderate, changeable, showery.
	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 ...	29.60	45	41	NNW	6	b	2
Sumburgh Head	29.67	44	42	ESE	1	b	4
Stornoway	29.59	49	46	Z	0	0	2
Aberdeen	29.63	45	44	ESE	2	c	2
Shields	29.63	47	45	NE	2	cp	2
Ardrossan	29.56	49	48	S	1	c	1
Malin Head ...	29.56	48	47	SSW	3	c	2
Belmullet	29.56	48	46	SW	2	o+	*
Holyhead	29.67	51	48	SSW	3	c	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.52	52	52	SSW	3	+q	4
Scilly	29.73	51	50	SSW	3	o+	3
Jersey	29.81	51	46	W	3	c	4
Hurst Castle ...	29.72	55	50	W	3	c	2
Dungeness ...	29.66	50	45	NNW	4	o	3
North Foreland	29.65	48	46	NW	4	o	3
London (Westminster)	29.67	54	46	NW	2	c	*
Yarmouth ...	29.60	49	47	N	4	c	3
Rochefort ...	29.87	56	53	NW	4	be	*

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

Weather in morning fine at many stations in the S. of England and the N. of France, as well as in Norway and Denmark. Cloudy or dull in nearly all other parts of Europe, mild rain over the Netherlands and the E. coast of England, as well as in the S. of Denmark, and at St. Petersburg & Breslau; snow falling at Kuopio and Hernösand. Rain spreading later from the W.wd over Ireland, England and the neighbouring parts of the Continent, - amounts large in the W. of Ireland.

Temperature fallen in most of the NW.rn and N.rn countries, but risen a little in the S. Morning readings highest 69° at Algiers, 65° at Tunis, 64° at Syracuse, and 62° at Brindisi, Athens, Palermo and Nemours; above 50° over southern Europe generally. Lowest 33° at Archangel & 34° at Kuopio, Helsingfors, Hernösand and Wisby. Rising during day to between 55° and 57° at many of the English stations, exceeding 60° in the S. of France, and reaching 70° at Nice.

Wind light to moderate from the W.wd or NW.wd over the greater part of England, France and Spain; light from the S.wd over Germany and N.rn Italy, and also over Scotland and the W. of Ireland; light from the E.wd over the N.rn parts of Russia and Scandinavia; NW.wd over Denmark and the S. of Scandinavia; variable over the southern parts of Russia and Italy.

Barometer highest 30.1 ins. and upwards in an anticyclone lying over and to the W.wd of Portugal; 29.9 ins. and upwards in the extreme N. of Russia. Lowest 29.3 ins. and less in a small disturbance over the N.rn part of the Baltic, 29.5 ins. and less in another system over the Netherlands; 29.6 ins. and less in a disturbance approaching the Irish coasts. Depression over the Netherlands partially filling up later, disturbance off the W. of Ireland advancing slowly eastward.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Thursday, 22nd April, 1897.

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 ...	29.80	36	SW	0	0	29.91	-.25	39	35	+2	SW	0	b	*	0	*	45	28	-
	Hernösand ...	29.74	35	N	4	f	29.94	+.39	37	36	+3	N	2	f	*	f	*	37	32	0.24
	Stockholm ...	29.67	34	NW	2	r	29.86	+.30	36	35	0	N	2	o	*	r	*	39	30	0.16
	Wisby	29.74	37	W	4	bc	29.84	+.19	37	36	+2	N	3	O	*	bc	*	43	30	-
	Karlstad ...	29.75	41	NW	2	c	29.95	+.29	39	36	0	NNW	2	c	*	h.c	*	*	*	-
	Bodö	29.94	40	N	1	b	30.06	+.27	40	36	-2	SE	2	bc	1	b	*	43	32	-
	Christiansund ...	28.97	42	N	3	o	30.19	+.35	42	40	+1	SW	2	c	3	o	*	45	39	0.12
	Skudesnaes ...	29.89	42	NNW	4	b	30.14	+.47	43	37	+5	N	4	b	1	b	*	46	34	*
	Færder (Christiania Fjord)	29.76	44	NW	1	bc	29.95	+.24	42	39	+1	NNE	3	c	2	bc	*	48	41	-
	Skagen (The Scaw)	29.89	41	WNW	1	b	29.97	+.26	41	38	0	NE	3	b	0	b	*	50	39	-
	Fanö	29.88	41	WNW	4	c	29.97	+.19	41	40	+3	NW	3	b	*	c	*	50	37	-
	Sumburgh Head	30.04	43	N	2	b	30.24	+.34	43	40	-1	N	1	b	3	bc, b	*	48	34	-
	Stornoway ...	30.03	47	ENE	3	b	30.23	+.35	44	42	0	SW	0	bc	0	bc, b	13.8	49	33	-
	Wick	30.05	46	NE	2	bc	30.26	+.35	44	43	-2	N	1	b	1	bc	*	49	30	0.01
	Nairn	30.04	46	E	1	b	30.26	+.38	41	40	-4	SW	0	c	1	b	*	52	29	-
	Aberdeen ...	30.05	42	E	2	bc	30.26	+.35	43	40	-3	NE	2	cw	3	b, bc	10.2	48	34	-
	Leith	30.02	45	E	3	b	30.25	+.40	46	42	+3	NE	2	c	*	b	*	48	32	-
	Shields	30.00	43	NNE	2	c	30.21	+.38	44	42	+2	NNE	2	c	2	o, c	*	46	36	-
	Spurn Head ...	29.92	44	ENE	4	r	30.13	+.32	45	42	-1	NNE	4	bv	3	r. bv	*	49	40	0.10
	York	29.95	46	NNE	1	o	?	?	42	39	-3	N	2	bc	*	O	0.0	51	33	0.06
	Loughborough ...	29.88	46	NE	3	o	30.15	+.38	43	40	-1	NE	3	c	*	oma, o	*	48	38	0.15
British Islands	Ardrossan ...	29.96	48	ENE	5	bm	30.21	+.42	45	43	-1	ENE	2	bcm	1	b, bm	*	52	34	-
	Malin Head ...	29.91	47	E	5	bm	30.17	+.44	44	42	-1	SE	5	b	0	bc, bm	*	49	34	-
	Belmullet ...	29.84	50	E	5	o	30.18	+.55	47	45	0	ESE	2	c	*	or. o	*	51	40	-
	Donaghadee ...	29.95	47	ESE	5	o	30.20	+.45	44	42	0	E	6	b	4	O	*	50	40	0.01
	Liverpool (Bidston)	29.89	48	E	4	o	30.16	+.45	44	39	0	E	4	b	?	r	*	49	39	0.11
	Holyhead ...	29.86	47	E	4	af	30.11	+.44	45	42	-1	ENE	5	b	4	oma, fa	*	49	41	0.07
	Parsonstown ...	29.79	51	E	2	o	30.09	+.51	45	43	-1	E	3	o	*	o, r	0.1	59	45	-
	Valencia ...	29.62	57	ESE	3	og	29.99	+.54	55	52	0	E	3	c	3	c, og	5.3	60	52	0.03
	Roche's Point ..	29.71	50	ESE	5	r	30.03	+.48	48	48	-2	ESE	5	r	4	r	*	51	47	0.25
	Pembroke (St. Ann's Hd.)	29.69	50	SE	3	r	30.04	+.40	48	46	-1	SE	4	c	3	o, r	0.9	52	46	0.26
	Scilly	29.70	53	SSE	4	om	29.90	+.30	51	50	-1	E	4	om	4	c, om	1.3	57	50	0.01
	Prawle Point ...	29.80	51	SE	2	c	29.99	+.27	46	46	-3	NE	6	om	4	c, om	*	52	42	-
	Jersey (St. Aubin's)	29.83	56	SE	2	o	29.94	+.17	53	51	0	ENE	4	om	3	c, og, a	*	61	52	0.04
	Hurst Castle ...	29.83	52	SSW	1	o	30.02	+.28	48	47	-2	ENE	4	ogm	2	c, o	*	54	47	-
	Dungeness ...	29.82	50	SSE	2	o	30.00	+.18	47	45	-1	NE	5	o	4	o, f	*	52	46	0.04
	North Foreland	29.85	49	SE	2	r	30.06	+.24	45	44	-3	NE	4	o	4	o, r	*	52	43	0.10
	London (Brixton) ...	29.82	54	S	1	ogm	30.09	+.30	46	45	-1	ENE	2	o	*	oap, or	0.0	55	45	0.10
	Oxford	29.87	51	NE	2	r	30.10	+.34	44	41	-2	NE	4	o	*	or	*	56	42	0.54
	Cambridge ...	29.87	48	ENE	1	r	30.13	+.32	45	42	-2	NE	3	c	*	or	0.0	51	39	0.16
	Yarmouth ...	29.88	46	ENE	3	oa	30.08	+.27	43	40	-4	NNE	4	cv	4	c, oa	*	49	40	0.11
Germany & Holland.	Cuxhaven ...	29.91	45	NW	1	o	29.95	+.12	43	42	0	NW	2	bc	*	O	*	48	39	-
	Berlin	29.91	48	W	0	c	29.93	+.12	45	42	+1	NW	2	o	*	c	*	54	41	-
	Wiesbaden ...	*	*	*	*	*	29.93	.00	48	46	+1	SW	1	o	*	*	*	55	43	-
	Munich... ..	30.03	43	SE	2	b	29.97	+.01	44	41	+2	W	2	b	*	b	*	50	32	-
	The Helder ...	29.92	48	N	1	o	30.04	+.19	44	40	-2	NNE	3	bc	3	O	*	50	43	-
Belgium.	Brussels ...	*	*	*	*	*	30.00	+.09	44	44	-2	ENE	3	r	*	r	*	59	43	0.08
	Cape Gris Nez...	29.83	54	SSE	1	r	29.95	+.15	47	46	+1	E	5	o	4	r	*	55	43	0.04
	Paris	29.90	54	S	2	r	29.92	+.01	53	53	+1	W	0	r	*	r	*	62	46	0.12
	Brest	?	53	SSE	2	o	29.81	+.08	54	50	+2	ENE	3	c	2	O	*	54	48	-
	Lorient... ...	29.80	53	SSW	3	o	29.79	+.01	54	53	+1	ENE	5	f	3	o	*	55	50	0.28
France &	Rochefort ...	29.84	62	ESE	3	o	29.76	-.15	56	55	+2	ENE	3	O	*	O	*	68	54	0.04
	Belfort	29.91	55	NNW	1	c	29.92	-.07	47	44	+1	W	0	o	*	c	*	59	40	-
	Lyons	29.91	57	E	1	c	29.90	-.08	51	48	0	SE	1	c	*	c	*	57	44	-
	Nice	29.90	57	W	0	c	29.97	+.20	56	50	+1	W	0	c	0	c	*	66	46	-
	Perpignan ...	29.86	59	NE	2	o	29.84	-.15	59	56	0	NW	1	o	*	O	*	68	53	-
	Biarritz ...	29.69	68	E	4	o	29.67	-.20	60	58	+10	E	4	o	2	O	*	72	50	-
Peninsula.	Corunna ...																*			
	Lisbon	29.76	56	S	4	o	29.61	-.34	57	56	+3	SE	4	o	*	O	*	61	54	0.08
	Azores (P. Delgada)																*			

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

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

Bright Sunshine yesterday Southport 0.0 hrs;

WEATHER CHARTS

FOR ..... Thursday, 22nd April ..... 1897.

BAROMETER, WIND AND SEA.

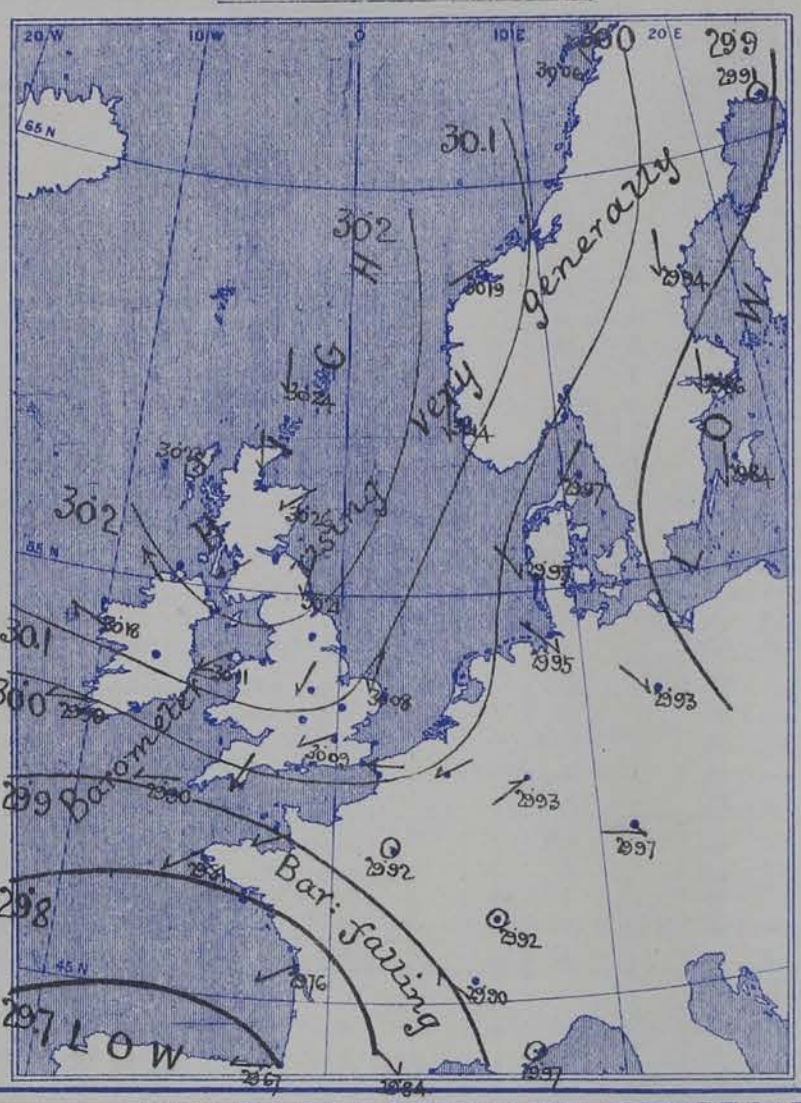
BAROMETER —*Isobars are drawn for each tenth of an inch.*

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
30·1
302
299
298
297
LOW
Barometer falling very generally
Barometer falling
Barometer falling
Barometer falling

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 30.2 ins. and upwards in an anticyclone extending from the northward over all the more northern parts of Great Britain.
Lowest 29.7 ins. and less in a large depression lying over the Spanish peninsula and the extreme S.W. of France.
Gradients slight. Barometer rising at all but the southern French stations.

TEMPERATURE — Highest 60° at Biarritz, 59° at Perpignan, 57° at Lisbon, 56° at Rochefort and Nice, and 55° at Valencia (Ireland).
Lowest 36° at Stockholm, 37° at Hernösand and Wisby, and 39° at Haparanda and Karlstad; lowest in our Islands 41° at Nairn.
During yesterday the thermometer rose to 55° and upwards at several of our N. stations to 60° at Valencia (Ireland) and to 61° at Jersey.

WIND — Light to moderate from the N. or NE. over the eastern parts of the United Kingdom; fresh to strong from the E. on our western coasts, and moderate from the same quarter in the W. of France.
Variable in the W. of Norway; N. in Sweden and the south of Norway; NW. or W. in Denmark and Germany, calm or variable in the east and south of France.

WEATHER — Fair or fine over all the more N. and E. parts of the United Kingdom, as well as at most of the Scandinavian and Danish stations.
Dull in the south and southwest of our Islands, and also in France, Belgium and Germany, with rain at Rocks Point, Paris and Brussels.
Rain fell yesterday over the greater part of Ireland, England and the adjacent portions of the Continent, the largest amount being 0.5 in. at Oxford. A solar halo was yesterday at Jersey.

SEA — Moderate to smooth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone in the north appears to be spreading southwards, and improving weather is probable over our Islands, with cold nights, but with rising temperatures in the daytime.

FORECASTS

For the 24 hours ending at NOON on 23RD APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	N. to variable breezes; fair generally, cold at night.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No. 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	NE. winds, light or moderate; fair generally, cold at night.
6	SCOTLAND WEST	Same as No. 5.
7	ENGLAND N.W.	
8	ENGLAND S.W.	E. winds moderate or fresh, some showers at first, then fair.
9	IRELAND NORTH	E. winds, moderate; fair generally.
10	IRELAND SOUTH	Same as No. 8.
	WARNINGS	None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·83	46	42	NNW	6	b	2
Sumburgh Head	30·04	46	42	NE	2	bc	3
Stornoway	29·99	49	46	ENE	3	bc	4
Aberdeen	30·01	46	42	E	2	b	2
Shields	29·94	44	43	NE	2	o	2
Ardrossan	29·90	52	48	ENE	5	bm	2
Malin Head ...	29·89	49	47	E	5	bcm	3
Belmullet	29·77	48	47	E	5	or	*
Holyhead	29·78	49	48	E	3	o 2m	2
Valencia	29·58	59	53	ESE	2	c	4
Scilly	29·66	57	55	SSE	4	c	3
Jersey	29·81	58	55	S	3	c	3
Hurst Castle ...	29·77	54	52	SW	1	c	1
Dungeness ...	29·82	50	50	SSE	2	o	1
North Foreland	29·85	51	50	SE	2	o	2
London (Westminster)	29·80	55	52	SE	2	o g	#
Yarmouth ...	29·85	48	46	E	3	c	3
Rochefort ...	29·84	64	61	S	3	o	#

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

Weather in morning fine in Scotland, Denmark, N. Germany and the south of Scandinavia as well as over N^rn Italy and the south of France. Cloudy or dull in nearly all other parts of Europe, with rain at several of the English, Irish and western French stations, and also over the Gulf of Finland and at Breslau and Cracow; Snow reported at Hernösand. No important change occurring over western Europe during day.

Temperature risen slightly in our Islands, as well as in Denmark and Germany; but changed very irregularly elsewhere. Morning readings highest 67° at Tunis, 66° at Algiers and Nice, and 64° at Palermo; above 55° in most parts of southern Europe. Lowest 34° at Hernösand, 35° at Kuopio, Helsingfors and Wisby, and 36° at Archangel and Stockholm; below 40° over Sweden and northern Russia generally. Daily maxima below 50° over the N. of our Islands generally, but above 55° at some of the southern stations; thermometer exceeding 60° in the Channel Islands and many parts of France, and reaching 72° at Biarritz.

Wind light to moderate from the SW^wd on the Portuguese coasts, and from the S^wd over the west and north of France, the Netherlands and the southern parts of the United Kingdom, but E. on our north and northwest coasts. Variable in the west of Norway, E. ¼ or NE. ¼ over the northern parts of Russia and Scandinavia; NW. ¾ over Denmark, Germany, the Baltic and the south of Sweden, W. ¾ in Austria. Calm or variable over Italy and the south of France, and also in the south of Russia. Subsequently backing to the SE^wd on our south coasts and in the north and west of France.

Barometer highest 29.9 ins. and less in a large area extending from the Mediterranean over Spain, France and western Germany; as well as in a smaller area lying off the N.E. of Scotland. Lowest 29.5 ins. and less in two depressions,—one lying off the southwest of Ireland and the other over the Gulf of Finland; 29.7 ins. and less in a shallow system off the S. of Norway. High pressure system off Scotch coasts subsequently increasing both in size and height and spreading S^wd; Depression off the SW. of Ireland moving away to 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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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

DAILY WEATHER REPORT

for 8 a.m. on Friday, 23rd April, 1897.

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 ...	30·09	39	SE	0	bc	30·10	+·19	40	36	+ 1	SE	0	bc	fr	bc	fr	48	27	-
	Hernösand ...	30·15	33	SE	0	b	30·24	+·30	41	36	+ 4	NW	4	b	fr	b	fr	52	32	-
	Stockholm ...	30·12	35	W	2	0	30·17	+·31	36	35	0	NE	2	bc	fr	0	fr	43	32	-
	Wisby	30·09	35	NNE	4	0	30·12	+·28	35	34	- 2	NE	4	0	fr	0	fr	37	30	-
	Karlstad ...	30·16	41	N	4	b	30·23	+·28	42	37	+ 3	NE	2	b	fr	b	fr	fr	fr	-
	Bodö	30·18	41	SW	4	0	30·28	+·22	41	39	+ 1	WNW	4	0	2	0	fr	45	36	-
	Christiansund ...	30·32	42	NW	2	c	30·38	+·19	44	41	+ 2	SE	0	f	2	c	fr	45	41	0·08
	Skudesnaes ...	30·23	42	N	4	b	30·30	+·16	44	39	+ 1	E	2	b	1	b	fr	51	36	fr
	Færder (Christiania Fjord)	29·98	46	NNE	1	0	30·27	+·32	42	39	0	N	3	b	2	0	fr	46	41	-
	Skagen (The Scaw)	30·18	43	NE	2	c	30·23	+·26	42	39	+ 1	NE	2	bc	0	c	fr	46	39	-
	Fanö	30·15	39	NNE	2	b	30·17	+·20	41	39	0	NE	3	b	fr	b	fr	50	36	-
British Islands.	Sumburgh Head	30·33	44	WNW	1	0	30·34	+·10	45	41	+ 2	N	1	0	2	0	fr	47	42	-
	Stornoway ...	30·28	49	ENE	3	b	30·26	+·03	44	43	0	SE	2	b	3	b	13·6	53	34	0·02
	Wick	30·32	47	S	1	b	30·31	+·05	45	44	+ 1	E	1	0	1	b	fr	51	36	-
	Nairn	30·30	48	E	1	bc	30·30	+·04	40	35	- 1	SE	0	0	1	bc	fr	50	25	-
	Aberdeen ...	30·35	42	ENE	4	cq	30·32	+·06	48	44	+ 5	E	2	bc	2	c, cq	4·6	48	36	-
	Leith	30·31	45	E	3	b	30·30	+·05	42	40	- 4	ENE	1	0	fr	b	fr	50	39	-
	Shields	30·28	43	NE	3	c	30·27	+·06	42	39	- 2	NNE	2	c	3	c	fr	46	39	-
	Spurn Head ...	30·18	44	NNE	5	c	30·20	+·07	46	43	0	NE	4	bc	4	c	fr	48	40	-
	York	30·24	46	NNE	3	b	30·24	+·09	45	40	+ 3	NNE	1	b	fr	b	11·1	50	36	-
	Loughborough ...	30·18	46	NE	4	bc	30·18	+·03	42	40	- 1	NE	3	bcm	fr	c, b, bc	fr	49	37	-
	Ardrossan ...	30·25	50	NE	3	bm	30·25	+·04	43	43	- 2	ENE	3	om	1	bm	fr	53	38	-
	Malin Head ...	30·22	47	E	3	b	30·21	+·04	43	41	- 1	ESE	5	b	2	b	fr	48	34	-
	Belmullet ...	30·22	53	ESE	3	b	30·15	-·03	44	42	- 3	ESE	3	b	fr	b	fr	55	37	-
	Donaghadee ...	30·24	49	E	5	b	30·25	+·05	42	40	- 2	E	5	bc	3	b	fr	51	39	-
	Liverpool (Bidston)	30·19	47	ENE	4	b	30·18	+·02	44	38	0	ENE	4	b	?	bm	fr	51	37	-
	Holyhead ...	30·17	47	NE	4	b	30·19	+·08	43	40	- 2	ENE	4	cm	3	b	fr	49	39	-
	Parsonstown ...	30·14	50	E	1	b	30·12	+·03	45	41	0	E	2	bc	fr	b	7·0	55	35	-
	Valencia ...	30·05	56	ESE	2	cm	30·04	+·05	47	45	- 8	ESE	4	bc	3	cm	4·0	58	42	0·04
	Roche's Point ...	30·10	50	ESE	4	b	30·07	+·04	45	41	- 3	ESE	6	bc	4	b	fr	52	41	0·02
	Pembroke (St. Ann's Hd.)	30·08	50	ESE	4	b	30·06	+·02	45	43	- 3	E	5	b	4	b	5·0	52	39	-
	Scilly	29·95	51	E	5	om	29·90	·00	45	43	- 6	ENE	6	c	4	cm	0·7	52	42	-
	Prawle Point ...	30·02	46	ENE	5	c	29·95	-·04	44	43	- 2	ENE	7	c	6	c	fr	48	40	-
	Jersey (St. Aubin's)	29·96	49	ENE	7	cm	29·86	-·08	48	44	- 5	E	6	bcm	5	cm	fr	53	45	-
	Hurst Castle ...	30·02	48	ENE	4	om	30·01	-·01	47	44	- 1	ENE	5	bc	3	cm, om	fr	52	41	-
	Dungeness ...	30·03	46	NE	6	bc	30·02	+·02	49	45	+ 2	ENE	6	bc	5	c, bc	fr	50	43	-
	North Foreland	30·12	44	NE	5	bc	30·09	+·03	46	43	+ 1	E	6	c	5	o, bc	fr	47	42	-
	London (Brixton) ...	30·11	47	NE	3	b	30·08	-·01	45	42	- 1	ENE	3	o	fr	c, b	5·4	52	38	-
	Oxford	30·16	42	NE	3	b	30·11	+·01	43	40	- 1	NE	3	c	fr	b	fr	51	38	-
	Cambridge ...	30·15	46	NE	4	bc	30·15	+·02	45	43	0	NE	3	bcw	fr	bc	10·4	52	32	-
	Yarmouth ...	30·12	45	NE	4	bcv	30·13	+·05	45	43	+ 2	ENE	5	bc	4	bc	fr	47	41	-
Germany & Holland.	Cuxhaven ...	30·05	45	NE	4	b	30·10	+·15	44	44	+ 1	N	1	b	fr	b	fr	50	41	-
	Berlin	29·97	44	NE	2	0	30·03	+·10	39	37	- 6	NW	4	r	fr	0	fr	48	36	0·04
	Wiesbaden ...	fr	fr	fr	fr	fr	30·03	+·10	44	41	- 4	NE	2	b	fr	fr	fr	54	39	-
	Munich	29·93	48	Z	0	0	29·97	·00	37	36	- 7	NE	3	0	fr	0	fr	59	34	0·24
	The Helder ...	30·11	45	NE	3	b	30·14	+·10	46	42	+ 2	NE	3	b	3	b	fr	46	43	-
Belgium.	Brussels ...	fr	fr	fr	fr	fr	30·16	+·06	42	40	- 2	NE	4	b	fr	b	fr	53	35	-
	Cape Gris Nez ...	30·01	45	E	5	bc	29·99	+·04	43	41	- 4	E	5	bc	5	bc	fr	48	39	-
	Paris	29·92	51	NE	3	0	29·89	-·03	44	40	- 9	NE	4	c	fr	0	fr	58	43	0·04
	Brest	29·81	53	ENE	4	c	29·73	-·08	46	44	- 8	ENE	5	c	3	c	fr	63	43	-
	Lorient	29·78	57	E	5	c	29·70	-·09	47	45	- 7	E	6	b	4	c	fr	63	39	-
France &	Rochefort ...	29·69	64	ENE	4	c	29·60	-·16	54	53	- 2	ENE	5	c	fr	c	fr	77	52	-
	Belfort	29·83	52	ENE	5	0	29·83	-·09	42	41	- 5	E	5	r	fr	0	fr	65	42	0·20
	Lyons	29·78	63	S	3	bc	29·73	-·17	52	50	+ 1	NNW	1	0	fr	bc	fr	69	49	-
	Nice	29·91	55	W	1	b	29·78	-·19	52	48	- 4	Z	0	c	3	b	fr	64	48	-
	Perpignan ...	29·82	59	Z	0	0	29·71	-·13	57	55	- 2	E	2	0	fr	0	fr	71	53	-
	Biarritz ...	29·87	74	E	4	c	29·44	-·28	57	56	- 3	E	3	0	4	c	fr	77	55	-
Peninsula.	Corunna ...																fr			
	Lisbon	29·54	55	S	1	b	29·52	-·09	55	52	- 2	NNW	4	c	fr	b	fr	59	48	0·20
	Azores (P. Delgada)	30·07	58	NNW	4	c	29·97	-·09	59	54	+ 1	NNW	4	c	4	c	fr	63	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 now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 13·2 hrs;

WEATHER CHARTS

FOR ..... Friday, 23rd April, ... 1897.

BAROMETER, WIND AND SEA.

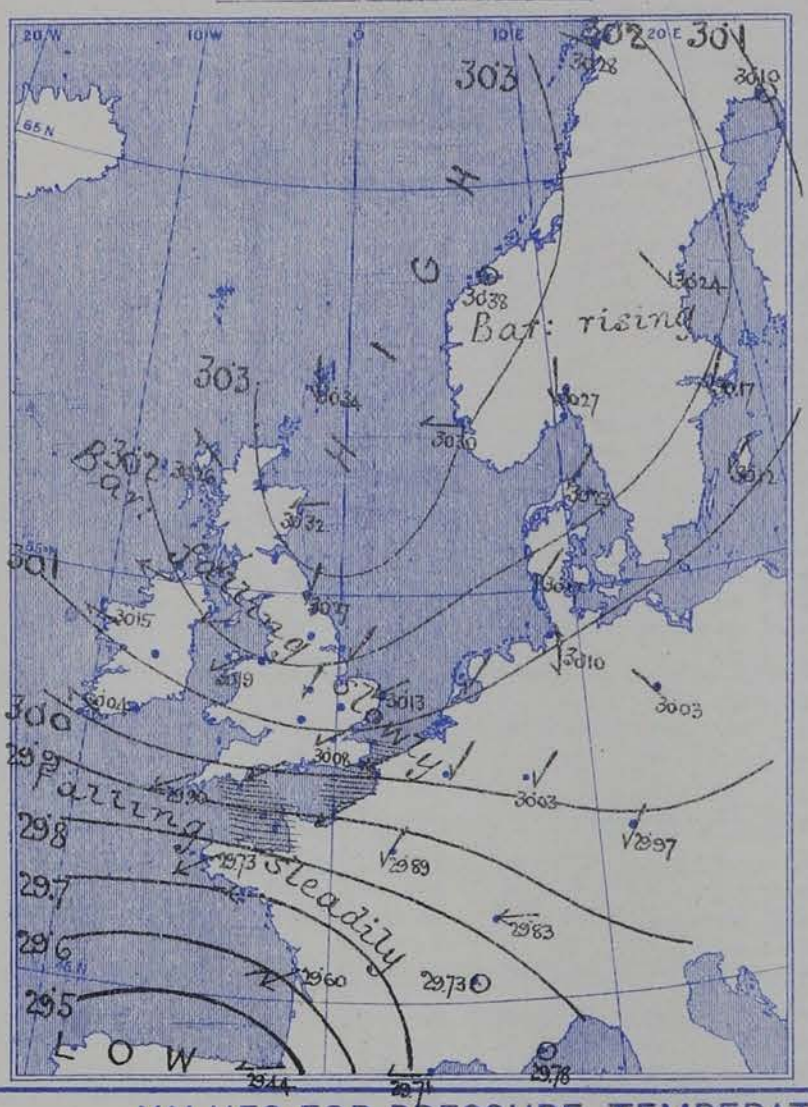
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

Force 8 to 10 ⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▤ ; High ▩

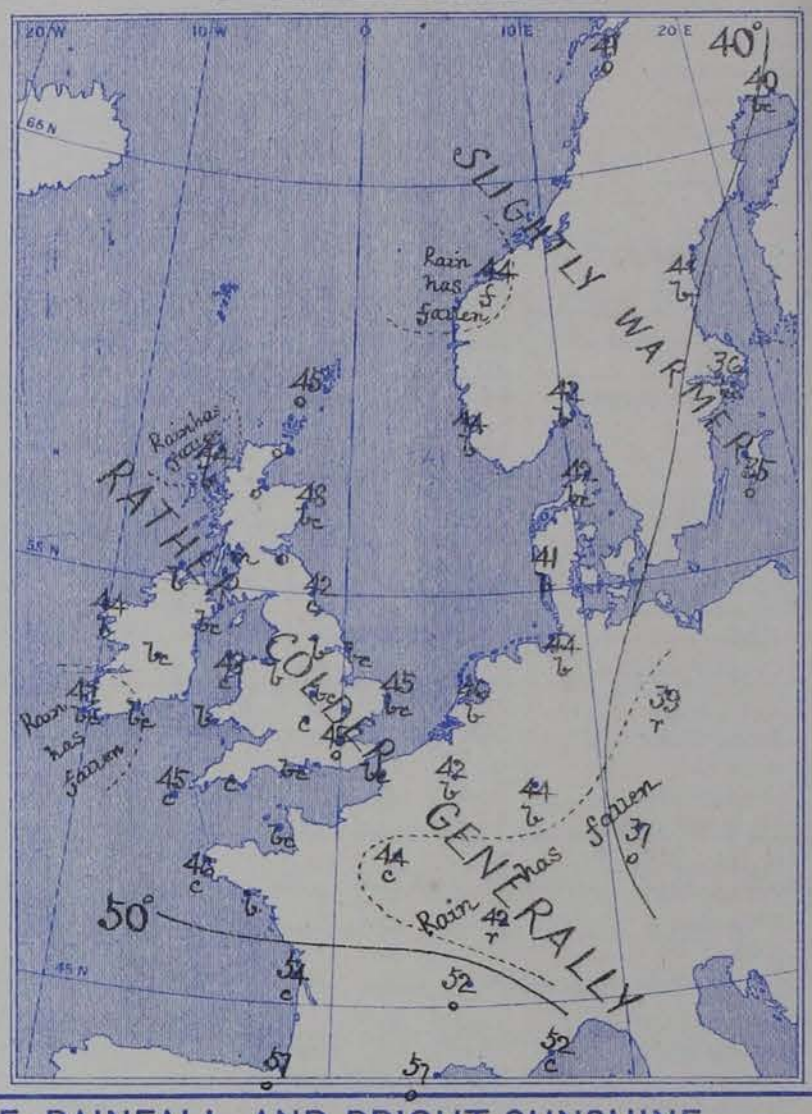


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 · 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 · 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 in: and upwards in the east of Scotland and the west of Norway; 30·1 in: and upwards, in an anticyclone covering Scandinavia, Denmark, the North Sea, and all but the southern parts of our Islands.
Lowest, 29·5 in: and less, in a large depression lying over the Spanish Peninsula.
Gradient slight generally, but moderate over the English Channel.
Barometer falling in most parts of our Islands and France, but rising in Scandinavia, Denmark, and Germany.

TEMPERATURE

Highest, 57° at Bianitz and Perpignan, 55° at Lisbon, 54° at Rochefort, 51° at Lyons and 49° at Dungeness.
Lowest, (1) 35° at Wicky, 36° at Stockholm, 31° at Mimisk; (2) 40° at Nairn and 42° at Loughborough.
The maxima registered yesterday were very little above 50° on any but our extreme western coasts; at Valencia the thermometer rose to 59°.

WIND

E or NE over Western Europe as a whole, and strong in force on our more southern coasts, with a gale at Prawle Point.
Calm or NW over the northern parts of Scandinavia.

WEATHER

Fair or fine generally, but dull at several stations in Germany and the east and south of France, with rain at Belfort and Berlin.
Slight snow fell yesterday in the south of Ireland and also in the Hebrides, but in other parts of our Islands the weather remained dry.

SEA

Rough at Prawle Point and rather rough at the Channel stations generally, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over Spain appears to be spreading slowly northwards, and is likely to occasion a further increase in the strength of the easterly winds on our southern coasts. At present the weather seems likely to remain dry over the greater part of the United Kingdom.

FORECASTS

For the 24 hours ending at NOON on 24TH APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	E 24h to SE 24h winds, light; fair generally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	E 24h and NE 24h winds, moderate or fresh; fair generally.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
↑5	ENGLAND SOUTH	E 24h winds, strong to a gale on coast; fair generally.
6	SCOTLAND WEST	Same as Nos 0 and 1
7	ENGLAND N.W.	Same as Nos 2 to 4.
↑8	ENGLAND S.W.	Same as No 5.
9	IRELAND NORTH	E 24h and SE 24h winds, freshening; fair at first, some showers later.
10	IRELAND SOUTH	
	WARNINGS	At 7·10 pm yesterday to district 5 and part of 8 HOIST NORTH CONE.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·16	51	46	N NW	6	b	2	Valencia	30·04	56	52	E	4	cm	4
Sumburgh Head	30·31	45	43	WNW	1	o	3	Scilly	29.95	51	49	E	5	om	4
Stornoway	30·27	53	49	S	2	b	2	Jersey	29.95	52	50	NE	7	o	4
Aberdeen	30·34	45	42	NE	2	c	3	Hurst Castle ...	30·04	52	48	ENE	4	cm	3
Shields	30·27	46	43	NE	2	c	2	Dungeness ...	30·05	49	44	NE	6	c	5
Ardrossan	30·23	53	49	NE	3	bm	2	North Foreland	30·12	45	42	NE	5	o	4
Malin Head ...	30·22	48	46	ESE	4	b	2	London (Westminster)	30·10	49	42	NE	3	c	*
Belmullet	30·16	55	51	E	3	b	*	Yarmouth ...	30·12	47	43	ENE	4	bc	4
Holyhead	30·17	49	46	ENE	5	b	4	Rochefort ...	29·80	73	66	E	4	c	*

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

Weather in morning fair or fine in all the more northern and eastern parts of our Islands, as well as in Scandinavia, Denmark, and the greater part of Austria and Italy. Cloudy or dull elsewhere, with rain at Rochebint, Paris, Brussels, Breslau, Moscow, and Hermannstadt. No important change occurring over Western Europe during day, but rain falling in many parts Germany and the East of France.

Temperature fallen in our Islands and also in Austria and Italy, risen in most other countries. Morning readings highest 71° at Algiers, 69° at Bilbao, 64° at Oran, and 61° at Barcelona and Malta, above 55° in many parts of southern Europe. Lowest 32° at Archangel, 33° at Hango, 34° at St Petersburg, and 36° at Stockholm; below 40° over Sweden and northern Russia generally, and very little above it over the central parts of Great Britain. Daily maxima over our Islands very little above 50° on any but our extreme western coasts; thermometer exceeding 60° in the west of France, exceeding 70° in the south of that country, and reaching 77° at Biarritz.

Wind light to fresh from the NE^{ly} in most parts of Great Britain, France, and the Netherlands, and from the E^{ly} or SE^{ly} in Ireland, as well as over the Spanish Peninsula. Variable in the west of Norway, but N^{ly} in all other parts of Scandinavia, and NW^{ly} in Denmark, Germany, and Austria; variable in the north of Russia; SE^{ly} in the south of that country. Light and variable over Italy and the south of France. Subsequently moderately in force from the E^{ly} or NE^{ly} over the English Channel; no important change occurring elsewhere.

Barometer highest 30·2 in: and upwards in an anticyclone extending from the N^{ly} over all the more northern parts of Great Britain. Lowest 29·6 in: and less, in a depression off the Portuguese coasts; 29·8 in: and less in three shallow systems,—one lying over the Baltic Provinces, another over Central Russia, and the third over the south of that country. Portuguese depression subsequently moving northeastwards, and barometer beginning to fall over France and our extreme southern coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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, 24th April, 1897.

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 ...	30·22	38	SW	0	b	30·23	+·13	44	38	+ 4	SW	0	b	#	b	#	50	28	-
	Hernösand ...	30·29	33	SW	0	b	30·36	+·12	39	36	- 2	SW	0	b	#	b	#	54	27	-
	Stockholm ...	30·24	39	NE	2	b	30·26	+·09	41	37	+ 5	N	2	b	#	b	#	48	30	-
	Wisby	30·18	36	NNE	4	b	30·18	+·06	39	37	+ 4	ENE	4	b	#	b	#	41	30	-
	Karlstad ...	30·26	44	E	2	b	30·30	+·07	41	39	- 1	NE	2	b	#	b	#	#	#	-
	Bodö	30·37	41	SW	0	c	30·41	+·13	42	39	+ 1	S	2	0	1	c	#	45	37	-
	Christiansund ...	30·33	44	ENE	3	b	30·30	-·08	43	40	- 1	E	1	b	2	b	#	48	39	-
	Skudesnaes ...	30·25	45	SW	0	b	30·30	·00	46	41	+ 2	E	2	b	1	b	#	50	37	#
	Færder (Christiania Fjord)	30·22	?	NNE	1	b	30·30	+·03	42	40	0	NNE	3	b	2	b	#	48	39	-
	Skagen (The Scaw)	30·23	45	E	1	bc	30·26	+·03	43	40	+ 1	E	1	b	0	bc	#	50	39	-
	Fanö	30·15	43	E	2	b	30·15	-·02	41	40	0	E	2	b	#	b	#	55	37	-
British Islands	Sumburgh Head	30·27	45	E	1	o	30·21	-·13	45	41	0	ESE	1	o	2	o	#	48	42	-
	Stornoway ...	30·16	52	ENE	3	b	30·12	-·14	45	43	+ 1	SSE	3	o	4	b	13·2	55	39	-
	Wick	30·20	46	SE	2	bc	30·17	-·14	44	43	- 1	SE	3	o	2	bc	#	52	42	-
	Nairn	30·18	48	ENE	2	b	30·14	-·16	45	43	+ 5	SW	0	b	1	b	#	50	34	-
	Aberdeen ...	30·23	44	NE	2	c	30·20	-·12	44	41	- 4	ESE	2	b	1	bc.c	7·1	49	39	-
	Leith	30·20	45	ENE	2	o	30·17	-·13	41	39	- 1	ENE	1	o	#	o	#	46	36	-
	Shields	30·19	43	NE	2	c	30·13	-·14	42	41	0	NE	2	o	3	c	#	41	39	-
	Spurn Head ...	30·09	44	NE	4	bc	30·02	-·18	45	44	0	ENE	4	b	4	bc	#	49	41	-
	York	30·15	47	NNE	2	b	30·08	-·16	44	41	- 1	NE	2	bc	#	b	11·6	51	37	-
	Loughborough ...	30·07	48	ENE	4	b	30·02	-·16	42	41	0	NE	3	omw	#	bcq, bc	#	52	36	-
	Ardrossan ...	30·15	45	NE	3	bm	30·12	-·13	43	42	0	NE	3	cm	1	bm	#	51	36	-
	Malin Head ...	30·10	46	ESE	4	b	30·08	-·13	45	43	+ 2	SE	4	bcm	2	b	#	48	40	-
	Belmullet ...	30·05	51	ESE	4	b	30·05	-·10	44	43	0	ESE	2	c	#	bc, b	#	54	37	-
	Donaghadee ...	30·13	47	ENE	4	b	30·11	-·14	43	41	+ 1	E	5	c	4	b	#	51	39	-
	Liverpool (Bidston)	30·07	49	E	4	c	30·05	-·13	44	40	0	ENE	3	bc	2	bcm	#	51	38	-
	Holyhead ...	30·04	48	ENE	5	bc	30·04	-·15	43	41	0	ENE	4	o	3	b, bc	#	50	39	-
	Parsonstown ...	30·00	50	E	2	b	30·00	-·12	43	41	- 2	E	2	c	#	b	12·3	55	35	-
	Valencia ...	29·92	54	ESE	4	b	29·93	-·11	46	42	- 1	ENE	2	bm	3	bc, b	12·3	55	39	-
	Roche's Point ...	29·97	51	ESE	6	b	29·96	-·11	48	44	+ 3	ESE	5	b	4	b	#	52	40	-
	Pembroke (St. Ann's Hd.)	29·91	50	ESE	5	b	29·93	-·13	45	44	0	E	4	b	3	b	13·2	52	39	-
	Scilly	29·80	51	ENE	5	c	29·80	-·10	47	44	+ 2	ENE	6	c	5	c	9·7	52	43	-
	Prawle Point ...	29·81	48	ENE	7	b	29·83	-·12	45	43	+ 1	ENE	7	c	6	b, c	#	49	42	-
	Jersey (St. Aubin's)	29·73	52	ENE	7	b	29·73	-·13	48	44	0	ENE	7	cm	5	bc, b	#	53	45	-
	Hurst Castle ...	29·87	50	ENE	6	b	29·86	-·15	48	46	+ 1	ENE	5	bcm	3	bc, b	#	52	44	-
	Dungeness ...	29·86	48	ENE	7	b	29·82	-·20	48	43	- 1	ENE	6	b	5	b	#	51	45	-
	North Foreland	29·97	47	E	6	b	29·92	-·17	47	45	+ 1	E	6	bc	5	b	#	49	44	-
	London (Brixton) ...	29·96	48	ENE	4	b	29·92	-·16	47	42	+ 2	ENE	4	c	#	bc, b	8·3	52	40	-
	Oxford	29·99	44	NE	3	b	29·96	-·15	46	42	+ 3	NE	3	b	#	b	#	51	38	-
	Cambridge ...	30·03	48	E	4	b	29·98	-·17	47	43	+ 2	ENE	3	bw	#	b	9·0	53	33	-
	Yarmouth ...	30·03	46	ENE	4	b	29·97	-·16	45	42	0	ENE	5	bc	4	b	#	48	43	-
Germany & Holland.	Cuxhaven ...	30·05	47	ESE	4	bc	30·06	-·04	42	41	- 2	E	5	o	#	bc	#	50	39	-
	Berlin	30·03	41	N	4	c	30·02	-·01	38	37	- 1	NNE	3	o	#	c	#	45	36	0·08
	Wiesbaden ...	*	*	*	*	*	29·83	-·20	46	39	+ 2	NE	5	b	#	#	#	54	39	-
	Munich	29·91	41	E	4	o	29·69	-·28	35	34	- 2	E	6	o	#	o	#	46	32	0·04
	The Helder ...	30·04	48	NE	5	b	30·01	-·13	41	39	- 5	E	3	c	1	b	#	48	41	-
Belgium.	Brussels ...	*	*	*	*	*	29·85	-·21	40	37	- 2	ENE	5	b	#	b	#	53	35	-
	Cape Gris Nez ...	29·86	47	E	6	b	29·82	-·17	44	41	+ 1	E	5	b	4	b	#	50	37	-
	Paris	29·73	56	ENE	4	bc	29·67	-·22	44	41	0	NNE	4	b	#	bc	#	61	40	-
	Brest	29·63	53	ENE	5	b	29·69	-·04	47	44	+ 1	ENE	3	c	2	b	#	57	43	-
	Lorient	29·56	57	E	5	b	29·62	-·08	46	44	- 1	ENE	6	c	3	b	#	59	37	-
France &	Rochefort ...	29·43	65	ENE	6	b	29·49	-·11	48	46	- 6	ENE	5	bc	#	b	#	73	45	-
	Belfort	29·72	46	E	6	o	29·54	-·29	41	37	- 1	E	7	o	#	o	#	52	40	-
	Lyons	29·54	59	NNW	2	c	29·49	-·24	45	42	- 7	N	1	o	#	c	#	68	45	-
	Nice	29·49	62	E	7	o	29·25	-·53	64	51	+ 12	ENE	7	o	7	o	#	68	52	-
	Perpignan ...	29·44	59	S	1	o	29·34	-·37	55	55	- 2	NE	3	1	#	o	#	67	53	0·55
	Biarritz ...	29·36	58	WSW	5	o	29·44	·00	57	56	0	W	5	o	4	o	#	72	55	-
Peninsula.	Corunna ...																#			
	Lisbon	29·67	56	WSW	4	c	29·75	+·23	58	55	+ 3	SW	4	o	#	c	#	63	55	-
	Azores (P. Delgada)	30·07	59	NNW	4	bc	30·06	+·09	54	52	- 5	NNW	5	c	4	bc	#	63	50	-

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

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

Bright Sunshine yesterday Southport 12.4 hrs;

WEATHER CHARTS

FOR Saturday, 24th April, 1897.

BAROMETER, WIND AND SEA.

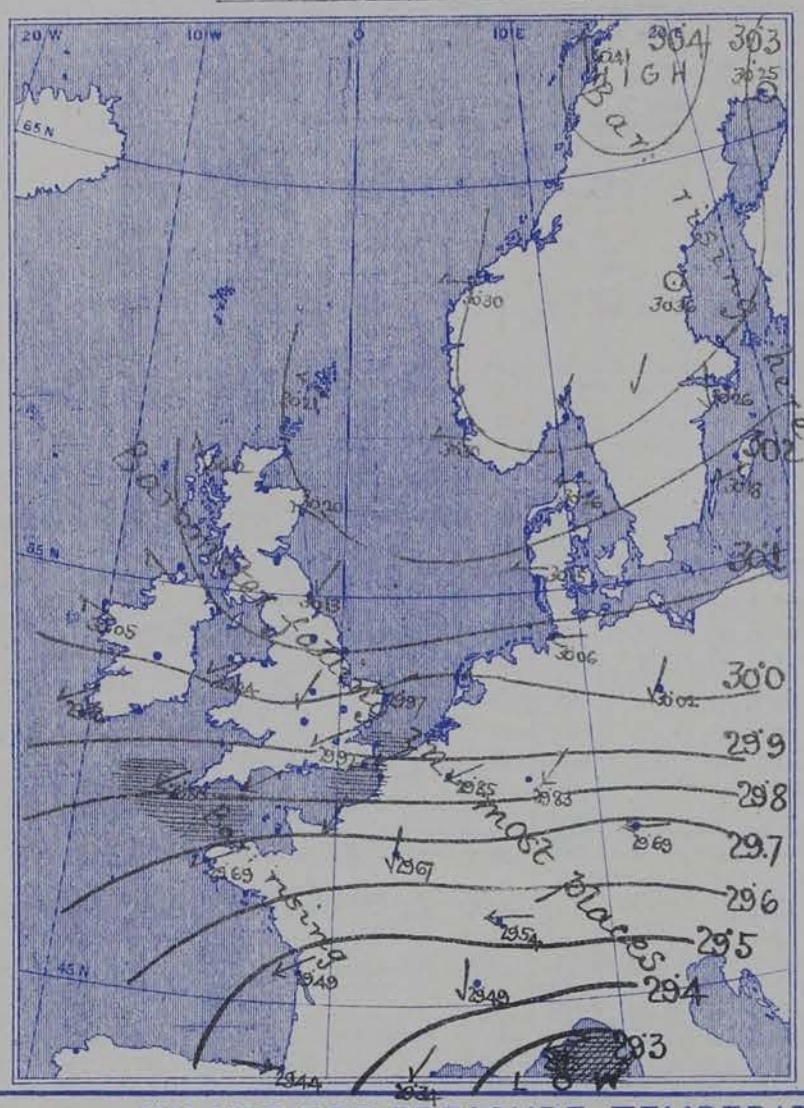
BAROMETER—*Isobars are drawn for each tenth of an inch.*

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

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

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

SEA—*Rough* ; *High*

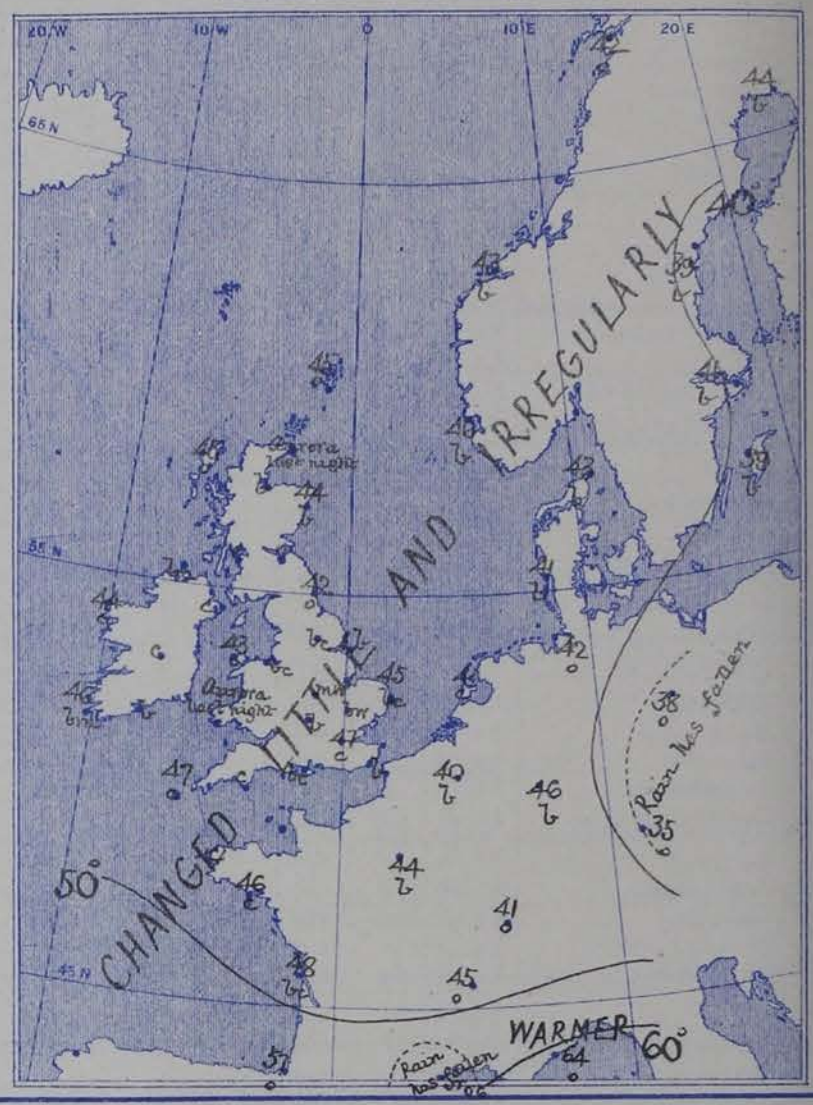


TEMPERATURE & WEATHER.

TEMPERATURE—*Isotherms are drawn for each 10°.*

WEATHER—*Shown by Letters of the Beaufort Scale.*

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 · 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 · 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest, 30·41 in: at Bodø; 30·2 in: and upwards in an anticyclone covering the whole of Scandinavia and Denmark with the northern parts of Great Britain and the North Sea.
Lowest, 29·3 in: and less, in a depression lying off the south of France.
Gradients moderate or slight generally. Barometer rising a little in the south of our Islands and the west of France, as well as in Sweden, falling elsewhere, — briskly in the South of France.

TEMPERATURE — Highest, 64° at Nice, 58° at Lisbon, 57° at Biarritz, 55° at Perpignan, and 48° at Rockt Point, Hurst Castle, Dungeness, and Rochefort.
Lowest, 35° at Nairn, 38° at Belfast, 39° at Hemisand, and 40° at Brussels; lowest in our Islands 41° at Leith.
During yesterday the thermometer rose to 50° or a little above it in many parts of the United Kingdom and to 55° at Parsonstown and Valencia.

WIND — E to NE over Western Europe as a whole, and very strong in force over the English Channel, as well as at Belfort and Nice.
SE on our own extreme north and northwest coasts; calm over the northern part of Sweden.

WEATHER — Fine over the greater part of our area, but dull in the northeast of Great Britain, as well as in Germany and the south of France, with rain at Perpignan.
No rain has fallen at any of our own stations, but small quantities were measured this morning in Germany.
Aurora was seen last night at Wick and Pembroke.

SEA — High at Nice, rough at Prawle Point, and rather rough at the English Channel stations generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

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

FORECASTS

For the 24 hours ending at NOON on 25th APRIL 1897.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	E and SE winds, light; fair generally.	6 SCOTLAND WEST 7 ENGLAND N.W.	Same as Nos 2 to 4
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES	NE winds, moderate; fair generally	8 ENGLAND S.W.	Same as No 5.
▼ 5 ENGLAND SOUTH	E and NE winds, strong on coast; fair generally.	9 IRELAND NORTH 10 IRELAND SOUTH	E and SE winds, moderate or fresh; fair generally.
		WARNINGS	The North Cone is still flying in district 5 and part of 8.

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 ...	30·28	50	41	WSW	1	b	1
Sumburgh Head	30·31	46	41	E	1	o	2
Stornoway	30·22	55	48	S	3	b	3
Aberdeen	30·28	46	44	ENE	2	bc	2
Shields	30·22	45	43	NE	2	c	3
Ardrossan	30·16	51	48	ENE	3	bcm	1
Malin Head ...	30·16	48	45	ESE	4	b	2
Belmullet	30·11	54	48	ESE	3	bc	*
Holyhead	30·10	48	45	NE	5	b	4

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·95	54	45	E	4	bc	4
Scilly	29·83	50	46	ENE	6	c	4
Jersey	29·78	52	48	ENE	8	bc	5
Hurst Castle ...	29·93	52	48	ENE	5	bc	3
Dungeness ...	29·91	50	46	ENE	7	b	6
North Foreland	30·02	48	46	E	6	bc	5
London (Westminster)	30·00	51	44	ENE	3	be	*
Yarmouth ...	30·08	48	45	ENE	4	b	4
Rochefort ...	29·48	71	65	ENE	5	b	*

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

Weather in mostly fair or fine over our Islands and the northern parts of the Continent generally, as well as in Italy and the south of Russia. Dull over Spain and the southern parts of France, and also in Germany and Austria, with rain in several places. No important change occurring during day; aurora seen at night at Wisk and Pembroke.

Temperature risen a little over the northern parts of the Continent, but fallen elsewhere. Morning readings highest 70° at Tunis, 68° at Arcmale, 66° at Algiers, and 65° at Brindisi; above 55° over southern Europe generally. Lowest 27° at Archangel, 35° at Wisby, and 36° at Stockholm, St Petersburg, and Swinemunde: below 40° in many parts of northern and central Europe, and just touching that point at Nairn. Rising during day to 50° and upwards in most parts of the United Kingdom, and to 55° at Stornoway, Parsontown and Valencia; exceeding 60° at many of the French stations, and reaching 72° at Biarritz.

Wind E[1] or NE[1] over western and northern Europe as a whole, but SE[3] on our own extreme western coasts; strong to a gale in force over the English Channel. Calm or NW[1] over the extreme northern parts of Russia and Scandinavia. N[1] or NW[1] in Germany and also over Spain; S[1] in the south of Italy. Shifting later to the W[2] in the southwest of France; no important change occurring elsewhere.

Barometer highest 30·3 ins[4] and upwards in the east of Scotland and the west of Norway; 30·1 ins: and upwards in an anticyclone covering nearly the whole of northern Europe, the North Sea, and the more northern parts of the United Kingdom. Lowest 29·4 ins: and less, in two depressions, one lying over the northeast of Spain and the other off the Algerian coasts; 29·8 ins: and less, in a shallow area over Austria. Depressions both moving northeastwards later; barometer falling in most parts of Western Europe, but rising again in Spain.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 25th April, 1897.

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 ...	30·26	40	SW	0	b	30·32	+ ·09	41	38	− 3	N	2	b	*	b	*	52	28	—
	Hernösand ...	30·29	37	SW	0	b	30·36	·00	41	36	+ 2	SW	0	b	*	b	*	57	27	—
	Stockholm ...	30·30	41	SW	0	b	30·30	+ ·04	47	42	+ 6	E	2	b	*	b	*	52	30	—
	Wisby	30·20	38	NNE	4	b	30·22	+ ·04	49	41	+ 8	ESE	4	b	*	b	*	48	30	—
	Karlstad ...	30·25	49	NE	2	b	30·27	— ·03	46	39	+ 5	NE	4	b	*	b	*	*	*	—
	Bodö	30·38	41	N	2	b	30·36	— ·05	43	40	+ 1	SW	0	b	0	b	*	43	37	—
	Christiansund ...	30·33	48	SW	0	b	30·30	·00	46	40	+ 3	S	2	b	3	b	*	48	41	—
	Skudesnaes ...	30·21	47	N	2	b	30·17	— ·13	47	42	+ 1	NE	2	bc	1	b	*	57	37	*
	Færder (Christiania Fjord)	30·20	50	E	1	b	30·25	— ·05	41	39	− 1	NE	4	b	2	b	*	50	41	—
	Skagen (The Scaw)	30·19	45	E	2	b	30·14	— ·12	44	40	+ 1	E	4	c	1	b	*	55	41	—
	Fanö	30·05	47	E	2	c	29·95	— ·20	44	42	+ 3	E	4	o	*	c	*	?64	41	—
British Islands.	Sumburgh Head	30·21	44	ESE	1	b	30·13	— ·08	44	43	− 1	NE	2	c	3	b	*	48	38	—
	Stornoway ...	30·07	52	SSE	2	b	30·03	— ·09	44	43	− 1	SSE	4	o	4	b	10·5	53	40	—
	Wick	30·14	46	E	3	bc	30·06	— ·11	46	44	+ 2	E	3	bc	2	bc	*	49	32	—
	Nairn	30·07	53	SE	1	b	30·05	— ·09	43	41	− 2	SW	0	c	1	b	*	60	30	—
	Aberdeen ...	30·16	43	E	2	b	30·05	— ·15	47	44	+ 3	E	2	bc w	2	b	11·3	48	39	—
	Leith	30·10	44	E	2	b	30·02	— ·15	46	43	+ 5	E	3	c	*	b	*	49	34	—
	Shields	30·08	45	ENE	3	b	29·97	— ·16	45	43	+ 3	NE	3	c	3	b	*	49	40	—
	Spurn Head ...	29·99	45	ENE	4	c	29·91	— ·11	45	44	0	NE	3	c	4	c	*	49	41	—
	York	30·03	43	NE	1	b	29·93	— ·15	46	42	+ 2	NNE	2	b	*	b	7·7	51	34	—
	Loughborough ...	29·96	46	ENE	4	c	29·92	— ·10	42	41	0	ENE	2	c mw	*	c q. c	*	50	37	—
	Ardrossan ...	30·04	50	NE	3	c	29·99	— ·13	42	42	− 1	ENE	2	c m	1	c	*	54	37	—
	Malin Head ...	30·01	47	E	4	bc m	29·96	— ·12	42	41	− 3	E	5	o	2	b. bc m	*	49	41	—
	Belmullet ...	29·99	52	ESE	4	o	29·91	— ·14	46	44	+ 2	ESE	3	c	*	o	*	55	36	—
	Donaghadee ...	30·03	49	E	5	bc	29·98	— ·13	44	42	+ 1	E	5	bc	3	bc	*	52	40	—
	Liverpool (Bidston)	29·96	48	ENE	4	c	29·93	— ·12	43	40	− 1	ENE	2	bc	2	c	*	51	38	—
	Holyhead ...	29·94	47	NE	3	c m	29·92	— ·12	45	42	+ 2	NE	3	c m	2	bc. c m	*	49	41	—
	Parsonstown ...	29·95	50	E	2	b	29·87	— ·18	43	41	0	ENE	2	o	*	b. o m	8·1	54	33	—
	Valencia ...	29·88	50	W	3	c	29·79	— ·14	45	42	− 1	ENE	3	o m	3	bc. c	11·4	58	39	—
	Roche's Point ...	29·90	?51	ESE	4	b	29·80	— ·16	46	44	− 2	ESE	5	o	4	b	*	52	42	—
	Pembroke (St. Ann's Hd.)	29·87	48	ESE	3	o	29·81	— ·17	45	44	0	ESE	4	o	3	c. o	6·8	51	42	—
	Scilly	29·80	50	E	4	c	29·69	— ·11	48	46	+ 1	ENE	6	o m	3	c. c m	5·0	52	44	—
	Prawle Point ...	29·80	47	ENE	5	c	29·76	— ·07	45	44	0	ENE	6	o	5	c	*	49	42	—
	Jersey (St. Aubin's)	29·75	49	ENE	6	c	29·74	+ ·01	49	46	+ 1	ESE	5	o g m	4	bc. c	*	52	45	—
	Hurst Castle ...	29·83	48	ENE	5	c	29·81	— ·05	47	46	− 1	ENE	4	c	2	c	*	52	43	—
	Dungeness ...	29·78	48	NE	6	b	29·81	— ·01	48	45	0	ENE	3	c	3	bc. b	*	50	45	—
	North Foreland	29·83	47	E	5	b	29·86	— ·06	46	45	− 1	E	4	c	4	bc. b	*	47	44	—
	London (Brixton) ...	29·87	46	ENE	3	bc	29·86	— ·06	43	42	− 1	ENE	2	c	*	o. bc. b	4·7	51	40	—
	Oxford	29·90	44	NE	3	o	29·88	— ·08	45	42	− 1	ENE	3	bc	*	o	*	51	40	—
	Cambridge ...	29·92	46	E	3	o	29·89	— ·09	45	43	− 2	E	1	o	*	bc. o	8·7	53	39	—
	Yarmouth ...	29·90	45	ENE	5	b	29·86	— ·11	44	42	− 1	NNE	3	c	4	b	*	47	40	0·05
Germany & Holland.	Cuxhaven ...	29·94	45	?E	6	o	29·86	— ·20	43	43	+ 1	E	4	o	*	o. r	*	50	41	0·16
	Berlin	29·87	45	NE	2	o	29·86	— ·16	44	43	+ 6	E	2	r	*	o	*	50	38	0·04
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich	29·60	42	E	4	o	29·82	+ ·13	42	41	+ 7	SW	2	o	*	o	*	45	34	—
	The Helder ...	29·88	47	NE	7	b	29·82	— ·19	44	42	+ 3	E	1	c	1	b	*	48	41	0·08
Belgium.	Brussels ...	*	*	*	*	*	29·83	— ·02	44	41	+ 4	ENE	1	b	*	b	*	51	34	—
	Cape Gris Nez ...	29·76	47	E	5	b	29·80	— ·02	43	41	− 1	E	2	bc	3	b	*	48	37	—
	Paris	29·68	54	NE	3	b	29·79	+ ·12	42	39	− 2	NNE	2	c	*	b	*	58	37	—
	Brest	29·67	50	ENE	4	o	?	?	45	42	− 2	E	2	o	3	o	*	54	41	0·12
	Lorient	29·64	52	NE	5	o	29·66	+ ·04	47	45	+ 1	E	5	o	4	o	*	59	45	—
France &	Rochefort ...	29·56	61	ENE	4	b	29·65	+ ·16	49	46	+ 1	E	3	c	*	b	*	68	45	—
	Belfort	29·60	42	S	4	o	29·76	+ ·23	41	39	0	NE	3	o	*	o	*	49	39	—
	Lyons	29·55	55	E	1	o	29·74	+ ·25	47	44	+ 2	NNW	1	b	*	o	*	57	41	—
	Nice	29·42	54	SW	0	c	29·67	+ ·42	56	53	− 8	SW	0	c	4	c	*	68	52	—
	Perpignan ...	29·52	64	W	3	o	29·71	+ ·37	59	56	+ 4	SW	0	b	*	o	*	67	50	0·04
	Biarritz ...	29·58	57	WSW	4	o	29·67	+ ·23	57	57	0	S	2	o	2	o	*	61	55	—
Peninsula.	Corunna ...	29·63	62	SW	3	o	29·60	+ ·02	60	55	+ 2	S	3	b	3	o	*	63	52	—
	Lisbon	29·75	58	S	4	o	29·67	— ·08	58	55	0	SSW	4	bc	*	o	*	63	54	0·12
	Azores (P. Delgada)	30·06	54	NNW	4	bc	30·00	— ·06	57	54	+ 3	NW	5	o	4	bc	*	59	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 now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 5·9 *hrs.;*

WEATHER CHARTS

FOR SUNDAY, 25TH APRIL, 1897.

BAROMETER, WIND AND SEA.

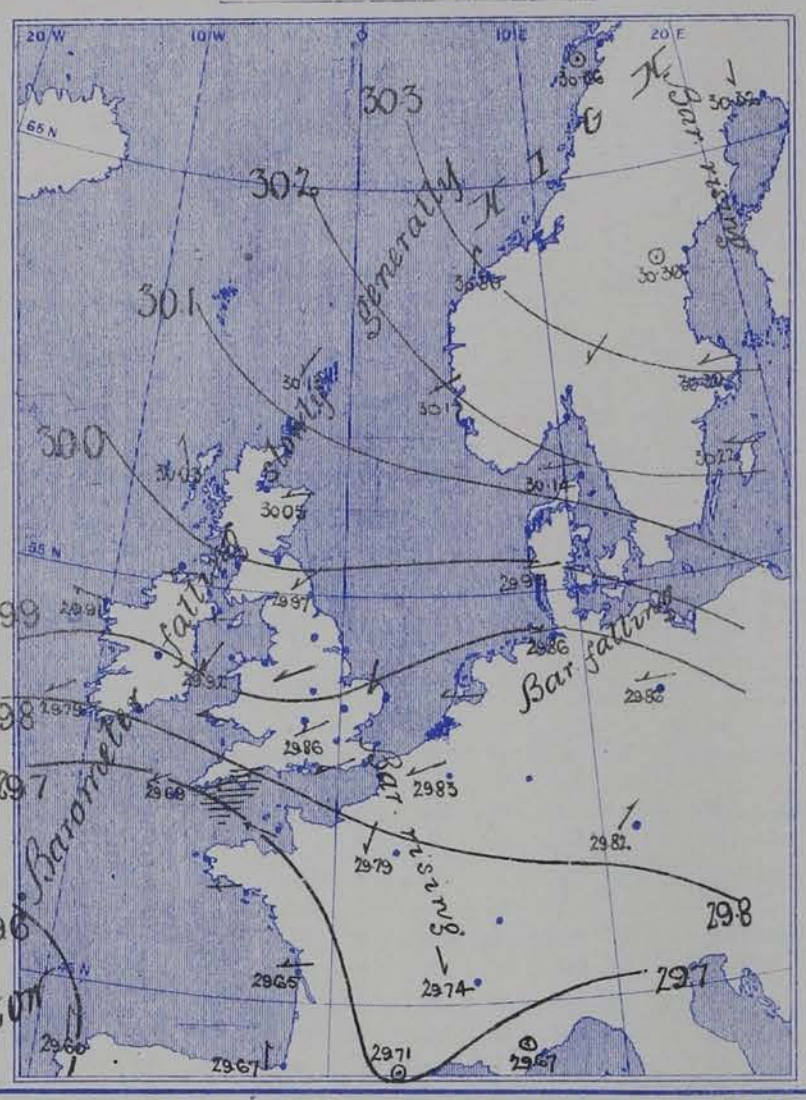
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

Force 8 to 10 ⟶⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ; High

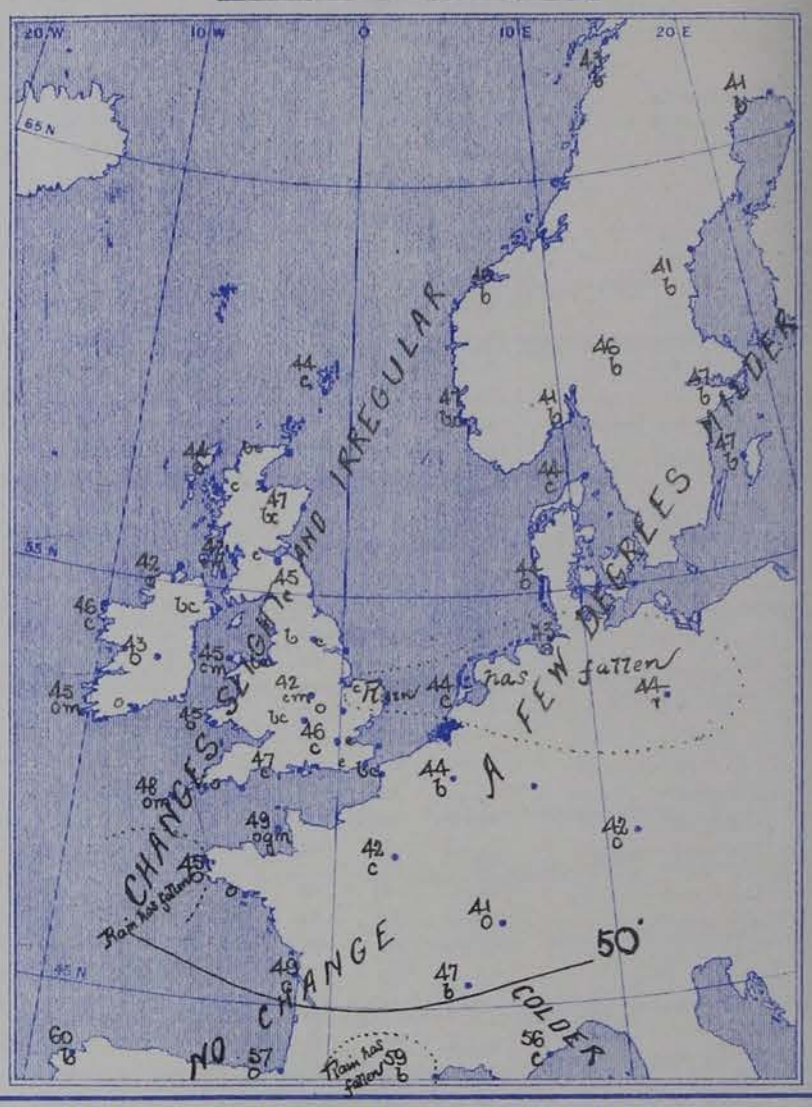


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 in: and upwards, over all the more northern parts of Scandinavia.
Lowest, 29·6 in: and less, in a depression lying off the Portuguese coasts.
Gradients slight. Barometer rising in Sweden and also over France and South Germany, but falling elsewhere.

TEMPERATURE

Highest, 60° at Cromer, 59° at Perpignan, 58° at Lisbon, 57° at Biarritz, 56° at Nice, and 49° at Jersey and Rochefort.
Lowest, (1) 41° at Haparanda and Hernösand; (2) 41° at Belfast, and 42° at Paris and Munich; (3) 42° at Loughborough, Ondrasan, and Malin Hd.
During yesterday the thermometer rose to 50° and upwards in many parts of the United Kingdom, the highest readings reported being 60° at Nairn, and 58° at Valencia (Ireland).

WIND

E. or NE. over Western Europe as a whole: light to moderate in force generally, but strong in the western parts of the English Channel
Calm or variable over the northern parts of Scandinavia and also in the south of France; S. at Biarritz and on the Portuguese coasts.

WEATHER

Fine over all the more eastern parts of the United Kingdom, as well as in Scandinavia, the Netherlands, and the east and south of France.
Cloudy or dull on the west coasts of our Islands and France, and also in Denmark and Germany, with rain at Berlin.
A little rain fell yesterday over North Germany and the Netherlands and also at Yarmouth, but over our Islands generally the weather remained very dry.

SEA

Moderate to smooth generally, but rather rough at Prawle Point.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 26th APRIL 1897.

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.
Skudenaes ...	30·27	57	46	S	2	b	1
Sumburgh Head	30·22	45	41	ESE.	1	b	2
Stornoway	30·10	53	49	SSE.	3	b	4
Aberdeen	30·19	47	44	E.	3	b	2
Shields	30·10	47	45	ENE.	2	b	3
Ardrossan	30·07	52	49	NE.	3	c	1
Malin Head ...	30·07	49	47	SE.	4	b	2
Belmullet	30·03	55	50	ESE.	3	be	*
Holyhead	29·99	48	45	NE.	4	be	3
Valencia	29·91	55	47	E.	2	be	3
Scilly	29·80	51	46	ENE.	5	c	4
Jersey	29·74	51	46	ENE.	6	be	5
Hurst Castle ...	29·83	51	47	ENE.	4	c	3
Dungeness ...	29·80	49	44	ENE.	6	be	5
North Foreland	29·88	45	42	E.	6	be	5
London (Westminster)	29·87	48	42	E.	3	o	*
Yarmouth ..	29·93	46	43	ENE.	5	o	5
Rochefort ...	29·53	64	58	ENE.	5	b	*

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

Weather in morning fine over western and northern Europe generally, as well as in the south of Russia. Dull in most other parts of the Continent, with rain at Moscow, Nerfahrwasser, Turin, Perpignan and Alpiate, and a thunderstorm at Toulon. A little rain falling later over North Germany, the Netherlands, and the east coasts of England; no important change occurring elsewhere.

Temperature risen considerably over Italy and the south of France; changed irregularly elsewhere. Morning readings highest, 72° at Spezia, 68° at Rome and Palermo, and 67° at Livorno, Brindisi, Naples and Malta; above 60° at many of the Mediterranean and Adriatic stations. Lowest (1) 29° at Kuopio, 32° at Archangel, and 38° at Aleaborg; (2) 35° at Prague and Munich, and 37° at Breslau; below 40° in many parts of northern and central Europe. Daily maxima very little above 50° at any of the English stations, but thermometer reaching 58° at Valencia (Ireland) and 60° at Nairn. Exceeding 60° over Spain and the south of France, and reaching 68° at Nice.

Wind E. or NE. over the greater parts of Western, central, and Northern Europe, and strong in force at the English Channel stations; SE. in the extreme north and northwest of our Islands, calm over the northern parts of Sweden. S. in the south of Russia; varying between W. and S. over the Spanish Peninsula and the southern parts of Italy. No important change occurring over Western Europe during day.

Barometer highest 30·4 in: and upwards in Finmark; 30·1 in: and upwards in an anticyclone covering the whole of Northern Europe, including the North Sea and the northern parts of Great Britain. Lowest 29·3 in: and less. in a depression lying off the south of France; 29·6 in: and less. in another disturbance over the south of Russia. No decided change occurring later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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, 26th April, 1897.

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 ...	30·36	36	N	0	b	30·36	+·04	43	39	+ 2	S	2	b	5	b	*	55	28	-
	Hernösand ...	30·41	34	N	0	b	30·41	+·05	39	33	- 2	N	0	b	*	b	*	54	28	-
	Stockholm ...	30·31	44	E	2	b	30·39	+·09	51	45	+ 4	N	0	b	*	b	*	54	30	-
	Wisby	30·25	42	SE	4	b	30·36	+·14	53	47	+ 6	SSE	4	b	*	b	*	54	30	-
	Karlstad ...	30·23	46	SE	2	b	30·29	+·02	46	42	0	ESE	2	bc	*	b	*	*	*	-
	Bodö	30·30	49	E	1	b	30·33	-·13	53	43	+ 10	E	4	b	1	b	*	53	39	-
	Christiansund ...	30·12	56	SSE	1	b	30·10	-·20	52	46	+ 6	SSE	3	bc	3	b	*	59	43	-
	Skudesnaes ...	30·03	50	N	0	c	30·18	+·01	43	41	- 4	SSE	4	o	4	0.0	*	54	41	*
	Færder (Christiania Fjord)	30·13	50	ENE	2	o	30·26	+·01	44	42	+ 3	E	1	o	1	o	*	50	41	0·04
	Skagen (The Scaw)	30·06	49	SSE	4	o	30·24	+·10	46	45	+ 2	SE	1	o	o	o	*	52	43	0·04
	Fanö	30·01	41	N	0	b	30·13	+·18	40	40	- 4	SE	2	f	*	b	*	52	37	0·12
British Isles.	Sumburgh Head	30·01	46	ENE	1	bc	29·98	-·15	43	42	- 1	SSE	1	o	3	bc	*	48	41	0·04
	Stornoway ...	29·89	50	SE	4	o	29·89	-·14	47	45	+ 3	WSW	3	o	3	bc, o	7.0	53	40	-
	Wick	29·96	47	S	4	o	29·94	-·12	44	43	- 2	WSW	2	bc	2	o	*	52	42	0·09
	Nairn	29·94	47	E	2	c	29·93	-·12	43	41	0	N	0	c	0	c	*	51	26	-
	Aberdeen ...	29·94	43	ENE	3	c	29·99	-·06	45	43	- 2	S	2	c	2	c, r	6.7	49	40	0·02
	Leith	29·90	46	E	1	o	29·97	-·05	44	42	- 2	E	1	o	*	o	*	51	40	-
	Shields	29·87	44	NE	2	c	29·98	+·01	42	42	- 3	E	2	o	3	c	*	48	41	-
	Spurn Head ...	29·81	45	ENE	2	cv	29·96	+·05	49	47	+ 4	ENE	3	bv	3	cv	*	49	43	-
	York	29·88	47	ENE	1	o	29·98	+·05	45	42	- 1	E	1	o	*	c, o	6·6	54	37	-
	Loughborough ...	29·85	49	E	1	o	29·93	+·01	47	43	+ 5	ESE	2	bc	*	c, o, bc	*	52	40	-
	Ardrossan ...	29·85	50	NE	1	c	29·93	-·06	48	47	+ 6	NNE	2	bcf	1	c	*	54	41	-
	Malin Head ...	29·83	46	ENE	3	bm	29·87	-·09	48	46	+ 6	SE	3	bcm	2	c, bm	*	48	40	-
	Belmullet	29·80	50	ESE	3	bc	29·85	-·06	47	45	+ 1	ESE	1	b	*	o, bc	*	51	36	-
	Donaghadee ...	29·84	47	NNE	3	bc	29·91	-·07	47	45	+ 3	E	4	bc	2	bc	*	52	42	-
	Liverpool (Bidston)	29·83	49	E	2	o	29·91	-·02	45	41	+ 2	E	2	o	?	o	*	51	42	-
	Holyhead ...	29·81	50	ENE	3	c	29·87	-·05	48	45	+ 3	E	3	om	2	c	*	51	42	-
	Parsonstown ...	29·77	48	ESE	2	o	29·81	-·06	46	44	+ 3	E	2	bc	*	o, r	0·3	49	40	0·07
	Valencia ...	29·70	50	ESE	3	bcm	29·73	-·06	49	46	+ 4	E	1	o	2	bcm	4·0	52	38	-
	Roche's Point ..	29·74	49	ESE	5	c	29·74	-·06	47	46	+ 1	ESE	5	rm	4	c	*	51	45	0·02
	Pembroke (St. Ann's Hd.)	29·76	49	SE	4	o	29·78	-·03	50	49	+ 5	SE	5	bc	3	c, o	4·2	52	44	-
	Scilly	29·63	47	E	5	m	29·72	+·03	50	49	+ 2	E	4	cp	3	om	0·0	50	44	0·24
	Prawle Point ...	29·73	46	ENE	5	r	29·74	-·02	49	48	+ 4	ENE	5	c	4	p.c	*	49	45	0·02
	Jersey (St. Aubin's)	29·71	54	E	4	og	29·70	-·04	55	50	+ 6	NE	4	bcm	3	bc, ogm	*	56	46	-
	Hurst Castle ...	29·78	51	ESE	2	cm	29·80	-·01	49	47	+ 2	NE	3	cm	2	c	*	55	45	-
	Dungeness ...	29·80	48	ENE	4	b	29·79	-·02	52	49	+ 4	ENE	4	c	3	b	*	53	46	-
Germany & Holland.	North Foreland	29·85	46	E	2	bc.	29·86	·00	49	48	+ 3	E	3	c	3	bc	*	50	44	-
	London (Brixton) ...	29·82	52	ESE	1	bc	29·86	·00	50	45	+ 4	E	3	bc	*	c, b	4·5	56	40	-
	Oxford	29·84	47	E	3	bc	29·87	-·01	50	45	+ 5	NE	2	bcm	*	bc	*	53	42	-
	Cambridge ...	29·85	50	E	1	o	29·90	+·01	46	44	+ 1	NE	1	bw	*	c, o	3·7	53	32	-
	Yarmouth ...	29·84	48	ENE	2	b	29·89	+·03	48	46	+ 4	ENE	4	b	4	b	*	49	42	-
	Cuxhaven ...	29·93	46	E	1	b	30·07	+·21	46	45	+ 3	E	3	b	*	r.b	*	48	41	0·08
	Berlin	30·01	53	SSE	3	o	30·12	+·26	52	48	+ 8	ESE	4	b	*	o	*	57	44	-
	Wiesbaden ...	*	*	*	*	*	29·95		52	48		NE	3	bc	*	*	*	57	48	-
	Munich... ..	29·93	46	NE	4	b	29·96	+·14	46	44	+ 2	E	4	b	*	b	*	54	34	-
	The Helder ...	29·88	48	NE	1	b	29·95	+·13	48	45	+ 4	E	2	b	1	b	*	54	44	-
France & Belgium.	Brussels ...	*	*	*	*	*	29·87	+·04	50	46	+ 6	E	2	o	*	b	*	56	43	-
	Cape Gris Nez...	29·82	47	E	3	c	29·81	+·01	46	44	+ 3	E	3	c	2	c	*	52	41	-
	Paris	29·75	57	E	2	b	29·77	-·02	52	52	+ 10	E	2	r	*	b	*	64	42	0·04
	Brest	29·66	53	SE	1	o	29·62	?	51	49	+ 6	ENE	2	c	2	o	*	52	43	0·04
	Lorient... ...	29·66	56	SSE	3	bc	29·62	-·04	52	50	+ 5	ESE	4	r	3	bo	*	59	46	-
	Rochefort ...	29·66	61	ESE	1	c	29·63	-·02	57	56	+ 8	SE	3	c	*	c	*	66	49	-
	Belfort	29·77	53	NE	3	o	29·84	+·08	51	48	+ 10	ENE	2	c	*	o	*	69	41	-
	Lyons	29·69	64	E	1	o	29·80	+·06	58	54	+ 11	S	1	b	*	o	*	71	47	-
	Nice	29·82	56	SW	2	c	29·95	+·08	58	55	+ 2	N	0	bc	1	c	*	68	50	-
	Perpignan ...	29·70	59	NE	2	o	29·76	+·05	55	54	- 4	N	1	o	*	o	*	69	52	-
	Biarritz ...	29·62	59	ENE	3	c	29·67	·00	61	55	+ 4	SSW	4	c	2	klh	*	64	57	0·59
Peninsula.	Corunna ...																*			
	Lisbon	29·69	56	SW	4	b	29·84	+·17	58	53	0	SW	5	bc	*	b	*	63	55	0·12
	Azores (P. Delgada)	30·07	57	NNW	5	bc	30·13	+·13	56	54	- 1	NW	3	o	3	bc	*	64	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 now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 5.8 hrs;

WEATHER CHARTS

FOR ..... Monday, 26th April, ... 1897.

BAROMETER, WIND AND SEA.

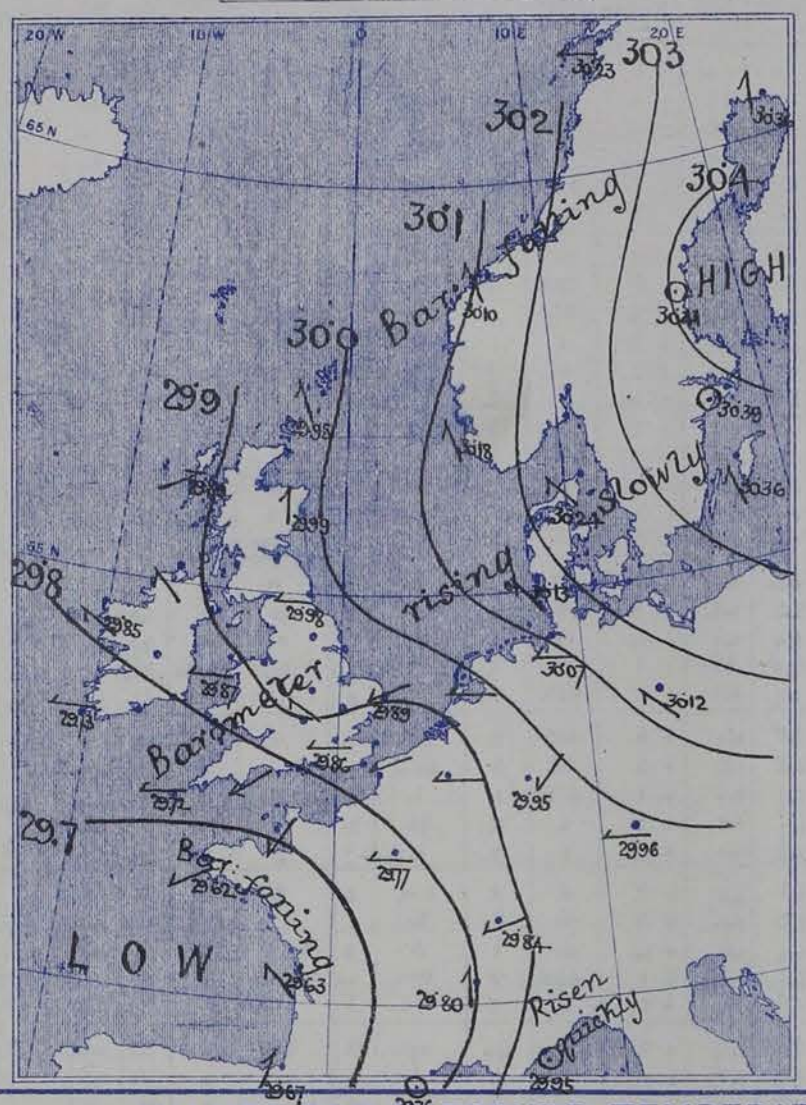
BAROMETER –*Isobars are drawn for each tenth of an inch.*

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

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

Force 8 to 10 ⟶ ;

SEA—*Rough* ≡ ; *High* ▨

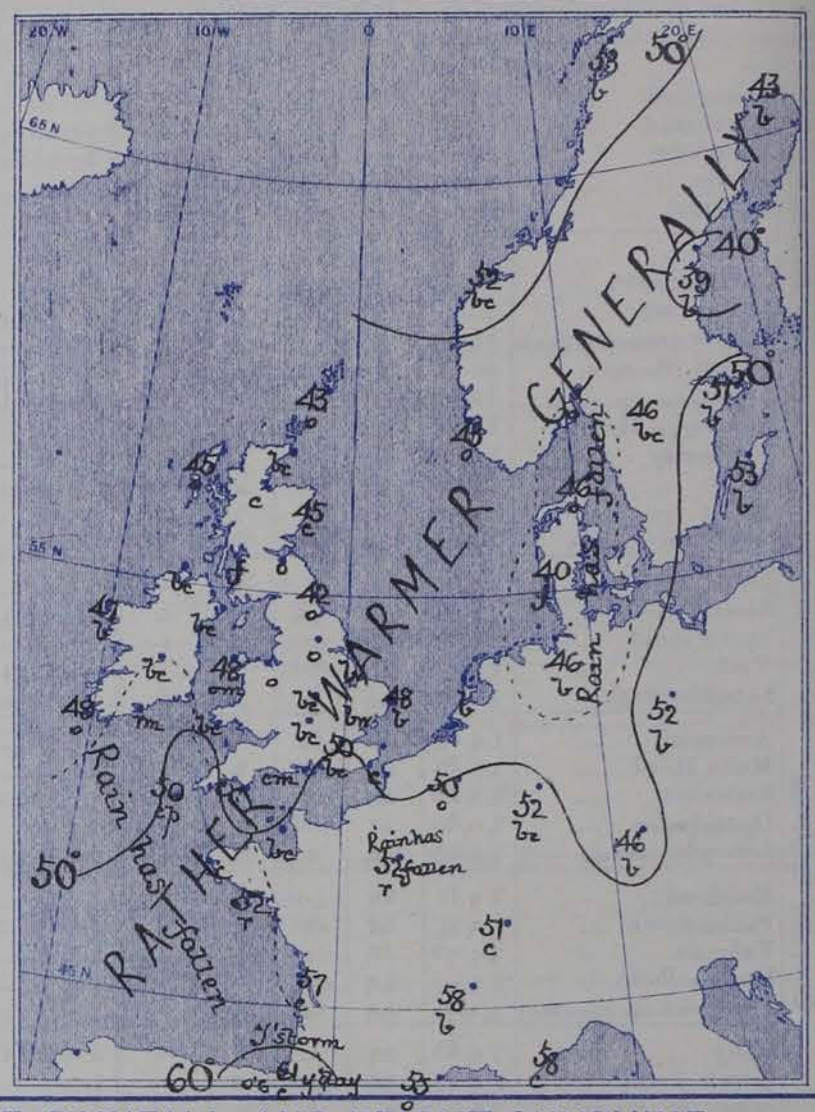


TEMPERATURE & WEATHER.

TEMPERATURE—*Isotherms are drawn for each 10°.*

WEATHER—*Shown by Letters of the Beaufort Scale.*

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 ins: and upwards over the Gulf of Bothnia.
Lowest, 29·6 ins: and less, in a shallow depression lying over the Bay of Biscay.
Gradients slight. Barometer rising in most places, but falling a little in the west of France and also over the northern parts of Scandinavia.

TEMPERATURE

Highest, (1) 61° at Biarritz, 58° at Lyons, Nice, and Lisbon, and 57° at Rochefort; (2) 53° at Bodö and Wisby, and 52° at Christiansund.
Lowest, (1) 38° at Hernösand, 40° at Paris, and 43° at Haparanda; (2) 42° at Shields, and 43° at Seimbugh Hd and Nairn.
The maxima recorded over our Islands yesterday were as a rule very little above 50°; at Hurst Castle, however, the thermometer rose to 55°, and in London and at Jersey to 56°.

WIND

E^{3} over Ireland, England, the Netherlands, Germany, and the northern parts of France; light or moderate in force generally, but fresh on our southeast coasts.
SW^{3} in the north of Scotland; SE^{3} on the eastern shores of the North Sea; calm over the central parts of Sweden
Calm or S^{3} over the southern parts of France.

WEATHER

Fair or fine over Western Europe as a whole; but dull in a few places; rain is falling at Rocks Pt., Lorient, and Paris, and passing showers at Scilly. A Solar halo is reported at Oxford.
Since yesterday morning a little rain has fallen at several of our southeastern and extreme northern stations, as well as in Denmark and North Germany. A thunderstorm with heavy rain has occurred at Biarritz.

SEA

Moderate to smooth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any very decided change in the weather, but some increase of temperature is probable over our Islands generally.

FORECASTS

For the 24 hours ending at NOON on 27th APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S^{3} winds, light or moderate; fair generally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No 5
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	E^{3} and NE^{3} winds, light; fair generally, warmer.
6	SCOTLAND WEST	Same as No 5
7	ENGLAND N.W.	
8	ENGLAND S.W.	E^{3} winds, moderate or fresh; cloudy, some rain.
9	IRELAND NORTH	E^{3} and SE^{3} winds, moderate; fair generally.
10	IRELAND SOUTH	Same as No 8.
	WARNINGS	NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	?	53	43	E	4	o	2
Sumburgh Head							
Stornoway	29.96	53	50	ENE	3	bc	4
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29.89	45	44	E	4	c	2
Belmullet	29.86	50	45	ESE	3	o	*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	29.74	55	49	ESE	3	bc	3
Hurst Castle ...							
Dungeness ...	29.80	51	46	ENE	4	b	3
North Foreland	29.86	50	47	E	3	bc	2
London (Westminster)							*
Yarmouth ...							
Rochefort ...	29.67	62	62	E	1	c	*

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

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 18TH TO THE 24TH APRIL 1897.

In the course of this period a gradual improvement in the weather took place over the whole of western Europe, and at the close of the week the conditions over our Islands were mostly fair and dry, with, however, a somewhat low temperature for the time of year.

During the early part of the time barometrical depressions continued to arrive from the Atlantic, the principal systems being (1) a shallow depression which advanced over Scotland on the 19th, (2) a secondary system which passed eastwards along the Channel and south of England on the same day and (3) a rather well marked disturbance which appeared off the south of Ireland on the 21st. Each of these systems was attended by somewhat copious falls of rain in the districts over which they passed, but in no case did the wind show any serious increase of strength.

After the 21st an anticyclone began to form over the north of our Islands, the system ultimately increasing in size and height, and embracing all the more northern part of the United Kingdom and the Continent. A well marked depression was at the same time observed over Spain and E^3 or NE^3 winds set in over Western Europe generally, their force increasing to a gale over the English Channel. The weather was, however, mostly fine and dry, with a low temperature, especially at night. At the close of the week the northern high pressure system was beginning to break up, and the strong E^3 winds in the south were gradually moderating.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Tuesday 27th April, 1897.

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 ...	30·28	32	SSE	2	b	30·13	− ·23	36	34	− 7	S	2	b	*	b	*	52	27	—
	Hernösand ...	30·38	35	Z	0	b	30·28	− ·13	39	36	0	S	2	bc	*	b	*	48	25	—
	Stockholm ...	30·43	43	SE	2	b	30·40	+ ·01	52	45	+ 1	Z	0	b	*	b	*	61	37	—
	Wisby	30·39	43	ESE	4	b	30·41	+ ·05	45	42	− 8	NW	4	b	*	b	*	61	36	—
	Karlstad ...	30·15	55	SE	4	b	30·34	+ ·05	46	43	0	SE	2	b	*	b	*	*	*	—
	Bodö	30·28	46	SW	4	b	30·25	+ ·02	45	41	− 8	Z	0	0	0	b	*	63	41	—
	Christiansund ...	30·28	46	SE	2	c	30·32	+ ·22	47	44	− 5	SE	2	c	2	c	*	52	45	—
	Skudesnaes ...	30·30	45	Z	0	b	30·21	+ ·03	50	46	+ 7	NNE	2	0	1	b	*	57	41	*
	Færder (Christiania Fjord)	30·29	46	N	2	0	30·30	+ ·04	45	43	+ 1	N	2	0	1	0	*	46	44	—
	Skagen (The Scaw)	30·26	47	E	1	bc	30·25	+ ·01	48	45	+ 2	SSE	1	bc	0	bc	*	50	45	—
	Fanö	30·07	51	E	4	b	30·08	− ·05	50	48	+ 10	ESE	4	bc	*	b	*	63	39	—
British Islands.	Sumburgh Head	30·08	46	S	3	c	30·17	+ ·19	42	41	− 1	SE	2	0	3	bc, c	*	48	36	003
	Stornoway ...	29·99	49	S	4	bc	30·06	+ ·17	48	47	+ 1	E	3	b	3	0.bc	5·6	52	39	—
	Wick	30·07	45	S	3	c	30·12	+ ·18	42	41	− 2	S	2	m	2	c	*	52	40	—
	Nairn	30·01	52	E	1	b	30·09	+ ·16	45	43	+ 2	Z	0	b	1	b	*	56	26	—
	Aberdeen ...	30·09	44	SE	2	b	30·13	+ ·14	40	39	− 5	NE	3	ogw	3	bc, b, f	6·0	49	37	—
	Leith	30·04	47	Z	0	bc	30·06	+ ·09	43	42	− 1	ENE	3	0	*	bc	*	53	41	—
	Shields	30·03	45	NE	2	c	30·00	+ ·02	44	44	+ 2	N	2	r	3	c, r	*	50	42	003
	Spurn Head ...	29·93	47	NE	3	c	29·88	− ·08	47	47	− 2	NNE	3	0	4	c, p	*	52	45	007
	York	29·96	53	NNE	1	b	29·94	− ·04	47	46	+ 2	N	1	r	*	b	6·7	59	43	016
	Loughborough ...	29·88	58	E	3	c	29·92	− ·01	47	46	0	NW	1	ogm	*	bc, c, om	*	63	46	—
	Ardrossan ...	29·95	55	ENE	3	bm	30·01	+ ·08	45	45	− 3	NE	4	om	2	bm	*	57	41	—
	Malin Head ...	29·92	48	E	3	bm	29·99	+ ·12	46	45	− 2	SE	3	om	2	bm	*	50	42	—
	Belmullet ...	29·88	54	ENE	2	0	29·96	+ ·11	51	49	+ 4	E	3	0	*	c, 0	*	57	45	—
	Donaghadee ...	29·95	52	NNE	3	b	30·00	+ ·09	46	44	− 1	NNE	4	0	2	b	*	54	43	—
	Liverpool (Bidston)	29·87	57	ENE	4	b	29·94	+ ·03	48	44	+ 3	WNW	1	0	1	0.b	*	60	43	—
	Holyhead ...	29·86	50	NE	4	cm	29·92	+ ·05	47	45	− 1	ENE	3	ogm	2	bc, cm	*	57	44	—
	Parsonstown ...	29·84	60	ESE	1	0	29·91	+ ·10	47	45	+ 1	E	2	0	*	c, 0	2·9	57	45	—
	Valencia ...	29·78	58	E	4	0	29·85	+ ·12	54	51	+ 5	E	3	0	3	c, 0	4·5	60	48	0·08
	Roche's Point ...	29·79	54	E	4	c	29·87	+ ·13	50	49	+ 3	ESE	4	0	4	c	*	55	46	001
	Pembroke (St. Ann's Hd.)	29·65	53	SE	2	c	29·89	+ ·11	50	50	0	SE	4	og	3	c	2·6	54	48	0·14
	Scilly	29·67	50	ENE	3	op	29·82	+ ·10	49	49	− 1	E	4	f	4	r, op	0·5	53	47	0·15
	Prawle Point ...	29·73	49	ENE	3	r	29·89	+ ·15	52	51	+ 3	NE	3	c	3	r, Z	*	56	47	0·66
	Jersey (St. Aubin's)	29·69	54	ENE	3	cg	29·91	+ ·21	51	51	− 4	ENE	3	f	3	cg, Z	*	62	47	—
	Hurst Castle ...	29·76	54	ESE	4	p	29·89	+ ·09	52	52	+ 4	ENE	2	om	1	cm, p	*	62	49	003
	Dungeness ...	29·78	51	ENE	3	c	29·89	+ ·10	55	53	+ 3	ENE	1	bm	1	0, c	*	55	48	—
	North Foreland	29·83	49	E	2	r	29·93	+ ·07	53	51	+ 4	W	1	0	1	r	*	53	44	011
	London (Brixton) ...	29·80	54	ESE	2	0	29·91	+ ·05	48	47	− 2	SW	1	f	*	a, 0, bm	7·5	65	41	—
	Oxford	29·84	53	ENE	2	bc	29·92	+ ·05	48	47	− 2	NE	1	0	*	bc, 0	*	65	46	—
	Cambridge ...	29·87	55	E	2	om	29·92	+ ·02	49	48	+ 3	NW	1	om	*	b, om	7·2	67	44	—
	Yarmouth ...	29·85	49	NE	4	cp	29·87	− ·02	49	48	+ 1	W	2	cm	4	bc, cp	*	50	45	004
Germany & Holland.	Cuxhaven ...	29·99	59	SE	4	b	30·01	− ·06	51	50	+ 5	ESE	4	c	*	b	*	61	46	—
	Berlin	30·10	60	E	4	b	30·15	+ ·03	55	50	+ 3	E	3	b	*	b	*	68	48	—
	Wiesbaden ...	*	*	*	*	*	30·02	+ ·07	55	52	+ 3	Z	0	b	*	*	*	68	50	—
	Munich	29·97	53	SE	3	b	30·07	+ ·11	51	49	+ 5	SW	4	b	*	b	*	63	39	—
	The Helder ...	29·87	55	E	2	bc	29·90	− ·05	55	53	+ 7	SE	1	b	1	bc	*	57	48	—
Belgium. France &	Brussels ...	*	*	*	*	*	29·95	+ ·08	60	57	+ 10	SW	2	b	*	r	*	71	50	0·16
	Cape Gris Nez ...	29·79	49	E	3	0	29·88	+ ·07	55	51	+ 9	SW	2	m	1	0	*	55	45	0·12
	Paris	29·81	59	SE	2	0	29·95	+ ·18	57	55	+ 5	SW	1	m	*	r, 0	*	68	51	0·95
	Brest	29·68	55	SSE	1	bc	29·85	+ ·23	50	48	− 1	ESE	2	c	1	bc	*	57	46	0·75
	Lorient	29·72	58	SW	2	bc	29·85	+ ·23	49	49	− 3	E	3	f	2	bc	*	63	46	0·35
	Rochefort ...	29·72	63	SSW	3	b	29·83	+ ·20	55	55	− 2	SSE	3	c	*	c, b	*	66	52	—
	Belfort	29·83	63	NE	1	c	30·01	+ ·17	53	52	+ 2	Z	0	0	*	c	*	69	50	0·24
	Lyons	29·86	63	SSW	4	0	29·97	+ ·17	58	55	0	SW	1	b	*	0, bbr	*	70	52	—
	Nice	29·92	60	ESE	4	b	30·00	+ ·05	58	54	0	Z	0	b	3	b	*	72	55	—
	Perpignan ...	29·83	60	SE	2	b	29·96	+ ·20	56	54	+ 1	NE	1	0	*	b	*	70	53	—
	Biarritz ...	29·72	68	SW	3	c	29·87	+ ·14	60	57	− 1	SSE	3	0	2	c	*	75	55	—
Penin-sula.	Corunna ...	29·65	63	SSW	4	0	29·80	+ ·21	56	51	?	S	3	b	2	0	*	64	50	—
	Lisbon	29·87	56	SW	4	bc	29·90	+ ·06	56	52	− 2	SSW	4	r	*	bc	*	61	54	0·12
	Azores (P. Delgada)	30·19	54	N	3	c	30·14	+ ·01	54	51	− 2	N	4	c	3	c	*	61	50	0·52

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 now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 6·1 hrs;

WEATHER CHARTS

FOR ..... Tuesday, 27th April, ... 1897.

BAROMETER, WIND AND SEA.

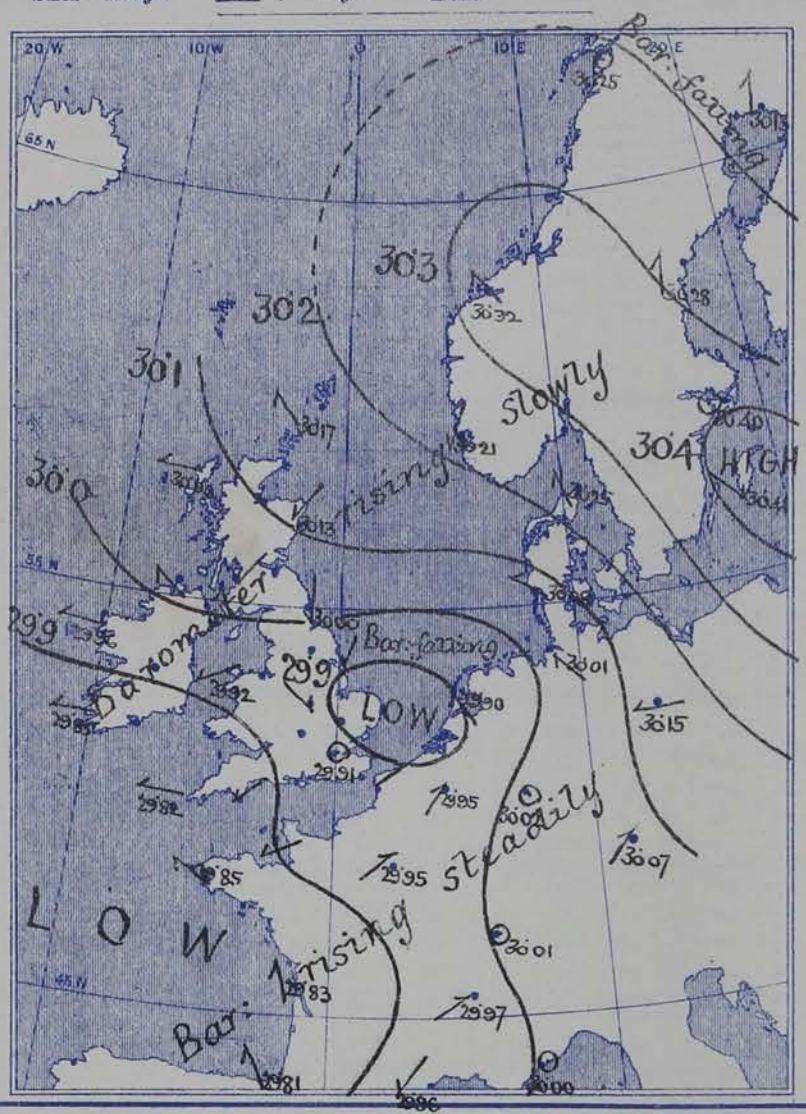
BAROMETER—*Isobars are drawn for each tenth of an inch.*

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* ▨



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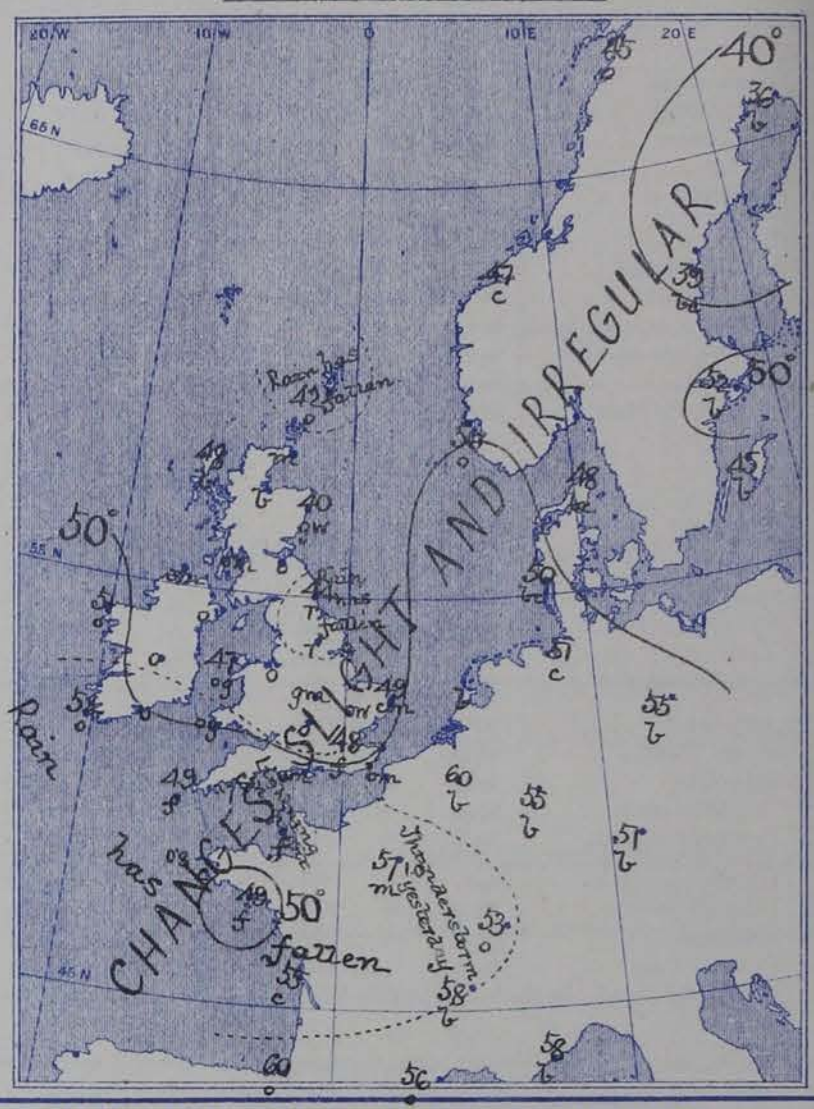

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	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
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Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 · 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 30.4 ins. and more in the S.E. of Sweden, and exceeding 30.1 ins. over Scandinavia & the Baltic generally. Lowest Below 29.9 ins. over the southwest of our Islands and the west of France, as well as in a shallow local disturbance lying off the east coast of England. Gradients slight. Distribution becoming complex, but the disturbances are of little intensity. Barometer rising except at our eastern stations, where a slight fall was in progress.

TEMPERATURE — Highest 60° to 55° over the southern half of France, and 54° at Valencia (Ireland). Lowest 36° at Haparanda, 39° at Hernösand; 40° at Aberdeen, 42° at Dunbugh Head. During yesterday, the thermometer rose to 63° at Loughborough to 65° at Oxford and in London, and to 67° at Cambridge. On the Continent it touched 68° at Berlin and Paris, 71° at Brussels, 72° at Nice, and 75° at Biarritz.

WIND — E. ¾ and NE. ¼; light to moderate, over the greater part of our Islands; but NW. ¾ to SW. ¼ and very light over our eastern counties. SW. ¾ to SE. ¼, and light, over France. In London it was all but calm.

WEATHER — Fine and bright over Scandinavia and Scotland, as well as over the Netherlands and Germany; dull over Ireland, England and France, with mist or fog in many places. A great deal of rain has fallen over the northern parts of France, and at Prawle Point; thunder and lightning are reported from Lyons and Paris; lightning from Jersey and Prawle Point. Bright Sunshine reported yesterday was – Aberdeen and Southport 6 hrs. each, York and Cambridge about 7 hrs. and London 7.5 hrs.

SEA — Moderate in many places, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Very changeable weather is probable in the south and east, with local showers and some thunderstorms.

FORECASTS

For the 24 hours ending at NOON on 28TH APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	E. ¾ and NE. ¼ winds, light; cloudy, unsettled, some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Very variable winds; unsettled, hazy, slight rain and possibly thunder in places.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	E. ¼ winds, light; fair as a whole.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	None issued.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·23	50	46	S	4	bc	3	Valencia	29·75	59	52	ESE	2	c	3
Sumburgh Head	30·05	46	45	SSE	2	bc	3	Scilly	29·68	51	49	E	5	r	3
Stornoway	29·97	51	47	SW	4	o	4	Jersey	29·69	58	54	ENE	5	o	3
Aberdeen	30·05	49	45	SSE	2	bc	2	Hurst Castle ...	29·75	62	57	E	4	cm	2
Shields	30·01	49	46	E	3	c	3	Dungeness ...	29·78	50	48	ENE	4	o	3
Ardrossan	29·95	54	52	SW	1	bm	1	North Foreland	29·83	49	48	E	2	r	2
Malin Head ...	29·91	50	48	SE	3	b	2	London (Westminster)	29·80	63	53	E	3	c	*
Belmullet	29·87	56	51	ESE	3	c	*	Yarmouth ...	29·88	50	48	ENE	4	bc	4
Holyhead	29·87	57	52	ENE	3	bc	2	Rochefort ...	29·69	64	63	SW	5	c	*

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

Weather in morning very fine and bright over Russia, Scandinavia, Germany and Hungary, and fair over the British Islands and the Mediterranean; dull and unsettled over Spain, several parts of France and the extreme SW. of our Islands, with rain in several places. Heavy rain falling later in the NW. and N. of France and at Prawle Point; slighter falls at Hurst Castle, Yarmouth and several of our N^E^rn stations, as well as in the S. of Ireland; remaining fine and bright in the north.

Temperature rising generally over W^rn and central Europe. Morning readings highest 72° to 70° over Tunis, 66° at Algiers, 63° at Cagliari; 61° at Biarritz, 58° at Lyons, 55° at Jersey, 52° at Dungeness, 51° at Stockholm. Lowest 29° at Archangel, 35° at Moscow; 42° at Shields, 43° at Nairn and Sumburgh H., 44° at Leith. Rising later to 63° at Loughborough, to between 65° and 67° over our south Midland counties to 68° at Berlin and Paris, 72° at Nice, and 75° at Biarritz.

Wind light to moderate very generally; very variable in many places, S. to SW. in the extreme southwest, and variable from the E^ward and SE^ward over the northern, northwestern and central counties. A S. to SW. current of little strength spreading northwards over France later, but very little change occurring over the British Islands.

Barometer highest 30·4 ins. and more to 30·0 ins. over N^rn and central Europe, and exceeding 30·0 ins. over the S. of Italy. Exceeding 29·9 ins. over Algeria and the S. of Spain. Lowest 29·6 ins. and less in a depression over the Bay of Biscay and N. of Spain. Gradients slight. The depression in the W. moving northeastwards later towards the North Sea, but tending to fill up.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 28th April, 1897.

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 ...	30·12	41	NW	2	b	30·21	+ ·08	44	37	+ 8	N	2	b	#	b	#	57	25	—
	Hernösand ...	30·29	47	2	0	b	30·25	— ·03	42	41	+ 3	2	0	b	#	b	#	64	30	—
	Stockholm ...	30·25	49	2	0	b	30·22	— ·18	51	49	+ 5	2	0	b	#	b	#	64	37	—
	Wisby	30·33	48	SE	4	b	30·21	— ·20	55	48	+ 10	S	4	b	#	b	#	55	37	—
	Karlstad ...	30·22	55	SSE	2	b	30·13	— ·21	52	46	+ 6	ENE	2	b	#	b	#	#	#	—
	Bodö	30·30	42	SW	4	o	30·10	— ·15	45	41	0	E	4	b	1	o	#	45	37	0·16
	Christiansund ...	30·20	50	ESE	1	b	29·94	— ·38	52	46	+ 5	ESE	1	c	2	b	#	55	46	—
	Skudesnaes ...	30·19	53	ESE	2	o	29·97	— ·24	52	48	+ 2	ESE	2	c	2	c,o	#	63	41	#
	Færder (Christiania Fjord)	30·22	56	2	0	bc	30·13	— ·17	46	45	+ 1	N	1	bc	1	bc	#	55	45	—
	Skagen (The Scaw)	30·20	49	E	1	bc	30·07	— ·18	49	46	+ 1	SE	1	bc	0	bc	#	59	46	—
	Fanö	30·01	55	ESE	4	b	30·02	— ·06	51	49	+ 1	SSW	2	b	#	b	#	68	50	—
British Islands.	Sumburgh Head	30·04	44	NE	2	o	29·95	— ·32	45	44	+ 3	WNW	1	c	3	o	#	46	40	0·32
	Stornoway ...	29·96	52	E	2	bc	29·92	— ·14	49	48	+ 1	NW	3	c	3	bc	9·2	57	42	—
	Wick	30·01	44	S	2	r	29·91	— ·21	47	46	+ 5	NW	1	o	1	p	#	47	37	0·10
	Nairn	29·97	47	E	2	o	29·93	— ·16	47	46	+ 2	W	1	om	1	om	#	51	42	—
	Aberdeen ...	29·97	45	NE	2	og	29·97	— ·16	47	46	+ 7	SE	2	bcm	2	org. f	0·0	47	40	0·18
	Leith	30·00	44	2	0	r	29·98	— ·08	47	46	+ 4	2	0	m	#	r	#	47	39	0·07
	Shields	29·95	46	N	2	or	30·01	+ ·01	46	46	+ 2	SSW	1	f	2	or	#	47	42	0·12
	Spurn Head	29·95	50	WNW	3	o	30·05	+ ·17	45	45	— 2	ESE	3	fw	3	o,b,f	#	51	44	—
	York	29·96	50	NNW	1	c	30·04	+ ·10	45	45	— 2	S	1	f	#	c	1·2	50	44	0·02
	Loughborough ...	29·95	61	2	o	bc	30·04	+ ·12	44	44	— 3	NNW	1	afw	#	gm,bcf	#	63	39	—
	Ardrossan ...	29·96	53	NE	2	cm	29·99	— ·02	46	46	+ 1	2	0	mf	0	om,cm	#	55	42	—
	Malin Head ...	29·95	48	SE	2	cm	29·99	·00	46	46	0	NNW	3	or	1	om	#	49	44	0·02
	Belmullet ...	29·98	52	ESE	1	o	30·08	+ ·12	47	45	— 4	N	2	o	#	o	#	51	42	0·10
	Donaghadee ...	29·99	50	NNE	2	cm	30·02	+ ·02	47	47	+ 1	NNW	2	f	0	cm	#	52	40	—
	Liverpool (Bidston)	29·96	55	NW	1	b	30·02	+ ·08	52	50	+ 4	2	0	o	?	o.b	#	59	46	—
	Holyhead ...	29·97	51	NW	1	bc	30·02	+ ·10	49	48	+ 2	2	0	omp	0	p,bcm	#	57	44	0·01
	Parsonstown ...	? 29·94	58	SE	1	c	30·03	+ ·12	49	47	+ 2	2	0	c	#	q,r	1·0	60	46	0·04
	Valencia ...	29·96	52	WSW	2	odm	30·08	+ ·23	50	47	— 4	N	4	o	3	cm,dm	3·2	60	48	0·11
	Roche's Point ..	29·96	51	SSE	3	c	30·06	+ ·19	52	50	+ 2	NNW	2	o	3	c,m,f	#	55	48	0·01
	Pembroke (St. Ann's Hd.)	29·97	54	2	o	b	30·02	+ ·13	50	50	0	NNE	3	ogw	3	b	7·9	54	48	0·02
	Scilly	29·92	50	E	2	f	29·97	+ ·15	51	51	+ 2	NNE	4	c	3	f	0·6	53	48	0·04
	Prawle Point ...	29·96	54	NW	1	bc	30·01	+ ·12	52	51	0	ESE	1	ep	1	ef	#	58	49	—
	Jersey (St. Anbin's)	29·93	60	NNE	2	cg	30·03	+ ·12	58	55	+ 7	SE	2	bc	2	bc,tlr	#	65	51	0·14
	Hurst Castle ...	29·94	52	SW	2	bcm	30·00	+ ·11	52	51	— 1	E	1	om	1	bcm	#	61	48	—
	Dungeness ...	29·94	55	2	o	bc	30·01	+ ·12	56	53	+ 1	NNW	1	of	0	bc	#	58	43	—
Germany & Holland.	North Foreland	29·97	54	SE	2	bc	30·03	+ ·10	56	54	+ 3	SE	2	cw	2	b,bc	#	58	49	—
	London (Brixton) ...	29·93	61	NNE	1	ogmt	30·03	+ ·12	51	51	+ 3	WSW	1	om	#	f,tlr,h,bf	0·2	66	43	0·62
	Oxford	29·98	55	WSW	1	b	30·03	+ ·11	49	48	+ 1	2	0	og	#	o,bm	#	65	43	—
	Cambridge ...	29·95	? 59	SW	1	b	30·03	+ ·11	49	49	0	SW	1	f	#	b	7·6	68	43	—
	Yarmouth ...	29·94	53	SSE	2	b	30·02	+ ·15	46	45	— 3	ENE	2	bf		bc,b	#	62	43	—
	Cuxhaven ...	29·96	66	S	1	b	30·04	+ ·03	54	53	+ 3	N	1	c	#	b	#	70	51	—
	Berlin	30·06	64	SE	1	o	30·09	— ·06	57	53	+ 2	SE	2	b	#	o	#	72	48	—
	Wiesbaden ...	#	#	#	#	#	30·10	+ ·08	56	54	+ 1	SW	1	b	#	#	#	72	50	—
	Munich... ..	30·12	53	SW	3	r	30·18	+ ·11	55	53	+ 4	SW	3	b	#	r	#	66	45	0·24
	The Helder ...	29·98	51	WNW	1	bc	30·06	+ ·16	47	47	— 8	NNE	1	f	1	bc	#	59	46	—
France & Belgium.	Brussels ...	#	#	#	#	#	30·05	+ ·10	61	57	+ 1	E	1	bc	#	b	#	69	53	—
	Cape Gris Nez...	29·94	57	2	o	bc	29·97	+ ·09	56	53	+ 1	ESE	1	c	o	bc	#	59	50	—
	Paris	29·97	67	SE	1	bc	30·03	+ ·08	60	56	+ 3	2	o	m	#	bc	#	74	52	—
	Brest	29·88	59	NE	1	bc	29·99	+ ·14	52	50	+ 2	SSW	1	o	2	bc	#	61	46	—
	Lorient... ...	29·90	59	SE	3	b	30·00	+ ·15	53	52	+ 4	SW	2	o	3	b	#	64	48	—
	Rochefort ...	29·87	65	2	o	c	29·98	+ ·15	55	55	0	SE	3	bc	#	b,tl	#	73	54	—
	Belfort	29·95	66	NE	2	c	30·06	+ ·05	59	55	+ 6	?SSE	2	c	#	c	#	72	50	0·04
	Lyons	29·97	63	S	1	c	30·14	+ ·17	56	56	— 2	S	1	r	#	c,tl	#	80	54	0·04
	Nice	29·97	66	E	6	b	30·14	+ ·14	58	56	0	2	0	o	2	b	#	68	57	—
	Perpignan ...	30·01	57	E	1	o	30·13	+ ·17	54	54	— 2	NE	2	o	#	o	#	64	52	—
	Biarritz ...	29·88	61	NW	3	t	30·00	+ ·19	58	56	— 2	SSE	3	c	2	tlr	#	72	55	0·04
Peninsula.	Corunna ...																#			
	Lisbon	30·02	56	WSW	3	o	30·06	+ ·16	58	55	+ 2	E	2	o	#	o	#	61	54	—
	Azores (P. Delgada)	30·16	53	NE	4	bc	30·15	+ ·01	56	55	+ 2	NNE	4	c	3	bc	#	59	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 now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 4·7 hrs.

WEATHER CHARTS

FOR Wednesday, 28th April, 1897.

BAROMETER, WIND AND SEA.

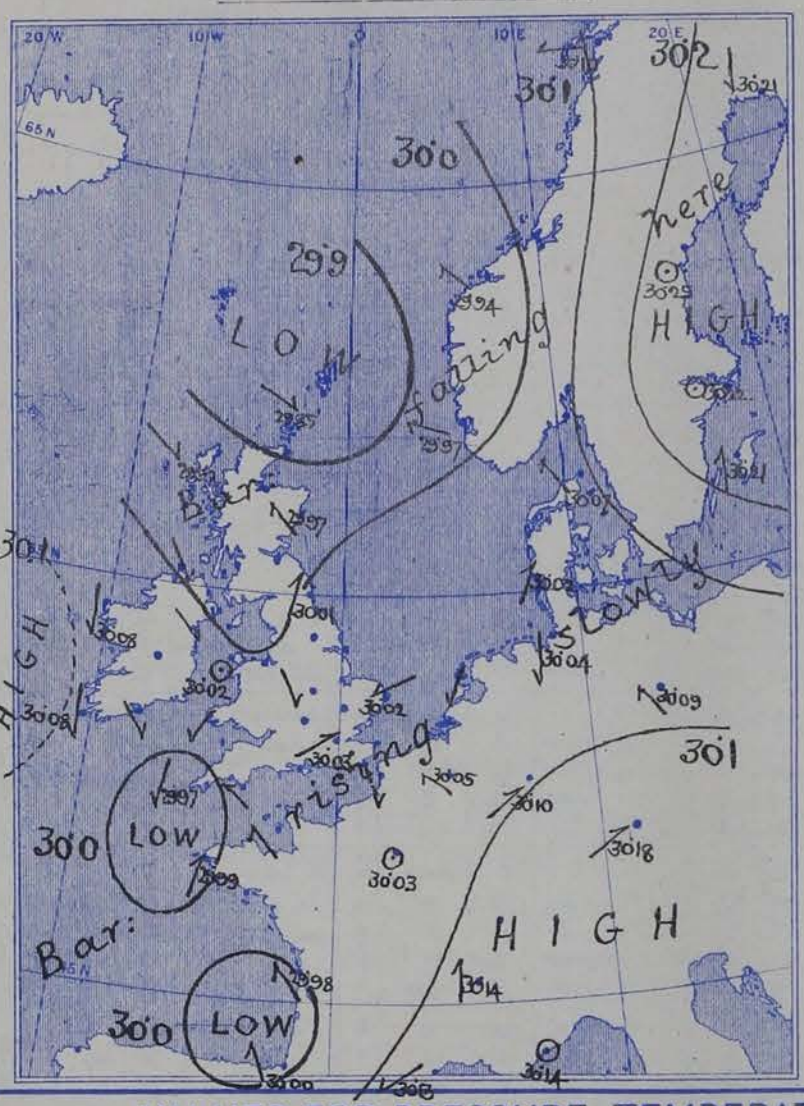
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

Force 8 to 10 ; Force 1 to 4 ; }

SEA—Rough ; High



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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

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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874; 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·2 ins. and more to 30·1 ins. (1) over Finland and Sweden, and (2) over S. Germany, Switzerland and the southeastern parts of France.
Lowest. Below 30·0 ins. in depressions lying over the Bay of Biscay and the mouth of the English Channel, and below 29·9 ins. over the Shetland Islands and their neighbourhood.
Gradients very slight over our Islands, and were irregular.
Barometer changing but little, and irregularly, except in Scotland, where it had fallen.

TEMPERATURE

Highest 60° to 54° over France and Germany as a whole, 56° at Dungeness and the N. Foreland, 57° at Stockholm
Lowest 42° to 45° over the northern parts of Scandinavia, 45° to 47° at the stations in Scotland and the northern parts of Ireland and England.
The maxima recorded yesterday were as high as 63° at Loughborough, 65° at Jersey, 66° in London, 68° at Cambridge; 72° at Berlin, 74° at Paris, and 80° at Lyons.

WIND

(1) Very light generally — It was NW. ¼ to N. ¼ over Ireland and Scotland, but SE. ¼ at the Norwegian stations. (2) Exctremely variable over England, the northern parts of France and the Bay of Biscay. (3) SSE. ¼ and light over the E. of France and S. Germany.

WEATHER

Fine and bright over Sweden, the Baltic and Germany; dull, misty and changeable over our Islands, with showers in several localities.
Slight rain fell yesterday in Ireland and Scotland, and heavy thunder showers are reported from the southern suburbs of London. At Buxton (Acre Law) the amount measured this morning was 0·66 in., in Westminster 0·21 in. In and about Strathaven very large quantities of hail fell last evening. Thunder prevailed in London last evening. Bright sunshine recorded yesterday was — London 0·2 hrs, Cambridge 7·6 hrs, Pembroke 7·9 hrs, Eastbourne and Hastings had considerably more than 11 hrs.

SEA

Slight to smooth on all our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Very changeable thundery and showery weather is still probable.

FORECASTS

For the 24 hours ending at NOON on 29TH APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW. ¼ and variable breezes, some showers, warm.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Very variable airs; very changeable, thunder showers in many places.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	N. ¼ breezes; weather changeable rain at times, becoming cooler.
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 ...	30·15	62	52	E	2	c	1
Sumburgh Head	30·15	43	42	NE	2	o	3
Stornoway	30·01	51	54	SE	3	bc	3
Aberdeen	30·04	44	44	NNE	2	org	3
Shields	29·95	44	44	N	3	r	3
Ardrossan	29·97	50	49	NE	3	om	1
Malin Head ...	29·96	47	47	SE	2	o	1
Belmullet	29·98	55	52	ESE	1	o	*
Holyhead	29·95	51	54	N	1	cm	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·91	55	52	WSW	2	cm	3
Scilly	29·89	52	52	ESE	3	f	4
Jersey	29·94	60	57	S	1	bc	1
Hurst Castle ...	29·94	60	57	SSW	1	bcm	1
Dungeness ...	29·93	58	54	SW	2	bc	1
North Foreland	29·96	56	54	SE	2	b	1
London (Westminster)	29·93	63	58	NNW	1	mi	*
Yarmouth ...	29·90	61	58	WSW	3	bc	3
Rochefort ...	29·88	67	65	S	1	bc	*

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

Weather in morning very fine and bright over Russia, Finland, Sweden, the Baltic, Germany and S.E.ⁿ Europe, as well as over many parts of France and Scotland; very changeable and mostled over Ireland, England, the Bay of Biscay and Spain, with rain at several stations, fog or mist at others. Heavy rain in London later, and heavy hail in some of the S.ʳⁿ suburbs, thunderstorms over France and the S.E. of England and the Channel Island, slight rain at several of the Irish and Scotch stations.

Temperature changing irregularly, but inclined to rise over Europe generally. Morning readings highest 63° at Algiers, Barcelona and Leghorn, and above 60° at most Mediterranean stations; 67° at Bilbao. Exceeding 50° at many of our S.ʳⁿ stations and in N. Germany. Lowest 31° at Archangel, 36° at Haparanda, 38° at Moscow, 40° at Aberdeen, 42° at Wick, 43° at Leith. Rising later to between 60° and 68° over many parts of Gt. Britain to 72° at Berlin, 74° at Paris, and 80° at Lyons.

Wind (1) light and anticyclonic over Russia and N.ʳⁿ Europe generally; moderate from between E and N over the northern and western parts of the British Islands, but S. and SW.ly over the Spanish peninsula; (3) very light and variable over England, France and the Mediterranean. Becoming still more variable over the British Islands later.

Barometer highest (1) 30.4 ins. and more to 30.1 ins. over Russia, E.ⁿ Germany, Scandinavia and the N.E. of Scotland, and exceeding 30.0 ins. over Italy, (2) 30.0 ins. and more over Morocco and the S. of Spain. Lowest below 29.8 ins. in a depression off the N.W. of Spain and below 29.9 ins. in a smaller system off the E. coast of England. Latter system moving N.ⁿʳᵈ, and the latter one E.ⁿ during the day. Further shallow disturbances appearing over England.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Thursday 29th April, 1897.

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 ...	30·05	31	NE	0	c	29·84	— ·37	40	40	— 4	S	2	c	#	c	#	57	30	—
	Hernösand ...	30·01	35	NE	0	c	29·85	— ·40	41	38	— 1	NE	0	0	#	c	#	52	30	—
	Stockholm ...	30·06	49	NE	0	b	29·93	— ·29	58	53	+ 1	SW	2	b	#	b	#	63	41	—
	Wisby	30·09	52	S	4	o	30·03	— ·18	51	48	— 4	WSW	4	b	#	o	#	59	37	—
	Karlstad ...	29·96	52	S	1	o	29·99	— ·14	45	43	— 7	SSW	2	o	#	o	#	#	#	—
	Bodö	29·75	51	ESE	2	o	29·77	— ·33	44	41	— 1	SW	2	o	1	o	#	55	39	—
	Christiansund ...	29·85	45	SSW	5	f	29·85	— ·09	46	44	— 6	SE	2	o	3	f	#	52	45	0·32
	Skudesnaes ...	30·01	44	W	1	o	29·98	+ ·01	42	41	— 10	S	8	o	2	f,o	#	52	39	#
	Færder (Christiania Fjord)	29·95	47	SSW	1	m	29·99	— ·14	43	43	— 3	SW	1	f	1	m	#	52	41	—
	Skagen (The Scaw)	30·02	44	WNW	2	f	30·05	— ·02	42	42	— 7	W	3	f	0	f	#	55	39	—
	Fanö	30·06	44	WSW	1	m	30·05	+ ·03	44	42	— 7	E	1	o	#	m	#	51	43	—
British Islands.	Sumburgh Head	29·86	46	W	2	o	29·70	— ·15	44	43	— 1	S	3	o	4	o	#	49	41	—
	Stornoway ...	29·94	49	WNW	3	bc	29·64	— ·28	44	43	— 5	SW	5	rq	6	o.bc	4·3	51	40	0·06
	Wick	29·94	46	NW	1	bc	29·70	— ·21	44	43	— 3	SW	3	r	2	bc	#	50	40	0·01
	Nairn	29·94	51	W	1	c	29·74	— ·19	45	43	— 2	SW	2	c	1	c	#	54	35	0·02
	Aberdeen ...	29·97	46	ENE	1	c	29·81	— ·16	50	43	+ 3	SW	4	cq	2	cm, c	2·9	50	39	—
	Leith	29·98	51	W	1	c	29·86	— ·12	51	47	+ 4	WSW	3	c	#	c	#	57	41	—
	Shields	29·99	47	NE	1	o	29·94	— ·07	55	51	+ 9	SW	2	b	2	f,op	#	55	42	0·01
	Spurn Head ...	30·02	45	ESE	2	f	30·00	— ·05	49	49	+ 4	SW	1	f	2	f	#	49	44	0·01
	York	30·03	55	S	1	o	30·01	— ·03	52	50	+ 7	S	1	b	#	o	0·0	56	44	0·08
	Loughborough ...	30·01	62	SE	1	c	30·04	·00	47	46	+ 3	E	0	bfw	#	om, c, bf	#	67	41	—
	Ardrossan ...	30·00	52	W	3	b	29·86	— ·13	47	47	+ 1	SSW	4	o	3	f,b	#	53	42	0·03
	Malin Head ...	30·03	48	NW	3	b	29·79	— ·20	43	42	— 3	S	5	or	2	b	#	49	39	—
	Belmullet ...	30·11	49	NW	1	b	29·84	— ·24	48	47	+ 1	WSW	4	or	#	b	#	50	42	—
	Donaghadee ...	30·06	49	NNW	3	c	29·93	— ·09	49	45	+ 2	WSW	5	bc	3	c	#	52	41	0·01
	Liverpool (Bidston)	30·04	53	NW	1	c	29·99	— ·03	55	50	+ 3	S	1	b	1	c, f	#	60	43	—
	Holyhead ...	30·05	46	NW	1	f	29·99	— ·03	48	48	— 1	SW	2	f	1	b, f	#	54	46	—
	Parsonstown ...	30·07	52	NE	0	o	29·95	— ·08	48	44	— 1	SE	2	bc	#	c, o	1·2	54	40	—
	Valencia ...	30·10	50	SW	4	bcv	29·99	— ·09	51	46	+ 1	SSW	3	o	4	bcr	6·5	55	38	—
	Roche's Point ..	30·09	55	NNW	3	bc	30·07	+ ·01	49	45	— 3	WNW	3	bc	3	bc	#	57	43	—
	Pembroke (St. Ann's Hd.)	30·05	56	NW	3	b	30·05	+ ·03	49	49	— 1	SW	4	og	3	b	6·7	56	47	0·04
	Scilly	30·04	51	N	3	o	30·09	+ ·12	51	50	0	W	2	o	2	o	0·9	53	47	—
	Prawle Point ...	30·06	50	W	2	m	30·13	+ ·12	49	49	— 3	SW	3	m	2	pm, o	#	61	48	0·01
	Jersey (St. Aubin's)	30·07	57	WNW	3	bc	30·17	+ ·14	52	50	— 6	W	4	cm	3	bcm	#	65	50	—
	Hurst Castle ...	30·04	57	SSW	2	bm	30·13	+ ·13	52	50	0	SW	3	og	2	bc, bm, bf	#	61	47	—
	Dungeness ...	30·03	52	SSW	2	bc	30·10	+ ·09	49	49	— 7	SW	4	cf	2	bc	#	60	46	0·01
	North Foreland	30·05	55	SE	2	cbr	? 30·11	+ ·08	52	51	— 4	S	2	c	2	c, tbr	#	60	48	0·21
	London (Brixton) ...	30·02	60	SW	2	bc	30·10	+ ·07	50	49	— 1	SW	1	o	#	cp, cl, bv	2·4	65	45	0·12
	Oxford	30·04	56	SE	1	r	30·09	+ ·06	49	49	0	S	2	o	#	o, bc, tbr, f	#	69	45	0·14
	Cambridge ...	30·02	64	NE	0	b	30·07	+ ·04	56	54	+ 7	SSW	2	bw	#	b, td	3·0	66	44	0·01
	Yarmouth ...	30·00	48	NE	2	c	30·02	·00	53	52	+ 7	SSE	2	bw	3	bc, r, c	#	53	44	0·39
Germany & Holland.	Cuxhaven ...	30·04	50	N	1	f	30·05	+ ·01	51	51	— 3	SW	3	f	#	f	#	63	48	0·28
	Berlin	30·04	69	SW	1	c	30·11	+ ·02	62	56	+ 5	W	2	b	#	c	#	77	55	—
	Wiesbaden ...	#	#	#	#	#	30·21	+ ·11	57	56	+ 1	E	0	o	#	#	#	73	50	0·20
	Munich	30·16	62	NE	2	b	30·30	+ ·12	55	53	0	SW	5	o	#	b	#	72	52	—
	The Helder ...	30·00	50	NE	2	o	30·08	+ ·02	49	48	+ 2	SSW	1	f	1	o	#	52	46	0·12
Belgium.	Brussels ...	#	#	#	#	#	30·17	+ ·12	57	54	— 4	SW	3	c	#	c	#	75	49	—
	Cape Gris Nez ...	30·03	54	SW	2	bc	30·10	+ ·13	47	47	— 9	WSW	4	f	4	bc	#	57	45	0·67
	Paris	30·08	68	SW	2	b	30·19	+ ·16	57	54	— 3	S	2	b	#	b	#	73	52	—
	Brest	30·09	52	SW	1	o	30·15	+ ·16	52	50	0	WNW	1	bc	1	o	#	59	48	—
	Lorient	30·09	57	WNW	4	b	30·17	+ ·17	49	48	— 4	NNW	3	bc	3	b	#	61	48	—
France &	Rochefort ...	30·04	63	WSW	3	c	30·14	+ ·16	57	55	+ 2	ESE	1	c	#	c	#	73	54	—
	Belfort	30·17	54	WSW	4	r	30·23	+ ·17	54	53	— 5	E	0	c	#	r	#	71	51	0·12
	Lyons	30·19	57	E	1	o	30·26	+ ·12	58	55	+ 2	S	1	c	#	o, f	#	61	50	0·35
	Nice	30·21	59	SE	2	c	30·29	+ ·15	60	56	+ 2	E	0	b	0	c	#	68	52	0·04
	Perpignan ...	30·15	61	E	1	b	30·29	+ ·16	55	54	+ 1	E	0	o	#	b	#	67	49	—
	Biarritz ...	30·04	59	NNE	3	o	30·10	+ ·10	57	55	— 1	E	0	o	2	o, tbr	#	72	54	0·20
Penin-sula.	Corunna ...																#			
	Lisbon	30·05	57	NNW	4	b	30·00	— ·06	59	55	+ 1	N	3	c	#	b	#	66	55	—
	Azores (P. Delgada)	30·20	55	NNE	4	c	30·18	+ ·03	57	53	+ 1	NNE	5	c	3	c	#	61	52	0·12

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

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

Bright Sunshine yesterday Southport 4·9 hrs;

WEATHER CHARTS

FOR Thursday, 29th April, 1897.

BAROMETER, WIND AND SEA.

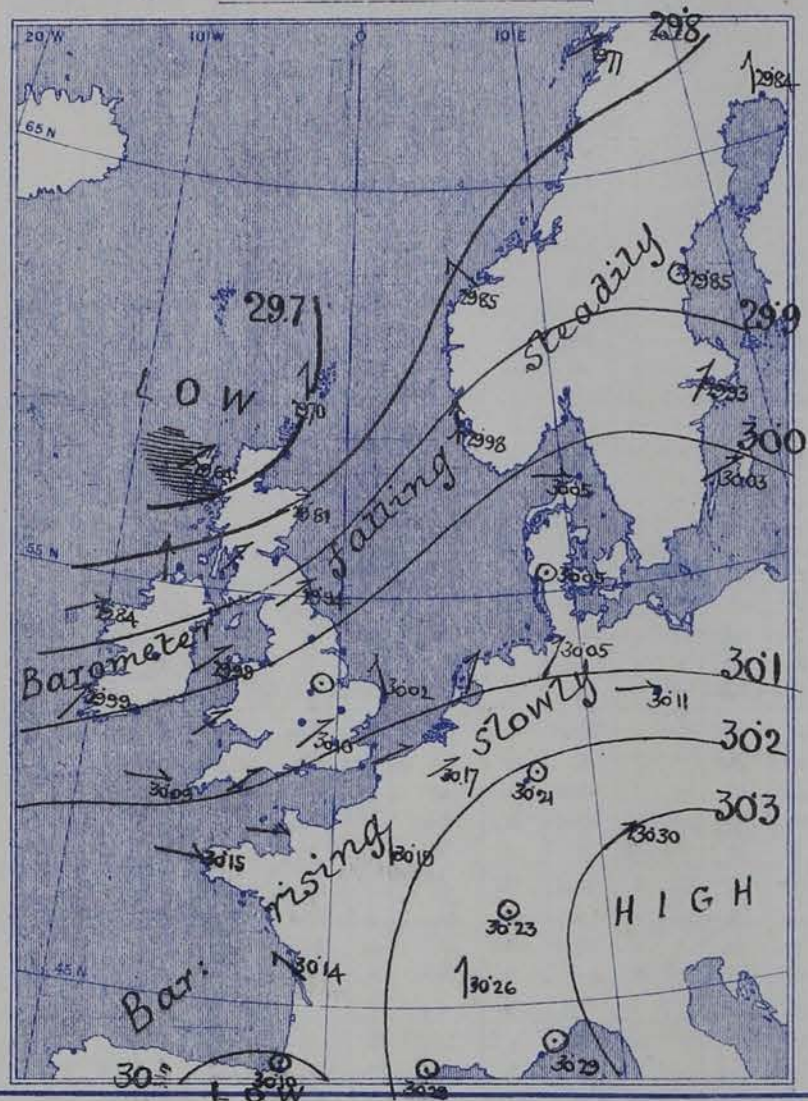
BAROMETER —*Isobars are drawn for each tenth of an inch.*

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

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

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

SEA—*Rough* ▬ ; *High* ▬

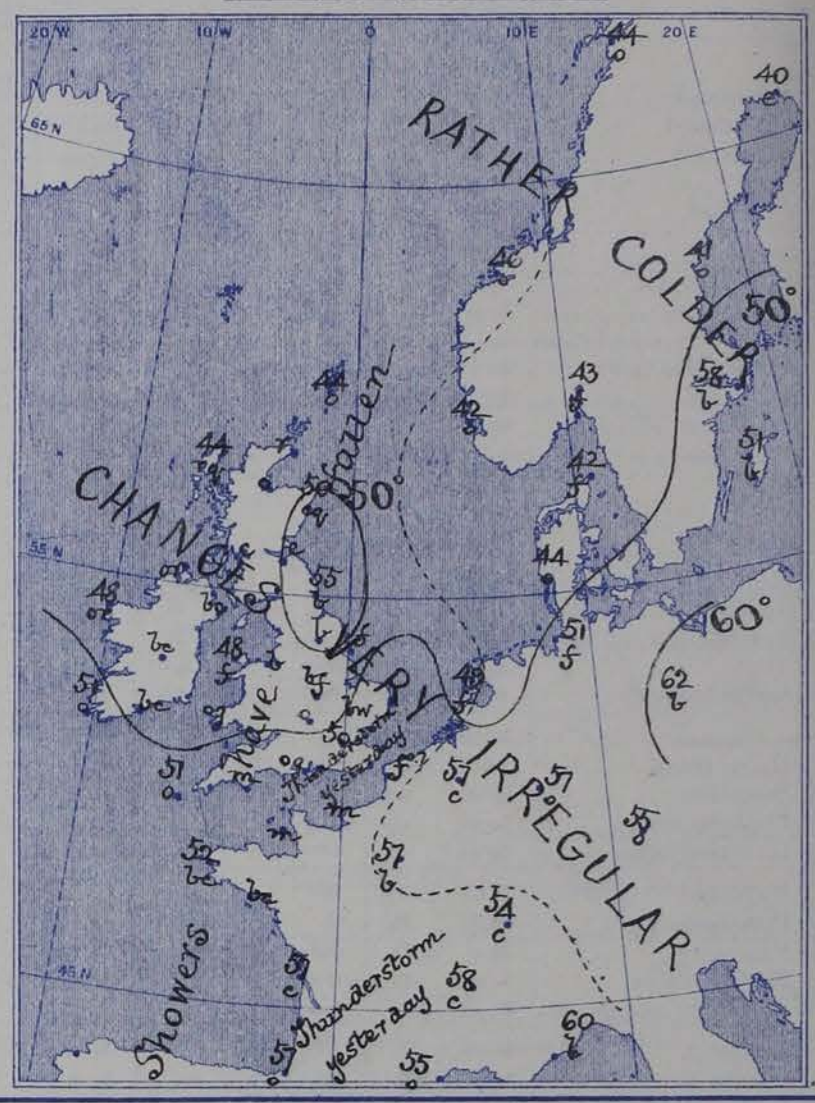


TEMPERATURE & WEATHER.

TEMPERATURE—*Isotherms are drawn for each 10°.*

WEATHER—*Shown by Letters of the Beaufort Scale.*

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 · 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 · 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 · 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 · 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. and more to 30.1 ins. over Switzerland, France and the Bay of Biscay, with the extreme southern counties of England.
Lowest below 29.7 ins. over the extreme northwest of Scotland, and below 29.8 ins. over Finmark.
Gradients moderate for SW. winds over the Nn. half of our Islands, slight and very variable in the south.
Barometer falling except in the south and southeast, where a slight rise was in progress.

TEMPERATURE

Highest 60° at Nice, 57° at Rochefort, 51° at Sicily, 50° in London and at Aberdeen; 58° at Stockholm, 54° at Wisby.
Lowest 40° at Haparanda, 43° at Malin Hd., 44° at Stornoway, Wick and Sumburgh Head.
The highest of the maxima recorded during yesterday were 65° at Jersey and in London, 67° at Loughborough, 69° at Oxford, 73° at Paris and Rochefort; 75° at Brussels, 77° at Berlin.

WIND

S. to SW.; moderate to fresh, in Ireland and Scotland; SW.; light, over England; SW. to NW.; and light, over France.
It had been very light and variable over England during the preceding 24 hours.

WEATHER

Cloudy and showery in the NW. and N. fair elsewhere, but with fog or mist in several places, and a rather unsettled appearance generally.
A good deal of rain fell in showers, at some of our SEn. stations yesterday, accompanied by thunder and lightning – a large amount at Cape Gris Nez. Bright Sunshine recorded yesterday was – Pembroke and Valencia about 6½ hrs., Southport 4.9 hrs. Cambridge 3.0 hrs., London 2.4 hrs.

SEA

Rough in the Minch, moderate at Valencia, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Showery and rather windy weather is probable over our Wn. and Nn. districts, but fairer weather in the S. and E.

FORECASTS

For the 24 hours ending at NOON on 30TH APRIL 1897.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SW. and W. winds, strong; showery.
1	SCOTLAND EAST	SW. breezes, fresh; slight showers; bright intervals; mild.
2	ENGLAND N.E.	
3	ENGLAND EAST	Same as No. 5.
4	MIDLAND COUNTIES	Same as Nos. 1 and 2.
5	ENGLAND SOUTH	SW. breezes; moderate; fair as a whole, but possibly a slight shower or two, mild.
6	SCOTLAND WEST	Same as No. 0.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SW. winds, fresh; showery.
9	IRELAND NORTH	S. and SW. winds, showery.
10	IRELAND SOUTH	
	WARNINGS	At 11.35 am. to district 1. Hoist South Cone.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.99	45	44	SW	6	f	3	Valencia	30.11	53	48	N	3	bcv	3
Sumburgh Head	29.89	45	44	SW	2	o	3	Scilly	30.03	52	51	N	3	o	2
Stornoway	29.96	51	48	NW	3	o	3	Jersey	30.06	64	59	W	3	bc	3
Aberdeen	29.96	46	45	NE	2	cm	2	Hurst Castle ...	29.95	61	57	SW	1	bc	1
Shields	30.00	47	47	NE	2	or	2	Dungeness ...	30.03	55	53	SW	1	bcp	0
Ardrossan	30.01	53	52	2	0	c	0	North Forsland	30.04	55	54	NW	2	o	1
Malin Head ...	30.05	49	48	NW	3	bc	1	London (Westminster)	30.03	63	58	2	0	cg	*
Belmullet	30.12	50	46	N	1	b	*	Yarmouth ...	30.03	50	48	NE	2	bc	3
Holyhead	30.04	54	52	W	1	b	1	Rochefort ...	30.04	68	64	SW	3	c	*

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

Weather in morning still fine and bright over N^W., C^L. and central Europe, together with the E^N. and S^W. parts of the Mediterranean; very changeable over the British Islands and their neighbourhood, with showers at several of our W^N. stations, fog in the E. Considerable rain later at the eastborne S.E^N. stations, accompanied by thunder and lightning; smaller quantities in the NW. and N. and 0.3 in. at Christiansund.

Temperature rising in most places. Morning readings highest 66° at Brindisi, and exceeding 60° at many of the Mediterranean stations; 61° at Brussels, 60° at Paris, 57° at Stockholm, 56° at the N. Foreland. Lowest 28° at Archangel, but above 40° at all the other N^N. stations, 41° at S^T. Petersburg, 42° at Hernösand, 44° at Loughborough. Rising later to between 60° and 69° over England to 73° at Paris and Wiesbaden, 75° at Brussels, 77° at Berlin.

Wind (1) light from NW. and N. at our western stations, and from SE. and S. over Germany, the Baltic and the eastern shores of the North Sea; (2) extremely light and variable over England, the N. of France and the Netherlands, (3) very light NW^LY. over Russia.

Barometer (1) highest 30.3 ins. and more over S.E^N. Europe, and exceeding 30.1 ins. all over the Mediterranean, Italy, Germany, the Baltic and Sweden; (2) exceeding 30.0 ins. off the W. of Ireland. Lowest, below 29.9 ins. in a shallow depression near the Shetland Isles, and below 30.0 ins. in others over the W. of France and the English Channel. Rising at our W^N. and S^W. stations later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Friday, 30th April, 1897.

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 ...	29.81	31	NE	0	b	29.77	-.07	38	35	- 2	NE	0	bc	*	b	*	45	30	0.08
	Hernösand ...	29.84	41	NE	0	c	29.76	-.09	44	41	+ 3	S	4	c	*	c	*	59	32	-
	Stockholm ...	29.97	54	NE	0	b	29.85	-.08	54	51	- 4	SE	2	0	*	b	*	63	41	-
	Wisby	30.01	51	S	4	b	29.89	-.14	56	53	+ 5	SSW	4	0	*	b	*	63	41	-
	Karlstad ...	29.94	48	SSE	2	0	29.80	-.19	48	46	+ 3	SSE	2	c	*	0	*	*	*	-
	Bodö	29.69	44	E	1	0	29.52	-.25	43	41	- 1	W	1	r	0	0	*	45	41	0.08
	Christiansund ...	29.63	46	NNW	2	c	29.52	-.33	47	45	+ 1	NW	2	r	4	c	*	54	45	-
	Skudesnaes ...	29.70	43	S	6	0	29.61	-.37	43	43	+ 1	S	8	r	5	5.0	*	45	39	*
	Færder (Christiania Fjord)	29.92	45	S	2	0	29.77	-.22	44	44	+ 1	S	1	r	2	0	*	46	43	-
	Skagen (The Scaw)	29.98	47	SSW	1	c	29.80	-.25	47	47	+ 5	SSW	1	r	0	c	*	52	41	-
	Fanö	29.96	47	SW	2	m	29.82	-.23	47	47	+ 3	SW	4	m	*	m	*	48	43	-
British Islands.	Sumburgh Head	29.48	44	S	3	r	29.40	-.30	44	42	0	NNW	1	0	3	r	*	45	39	0.12
	Stornoway ...	29.53	47	W	3	0	29.48	-.16	43	43	- 1	NW	3	0	3	r.0	0.3	47	36	0.09
	Wick	29.50	46	SW	2	0	29.45	-.25	45	43	+ 1	NW	4	c	2	0p	*	48	38	0.08
	Nairn	29.53	51	W	4	c	29.48	-.26	45	44	0	NW	2	bc	1	c	*	52	38	0.05
	Aberdeen ...	29.53	47	SSW	5	ogqr	29.50	-.31	45	41	- 5	W	2	bc	1	c,rqqr	3.6	52	42	0.03
	Leith	29.68	47	WSW	3	0	29.55	-.31	48	44	- 3	W	3	bc	*	0	*	57	42	0.02
	Shields	29.78	52	ESE	3	c	29.59	-.35	48	45	- 7	SW	3	0	2	c,r	*	61	45	0.10
	Spurn Head ...	29.86	57	NW	5	bc	29.67	-.33	51	49	+ 2	SW	4	0	3	f.bc,r	*	64	47	0.04
	York	29.86	58	SW	3	c	29.68	-.35	46	46	- 6	SW	1	0	*	c	7.4	65	45	0.04
	Loughborough ...	29.92	58	SW	3	c	29.73	-.31	51	48	+ 4	SW	3	ou	*	bc.c,op	*	66	47	0.05
	Ardrossan ...	29.68	47	S	4	r	29.56	-.30	47	46	0	WSW	3	c	3	c,r	*	48	42	0.16
	Malin Head ...	29.63	45	W	6	r	29.59	-.20	44	43	+ 1	WNW	4	c	3	r	*	48	39	0.21
	Belmullet ...	29.74	49	NW	8	om	29.73	-.11	47	44	- 1	WSW	4	c	*	or.om	*	50	40	0.38
	Donaghadee ...	29.73	47	SSW	5	r	29.64	-.29	46	44	- 3	W	4	c	2	r	*	54	41	0.20
	Liverpool (Bidston)	29.89	53	SW	4	bc	29.68	-.31	46	43	- 9	WSW	2	0	3	bc.r	*	61	43	0.10
	Holyhead ...	29.87	48	SW	6	oq	29.69	-.30	46	45	- 2	WSW	3	0	3	c.oq	*	54	44	0.21
	Parsonstown ...	29.79	48	WSW	2	0	29.73	-.22	47	44	- 1	W	1	c	*	c,p.r	3.2	57	42	0.14
	Valencia ...	29.85	50	SSW	4	ogr	29.82	-.17	49	46	- 2	W	5	cp	5	rq	0.8	51	45	0.22
	Roche's Point ..	29.92	48	SW	5	r	29.81	-.26	49	46	0	WNW	3	c	3	rm	*	52	45	0.05
	Pembroke (St. Ann's Hd.)	29.96	49	SW	5	0	29.78	-.27	47	46	- 2	W	4	0	4	c.0	1.5	51	45	0.11
	Scilly	30.02	51	SSW	4	c	29.86	-.23	51	50	0	WSW	4	rm	3	0,c	1.9	56	49	0.02
	Prawle Point ...	30.10	49	WSW	3	bc	29.87	-.26	50	49	+ 1	WSW	4	cu	3	bc,c	*	51	42	-
	Jersey (St. Aubin's)	30.08	56	WSW	3	bm	29.93	-.24	54	50	+ 2	W	4	b	3	bcm	*	59	45	-
	Hurst Castle ...	30.05	52	SW	3	bm	29.88	-.25	51	50	- 1	SW	4	0	2	cm.bm	*	56	49	-
	Dungeness ...	30.09	51	WSW	4	c	29.86	-.24	52	50	+ 3	WSW	4	bc	3	c	*	55	47	-
Germany & Holland.	North Foreland	30.04	57	SSW	3	c	29.89	-.22	53	51	+ 1	SSW	3	cw	2	b,c	*	60	44	-
	London (Brixton) ...	29.99	56	SW	2	b	29.84	-.26	55	50	+ 5	SW	4	bc	*	bc.b	7.8	65	45	-
	Oxford	30.00	50	WSW	2	b	29.79	-.30	50	48	+ 1	S	3	0	*	0,b	*	62	46	-
	Cambridge ...	29.95	60	SW	4	b	29.79	-.28	51	49	- 5	SW	4	d	*	b	7.8	67	45	-
	Yarmouth ...	29.93	59	S	3	bc	29.79	-.23	53	50	0	SW	5	bc	4	b,t	*	63	45	-
	Cuxhaven ...	30.01	50	W	4	f	29.89	-.16	53	53	+ 2	WSW	3	0	*	f	*	55	48	-
	Berlin	30.06	61	NE	0	r	30.00	-.11	58	55	- 4	SW	1	b	*	r	*	75	52	0.16
	Wiesbaden ...	*	*	*	*	*	30.04	-.17	56	54	- 1	NE	1	bc	*	*	*	73	48	0.55
	Munich	30.23	54	SW	4	bc	30.13	-.17	58	54	+ 3	SSW	2	b	*	bc	*	66	48	-
	The Helder ...	29.98	48	SW	1	f	29.84	-.24	49	48	0	SW	4	0	1	f	*	55	48	-
Belgium.	Brussels ...	*	*	*	*	*	29.93	-.24	56	53	- 1	SW	1	bc	*	b	*	69	48	-
	Cape Gris Nez ...																*			
	Paris	30.08	68	WSW	2	bc	29.99	-.20	55	54	- 2	W	1	r	*	bc	*	74	53	0.20
	Brest	30.07	57	W	1	b	29.96	-.19	52	50	0	WSW	1	b	1	b	*	59	46	-
	Lorient	30.07	61	WNW	2	b	29.95	-.22	51	50	+ 2	WSW	2	b	2	b	*	64	48	-
France &	Rochefort ...	30.08	67	E	2	0	30.02	-.12	59	57	+ 2	S	3	r	*	c,klr	*	75	57	0.12
	Belfort	30.10	63	WSW	4	c	30.01	-.22	55	53	+ 1	NE	0	c	*	c	*	70	49	-
	Lyons	30.15	63	SSW	2	bc	30.05	-.21	60	54	+ 2	S	2	c	*	bc	*	71	?	-
	Nice	30.25	59	SW	2	b	30.19	-.10	57	54	- 3	NE	0	b	0	b	*	68	50	-
	Perpignan ...	30.18	60	E	2	b	30.11	-.18	61	58	+ 6	E	2	b	*	b	*	69	50	-
	Biarritz ...	29.98	63	NE	3	c	29.97	-.13	64	57	+ 7	SSW	3	0	2	c,l	*	70	?	-
Peninsula.	Corunna ...																*			
	Lisbon	30.02	70	NNW	4	b	30.05	-.05	59	56	0	N	4	b	*	b	*	70	54	-
	Azores (P. Delgada)	30.26	57	NNE	4	c	30.22	+.04	57	55	0	N	4	r	2	c	*	61	52	0.08

For Explanation of Columns, see bottom of last page.

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

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

Bright Sunshine yesterday Southport 6.5 hrs;

WEATHER CHARTS

FOR ..... Fridays 30th April, ... 1897.

BAROMETER, WIND AND SEA.

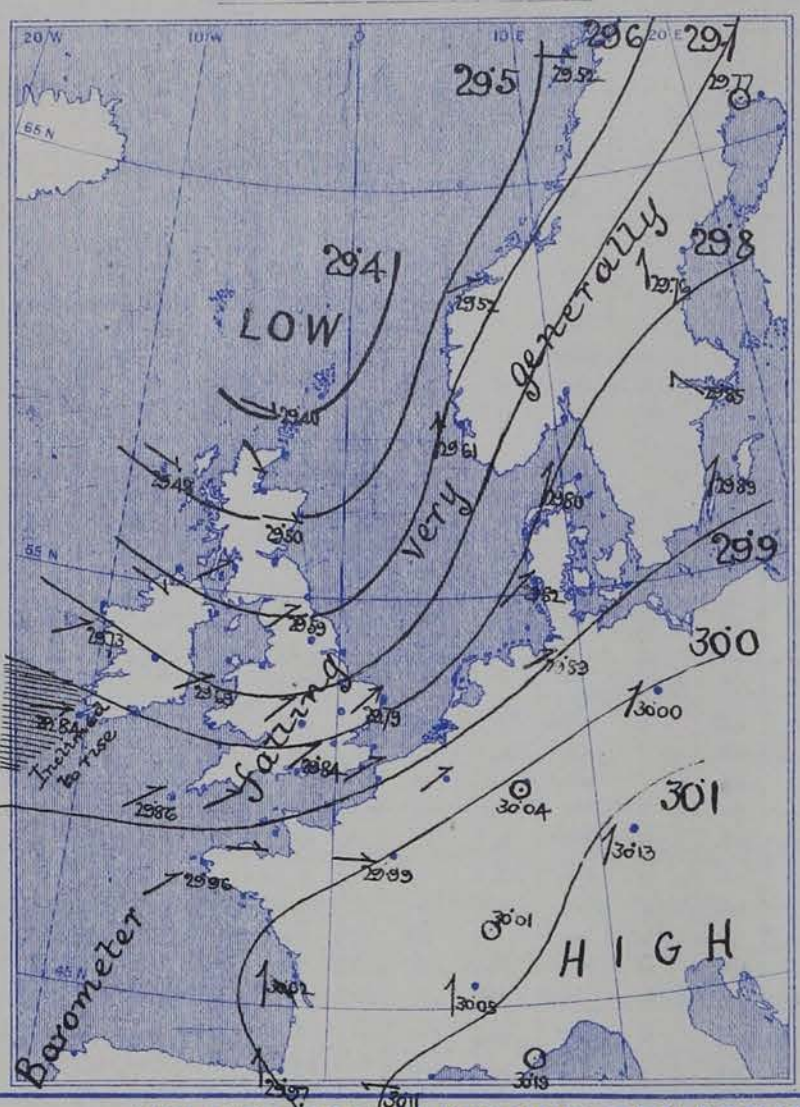
BAROMETER —*Isobars are drawn for each tenth of an inch.*

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

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

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

SEA—*Rough* ▤ ; *High* ▩

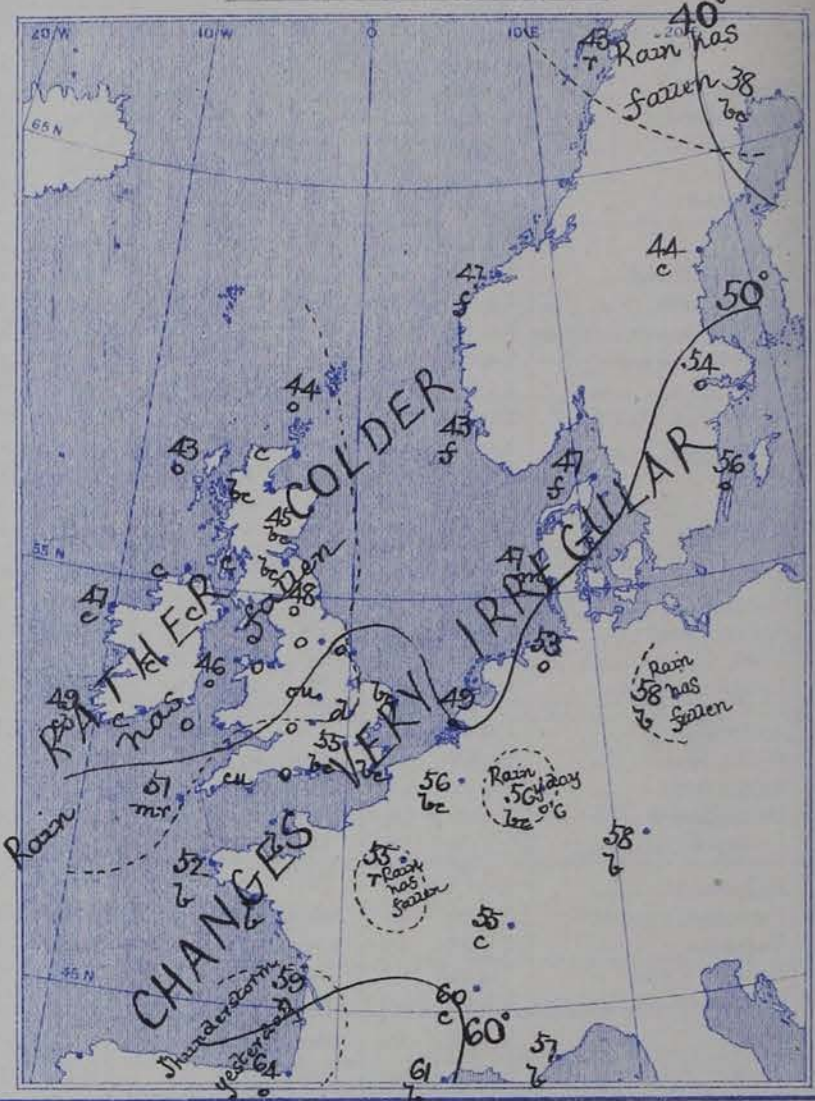


TEMPERATURE & WEATHER.

TEMPERATURE—*Isotherms are drawn for each 10°.*

WEATHER—*Shown by Letters of the Beaufort Scale.*

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 860	42 · 1	40 · 4	46 · 2	36 · 9	54	1893, 94, 95	22	1895	1 · 95	—	—
Stornoway	29 · 845	43 · 8	42 · 3	49 · 2	37 · 1	67	1893	20	1881	2 · 49	159 · 0	37
Wick	29 · 866	43 · 3	41 · 3	49 · 3	37 · 0	69	1875	23	1892	1 · 63	—	—
Nairn	29 · 868	43 · 0	40 · 7	51 · 4	36 · 9	72	1875	21	1892	1 · 21	—	—
Aberdeen	29 · 885	43 · 5	40 · 8	49 · 6	38 · 0	72	1892	23	1881, 92	1 · 96	154 · 0	36
Leith	29 · 887	44 · 2	41 · 8	52 · 2	37 · 9	75	1875	23	1881	1 · 46	—	—
Shields	29 · 891	43 · 6	41 · 4	49 · 3	38 · 4	71	1892	25	1892	1 · 65	—	—
Spurn Head	29 887	44 · 1	42 · 4	48 · 6	40 · 2	67*	1885	30*	1881, 89	1 · 35	—	—
York	29 · 901	43 · 7	41 · 6	54 · 0	37 · 5	78	1893	22	1881, 91	1 · 68	139 · 4	33
Loughborough	29 · 905	44 · 1	41 · 8	55 · 7	37 · 7	81*	1893	23*	1891, 92	1 · 71	—	—
Ardrossan	29 · 879	44 · 6	42 · 4	51 · 7	39 · 4	73	1874	26	1892	2 · 03	—	—
Malin Head	29 · 855	44 · 2	42 · 2	50 · 1	41 · 7	—	—	—	—	—	—	—
Belmullet	29 · 863	46 · 5	44 · 3	52 · 2	42 · 7	—	—	—	—	2 · 48	—	—
Donaghadee	29 · 883	44 · 8	43 · 1	51 · 2	40 · 5	64	1873, 74, 75	30	1876, 82, 95	1 · 86	—	—
Holyhead	29 · 880	46 · 0	44 · 0	51 · 7	42 · 0	75	1874, 93	31	1881, 92	1 · 86	—	—
Liverpool	29 · 892	45 · 2	42 · 2	53 · 0	40 · 4	75	1893	29	1881	1 · 54	—	—
Parsonstown	29 · 883	45 · 1	42 · 7	54 · 9	38 · 2	73	1893	21	1892	2 · 04	155 · 8	38
Valencia	29 · 871	48 · 4	45 · 9	54 · 3	43 · 0	70	1892	30	1879, 92	3 · 67	171 · 5	42
Roche's Point	29 · 873	47 · 0	44 · 7	53 · 8	42 · 4	72	1893	31	1892	3 · 06	—	—
Pembroke	29 · 875	45 · 4	43 · 7	50 · 7	42 · 0	70	1893	30	1879, 81	1 · 89	185 · 9	45
Scilly	29 · 872	48 · 8	46 · 8	52 . 3	44 · 9	66	1893	32	1876	2 · 15	—	—
Prawle Point	29 · 890	46 · 6	44 · 9	52 . 3	41 · 1	69*	1893	29*	1888	1 · 94	—	—
Jersey	29 · 893	48 · 8	46 · 1	54 · 7	43 · 7	84	1874	32	1871, 76, 92	2 · 01	196 · 3	48
Hurst Castle	29 · 893	45 · 8	44 · 4	52 · 8	41 · 3	74	1893	26	1887	1 · 72	—	—
Dover	29 · 884	46 · 4	44 · 1	51 · 4	41 · 4	69	1873	25	1892	1 · 61	—	—
LONDON	29 · 901	46 · 2	43 · 2	56 · 6	39 · 8	82	1893	27	1873, 84, 87, 92	1 · 70	113 · 9†	28†
Oxford	29 907	44 · 4	42 · 1	55 · 2	38 · 8	80	1893	23	1892	1 · 66	152 · 1	37
Cambridge	29 · 904	45 · 7	43 · 0	56 · 7	37 · 1	84	1893	21	1878	1 · 56	157 · 7	38
Yarmouth	29 · 894	44 · 7	43 · 0	49 · 2	40 · 0	72	1885	25	1878	1 · 63	—	—

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

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 ins: and more to 29·9 ins: over the greater part of France and Germany
Lowest, 29·4 ins: at Lerwick Head, and below 29·5 ins: over the northern part of Scotland.
Gradients moderate.
Barometer inclined to rise at Valencia (Ireland) falling everywhere else.

TEMPERATURE

Highest, 64° at Biarritz, 58° at Berlin, 55° in London and at Paris, 54° at Stockholm.
Lowest, 38° at Haparanda, 43° at Skudesnaes, 44° at Lerwick Head, Malin Head.
The highest of the maxima recorded over England yesterday ranged from 60° to 67°; at Berlin and Rochefort the thermometer rose to 75° and at Paris to 74°.

WIND

S. to SW. over the North Sea and east of England, SW. to W. on our eastern coasts and in the Channel.
In force it is moderate generally.
It blew strongly in the east of Scotland from the SW. yesterday.

WEATHER

Fair but not settled, in most places, showery at Valencia, Paris and Rochefort
Rain has fallen very generally at our eastern and northern stations, but not heavily. A considerable fall has occurred at Wiesbaden.
Bright Sunshine recorded yesterday was Cambridge and London 7·8 hrs. York 7·4 hrs, Southport 8·6 hrs.

SEA

Rather rough at Valencia and Skudesnaes, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A continuation of changeable weather (showers, separated by bright intervals) is probable – showers being heaviest in the northwest and north.

FORECASTS

For the 24 hours ending at NOON on 1st MAY, 1897.

DISTRICTS.		FORECASTS.
▼ 0	SCOTLAND NORTH	W. 24h and SW. 24h winds, moderate or light; passing showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	SW. 24h and W. 24h winds, moderate to light; slight showers, bright intervals.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Varying W. 24h to S. 24h winds, light to fresh; fair to rainy.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
WARNINGS		The South Cone is still flying in district 0.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.92	45	42	ESE	7	f	4	Valencia	29.92	48	47	S	4	qr	5
Sumburgh Head	29.57	44	43	SSW	8	f	4	Scilly	30.07	56	53	SSW	3	o	2
Stornoway	29.53	45	45	NNW	4	r	5	Jersey	30.15	56	52	SW	3	bcm	3
Aberdeen	29.69	51	43	SW	6	ogq	3	Hurst Castle ...	30.07	54	52	SW	3	cm	2
Shields	29.85	60	55	SW	4	c	2	Dungeness ...	30.08	52	50	SW	4	c	3
Ardrossan	29.76	48	47	SSW	3	c	3	North Foreland	30.06	59	57	S	3	b	2
Malin Head ...	29.66	47	47	S	6	r	3	London (Westminster)	30.04	63	56	SW	2	bc	*
Belmullet	29.73	49	49	SW	5	or	*	Yarmouth ...	29.98	63	57	SW	2	b	3
Holyhead	29.94	50	48	SW	6	c	4	Rochefort ...	30.16	69	65	N	2	c	*

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

Weather in morning fine and bright over the greater part of Continental Europe and the eastern part of England; dull and changeable over the west and north of our Islands, with rain in places; and dull over Norway and the greater part of Sweden. Rain falling later in small quantities over all our western and northern districts, showers at some of the Continental stations (heavy at Wiesbaden), and thunder occurring both at Lyons and Yarmouth; lightning at Biarritz.

Temperature in morning highest, 66° to 69° at many of the Mediterranean stations. 62° at Berlin, 57° at Paris, and 50° to 56° over the eastern counties of England, 51° at Valencia; 56° at Riga, 58° at Stockholm. Lowest 24° at Archangel, 40° at Haparanda, 42° at Skudesnaes, 43° at Malin Head, 44° at Stornoway and Wick. Rising later to between 60° and 67° over England, to 74° at Paris, and to 75° at Rochefort and Berlin.

Wind very light and variable (mainly anticyclonic) over the greater part of the Continent and the Mediterranean; S. to W., light to fresh, over the British Islands. SW. to SE. over Scandinavia, and blowing hard at Skudesnaes. Blowing somewhat strongly at several Scotch stations later, and freshening considerably over the Irish Sea.

Barometer highest 30.3 in. and more over Italy and south-eastern Europe, and exceeding 30.1 in. over all but the north-western countries. Lowest below 29.7 in. over the Shetlands and extreme north-west of Scotland and below 29.8 in. over the west of Lapland. Falling slowly all day over the British 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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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,, Weekly ,, ,, ,, £1 10 0 ,,

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.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
1	Biarritz	29.78	57	N	4	r	29.63	-.17	57	-	+ 3	W	6	o	6	r	-	64	52	0.20
..	Coruna	29.82	61	SW	6	f	29.78	-.05	55	50	- 2	W	7	f	5	f	-	63	48	0.16
2	Coruna	29.86	57	W	9	bc	30.12	+.34	55	51	0	WNW	4	f	9	bc	-	59	46	0.32
3	Coruna	30.09	60	W	6	bc	29.89	-.23	59	55	+ 4	SW	6	o	?	bc	-	61	55	-
5	Coruna	30.12	56	WNW	6	b	?	?	57	54	+ 4	?	4	o	3	b	-	59	50	-
6	Coruna	29.97	63	SW	4	o	30.15	?	53	51	- 4	NW	3	b	2	o	-	64	46	0.24
7	Wisby	30.01	34	S	4	o	30.01	+.19	33	-	o	NE	4	S	-	o	-	39	28	0.04
..	Coruna	30.18	57	WNW	6	b	30.31	+.16	53	46	o	NW	7	o	5	b	-	57	45	-
8	Coruna	30.38	50	NW	7	o	30.47	+.16	52	49	- 1	NW	3	o	6	o	-	54	43	-
9	Coruna	30.44	55	W	6	o	30.41	-.06	55	53	+ 3	NW	4	o	4	o	-	57	50	-
-	Azores (P. Delgada)	30.48	61	ESE	4	o	30.43	-.02	61	58	+ 2	SSE	4	o	3	o	-	64	59	-
10	Coruna	30.44	56	NW	3	b	30.39	-.02	54	51	- 1	NW	2	b	4	b	-	57	48	-
11	Azores (P. Delgada)	30.46	61	NNW	1	o	30.41	-.03	61	58	+ 1	NNW	4	o	4	o	-	66	59	-
13	Coruna	29.60	57	S	6	r	29.92	+.07	52	49	- 3	NW	4	o	8	r	-	57	46	0.47
14	Coruna	30.05	54	NW	3	bc	30.10	+.18	54	50	+ 2	SW	3	o	5	bc	-	55	45	-
..	Azores (P. Delgada)	30.40	59	NNW	3	o	30.44	+.12	61	59	o	NNW	3	o	4	o	-	66	55	-
15	Coruna	30.23	55	NW	3	o	30.49	+.39	52	46	- 2	N	1	b	7	o	-	64	45	-
..	Azores (P. Delgada)	30.56	59	SSE	4	o	30.59	+.15	59	53	- 2	NE	4	o	3	o	-	66	55	-
17	Coruna	30.52	54	NNW	6	b	30.45	-.12	48	45	- 3	N	1	b	8	b	-	55	37	-
18	Azores (P. Delgada)	30.37	62	SSE	4	o	30.34	-.04	61	57	+ 1	S	1	o	1	o	-	68	59	-
20	Coruna	30.13	58	N	4	o	30.08	-.11	54	53	o	SW	4	o	3	o	-	59	50	0.08
..	Azores (P. Delgada)	30.39	62	SSE	1	o	29.93	-.48	61	55	+ 2	SW	4	o	3	o	-	66	59	-
21	Coruna	30.05	58	NNW	4	bc	29.81	-.27	59	-	+ 5	S	3	o	3	bc	-	59	52	-
22	Coruna	29.71	64	S	6	b	29.65	-.16	60	55	+ 1	S	1	bc	5	b	-	64	54	-
..	Azores (P. Delgada)	30.10	58	NNW	5	bc	30.06	-.03	58	54	o	NNW	4	c	4	bc	-	63	54	-
23	Coruna	29.56	61	N	4	bc	29.47	-.18	55	54	- 5	N	1	o	3	bc	-	64	52	0.20
24	Coruna	29.48	59	NNW	3	o	29.58	+.11	58	55	+ 3	SW	3	o	2	o	-	61	52	0.04
26	Coruna	29.52	59	N	4	o	29.59	-.01	?	?	?	S	?	?	3	o	-	68	50	0.20
28	Coruna	29.82	62	S	4	b	30.02	+.22	57	53	+ 1	S	3	b	2	b	-	63	50	-
29	Coruna	30.08	65	S	1	o	30.09	+.07	55	52	- 2	NNW	2	b	3	o	-	66	55	-
30	Cape Gris Nez	30.13	51	SW	1	b	29.96	-.14	49	-	+ 2	SW	2	f	1	b	-	52	45	-
-	Coruna	30.00	58	NNW	2	r	30.06	-.03	58	55	+ 3	S	1	bc	2	r	-	63	50	0.12

PORTS FOR APRIL 1897.

2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
1	Belmullet	-	-	-	-	-	-	-	-	35	-	-	-	-	-	-	-	-	-	-
-	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-
2	Leith	-	-	-	-	-	29.65	-	-	-	-	-	-	-	-	-	-	-	-	-
-	York	-	-	-	-	-	29.59	+.41	-	-	-	-	-	-	-	-	-	-	-	-
-	Prawle Point	-	-	-	-	-	-	-	43	-	+6	-	-	-	-	-	-	-	-	-
-	Dungeness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-
-	London	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-
5	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rain
6	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-
"	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.55
-	Hurst Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	-
7	Hurst Castle	-	-	-	-	-	29.65	-.04	-	-	-	-	-	-	-	-	-	-	-	-
8	Hurst Castle	-	-	-	-	-	-	+.38	-	-	-	-	-	-	-	-	-	-	-	-
9	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-
10	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-
11	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.4	-	-	-
12	Wick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	-
13	Ararossan	29.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Belmullet	-	-	-	-	-	29.44	-.08	-	-	-	-	-	-	-	-	-	-	-	-
"	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-
15	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-
17	Loughborough	-	-	-	-	-	29.90	-.13	-	-	-	-	-	-	-	-	-	-	-	-
-	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-
19	Liverpool	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-
22	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-
"	Malin Head	-	-	-	-	-	30.15	+.34	-	-	-	-	-	-	-	-	-	-	-	-
23	Yarder	30.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Aberdeen 2pm	-	-	-	-	-	-	-	47	-	-	-	-	-	-	-	-	-	-	-
25	Roches Point	-	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Pembroke	29.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Parsonstown	29.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	North Foreland	-	-	-	-	-	30.11	-	-	-	-	-	-	-	-	-	-	-	-	0.35
30	North Foreland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	-	-