2105

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS

1ST JANUARY TO 30TH JUNE, 1900.

DAILY WEATHER REPORT.

January to June 1900.

E. Weller & Grahams, Ltd Litho. London

DAILY WEATHER REPORT

for 8 a.m. on Thursday 1st March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Weather	Hours of Bright Sunshine	Temp. Max	Temp. Min	Rainfall
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda	29.95	5	N	2	b	30.15	+.48	16	15	+19	N	2	c	•	b	•	16	−4	—
	Hernösand														•		•			
	Stockholm	29.62	21	NNE	4	o	29.75	+.14	12	11	−3	N	9	s	•	o	•	21	12	0.04
	Wisby	29.54	22	N	10	s	29.67	+.01	19	18	−4	N	10	s	•	s	•	25	19	0.04
	Karlstad	29.85	23	N	6	b	30.00	+.27	23	20	+5	N	8	c	•	b	•	•	•	—
	Bodö	30.24	26	N	6	b	30.30	+.29	22	20	−5	E	2	b	1	b	•	28	19	—
	Christiansund ...	30.27	31	ENE	5	s	30.38	+.22	34	33	+2	ENE	3	s	4	s	•	34	30	0.04
	Skudesnaes ...	30.10	32	N	4	b	30.26	+.36	28	26	−4	N	6	b	2	b	•	38	27	•
	Færder (X'iania Fjord)	29.92	29	NNW	6	b	30.06	+.21	26	23	0	NNW	6	b	2	b	•	32	25	—
	The Scaw (Skagen)	29.92	29	NNE	7	bc	30.05	+.23	27	27	−1	NNE	7	bc	2	bc	•	32	27	—
	Fanö	29.98	29	N	3	b	30.08	+.24	26	25	−3	NW	4	b	•	b	•	37	25	—
	Sumburgh Head ...	30.31	37	NNE	3	o	30.44	+.27	36	34	−2	N	2	c	5	o	•	40	35	—
	Stornoway	30.38	42	E	4	o	30.49	+.21	38	37	−2	NE	3	o	3	bc o	7.0	45	35	0.03
	Wick	30.34	40	N	3	o	30.47	+.22	39	37	+1	N	1	o	1	o	•	43	37	—
	Nairn	30.34	38	E	4	o	30.45	+.22	38	36	0	E	3	c	3	o	•	42	35	0.03
	Aberdeen	30.29	37	N	5	cq	30.42	+.23	38	34	−1	N	3	og	5	bcp. cq	1.8	43	36	0.01
	Leith	30.24	37	E	3	o	30.39	+.24	38	36	+1	NNE	2	o	•	o	•	41	35	0.12
	Shields	30.15	39	NNE	4	c	30.29	+.27	38	36	−2	NNE	4	op	5	opd. c	•	41	35	0.01
	Spurn Head ...	30.04	37	N	4	c	30.19	+.24	36	36	−3	NE	5	c	4	c. sq	•	44	36	0.02
	Loughborough ...	30.09	39	NNE	4.	o	30.24	+.32	35	34	−3	NNE	2	sm	•	ogq. o. c	•	41	34	—
	Malin Head ...	30.26	41	E	1	b	30.42	+.28	40	35	−1	E	3	bc	2	b	•	43	39	—
British Islands	Blacksod Pt. ...	30.23	43	NE	5	bc	30.41	+.34	40	37	−2	ENE	3	c	3	bc	•	44	37	0.02
	Donaghadee ...	30.21	44	ENE	4	c	30.39	+.29	40	39	−1	ENE	5	cu	5	c	•	44	38	0.02
	Liverpool (Ridston)	30.15	38	E	3	c	30.33	+.34	35	33	−3	ENE	3	bc	3	om. c	•	42	34	—
	Holyhead	30.13	41	NE	3	c	30.31	+.34	39	36	−2	NE	4	c	3	o. c	•	42	36	—
	Parsonstown ...	30.17	40	NE	1	o	30.35	+.35	37	34	−1	NE	1	o	•	o	0.0	42	34	—
	Valencia	30.13	44	NE	4	c	30.31	+.33	39	36	−2	NE	4	bc	4	c	0.0	45	38	—
	Roche's Point ...	30.09	43	NE	4	o	30.29	+.39	39	36	−2	ENE	3	c	3	o	•	44	38	—
	Pembroke (St. Ann's Hd.)	30.02	41	ENE	4	c	30.22	+.35	37	35	−4	ENE	4	c	3	c	0.0	41	35	0.05
	Scilly	29.93	46	NE	4	c	30.09	+.29	42	40	−2	E	6	o	3	c	0.7	50	40	—
	Jersey (St. Aubin's) ...	29.95	50	NNW	3	b	30.07	+.22	42	40	−5	NE	4	om	3	bc. b	•	55	40	0.01
	Portland Bill ...	29.98	42	ENE	3	o	30.14	+.34	37	35	−5	NE	3	c	3	od. or	•	45	33	0.08
	Dungeness	29.95	42	NE	4	o	30.08	+.29	39	38	−8	NE	4	op	3	o	•	47	37	0.02
	London (Brixton) ...	30.02	41	NE	4	o	30.16	+.33	37	35	−6	ENE	3	o	•	ogr. o	0.0	44	36	0.07
	Oxford	30.09	39	NE	3	o	30.19	+.33	37	35	−2	NNE	4	o	•	opd	•	41	35	0.03
	Yarmouth	29.96	39	N	4	c	30.15	+.30	37	34	−2	NNE	3	cu	4	c. cg	•	40	33	0.01
Germany	Cuxhaven	29.83	36	N	4	c	30.02	+.33	29	28	−5	N	5	b	•	c	•	36	27	—
	Berlin	29.68	33	NNW	4	o	29.83	+.17	25	25	−9	NW	2	b	•	o	•	36	23	—
	Wiesbaden	•	•	•	•	•	30.02	+.27	31	26	−17	N	4	b	•	•	•	54	30	—
	Munich	29.71	43	SW	5	c	29.86	+.04	26	26	−16	NW	5	s	•	c	•	50	25	0.79
France & Netherlands	The Helder ...	29.91	38	N	3	o	30.13	+.31	33	32	−6	NE	2	bc	2	o	•	39	32	—
	Brussels	•	•	•	•	•	30.15	+.36	31	29	−14	NE	3	b	•		•	51	28	—
	C. Gris Nez ...	29.93	41	NE	4	o	30.04	+.26	36	34	−9	E	1	r	1	o	•	50	34	0.04
	Paris	29.95	47	WSW	2	c	30.03	+.23	39	37	−8	NE	3	o	•	c	•	49	40	0.08
	Brest	29.87	50	WSW	1	c	29.98	+.08	41	40	−7	ENE	2	b	2	c	•	54	41	—
	Lorient	29.95	48	SW	1	c	29.96	+.08	42	41	−4	ENE	4	bc	4	c	•	57	41	—
	Rochefort	29.98	49	W	3	bc	29.92	.00	46	44	−1	SE	3	r	•	b. bc	•	54	43	0.08
	Belfort	29.92	39	WSW	5	r	29.89	+.06	38	38	−6	WSW	4	r	•	r	•	48	38	0.28
	Lyons	30.05	44	NNW	1	bc	30.03	+.10	41	39	−4	NNW	1	o	•	bc	•	52	39	—
	Nice	29.78	53	NW	2	bc	29.72	−.15	47	39	0	L	0	b	1	bc	•	55	43	—
	Perpignan	30.03	53	NW	3	b	30.03	.00	45	41	−6	NE	1	b	•	b	•	59	39	—
	Biarritz	30.02	52	WNW	3	c	29.96	−.04	47	45	−1	SSE	1	b	2	c	•	54	45	—
Span. Pen.	Corunna																•			
	Lisbon	30.23	50	N	4	b	30.12	−.14	48	45	−3	N	3	o	•	b	•	57	46	—
	Azores (P. Delgada)	30.30	54	E	3	b	30.19	−.13	55	52	+3	SSE	4	bc	3	b	•	61	54	—

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

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

Bright Sunshine yesterday Southport 0·5 *hrs.*

WEATHER CHARTS

FOR Thursday, 1st March, 1900.

BAROMETER, WIND AND SEA.

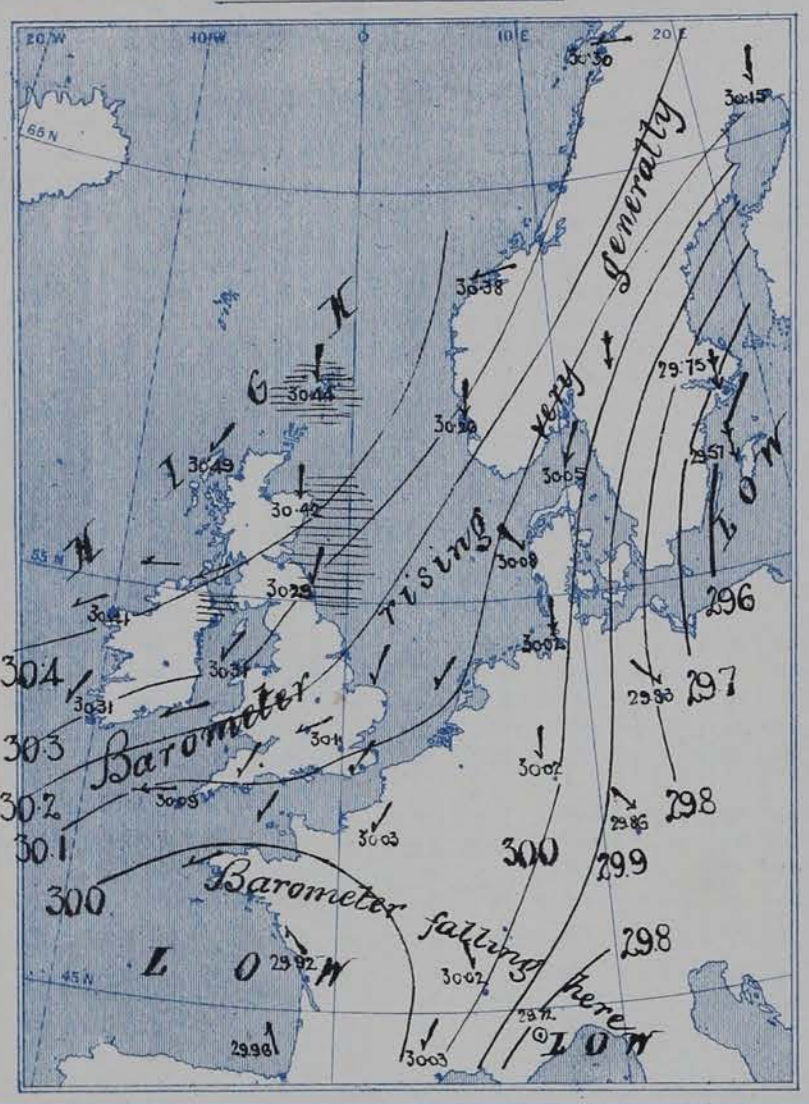
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

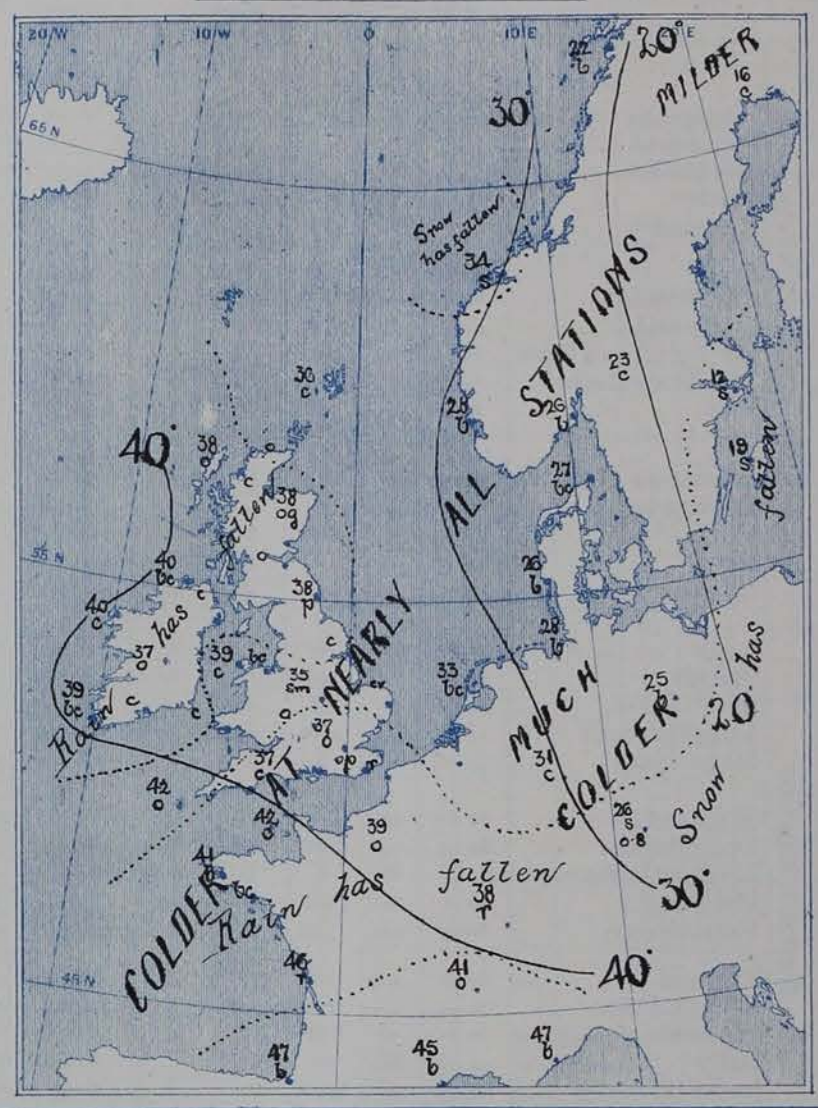


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M.	TEMPERATURE OF AIR. 1871-95.								RAINFALL	BRIGHT SUNSHINE,	
		Means of				Absolute Extremes.				Means,	Means, 1881—95.	
	Means, 1871-95.	Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.	1866—95.	Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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 30.49 ins. at Stornoway, and exceeding 30.2 ins. all over the W^rn. and N^rn. parts of our Islands & in Norway.
Lowest (1) Below 29.6 ins. in a depression over the Baltic, and (2) below 30.0 ins. over the Bay of Biscay; (3) 29.72 at Nice.
Gradient moderate in our Islands, steep over the Baltic, rather steep in the S. of France.
Barometer rising all over our Islands, falling over the S. and SW. of France.

TEMPERATURE

Highest 47° to 45° in the SW. and S. of France, 42° at Jersey and Scilly, 40° at Blacksod Point and Malin Head, Lowest (1) 12° F. at Stockholm, 16° at Haparanda, 19° at Wisby, 25° at Berlin, (2) 35° at Liverpool and Loughborough, 36° to 39° on our E. and NE. coasts.
The maxima yesterday were below 45° at nearly all our own stations. Scilly, however, reported 50°, Jersey 55°, Lorient 57°, and Perpignan 59°.

WIND

(1) N^ly., a "whole" gale over the Baltic, and a strong breeze in the south of Norway.
(2) NE^ly. moderate to fresh in our Islands and the Channel.
(3) E^ly. to S^ly. in the west of France.

WEATHER

Fair over the greater part of our Islands, but some showers were still falling at Shields, and in the SW. of France; snow in Sweden.
Rainfall yesterday was heavy at Munich, but in our Islands the falls were slight and in the W^rn. and N^rn. districts they were sporadic.
Bright Sunshine was 7 hrs. at Stornoway, but at our other stations it was very deficient - in some places there was none.

SEA

Still rather rough in the N., moderate to slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A continuation of rather cold NE^ly. winds is probable in our Islands, with dry but cloudy weather in most places.

FORECASTS

For the 24 hours ending at NOON on 2ND MARCH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NE^ly. winds, moderate; fair, dry, cold.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	NE^ly. winds, moderate; fair, dry, cold.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·02	38	35	N	6	b	2
Sumburgh Head	30·28	39	36	NNE	4	o	6
Stornoway... ...	30·33	44	43	NE	4	bc	4
Aberdeen	30·22	40	37	N	6	bcpr	6
Shields	30·13	40	38	NNE	3	apr	4
Malin Head ...	30·22	43	40	E	3	b	3
Blacksod Pt.. ...	30·17	44	40	NE	5	bc	4
Holyhead	30·09	42	40	NE	5	o	4
Valencia	30·06	44	41	NE	4	c	4
Scilly	29·88	49	46	NE	3	c	2
Jersey	29·92	53	48	SW	3	bc	3
Portland Bill ...	29·91	44	44	ENE	3	od	3
Dungeness ...	29·89	44	43	NE	4	o	2
London (Westminster)	29·95	43	42	NE	3	og	*
Yarmouth ...	29·94	39	38	NE	4	c	4
Rochefort ...	29·97	52	49	SW	3	b	*

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

Weather in morning fine and bright (1) over Algeria, E^rn. Spain and the Mediterranean, (2) over Lapland, Norway and the eastreme N. of our Islands; cloudy or overcast elsewhere, with rain in several parts of our Islands, the N. of Spain and SW. of France, rain and snow in various parts of Germany, NW^rn. Russia, Finland and Sweden. Much rain at Munich later, small quantities in the NE. and E. of our Islands, and sporadic showers in the W. and SW.

Temperature falling decidedly over N^rn. Russia, and slowly over our Islands, risen over the S of Russia and central Europe. Morning readings highest 55° to 50° at the stations in Algeria and Tunis, 56° at Barcelona, 51° at Palermo, Perpignan and Lisbon; 48° at Biarritz and Brest, above 40° over the W^rn. and S^rn. parts of our Islands. Lowest -6° F. at Archangel, -3° at Haparanda, + 14° to 16° over Russia; 26° at Faerder; 38° to 39° in the NE^rn. and central parts of England. Failing to reach 45° over the greater part of our Islands later, but touching 55° at Jersey, 57° at Lorient, 59° at Perpignan.

Wind (1) NE^ly over our Islands and Norway, W^ly over France and S. Germany, N^ly, strong, over northern Germany and the Baltic, SW^ly to SE^ly, light, over Russia; (2) SE^ly also in the north of Portugal, very variable over the Mediterranean. Rising later to a gale from N. over the Baltic, but moderating considerably at our own western and northern stations.

Barometer highest (1) 30·28 ins. at Stornoway, and exceeding 30·0 ins. at our N^rn. stations and in Norway; (2) 30·2 ins. and more over the S^rn. half of the Spanish Peninsula, and exceeding 30·0 ins. not only at Biarritz and Perpignan, but also in the S. of Russia. Lowest 29·4 ins. and less in a depression over N. Germany, and below 29·8 ins. in secondaries over the NE. of France and at the mouth of the Channel. German depression moving N^rwds later but secondaries over Channel moving S^wds.

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 7 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 March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb	Direc.	Force (0 to 13.)		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	30·31	3	SE	0	b	30·17	+·02	-8	-9	- 24	ENE	2	f	•	b	•	18	-8	-
	Hernösand	30·27	19	NE	4	b	30·24		2	2		SE	0	b	•	b	•	27	12	-
	Stockholm	29.90	18	NE	9	S	30·04	+·29	14	13	+ 2	N	4	S	•	S	•	23	10	0·12
	Wisby	29.70	19	NE	6	S	29.91	+·34	21	20	+ 2	E	4	S	•	S	•	21	14	0·20
	Karlstad	30·10	21	NW	4	b	30·17	+·17	13	12	- 10	NNE	2	b	•	b	•	•	•	-
	Bodö	30·23	23	E	2	0	30·06	-·25	29	24	+ 5	E	4	0	1	0	•	29	19	-
	Christiansund ...	30·34	34	ENE	2	S	30·19	-·19	34	33	0	WSW	2	0	3	S	•	34	34	0·12
	Skudesnaes ...	30·23	33	N	4	bc	30·23	-·03	26	25	- 2	NE	2	b	2	b	•	36	26	•
	Færder (X'iania Fjord)	30·15	30	N	6	b	30·19	+·13	25	22	- 1	NNE	6	b	2	b	•	32	25	-
	The Scaw (Skagen)	30·10	30	NE	5	b	30·14	+·09	23	23	- 4	ENE	6	b	2	b	•	30	23	-
	Fanö	30·14	29	NNW	4	b	30·10	+·02	24	24	- 2	NNW	4	b	•	b	•	32	23	-
British Islands.	Sumburgh Head ...	30·44	37	N	3	0	30·32	-·12	40	39	+ 4	N	2	0	4	c.0	•	41	34	-
	Stornoway	30·54	40	N	3	0	30·46	-·03	40	39	+ 2	NNW	3	r	3	c.0	2·3	45	34	0·05
	Wick	30·49	39	N	3	0	29.39	-·08	40	40	+ 1	N	3	0	2	0	•	42	33	0·03
	Nairn	30·50	39	NNE	2	0	30·44	-·01	37	37	- 1	SE	0	0	1	0	•	42	34	0·02
	Aberdeen	30·48	38	NNW	2	c	30·38	-·04	39	38	+ 1	NW	2	op	4	0q.c	0·2	41	36	0·04
	Leith	30·45	39	SSE	1	c	30·42	+·03	34	32	- 4	NW	3	bcm	•	c	•	41	31	-
	Shields	30·39	38	NNE	3	0	30·35	+·06	36	36	- 2	NW	3	sqp	4	c.0	•	41	34	0·06
	Spurn Head ...	30·32	38	NNE	5	bc	30·26	+·07	39	38	+ 3	NNW	5	c	3	bc.p	•	43	36	0·01
	Loughborough ...	30·35	39	NE	2	0	30·34	+·10	37	35	+ 2	NNW	2	cm	•	c.om	•	40	35	-
	Malin Head ...	30·50	40	NE	2	bc	30·50	+·08	41	39	+ 1	N	5	cp	4	bc	•	43	39	-
	Blacksod Pt. ...	30·49	42	ENE	3	bc	30·57	+·16	41	40	+ 1	NNE	2	c	2	c.bc	•	42	30	-
	Donaghadee ...	30·47	41	ENE	3	c	30·45	+·06	39	38	- 1	N	5	bc	5	c	•	42	34	-
	Liverpool (Bidston)	30·40	37	ENE	3	b	30·41	+·08	38	36	+ 3	NNE	2	0	2	s.b	•	42	35	-
	Holyhead ...	30·40	40	NE	3	cprs	30·43	+·12	41	38	+ 2	NNW	4	oqp	3	c,prs	•	41	36	-
	Parsonstown ...	30·44	39	NE	1	c	30·54	+·19	34	32	- 3	NW	1	0	•	0.c	0·7	41	33	-
	Valencia	30·40	40	NE	3	c	30·57	+·26	35	33	- 4	E	1	b	3	0q.c	2·4	42	33	-
	Roche's Point ...	30·37	40	ENE	4	cprs	30·44	+·15	39	37	0	ENE	4	c	3	cprs	•	44	37	0·01
	Pembroke (St. Ann's Hd.)	30·32	39	ENE	4	c	30·43	+·21	38	35	+ 1	NNE	2	cq	1	c	1·3	40	35	-
	Scilly	30·19	44	E	6	0	30·34	+·25	41	38	- 1	ENE	3	c	2	c.0	1·7	45	37	-
	Jersey (St. Aubin's) ...	30·16	43	ENE	5	bc	30·34	+·27	40	35	- 2	NNW	3	c	3	0,bc	•	44	38	-
	Portland Bill	30·25	39	E	3	0	30·34	+·20	36	34	- 1	N	3	cm	3	0	•	41	30	-
	Dungeness	30·24	38	ENE	4	c	30·22	+·14	36	35	- 3	N	3	c	3	c	•	45	29	0·02
	London (Brixton) ...	30·30	37	NE	2	b	30·29	+·13	37	35	0	NNW	3	0	•	c.b,od	1·5	44	34	-
	Oxford	30·37	34	ENE	2	b	30·35	+·16	37	35	0	NW	3	op	•	c.b	•	42	32	-
	Yarmouth	30·26	38	NNE	4	bcv	30·21	+·06	37	36	0	NNW	4	bc	4	hq.bcv	•	39	34	0·10
France & Netherlands. Germany.	Cuxhaven	30·08	30	N	5	c	30·02	·00	27	27	- 2	N	5	b	•	c	•	32	27	-
	Berlin	29.92	25	NW	4	S	29.84	+·01	22	21	- 3	NW	2	S	•	S	•	25	21	0·04
	Wiesbaden	•	•	•	•	•	30·06	+·04	29	26	- 2	NW	3	b	•	•	•	45	27	-
	Munich	30·05	20	W	4	b	29.99	+·13	17	16	- 9	SW	- 4	b	•	b	0	28	16	0·24
	The Helder ...	30·21	35	N	3	b	30·11	-·02	37	33	+ 4	N	3	c	2	b	•	37	33	-
	Brussels	•	•	•	•	•	30·17	+·02	31	30	0	NW	2	c	•	b	•	38	26	-
	C. Gris Nez ...	30·21	34	E	4	c	30·18	+·14	38	36	+ 2	N	6	0	5	c	•	43	32	-
	Paris	30·17	37	NNE	3	b	30·22	+·19	28	27	- 11	SW	1	0	•	b	•	44	26	-
	Brest	30·10	43	E	3	0	30·34	+·36	37	35	- 4	NE	1	c	1	0	•	50	34	-
	Lorient	30·10	44	ENE	5	0	30·30	+·34	34	30	- 8	ENE	4	bc	2	0	•	52	28	-
	Rochefort	29.92	50	NE	4	r	30·14	+·22	33	32	- 13	NE	4	b	•	0,r	•	59	30	0·28
	Belfort	30·08	27	ENE	6	b	30·16	+·27	21	19	- 17	N	1	b	•	b	•	44	17	0·04
	Lyons	30·03	33	NNW	3	sp	30·11	+·08	25	23	- 16	N	3	b	•	sp	•	50	24	0·04
	Nice	29.62	49	SW	1	b	29.57	-·15	44	36	- 3	E	4	bc	3	b	•	57	37	-
	Perpignan	29.90	52	NE	1	0	29.91	-·12	44	43	- 1	N	2	r	•	b	•	61	43	-
	Biarritz	29.91	52	N	3	bc	29.98	+·02	46	44	- 1	NE	4	0	2	bc	•	57	45	0·08
Span. Pen.	Corunna	30·02	49	NNW	4	b	30·04	-·08	48	46	0	NNW	2	b	•	b	•	55	46	-
	Lisbon																			
	Azores (P. Delgada)																			

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

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

Bright Sunshine yesterday Southport 1·3 hrs.

WEATHER CHARTS

FOR Friday, 2nd March, 1900.

BAROMETER, WIND AND SEA.

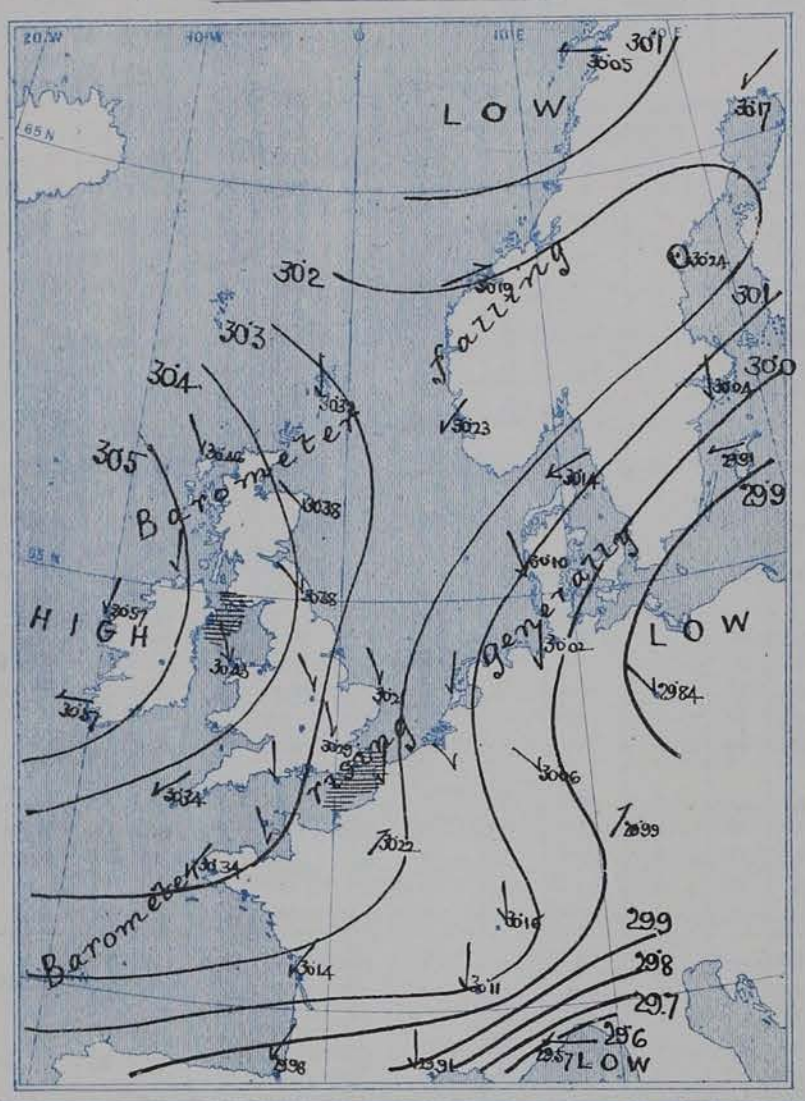
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

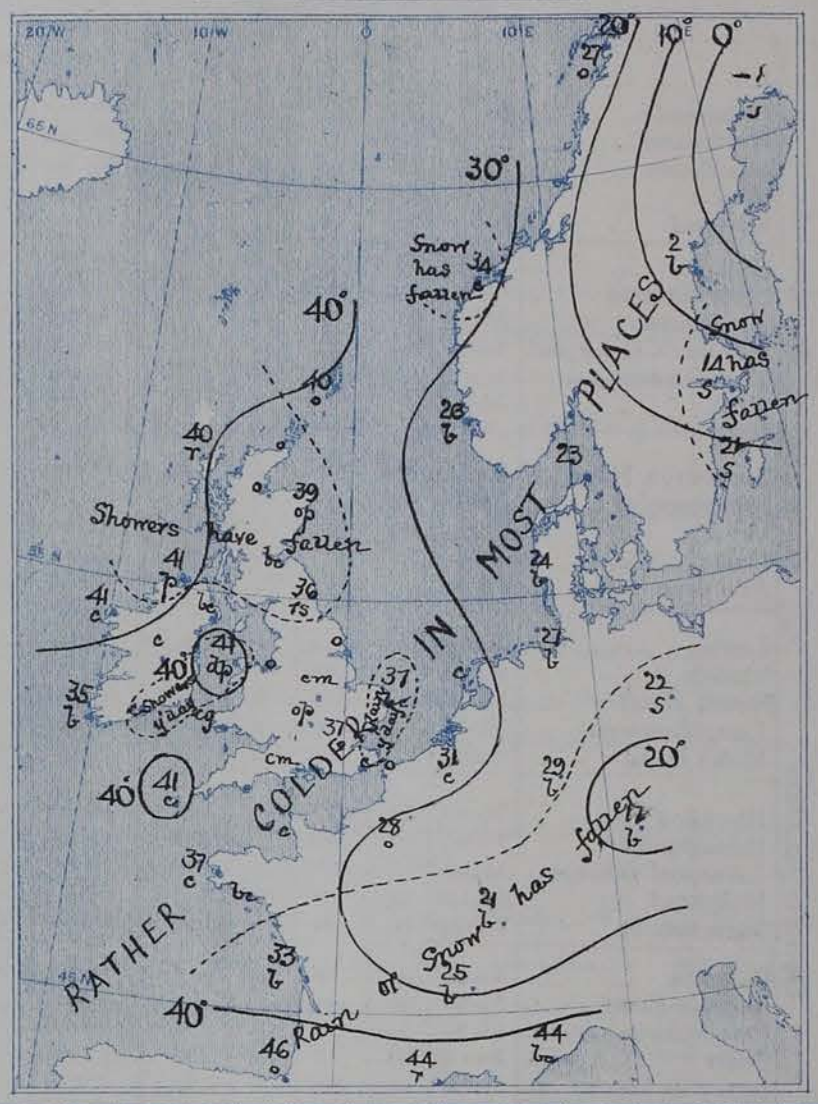


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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 more, in the west of Ireland and exceeding 30·2 ins. all over our Islands and the northwest and north of France.
Lowest, (1) 29·9 ins. and less. over Germany; (2) 30·0 ins. and less. off the northwest of Norway; (3) 29·6 ins. and less. over the Riviera.
Gradients moderate.
Barometer falling in the north both of Norway and Scotland, rising over England, Ireland, and the greater part of France.

TEMPERATURE

Highest, (1) 46° in the southwest of France, 44° in the Riviera, 41° at Scilly, (2) 41° at Malin Hd., 40° in the north of Scotland.
Lowest, -8° F. at Haparanda, +2° at Hernosand, 14° at Stockholm; (2) 23° to 27° in Denmark and Holstein, 36° to 37° in the east of England; (3) 17° at Munich, 22° at Berlin, 28° at Paris.
Yesterday's maxima were below 50° all over our Islands, and below 45° at the most northern stations.
It has changed little and rather irregularly since yesterday

WIND

NE^ly at our southeastern stations and over the Bay of Biscay, N^ly to NW^ly at the eastern and northern stations, and moderate in force.
Over the Baltic the gale reported yesterday has died down.

WEATHER

Fair in most places, but sleet and rain showers are still falling on our northeast coast, snow over Germany and the Baltic.
Very slight falls occurred yesterday at some of our northern and eastern stations and in the southwest of France
Bright Sunshine yesterday was slight – ranging from about 1 to 2½ hours in several places.

SEA

Moderate or slight in nearly all places.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Depressions moving from northwest to southeast are probable over northern Europe and the North Sea, causing changeable showery weather on our north and east coasts.

FORECASTS

For the 24 hours ending at NOON on 3RD MARCH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	W^ly to N^ly winds, increasing; rain or sleet showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	NW^ly to W^ly winds, moderate to fresh; fair and milder then cold showers.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos 0 to 2.
7	ENGLAND N.W.	
8	ENGLAND S.W.	NE^ly winds, moderate; fair.
9	IRELAND NORTH	Same as Nos 0 to 2
10	IRELAND SOUTH	Same as No 8.
	WARNINGS	NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·28	36	31	NNE	2	b	2
Sumburgh Head	30·45	34	87	N	2	c	4
Stornoway... ...	30·53	42	40	NE	2	o	2
Aberdeen	30·46	41	36	N	4	o q	5
Shields	30·38	40	37	NNE	4	c	5
Malin Head ...	30·48	42	38	E	3	bc	2
Blacksod Pt... ...	30·46	42	38	ENE	4	c	3
Holyhead	30·37	41	37	NE	4	c	3
Valencia	30·36	41	37	NE	5	o q	4
Scilly	30·15	44	41	ENE	6	o	3
Jersey	30·10	44	41	NE	4	o	3
Portland Bill ...	30·19	40	36	E	5	o	4
Dungeness ...	30·18	41	36	NNE	4	c	3
London (Westminster)	30·23	42	37	ENE	4	o	*
Yarmouth ...	30·23	39	35	NNE	4	bc	4
Rochefort ...	29·92	55	52	ESE	3	o	*

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

Weather in morning very rough and wild over W^rn Russia, the Baltic and Germany, with snow in a great many places, fair and improving over the greater part of our Islands, but still slightly showery at some of our E^rn stations, and also at Rochefort. A little cold rain and sleet later in parts of Norway and the N. and E. of Gt. Britain and some rain in the SW. of France, but on the whole the weather over the British Islands remained fair.

Temperature Highest 59° to 50° over Algeria and Malta, 48° at Corunna, 47° to 41° in the W. and NW. of France, 42° at Scilly, 40° in the N. of Ireland. Lowest 1°F. at Archangel, 3° to 8° over Finland, 16° at Riga, 23° to 29° over Germany, 36° to 39° over Gt. Britain, 37° at Parsonstown. Not exceeding 45° over the greater part of our Islands all day, remaining low over N^rn and central Europe, but rising to 50° at Brest, 59° at Rochefort, 61° at Perpignan.

Wind (1) N. 2/4 a strong gale over the Baltic and a strong to moderate breeze over Germany; (2) NE. 4/4 moderate to fresh over our Islands and the Bay of Biscay; (3) NW. 2/4 to W. 2/4 over the Baltic; (4) S. 2/4 to SW. 2/4 over Russia and southeastern Europe. The gale veering to NE. at Stockholm later. Wind over our Islands remaining moderate.

Barometer (1) Highest 30.49 ins. at Stornoway, and 30.4 ins. and more to 30.1 ins. over the whole of the British Islands and Norway; (2) exceeding 30.1 ins. over Morocco and the SW. of the Spanish Peninsula. Lowest (1) 29.4 ins. and less in a depression over the W. of Russia and the Gulf of Riga; (2) 30.0 ins. and less in a shallow disturbance over the Bay of Biscay. Still rising in our Islands later, but inclined to give way over Scandinavia.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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" Weekly " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 3rd March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb	Temperature. Change since Yesterday	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°											Ins.
Scandinavia.	Haparanda	30·20	5	SW	0	b	30·10	-·07	-2	-3	+6	SSW	2	c	*	b	*	5	-13	-
	Hernösand	30·15	8	SW	0	b	30·25	+·01	0	0	-2	SW	0	b	*	b	*	25	-2	-
	Stockholm	3001	14	NNW	4	b	30·15	+·11	13	12	-1	N	4	s	*	b	*	23	12	-
	Wisby	2987	23	N	3	s	30·01	+·10	21	19	0	E	4	s	*	c	*	25	16	0·08
	Karlstad	30·13	17	N	2	b	30·19	+·02	15	14	+2	N	2	b	*	b	*	*	*	-
	Bodö	30·21	32	E	2	b	30·07	+·02	34	31	+7	SSW	5	o	3	b	*	34	25	-
	Christiansund ...	30·16	36	WSW	2	r	30·30	+·11	36	34	+2	SW	2	o	3	r	*	36	34	0·08
	Skudesnaes ...	30·15	33	NNE	1	b	30·21	-·02	26	24	0	NE	2	b	1	c.b	*	36	26	*
	Færder (X'iania Fjord)	30·14	27	NW	1	b	30·18	-·01	27	24	+2	NE	4	o	2	b	*	28	25	-
	The Scaw (Skagen)	30·14	29	NE	1	b	30·14	·00	26	25	+3	ENE	3	b	0	b	*	30	23	-
	Fanö	30·14	23	N	3	b	30·13	+·03	25	24	+1	N	4	b	*	b	*	30	23	-
	Sumburgh Head ...	30·22	39	N	1	o	30·24	-·08	37	36	-3	NE	1	c	3	c.o	*	41	34	0·07
	Stornoway	30·35	42	NNE	2	o	30·26	-·20	38	37	-2	S	0	o	0	r.o	1·0	44	35	0·08
	Wick	30·31	41	N	3	r	30·25	-·14	37	36	-3	NW	2	bc	2	r	*	44	35	0·20
	Nairn	30·32	40	W	1	c	30·26	-·18	37	36	0	S	0	o	1	c	*	44	33	0·03
	Aberdeen	30·28	39	W	3	op	30·26	-·12	36	35	-3	WNW	3	c	3	c.q.p.o	0·9	42	34	0·05
British Islands.	Leith	30·29	36	NW	3	bc	30·25	-·17	38	36	+4	NNE	1	om	*	bc	*	51	32	-
	Shields	30·27	41	N	1	c	30·21	-·14	36	36	0	N	2	c	4	c.p.rs	*	42	34	0·10
	Spurn Head ...	30·23	40	N	4	c	30·19	-·07	38	38	-1	NW	4	c	2	c.p	*	43	37	0·02
	Loughborough ...	30·29	39	N	2	o	30·22	-·12	37	36	0	WNW	1	om	*	c.od.om	*	42	37	0·01
	Malin Head ...	30·38	42	NNW	3	p	30·24	-·26	40	38	-1	E	2	c	2	bc,p	*	43	38	0·09
	Blacksod Pt. ...	30·49	43	N	2	cp	30·29	-·28	42	41	+1	N	3	cp	2	bcp	*	46	39	0·03
	Donaghadee ...	30·38	44	NNW	3	c	30·23	-·22	41	40	+2	E	2	cg	3	c	*	44	37	0·01
	Liverpool (Bidston)	30·35	39	N	3	c	30·23	-·18	38	36	0	SW	0	m	?	cm	*	42	36	0·03
	Holyhead	30·37	42	NNW	3	c	30·21	-·22	41	40	0	NNW	1	op	1	cp,c	*	42	38	0·07
	Parsonstown ...	30·43	42	NE	1	o	30·26	-·28	40	39	+6	NW	1	or	*	o	0·1	43	33	-
	Valencia	30·49	44	NNE	1	c	30·31	-·26	39	38	+4	SW	0	c	3	c	5·2	45	34	-
	Roche's Point ...	30·45	43	N	3	o	30·32	-·22	41	39	+2	NNW	3	c	3	o	*	44	38	-
	Pembroke (St. Ann's Hd.)	30·36	41	NNE	2	c	30·24	-·19	42	40	+4	NW	2	cg	2	o,c	0·0	42	37	0·02
	Scilly	30·33	43	N	5	o	30·26	-·08	44	41	+3	NNW	3	c	2	c.o	0·0	46	39	-
	Jersey (St. Aubin's) ...	30·29	42	NNW	3	o.g.m	30·26	-·08	41	37	+1	NNE	2	om	2	o.g.m	*	43	39	-
	Portland Bill ...	30·30	40	N	3	o	30·26	-·08	39	37	+3	N	2	og	2	c.o	*	45	34	-
	Dungeness	30·19	40	NNE	3	o	30·18	-·04	37	37	+1	NNW	1	o	2	o	*	42	35	0·03
	London (Brixton) ...	30·25	40	NNW	3	b.m.2	30·21	-·08	38	36	+1	WNW	1	og	*	o.q.p.r	0·1	42	36	0·02
	Oxford	30·28	39	NNW	2	o	30·23	-·12	38	36	+1	N	1	o	*	o	*	41	36	-
	Yarmouth	30·19	38	NNW	3	o.s.p	30·15	-·06	38	37	+1	NW	1	c	3	c.o.s.p	*	41	35	0·02
France & Netherlands. Germany.	Cuxhaven ...	30·10	26	N	3	o	30·10	+·08	26	25	-1	N	2	bc	*	o	*	28	25	-
	Berlin	29·97	24	NW	5	s	29·90	+·06	22	20	0	NW	5	b	*	s	*	27	21	-
	Wiesbaden ...	*	*	*	*	*	30·13	+·07	24	?	-5	NNE	2	b	*	*	*	34	23	-
	Munich	29·94	20	SW	2	c	30·03	+·04	18	18	+1	W	5	o	*	c	*	28	16	0·12
	The Helder ...	30·13	35	N	3	bc	30·13	+·02	35	33	-2	S	0	c	0	bc	*	39	34	-
	Brussels	*	*	*	*	*	30·20	+·03	38	30	-1	SE	1	o	*	b	*	40	25	-
	C. Gris Nez ...	30·17	38	NE	5	c	30·14	-·04	37	36	-1	NNW	2	o	2	c	*	43	36	-
	Paris	30·17	38	N	2	c	30·21	-·01	32	31	+4	SSE	1	m	*	c	*	42	?	-
	Brest	30·33	41	N	2	o	30·26	-·08	41	40	+4	S	0	o	1	o	*	43	36	-
	Lorient	30·30	41	NNE	3	o	30·26	-·04	41	37	+7	NNE	3	o	2	o	*	43	34	-
	Rochefort	30·19	41	N	4	o	30·16	+·02	41	39	+8	ENE	3	o	*	b.o	*	43	33	-
	Belfort	30·07	28	SW	0	o	30·13	-·03	25	24	+4	W	1	s	*	o	*	33	21	-
	Lyons	30·15	30	N	3	b	30·23	+·12	28	26	+3	NNW	1	b	*	b	*	34	25	-
	Nice	29·76	36	E	1	bc	29·93	+·36	34	30	-10	SW	0	c	3	bc	*	46	32	-
	Perpignan	30·02	41	NW	4	b	30·13	+·22	38	31	-6	NW	4	b	*	b	*	48	35	0·04
	Biarritz	30·09	43	NE	4	b	30·17	+·19	36	32	-10	E	2	o	1	b	*	46	34	-
Span. Pen.	Corunna																*			
	Lisbon	30·08	50	NNW	4	b	30·13	+·09	49	45	+1	NNE	4	b	*	b	*	57	46	-
	Azores (P. Delgada)																*			

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

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

Bright Sunshine yesterday Southport 2·1 hrs.

WEATHER CHARTS

FOR Saturday, 3rd March, 1900.

BAROMETER, WIND AND SEA.

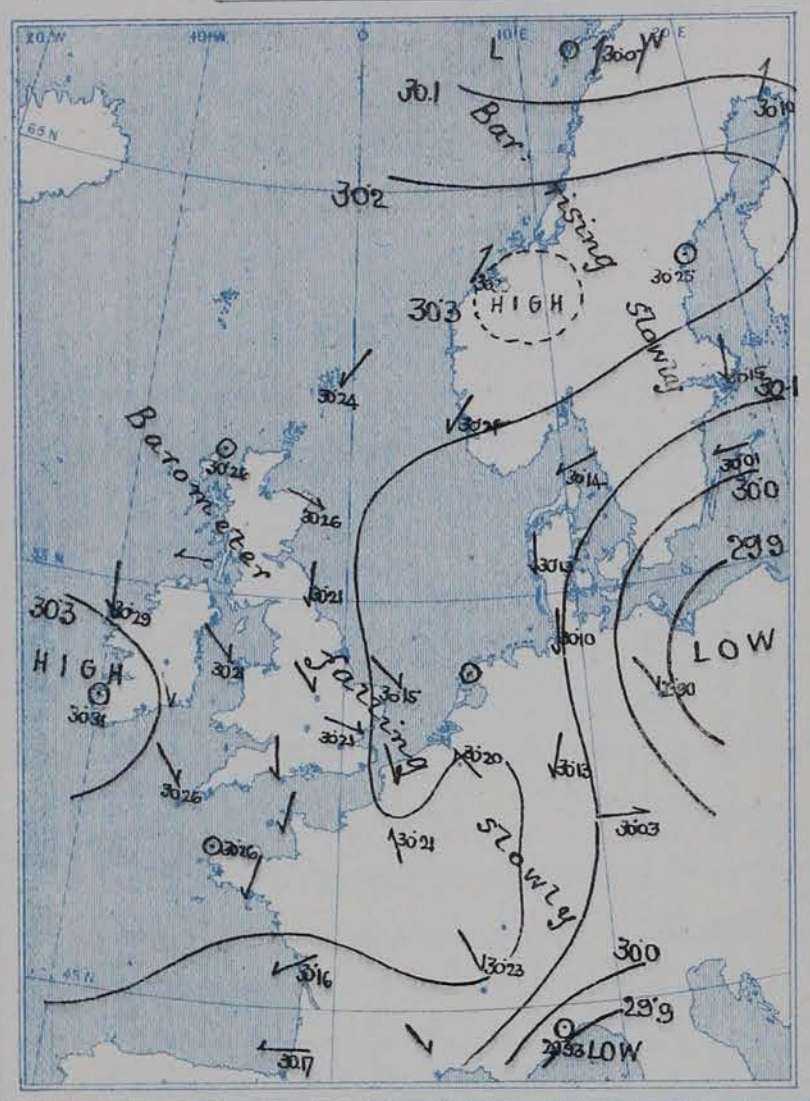
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▤ : *High* ▩

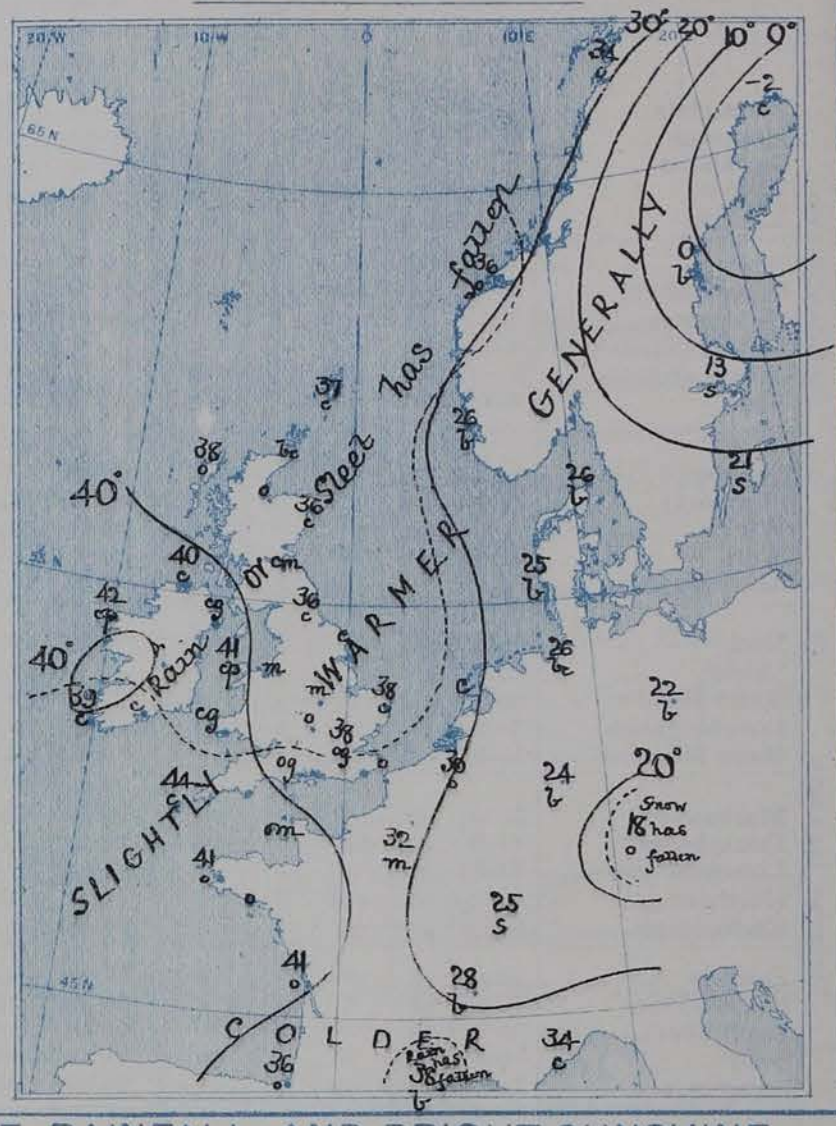


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

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

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, (1) 30·3 ins: and more over the west and south of Ireland, and 30·3 ins: to 30·2 ins: in a ridge stretching from Scotland across the centre of Norway.
Lowest, 30·0 ins: and less, both over the Riviera and North Germany. There appear to be some shallow local disturbances over the North Sea and Belgium.
Gradients slight. Distribution becoming very irregular.
Barometer falling over the greater part of our Islands, rising over Denmark and the south of Sweden, and beginning to rise in the north of Scotland.

TEMPERATURE

Highest, 44° at Scilly, 42° at Pembroke and Blackrod Point, and slightly above 40° at many stations both in the west of our Islands and west of France.
Lowest, (1) -2° F. at Haparanda, 0° (Zero) at Hernösands, 21° at Wisby. (2) 18° at Munich, 22° at Berlin, 38° to 36° on our northeastern and eastern coasts.

WIND

Light in force and very variable in direction from between N. and W.
To the eastward of the North Sea it is rather more fresh.

WEATHER

Cloudy or overcast very generally in our Islands and the north of France, with rain in places, and not at all settled.
It is clear on the eastern shores of the North Sea, but snow is falling in the Baltic.
The measurements of rain reported to day are almost all from the northern and northeastern districts and are slight.
Bright Sunshine 5 hrs: at Valencia, about 2 hrs on our southeast coast, hardly any elsewhere.

SEA

Smooth or nearly so on all our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure this morning though mainly favourable for N$^{\text{ly}}$ and NW$^{\text{ly}}$ winds, is not of a very regular type, and the changes in pressure do not point to anything definite – beyond changeable winds and some rain in many places.

FORECASTS

For the 24 hours ending at NOON on 4$^{\text{th}}$ MARCH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Varying W$^{\text{ly}}$ to N$^{\text{ly}}$ winds; some rain in most places, unsettled.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Varying W$^{\text{ly}}$ to N$^{\text{ly}}$ winds; some rain in most places, unsettled.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30 ·14	36	33	NNE	2	o	1
Sumburgh Head	30·27	39	38	N	2	c	2
Stornoway... ...	30·40	43	42	N	3	r	3
Aberdeen	30·32	41	39	N	4	cqrp	2
Shields	30·32	42	40	NNE	3	cp	4
Malin Head ...	30·45	42	41	N	3	bc	3
Blacksod Pt.. ...	30·54	44	42	N	2	bcp	2
Holyhead	30·38	41	38	NE	3	c	2
Valencia	30·53	44	39	N	3	c	4
Scilly	30·38	44	41	N	4	c	2
Jersey	30·32	42	38	N	3	o	3
Portland Bill ...	30·32	42	38	NNE	3	c	3
Dungeness ...	30·19	41	39	NE	4	o	3
London (Westminster)	30·24	42	39	NNW	3	o	*
Yarmouth ...	30·18	40	38	NNE	4	c	4
Rochefort ...	30·20	41	38	NE	4	b	*

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

Weather in morning cloudy over our Islands, with showers in several places, clear over the extreme north of Europe, central France, south Germany, and the greater part of the Mediterranean. Very unsettled over the north of Italy, north Germany, and the Baltic, with crater in many places – even at Florence. Some rain later in the north and northwest of the British Isles, and locally in some part of Scandinavia, in England, the south of France and South Germany.

Temperature fallen in most parts of Europe, especially over France and Finland. Morning readings highest (1) 58° to 50° over Algeria, Malta and Sicily; (2) 48° at Lisbon, 46° at Biarritz, 41° at Scilly and Blackrod Point, 40° at Sumburgh Hd, ~~(3) 41° at Prague, 40° at Cracow and at Vienna~~. Lowest (1) -21° F. at Archangel, -8° at Haparanda, +3° at Kuopio, 10° at Helsingfors; 14° at Riga, 21° at Libau-Windau; (2) 36° at Florence, 37° at Pesaro. Not touching 50° in our Islands lakes, nor touching 30° at most German stations; maximum at Nice only 46°.

Wind (1) E to N over northern Europe, and blowing strongly at the Baltic stations; N to W over Germany; (2) N over the British Islands and their neighbourhood – moderate in force; (3) a well formed cyclonic circulation of strong to moderate winds over the northeastern part of the Mediterranean, Italy, and the Adriatic. A SW air reported at Christiansund.

Barometer highest 30·5 in: and more in the west of Ireland, exceeding 30·2 in: all over our Islands and the north and west of France, and in a narrow ridge stretching eastwards across Scandinavia to Finland and the north of Russia. Lowest 29·6 in: and less in various depressions lying over the north of the Mediterranean, the Adriatic, and North Germany. Falling over the British Islands all day – the western anticyclone apparently giving way.

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 March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia.	Haparanda	29.83	6	SW	0	b	29.55	−.55	7	6	+ 9	SW	0	bc	4	b	4	18	−4	—
	Hernösand	30.06	22	SW	0	0	29.89	−.36	28	27	+ 28	SW	2	bc	4	0	4	28	−2	—
	Stockholm	30.23	13	SW	0	b	30.09	−.06	8	8	− 5	W	2	b	4	b	4	21	?	—
	Wisby	30.17	21	E	4	bc	30.04	+.03	23	22	+ 2	NE	4	bc	4	bc	4	25	16	—
	Karlstad	30.26	18	SW	0	0	30.12	−.07	9	8	− 6	SW	2	b	4	0	4	4	4	—
	Bodö	29.89	35	SW	6	0	29.84	−.23	36	35	+ 2	W	6	c	3	0	4	37	32	0.35
	Christiansund ...	30.28	37	SW	2	r	30.25	−.05	38	37	+ 2	WSW	4	r	5	r	4	38	34	—
	Skudesnaes ...	30.26	33	N	2	c	30.16	−.05	30	28	+ 4	N	2	b	4	c	4	37	26	4
	Færder (X'iania Fjord)	30.23	28	SSE	2	bc	30.13	−.05	28	27	+ 1	W	2	bc	1	bc	4	30	27	—
	The Scaw (Skagen)	30.24	24	ENE	1	bc	30.15	+.01	21	20	− 5	W	1	b	0	bc	4	27	19	—
	Fanö	30.18	26	NE	3	b	30.18	+.05	21	19	− 4	NE	2	b	4	b	4	34	19	—
British Islands.	Sumburgh Head ...	30.29	38	NNE	1	0	30.29	+.05	41	40	+ 4	NNE	1	0	3	0	4	43	35	0.01
	Stornoway	30.28	40	ESE	2	0	30.30	+.04	35	34	− 3	SW	2	0	0	0	2.3	45	29	—
	Wick	30.30	40	NW	3	c	30.30	+.05	38	37	+ 1	NW	2	0	1	c	4	44	34	0.02
	Nairn	30.29	39	SW	0	c	30.31	+.05	36	34	− 1	SW	0	c	1	c	4	41	32	—
	Aberdeen	30.28	39	NW	3	c	30.29	+.03	37	37	+ 1	NNW	2	cd	2	cg, c	2.8	42	34	0.01
	Leith	30.27	40	NNE	1	c	30.29	+.04	38	35	0	SW	0	bc	4	c	4	49	35	—
	Shields	30.24	39	NNE	2	cp	30.25	+.04	37	36	+ 1	NNE	2	c	3	c, cp	4	42	35	0.05
	Spurn Head ...	30.19	39	NNE	4	bc	30.16	−.03	37	35	− 1	ENE	4	c	2	bc, p	4	44	35	0.01
	Loughborough ...	30.21	40	N	1	0	30.22	.00	36	34	− 2	NE	2	om	4	o, c, om, s	4	43	35	0.01
	Malin Head ...	30.26	41	E	1	b	30.29	+.05	37	36	− 3	SW	1	b	1	bc, b	4	44	36	—
	Blacksod Pt. ...	30.27	43	NNE	2	bc	30.30	+.01	40	38	− 2	ESE	2	b	1	bc	4	45	37	—
	Donaghadee ...	30.27	42	N	2	bc	30.31	+.08	40	39	− 1	NNE	1	bc	2	bc	4	43	37	—
	Liverpool (Bidston)	30.25	41	SSE	1	0	30.25	+.02	37	36	− 1	ENE	2	c	2	0	4	43	36	—
	Holyhead	30.22	42	ENE	2	of	30.26	+.05	41	37	0	NE	2	bc	1	o, of	4	43	37	—
	Parsonstown ...	30.24	42	SE	1	0	30.30	+.04	28	28	− 12	NNW	1	b	4	0	0.0	44	27	—
	Valencia	30.25	46	WNW	1	c	30.28	−.03	34	33	− 5	SW	0	b	2	o, c	2.6	47	30	—
	Roche's Point ...	30.25	44	E	2	0	30.28	−.04	40	39	− 1	NNE	2	m	3	0	4	46	38	—
	Pembroke (St. Ann's Hd.)	30.23	41	NNE	2	c	30.22	−.02	40	38	− 2	NNE	4	cg	2	c	0.0	44	37	—
	Scilly	30.20	44	W	2	c	30.18	−.08	45	42	+ 1	N	3	c	1	c	0.3	46	40	—
	Jersey (St. Aubin's) ...	30.23	44	NW	2	0	30.14	−.12	43	38	+ 2	NE	4	cm	3	om	4	45	40	—
	Portland Bill ...	30.21	42	NNW	1	0	30.16	−.10	38	36	− 1	N	2	cm	1	o, om	4	43	35	—
	Dungeness	30.13	41	NNW	2	0	30.08	−.10	37	35	0	ENE	4	stp	2	0	4	43	33	—
	London (Brixton) ...	30.18	42	NNW	1	og	30.16	−.05	36	33	− 2	N	2	c	4	og, o	0.0	44	36	—
	Oxford	30.20	40	NNW	2	0	30.19	−.04	36	35	− 2	N	2	of	4	0	4	44	36	—
	Yarmouth	30.13	39	N	3	c	30.13	−.02	35	33	− 3	NE	4	cv	4	c	4	42	33	0.03
France & Netherlands. Germany.	Cuxhaven	30.01	30	NE	5	bc	30.11	+.01	26	25	0	N	2	c	4	bc	4	34	25	—
	Berlin	29.86	24	NNE	4	s	29.97	+.07	18	17	− 4	NW	3	s	4	s	4	27	14	0.04
	Wiesbaden	4	4	4	4	4	29.97	−.16	22	20	− 2	NE	4	b	4	4	4	34	21	—
	Munich	29.91	23	W	5	s	29.79	−.24	18	7	.0	NW	2	s	4	s	4	27	18	0.16
	The Helder ...	30.09	34	NNE	2	c	30.13	.00	29	27	− 6	ENE	1	b	0	c	4	39	28	—
	Brussels	4	4	4	4	4	30.11	−.09	25	23	− 5	NE	5	bc	4	0	4	40	24	—
	C. Gris Nez ...	30.10	40	N	2	c	30.08	−.06	32	31	− 5	E	3	0	3	c	4	43	30	0.04
	Paris	30.15	40	WNW	2	s	30.01	−.20	34	32	+ 2	N	3	0	4	s	4	41	32	—
	Brest	30.22	44	NW	1	0	30.16	−.10	40	39	− 1	NNE	1	0	1	0	4	46	39	0.04
	Lorient	30.22	43	NNE	1	0	30.09	−.17	42	40	+ 1	N	3	0	2	0	4	45	41	—
	Rochefort	30.16	45	NW	3	0	30.00	−.16	44	41	+ 3	NW	3	0	4	0	4	46	39	—
	Belfort	30.09	30	WSW	2	0	29.80	−.33	27	26	+ 2	W	3	0	4	0	4	34	25	0.12
	Lyons	30.19	31	NNE	1	b	29.96	−.27	30	29	+ 2	W	1	s	4	b, s	4	39	27	0.04
	Nice	29.88	39	SW	1	b	29.65	−.28	31	28	− 3	E	2	bc	2	b	4	48	30	—
	Perpignan	30.10	42	NW	3	b	30.00	−.13	42	35	+ 4	NW	3	0	4	b	4	46	31	—
	Biarritz	30.13	44	N	3	c	30.05	−.12	42	36	+ 6	SSE	3	0	1	c	4	48	36	—
Span. Pen.	Corunna																4			
	Lisbon	30.16	51	NW	4	b	30.19	+.06	49	44	0	NNE	3	b	4	b	4	57	45	—
	Azores (P. Delgada)	30.08	57	ENE	4	0	30.08	+.02	56	51	+ 2	ENE	4	c	6	0	4	61	54	—

For Explanation of Columns, see bottom of last page.

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

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

Bright Sunshine yesterday Southport 1·6 *hrs.*

WEATHER CHARTS

FOR Sunday, 4th March, 1900.

BAROMETER, WIND AND SEA.

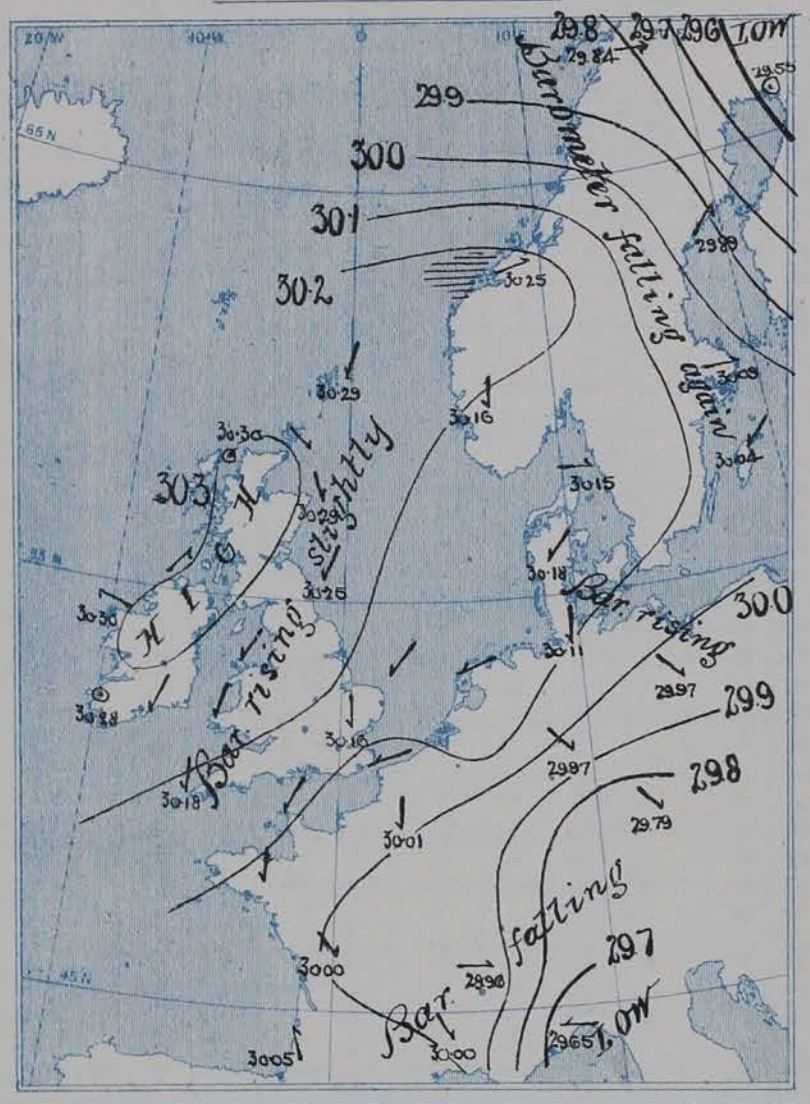
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

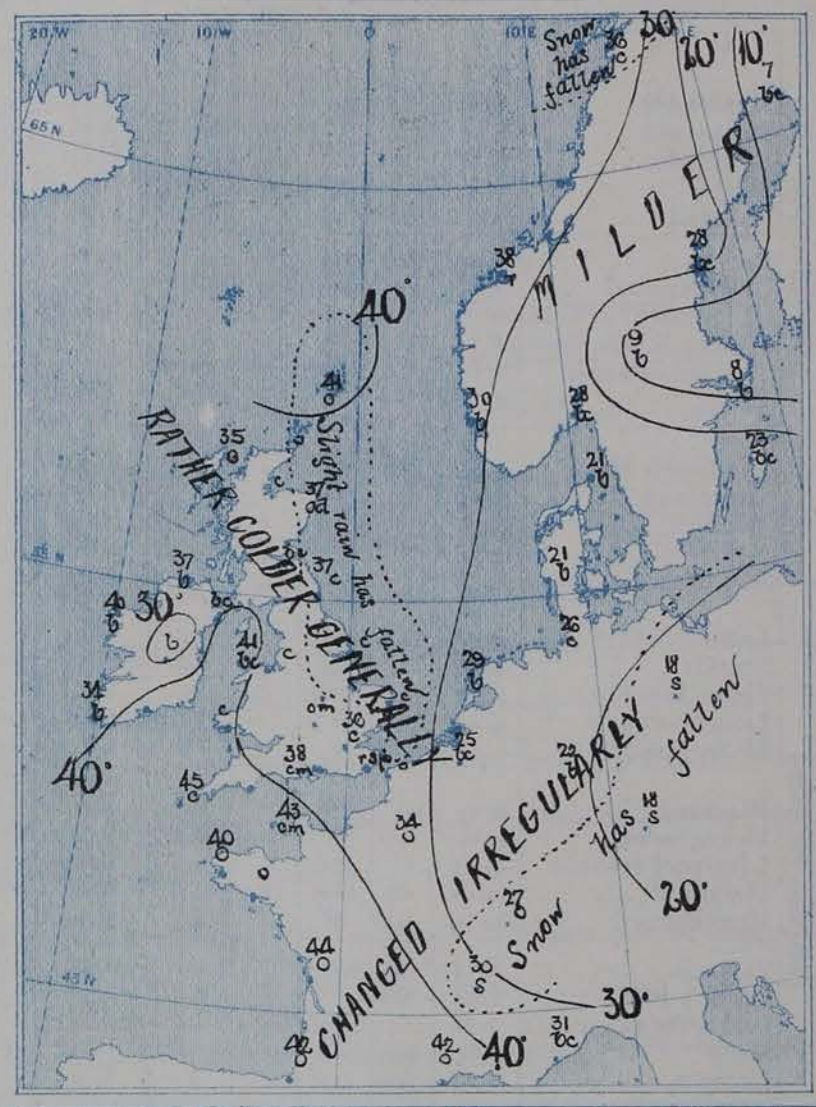


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871–95. (Inches.)	TEMPERATURE OF AIR. 1871–95. Means of Dry Bulb 8 a.m. °F	Means of Wet Bulb 8 a.m. °F	Means of Daily Maximum. °F	Means of Daily Minimum. °F	Absolute Extremes. Maximum. °F	Years.	Minimum. °F	Years.	RAINFALL Means, 1866—95. (Inches.)	BRIGHT SUNSHINE, Means, 1881—95. Hours.	Per cent. of possible.
Sumburgh Head	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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 more over the greater part of Scotland and exceeding 30·2 in: over all the eastern and northern districts and in Norway.
Lowest, (1) 29·55 in: at Haparanda, and below 30·0 in: over Lapland and all the northern part of Sweden; (2) 29·7 in: and less over Switzerland and the southeast of France.
Gradients slight in our Islands and their neighbourhood.
Barometer changing little in our Islands – falling part in Lapland and northern Europe, and also over South Germany, northern Italy, and the southeast of France.

TEMPERATURE

Highest, 49° at Lisbon, 44° at Rochefort, 45° at Sicily, 43° at Jersey, 41° at Holyhead and Lerwick Hd., 40° at Pembroke and Blackhead Pt.
Lowest, (1) 7° at Haparanda, 23° at Wisby, 18° at Berlin and Munich – 27° at Bedford, and 31° at Nice.
The maxima recorded yesterday were short of 45 over the northern and eastern parts of the Kingdom and nearly the whole of France.
Over many parts of Germany they were below 30°.

WIND

Light from NE. and N over our Islands, the Baltic, and N. to NW. over Germany; E. at Nice.
A W. wind has set in over Scandinavia and calms prevail in Scotland and Ireland.

WEATHER

(1) Cloudy but dry over the greater part of our Islands, but slight rains still lingered in some places.
(2) Dull weather and snow is reported in the south of France and south Germany; clear weather over the North Sea and in the south of Scandinavia, clouds in the northwest of Norway and rain at Christiansund.
Bright Sunshine recorded yesterday – about 2½ hrs at Stornoway, Aberdeen and Valencia, very little or none elsewhere.

SEA

Moderate in the east and southeast, smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 5TH MARCH 1900

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·29	37	33	N	4	b	2
Sumburgh Head	30·29	41	39	NNE	1	o	3
Stornoway... ...	30·27	44	43	E	2	c	2
Aberdeen	30·27	41	35	N	3	og	3
Shields	30·24	42	39	NNE	2	c	4
Malin Head ...	30·26	44	41	E	3	bc	2
Blacksod Pt.. ...	30·26	44	40	NNE	2	bc	2
Holyhead	30·21	43	41	ENE	1	o	1
Valencia	30·26	45	43	WNW	2	o	3
Scilly	30·22	45	42	W	2	c	1
Jersey	30·26	45	40	NE	2	o	2
Portland Bill ...	30·25	42	39	NNW	1	o	1
Dungeness ...	30·16	48	40	NNW	2	o	2
London (Westminster)	30·20	43	40	N	2	og	*
Yarmouth ...	30·14	41	39	NNE	3	c	3
Rochefort ...	30·16	44	41	NE	3	o	*

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

Weather in morning fine over the Mediterranean and some parts of northern Europe, fair, but dull over the British Islands, and rather rainy in a few places: unsettled but improving over the Baltic and central Europe, with snow in many localities. Not much snow later over Central Europe, and that only sporadically, and very little rain in our Islands. Sky clearing somewhat (locally) in the west.

Temperature decreasing over northern, central, and southern Europe and inclined to give way in Scotland, recovering a little over France. Morning readings highest (1) 58° to 54° over Algiers, Malta, and on the coast of Sicily; 48° at Sanjumaire and Palma, 49° at Lisbon, (2) 44° at Scilly, 41° at Brest Jersey, and Holyhead, 40° at Malin Head. Lowest −6° F. at Uleaborg and Kuopio, +9° at Riga, 26° at Moscow; 11° at Warsaw, 16° at Cracow, 18° at Breslau and Munich, 20° to 23° at many of the German and Austrian stations. Rising later to between 40° and 45° over our northern districts, to rather more in the southwest and in the northern half of France, but to only 34° at Lyons, and not touching even 20° in some parts of Germany.

Wind (1) NE. to N. over the southern parts of Scandinavia and Finland, N. in north Germany, W. to NW. over South Germany and Austria, N. over the Mediterranean; (3) N. to NW., very light to moderate, over the British Isles, and variable over France.

Barometer highest 30·3 ins. to 30·0 ins. over the British Islands, and in a ridge extending from Scotland over Scandinavia, and exceeding 30·2 ins. over Central Spain. Lowest 29·7 ins. and less over southeastern Europe, and below 30·0 ins. over the whole of Italy, southern Russia, Poland, and Eastern Germany. Continuing to fall over France and the southern half of our Islands during day, but rising in the north and over Scandinavia.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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" Weekly " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Monday, 5th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb	Wet Bulb	Change since Yesterday.	Wind. Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda	29.73	19	SW	0	b	29.87	+.36	14	14	+7	NW	2	?	•	b	•	39	3	–
	Hernösand	30.01	33	NW	2	b	30.04	+.15	25	24	–8	N	6	o	•	b	•	45	18	–
	Stockholm	29.93	23	SW	0	b	30.01	–.08	27	26	+19	NW	2	o	•	b	•	27	5	•
	Wisby	29.92	29	NNE	4	b	29.94	–.10	30	?	+7	NNE	6	b	•	b	•	30	18	–
	Karlstad	30.03	28	N	2	b	30.15	+.03	25	24	+16	NW	2	b	•	b	•	•	•	–
	Bodö	30.02	27	NNW	6	S	30.09	+.25	28	22	–11	NNW	6	c	3	S	•	36	23	•
	Christiansund ...	30.31	38	ENE	1	o	30.37	+.12	33	30	–5	E	3	o	•	o	•	39	33	0.08
	Skudesnaes ...	30.11	33	SW	0	b	30.13	–.03	34	34	+1	SSE	2	o	2	b	•	38	27	•
	Færder (X'iania Fjord)	30.06	33	NNW	1	b	30.17	+.04	32	29	+4	N	2	b	1	b	•	32	27	–
	The Scaw (Skagen)	30.02	31	N	1	b	30.14	–.01	34	33	+13	NE	2	c	o	b	•	34	28	–
	Fanö	30.06	28	N	2	b	30.09	–.09	26	25	+5	N	1	b	•	b	•	34	19	–
British Islands	Sumburgh Head ...	30.26	39	NNE	2	o	30.29	.00	38	36	–3	NE	3	c	4	c	•	42	36	–
	Stornoway	30.27	38	E	1	b	30.28	–.02	37	36	+2	E	1	o	1	b	2.2	43	30	–
	Wick	30.28	40	NW	3	o	30.30	.00	40	39	+2	NW	2	o	1	o	•	41	38	–
	Nairn	30.29	40	SW	0	o	30.31	.00	38	37	+2	SW	0	o	o	o	•	46	34	–
	Aberdeen	30.27	39	NW	3	o2q	30.30	+.01	38	37	+1	N	2	cq	2	oq2	0.0	41	36	0.01
	Leith	30.25	41	ENE	2	o	30.28	–.01	39	38	+1	NE	1	o	•	o	•	45	37	–
	Shields	30.19	40	N	2	r	30.22	–.03	39	39	+2	N	2	op	3	[illegible]	•	42	36	0.09
	Spurn Head ...	30.13	38	N	4	c	30.20	+.04	40	37	+3	ENE	3	c	2	cp	•	41	36	0.01
	Loughborough ...	30.18	40	N	2	o	30.21	–.01	38	36	+3	NE	2	ogm	•	bc c op	•	41	35	0.02
	Malin Head ...	30.25	41	NE	1	b	30.25	–.04	37	36	0	SSW	2	c	1	b	•	43	35	–
	Blacksod Pt. ...	30.25	42	SW	0	b	30.22	–.08	39	37	–1	SE	3	b	•	b	•	47	34	–
	Donaghadee ...	30.26	42	NNE	2	c	30.27	–.04	41	40	+1	E	3	o	2	c	•	44	37	–
	Liverpool (Brighton)	30.22	38	NNE	1	o	30.25	.00	39	37	+2	NE	1	o	?	om	•	41	37	–
	Holyhead	30.24	40	NE	2	c	30.23	–.03	41	38	0	SW	0	o	o	c	•	42	37	–
	Parsonstown ...	30.25	41	E	1	b	30.25	–.05	35	32	+7	SE	1	o	•	c.b	5.4	46	27	–
	Valencia	30.24	45	SW	0	c	30.19	–.09	43	38	+9	ESE	3	o q	3	c	3.5	46	33	0.01
	Roche's Point ...	30.27	43	ESE	3	c	30.26	–.02	40	37	0	E	2	om	3	c	•	47	35	–
	Pembroke (St. Ann's Hd.)	30.22	40	NE	3	bc	30.22	.00	40	36	0	ENE	2	cq	1	0.bc	0.4	44	36	–
	Scilly	30.14	44	NNE	4	orsp	30.24	+.06	44	38	–1	NNE	1	o	1	c.orsp	2.5	47	37	–
	Jersey (St. Aubin's) ...	30.11	41	NNE	3	oq	30.17	+.03	41	37	–2	NE	3	o	3	oq.rs	•	43	38	0.01
	Portland Bill ...	30.17	38	NE	2	c	30.20	+.04	38	36	0	NNE	2	om	2	c	•	42	34	–
	Dungeness	30.12	36	ENE	4	o	30.12	+.04	36	35	–1	NNE	3	c	2	b.o	•	37	34	–
	London (Brixton) ...	30.15	38	NNE	2	o	30.18	+.02	38	36	+2	NE	2	c	•	c.o	1.5	41	36	–
	Oxford	30.18	38	NNE	2	o	30.21	+.02	37	36	+1	NNE	2	o	•	o	•	42	36	–
	Yarmouth	30.12	36	NW	2	c	30.14	+.01	37	35	+2	NNE	3	cv	3	c.s.c	•	37	34	0.02
France & Netherlands. Germany.	Cuxhaven	30.02	30	NNE	4	o	30.04	–.07	32	31	+6	N	2	b	•	o	•	32	26	–
	Berlin	29.92	24	NW	4	S	29.94	–.03	30	29	+12	NW	2	o	•	S	•	30	14	0.04
	Wiesbaden	•	•	•	•	•	30.07	+.10	26	24	+4	NNE	1	S	•	•	•	32	22	–
	Munich	29.92	12	SW	0	b	29.97	+.18	3	3	–15	S	3	c	•	b	•	21	0	0.04
	The Helder ...	30.08	33	NNE	1	b	30.11	–.02	37	34	+8	NNE	1	c	1	b	•	37	28	–
	Brussels	•	•	•	•	•	30.15	+.04	30	27	+5	N	2	o	•	b	•	33	24	–
	C. Gris Nez ...	30.10	32	E	3	o	30.09	+.01	33	32	+1	W	1	o	1	o	•	37	32	–
	Paris	30.07	31	NNE	3	b	30.13	+.12	27	25	–7	NNE	2	bc	•	b	•	38	26	–
	Brest	30.11	41	NE	1	o	30.21	+.05	37	36	–3	NE	1	o	1	o	•	46	37	–
	Lorient	30.08	42	NNE	4	o	30.14	+.05	37	34	–5	NNE	2	o	2	o	•	45	34	–
	Rochefort	29.98	42	NNE	4	o	30.04	+.04	30	28	–14	NE	4	bc	•	o	•	45	27	–
	Belfort	29.96	20	ENE	6	m	30.06	+.26	15	14	–12	ENE	4	m	•	m	•	30	12	–
	Lyons	29.95	27	N	4	o	29.95	–.01	19	16	–11	N	3	b	•	o	•	37	18	0.08
	Nice	29.49	41	SW	0	b	29.65	.00	31	29	0	E	4	S	3	t l s h	•	49	31	0.24
	Perpignan	29.86	41	NW	3	b	29.85	–.15	31	27	–11	NW	3	bc	•	b	•	46	30	–
	Biarritz	29.95	46	WNW	4	o	30.00	–.05	32	32	–10	NE	4	c	3	o	•	46	30	0.16
Span. Pen.	Corunna																			
	Lisbon	30.07	48	NNW	4	b	30.04	–.15	46	42	–3	NNE	2	b	•	b	•	55	45	–
	Azores (P. Delgada)	30.08	55	ENE	5	bc	30.11	+.03	55	51	–1	NE	4	c	4	bc	•	61	52	–

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

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

Bright Sunshine yesterday Southport 1.0 *hrs.*

WEATHER CHARTS

FOR Monday, 5th March, 1900.

BAROMETER, WIND AND SEA.

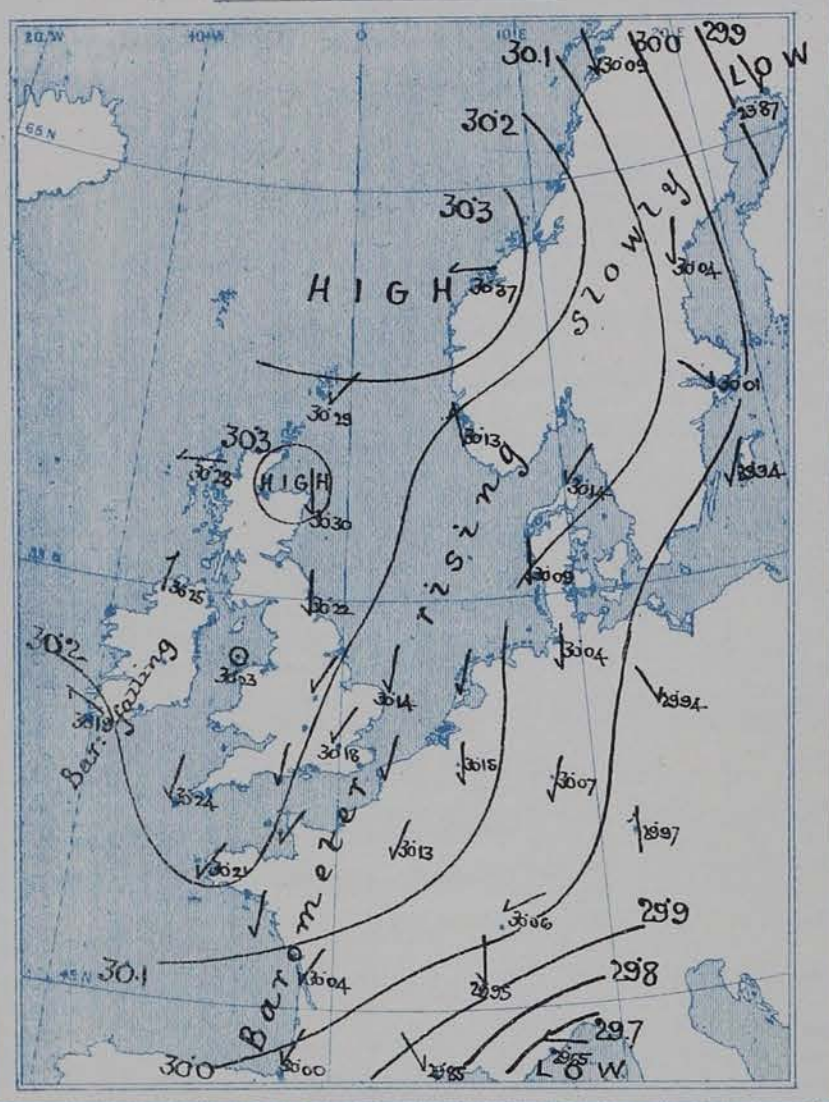
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

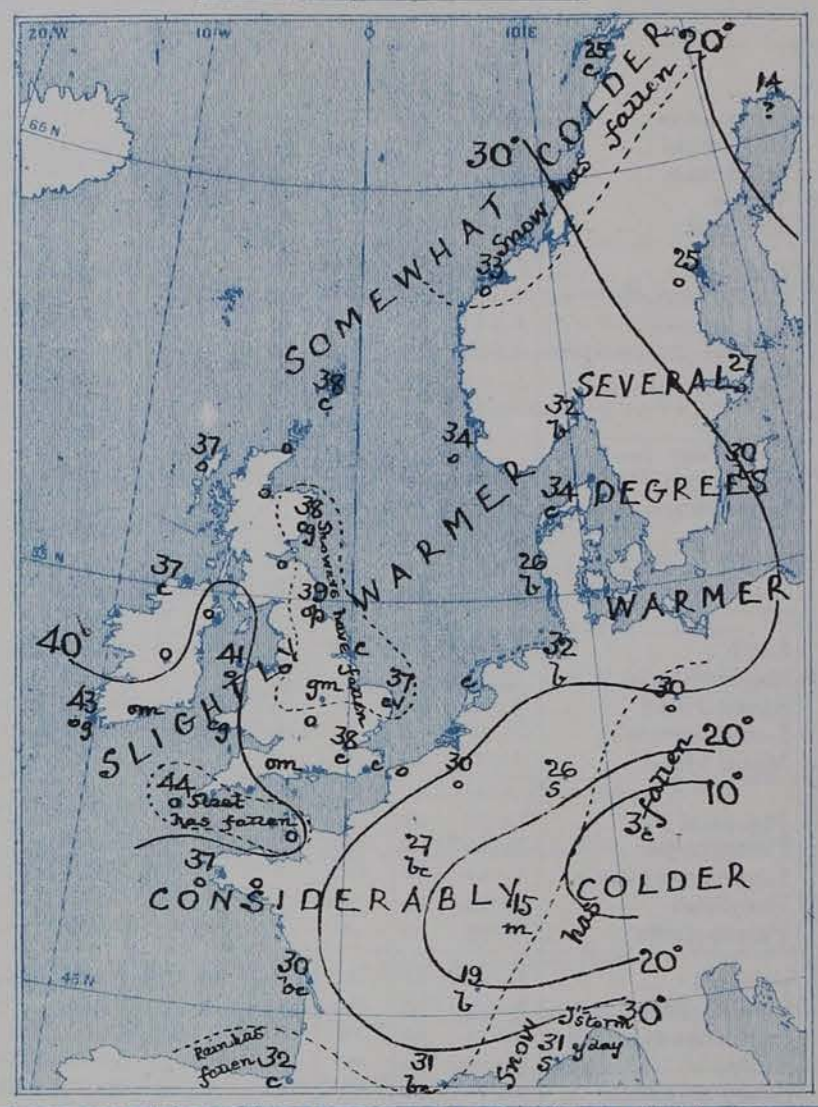


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

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

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 ins: and more to 30·2 ins: over our Islands and Norway.
Lowest, 29·7 ins: and less, in the south of France and below 30·0 ins over the Baltic.
Gradients slight.
Barometer rising except in the west and north.

TEMPERATURE

Highest, 44° at Scilly, 43° at Valencia, 41° at Holyhead.
Lowest, (1) 14° at Haparanda, 27° at Stockholm; (2) 37° to 39° at our eastern stations; (3) 3° at Munich, 15° at Belfort, 27° at Paris, 30° at Balmoral. Air very Keen.
The maxima recorded yesterday slightly exceeded 40° at our northern and eastern stations, but touched 46° at Parsonstown and at Valencia, 47° at Roche's Point and Scilly, 49° at Nice.

WIND

N. to NE. and light over the greater part of our Islands and their neighbourhood, but rather more E. in the west than in the east.
Very cold winds prevail over the Riviera.

WEATHER

Dry generally, but very cloudy, and slight cold showers have fallen locally at some stations
Bright Sunshine recorded yesterday amounted to 5·4 hrs: at Parsonstown, 5·2 hrs at Rhyl and Llandudno, 3 to 4 hrs on our south-east coast. Elsewhere it was very slight.

SEA

Slight or smooth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A continuation of cold winds is probable, with slight cold showers occasionally in some places.

FORECASTS

For the 24 hours ending at NOON on 6TH MARCH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NE. and N. winds, light to moderate; cold, fair generally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	E. winds, light; fine.
7	ENGLAND N.W.	
8	ENGLAND S.W.	NE. winds, light; fair, cold.
9	IRELAND NORTH	SE. and E. winds, light; fine.
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·14	38	35	N	3	b	1
Sumburgh Head	30·29	40	39	NNE	1	o	3
Stornoway... ...							
Aberdeen							
Shields							
Malin Head ...	30·29	43	41	NE	1	b	1
Blacksod Pt.. ...							
Holyhead	30·25	42	39	NE	2	c	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia							
Scilly	30·17	45	42	ENE	4	c	1
Jersey	30·13	42	38	N	3	o	3
Portland Bill ...							
Dungeness ...	30·23	36	32	ENE	4	b	4
London (Westminster)							*
Yarmouth ...	30·15	37	33	NNE	3	o	*
Rochefort ...	30·00	45	42	NNW	3	o	*

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

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER EUROPE FROM THE 25TH FEB: TO THE 3RD MARCH 1900.

The week commenced with high pressure both over southern and northern Europe, and a depression moving northeastwards towards the mouth of the English Channel, while a hollow extended northeastwards from north Germany over the Baltic. Rainy weather had become general except over the Shetlands and Scandinavia, but temperature in our neighbourhood did not differ much from the average value for the time of year. The depression which moved from the southwestward to the southeast of England became shallower, but more complex and filled up, but a definite depression formed over Germany and moved northeastwards to eastern Russia.

The weather over the British Islands became drier slowly, and temperature fell gradually, so that by the latter part of the week the maximum daily readings did not much exceed 45° in any part of our Islands, and there over northern, central, and southern Europe were much lower. On Wednesday and Thursday hard N'ly gales were prevalent over the Baltic

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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 6th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins
Scandinavia.	Haparanda	29.88	9	NNW	2	b	29.80	−.07	0	−2	−14	NNW	2	b	•	b	•	19	0	—
	Hernösand	30.04	20	2	0	b	29.94	−.10	12	12	−13	2	0	0	•	b	•	34	12	—
	Stockholm	30.09	23	NW	2	0	30.03	+.02	16	15	−11	W	2	0	•	0	•	30	16	—
	Wisby	30.08	29	N	8	bc	30.03	+.09	25	23	−5	NNW	4	b	•	bc	•	30	25	—
	Karlstad	30.21	26	NW	2	bc	30.06	−.09	24	22	−1	W	2	0	•	bc	•	•	•	—
	Bodö	30.08	26	N	6	c	29.89	−.20	28	25	+3	NW	4	s	2	c	•	28	23	—
	Christiansund ...	30.31	35	ENE	2	0	29.98	−.39	32	31	−1	W	8	s	6	0	•	37	30	0.04
	Skudesnaes ...	30.29	34	2	0	b	30.16	+.03	33	32	−1	NNW	2	0	1	f.b	•	40	28	•
	Færder (X'iania Fjord)	30.24	33	2	0	b	30.01	−.16	28	27	−4	SW	1	0	1	b	•	34	28	—
	The Scaw (Skagen)	30.27	32	2	0	b	30.08	−.06	30	28	−4	WSW	3	bc	0	b	•	34	25	—
	Fanö	30.28	30	NE	2	b	30.19	+.10	30	29	+4	SW	1	b	•	b	•	41	25	—
British Islands.	Sumburgh Head ...	30.32	36	NE	2	c	30.21	−.08	41	39	+3	W	1	0	4	c	•	41	33	—
	Stornoway	30.32	43	SE	2	0	30.33	+.05	39	38	+2	2	0	0	0	c,0	3.4	46	35	—
	Wick	30.33	40	NE	2	0	30.31	+.01	36	35	−4	NNW	2	0	1	0	•	42	35	0.01
	Nairn	30.33	40	2	0	0	30.32	+.01	36	35	−2	W	1	0	1	0	•	40	33	—
	Aberdeen	30.33	39	NNW	2	c	30.32	+.02	35	33	−3	NW	2	0g	3	0,c	0.0	42	34	—
	Leith	30.33	40	2	0	0	30.32	+.04	37	35	−2	W	2	m	•	0	•	41	35	—
	Shields	30.31	39	N	3	od	30.31	+.09	37	35	−2	NW	2	om	3	cp.od	•	42	36	—
	Spurn Head ...	30.25	38	N	3	c	30.28	+.08	39	36	−1	N	4	0	2	c,0	•	42	38	—
	Loughborough ...	30.28	40	NNW	1	0	30.33	+.12	37	35	−1	NNW	2	ogm	•	om.gm	•	41	36	—
	Malin Head ...	30.28	40	SSE	1	0g	30.33	+.08	39	37	+2	S	1	0g	1	0g	•	43	37	—
	Blacksod Pt. ...	30.23	42	SE	4	b	30.29	+.07	40	37	+1	ESE	3	bm	2	b	•	43	36	—
	Donaghadee ...	30.31	40	ESE	3	0g	30.35	+.08	40	39	−1	SE	1	0	2	0g	•	43	38	—
	Liverpool (Bidston)	30.31	40	ENE	1	0	30.34	+.09	37	36	−2	2	0	0	?	0	•	42	37	—
	Holyhead	30.30	41	NE	1	0	30.34	+.11	40	37	−1	N	1	ogm	0	0	•	43	37	—
	Parsonstown ...	30.28	42	SE	1	0	30.33	+.08	39	36	+4	SE	1	0	•	0	0.0	43	34	—
	Valencia	30.20	45	SE	4	c	30.22	+.03	45	41	+2	SE	5	bm	4	0,c	2.5	49	41	—
	Roche's Point ...	30.28	44	SSE	3	0	30.31	+.05	45	41	+5	SSE	5	b	4	0	•	45	40	—
	Pembroke (St. Ann's Hd.)	30.27	43	W	1	bc	30.33	+.11	40	38	0	E	1	0g	1	bc	0.1	44	38	—
	Scilly	30.25	44	ESE	3	c	30.30	+.06	45	41	+1	ESE	3	0	1	c	0.0	46	38	—
	Jersey (St. Aubin's) ...	30.25	44	NNE	3	c	30.32	+.15	42	39	+1	NNE	2	om	2	0,cg	•	44	40	—
	Portland Bill ...	30.27	41	E	1	c	30.33	+.13	38	35	0	N	1	om	2	bc,c	•	46	34	—
	Dungeness	30.22	40	NNE	2	0	30.28	+.16	37	36	+1	N	2	0	2	0.0	•	43	35	0.02
	London (Brixton) ...	30.27	40	N	2	0	30.31	+.13	38	35	0	NNE	2	0g	•	0g	0.3	40	37	—
	Oxford	30.32	38	NE	1	0	30.33	+.12	37	35	0	N	2	0	•	0	•	42	37	—
	Yarmouth	30.22	39	N	2	c	30.26	+.12	36	35	−1	NW	1	bm	2	c	•	40	34	0.01
Germany.	Cuxhaven	30.15	34	N	2	b	30.21	+.17	27	27	−5	SW	1	f	•	b	•	36	25	—
	Berlin	30.13	33	NE	2	0	30.26	+.32	27	26	−3	NE	1	c	•	0	•	37	25	—
	Wiesbaden	•	•	•	•	•	30.23	+.16	32	30	+6	NNE	1	0	•	•	•	34	26	—
	Munich	30.11	18	2	0	b	30.16	+.19	12	12	+9	E	3	b	•	b	•	21	3	—
France & Netherlands.	The Helder ...	30.19	38	NNE	1	0	30.23	+.12	37	36	0	N	1	0	0	0	•	39	36	—
	Brussels	•	•	•	•	•	30.29	+.14	35	32	+5	NNW	2	c	•	0	•	41	30	—
	C. Gris Nez ...	30.21	38	NE	3	0	30.24	+.15	38	36	+5	NNE	3	r	2	0	•	45	38	—
	Paris	30.21	34	NE	2	bc	30.26	+.13	34	31	+7	NNE	2	c	•	bc	•	37	27	—
	Brest	30.25	44	NE	2	c	30.27	+.06	39	37	+2	ESE	1	b	1	c	•	45	36	—
Span. Pen.	Lorient	30.22	43	?SW	4	0	30.31	+.17	39	36	+2	NE	3	c	2	0	•	50	36	—
	Rochefort	30.12	37	ENE	3	c	30.22	+.18	34	32	+4	NE	3	b	•	c	•	43	30	—
	Belfort	30.12	34	ENE	3	m	30.16	+.10	21	20	+6	E	2	m	•	m	•	29	15	—
	Lyons	30.08	28	N	1	b	30.21	+.26	22	21	+3	N	1	b	•	b	•	31	19	—
	Nice	29.78	38	NE	7	bc	29.86	+.21	36	29	+5	E	1	b	3	bc	•	43	31	0.39
	Perpignan	29.97	31	NW	4	0	30.09	+.24	32	27	+1	NW	4	b	•	0	•	34	31	—
	Biarritz	30.10	37	N	5	c	30.19	+.19	30	28	−2	SE	3	b	2	c	•	37	28	—
	Corunna																•			
	Lisbon	30.08	50	NNW	4	b	30.11	+.07	43	37	−3	NE	5	b	•	b	•	57	43	—
	Azores (P. Delgada)	30.21	53	NE	4	bc	30.22	+.11	52	49	−3	NE	4	c	3	bc	•	69	50	0.04

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

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

Bright Sunshine yesterday Southport 0·0 *hrs.*

WEATHER CHARTS

FOR Tuesday, 6th March, 1900.

BAROMETER, WIND AND SEA.

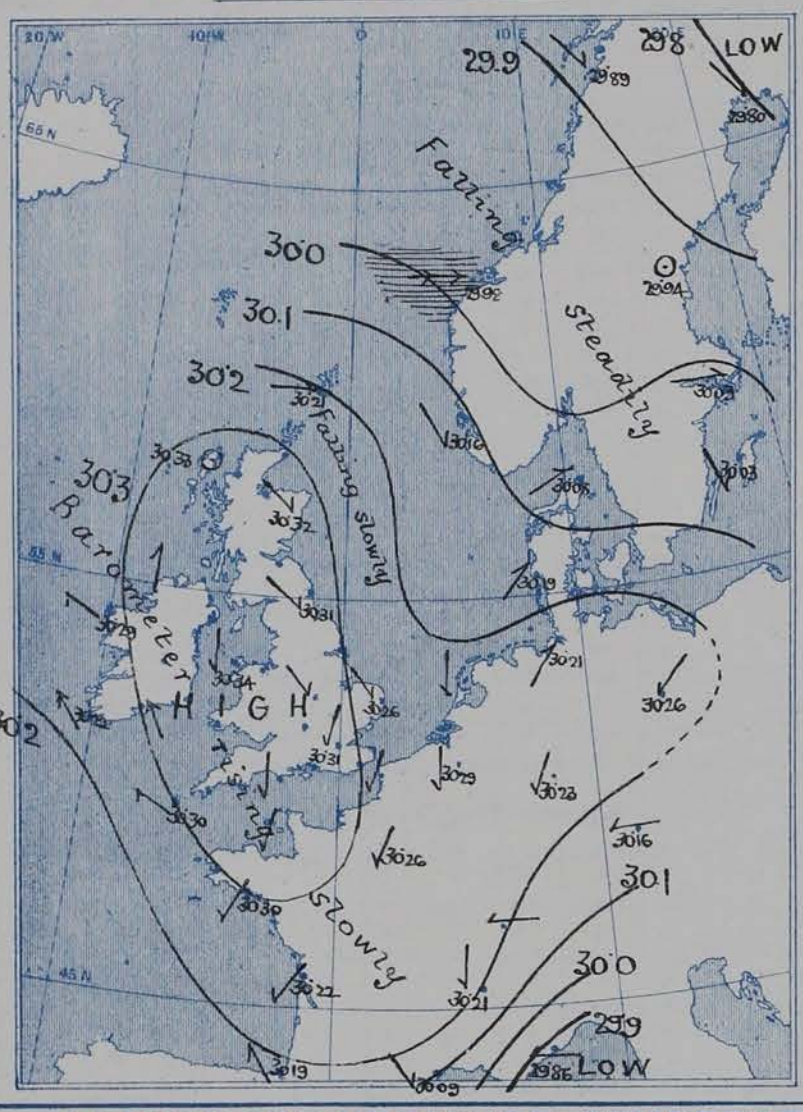
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

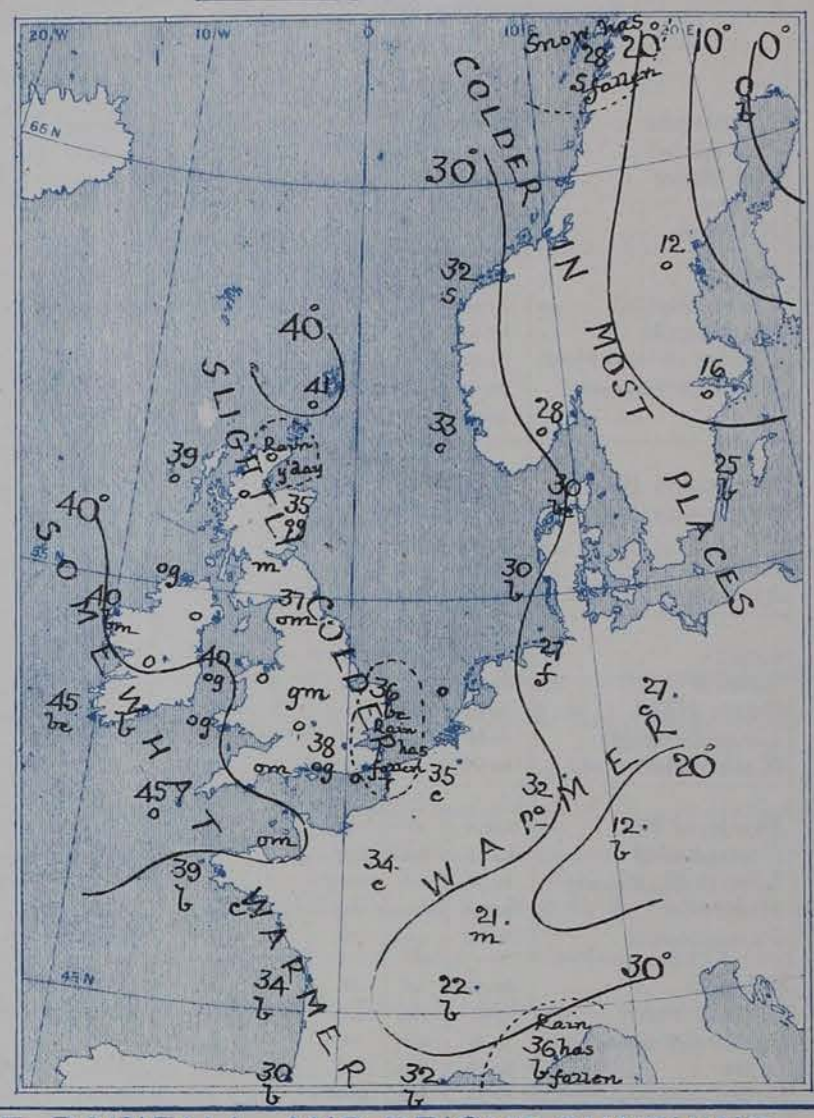


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	--	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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 nearly the whole of the United Kingdom; 30.2 ins. and upwards in an anticyclone covering the greater part of W^rn. and central Europe.
Lowest 29.8 ins. and less in Lapland, and also in a depression over the Gulf of Genoa.
Gradients slight. Barometer falling slightly on our own N.E. coasts, and more decidedly in Scandinavia and Denmark, but rising elsewhere.

TEMPERATURE

Highest (1) 45° at Valencia (Ireland), Rockes Pt. and Scilly, & 42° at Jersey; (2) 43° at Lisbon; (3) 41° at Flamborough Hd.
Lowest (1) 0 yero at Haparanda, 12° at Hernösand, and 16° at Stockholm; (2) 12° at Munich.
The maxima registered yesterday were below 45° on all but our SW. coasts and at Stornoway; in London and at Yarmouth the thermometer did not exceed 40°.

WIND

Light from the NW^rn. over the eastern and central parts of Gt. Britain, from the N^rn. or NE^rn. over the Netherlands, Germany and central France, and from the E^rn. or SE^rn. on our own western coasts
W^ly. or NW^ly. in Scandinavia, with a gale at Christiansund, light from the SW^rn. in Denmark

WEATHER

Cloudy or dull over NW^rn. Europe as a whole, with mist in many parts of Gt. Britain, and snow in the W. of Norway.
Fine in the W. and S. of Ireland, and also over Denmark and the S^rn. parts of France.
Slight showers fell yesterday at one or two of our N^rn. and E^rn. stations, but over the United Kingdom generally the weather remained dry.

SEA

Slight or smooth generally, but moderate off the S. of Ireland, & rough at Christiansund.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any very decided change in the weather. Depressions are, however, beginning to appear over Scandinavia and these may possibly occasion showers in some parts of our own N^rn. and E^rn. districts

FORECASTS

For the 24 hours ending at NOON on 7TH MARCH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW^ly winds, light; cloudy, some cold showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	N^ly to NW^ly winds, light; dull, misty or foggy in places.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Light variable airs, dull misty or foggy in places
7	ENGLAND N.W.	
8	ENGLAND S.W.	E^ly and SE^ly winds, moderate; fair generally.
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·27	40	38	SE	2	f	2
Sumburgh Head	30·32	40	38	NE	3	c	4
Stornoway... ...	30·28	46	43	SSW	2	c	2
Aberdeen	30·31	41	38	N	2	o	3
Shields	30·27	41	40	N	2	cap	3
Malin Head ...	30·28	48	40	SSE	2	og	1
Blacksod Pt.. ...	30·24	43	40	SE	4	b	4
Holyhead	30·28	43	40	ENE	1	o	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia	30·19	48	43	SSE	4	o	4
Scilly	30·25	45	39	ESE	3	o	1
Jersey	30·21	44	40	NNW	3	a	3
Portland Bill ...	30·23	45	41	E	1	bc	2
Dungeness ...	30·19	42	40	ENE	3	c	3
London (Westminster)	30·23	41	38	NE	2	og	*
Yarmouth ...	30·19	39	37	N	3	c	3
Rochefort ...	30·12	38	34	NE	3	bc	*

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

Weather in morning cloudy or dull over the United Kingdom and the adjacent parts of the Continent, with passing showers at Shields. Fine over Denmark and the Baltic, and also over the greater part of France and the Spanish Peninsula, but snow reported at Nice. Dull over N^rn and central Europe, with snow in several places; cloudy also at most of the Mediterranean and Adriatic stations, with rain at Lesina and Malta. No important change occurring later.

Temperature risen slightly in our Islands and considerably over the central parts of the Continent, fallen elsewhere. Morning readings highest 57° at Oran, and 52° at Algiers and Malta; above 45° at most of the Mediterranean and Spanish coast stations. Lowest (1) 3° at Munich, 15° at Belfort and 19° at Lyons (2) 3° at St. Petersburg, 12° at Ulleaborg, and 14° at Haparanda; below the freezing point over N^rn E^rn and central Europe generally. Daily maxima below 40° over Germany and central France, and below 45° in all but the extreme SW^rn parts of the United Kingdom.

Wind light to moderate from the N^wd or NE^wd over western and northern Europe generally, but E. 4 or SE. 4 in Ireland. NW. 3 over central Spain and also over Germany and Austria; SW. 3 or S. 3 in the south of Russia. Fresh from the E^wd or NE^wd over the northern parts of Italy and the Adriatic; light from the SE^wd over southern Italy. No important change occurring over western Europe during day.

Barometer highest 30.3 ins. and upwards in the N. of Scotland and the W. of Norway; 30.1 ins. and upwards in an anticyclone covering the whole of NW^rn Europe. Lowest 29.3 ins. and less in a depression over the extreme N. of Russia; 29.5 ins. and less in another disturbance over the SW. of that country; 29.6 ins. and less in a third system over the Gulf of Genoa, and the N^rn parts of Italy and the Adriatic. 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.

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„ Weekly „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 7th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min	Rainfall
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda	29.81	-1	NNW	2	b	29.84	+.04	7	?	+ 7	NNW	2	b	•	b	•	12	-2	-
	Hernösand	29.86	12	S	0	o	29.88	+.04	8	8	- 3	SW	0	b	•	o	•	28	5	o. o4
	Stockholm	29.87	21	NE	2	c	29.90	-.13	15	14	- 1	NE	2	S	•	c	•	27	14	o. 20
	Wisby	29.82	29	NNW	4	o	29.86	-.17	21	21	- 4	E	4	o	•	o	•	28	?	-
	Karlstad	29.89	18	NE	2	b	29.89	-.17	20	19	- 4	NNW	2	S	•	b	•	•	•	-
	Bodö	29.90	24	E	2	bc	29.93	+.04	17	14	- 11	E	4	c	1	bc	•	30	14	-
	Christiansund ...	29.95	36	NE	5	S	30.02	+.04	34	32	+ 2	W	2	o	4	S	•	37	30	o. o4
	Skudesnaes ...	30.06	35	NNW	4	o	30.06	-.10	35	34	+ 2	NNW	6	bc	2	o	•	37	28	•
	Færder (X'iania Fjord)	29.88	31	W	2	c	29.96	-.05	29	27	+ 1	NE	4	bc	2	c	•	30	25	-
	The Scaw (Skagen)	29.91	31	S	o	b	29.95	-.13	31	30	+ 1	N	2	b	o	b	•	34	27	-
	Fanö	30.02	33	NW	3	b	29.91	-.28	31	31	+ 1	NW	2	b	•	b	•	36	30	-
British Islands	Sumburgh Head ...	30.18	38	NNW	3	o	30.17	-.04	37	36	- 4	NE	1	bc	3	c.o	•	43	35	o. o4
	Stornoway	30.32	42	N	2	o	30.30	-.03	39	39	0	WNW	1	c	1	o	0.5	45	36	o. 03
	Wick	30.26	40	NW	3	bc	30.24	-.07	38	37	+ 2	NW	2	c	2	bc	•	45	34	o. 05
	Nairn	30.30	40	W	1	o	30.28	-.04	37	37	+ 1	SW	1	c	1	o	•	41	34	-
	Aberdeen	30.29	38	NW	2	c	30.27	-.05	40	38	+ 5	WNW	3	bc	2	o q. p	1.0	41	35	o. 01
	Leith	30.30	38	SW	0	b	30.30	-.02	31	?	- 6	WNW	1	bm	•	b	•	44	29	-
	Shields	30.31	38	N	2	o	30.27	-.04	38	36	+ 1	NW	2	om	3	om.p	•	40	35	-
	Spurn Head ...	30.25	39	NNW	4	o	30.22	-.06	39	37	0	NW	4	bc	2	o.bc	•	40	37	-
	Loughborough ...	30.32	38	NNW	2	o	30.31	-.02	35	33	- 2	W	1	om	•	gm.om	•	39	34	-
	Malin Head ...	30.35	41	NW	1	ogm	30.34	+.01	41	40	+ 2	NNE	2	og	1	ogm	•	41	39	-
	Blacksod Pt.	30.30	46	S	0	bc	30.34	+.05	40	38	0	SE	2	c	1	b.bc	•	49	35	-
	Donaghadee ...	30.34	42	N	2	og	30.32	-.03	41	40	+ 1	NNW	2	o	2	og	•	42	37	-
	Liverpool (Bidston)	30.34	38	N	2	o	30.33	-.01	38	35	+ 1	S	o	o	1	om	•	41	37	-
	Holyhead	30.32	41	NW	1	om	30.32	-.02	40	37	0	NW	1	ogm	o	om	•	41	37	-
	Parsonstown ...	30.33	43	NE	1	o	30.35	+.02	38	35	- 1	E	1	o	•	o	o.o	47	37	-
	Valencia	30.27	48	ESE	2	om	30.31	+.09	42	39	- 3	E	3	cm	3	cm.om	1.9	51	39	-
	Roche's Point ...	30.34	45	SSE	4	o	30.35	+.04	41	39	- 4	ESE	4	om	1	o	•	47	40	-
	Pembroke (St. Ann's Hd.)	30.33	42	NE	2	c	30.33	.00	39	36	- 1	E	2	cg	1	o	o.o	44	37	-
	Scilly	30.28	45	ENE	2	om	30.27	-.03	42	38	- 3	ENE	4	m	2	om	o.o	47	37	-
	Jersey (St. Aubin's) ...	30.30	42	NNE	3	om	30.30	-.02	40	38	- 2	ENE	3	om	3	om	•	42	39	-
	Portland Bill ...	30.31	40	NE	2	om	30.32	-.01	35	33	- 3	NE	1	om	1	om	•	42	33	-
	Dungeness	30.26	40	N	3	o	30.26	-.02	37	34	0	N	2	o	1	o	•	41	36	-
	London (Brixton) ...	30.30	37	NE	3	o	30.29	-.02	36	33	- 2	NW	1	og	•	og	o.o	40	35	-
	Oxford	30.34	37	N	2	o	30.32	-.01	35	33	- 2	N	1	o	•	o	•	39	33	-
	Yarmouth	30.24	40	NNW	3	c	30.21	-.05	37	36	+ 1	NW	3	cf	3	c	•	40	35	o. 02
Germany.	Cuxhaven	30.01	34	NW	4	o	29.99	-.22	35	34	+ 8	NW	3	o	•	o	•	36	27	-
	Berlin	30.00	33	W	3	o	29.95	-.31	31	29	+ 4	NW	4	c	•	o	•	37	27	-
	Wiesbaden	•	•	•	•	•	30.13	-.10	35	32	+ 3	NNW	2	bc	•	•	•	39	30	-
	Munich	30.13	21	SW	0	b	30.06	-.10	26	26	+ 14	W	5	S	•	b	•	28	12	o. o4
France & Netherlands.	The Helder ...	30.15	39	NW	2	c	30.11	-.12	39	37	+ 2	NNW	2	bc	1	c	•	39	37	-
	Brussels	•	•	•	•	•	30.23	-.06	35	35	0	WSW	1	c	•	r	•	44	33	o o4
	C. Gris Nez ...	30.24	39	NE	2	o	30.22	-.02	37	?	- 1	N	3	o	3	o	•	43	36	o o4
	Paris	30.27	36	N	2	o	30.25	-.01	36	34	+ 2	NW	2	o	•	o	•	39	34	-
	Brest	30.30	41	SSE	1	o	30.26	-.01	41	39	+ 2	SE	1	o	1	o	•	45	37	-
	Lorient	30.27	42	NE	3	o	30.26	-.05	40	36	+ 1	ENE	3	o	2	o	•	45	36	-
	Rochefort	30.22	39	ENE	3	o	30.20	-.02	35	32	+ 1	ENE	3	o	•	o	•	41	32	-
	Belfort	30.18	28	E	1	m	30.21	+.05	21	20	0	WSW	2	m	•	m	•	34	19	-
	Lyons	30.21	33	N	1	o	30.24	+.03	28	26	+ 6	NNW	1	b	•	o	•	39	22	-
	Nice	29.91	47	SW	1	b	29.93	+.07	39	31	+ 3	E	2	b	1	b	•	54	36	-
	Perpignan	30.08	40	NW	3	b	30.13	+.04	37	33	+ 5	NW	2	b	•	b	•	45	32	-
	Biarritz	30.19	39	S	o	bc	30.14	-.05	36	32	+ 5	E	2	o	1	bc	•	43	30	-
Span. Pen.	Corunna																•			
	Lisbon	30.09	49	NNE	4	b	30.16	+.05	44	37	+ 1	NNE	2	b	•	b	•	55	41	-
	Azores (P. Delgada)	30.25	52	NNE	4	o	30.25	+.03	52	47	0	NNW	3	o	2	o	•	59	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 0.4 *hrs.*

WEATHER CHARTS

FOR Wednesday, 7th March, 1900.

BAROMETER, WIND AND SEA.

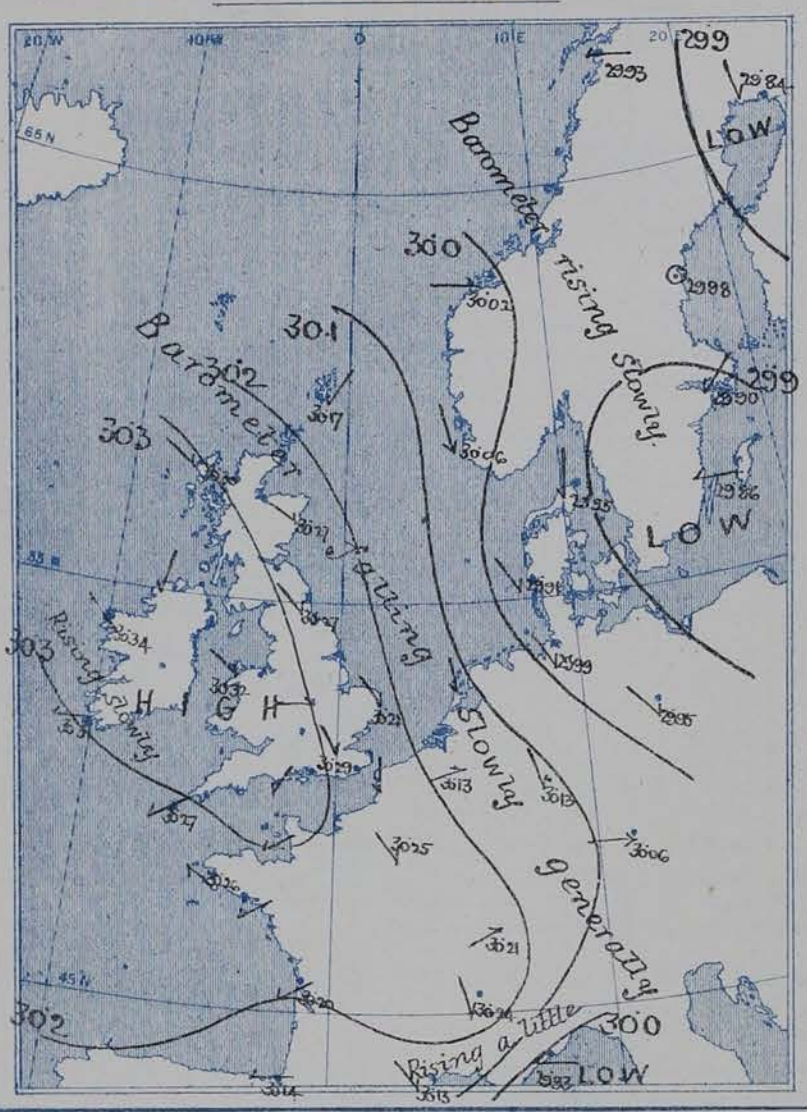
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

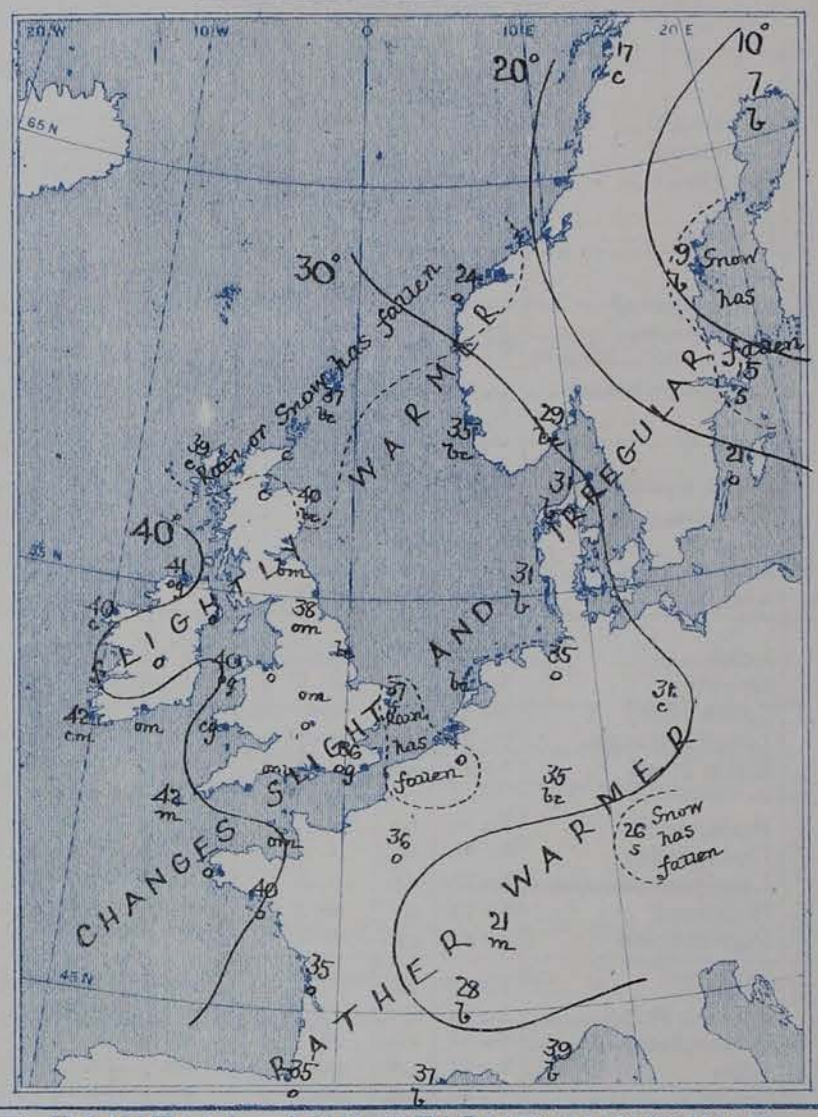


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871–95. (Inches.)	TEMPERATURE OF AIR. 1871–95. Means of Dry Bulb 8 a.m.	Means of Wet Bulb 8 a.m.	Means of Daily Maximum.	Means of Daily Minimum.	Absolute Extremes. Maximum.	Years.	Minimum.	Years.	RAINFALL Means, 1866—95. (Inches.)	BRIGHT SUNSHINE, Means, 1881—95. Hours.	Per cent. of possible.
		°	°	°	°	°		°				
Sumburgh Head	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64*	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	--	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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 all but the eastern parts of the United Kingdom; 30·1 ins: and upwards in an anticyclone lying over nearly the whole of Western Europe.
Lowest, 29·9 ins: and less in the north of Sweden, and also in a shallow depression over the Baltic and the south of Sweden.
Gradients slight. Barometer rising on our own extreme western coasts and also in Scandinavia and the south of France, falling elsewhere.

TEMPERATURE

Highest, 42° at Valencia (Ireland) and Scilly, and 41° at Malin Head, Donaghadee, Rockabill and Brest.
Lowest, 7° at Haparanda, 9° at Hernösand, 15° at Stockholm, and 17° at Bodö; lowest in our Islands 31° at Leith.
The maxima registered yesterday were below 45° in many parts of Great Britain; at Loughborough and Oxford the thermometer did not exceed 39.

WIND

Light to moderate from the NW.ᵈ in the northern and eastern parts of our Islands, and also over Denmark, Germany, and the south of Norway.
Light to moderate from the E.ᵈ or NE.ᵈ over the southwest of our Islands and the west of France.

WEATHER

Fine on many parts of our own north and east coasts and also in the south of France and at several of the Scandinavian stations.
Dull elsewhere, and misty on our western and southern coasts; snow is falling at Stockholm and Karlstad and also at Munich
Slight rain fell yesterday on some parts of our north and east coasts, but over our Islands generally the weather remained dry.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in pressure are too slight to serve as an indication of any decided change in the weather. Local showers are still probable on our north and east coasts, but upon the whole the weather over Great Britain seems likely to become somewhat brighter than of late.

FORECASTS

For the 24 hours ending at NOON on 8ᵀᴴ MARCH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW.ᵈ Winds, light; fair generally, but slight showers locally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	N.ᵈ and NW.ᵈ Winds, light; weather becoming brighter, but slight local showers still probable.
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Variable or N.ᵈ airs; cloudy, misty.
7	ENGLAND N.W.	
8	ENGLAND S.W.	E.ᵈ Winds, light or moderate; cloudy, misty.
9	IRELAND NORTH	Same as Nos 6 and 7.
10	IRELAND SOUTH	Same as No 8.
	WARNINGS	NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.		WEA.	SEA.
		Dry.	Wet.	Direc.	Force.		
Skudesnaes ...	30·16	37	36	NNW	8	c	2
Sumburgh Head	30·18	42	40	NNW	3	c	4
Stornoway... ...	30·33	45	44	S	0	0	0
Aberdeen	30·31	40	36	NW	3	cg	3
Shields	30·31	39	36	WNW	2	om	3
Malin Head ...	30·36	41	38	SW	1	o	1
Blacksod Pt.. .	30·30	49	44	SE	2	b	2
Holyhead	30·35	41	38	N	1	0	1

	BAR.	THER.		WIND.		WEA.	SEA.
		Dry.	Wet.	Direc.	Force.		
Valencia	30·25	50	45	ESE	3	cm	4
Scilly	30·30	46	42	ENE	3	o	1
Jersey	30·33	42	38	N	3	o	3
Portland Bill ...	30·32	41	38	N	2	om	2
Dungeness ...	30·27	40	37	NNE	3	o	2
London (Westminster)	30·30	39	37	N	3	og	*
Yarmouth ...	30·24	40	37	NW	3	c	3
Rochefort ...	30·23	39	37	NE	3	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.

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, 8th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min.	Rainfall
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda	29.77	4	W	2	b	29.65	-.19	2	1	- 5	S	2	o	*	b	*	14	-17	-
	Hernösand	29.95	3	SW	0	b	29.88	-.10	3	3	- 6	SW	0	fog	*	b	*	28	1	-
	Stockholm	30.08	13	SW	0	b	30.01	+.11	19	18	+ 4	SW	2		*	b	*	21	10	-
	Wisby	30.06	13	E	4	b	30.09	+.13	23	23	+ 2	W	6	s	*	b	*	23	10	-
	Karlstad	30.06	19	NNW	2	c	29.99	+.10	23	22	+ 3	SW	2	o	*	c	*	*	*	-
	Bodö	29.77	21	ENE	4	s	29.61	-.32	35	32	+ 18	SW	6	o	3	s	*	21	14	-
	Christiansund ...	29.87	37	W	6	r	29.95	-.04	35	33	+ 1	W	6	s	5	r	*	?	34	0.04
	Skudesnaes ...	30.11	35	NNW	4	c	30.13	+.07	37	36	+ 2	NNW	4	c	2	bc	*	39	32	*
	Færder (X'iania Fjord)	30.02	30	SW	4	o	29.98	+.02	28	27	- 1	W	4	b	2	o	*	32	27	-
	The Scaw (Skagen)	30.09	31	WSW	1	c	30.04	+.09	28	27	- 3	WSW	2	bc	o	c	*	34	27	-
	Fanö	30.10	30	SW	o	b	30.13	+.22	34	33	+ 3	W	2	b	*	b	*	41	30	-
British Islands	Sumburgh Head ...	30.13	40	NNW	1	c	30.14	-.03	40	40	+ 3	N	1	o	3	bc.c	*	43	35	0.02
	Stornoway	30.25	42	WNW	1	o	30.22	-.08	40	39	+ 1	W	2	o	2	b,o	6.2	48	36	0.01
	Wick	30.20	40	NW	2	bc	30.20	-.04	38	37	0	NW	2	bc	1	bc	*	45	33	-
	Nairn	30.23	43	W	1	o	30.23	-.05	39	38	+ 2	SW	1	c	1	c	*	46	36	0.01
	Aberdeen	30.24	42	NNW	2	c	30.25	-.02	39	37	- 1	W	2	c	1	c.p	2.0	44	34	0.01
	Leith	30.25	41	W	1	o	30.25	-.05	39	37	+ 8	NW	1	om	*	o	*	49	30	-
	Shields	30.20	40	SW	0	om	30.24	-.03	38	37	0	W	2	om	3	om	*	42	36	-
	Spurn Head ...	30.25	40	NW	4	c	30.25	+.03	39	37	0	NNW	2	c	1	c	*	43	36	-
	Loughborough ...	30.29	41	N	1	o	30.29	-.02	36	34	+ 1	W	1	om	*	c.om.gm	*	42	35	-
	Malin Head ...	30.30	42	N	1	c	30.25	-.09	40	40	- 1	SW	0	cp	1	cp	*	45	40	0.05
	Blacksod Pt. ...	30.30	42	NE	3	c	30.25	-.09	39	36	- 1	ESE	3	c	2	c	*	43	36	-
	Donaghadee ...	30.29	42	NNW	1	b	30.26	-.06	40	39	- 1	W	2	om	2	b	*	43	37	-
	Liverpool (Bidston)	30.30	39	SW	0	o	30.30	-.03	36	34	- 2	SW	0	o	?	om	*	41	36	-
	Holyhead	30.27	41	NW	1	o mp	30.27	-.05	38	35	- 2	SW	1	fog	1	o.mp	*	41	35	-
	Parsonstown ...	30.30	39	E	1	o	30.24	-.11	37	35	- 1	SE	1	o	*	b	0.1	41	36	-
	Valencia	30.24	45	ESE	1	om	30.17	-.04	39	37	- 3	ENE	3	om	3	c.om	1.7	48	37	-
	Roche's Point ...	30.29	41	SE	4	ogm	30.23	-.12	42	39	+ 1	ESE	4	mw	3	ogm	*	43	40	-
	Pembroke (St. Ann's Hd.)	30.30	38	ESE	2	b	30.25	-.08	38	36	- 1	ESE	3	og	2	d	0.0	39	36	-
	Scilly	30.21	43	ENE	4	m	?30.16	-.11	44	40	+ 2	E	4	m	0	m	0.0	46	38	-
	Jersey (St. Aubin's) ...	30.27	42	ENE	2	of	30.23	-.07	40	37	0	ESE	3	om	3	om.f	*	42	38	-
	Portland Bill ...	30.30	38	ENE	1	om	30.24	-.08	39	37	+ 4	ENE	2	om	2	om	*	39	34	-
	Dungeness	30.24	42	NNE	2	o	30.26	.00	39	37	+ 2	NE	2	b	1	o	*	44	35	-
	London (Brixton) ...	30.28	41	NNW	1	o q	30.27	-.02	38	36	+ 2	NE	1	o q	*	og	0.0	42	35	-
	Oxford	30.30	40	NE	1	o	30.29	-.03	37	35	+ 2	NNE	1	o	*	o	*	40	35	-
	Yarmouth	30.22	40	NW	3	c	30.24	+.03	37	36	0	NNW	2	cf	3	c	*	43	35	0.02
France & Netherlands. Germany.	Cuxhaven	30.11	34	NW	1	b	30.16	+.17	34	33	- 1	N	1	c	*	b	*	37	30	-
	Berlin	30.02	34	WNW	3	b	30.21	+.26	28	27	- 3	SE	2	c	*	b	*	39	27	-
	Wiesbaden	*	*	*	*	*	30.23	+.10	36	34	+ 1	WNW	2	c	*	*	*	43	38	-
	Munich	30.15	28	W	5	b	30.23	+.17	29	28	+ 3	W	4	o	*	b	*	32	25	0.04
	The Helder ...	30.16	38	N	1	c	30.22	+.11	37	36	- 2	N	1	bc	o	c	*	41	36	-
	Brussels	*	*	*	*	*	30.27	+.04	35	35	0	ENE	1	fog	*	o	*	44	33	0.04
	C. Gris Nez ...	30.22	41	N	1	o	30.22	.00	38	37	+ 1	E	1	o	1	o	*	45	36	-
	Paris	30.22	40	NNE	2	c	30.23	-.02	36	35	0	NE	1	m	*	c	*	42	36	-
	Brest	30.23	41	SE	1	o	30.16	-.10	39	37	- 2	E	2	o	1	o	*	43	36	-
	Lorient	30.24	39	E	1	o	30.16	-.10	38	35	- 2	ESE	4	o	2	o	*	43	36	-
	Rochefort	30.16	41	ENE	3	bc	30.10	-.10	34	32	- 1	NE	3	b	*	bc	*	48	32	-
	Belfort	30.23	33	NW	1	m	30.27	+.06	25	24	+ 4	ENE	4	m	*	m	*	36	21	-
	Lyons	30.25	33	N	1	o	30.22	-.02	29	?	+ 1	NW	1	b	*	o	*	39	27	?
	Nice	29.89	46	SW	0	b	30.08	+.15	39	36	0	E	1	b	2	b	*	55	37	-
	Perpignan	30.04	49	SW	2	b	30.12	-.01	31	28	- 6	W	2	b	*	b	*	55	29	-
	Biarritz	30.10	45	NNE	4	b	30.06	-.08	39	35	+ 4	ESE	2	b	1	b	*	48	35	-
Span. Pen.	Corunna																*			
	Lisbon	30.19	50	NNW	4	b	30.23	+.07	51	47	+ 7	SW	0	b	*	b	*	59	44	-
	Azores (P. Delgada)	30.28	54	SE	1	o	30.26	+.01	51	48	- 1	NNE	3	c	2	o	*	61	48	0.08

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

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

Bright Sunshine yesterday Southport 0.0 hrs.

WEATHER CHARTS

FOR Thursday, 8th March, 1900.

BAROMETER, WIND AND SEA.

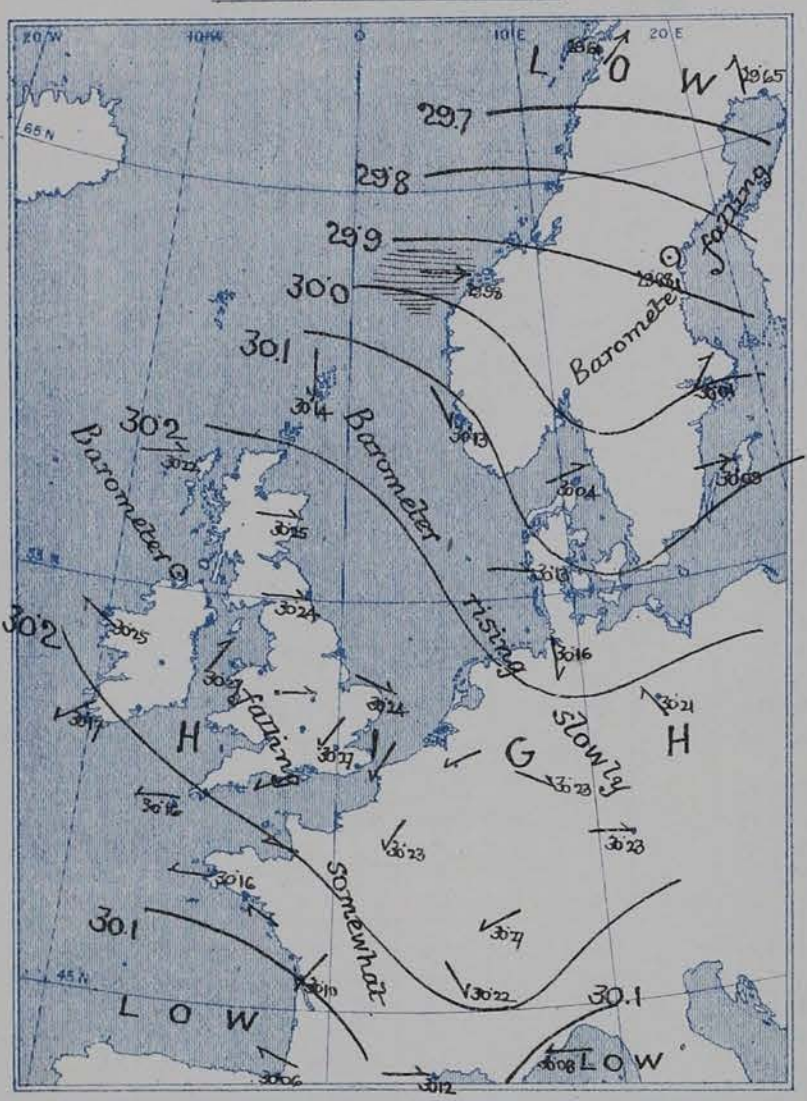
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

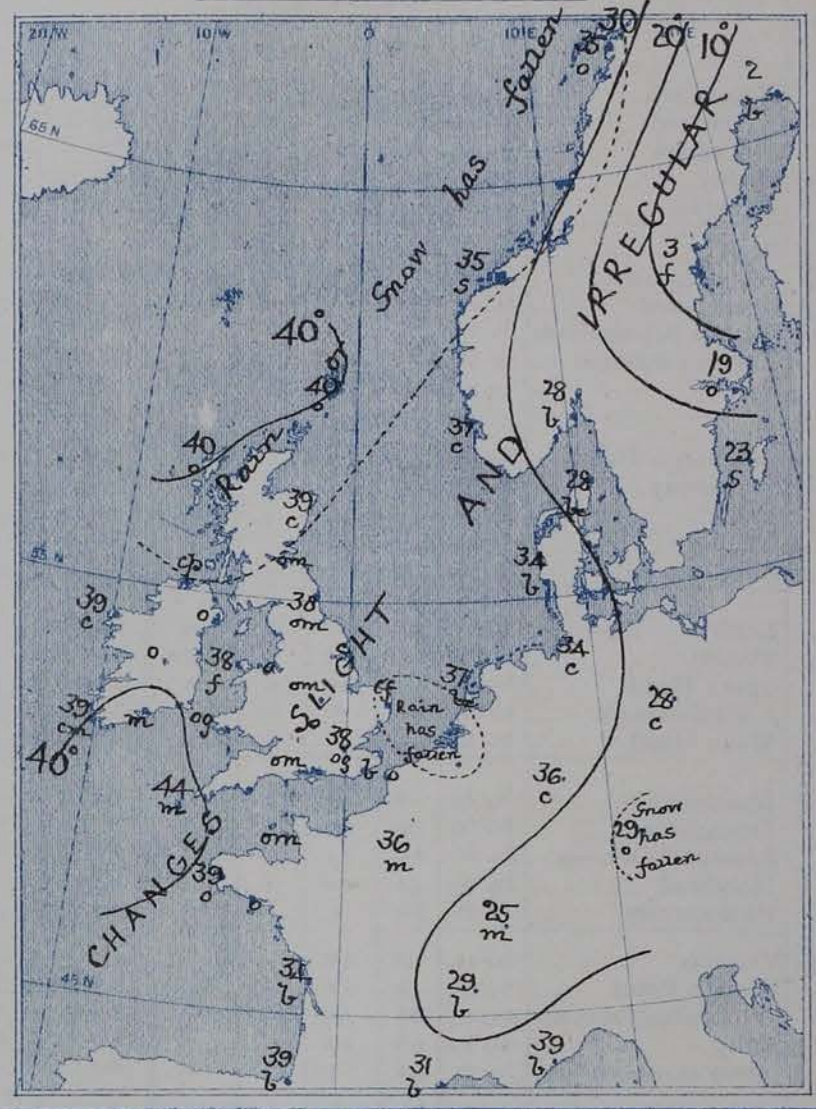


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871–95. (Inches.)	TEMPERATURE OF AIR. 1871–95. Means of Dry Bulb 8 a.m.	Means of Wet Bulb 8 a.m.	Means of Daily Maximum.	Means of Daily Minimum.	Absolute Extremes. Maximum.	Years.	Minimum.	Years.	RAINFALL Means, 1866—95. (Inches.)	BRIGHT SUNSHINE, Means, 1881—95. Hours.	Per cent. of possible.
		°	°	°	°	°		°				
Sumburgh Head	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1880	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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: at Liverpool; 30·1 in: and upwards in an anticyclone covering the whole of western and central Europe
Lowest, 29·7 in: and less, over the northern parts of Scandinavia.
Gradients slight. Barometer falling a little in our Islands and the west of France, and more decidedly in the north of Scandinavia, rising elsewhere.

TEMPERATURE — Highest, 51° at Lisbon, 44° at Scilly, 42° at Rockle Point, and 40° at Lumbugh Hd, Stornoway, Malin Head, and Jersey.
Lowest, 2° at Haparanda, 3° at Hernösand, and 19° at Stockholm; lowest in our Islands 37° at Loughborough and Liverpool.
The maxima registered yesterday were below 45° in many parts of the United Kingdom; at Stornoway and Valencia (Ireland), however, the thermometer rose to 48° and at Leith to 49°.

WIND — Light from the W.ward or NW.ward in the north and east of our Islands and also on the eastern shores of the North Sea; strong from the W.ward or SW.ward in the west of Norway.
E. or NE. over France and the south of England; SE. in the west and south of Ireland. Variable in Germany.

WEATHER — Cloudy or dull over northwestern Europe as a whole, with mist or fog in several places; snow is falling at Christiansund and Wisby.
Fine in Denmark and also over the southern part of France.
Slight showers were again experienced yesterday in many parts of our north and east coast, but in other parts of the Kingdom the weather remained dry.

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

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any important change in the weather. Over our Islands the anticyclone seems inclined to break up slowly, but the general distribution of pressure is scarcely likely to undergo any material alteration within the ensuing twenty-four hours.

FORECASTS

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

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	W. and NW. winds, light; fair generally but slight showers locally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Variable or NE. airs; cloudy, some mist or fog.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Light Variable airs; cloudy, some mist or fog.
7	ENGLAND N.W.	E. and SE. winds, moderate, cloudy, misty.
8	ENGLAND S.W.	Same as Nos 6 and 7.
9	IRELAND NORTH	Same as No 8
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·10	39	37	NNW	4	b	2
Sumburgh Head	30·15	40	40	WNW	1	bc	3
Stornoway... ...	30·27	46	43	WNW	3	bc	3
Aberdeen	30·26	44	39	NW	3	c	2
Shields	30·29	41	38	N	2	o	3
Malin Head ...	30·33	43	41	N	1	c	1
Blacksod Pt.. ...	30·34	43	38	NE	1	C	1
Holyhead	30·32	41	40	W	1	o	1
Valencia	30·28	47	41	ESE	2	omv	3
Scilly	30·25	44	41	ENE	4	m	2
Jersey	30·31	42	39	E	3	c	3
Portland Bill ...	30·33	39	36	NE	1	om	1
Dungeness ...	30·25	43	38	NNE	1	o	1
London (Westminster)	30·29	42	38	NW	2	oq	*
Yarmouth ...	30·21	43	40	NW	3	cf	3
Rochefort ...	30·24	45	39	E	3	bc	*

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

Continental Information not received.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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„ Weekly „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Friday, 9th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max	Min.	
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia.	Haparanda	29.75	6	NE	2	c	29.86	+.21	7	6	+5	2	0	c	•	c	•	7	6	–
	Hernösand	29.83	36	W	2	b	29.91	+.03	36	33	+33	2	0	bc	•	b	•	36	24	–
	Stockholm	29.99	30	W	2	o	30.08	+.07	27	25	+8	W	2	b	•	o	•	30	10	–
	Wisby	30.05	32	W	4	b	30.12	+.03	31	31	+8	NW	4	bc	•	b	•	32	12	0.04
	Karlstad	30.06	30	S	2	b	30.15	+.16	15	14	−8	2	0	b	•	b	•	•	•	–
	Bodö	29.66	36	W	4	o	29.68	+.07	40	40	+5	SW	5	o	8	o	•	40	32	0.16
	Christiansund ...	30.07	38	W	1	o	30.04	+.06	41	36	+6	WSW	1	c	6	o	•	41	35	0.04
	Skudesnaes ...	30.20	36	NNW	4	bc	30.22	+.09	35	35	−2	2	0	o	1	c.bc	•	43	32	•
	Færder (X'iania Fjord)	30.08	31	WSW	2	c	30.16	+.18	27	27	−1	NNE	1	f	0	c	•	34	24	–
	The Scaw (Skagen)	30.12	33	2	0	m	30.19	+.15	31	30	+3	SW	1	m	0	m	•	36	28	–
	Fanö	30.24	37	WNW	4	c	30.28	+.15	37	35	+3	W	3	c	•	c	•	39	32	–
British Islands.	Sumburgh Head ...	30.15	43	W	1	o	30.11	−.03	42	41	+2	WSW	3	o	3	bc.o	•	47	39	0.01
	Stornoway	30.20	43	WSW	2	c	30.16	−.06	42	39	+2	WSW	3	o	3	bc.c	0.7	47	37	–
	Wick	30.21	42	NW	2	c	30.18	−.02	41	38	+3	S	3	c	1	c	•	48	32	–
	Nairn	30.21	43	2	0	c	30.20	−.03	39	36	0	2	0	c	1	c	•	46	36	–
	Aberdeen	30.24	42	SW	1	o.q	30.24	−.01	39	35	0	SW	2	o	1	cq.oq	1.4	45	37	–
	Leith	30.25	42	2	0	o	30.26	+.01	37	35	−2	2	0	m	•	o	•	43	35	–
	Shields	30.25	41	WNW	1	m	30.25	+.01	38	37	0	2	0	f	2	om	•	42	36	–
	Spurn Head ...	30.23	40	NNE	2	c	30.27	+.02	40	38	+1	2	0	c	1	c	•	44	38	–
	Loughborough ...	30.26	41	NE	1	o	30.27	−.02	37	35	+1	ESE	1	cm	•	o.om	•	42	35	–
	Malin Head ...	30.23	42	E	1	bcp	30.22	−.03	39	37	−1	SSW	2	om	1	b.bcp	•	43	37	–
	Blacksod Pt. ...	30.22	42	ESE	2	cq	30.22	−.03	40	36	+1	ESE	3	o	2	cq	•	42	36	–
	Donaghadee ...	30.26	40	SW	1	m	30.25	−.01	41	38	+1	SE	2	o.q.m	2	m	•	42	36	–
	Liverpool (Bidston)	30.26	38	E	1	o	30.26	−.04	38	36	+2	SSE	1	o	?	o	•	40	36	–
	Holyhead	30.24	39	2	0	f	30.20	−.07	39	35	+1	E	1	om	1	f	•	40	35	?
	Parsonstown ...	30.21	40	SE	1	o	30.22	−.02	36	34	−1	NW	1	o	•	o	0.0	42	35	–
	Valencia	30.15	44	E	2	om	30.18	+.01	42	38	+3	ENE	2	o.q.m	3	cm.om	3.3	49	39	–
	Roche's Point ...	30.20	40	ESE	5	m	30.19	−.04	40	37	−2	ESE	5	om	4	m	•	43	39	–
	Pembroke (St. Ann's Hd.)	30.21	40	SE	4	o	30.20	−.05	39	36	+1	ENE	4	o.q	3	o	0.0	40	36	–
	Scilly	30.07	42	E	5	o	30.03	−.13	44	41	0	ENE	5	o.m	2	o.q.m	0.0	45	37	–
	Jersey (St. Aubin's) ...	30.14	43	ENE	4	o.q.m	30.12	−.11	40	38	0	ENE	3	o.m	3	o.q.m	•	45	37	–
	Portland Bill ...	30.20	40	ESE	3	o	30.18	−.06	41	39	+2	E	4	o.m	4	o	•	41	36	0.01
	Dungeness	30.21	41	E	4	o	30.20	−.06	40	38	+1	E	3	c	3	b.o	•	44	38	–
	London (Brixton) ...	30.23	40	E	2	o	30.24	−.03	39	37	+1	E	2	c	•	o.op	0.0	45	37	–
	Oxford	30.25	39	ENE	2	o	30.24	−.05	36	35	−1	ENE	2	o	•	o	•	40	36	–
	Yarmouth	30.22	41	NE	3	bc	30.25	+.01	39	37	+2	ENE	3	c	3	bc	•	42	36	–
France & Netherlands. Germany.	Cuxhaven	30.26	36	N	1	o	30.32	+.16	34	34	0	2	0	o	•	o	•	37	32	–
	Berlin	30.29	32	W	2	b	30.35	+.14	35	33	+7	SW	1	c	•	b	•	37	28	–
	Wiesbaden	•	•	•	•	•	30.31	+.08	34	31	−2	NE	3	b	•	•	•	43	32	–
	Munich	30.27	25	NNE	4	b	30.32	+.09	18	18	−11	SE	3	b	•	b	•	34	14	–
	The Helder ...	30.25	37	2	0	bc	30.28	+.06	39	35	+2	2	0	o	0	bc	•	45	37	–
	Brussels	•	•	•	•	•	30.28	+.01	34	31	−3	E	2	bc	•	b	•	42	28	–
	C. Gris Nez ...	30.21	39	E	1	o	30.18	−.04	33	32	−5	SE	2	o	2	o	•	45	32	–
	Paris	30.19	40	ENE	2	bc	30.20	−.03	30	30	−6	E	1	m	•	bc	•	46	30	–
	Brest	30.12	41	ESE	1	bc	29.94	−.22	41	40	+2	E	3	o	3	bc	•	45	36	–
	Lorient	30.09	40	ESE	3	c	29.99	−.17	44	44	+6	SE	4	r	2	c	•	46	36	0.04
	Rochefort	30.06	42	W	2	b	30.06	−.04	39	37	+5	SSE	3	o	•	b	•	48	34	–
	Belfort	30.16	36	ENE	4	m	30.26	−.01	30	28	+5	ENE	1	m	•	m	•	44	25	–
	Lyons	30.18	38	E	1	bc	30.29	+.07	33	32	+4	SSE	1	bcm	•	bc	•	46	29	0.12
	Nice	30.15	46	2	0	bc	30.17	+.09	40	37	+1	E	2	bc	2	bc	•	54	37	–
	Perpignan	30.13	44	2	0	b	30.25	+.13	38	37	+7	SW	2	o	•	b	•	53	31	–
	Biarritz	30.06	48	2	0	b	30.05	−.01	51	42	+12	SE	3	b	1	b	•	52	39	?
Span. Pen.	Corunna																•			
	Lisbon	30.20	52	NNW	4	o	30.17	−.06	49	47	−2	NNE	1	c	•	o	•	57	48	–
	Azores (P. Delgada)	30.20	54	NNE	3	o	30.11	−.15	51	48	0	NNE	3	b	3	o	•	64	48	–

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

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

Bright Sunshine yesterday Southport 0.0 hrs.

WEATHER CHARTS

FOR Friday, 9th March, 1900.

BAROMETER, WIND AND SEA.

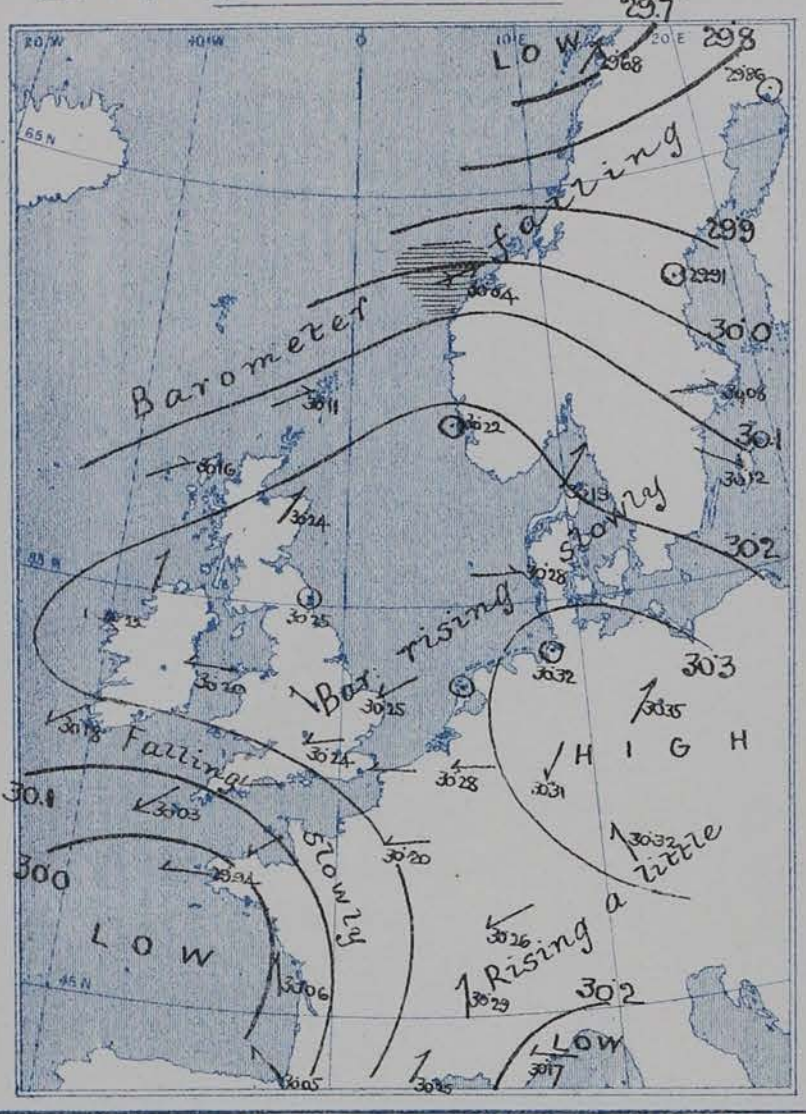
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

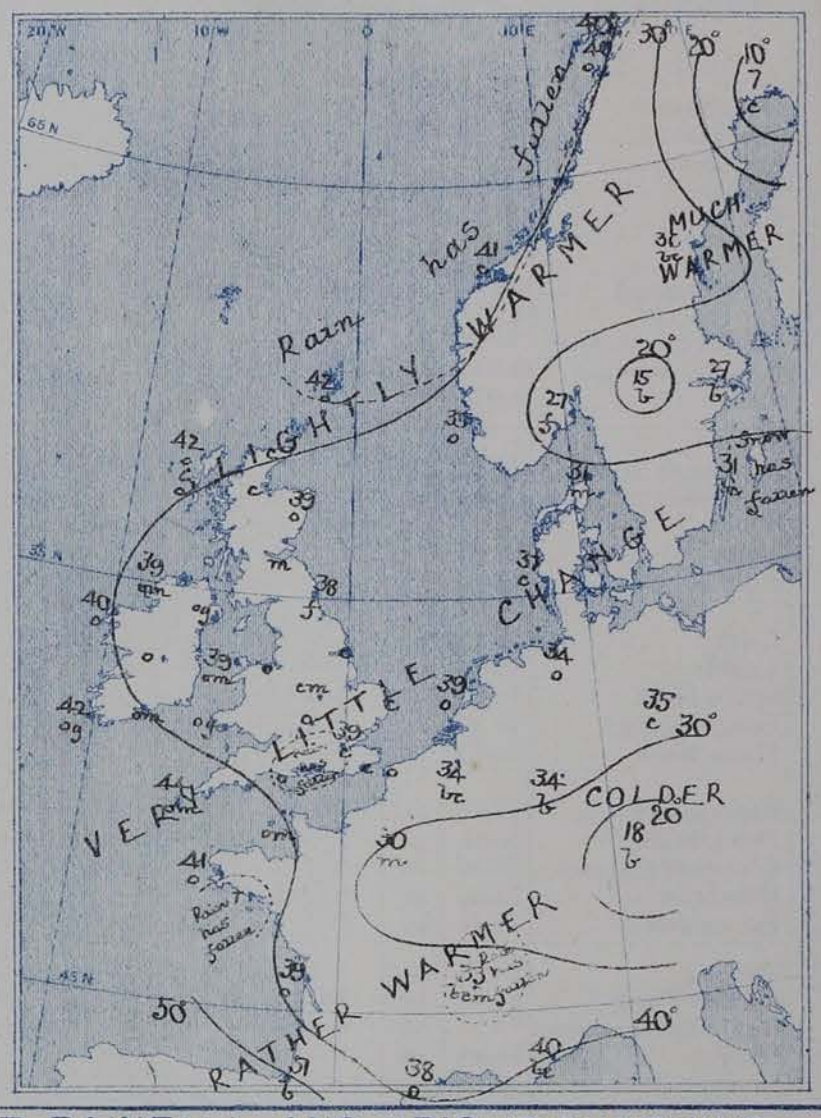


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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 Germany; 30·2 in: in an anticyclone extending from Central Europe over the North Sea, and the greater part of the United Kingdom.
Lowest, 29·7 in: and less in a depression off the northern part of the Norwegian coasts; 30·0 in: and less in another disturbance over the Bay of Biscay.
Gradients slight generally, but moderate over our southwest coasts and also over the northwest of Norway.
Barometer falling on our extreme northern and southern coasts and also in the west of France, rising elsewhere.

TEMPERATURE

Highest, (1) 51° at Biarritz, 44° at Scilly and Lorient, and 42° at Valencia (Ireland); (2) 42° at Lumburgh Head and Stornoway.
Lowest, (1) 7° at Haparanda and 15° at Karlstad; (2) 8° at Munich; lowest in our Islands 36° at Oxford and Parsonstown.
The maxima registered yesterday were below 45° in all the more central parts of the United Kingdom, at Nairn, however, the thermometer rose to 48°, and at Valencia (Ireland) to 49°.

WIND

Light from the SE^{ly} or Sth over the southern parts of France; light to fresh from the Est over the north of France and our own southern coasts.
Calm in the northeast of Great Britain; light from the SW^{ly} in the north of Scotland, and strong from the same quarter in the west of Norway. Calm or W^{ly} over Sweden and the south of Norway.

WEATHER

Cloudy or dull over Western Europe generally, with mist at several of our own southern stations and rain at Lorient.
Fine in Sweden and the southern parts of France and Germany.
Slight showers fell yesterday at some of our southern and extreme northern stations, but over the United Kingdom generally the weather remained dry.

SEA

Slight or smooth generally, but rough at Christiansund.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A shallow depression which lay yesterday morning over the southwest of France and the northeast of Spain has become rather deeper and has moved northwards over the Bay of Biscay. The system is of no great importance, but it may possibly occasion slight rain in some parts of our southern districts.

FORECASTS

For the 24 hours ending at NOON on 10th MARCH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Light breezes, chiefly SW^{ly}; fair generally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Calms or Variable airs; fair generally, but some mist or fog.
3	ENGLAND EAST	E^{ly} winds, light or moderate; fair generally.
4	MIDLAND COUNTIES	E^{ly} winds, moderate; cloudy, misty, slight rain locally.
5	ENGLAND SOUTH	

DISTRICTS.		FORECASTS.
6	SCOTLAND WEST	Same as No 2
7	ENGLAND N.W.	E^{ly} winds, light; dull, misty.
8	ENGLAND S.W.	E^{ly} winds, fresh; dull, misty, some rain
9	IRELAND NORTH	Same as No 7
10	IRELAND SOUTH	Same as No 8.
	WARNINGS	NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·22	42	41	NW	4	c	2
Sumburgh Head	30·16	46	44	W	1	bc	3
Stornoway... ...	30·22	47	42	WSW	2	c	2
Aberdeen	30·24	43	41	WNW	1	cq	1
Shields	30·26	42	39	SW	2	cm	3
Malin Head ...	30·24	43	42	W	0	b	0
Blacksod Pt.. ...	30·23	42	38	SE	3	c	2
Holyhead	30·26	40	36	SE	1	f	0

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia	30·11	48	42	ESE	1	cw	3
Scilly	30·08	43	40	E	5	c	2
Jersey	30·18	45	40	E	3	c	3
Portland Bill ...	30·21	40	37	ESE	3	c	3
Dungeness ...	30·22	43	40	E	4	b	2
London (Westminster)	30·25	43	39	ENE	2	cq	*
Yarmouth ...	30·22	42	40	NNE	2	bc	3
Rochefort ...	30·09	46	45	SE	1	b	*

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

Continental Information not received.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 10th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall
		At 32° and M.S.L.	Dry Bulb	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max	Min.	
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda	29.56	25	SW	0	0	29.42	-.44	32	30	+ 25	W	6	b	•	0	•	32	-2	–
	Hernösand	29.88	40	NW	2	0	29.86	-.05	41	36	+ 5	NW	2	bc	•	0	•	46	21	–
	Stockholm	30.10	32	SW	0	b	30.06	-.02	30	28	+ 3	W	4	bc	•	b	•	43	23	–
	Wisby	30.17	34	W	4	b	30.15	+.03	32	31	+ 1	W	4	b	•	b	•	37	27	–
	Karlstad	30.12	27	SSW	2	b	30.15	.00	26	25	+ 11	SW	2	0	•	b	•	•	•	–
	Bodö	29.51	35	SW	6	0	29.69	+.01	29	27	- 11	W	6	0	3	0	•	41	28	–
	Christiansund ...	29.90	41	WSW	9	r	30.06	+.02	40	39	- 1	WSW	6	0	6	r	•	43	37	0.24
	Skudesnaes ...	30.19	39	SW	0	0	30.33	+.11	37	36	+ 2	NNW	1	0	1	0	•	40	35	•
	Færder (X'iania Fjord)	30.15	28	SSW	2	f	30.20	+.04	31	30	+ 4	WSW	4	0	2	f	•	31	27	–
	The Scaw (Skagen)	30.20	35	WNW	2	b	30.26	+.07	36	36	+ 5	NW	3	m	0	b	•	37	30	–
	Fanö	30.39	35	W	2	c	30.43	+.15	35	34	- 2	WSW	2	c	•	c	•	39	34	
British Islands	Sumburgh Head ...	30.10	43	WSW	3	0	30.18	+.07	43	41	+ 1	W	3	0	4	0	•	44	42	–
	Stornoway	30.17	45	SW	3	0	30.21	+.05	43	39	+ 1	WSW	4	0	4	0	0.4	46	36	–
	Wick	30.19	41	S	2	0	30.25	+.07	37	35	- 4	W	2	bc	1	0	•	45	34	–
	Nairn	30.23	41	W	1	0	30.28	+.08	38	31	- 6	SW	1	m	1	0	•	44	30	–
	Aberdeen	30.26	40	SW	2	0g	30.33	+.09	34	32	- 5	SW	1	bmw	1	0g	0.0	43	31	–
	Leith	30.27	43	SW	0	0	30.33	+.07	37	35	0	SW	0	f	•	0	-	46	31	–
	Shields	30.28	40	SE	2	0	30.35	+.10	37	34	- 1	SE	2	f	2	cm.o	•	43	32	–
	Spurn Head ...	30.27	40	E	3	c	30.35	+.08	40	38	0	ESE	4	b	2	0	•	44	37	–
	Loughborough ...	30.27	39	ENE	2	0	30.35	+.08	35	33	- 2	ENE	1	bcm	•	c.om.cm	•	41	32	–
	Malin Head ...	30.23	40	S	1	om	30.26	+.04	38	36	- 1	SSE	1	om	1	om	•	42	37	–
	Blacksod Pt... ...																•			
	Donaghadee ...	30.26	41	W	1	0	30.27	+.02	42	40	+ 1	SE	4	0	3	0	•	43	37	–
	Liverpool (Bidston)	30.26	39	SSE	2	0	30.30	+.04	37	34	- 1	SE	3	c	?	om	•	43	34	–
	Holyhead	30.22	40	E	2	om	30.22	+.02	40	38	+ 1	E	3	c	2	om	•	42	35	–
	Parsonstown ...	30.20	40	SE	1	0	30.20	-.02	38	36	+ 2	NW	1	0	*	0	0.0	50	27	–
	Valencia	30.17	45	NE	1	om	30.16	-.02	38	36	- 4	W	0	om	2	c.om	1.3	48	30	–
	Roche's Point ...	30.19	42	E	4	c	30.14	-.05	41	41	+ 1	ENE	4	m	4	c	•	47	39	–
	Pembroke (St. Ann's Hd.)	30.17	42	E	4	c	30.15	-.05	42	41	+ 3	SE	6	cm	4	o.c	0.0	43	39	–
	Scilly	30.01	44	NE	6	m	30.07	+.04	49	47	+ 5	SSE	4	op	3	o.m	0.0	49	41	0.10
	Jersey (St. Aubin's) ...	30.11	48	SE	3	c	30.19	+.07	47	43	+ 7	ENE	1	bcmw	1	cp	•	49	39	0.03
	Portland Bill ...	30.14	43	ESE	5	0	30.19	+.01	43	43	+ 2	E	2	bc	2	o.om	•	43	39	0.11
	Dungeness	30.20	43	E	4	bc	30.29	+.09	46	44	+ 6	E	2	b	2	b.bc	•	47	39	–
	London (Brixton) ...	30.23	41	ESE	3	bc	30.30	+.06	40	39	+ 1	E	3	b	•	bc.c.bw	0.9	48	37	–
	Oxford	30.24	42	E	3	c	30.29	+.05	40	38	+ 4	E	2	bc	•	c	•	46	36	–
	Yarmouth	30.25	39	E	4	b	30.34	+.09	40	39	+ 1	ENE	3	b	3	b	•	41	37	–
France & Netherlands. Germany.	Cuxhaven	30.36	36	SW	0	0	30.42	+.10	33	33	- 1	N	1	bc	•	0	•	37	32	–
	Berlin	30.41	36	SW	0	b	30.45	+.10	30	29	- 5	SE	1	b	•	b	•	41	28	–
	Wiesbaden... ...	•	•	•	•	•	30.43	+.12	32	30	- 2	S	1	b	•	•	•	46	30	–
	Munich	30.38	27	SW	0	b	30.46	+.14	26	26	+ 8	W	1	b	•	b	•	34	18	–
	The Helder ...	30.30	39	NE	1	c	30.38	+.10	36	35	- 3	ENE	1	b	0	c	•	43	34	–
	Brussels	•	•	•	•	•	30.38	+.10	43	39	+ 9	E	1	b	•	b	•	49	32	–
	C. Gris Nez ...	30.21	42	ENE	2	m	30.26	+.08	39	37	+ 6	SE	2	m	1	m	•	48	33	–
	Paris	30.24	48	SSW	2	b	30.30	+.10	40	37	+ 10	SE	1	m	•	bc	•	55	30	–
	Brest	30.02	48	S	3	0	30.09	+.15	46	46	+ 5	SE	3	r	2	0	•	52	41	0.12
	Lorient	30.08	47	S	2	c	30.12	+.13	43	43	- 1	ESE	3	c	2	c	•	54	43	–
	Rochefort	30.08	52	S	2	c	30.11	+.05	45	43	+ 6	SE	3	0	•	c	•	61	39	–
	Belfort	30.32	46	ESE	2	m	30.45	+.19	36	35	+ 6	N	0	m	•	m	•	53	30	–
	Lyons	30.31	48	S	1	c	30.38	+.09	43	39	+ 10	SE	1	c	•	c	•	59	33	–
	Nice	30.42	46	E	2	c	30.48	+.31	46	41	+ 6	E	1	c	1	c	•	54	39	–
	Perpignan	30.25	50	SE	2	b	30.31	+.06	48	45	+ 10	S	2	b	•	b	•	59	38	–
	Biarritz	30.05	54	NE	3	bc	30.07	+.02	54	51	+ 3	S	4	c	1	bc	•	61	46	–
Span. Pen.	Corunna																•			
	Lisbon														•		•			
	Azores (P. Delgada)	30.01	54	ENE	3	c	29.98	-.13	54	50	+ 3	NE	4	c	3	c	•	61	52	–

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

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

Bright Sunshine yesterday Southport 0·0 hrs.

WEATHER CHARTS

FOR Saturday, 10th March, 1900.

BAROMETER, WIND AND SEA.

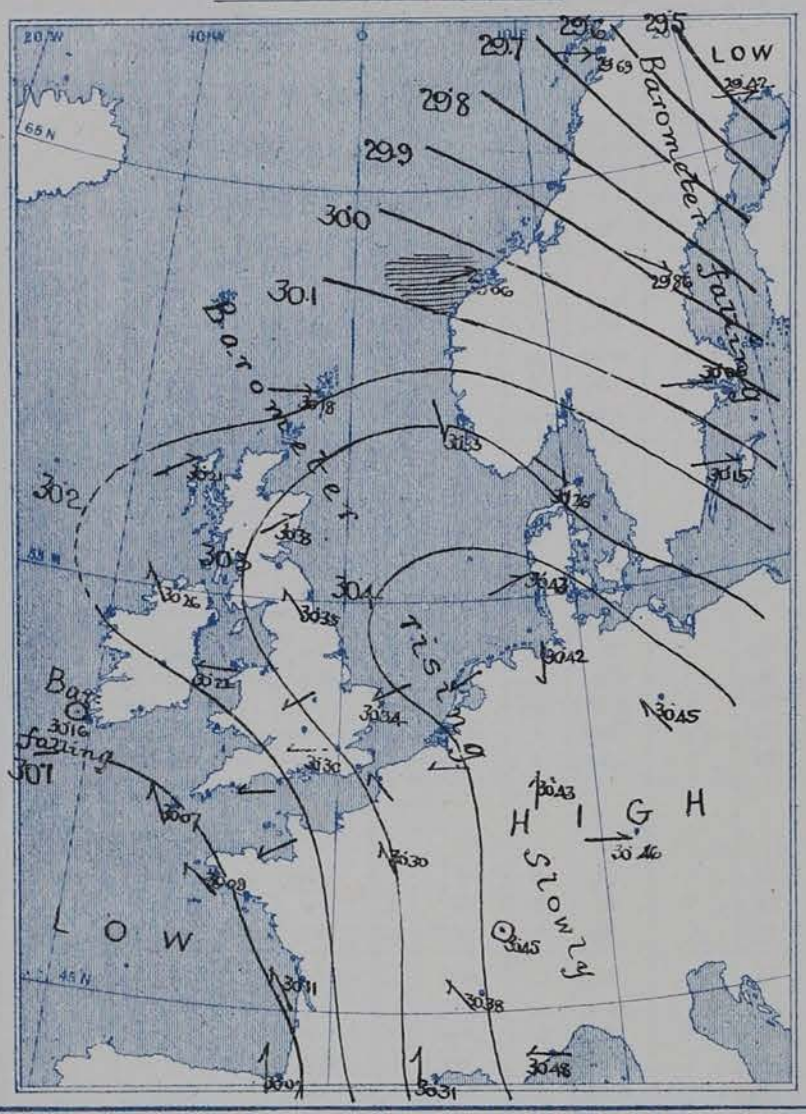
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

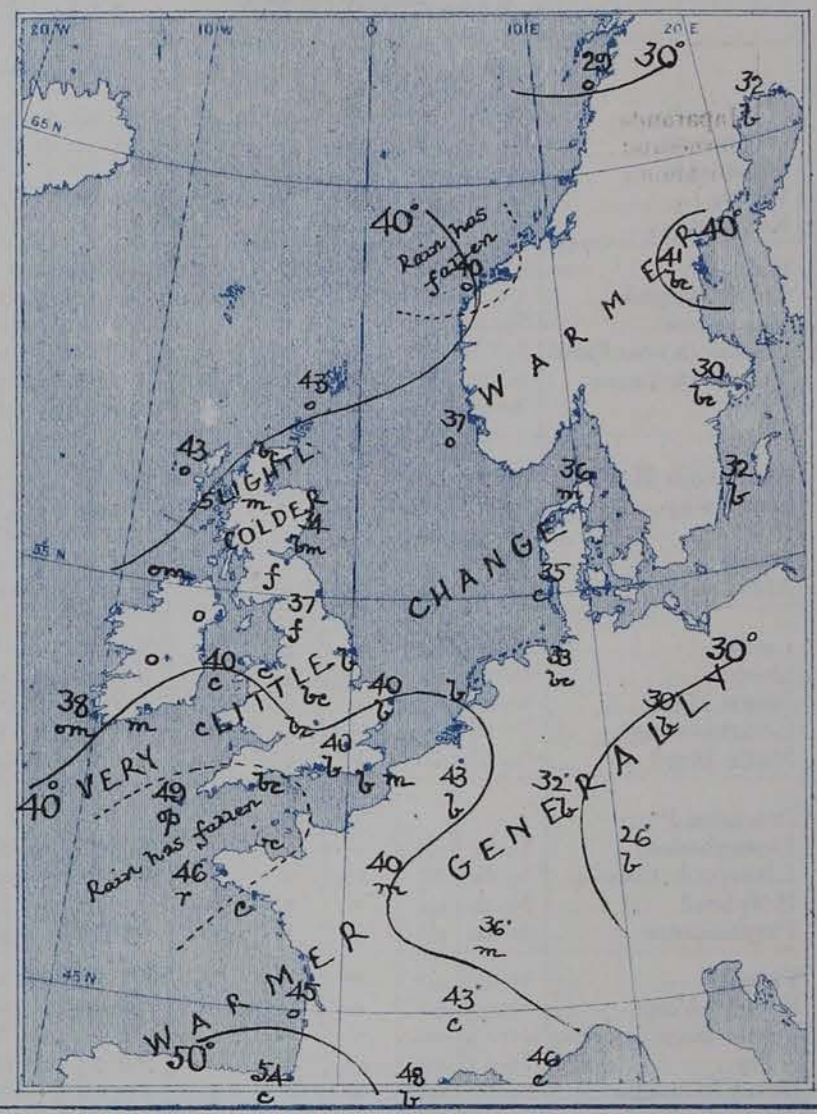


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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 Germany, the east of France, and the southern part of the North Sea.
Lowest, 29·5 in. and less in a depression over Lapland; 30·1 in. and less in a large shallow area over the Bay of Biscay.
Gradients slight generally, but moderate over the northern part of Scandinavia.
Barometer falling in the south of Ireland and also in Sweden, rising elsewhere.

TEMPERATURE

Highest, 54° at Biarritz, 49° at Scilly, 48° at Perpignan, 47° at Jersey and 46° at Bourgneuf, Brest and Nice.
Lowest, 26° at Karlstad and Munich, 29° at Bodö, and 30° at Stockholm and Berlin; lowest in our Islands 33° at Nairn.
Sharp frost occurred last night in many parts of the United Kingdom the lowest temperatures reported being:—(1) In the screen 27° at Faversham and 30° at Nairn and Valencia; (2) On the grass 25° at Loughborough and 31° in London.

WIND

E^{2} or SE^{2} over England, Ireland, France, and the Netherlands; light or moderate in force generally, but strong at Pembroke.
SW^{1} or W^{1} in the north of Scotland and also in Scandinavia and Denmark, and strong in force in the west of Norway.

WEATHER

Fair or fine over Western Europe as a whole, but dull on our extreme east and southeast coasts and also in the west of France, with passing showers at Scilly and steady rain at Brest.
Dull also at the Norwegian stations
A little rain fell yesterday in the west parts of the Channel, but over the United Kingdom as a whole the weather remained dry.

SEA

Moderate to smooth generally, but rough at Christiansund.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Anticyclonic conditions seem likely to continue for a time over all the more eastern parts of the United Kingdom. The depression over the Bay of Biscay is, however, inclined to move northwards, and rain is, therefore, probable in some parts of our western and southwestern districts.

FORECASTS

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

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·25	40	39	SW	0	0	1
Sumburgh Head	30·10	43	42	WSW	3	0	4
Stornoway... ...	30·17	46	43	WSW	4	0	4
Aberdeen	30·23	43	37	SSW	2	0	1
Shields	30·25	42	39	SW	0	cm	2
Malin Head ...	30·23	42	38	SW	1	cm	1
Blacksod Pt.. ...	30·22	42	37	E	3	m	2
Holyhead	30·23	42	37	E	2	0	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia :... ...	30·17	46	41	N	1	om	2
Scilly	30·03	46	44	ENE	6	o	3
Jersey	30·11	47	44	ESE	4	c	3
Portland Bill ...	30·14	43	42	ESE	5	om	4
Dungeness ...	30·20	45	42	E	3	b	3
London (Westminster)	30·20	49	42	ENE	2	bc	*
Yarmouth ...	30·25	41	39	E	3	bc	3
Rochefort ...	30·08	57	52	SSE	3	bc	*

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 (haze); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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„ Weekly „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Sunday 11th March, **1900.**

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda	29.73	23	W	4	o	29.42	·00	39	37	+ 7	W	4	b	•	o	•	39	21	0.04
	Hernösand	29.97	41	NW	2	o	29.89	+ ·03	41	36	0	2	o	b	•	o	•	45	32	—
	Stockholm	30.18	33	2	o	b	30.09	+ ·03	34	32	+ 4	WSW	2	b	•	b	•	39	27	—
	Wisby	30.25	34	W	4	b	30.22	+ ·07	32	31	0	WSW	4	b	•	b	•	36	27	—
	Karlstad	30.22	33	SW	2	b	30.15	·00	28	27	+ 2	W	2	of	•	b	•	•	•	—
	Bodö	29.39	39	SW	6	r	29.51	— ·18	39	38	+ 10	SW	7	o	4	r	•	41	27	0.51
	Christiansund ...	30.04	42	WSW	9	o	30.01	— ·05	41	39	+ 1	WSW	4	c	6	o	•	43	39	0.08
	Skudesnaes ...	30.36	38	S	2	bc	30.30	— ·03	38	37	+ 1	2	o	o	1	bc	•	41	34	•
	Færder (X'iania Fjord)	30.22	34	W	2	b	30.17	— ·03	31	30	0	WSW	4	m	2	b	•	37	30	—
	The Scaw (Skagen)	30.32	35	WNW	3	m	30.27	+ ·01	36	35	0	WNW	5	m	1	m	•	39	32	—
	Fanö	30.27	33	WSW	2	b	30.42	— ·01	34	33	— 1	SSW	2	c	•	b	•	37	32	—
British Islands	Sumburgh Head ...	30.16	42	W	3	o	30.13	— ·05	42	41	— 1	WSW	3	o	4	c.o	•	46	40	—
	Stornoway	30.18	43	SW	4	o	30.18	— ·03	39	38	— 4	WSW	2	bc	2	o	0.5	44	37	—
	Wick	30.20	41	W	2	b	30.19	— ·06	40	38	+ 3	S	1	b	1	b	•	44	32	—
	Nairn	30.23	42	W	1	b	30.22	— ·06	35	33	+ 2	2	o	m	0	b	•	48	29	—
	Aberdeen	30.28	39	SSW	3	b	30.26	— ·07	36	35	+ 2	W	1	bcmr	.1	b	8.1	44	31	—
	Leith	30.28	41	SSE	1	c	30.27	— ·06	38	36	— 1	2	o	f	•	c	•	48	32	—
	Shields	30.33	39	ESE	3	bcm	30.29	— ·06	38	37	+ 1	SW	3	c	2	bcm	•	43	34	—
	Spurn Head ...	30.33	40	ESE	4	bc	30.31	— ·04	41	40	+ 1	SE	1	cm	2	bc	•	44	38	—
	Loughborough ...	30.29	49	ENE	1	c	30.31	— ·04	34	34	— 1	NE	1	ofm	•	c.b.om.f	•	53	32	—
	Malin Head ...	30.20	44	SSE	2	om	30.25	— ·01	41	39	+ 3	SSW	1	bm	1	c.om	•	47	37	—
	Blacksod Pt. ...	30.20	44	2	o	c	30.27	+ ·05	38	37	— 1	2	o	b	•	c	•	47	32	—
	Donaghadee ...	30.25	44	E	2	bc	30.26	— ·01	43	43	+ 1	ESE	1	o	o	bc	•	44	39	—
	Liverpool (Bidston)	30.25	46	ESE	3	bc	30.28	— ·02	40	38	+ 3	ESE	1	bc	?	bc	•	51	37	—
	Holyhead	30.22	46	2	o	om	30.24	+ ·02	42	40	+ 2	2	o	om	o	c.om	•	52	38	—
	Parsonstown ...	30.18	46	SE	1	o	30.32	+ ·12	33	32	— 5	E	1	f	•	o	0.1	48	31	0.03
	Valencia	30.12	48	N	3	bcm	30.25	+ ·09	43	42	+ 5	2	o	cm	2	bcm	5.0	49	37	—
	Roche's Point ...	30.12	46	ENE	5	dp	30.26	+ ·12	44	43	+ 3	NNE	3	m	3	dp	•	49	41	0.09
	Pembroke (St. Ann's Hd.)	30.14	49	SE	5	c	30.21	+ ·06	45	41	+ 3	ENE	3	cm	4	c	2.5	49	41	—
	Scilly	30.02	49	E	4	ofm	30.11	+ ·04	49	47	0	ESE	2	cr	1	o.ofm	0.0	51	46	0.43
	Jersey (St. Aubin's) ...	30.13	52	ESE	4	ogp	30.18	— ·01	51	47	+ 4	ENE	1	bcm	1	c.opg	•	53	45	0.01
	Portland Bill ...	30.19	45	E	3	o	30.20	+ ·01	45	44	+ 2	E	3	cm	2	bc.o	•	48	41	0.07
	Dungeness	30.25	46	E	3	c	30.20	— ·09	45	44	— 1	E	3	c	3	c	•	51	39	—
	London (Brixton) ...	30.27	48	E	2	b	30.25	— ·05	40	38	0	ENE	1	om	•	bm.o	4.0	56	38	—
	Oxford	30.26	47	E	3	bc	30.26	— ·03	37	36	— 3	NNE	1	c	•	bc	•	57	35	—
	Yarmouth	30.32	41	ENE	3	bc	30.26	— ·08	40	39	0	NE	3	b	3	bc	•	43	38	—
France & Netherlands, Germany.	Cuxhaven	30.43	36	N	1	b	30.38	— ·04	32	31	— 1	E	1	b	•	b	•	39	30	—
	Berlin	30.45	39	SE	1	b	30.44	— ·01	30	29	0	SE	1	b	•	b	•	45	28	—
	Wiesbaden ...	•	•	•	•	•	30.39	— ·04	34	33	+ 2	S	1	bc	•	•	•	50	32	—
	Munich	30.45	33	SE	1	b	30.44	— ·02	27	26	+ 1	E	3	b	•	b	•	41	23	—
	The Helder ...	30.36	39	ENE	2	b	30.29	— ·09	37	36	+ 1	ENE	1	o	1	b	•	43	36	—
	Brussels	•	•	•	•	•	30.28	— ·10	44	41	+ 1	SSE	4	c	,	b	•	60	41	—
	C. Gris Nez ...	30.26	48	E	2	m	30.17	— ·09	45	43	+ 6	SE	1	m	1	m	•	59	39	—
	Paris	30.25	52	E	1	b	30.25	— ·05	39	37	— 1	SSE	2	bc	•	b	•	60	38	—
	Brest	30.05	49	SSE	2	o	?30.07	— ·02	46	46	0	E	2	o	?	o	•	?	?	0.04
	Lorient	30.08	48	SE	5	c	30.09	— ·03	45	45	+ 2	E	2	c	2	c	•	52	43	—
	Rochefort	30.11	55	SSW	3	o	30.10	— ·01	49	46	+ 4	SE	3	o	•	o	•	57	45	0.08
	Belfort	30.38	49	ENE	3	m	30.41	— ·04	37	34	+ 1	ENE	3	c	•	m	•	57	33	—
	Lyons	30.35	50	S	1	bc	30.36	— ·02	43	39	0	S	1	c	•	bc	•	63	41	—
	Nice	30.47	48	E	5	bc	30.46	— ·02	41	37	— 5	E	3	c	3	bc	•	57	39	—
	Perpignan	30.31	52	SE	1	c	30.28	— ·03	53	51	+ 5	SE	2	o	•	c	•	63	48	—
	Biarritz	30.06	61	S	2	c	30.04	— ·03	56	48	+ 2	S	3	c	1	c	•	66	54	—
Span. Pen.	Corunna	30.04	58	S	3	bc	30.13	— ·08	50	48	0	WNW	4	c	3	bc	•	59	45	0.79
	Lisbon	30.17	53	NNW	2	o	30.22	+ ·08	52	50	+ 5	ESE	2	r	•	o	•	57	47	0.04
	Azores (P. Delgada)	30.05	56	ENE	3	o	30.07	+ ·09	58	55	+ 4	E	5	o	6	o	•	61	54	—

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

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

Bright Sunshine yesterday Southport 5·2 hrs.

WEATHER CHARTS

FOR Sunday, 11th March, 1900.

BAROMETER, WIND AND SEA.

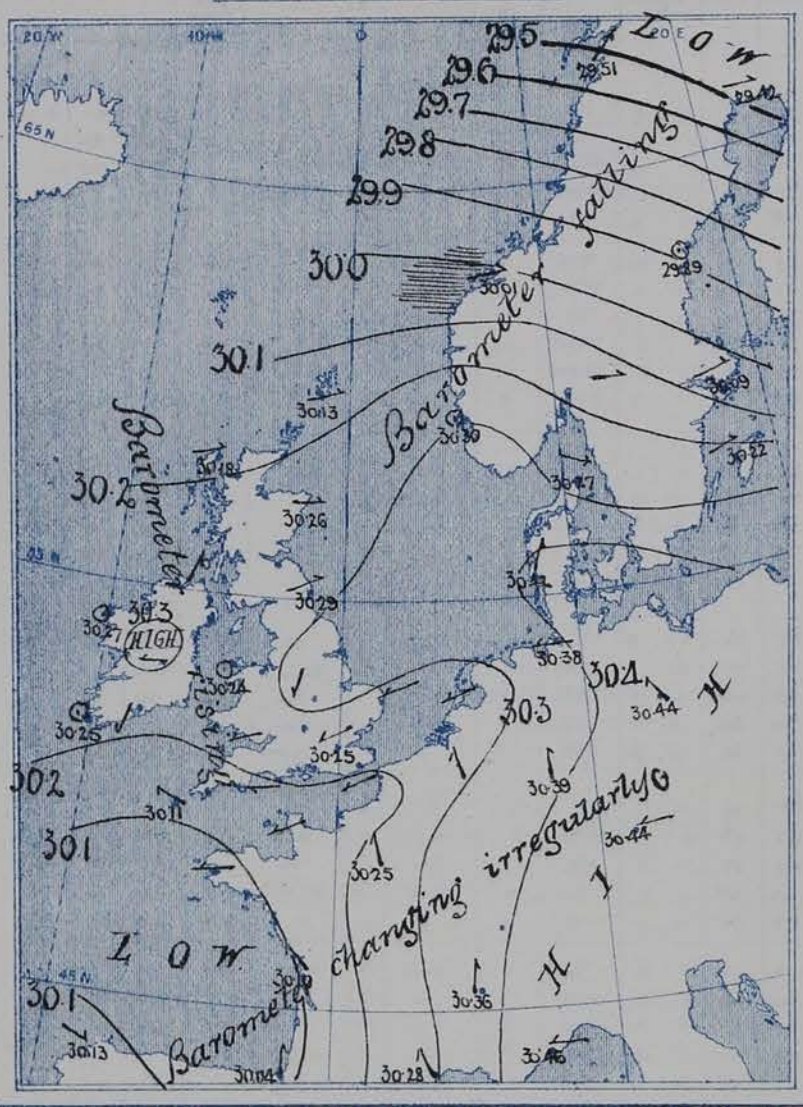
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

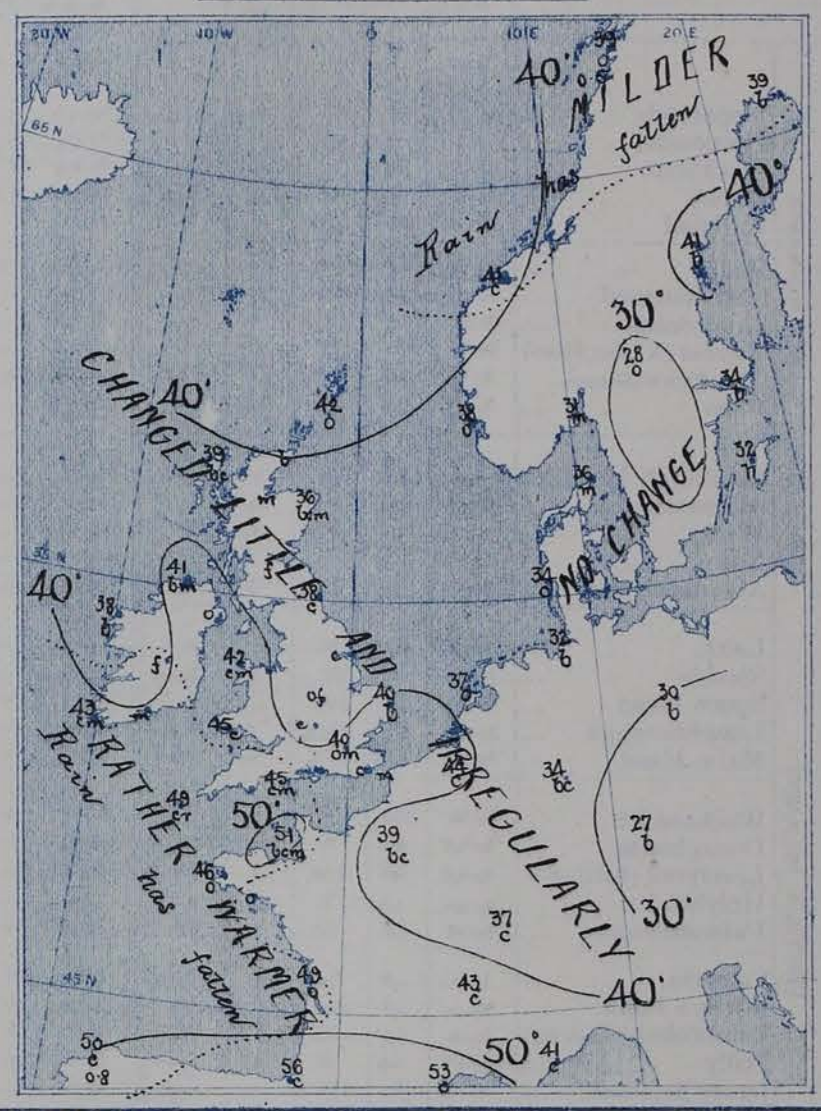


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871–95. (Inches.)	TEMPERATURE OF AIR. 1871–95. Means of Dry Bulb 8 a.m. °	Means of Wet Bulb 8 a.m. °	Means of Daily Maximum. °	Means of Daily Minimum. °	Absolute Extremes. Maximum. °	Years.	Absolute Extremes. Minimum. °	Years.	RAINFALL Means, 1866—95. (Inches.)	BRIGHT SUNSHINE, Means, 1881—95. Hours.	Per cent. of possible.
Sumburgh Head	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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 Baltic, Germany and the E. of France, 30.2 ins. and upwards in an anticyclone extending from central Europe over the North Sea & the greater part of the United Kingdom. Lowest 29.5 ins. and less in the N. of Scandinavia; 30.1 ins. and less in a very shallow depression over the Bay of Biscay.
Gradients slight over W^rn Europe, but moderate to rather steep over Scandinavia.
Barometer falling slightly generally, but rising in the SW of our Islands.

TEMPERATURE — Highest 56° at Biarritz, 53° at Perpignan, 52° at Lisbon, 51° at Jersey, and 50° at Coruna.
Lowest 27° at Munich, 28° at Karlstad and 30° at Berlin; lowest in our Islands 33° at Parsonstown, 34° at Loughborough, and 35° at Nairn.
During yesterday the thermometer rose to 50° and upwards in many parts of England to 56° in London, and to 57° at Oxford. Frost occurred at night at most of our N^rn & central stations.

WIND — Light from the S^wd or SE^wd over France and Belgium, and from the E^wd or NE^wd over the greater part of England and Ireland.
SW^ly or W^ly on our northern coasts and also in Scandinavia & Denmark, with a moderate gale at Bodö.

WEATHER — Fair or fine over W^rn Europe as a whole, but with mist or fog in several parts of the United Kingdom.
Dull at several places in the W. and S. of France and raining at Lisbon.
Rain fell yesterday in the SW. of our Islands and the W. of France, as well as at Coruna and Lisbon. Rain also occurred in the W^rn and N^rn parts of Scandinavia.

SEA — Slight or smooth generally, but rough at Christiansund

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

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

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·38	41	38	Z	0	bc	1
Sumburgh Head	30·17	45	41	WSW	3	c	4
Stornoway... ...	30·20	48	40	SW	4	o	4
Aberdeen	30·30	43	38	S	3	b	2
Shields	30·34	42	39	SE	3	bcw	2
Malin Head ...	30·22	47	43	SSE	3	c	2
Blacksod Pt. ...	30·20	47	41	ESE	2	b	1
Holyhead	30·22	51	47	NW	1	c	1
Valencia	30·13	48	44	NE	3	bcw	4
Scilly	30·02	50	49	E	4	o	3
Jersey	30·17	52	48	E	3	c	3
Portland Bill ...	30·21	48	46	SE	3	bc	3
Dungeness ...	30·25	49	47	E	3	c	2
London (Westminster)	30·27	55	50	NNE	2	c	*
Yarmouth ...	30·30	48	41	ENE	3	b	3
Rochefort ...	30·13	55	51	SE	3	o	*

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

Weather in morning fair or fine over the greater part of our Islands and the Continent, but dull on our extreme W. and SW. coasts and also in the W. of France, with passing showers at Scilly and steady rain at Brest; dull also over Norway and the greater part of Russia, with snow at Kiev. Rain falling later at most of our own SW^rn. stations, and also in the W^rn. parts of France and the Spanish Peninsula. Rain or snow falling also over the N^rn. parts of Scandinavia.

Temperature risen in Sweden, Russia and Austria, changed rather irregularly elsewhere. Morning readings highest 61° at Algiers, 56° at Palma, and 55° at Bilbao, Barcelona, Cagliari and Malta; above 50° at most of the Mediterranean stations. Lowest 3° at Archangel, 6° at Moscow, 12° at Hermanstadt, and 13° at Kharkow; below the freezing point in most parts of N^rn. and central Europe, and very little above it in the central parts of Gt. Britain. Rising during day to 50° and upwards at most of the English stations, and to 57° at Cambridge; reaching 60° at Brussels and Paris, and exceeding that point in the S. of France.

Wind E^ly. or SE^ly. over Ireland, England, France and the Netherlands; light to moderate in force generally, but strong at Pembroke. W^ly. to SW^ly. over Scotland, and also over the whole of northern Europe and strong in force in the west of Norway. Variable over Germany, Austria and the south of Russia, and also over the Spanish Peninsula; N^ly. in Italy. No important change occurring later.

Barometer highest 30.7 ins. and upwards over E^rn. Austria, 30.2 ins. and upwards in an anticyclone covering the whole of E^rn. and S^rn. Europe, and extending northwestwards over the greater part of the United Kingdom. Lowest 29.5 ins. and less in a depression over Lapland; 30.1 ins. and less in a shallow disturbance over the Bay of Biscay. No important change occurring over W^rn. Europe during day.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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„ Weekly „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Monday 12th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rain
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max	Min	
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda	29.67	32	W	2	b	29.51	+.09	23	22	−16	S	2	s	•	b	•	43	18	—
	Hernösand	29.96	40	W	2	bc	29.68	−.21	38	33	−3	SSW	2	o	•	bc	•	48	34	—
	Stockholm	30.15	33	Z	0	b	29.99	−.10	33	31	−1	SW	4	c	•	b	•	41	25	—
	Wisby	30.22	33	WSW	4	b	30.13	−.09	33	32	+1	W	4	b	•	b	•	36	28	—
	Karlstad	30.15	29	SSW	4	b	30.01	−.14	28	26	0	WSW	4	b	•	b	•	•	•	—
	Bodö	29.25	35	WSW	6	c	29.21	−.30	36	34	−3	SW	7	c	8	c	•	39	34	0.51
	Christiansund ...	29.96	40	WSW	10	r	29.65	−.36	39	36	−2	WSW	9	r	8	r	•	41	36	0.24
	Skudesnaes ...	30.28	39	S	2	o	30.14	−.16	39	39	+1	WSW	2	o	2	o	•	40	37	•
	Færder (Christiania Fjord)	30.14	35	WSW	2	bc	30.04	−.13	35	34	+4	WSW	5	m	3	bc	•	36	31	—
	The Scaw (Skagen)	30.25	36	W	3	m	30.20	−.07	36	35	0	W	3	m	0	m	•	37	36	—
	Fanö	30.38	33	NE	2	b	30.32	−.10	32	31	−2	SW	2	b	4	b	•	41	30	—
British Isles	Sumburgh Head ...	30.07	45	WSW	4	o	30.03	−.10	44	42	+2	W	4	o	4	o	•	48	38	0.04
	Stornoway	30.21	44	W	1	odp	30.31	+.13	45	43	+6	W	4	o	4	odp	2.5	49	36	0.02
	Wick	30.15	45	S	1	b	30.23	+.04	43	41	+3	SW	4	o	2	b	•	51	39	0.02
	Nairn	30.23	48	SW	1	c	30.31	+.09	45	41	+10	WNW	2	bc	2	c	•	52	29	—
	Aberdeen	30.25	44	W	1	bm	30.33	+.07	44	40	+8	WSW	2	c	1	bm	6.8	54	36	—
	Leith	30.25	46	Z	0	o	30.40	+.13	42	39	+4	WSW	2	om	•	o	•	53	35	—
	Shields	30.27	45	S	1	c	30.40	+.11	38	37	0	SW	3	cm	2	c	•	52	36	—
	Spurn Head ...	30.30	42	NE	3	bc	30.40	+.09	37	36	−4	NNW	1	f	0	bc. f	•	42	34	—
	Loughborough ...	30.30	41	W	1	bc	30.45	+.14	28	28	−6	Z	0	f	•	c. bc. bf	•	45	28	—
	Malin Head ...	30.31	45	W	2	cm	30.50	+.25	44	43	+3	W	2	og	2	bcm. c	•	48	38	—
	Blacksod Pt. ...	30.34	48	WNW	2	c	30.60	+.33	49	45	+9	WNW	2	c	1	c	•	50	35	—
	Donaghadee ...	30.30	46	N	1	c	30.51	+.25	42	42	−1	W	1	bcur	2	c	•	48	36	—
	Liverpool (Bidston)	30.29	51	Z	0	bc	30.50	+.22	41	41	+1	W	1	o	2	bc	•	53	39	—
	Holyhead	30.27	46	NW	1	bc	30.52	+.28	44	43	+2	NW	2	om	1	bc. bf	•	49	40	—
	Parsonstown ...	30.33	50	NW	1	b	30.59	+.27	38	37	+5	NW	1	m	•	b	3.9	54	31	—
	Valencia	30.36	47	NNW	2	bc	30.62	+.37	47	43	+4	N	3	o	3	bcm	6.1	53	38	—
	Roche's Point ...	30.34	51	N	2	bc	30.61	+.35	43	41	−1	N	3	b	3	p. bc	•	52	41	0.02
	Pembroke (St. Ann's Hd.)	30.27	51	NE	1	bc	30.49	+.28	44	43	−1	NE	3	bm	2	bc	4.5	54	42	—
	Scilly	30.21	49	NE	1	c	30.44	+.33	48	47	−1	NNE	4	omw	1	c	2.6	55	43	—
	Jersey (St. Aubin's) ...	30.19	54	NNW	2	b	30.38	+.20	46	45	−5	N	2	cf	2	b. l	•	58	45	—
	Portland Bill ...	30.24	46	N	1	om	30.41	+.21	44	41	−1	NNE	3	bm	2	om	•	48	40	0.05
	Dungeness	30.20	47	ENE	2	c	30.38	+.18	41	39	−4	NNE	2	b	2	c	•	49	37	—
	London (Brixton) ...	30.26	49	NE	2	c	30.43	+.18	38	36	−2	NE	1	b	•	om. bc. cm	0.0	52	34	—
	Oxford	30.31	45	NE	2	c	30.47	+.21	35	34	−2	N	1	bf	•	c	•	50	32	—
	Yarmouth	30.25	42	NNE	2	c	30.38	+.12	35	34	−5	WNW	3	f	3	c	•	44	32	—
Germany	Cuxhaven	30.30	43	E	1	bc	30.33	−.05	38	37	+6	E	1	bc	•	bc	•	45	32	0.08
	Berlin	30.37	44	Z	0	b	30.36	−.08	35	34	+5	SSE	1	bc	•	b	•	52	30	—
	Wiesbaden	•	•	•	•	•	30.38	−.01	43	42	+9	S	1	o	•	•	•	52	34	—
	Munich	30.39	35	Z	0	bc	30.41	−.03	32	31	+5	W	3	b	•	bc	•	45	27	—
France & Netherlands	The Helder ...	30.25	40	ENE	1	m	30.32	+.03	40	40	+3	NNE	2	b	1	m	•	43	37	—
	Brussels	•	•	•	•	•	30.36	+.08	44	42	0	SE	1	b	•	b	•	60	37	—
	C. Gris Nez ...	30.19	44	E	1	m	30.33	+.16	42	41	−3	NE	3	m	3	m	•	52	39	—
	Paris	30.21	55	SE	2	o	30.28	+.03	44	43	+5	NE	1	r	•	o	•	63	39	0.04
	Brest	30.19	52	NE	2	c	30.32	+.25	46	44	0	NNE	2	o	2	c	•	66	45	—
	Lorient	30.18	49	SSW	1	r	30.31	+.22	45	44	0	NNE	3	o	2	r	•	61	41	0.08
	Rochefort	30.06	55	SE	3	c	30.17	+.07	48	46	−1	NNE	2	o	•	c	•	69	45	0.04
	Belfort	30.30	47	ENE	2	m	30.36	−.05	41	39	+4	E	2	r	•	m	•	54	37	—
	Lyons	30.19	53	S	2	o	30.29	−.07	47	42	+4	ESE	1	o	•	o	•	54	43	—
	Nice	30.42	49	ENE	2	bc	30.38	−.08	47	43	+6	E	4	c	3	bc	•	59	41	—
	Perpignan														•		•			
	Biarritz	30.10	49	W	5	r	30.17	+.13	48	44	−8	S	3	r	2	r	•	59	45	0.43
Span. Pen.	Corunna														•		•			
	Lisbon	30.25	54	N	4	o	30.26	+.04	50	44	−2	NNE	4	bc	•	o	•	57	48	—
	Azores (P. Delgada)	30.15	58	ESE	5	o	30.15	+.08	55	54	−3	ESE	4	o	5	o	•	61	54	0.51

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

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

Bright Sunshine yesterday Southport 5·5 hrs.

WEATHER CHARTS

FOR Monday, 12 March, 1900.

BAROMETER, WIND AND SEA.

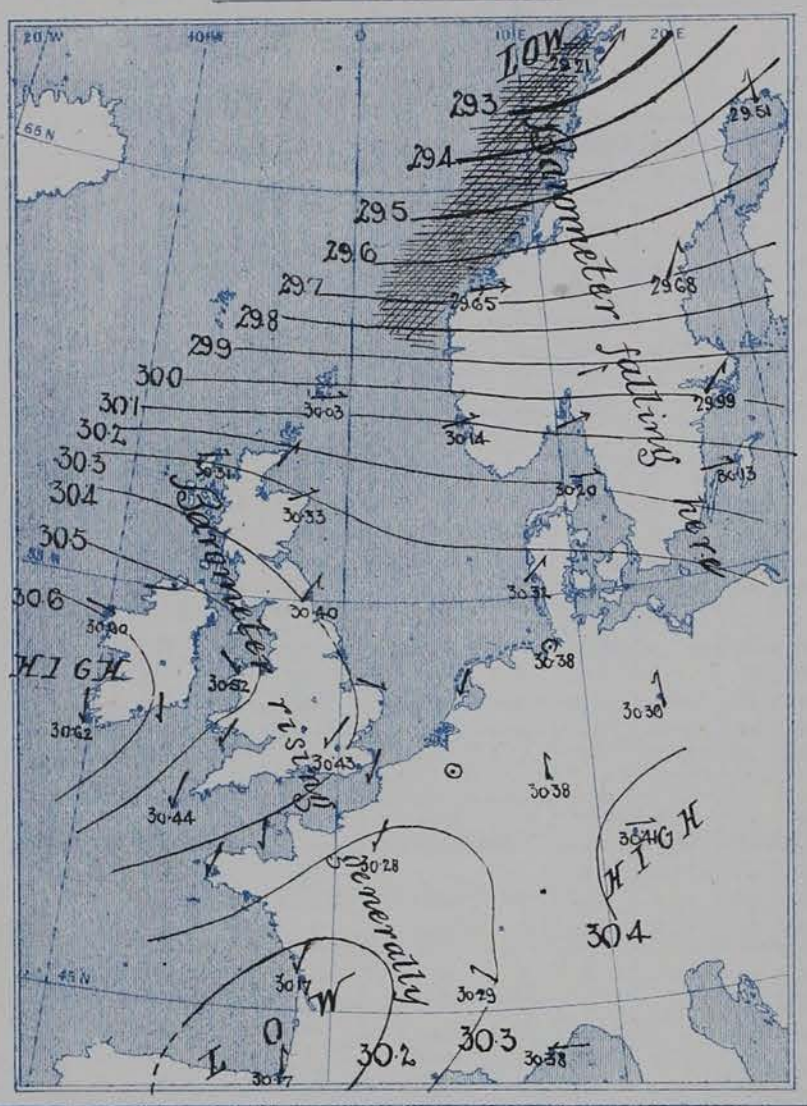
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▤ : *High* ▩



TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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

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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871–95. (Inches.)	TEMPERATURE OF AIR. 1871–95. Means of Dry Bulb 8 a.m. °	Means of Wet Bulb 8 a.m. °	Means of Daily Maximum. °	Means of Daily Minimum. °	Absolute Extremes. Maximum. °	Years.	Minimum. °	Years.	RAINFALL Means, 1866—95. (Inches.)	BRIGHT SUNSHINE, Means, 1881—95. Hours.	Per cent. of possible.
Sumburgh Head	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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 30.6 ins. and upwards in the W. and S. of Ireland; 30.3 ins. and upwards in an anticyclone covering nearly the whole of our Islands, the Netherlands and Germany.
Lowest 29.3 ins. and less in a large depression with its centre off the N^rn. parts of the Norwegian coast.
Gradients rather steep over Scandinavia, but moderate or slight elsewhere.
Barometer rising in our Islands and France, falling elsewhere, - most in the W. of Norway.

TEMPERATURE

Highest 48° at Scilly, Rockport and Biarritz, and 47° at Blackrod Point, Valencia (Ireland) & Nice.
Lowest (1) 23° at Haparanda, 28° at Karlstad, and 32° at Fano and Munich; (2) 28° at Loughborough, and 35° at Oxford and Yarmouth.
Frost occurred last night in several parts of the United Kingdom, the lowest temperatures reported being: (1) In the screen 28° at Loughborough, 29° at Nairn, and 31° at Parsonstown; (2) on the grass 25° at Loughborough & Oxford, and 26° in London.

WIND

W^ly or SW^ly in the northern parts of our Islands and also in Scandinavia and Denmark; light or moderate in force generally, but strong to a gale in the west of Norway.
Variable over Germany and the Netherlands; light from the N^wd. or NE^wd. over the south of our Islands and the greater part of France.

WEATHER

Fair or fine over the greater part of the United Kingdom and also over Denmark, Germany, the Netherlands and the S. of Sweden, but foggy over E^rn. and central England.
Dull in the N. of Scotland and in Scandinavia, with rain at Christiansund and snow at Haparanda; dull also over the greater part of France, with rain at Paris, Belfort & Biarritz.
A little rain fell yesterday in the N. of Scotland, and also at one or two of our S^rn. and SW^rn. stations. A solar halo was seen in London and a lunar halo at Stornoway. Lightning occurred at Jersey at night.

SEA

Slight or smooth generally, but moderate off the N. of Scotland, and very high off the W. of Norway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone recently noticed over our Islands has been reinforced by a new area of high barometric readings which has appeared over Ireland, and which is spreading quickly E^wds. Fair weather is therefore likely to continue over the greater part of the United Kingdom, but on our extreme N^rn. coasts the wind will probably freshen from the NW^wd. under the influence of a large depression which is advancing over Scandinavia from the W^wd.

FORECASTS

For the 24 hours ending at NOON on MARCH 13TH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Westerly to Northwesterly winds, freshening; cloudy; some showers.
1	SCOTLAND EAST	Westerly and Northwesterly winds, light or moderate; fair generally.
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	Light breezes chiefly Northerly; fine generally; frosty at night, with local fogs.
5	ENGLAND SOUTH	

DISTRICTS.		FORECASTS.
6	SCOTLAND WEST	Westerly and Northwesterly winds, light; cloudy, misty.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Northerly and Northeasterly winds, light; fair generally.
9	IRELAND NORTH	Westerly and Northwesterly winds, light; cloudy, local showers
10	IRELAND SOUTH	Same as No. 8.
	WARNINGS	NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·31	40	39	E	0	m	1
Sumburgh Head	30·12	46	44	WSW	3	0	4
Stornoway... ...							
Aberdeen							
Shields							
Malin Head ...	30·27	47	44	W	2	6cm	1
Blacksod Pt.. ...							
Holyhead	30·25	48	45	NW	1	6c	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia							
Scilly	30·20	53	50	ENE	1	c	1
Jersey	30·20	54	49	ESE	3	b	3
Portland Bill ...							
Dungeness ...	30·20	48	46	SW	1	c	2
London (Westminster)							*
Yarmouth ...	30·25	44	43	NNE	3	c	3
Rochefort ...	30·08	54	50	SE	3	0	*

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

CONTINENTAL INFORMATION NOT RECEIVED.

SUMMARY OF CHANGES IN THE WEATHER OVER EUROPE FROM THE 4TH TO 10TH MARCH.

At the beginning of the period a large anticyclone lay over NW^rn Europe, its central portion being situated over the north and northwest of our Islands. The prevailing winds were therefore N^ly or NE^ly and the weather mostly fair cold and dry, but with occasional showers in the N^rn and E^rn parts of Gt. Britain. In all but the NW^rn countries the conditions were influenced by several depressions lying over various parts of Russia, Austria and Italy, the winds being consequently very variable in direction, with snow in the N^rn and E^rn countries and rain in the south.

Towards the middle of the week the anticyclone spread E^wds over central Europe, and the depressions over the E^rn and S^rn countries gradually disappeared, the change resulting in a general improvement in the weather. Later on large cyclonic systems began to pass across the N. of Scandinavia, while a very shallow disturbance extended N^wds over the Bay of Biscay to our own SW^rn coasts. The former depressions occasioned freshening W^ly winds, and some rain over N^rn Europe, while the latter produced E^ly or SE^ly breezes on our own S^rn coasts, with rain in the SW. The change of wind from NE to SE. was attended by a decided rise of temperature over England.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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" Weekly " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 13th March 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max	Min.	
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia.	Haparanda	29.15	27	S	2	c	29.26	−.25	16	15	− 7	L	0	0	•	c	•	36	16	—
	Hernösand	29.24	32	L	0	b	29.31	−.37	28	25	− 10	NW	6	0	•	b	•	43	28	0.08
	Stockholm	29.52	38	SW	2	0	29.05	−.94	28	28	− 5	NNW	9	5	•	0	•	41	27	0.16
	Wisby	29.69	36	SW	6	0	29.12	−1.01	29	28	− 4	NW	10	5	•	0	•	37	28	0.04
	Karlstad	29.47	35	SSW	2	bc	29.41	−.60	30	27	+ 2	WNW	6	b	•	bc	•	•	•	—
	Bodö	29.13	26	SSW	4	s	29.47	+.26	32	29	− 4	NW	5	b●	3	s	•	36	23	—
	Christiansund ...	29.31	30	WNW	9	s	29.78	+.13	35	33	− 4	N	9	s	7	s	•	39	28	0.35
	Skudesnaes ...	29.69	37	NNW	9	0	29.93	−.21	36	33	− 3	NNW	10	c	5	r.0	•	41	28	•
	Færder (X'iania Fjord)	29.51	38	SW	6	bc	29.55	−.49	37	32	+ 2	NW	4	c	3	bc	•	39	34	—
	The Scaw (Skagen)	29.69	37	W	6	m	29.59	−.61	36	36	0	NW	5	b	1	m	•	39	34	0.08
	Fanö	29.97	39	WSW	6	c	29.90	−.42	37	34	+ 5	WNW	6	c	•	c	•	41	32	—
British Islands.	Sumburgh Head ...	29.87	37	N	6	r	30.33	+.30	34	32	− 10	N	5	osp	6	o.r	•	46	30	0.10
	Stornoway	30.24	47	WNW	5	p	30.60	+.29	39	37	− 6	N	5	o	5	o.p	0.2	48	37	0.02
	Wick	30.10	48	W	9	0	30.48	+.25	36	33	− 7	N	7	ow	5	o	•	50	35	0.01
	Nairn	30.22	48	WNW	6	0	30.56	+.25	39	36	− 6	N	3	o	2	o	•	51	36	0.02
	Aberdeen	30.17	47	W	6	cq	30.47	+.14	37	32	− 7	NW	7	ogq	5	bcq.cq.p	3.7	52	36	0.01
	Leith	30.32	46	W	3	bc	30.51	+.11	43	38	+ 1	WNW	2	c	•	bc	•	50	40	—
	Shields	30.34	47	WSW	2	c	30.45	+.05	41	38	+ 3	N	4	op	3	cm.c	•	50	36	—
	Spurn Head ...	30.39	42	NW	4	bc	30.39	−.01	42	40	+ 5	NNW	5	c	2	bc	•	47	35	—
	Loughborough ...	30.47	45	WNW	2	0	30.46	+.01	44	42	+ 16	NW	2	cw	•	0	•	54	28	—
	Malin Head ...	30.53	46	WNW	5	og	30.67	+.17	44	43	0	NNW	5	cp	4	bc.og	•	48	43	0.02
	Blacksod Pt. ...	30.69	48	NW	3	c	30.80	+.20	46	45	− 1	NNW	3	cq	2	c	•	52	43	0.01
	Donaghadee ...	30.54	48	W	3	c	30.61	+.10	44	43	+ 2	NNW	5	bcq	4	c	•	49	42	0.01
	Liverpool (Bidston)	30.53	43	W	4	0	30.53	+.03	43	40	+ 2	WNW	6	b	5	0	•	46	41	—
	Holyhead	30.56	46	NNW	2	c	30.57	+.05	46	43	+ 2	NNW	7	bc	5	o.c	•	47	43	—
	Parsonstown ...	30.65	49	NNW	1	c	30.73	+.14	45	43	+ 7	NNW	1	o	•	c	0.5	51	34	—
	Valencia	30.72	50	N	3	c	30.83	+.21	48	44	+ 1	NNE	3	o	3	cv.c	7.0	52	46	—
	Roche's Point ...	30.67	50	N	3	bc	30.74	+.13	46	43	+ 3	N	4	c	3	bc	•	52	40	—
	Pembroke (St. Ann's Hd.)	30.58	45	N	3	bc	30.69	+.20	46	44	+ 2	NW	5	c	3	bc	6.0	51	43	—
	Scilly	30.55	49	NNE	5	c	30.61	+.17	48	45	0	N	5	c	1	c	9.6	51	44	—
	Jersey (St. Aubin's) ...	30.45	52	NNE	3	bm	30.55	+.17	47	43	+ 1	NW	3	c	3	bm	•	53	41	—
	Portland Bill ...	30.49	51	NNE	2	bcm	30.52	+.11	45	43	+ 1	NNW	3	o	3	bcm	•	59	40	—
	Dungeness	30.42	45	E	3	b	30.41	+.03	43	42	+ 2	WNW	3	c	2	bc.b	•	51	36	—
	London (Brixton) ...	30.45	53	NW	3	b	30.44	+.01	46	43	+ 8	NW	3	o	•	bm.b	1.3	56	37	—
	Oxford	30.52	44	NW	2	b	30.48	+.01	45	42	+ 10	NW	3	bc	•	b	•	56	34	—
	Yarmouth	30.38	46	NNW	3	b	30.36	−.02	42	40	+ 7	NW	3	bc	3	b	•	50	34	—
Germany.	Cuxhaven	30.25	39	W	2	b	29.99	−.34	37	34	− 1	NW	5	b	•	b	•	43	36	—
	Berlin	30.47	48	WSW	2	0	29.88	−.48	37	36	+ 2	NW	5	r	•	0	•	55	35	0.08
	Wiesbaden	•	•	•	•	•	30.18	−.20	43	41	0	W	3	0	•	•	•	55	41	—
	Munich	30.37	39	SW	1	c	30.20	−.21	40	37	+ 5	W	4	o	•	c	•	48	32	—
France & Netherlands.	The Helder ...	30.32	42	W	1	m	30.21	−.11	38	36	− 2	NNW	5	c	4	m	•	46	37	—
	Brussels	•	•	•	•	•	30.34	−.02	40	?	− 4	?	?	o	•	b	•	56	33	—
	C. Gris Nez ...	30.39	42	ENE	1	bc	30.36	+.03	44	41	+ 2	N	4	o	4	bc	•	48	39	—
	Paris	30.36	50	NNE	2	b	30.42	+.14	36	35	− 8	NW	2	b	•	b	•	57	34	—
	Brest	30.48	54	NE	3	b	30.57	+.25	43	42	− 3	NNE	1	b	1	b	•	57	43	—
	Lorient	30.39	52	NNE	5	bc	30.53	+.22	43	42	− 2	NNE	2	bc	2	bc	•	57	41	—
	Rochefort	30.23	50	NNE	3	0	30.30	+.13	45	43	− 3	ENE	3	bc	•	0	•	54	41	0.04
	Belfort	30.33	48	ENE	3	0	30.32	−.04	38	36	− 3	SW	4	m	•	0	•	55	36	0.04
	Lyons	30.31	51	NW	1	0	30.39	+.10	43	42	− 4	N	1	b	•	0	•	57	40	—
	Nice	30.33	49	E	1	c	30.26	−.12	43	41	− 4	E	1	b	2	c	•	59	41	—
	Perpignan	30.30	51	S	1	c	30.37	+.11	39	38	− 9	SW	1	b	•	c	•	58	37	0.20
	Biarritz	30.25	53	NW	4	0	30.28	+.11	52	51	+ 4	W	4	o	3	o	•	55	48	0.32
Span. Pen.	Corunna																•			
	Lisbon	30.23	55	NNE	4	c	30.27	+.01	53	47	+ 3	NE	5	c	•	c	•	63	52	—
	Azores (P. Delgada)	30.28	55	SW	1	c	30.28	+.13	54	50	− 1	NNE	3	c	2	c	•	61	52	—

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

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

Bright Sunshine yesterday Southport 2.5 *hrs.*

WEATHER CHARTS

FOR Tuesday, 13th March, 1900.

BAROMETER, WIND AND SEA.

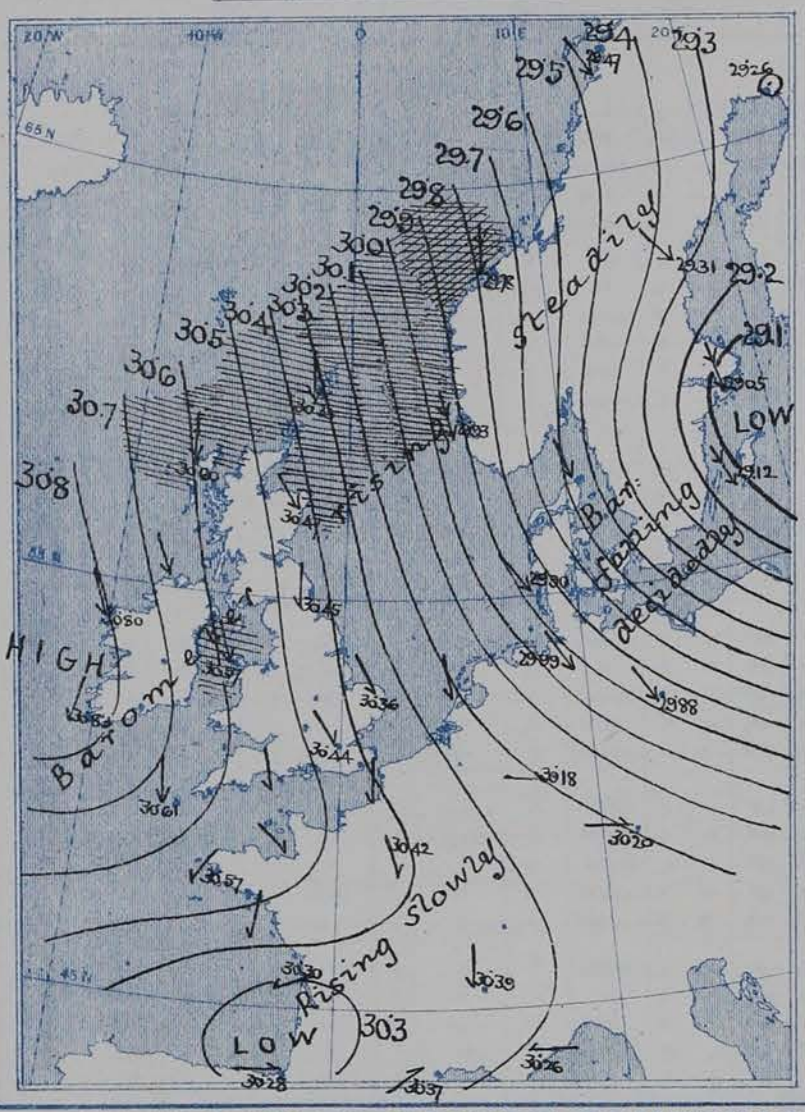
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough : *High*

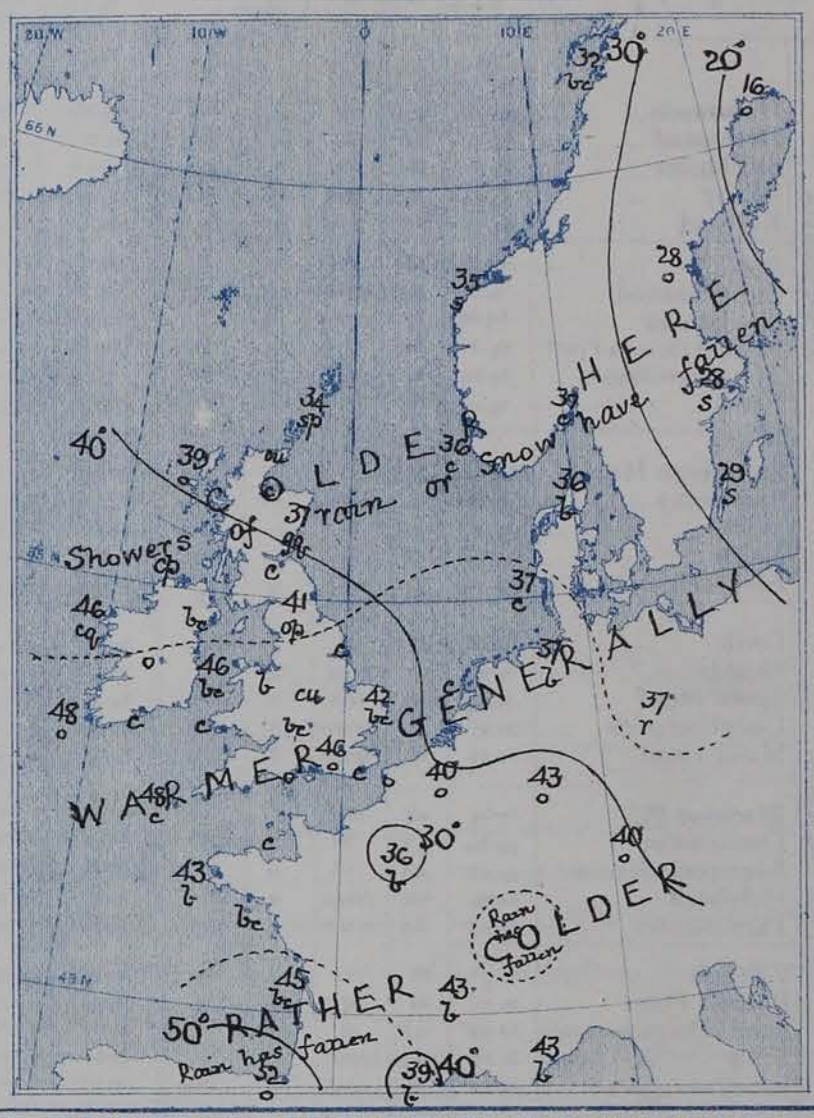


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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 30.8 ins. and more to 30.6 ins. over Ireland and the W.ern parts of Gt. Britain.
Lowest. Below 29.0 ins. over the E.rn parts of the Baltic and the Gulf of Riga.
Gradients very steep over the Baltic and Scandinavia.
Barometer rising throughout our Islands and Norway, falling over the Baltic.

TEMPERATURE

Highest 52° at Biarritz, 48° at Scilly and Valencia, 46° at Holyhead, 44° at Loughborough, 42° at Yarmouth.
Lowest (1) 16° at Haparanda, 28° at Stockholm; (2) 36° at Skudesnaes and Wick, 37° at Aberdeen. It was falling at the N.rn stations, and the fall was spreading southwards.
The maxima yesterday varied from 59° to 51° over the S.rn parts of the Kingdom.

WIND

NW.^{3} to N.^{4} over our Islands and the North Sea; very strong in the north and west of Scotland and over the German Ocean, moderate in the southwest and south.
A gale from W. and NW. was felt last night over Caithness and the Moray Firth.

WEATHER

Cloudy generally over the United Kingdom and Germany, with slight cold showers in Scotland, but fair weather at our southern stations and in France.
The amount of Bright Sunshine recorded yesterday varied from 10 hrs. at some of our SE.rn coast stations to 7 hrs. at Valencia, and to 4 hrs. at Aberdeen.

SEA

Rough in the NW., N and E., slight in the S.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The wind is now likely to moderate at our N.rn stations, and the weather will improve generally, with falling temperature.

FORECASTS

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

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Northerly and Northwesterly winds, strong but moderating; some cold showers. Colder.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Northwesterly and Northerly winds, fresh to moderate; very slight showers. Colder.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Northerly and Northwesterly breezes, fresh to moderate; colder, fair as a whole.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	Northerly and Northwesterly breezes, fresh to moderate; fair as a whole. Colder.
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·02	41	40	W	4	o	3
Sumburgh Head	29·86	43	42	W	5	o	4
Stornoway... ...	30·26	47	46	WNW	5	o	4
Aberdeen	30·25	51	44	WSW	4	beq	2
Shields	30·39	49	45	W	3	cm	2
Malin Head ...	30·54	48	45	WNW	4	bc	3
Blacksod Pt.. ...	30·66	51	48	WNW	3	c	2
Holyhead	30·56	47	45	WNW	2	o	1
Valencia	30·68	51	45	N	3	ow	3
Scilly	30·61	50	47	NNE	4	c	1
Jersey	30·43	52	47	NNE	4	b	3
Portland Bill ...	30·46	59	52	NE	2	bcm	2
Dungeness ...	30·41	50	46	ENE	2	bc	2
London (Westminster)	30·43	55	47	NE	2	bw	*
Yarmouth ...	30·37	48	45	N	3	b	3
Rochefort ...	30·19	52	50	NNW	3	o	*

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

Weather in morning dull on our extreme W^rn. and N^rn. coasts and in Norway, with rain at Christiansund, fine over the greater part of our Islands, the N. of France and central and SE^rn. Europe, dull and rainy in the SW. of France. Cold slight showers later in Scotland and the N. of Ireland and considerable rain in the SW. of France; fine all day over England.

Temperature risen in Scotland and over central Europe. Morning readings highest 64° at Algiers, and ranging from 58° to 50° over the S^rn. and W^rn. shores of the Mediterranean generally; 48° to 40° on the W^rn. coast of France, and the S^rn. and W^rn. coasts of the British Isles, 45° to 42° in Scotland. Lowest (1) 21° to 30° over SE^rn. Europe, 23° to 28° over the N. of Russia; (2) 28° at Loughborough, 35° at Oxford, 38° at Parsonstown. Rising later to between 52° and 50° at many of our N^rn. stations, to between 50° and 59° over the S. of our Islands, and to between 57° and 59° in the W. and S. of France.

Wind (1) light and very variable except at the most northern stations, (anticyclonic NW.^ly and NE.^ly over Ireland, England and France); (2) strong to a gale from SW. and WSW. in the northwest of Norway, light SW.^ly over Finland. SW.^ly gale in Norway spreading later and a W.^ly gale occurring over Caithness and the Moray Firth. Wind over England E. freshening a little from NW.

Barometer Highest (1) 30.6 ins. and more to 30.5 ins. over Ireland, Wales and the Irish Sea, and exceeding 30.2 ins. all over England and the S^rn. half of the North Sea; (2) 30.6 ins. and more to 30.4 ins. over SE^rn. and central Europe. Lowest (1) 29.21 ins. at Bodö and below 29.5 ins. over the N. of Norway generally; (2) 30.2 ins. and less in a shallow depression over the SW. of France. Large disturbance moving SE^wds. off the N. of Scandinavia later its SW^rn. limb just touching the NE. of Scotland. Depression in SW. of France not moving.

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 8 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, 14th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Weather	Hours of Bright Sunshine	Temp. Max	Temp. Min	Rainfall
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda	29.36	17	S	0	b	29.52	+.26	24	22	+ 8	N	4	b	•	b	•	28	10	–
	Hernösand	29.57	29	NW	8	b	29.80	+.29	28	28	0	NW	6	b	•	b	•	36	21	–
	Stockholm	29.48	31	NW	8	c	29.78	+.23	29	25	+ 1	NW	6	o	•	c	•	39	27	0.04
	Wisby	29.45	33	NNW	9	c	29.79	+.27	29	26	0	N	8	c	•	c	•	34	25	0.24
	Karlstad	29.80	29	SSW	8	b	30.01	+.30	25	22	– 5	NNW	8	b	•	b	•	•	•	–
	Bodö	29.73	32	NNW	7	c	29.88	+.41	27	24	– 5	NNW	6	bc	3	s	•	32	25	–
	Christiansund ...	30.13	30	N	8	s	30.19	+.41	30	28	– 5	N	6	c	6	s	•	35	27	0.04
	Skudesnaes ...	30.23	32	NNW	5	b	30.31	+.38	33	33	– 3	N	4	o	3	b,c,b	•	37	30	•
	Færder (X'iania Fjord)	29.94	35	NNW	6	b	30.12	+.57	30	25	– 7	WNW	5	b	3	b	•	41	28	–
	The Scaw (Skagen)	29.97	35	NNW	5	b	30.13	+.54	32	32	– 4	N	5	b	1	b	•	39	32	–
	Fanö	30.11	35	NW	8	b	30.22	+.32	30	28	– 7	NW	4	b	•	b	•	41	30	–
British Islands	Sumburgh Head ...	30.47	35	NNW	4	o	30.33	.00	44	43	+ 10	WNW	3	o	4	o	•	44	30	0.02
	Stornoway	30.67	45	W	4	d	30.58	–.02	47	46	+ 8	NW	5	o	5	c,o,d	2.7	47	37	–
	Wick	30.57	45	N	6	o	30.46	–.02	42	42	+ 6	N	6	c	5	o	•	48	35	0.20
	Nairn	30.65	41	NNW	3	c	30.54	–.02	45	43	+ 6	W	1	c	1	c	•	47	36	0.03
	Aberdeen	30.60	38	NW	6	pq	30.51	+.04	45	43	+ 8	WNW	4	c.q.p	.4	c.q.p	1.5	45	37	0.07
	Leith	30.64	43	WNW	3	c	30.58	+.07	47	44	+ 4	WSW	2	r	•	c	•	51	41	–
	Shields	30.61	40	N	3	bc	30.55	+.10	45	43	+ 4	N	3	o	4	c.bc	•	45	37	–
	Spurn Head ...	30.53	40	N	7	c	30.50	+.11	44	42	+ 2	N	6	*	4	c.q	•	48	38	–
	Loughborough ...	30.63	40	N	3	b	30.60	+.14	40	39	– 4	WNW	2	bw	•	c.bc.b	•	46	31	–
	Malin Head ...	30.81	45	N	4	o.q	30.73	+.06	44	43	0	NNW	4	bc.p	3	c.p.o.q	•	45	43	0.02
	Blacksod Pt. ...																•			
	Donaghadee ...	30.75	45	NNW	6	bq	30.72	+.11	44	43	0	WNW	2	c	3	b.q	•	46	41	0.01
	Liverpool (Bidston)	30.67	41	NNW	4	b	30.65	+.12	43	41	0	WNW	4	bc	4	b	•	46	40	–
	Holyhead	30.70	44	N	7	bq	30.70	+.13	45	43	– 1	NW	6	c	4	b.bq	•	46	41	–
	Parsonstown ...	30.82	47	NNW	2	c	30.83	+.10	43	42	– 2	NW	1	r	•	c	4.4	52	41	–
	Valencia	30.85	49	NNE	3	bc	30.88	+.05	45	43	– 3	N	1	o	3	c.bc	4.5	53	37	–
	Roche's Point ...	30.99	50	N	5	b	30.88	+.14	45	42	– 1	N	4	c	3	b	•	53	41	–
	Pembroke (St. Ann's Hd.)	30.69	44	NE	6	bc	30.75	+.06	45	43	– 1	NW	4	c	3	bc	5.6	49	42	–
	Scilly	30.60	48	NNW	8	bc	30.75	+.14	47	44	– 1	NNE	5	c	2	c.bc	5.4	50	43	–
	Jersey (St. Aubin's) ...	30.56	50	NNW	3	oq	30.70	+.15	43	40	– 4	NNW	2	o.m	2	bc.oq	•	52	40	–
	Portland Bill ...	30.58	46	ENE	2	cm	30.67	+.15	40	38	– 5	N	3	cm	3	bc.cm	•	52	34	–
	Dungeness	30.53	41	NNE	5	c	30.56	+.15	38	35	– 5	WNW	3	c	2	c	•	49	35	–
	London (Brixton) ...	30.57	42	E	5	bc	30.59	+.15	40	38	– 6	NW	1	o	*	o.q.q,b	0.0	46	34	–
	Oxford	30.68	37	N	3	b	30.63	+.15	43	41	– 2	NW	2	o	*	c.b	•	50	34	–
	Yarmouth	30.47	38	NNW	5	c.r.s.q.p	30.48	+.12	40	38	– 2	NW	4	c.m	4	c.r.s.q.p	*	44	35	0.03
France & Netherlands. Germany.	Cuxhaven	30.03	38	NW	8	c	30.21	+.22	35	33	– 2	N	5	b	•	c	•	39	34	0.04
	Berlin	29.91	36	NW	2	b	30.07	+.19	32	29	– 5	NW	4	b	•	b	•	26	30	–
	Wiesbaden	•	•	•	•	•	30.31	+.13	34	32	– 9	NW	3	bc	•	•	•	45	32	0.08
	Munich	30.16	33	W	6	o	30.21	+.01	28	27	– 12	W	5	s	•	o	•	43	27	0.12
	The Helder ...	30.34	39	NNW	6	c	30.37	+.16	38	36	+ 2	N	4	c	5	c	•	44	36	0.04
	Brussels	•	•	•	•	•	30.47	+.13	36	35	– 4	NW	2	o	•	o	•	45	32	0.04
	C. Gris Nez ...	30.48	41	NNE	6	o	30.52	+.16	39	36	– 5	N	5	o	5	o	•	48	36	–
	Paris	30.48	43	N	4	o	30.55	+.13	37	34	+ 1	NNW	4	o	•	o	•	48	34	–
	Brest	30.56	48	N	3	b	30.70	+.13	39	37	– 4	NNE	1	b	1	b	•	52	36	–
	Lorient	30.52	48	NNE	5	o	30.68	+.15	41	40	– 2	N	3	bc	3	o	•	55	39	–
	Eochefort	30.36	52	NE	4	bc	30.51	+.21	40	38	– 5	NE	5	bc	•	bc	•	59	37	–
	Belfort	30.28	39	W	4	o	30.39	+.07	31	29	– 7	WNW	4	c	•	o	•	50	29	–
	Lyons	30.31	48	ESE	2	c	30.40	+.01	31	29	– 12	N	4	b	•	c	•	59	31	?
	Nice	29.90	54	S	0	b	29.86	–.40	45	45	+ 2	S	0	c	1	b	•	63	43	–
	Perpignan	30.26	55	NW	3	b	30.23	–.14	45	39	+ 6	NW	3	bc	•	b	•	63	39	–
	Biarritz	30.34	52	NNW	3	c	30.42	+.14	44	41	– 8	NNE	4	o	3	c	•	59	37	–
Span. Pen.	Corunna																•			
	Lisbon	30.29	61	NE	5	b	30.26	–.02	52	45	– 2	NNE	5	b	•	b	•	66	50	–
	Azores (P. Delgada)	30.27	55	NE	4	o	30.20	–.08	55	53	+ 1	NE	4	c	2	o	•	67	52	0.04

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

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

Bright Sunshine yesterday Southport 9·0 hrs.

WEATHER CHARTS

FOR Wednesday, 14th March, 1900.

BAROMETER, WIND AND SEA.

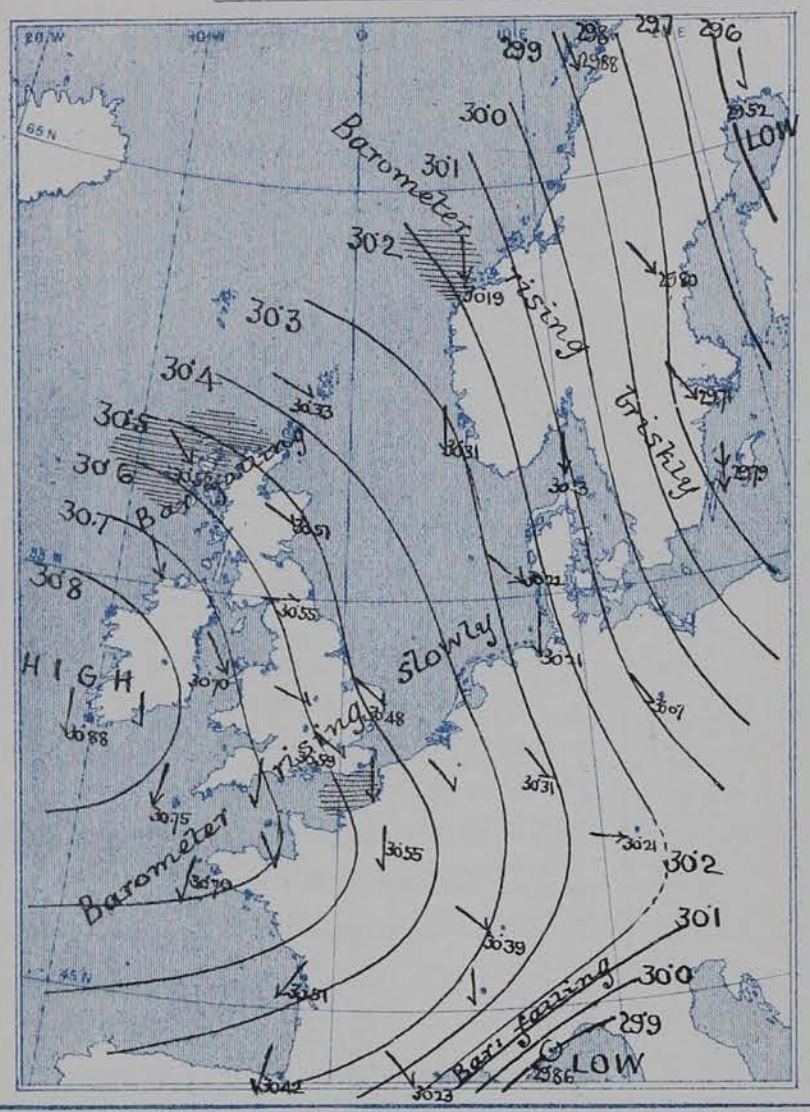
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

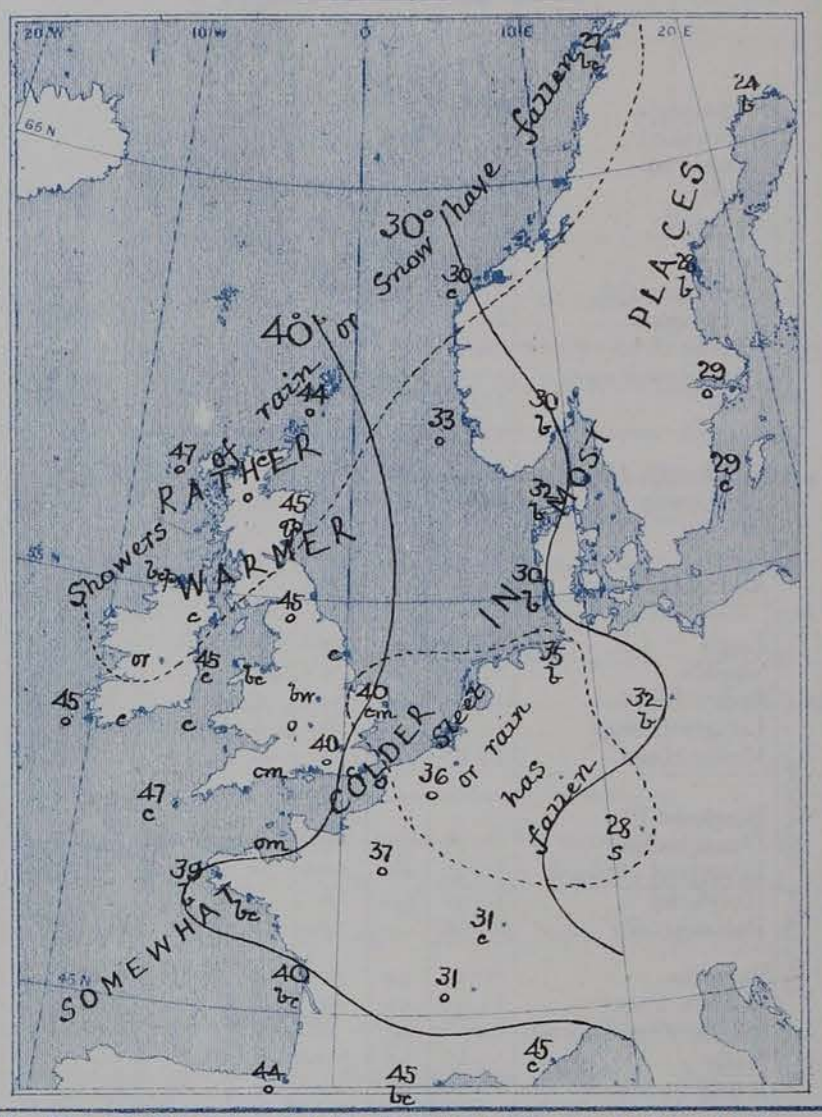


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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, 30·8 in: and upwards in the west and south of Ireland (at Valencia the reading at 10pm yesterday was as high as 30·9 in:) ; 30·3 in: and upwards in an anticyclone covering nearly the whole of Western Europe.
Lowest, 29·6 in: and less in Lapland ; 29·9 in: and less, in a depression over the Gulf of Genoa.
Gradients moderate or slight generally.
Barometer rising over Western Europe as a whole, but falling on our own northern coasts and also in the south of France.

TEMPERATURE

Highest, 47° at Stornoway, Leith, and Scilly, and 45° at Nairn, Aberdeen, Shields, Holyhead, Rocket P^t and Pembroke; (2) 45° at Nice and Perpignan.
Lowest, 24° at Haparanda, 25° at Karlstad, 27° at Bodo, and 28° at Hernösand and Munich ; lowest in our Islands 38° at Aberdeen.
Frost occurred last night over the inland parts of England; at Loughborough the thermometer on the grass fell to 22° and in London to 26°.

WIND

N^E^ or NW^N^ over Western Europe generally ; strong in force on some of the more exposed parts of our northwest, north, and northeast coasts, as well as in Scandinavia, with a gale at Visby and Karlstad.

WEATHER

Fair or fine over the greater part of England, as well as at most of the Continental stations, but snow reported at Munich.
Cloudy and showery in Ireland and Scotland.
Showers fell yesterday in the north and east of our Islands, with sleet at Yarmouth. Rain or snow fell in Germany and in the south of Sweden.

SEA

Moderate or slight generally, but rather rough off the north of Scotland and at Cape Gris Nez, and rough at Christiansund.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fresh fall of the barometer which has commenced on our northern coasts seems to indicate the advance of a secondary depression from the N^W^ The disturbance will probably move southwards or southeastwards over the North Sea, and occasion fresh or strong winds from the NW^N^ or N^W^ and showery weather in most of the northern and eastern districts.

FORECASTS

For the 24 hours ending at NOON on 15^TH^ MARCH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW^N^ and N^W^ winds, strong; squally, showery.
1	SCOTLAND EAST	NW^N^ winds, freshening; cloudy, some showers.
2	ENGLAND N.E.	
3	ENGLAND EAST	NW^N^ winds, moderate; fair at first, some showers later.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos 1 and 2
7	ENGLAND N.W.	
8	ENGLAND S.W.	NW^N^ winds, moderate or fresh; fair generally, but perhaps local showers.
9	IRELAND NORTH	Same as Nos 1 and 2
10	IRELAND SOUTH	Same as No 8
	WARNINGS	NONE ISSUED

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·12	37	34	NNW	10	c	5
Sumburgh Head	30·44	35	32	NNW	4	o	6
Stornoway... ...	30·70	44	40	N	5	o	5
Aberdeen	30·58	39	34	NW	6	cq	5
Shields	30·59	41	36	N	4	c	3
Malin Head ...	30·78	45	41	N	5	c	4
Blacksod Pt.. ...	30·87	49	46	NNW	4	cq	3
Holyhead	30·65	45	42	N	7	b	5
Valencia	30·84	52	48	NNE	4	c	4
Scilly	30·64	49	46	NNW	5	c	2
Jersey	30·53	51	47	NNW	4	bc	3
Portland Bill ...	30·53	51	46	N	3	bc	3
Dungeness ...	30·46	46	? 44	NNE	4	c	3
London (Westminster)	30·53	45	41	N	4	ogq	*
Yarmouth ...	30·42	40	38	NNW	6	c	5
Rochefort ...	30·36	56	52	NNW	3	bc	*

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

Weather in morning very rough and stormy from NW. over Scandinavia, squally from W. in North Germany, and from the S.W. over the Baltic Provinces and Finland; rather rough and squally in our Islands (especially in Scotland), but comparatively fair on our southwest coasts and in France. Rain squalls and snow later over Germany, the Baltic, and Scandinavia, as well as in Scotland and over the North Sea; clearing up over England at night.

Temperature fallen over Scandinavia, Scotland, and France, risen over Ireland and Germany. Morning readings 59° at Algiers and Oran, 57° to 50° over the western and southern shores of the Mediterranean generally; 52° at Biarritz, 48° at Valencia and Scilly, 46° at Blacksod Pt. Holyhead, and in London. Lowest (1) 16° at Haparanda, 26° at Moscow, 31° at St. Petersburg; (2) 24° at Kharkov, 33° over Eastern Germany; (3) 34° to 39° at the Scotch stations. Maxima on our southwest and south coasts above 50°; colder weather in north spreading southwards later – frost over England at night.

Wind (1) very strong to a gale, from NW. over Scandinavia and Scotland; strong from W. over North Germany, moderate from S. on the Eastern shores of the Baltic; fresh to strong and squally over England, light and variable over France. Moderating in our Islands towards night and backing to W. again at Stornoway.

Barometer highest (1) 30·8 in: and more in the west of Ireland and spreading 30·3 in: all over the British Islands and greater part of France; (2) 30·2 in: and more to 30·1 in: over the south of Russia and in Austria. Lowest 29·1 in: and less to 29·3 in: in a depression over the Baltic, and below 30·3 in: in a shallow system over the southwest of France. Rising all over northwestern Europe during day but beginning to fall again at Stornoway 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.

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 March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Baron. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min.	Rainfall
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda	29.62	14	N	2	b	29.36	-.16	7	6	-17	SE	2	0	*	b	*	27	?	-
	Hernösand	29.80	22	W	0	b	29.18	-.62	27	26	-1	S	4	bo	*	b	*	32	19	-
	Stockholm	29.96	25	W	0	b	29.54	-.24	28	28	-1	SSW	2	0	*	b	*	34	23	-
	Wisby	29.95	31	NNW	3	b	29.74	-.05	30	29	+1	SSW	6	0	*	b	*	32	25	-
	Karlstad	30.00	26	W	2	b	29.47	-.54	33	32	+8	SW	2	0	*	b	*	*	*	-
	Bodö	29.11	28	NNW	4	c	28.91	-.97	24	23	-3	E	6	S	2	e	*	34	23	-
	Christiansund ...	29.70	40	WNW	10	r	29.24	-.95	37	35	+7	W	6	r	6	r	*	39	28	0.28
	Skudesnaes ..	30.12	35	SSE	4	r	29.60	-.71	41	34	+8	W	6	fc	3	c,r	*	41	30	*
	Færder (X'iania Fjord)	30.01	34	WSW	4	bc	29.47	-.65	38	37	+8	SW	6	c	3	bc	*	38	30	-
	The Scaw (Skagen)	30.07	31	W	2	c	29.60	-.53	39	39	+7	W	3	m	0	c	*	39	30	0.04
	Fanö	30.20	36	WNW	4	c	29.91	-.31	38	38	+8	WSW	4	r	*	c	*	38	30	0.20
British Islands	Sumburgh Head ...	30.06	45	W	3	o	29.47	-.86	42	40	-2	W	4	bc	4	p.o	*	47	34	0.11
	Stornoway	30.36	48	W	5	o	29.79	-.79	44	41	-3	WNW	5	rq	5	cq,o	2.2	49	41	0.14
	Wick	30.21	42	SSE	7	o	29.63	-.83	43	40	+1	N	7	cu	6	o	*	48	42	0.05
	Nairn	30.35	46	WNW	3	c	29.77	-.77	46	43	+1	W	4	0	2	c	*	51	42	0.02
	Aberdeen	30.35	45	W	3	c	29.77	-.74	50	44	+5	SW	3	bc	2	c	1.0	50	42	0.03
	Leith	30.41	46	W	2	c	29.90	-.68	45	42	-2	WSW	5	0	*	c	*	56	41	-
	Shields	30.42	51	NNW	1	o	30.00	-.55	44	42	-1	WSW	3	0	3	o	*	54	39	-
	Spurn Head ...	30.24	45	NW	2	c	30.07	-.43	44	42	0	W	5	c	3	c	*	49	41	-
	Loughborough ...	30.51	46	W	3	o	30.21	-.39	42	41	+2	W	3	o	*	bc.op	*	53	40	0.01
	Malin Head ...	30.60	45	WNW	4	bcp	30.11	-.62	45	43	+1	W	5	bcp	4	bc p	*	47	43	0.04
	Blacksod Pt... ..																*			
	Donaghadee ...	30.57	46	NW	3	cgp	30.17	-.55	44	43	0	WSW	4	cg	3	cgp	*	49	42	0.04
	Liverpool (Bidston)	30.54	43	W	4	c	30.19	-.46	42	41	-1	WSW	6	r	4	o	*	47	41	0.01
	Holyhead	30.58	45	WNW	3	o	30.26	-.44	44	42	-1	W	6	op	3	bc,o	*	47	42	0.01
	Parsonstown ...	30.61	47	NW	1	o	30.33	-.50	43	41	0	W	1	r	*	o	0.6	48	41	0.01
	Valencia	30.73	47	NNW	3	o	30.43	-.45	44	43	-1	NNW	3	og	4	o	0.8	50	42	0.01
	Roche's Point ...	30.70	48	NNW	3	c	30.38	-.50	44	42	-1	NNW	4	o	3	c	*	49	41	-
	Pembroke (St. Ann's Hd.)	30.61	46	NW	3	c	30.34	-.41	45	43	0	NW	4	cv	3	o,c	0.5	48	43	-
	Scilly	30.65	47	NNW	5	c	30.40	-.35	47	44	0	NNW	4	c	2	c	5.4	49	44	-
	Jersey (St. Aubin's) ...	30.59	48	NW	3	ogm	30.39	-.31	46	43	+3	NNW	2	om	2	c, ogm	*	50	42	-
	Portland Bill ...	30.58	45	N	2	c	30.34	-.33	44	43	+4	NNW	3	o	3	bc.c	*	51	38	-
	Dungeness	30.48	45	N	2	c	30.24	-.32	43	42	+5	NNW	3	c	3	c	*	48	36	-
	London (Brixton) ...	30.51	49	NNW	3	o	30.24	-.35	43	40	+3	W	3	o	*	c.o	0.5	52	40	-
	Oxford	30.51	46	NW	2	o	30.26	-.37	42	40	-1	W	2	o	*	c.o	*	50	41	-
	Yarmouth	30.44	44	NW	4	c	30.12	-.36	42	40	+2	W	3	cm	3	c	*	45	38	-
France & Netherlands. Germany.	Cuxhaven	30.26*	36	NW	3	o	29.99	-.22	39	39	+4	WNW	4	r	*	o	*	39	35	0.08
	Berlin	30.20	33	NW	4	bc	30.10	+.03	30	29	-2	W	3	c	*	bc	*	37	27	-
	Wiesbaden	*	*	*	*	*	30.23	-.08	34	34	0	W	2	S	*	*	*	39	34	0.08
	Munich	30.26	27	W	6	c	30.25	+.04	27	27	-1	W	6	S	*	c	*	32	25	0.08
	The Helder ...	30.37	40	NW	3	o	30.07	-.30	42	42	+4	WSW	2	o	2	o	*	43	37	-
	Brussels	*	*	*	*	*	30.25	-.22	39	39	+3	SW	2	o	*	c	*	42	34	0.04
	C. Gris Nez ...	30.47	43	NNE	3	o	30.24	-.28	43	41	+4	WNW	4	o	4	o	*	46	39	-
	Paris	30.47	42	N	2	o	30.36	-.19	40	39	+3	SW	1	m	*	o	*	44	37	-
	Brest	?	46	N	1	o	30.45	-.25	45	42	+6	N	1	o	1	o	*	52	37	-
	Lorient	30.58	47	NNE	4	c	30.43	-.25	45	43	+4	NNW	2	o	2	c	*	52	39	-
	Rochefort	30.46	46	NE	5	o	30.36	-.15	44	42	+4	NE	3	o	*	bc.o	*	50	40	-
	Belfort ...	30.38	33	W	3	c	30.34	-.05	30	29	-1	WSW	2	m	*	c	*	42	28	-
	Lyons	30.43	37	NW	2	b	30.38	-.02	35	33	+4	N	2	o	*	b	*	43	31	-
	Nice	29.99	49	SE	4	b	30.15	+.29	41	35	-4	E	1	c	4	b	*	59	39	-
	Perpignan	30.25	45	NW	1	b	30.26	+.03	41	35	-4	NW	2	b	*	b	*	51	39	-
	Biarritz	30.41	45	NNE	3	o	30.30	-.12	37	35	-7	E	2	c	2	o	*	?	36	-
Span. Pen.	Corunna																*			
	Lisbon	30.10	56	NNE	5	b	30.01	-.25	47	40	-5	NE	5	bo	*	b	*	64	45	-
	Azores (P. Delgada)	30.15	54	NE	4	c	30.15	-.05	55	52	0	NE	4	c	3	c	*	59	52	0.04

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

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

Bright Sunshine yesterday Southport 5·8 hrs.

WEATHER CHARTS

FOR Thursday, 15th March, 1900.

BAROMETER, WIND AND SEA.

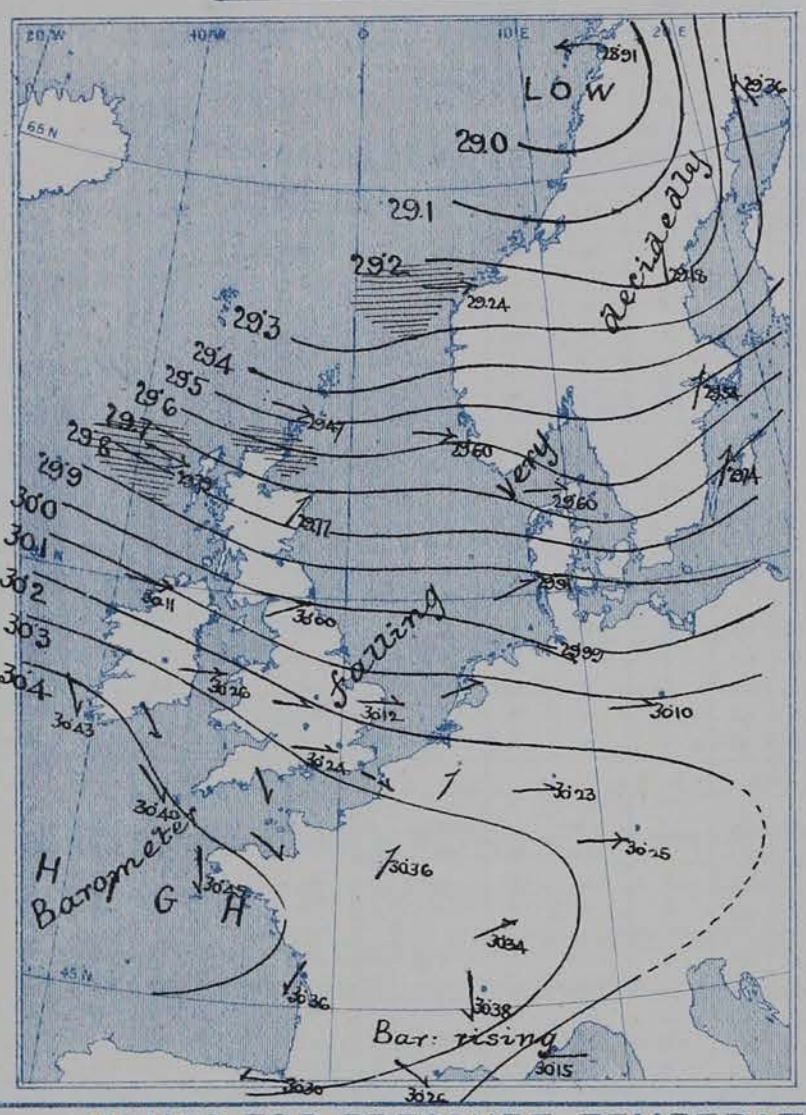
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

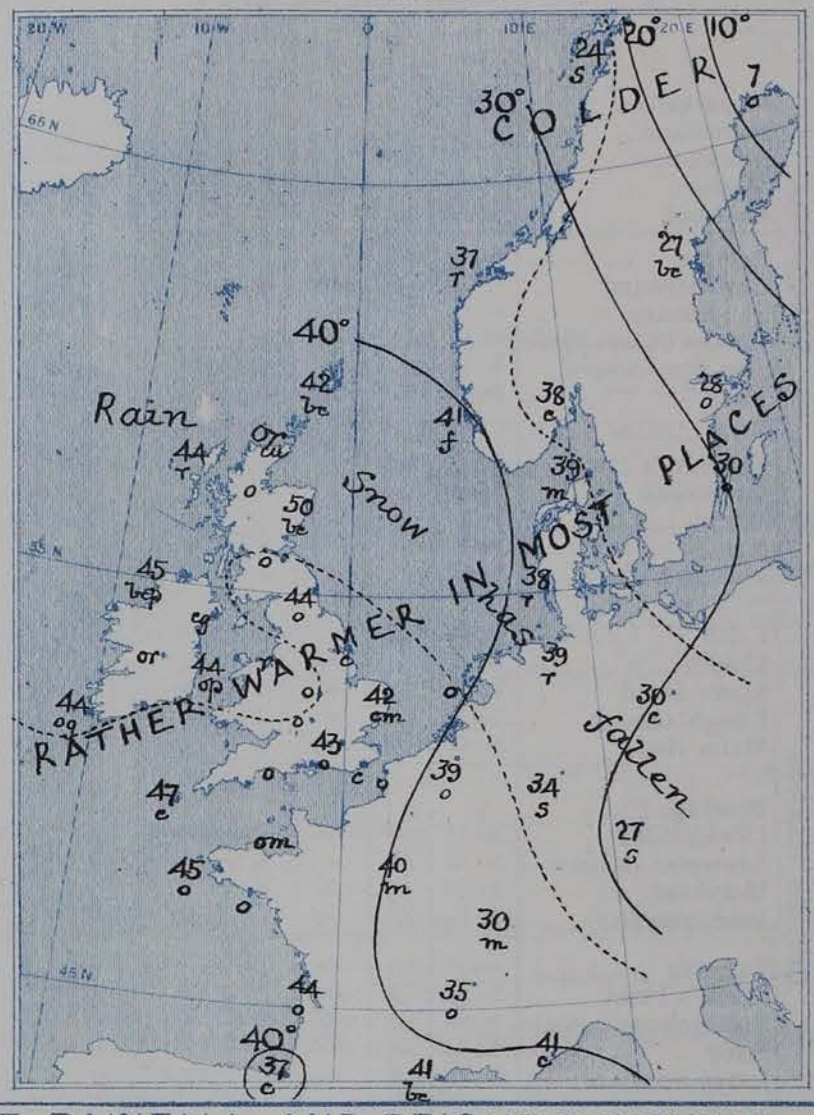


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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 more at Valencia, Scilly, and over Brittany, and exceeding 30·3 in: at all our southwestern stations and over France
Lowest, (1) 28·9 in: at Bodö, and below 29·3 in: over all the northern half of Scandinavia.
Gradients rather steep in the north and east, slight in the southwest and south.
Barometer falling considerably in most places – fast in the north, rising a little in the south of France.

TEMPERATURE

Highest, 45° to 43° at our eastern and southern stations and in the west of France.
Lowest, (1) 7° F. at Haparanda, 24° at Bodö, 28° at Stockholm; (2) 27° at Munich, 30° at Berlin, 39° at Kufstein; (3) 42° at Lemburgh 11h and Liverpool.
The maxima recorded in our Islands yesterday slightly exceeded 50° at a few of our southern and southwestern stations. Over Brittany 52° was recorded and at Nice 59°, but varied from 56° to 50° in the north of England and east of Scotland.

WIND

W. over the greater part of our Islands and strong at many northern stations, E. strong at Bodö.
It is NW. moderate in the southwest and south, SW. to W. and light over France.

WEATHER

Fair in the north of Ireland, dull and showery again over Great Britain, and "bad looking" at Wick. In France it is fair and quiet.
A little rain has fallen generally over our northern and northwestern district and in Denmark and Germany. Lunar halo was seen at Shields.
Bright Sunshine recorded yesterday was considerable at Scilly and Southport, slight at our other stations.

SEA

Still rough on our northern coasts, slight in the south.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer is falling generally and the anticyclone in the west is giving way and moving southwards. There is still a complex depression in the north which threatens our extreme northern coasts with gales. Cloudy weather is probable over England with slight showers, followed by lower temperature tonight.

FORECASTS

For the 24 hours ending at NOON on 16TH MARCH 1900

DISTRICTS.		FORECASTS.
⍋ 0	SCOTLAND NORTH	NW. winds, strong to a gale; squally, showery, colder.
⍋ 1	SCOTLAND EAST	
2	ENGLAND N.E.	W. and NW. winds, fresh; rather squally and showery then colder.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	NW. winds, strong; squally, some slight showers, colder.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	NW. winds, fresh; fair as a whole.
10	IRELAND SOUTH	
	WARNINGS	At 0·50 pm yesterday to districts 0 and 1. "HOIST NORTH CONE".

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·31	37	34	NNW	4	c	2
Sumburgh Head	30·18	45	44	NNW	3	p	4
Stornoway... ...	30·48	49	46	WNW	5	cq	5
Aberdeen	30·42	49	45	W	3	bc	3
Shields	30·48	48	45	NNW	1	c	3
Malin Head ...	30·64	46	44	NW	4	bc	3
Blacksod Pt.. ...							
Holyhead	30·66	47	45	NW	4	bc	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia	30·81	69	45	NW	4	0	4
Scilly	30·71	48	45	N	5	c	2
Jersey	30·65	49	44	WNW	4	c	3
Portland Bill ...	30·61	51	47	N	3	bc	3
Dungeness ...	30·50	47	45	NNE	4	c	2
London (Westminster)	30·53	51	46	NW	4	0 q	*
Yarmouth ...	30·45	44	42	NW	3	c	4
Rochefort ...	30·51	47	44	NE	5	bc	*

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

Weather in morning fair over our Islands and France as a whole, but very cloudy over Great Britain, clear in many parts of Germany and Sweden; unsettled in the north of Russia, and the Baltic, with snow in Finland. Some rain later over Sweden and Germany, and a little in the north and northwest of our Islands. Lunar halo at Shields.

Temperature risen in North Britain and the south of Russia, fallen in most other places. Morning readings still highest 59° to 50° on the southern and western shores of the Mediterranean; 47° to 40° over the greater part of our Islands and the west of France and in Italy; Lowest (1) Below 30° over Finland, Sweden, Lapland, and also in the south of Russia; (2) 28° at Munich, 30° to 34° over Central Europe; (3) 38° at Dungeness, 40° in London and at Yarmouth. Rising later to 56° at Leith and to between 54° and 50° over the northeast of England and the east of Scotland; slightly exceeding 50° at some of our southwestern and southern stations and in Brittany; touching 59° at Nice.

Wind (1) NW? to N? over Scandinavia, the North Sea and the British Islands, blowing hard at some Baltic stations, and strongly in many parts of our Islands; NE? in the southwest of France; (2) a Cyclonic circulation of strong winds (in some places gales) over the Eastern parts of the Mediterranean and the Adriatic. A fresh gale from SW. in the northwest of Norway later.

Barometer highest 30·8 in: and more in the west and south of Ireland and exceeding 30·5 in: almost all over the United Kingdom and the northwestern half of France. Lowest (1) 29·3 in: and less in a depression over Finland; (2) Below 29·8 in: over southeastern Europe, and about 29·84 in: in a secondary "V" over the northeastern part of the Mediterranean. Falling decidedly in our Islands later — most in the north; a new depression approaching the north of Scandinavia from the Atlantic.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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„ Weekly „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Friday, 16th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia.	Haparanda	29.16	22	SE	4	s	29.21	-.15	24	24	+17	E	4	s	•	s	•	34	-8	0.16
	Hernösand	29.04	35	E	0	0	28.98	-.20	32	31	+5	E	0	fog	•	0	•	41	18	0.08
	Stockholm	29.19	38	SSW	2	0	29.15	-.39	37	35	+9	S	4	0	•	0	•	39	21	-
	Wisby	29.32	35	SW	6	0	29.25	-.49	34	33	+4	SSW	6	r	•	0	•	36	23	0.08
	Karlstad	29.12	35	SW	2	b	29.03	-.44	34	32	+1	SW	2	c	•	b	•	•	•	-
	Bodö	29.05	25	E	4	bc	29.08	+.17	25	24	+1	E	5	0	2	bc	•	27	21	-
	Christiansund ...	28.99	34	ENE	2	c	28.94	-.30	33	32	-4	ENE	5	s	5	c	•	37	32	0.12
	Skudesnaes ...	29.15	36	WSW	8	c	28.82	-.78	34	33	-1	WNW	5	c	4	o,c	•	42	34	•
	Færder (X'iania Fjord)	29.12	39	WSW	6	bc	28.97	-.50	35	34	-3	SW	6	bc	3	bc	•	41	32	-
	The Scaw (Skagen)	29.25	39	W	4	0	29.06	-.54	33	33	-6	WSW	8	m	0	0	•	41	32	0.04
	Fanö	29.39	39	WSW	6	0	29.19	-.72	34	33	-4	WSW	4	c	•	0	•	39	34	0.08
British Islands	Sumburgh Head ...	29.05	33	WNW	6	sp	29.27	-.20	34	32	-8	N	4	c	6	sp	•	43	30	0.21
	Stornoway	29.53	35	NNW	5	0	29.55	-.24	32	32	-12	NE	7	os	7	hsq.o	3.1	44	29	0.20
	Wick	29.36	32	NW	6	0	29.38	-.25	36	33	-7	NW	6	0	6	qsp	•	48	30	0.12
	Nairn	29.48	35	WNW	4	0	29.47	-.30	33	32	-13	WNW	6	s	5	0	•	49	29	0.08
	Aberdeen	29.46	36	WNW	7	rsqp	29.39	-.38	32	31	-18	NW	7	ogsq	5	cqrsqp	4.7	51	30	0.15
	Leith	29.56	43	W	4	bc	29.49	-.41	37	32	-8	W	3	c	•	bc	•	53	30	-
	Shields	29.62	45	W	2	c	29.46	-.54	31	30	-13	W	3	b	2	op,c	•	48	29	-
	Spurn Head ...	29.70	44	W	7	c	29.46	-.61	36	35	-8	W	6	bq	4	c	•	46	34	-
	Loughborough ...	29.84	45	WSW	4	0	29.56	-.65	34	32	-8	W	2	c	•	cq,op,c	•	50	33	0.06
	Malin Head ...	29.72	40	NW	6	bcqp	29.62	-.49	38	37	-7	NNE	5	bcsp	5	bcqp	•	46	?	0.04
	Blacksod Pt. ...																•			
	Donaghadee ...	29.76	45	WNW	6	bcqpu	29.61	-.56	37	35	-7	N	5	b	5	bcqp,s	•	49	29	0.11
	Liverpool (Bidston)	29.77	45	WSW	7	0	29.56	-.63	36	33	-6	W	3	bc	3	op	•	46	34	0.11
	Holyhead	29.84	45	WSW	4	op	29.60	-.66	38	35	-6	NW	5	c,p	4	c.op	•	47	35	0.10
	Parsonstown ...	29.94	46	WNW	1	0	29.68	-.65	33	30	-10	W	1	b	*	cqp	1.6	49	30	0.12
	Valencia	30.09	48	W	4	oq	29.80	-.63	39	34	-5	NW	6	cqph	5	cp.oq	2.7	49	35	0.09
	Roche's Point ...	30.08	49	NW	4	bc	29.76	-.62	38	35	-6	NNW	4	bc	3	bc	•	50	36	-
	Pembroke (St. Ann's Hd.)	29.97	45	W	7	c	29.69	-.65	38	35	-7	NW	5	cp	5	o.c	0.4	45	35	0.06
	Scilly	30.11	47	WNW	5	0	29.70	-.70	47	44	0	WNW	6	cp	4	c.o	0.8	49	43	0.04
	Jersey (St. Aubin's) ...	30.13	47	W	4	oqm	29.72	-.67	46	45	0	SW	5	cpm	4	o,rsp	•	49	42	0.03
	Portland Bill ...	30.02	44	WNW	5	c	29.69	-.71	43	41	-1	NW	6	c	5	o.c	•	45	40	-
	Dungeness	29.94	45	W	5	c	29.56	-.68	44	42	+1	WNW	8	c	3	c	•	49	41	-
	London (Brixton) ...	29.91	45	W	3	oq	29.60	-.64	37	36	-6	NW	3	o	•	oq,rq	0.1	50	37	0.06
	Oxford	29.85	42	WSW	3	0	29.59	-.67	38	36	-4	W	3	o	•	c,o,r	•	50	35	0.05
	Yarmouth	29.80	45	W	4	c	29.48	-.64	38	35	-4	NNW	4	cm	3	o,c	•	47	35	0.01
Germany.	Cuxhaven	?	42	WSW	5	o	29.82	-.67	40	39	+1	SW	6	r	•	o,r	•	41	39	0.12
	Berlin	29.80	39	W	3	r	29.54	-.56	39	38	+9	SW	3	o	•	r	•	39	30	0.08
	Wiesbaden	•	•	•	•	•									•	•	•			
	Munich	30.04	33	SW	4	o	29.80	-.45	36	34	+9	SW	4	o	•	o	•	36	27	-
France & Netherlands.	The Helder ...																•			
	Brussels	•	•	•	•	•	29.58	-.67	39	38	0	SW	4	o	•	o	•	46	30	0.04
	C. Gris Nez ...	29.93	47	W	5	o	29.60	-.64	43	42	0	W	6	r	?5	o	•	48	37	-
	Paris	30.08	45	WSW	2	o	29.77	-.59	50	39	+10	SW	3	o	•	o	•	50	40	-
	Brest	30.17	46	NW	2	o	?	?	46	44	+1	W	3	c	3	o	•	48	43	0.04
	Lorient	30.17	46	NW	4	o	29.84	-.59	44	43	-1	W	4	c	4	o	•	52	43	0.04
	Rochefort	30.12	48	NW	3	o	29.92	-.44	46	44	+2	NNW	2	r	•	o	•	54	43	-
	Belfort	30.09	40	W	2	o	29.84	-.50	36	35	+6	WSW	4	o	•	o	•	46	36	-
	Lyons	30.19	41	N	1	bc	29.98	-.40	31	29	-4	SSE	1	c	•	bc	•	45	30	-
	Nice	30.01	47	SW	5	c	29.89	-.26	39	37	-2	E	2	b	1	c	•	54	36	-
	Perpignan	30.08	33	NW	2	b	29.97	-.29	34	33	-7	SW	2	b	•	b	•	66	32	-
	Biarritz	30.12	49	NE	3	b	29.92	-.38	34	33	-3	E	3	b	2	b	•	52	34	-
Span. Pen.	Corunna																•			
	Lisbon	29.82	58	ENE	4	c	29.76	-.25	53	49	+6	NE	5	o	•	c	•	64	47	-
	Azores (P. Delgada)	30.16	55	NE	4	o	30.16	+.01	54	51	-1	ENE	3	o	3	o	•	61	52	-

For Explanation of Columns, see bottom of last page.

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

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

Bright Sunshine yesterday Southport 0·9 *hrs.*

WEATHER CHARTS

FOR Friday, 16th March, 1900.

BAROMETER, WIND AND SEA.

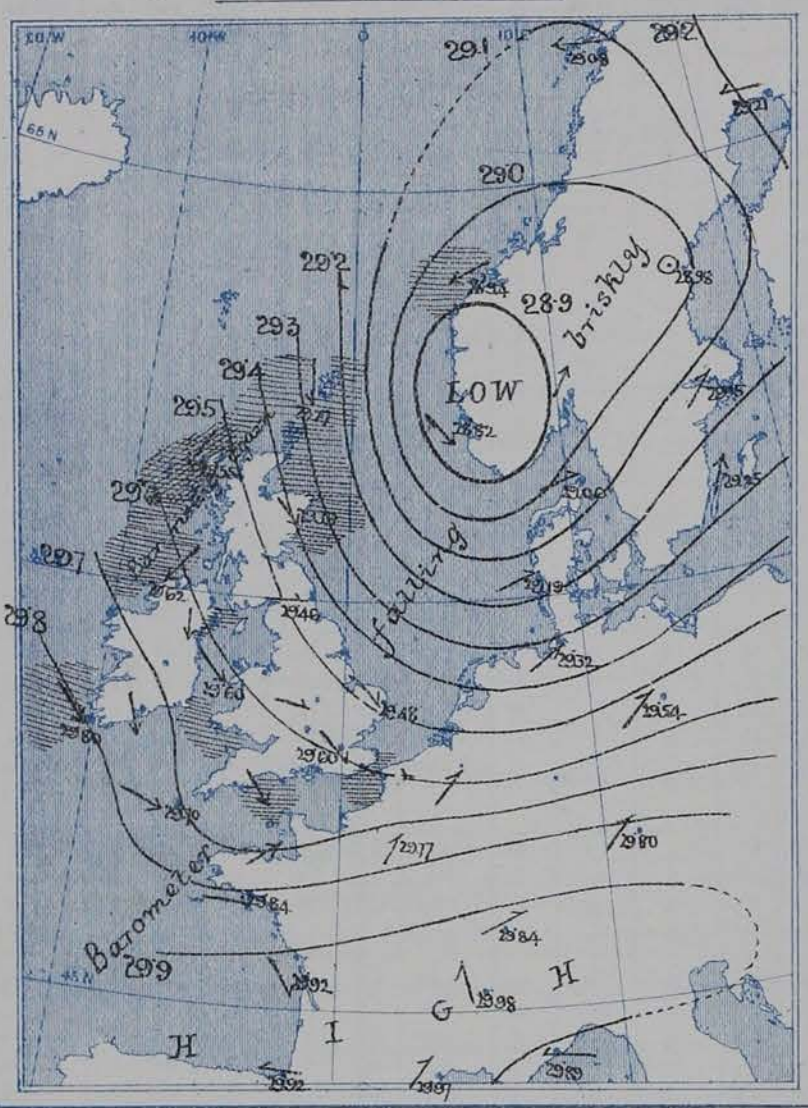
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓


LOW
29·1
29·2
29·3
29·4
29·5
29·6
29·7
29·8
29·9
30
Barometer
Strong
Brisk
29·9
29·8
29·7
29·6
29·5
29·4
29·3
29·2
29·1
29·0
29·2
29·8
29·4
29·7
29·2
29·8
29·7
29·6
29·5
29·4
29·3
29·2
29·1
29·0
29·9

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, (1) 29·9 in: and more over the southern part of France; (2) 29·8 in: at Valencia, and above 29·6 in: all over Ireland, the southwest of England, and the north of France.
Lowest, 28·9 in: and less over the southern parts of Norway, and below 29·0 in: at Haparanda
Gradients steep off the west of Norway and over the North Sea and Denmark.
Barometer still falling except in the northwest where the fall seems to have ceased.

TEMPERATURE

Highest, 47° at Scilly, 46° at Jersey and Rochefort, 44° at Dungeness, 40° at Cherbourg.
Lowest, (1) 24° at Haparanda, 32° at Hernosand, 37° at Stockholm; (2) 32° to 36° over Scotland, 33° at Haparanda, 34° at Loughborough, 37° in London.
It has fallen generally, but the change has been greatest in Scotland and Ireland.

WIND

NW' at the northern and western stations, very strong in Scotland; NW' and W' and moderate over England; W' to SW' in France, SW' to S' over Denmark and the Baltic, E' in Lapland.
A severe gale from NW. was felt in the north of Scotland yesterday, and a moderate gale from W. and NW. on many parts of the English coasts and in the north of Ireland.

WEATHER

Still squally and showery in Scotland (snow in places) fair over Ireland, cloudy more or less, over England, with cold showers on our western coasts.
Rain and sleet fell generally yesterday or in the night, but the amounts measured are not large.
Bright Sunshine recorded yesterday was 3·1 hrs at Stornoway, 4·7 hrs at Aberdeen, 2·7 hrs at Valencia. Over England it was slight.

SEA

Very rough in the north, rough in the west, moderate in the south.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer is now likely to rise in the northwest and later on over Scotland and England. The wind will moderate, and the night be clear and very cold over England.

FORECASTS

For the 24 hours ending at NOON on 17TH MARCH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW¼ and N¼ winds, moderating; cold, a few cold showers.
1	SCOTLAND EAST	
⚠ 2	ENGLAND N.E.	
3	ENGLAND EAST	W¼ to N¼ winds, moderate; a few cold showers, then finer. Frost tonight.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos 0 to 2.
⚠ 7	ENGLAND N.W.	
8	ENGLAND S.W.	NW¼ winds, strong; cold, slight showers.
⚠ 9	IRELAND NORTH	N¼ winds, moderate; cold. Frost inland tonight.
10	IRELAND SOUTH	
	WARNINGS	At 3·40 pm yesterday to districts 2, 7, and 9 "Hoist North Cone".

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.33	42	41	W	6	o	3
Sumburgh Head	29.11	34	33	WNW	6	s	6
Stornoway... ...	29.63	40	38	NW	8	c	8
Aberdeen	29.54	48	41	W	7	cqu	3
Shields	29.76	47	45	WSW	3	ou	3
Malin Head ...	29.67	45	42	NW	6	bc	6
Blacksod Pt.. ...	30.07	48	47	WNW	4	c qp	4
Holyhead	30.00	47	44	WSW	5	c	4
Valencia	30.24	48	45	W	4	cp	5
Scilly	30.26	48	45	NW	5	c	2
Jersey	30.23	48	44	WNW	3	o	3
Portland Bill ...	30.16	45	43	WNW	3	o	3
Dungeness ...	30.06	47	45	W	5	c	3
London (Westminster)	30.02	50	45	W	4	og	*
Yarmouth ...	29.89	47	43	W	4	o	3
Rochefort ...	30.28	52	47	NW	2	0	*

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

Weather in morning unsettled over northwestern Europe generally, with some rain in many places, and an angry threatening appearance in the north of Scotland: fair over Russia, central and southern Europe, rather unsettled in the southeast, with snow at Hermannstadt. Rain and sleet showers later in almost all part of our Islands and their neighbourhood, especially towards night. Amounts not large the maximum amounts reported being 0·2 in: in the north of Scotland.

Temperature changing fitfully, a singular rise reported in the east of Scotland and a decided rise in Norway. Morning readings highest 57° to 50° a the southern shores of the Mediterranean, 47° to 44° in the west of France and over the greater part of the British Isles, 42° at the Helder, 50° at Aberdeen. Falling fast in Scotland later and only touching 50° at a few of our southern stations. Maxima 52° at Biarritz, 54° at Rochefort.

Wind (1) fresh to strong from W and NW. in Scotland, from W. and SW. in Norway, from S. in Sweden, and from E. in Lapland; (2) Moderate to fresh from W. and NW. over England and Ireland, light and variable over France, Germany and the Mediterranean, very strong from NW. and W over the Adriatic. Blowing a severe gale from NW. later over the north of Scotland, and a moderate gale at several of the English stations; a strong breeze over the south of England.

Barometer highest 30·43 in: in the south of Ireland, 30·45 in: to 30·4 in: over Brittany and the Central France, and exceeding 30·2 in: over the greater part of Ireland, Wales, France, and Central Germany. Lowest 28·91 in: at Bodö, and below 29·2 in: over the northern part of Scandinavia generally; (2) 29·5 in: and less in another depression over the Bosphorus, and below 29·7 in: over Turkey and the Black Sea. New depression coming southeastwards towards Norway later, and barometer falling fast all over our Islands and northwestern 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 Saturday, 17th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday	Wind. Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min	Rainfall
		Ins.	°				Ins.	Ins.	°											Ins.
Scandinavia	Haparanda	29.26	33	SE	6	S	29.37	+.16	32	32	+ 8	SSE	6	S	•	S	•	34	21	0.24
	Hernösand	29.08	33	S	2	c	29.17	+.19	32	31	0	S	2	o	•	c	•	36	28	0.16
	Stockholm	29.12	34	S	2	S	29.19	+.04	34	33	- 3	S	2	bc	•	S	•	37	32	0.08
	Wisby	29.23	33	S	4	o	29.29	+.04	34	33	0	SSW	6	c	•	o	•	37	30	0.12
	Karlstad	28.99	32	SSW	2	o	29.00	-.03	32	31	- 2	SSW	2	o	•	o,s	•	•	•	0.12
	Bodö	29.09	28	E	4	o	29.01	-.07	30	27	+ 5	E	4	c	1	o	•	30	23	-
	Christiansund ...	29.04	31	ENE	2	S	29.04	+.10	33	31	0	E	0	c	3	S	•	36	30	0.24
	Skudesnaes ...	29.04	34	NNW	8	c	29.19	+.37	32	31	- 2	NNW	6	c	3	c	•	38	32	•
	Færder (Christiania Fjord)	28.86	34	S	2	o	29.04	+.07	31	28	- 4	NNW	4	bc	3	o	•	36	30	-
	The Scaw (Skagen)	28.91	35	NNW	3	c	29.08	+.02	32	31	- 1	NNW	4	S	1	c	•	37	30	0.04
	Fanö	29.21	37	W	6	b	29.33	+.14	35	33	+ 1	NNW	4	b	•	b	•	39	34	-
British Islands	Sumburgh Head ...	29.38	30	N	4	osp	29.38	+.11	28	26	- 6	N	2	bc	4	osp	•	35	25	0.07
	Stornoway	29.62	31	NNE	6	o	29.54	-.01	28	27	- 4	N	4	o	4	c.o	4.8	35	25	0.10
	Wick	29.40	32	NE	6	S	29.45	+.07	27	27	- 9	N	3	ou	4	rs	•	37	21	0.25
	Nairn	29.53	31	NNW	4	c	29.52	+.05	29	29	- 4	N	1	o	2	o	•	36	25	0.08
	Aberdeen	29.45	30	NW	5	bcq	29.48	+.09	28	27	- 4	NW	3	csp	4	cq,bcq	1.4	35	25	0.35
	Leith	29.53	34	NNW	3	o	29.50	+.01	31	29	- 6	NNW	3	c	•	o	•	44	27	0.08
	Shields	29.52	33	NNE	2	s	29.40	-.06	32	32	+ 1	NNE	3	s	4	c.s	•	43	26	0.03
	Spurn Head ...	29.48	38	NNW	4	b	29.46	.00	32	32	- 4	W	4	bc	4	b	•	43	31	-
	Loughborough ...	29.53	39	NW	3	b	29.52	-.04	27	26	- 7	NNW	1	b	•	bc.c.sb	•	46	23	0.01
	Malin Head ...	29.66	36	NNE	5	bcqh	29.57	-.05	32	30	- 6	SW	2	bc	2	bchq.s	•	38	30	0.15
	Blacksod Pt.. ...																•			
	Donaghadee ...	29.60	37	N	4	csp	29.55	-.06	32	31	- 5	WSW	2	chp	3	csp	•	41	27	0.09
	Liverpool (Bidston)	29.57	35	NW	4	c	29.51	-.05	33	32	- 3	NNW	1	bc	3	bc,tlh	•	42	30	0.03
	Holyhead	29.60	37	NNW	5	bcrshp	29.53	-.07	30	34	- 2	NNW	5	csp	4	bc,rshp	•	41	31	0.05
	Parsonstown ...	29.73	34	NW	1	b	29.65	-.03	26	26	- 7	W	1	o	•	b,sh	5.6	42	23	-
	Valencia	29.82	37	N	2	crsp	29.69	-.11	31	31	- 8	N	1	sq	3	bcrsp	5.7	42	29	0.11
	Roche's Point ...	29.74	42	N	5	b	29.67	-.09	33	31	- 5	N	3	crsp	3	sq,b	•	43	32	-
	Pembroke (St. Ann's Hd.)	29.64	36	N	2	bc	29.61	-.08	36	32	- 2	N	4	bc	3	bc	?	41	33	-
	Scilly	29.65	43	NNW	5	c	29.62	-.08	37	34	- 10	NNE	2	csp	2	c	3.3	49	32	0.01
	Jersey (St. Aubin's) ...	29.62	44	WNW	4	o	29.57	-.15	37	34	- 9	WNW	3	cs	3	cp.s	•	50	33	0.28
	Portland Bill ...	29.59	37	N	5	cq	29.57	-.06	35	33	- 8	N	4	b	4	o,cq	•	43	31	-
	Dungeness	29.53	39	NNW	2	o	29.49	-.07	30	28	- 14	NNW	2	bc	2	o	•	47	27	-
	London (Brixton) ...	29.54	38	NW	3	b	29.52	-.08	30	29	- 7	NNW	1	bcsp	•	c.b	0.7	44	27	-
	Oxford	29.57	35	N	1	bc	29.54	-.05	30	29	- 8	NW	1	c	•	bc.s	•	44	28	0.01
	Yarmouth	29.47	41	WNW	3	bc	29.45	-.03	31	30	- 7	WNW	4	bm	4	bc	•	44	28	-
France & Netherlands. Germany.	Cuxhaven	29.28	38	W	7	c	29.41	+.09	34	?	- 6	SW	1	b	•	c	•	41	32	0.08
	Berlin	29.45	35	WSW	2	s	29.52	-.02	34	33	- 5	SW	2	c	•	s	•	46	32	0.08
	Wiesbaden	•	•	•	•	•	29.46		34	33		NNW	1	s	•	•	•	45	34	0.16
	Munich	29.66	37	SW	3	o	29.54	-.26	33	32	- 3	SSE	4	b	•	o	•	43	32	-
	The Helder ...	29.44	37	NNW	5	c	29.45		33	33		E	0	c	2	c	•	41	32	0.28
	Brussels	•	•	•	•	•	29.50	-.08	32	32	- 7	WSW	1	o	•	o	•	44	31	0.16
	C. Gris Nez ...	29.56	39	NW	2	m	29.48	-.12	36	35	- 7	NNE	3	o	3	m	•	46	34	-
	Paris	29.59	43	NNW	2	r	29.51	-.26	34	33	- 16	NW	2	o	•	r	•	50	33	0.16
	Brest	29.64	42	NW	4	r	29.63	?	36	34	- 10	N	2	bc	2	r	•	52	32	0.12
	Lorient	29.61	48	NW	4	b	29.61	-.23	37	35	- 7	N	4	b	2	o	•	54	36	-
	Rochefort	29.69	48	NNW	4	o	29.57	-.35	39	37	- 7	NE	4	o	•	o	•	50	37	0.16
	Belfort	29.67	38	WSW	4	o	29.48	-.36	36	32	0	WSW	3	c	•	o	•	44	33	-
	Lyons	?	43	NE	1	bc	29.56	-.42	37	35	+ 6	E	0	o	•	bc	•	53	31	-
	Nice	29.73	46	SW	2	b	29.55	-.34	44	41	+ 5	E	5	r	4	b	•	55	39	-
	Perpignan	29.72	48	NE	2	c	29.53	-.44	46	44	+ 12	NW	1	o	•	c	•	56	34	-
	Biarritz	29.75	51	N	3	b	29.54	-.38	46	43	+ 12	N	3	o	2	b	•	54	34	-
Span. Pen.	Coruinna																•			
	Lisbon	29.76	55	N	3	bc	29.79	+.03	49	48	- 4	NW	4	r	•	bc	•	59	48	-
	Azores (P. Delgada)	30.24	54	ENE	3	c	30.26	+.10	51	49	- 3	NE	3	c	2	c	•	59	48	-

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

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

Bright Sunshine yesterday Southport 8.5 hrs.

WEATHER CHARTS

FOR Saturday, 17th March, 1900.

BAROMETER, WIND AND SEA.

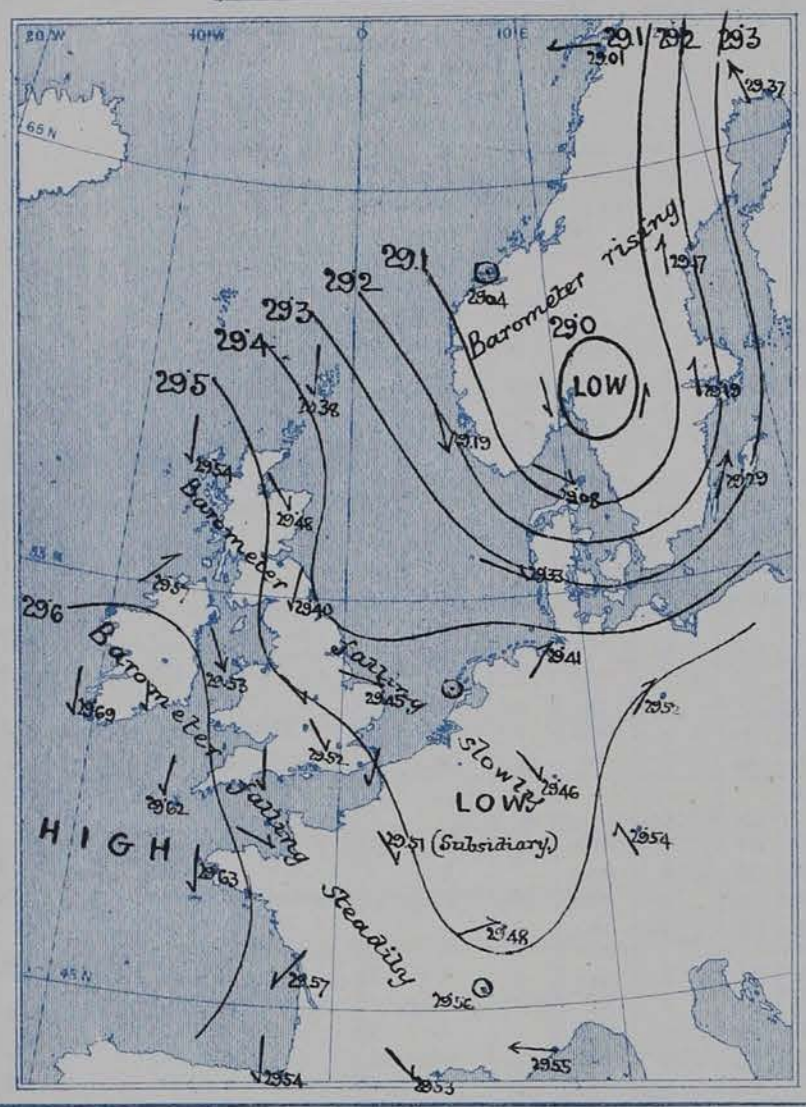
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

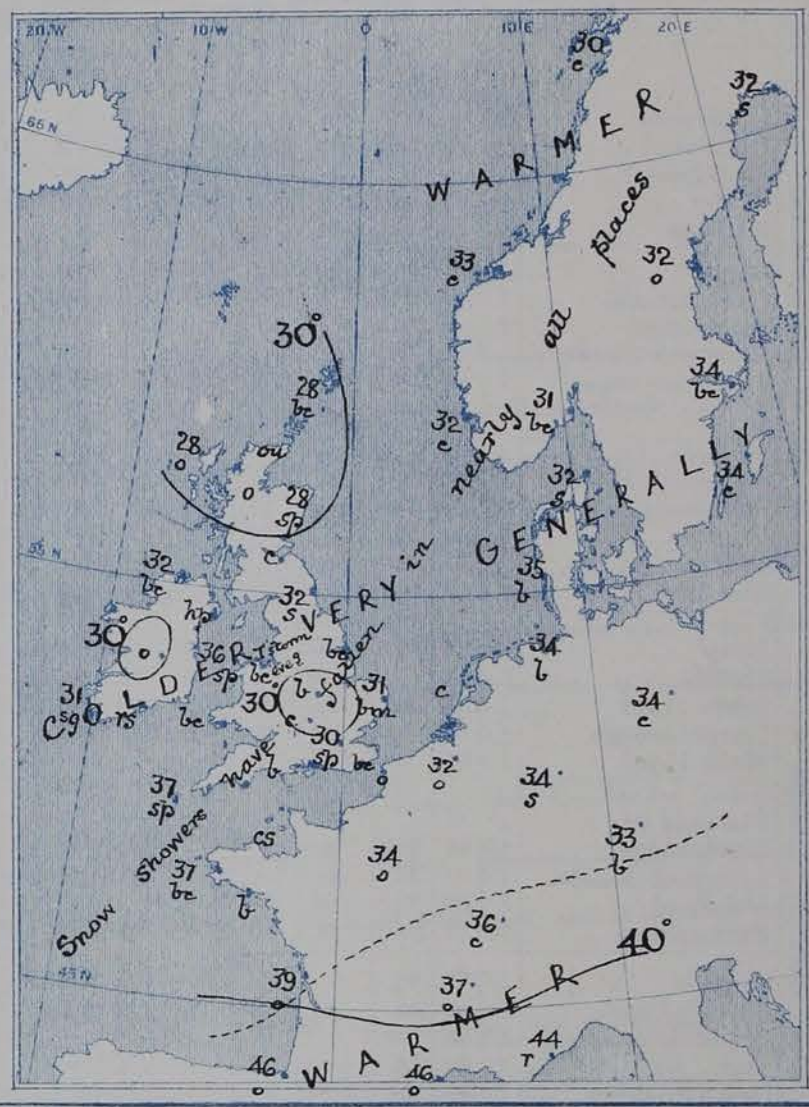


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871–95. (*Inches.*)	TEMPERATURE OF AIR. 1871–95. Means of Dry Bulb 8 a.m. °	Means of Wet Bulb 8 a.m °	Means of Daily Maximum. °	Means of Daily Minimum. °	Absolute Extremes. Maximum. °	Years.	Minimum. °	Years.	RAINFALL Means, 1866—95. (*Inches.*)	BRIGHT SUNSHINE, Means, 1881—95. Hours.	Per cent. of possible.
Sumburgh Head	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	--	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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, 29·6 in: and more to 29·5 in: over Ireland, the western parts of Scotland and England and the west of France.
Lowest, 29·0 in: and less, to 29·1 in: over the central parts of Norway and Sweden.
Gradients slight over our Islands and France, variable and decreasing over Scandinavia.
Barometer rising in Scandinavia, falling at the southern and western stations.

TEMPERATURE

Highest, 46° to 44° in the south and southwest of France, 37° at Brest and Scilly, 35° at Portland Bill.
Lowest, (1) 32° to 30° over Sweden and Norway; (2) 26° at Parsonstown, 30° in London, 32° along our east coast, 34° at Berlin and Paris.
A very sharp frost occurred at our inland stations in the night, the following being the minima recorded on the grass Loughborough 17°, London 19°, Oxford 17°.

WIND

Light generally in force – chiefly N. to NW. over our Islands, France, and the North Sea, S. (and rather stronger) in Sweden.
At Malin Head it has backed to SW. again
The gales and squalls recently noted have all died down.

WEATHER

Very variable, clear in some places, cloudy in others, with very slight cold showers in some localities. It is not at all settled anywhere.
The cold showers have occurred very generally over Great Britain, the north of France and in Scandinavia.
Bright Sunshine recorded yesterday amounted to nearly 6 hours in Ireland, and to 5 hrs at Stornoway. In the south east of England there was hardly any.

SEA

Moderate and decreasing in the north, northwest, and east, slight in the south.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over Scandinavia is filling up, the high-pressure area in the southwest is giving way greatly, and in the extreme northwest the backing wind at Malin Head points to the advance of some new disturbance to our coasts from the Atlantic.

FORECASTS

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

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	N. and NW. winds, light, cold; shifting to SW. later, milder and rainy, unsettled.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Wind becoming SW. for a time; air milder and weather rainy, unsettled.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	28.97	38	34	NNW	8	c	4
Sumburgh Head	29.32	31	31	N	3	S	6
Stornoway... ...	29.62	34	33	NNE	4	c	1
Aberdeen	29.45	34	31	NW	5	cq	4
Shields	29.46	41	35	NNW	3	c	2
Malin Head ...	29.64	36	33	NNE	5	bc	5
Blacksod Pt.. ...	29.77	38	35	NNW	5	bqhp	5
Holyhead	29.61	41	39	NNW	4	bc	3
Valencia	29.79	40	35	NNE	6	bqsp	b
Scilly	29.67	48	45	NNW	4	c	3
Jersey	29.67	48	44	WNW	5	c	4
Portland Bill ...	29.65	42	37	NW	4	o	4
Dungeness ...	29.55	45	38	NW	3	o	3
London (Westminster)	29.66	44	38	NNW	3	bc	*
Yarmouth ...	29.46	44	37	NW	4	bc	4
Rochefort ...	29.81	50	48	SW	3	p	*

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

Weather in morning rough and unsettled over the northwestern and northern countries generally with showers of snow at many northern stations, hail and rain in the west, rain on some part of the French coast. Cold rain and snow falling later in the regions referred to, but brightening at times at our western stations, fair over southern Europe.

Temperature risen over Russia and Central Europe, fallen over Norway, the British Islands and northwest of France. Morning readings highest 58° to 59° on the southern and western shores of the Mediterranean, 47° at Scilly, 46° at Rochefort and Jersey, 44° at Dungeness. Falling later over our Islands and the North Sea, sharp frost at night over our inland counties and in Scotland; grass minimum 17° at Loughborough.

Wind (1) light and variable over southern Europe; stormy to a gale from NW in Scotland, strong and squally from NW. and W. over England, from SW. on the eastern shores of the North Sea, from S. over the Baltic and Finland; SW moderate over Central Europe. Moderating greatly over our Islands later; gales all dying down.

Barometer highest (1) 30·16 in: in the Azores and 29·8 in: at Valencia (Ireland), (2) 30·1 in: to 29·9 in: over the Mediterranean and southern Europe; (3) 30·0 in: to 29·9 in: over Central Russia. Lowest 28·8 in: and less. in a depression over Scandinavia; 29·6 in: and less. in another over the south of Russia, and (3) below 29·9 in: in a very shallow system over the south of France. Falling later all over Western Europe but beginning to rise in the far north; Scandinavian depression beginning to fill up.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

DAILY WEATHER REPORT

for 8 a.m. on Sunday 18th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda	29.54	29	SSE	4	o	29.91	+.54	32	32	0	SW	6	o	•	o	•	34	27	0.16
	Hernösand	29.37	33	S	2	o	29.90	+.73	28	26	−4	S	2	b	•	o	•	34	27	004
	Stockholm	29.62	33	S	2	b	29.95	+.76	34	32	0	SE	2	s	•	b	•	39	28	—
	Wisby	29.74	33	SSW	4	c	29.87	+.58	35	34	+1	SSE	4	o	•	c	•	36	30	0.04
	Karlstad	29.53	31	SSW	4	s	29.88	+.88	26	25	−6	ENE	2	bc	•	s	•	•	•	—
	Bodö	29.33	33	E	2	c	29.64	+.63	34	32	+4	SW	4	o	2	c	•	34	27	—
	Christiansund ...	29.21	34	ENE	2	c	29.65	+.61	33	31	0	ENE	4	s	4	c	•	36	27	0.02
	Skudesnaes ...	29.48	33	W	2	bc	29.73	+.54	32	31	0	E	4	b	2	bc	•	35	30	•
	Færder (X'tiania Fjord)	29.47	34	WSW	4	b	29.79	+.75	32	32	+1	E	2	m	2	b	•	34	31	—
	The Scaw (Skagen)	29.55	32	W	1	b	29.76	+.68	35	35	+3	ESE	1	bc	0	b	•	36	30	—
	Fanö	29.58	33	NE	1	b	29.65	+.32	34	33	−1	E	2	c	•	b	•	39	32	—
British Islands	Sumburgh Head ...																•			
	Stornoway	29.47	28	N	3	o	29.47	−.07	23	23	−5	NW	3	s	3	c.o	5.2	36	18	0.03
	Wick	29.45	20	N	2	c	29.53	+.08	32	32	+5	S	2	bc	3	c	•	32	10	0.05
	Nairn	29.48	31	NW	1	c	29.54	+.02	19	19	−10	W	1	b	1	c.s	•	37	13	0.01
	Aberdeen	29.50	29	NW	1	b	29.55	+.07	17	16	−11	ENE	3	cs	4	bc.b	8.0	33	11	0.01
	Leith	29.48	34	L	0	bc	29.50	.00	35	32	+4	SSE	1	bc	•	bc	•	41	27	—
	Shields	29.50	32	NNE	2	csp	29.49	+.09	27	27	−5	W	2	bm	4	o, sp	•	35	22	0.16
	Spurn Head ...	29.44	35	SW	3	b	29.52	+.06	33	32	+1	S	2	b	4	b	•	44	29	—
	Loughborough ...	29.49	34	NE	1	s	29.52	.00	30	28	+3	SSE	2	c	•	bc, c, s, o	•	41	27	0.01
	Malin Head ...	29.47	33	ESE	2	csp	29.36	−.21	30	29	−2	SSE	2	b	2	c csp	•	34	27	—
	Blacksod Pt. ...	29.50	32	NW	3	csp	29.21	−.43	34	33	+2	E	3	cq	5	bc sh, csp	•	36	26	0.16
	Donaghadee ...	29.49	37	NE	1	c	29.39	−.16	36	35	+4	ESE	5	csp	5	sp, c, r	•	38	27	0.03
	Liverpool (Bidston)	29.51	33	WNW	1	b	29.46	−.05	27	26	−6	E	3	o	?	b	•	37	25	0.05
	Holyhead	29.52	34	N	1	csp	29.40	−.13	33	32	−3	E	2	c	1	c. sp	•	36	28	0.15
	Parsonstown ...	29.49	35	NNW	1	c	29.21	−.44	33	32	+7	SE	1	s	•	c, r	4.9	41	22	0.02
	Valencia	29.55	35	N	1	bc	29.07	−.62	41	36	+10	WSW	7	c	6	bc sp, bc, st	5.4	48	30	0.42
	Roche's Point ...	29.46	39	NNW	3	b	29.18	−.49	36	34	+3	W	2	bc sp	3	b	•	41	32	0.10
	Pembroke (St. Ann's Hd.)	29.55	36	NNW	3	bc	29.29	−.32	37	35	+1	SSE	7	cq	5	bc, s	9.3	38	31	0.08
	Scilly	29.55	40	NW	3	csp	29.25	−.37	39	38	+2	W	3	sp	3	c, csp	6.9	46	34	0.24
	Jersey (St. Aubin's) ...	29.58	40	W	4	bc	29.53	−.04	39	35	+2	SSE	3	c	3	sh, bc, s	•	44	33	0.05
	Portland Bill ...	29.54	38	NNW	3	cq	29.47	−.10	37	36	+2	SSE	4	c	3	sp, cq	•	42	28	0.01
	Dungeness	29.50	36	ENE	2	c	29.56	+.07	35	32	+5	SW	2	bc	2	c	•	46	25	—
	London (Brixton) ...	29.51	34	L	0	m	29.52	.00	37	33	+7	SE	1	b	•	em		40	23	—
	Oxford	29.53	31	WSW	2	b	29.51	−.03	29	28	−1	SE	1	b	•	b	•	41	25	—
	Yarmouth	29.47	35	SE	2	c	29.54	+.09	30	29	−1	SW	2	bm	3	s, c	•	38	27	0.03
France & Netherlands. Germany	Cuxhaven	29.50	34	S	1	o	29.60	+.19	33	33	−1	L	0	c	•	o	•	36	30	0.04
	Berlin	29.54	37	E	2	o	29.51	−.01	37	36	+3	E	2	r	•	o	•	39	34	0.04
	Wiesbaden	•	•	•	•	•	29.57	+.11	35	33	+1	NNW	2	o	•	•	•	37	34	0.16
	Munich	29.44	41	SE	2	o	29.44	−.10	33	33	0	W	4	s	•	o	•	46	33	0.08
	The Helder ...																•			
	Brussels	•	•	•	•	•	29.64	+.14	28	27	−4	L	0	f	•	b	•	40	24	—
	C. Gris Nez ...	29.51	33	N	2	s	29.58	+.10	29	27	−7	SW	2	bc	2	s	•	43	27	—
	Paris	29.56	33	NE	2	bc	29.64	+.13	29	27	−7	SSW	2	m	•	bc	•	45	24	—
	Brest	29.61	40	WNW	1	c	29.48	−.15	41	39	+5	SSE	3	c	3	c	•	48	36	0.12
	Lorient	29.62	41	WNW	1	o	29.55	−.06	39	38	+2	SW	3	bc	2	o	•	52	32	0.08
	Rochefort	29.62	43	NNW	4	b	29.63	+.06	37	36	−2	SE	3	r	•	b	•	48	32	0.28
	Belfort	29.43	37	SW	2	o	29.60	+.12	31	30	−5	WSW	3	m	•	o	•	45	30	—
	Lyons	29.70	41	NW	3	o	29.70	+.14	34	30	−3	N	1	o	•	o	•	53	34	—
	Nice	29.35	40	E	5	r	29.29	−.26	44	40	0	L	0	c	3	r	•	46	37	0.83
	Perpignan	29.49	58	NW	4	r	29.67	+.14	40	35	−6	NW	5	b	•	r	•	58	38	0.04
	Biarritz	29.43	46	NNW	5	c	29.69	+.15	41	40	−5	WSW	6	rh	4	c	•	48	36	0.87
Span. Pen.	Corunna	29.80	49	N	6	o	29.82	+.09	45	42	−5	SW	3	o	5	o	•	50	?	—
	Lisbon	29.96	48	NNW	4	b	30.05	+.26	48	45	−1	W	2	b	•	b	•	55	45	0.04
	Azores (P. Delgada)	30.21	59	NNE	3	o	30.09	−.17	50	49	−1	NE	3	o	3	o	•	61	48	—

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

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

Bright Sunshine yesterday Southport 6.5 *hrs.*

WEATHER CHARTS

FOR Sunday, 18th March, 1900.

BAROMETER, WIND AND SEA.

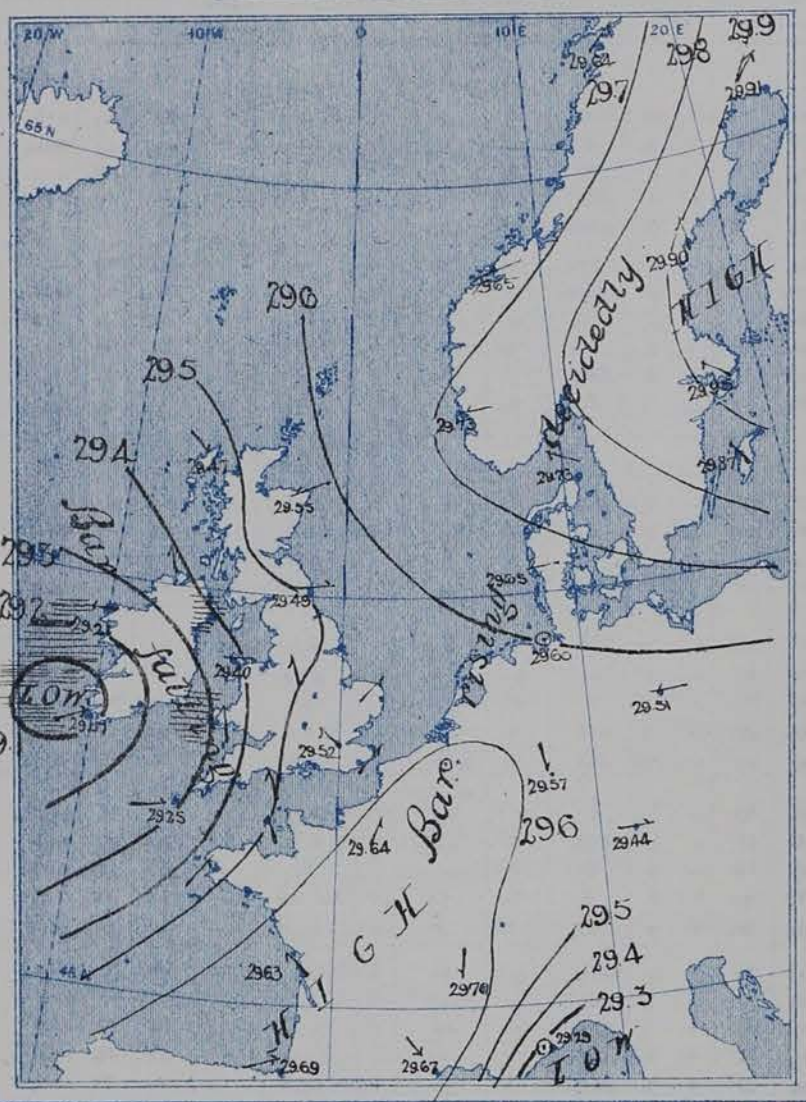
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

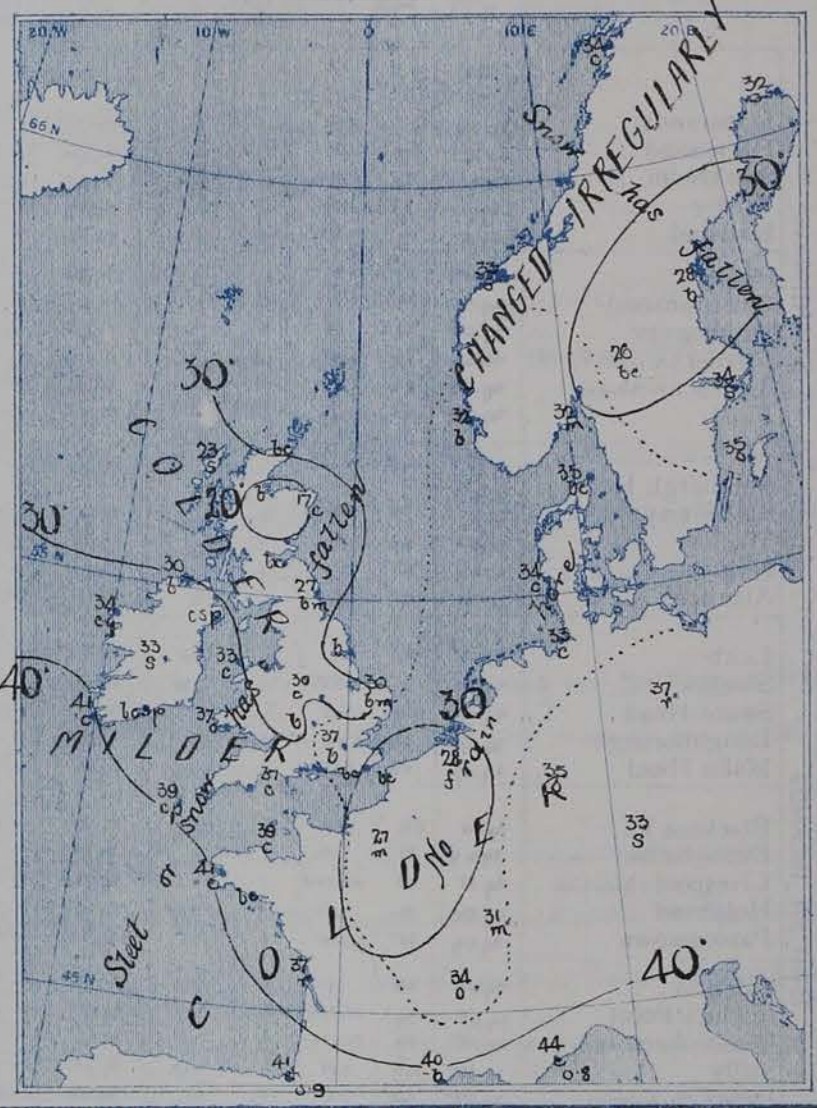


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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) 29·95 in: to 29·8 in: over Sweden, and exceeding 29·6 in: all over Scandinavia and the eastern shores of the North Sea; (2) 30·0 in: to 29·7 in: over the Iberian Peninsula, and 29·7 in: to 29·6 in: over the southwestern and central parts of France.

Lowest, (1) 29·1 in: and less, to 29·2 in: in a depression over the south of Ireland; (2) 29·3 in: and less over the Riviera and the northeastern parts of the Mediterranean.

Gradients becoming rather steep over the west of England and north of Ireland, and very steep in the southwest of France: elsewhere they are slight and variable.

Barometer falling fast in Ireland at our western stations; rising decidedly over Scandinavia.

TEMPERATURE

Highest, 44° to 40° in the southwest and south of France, 41° at Brest and Valencia Island, 39° at Scilly, 35° at Dungeness.

Lowest, (1) 28° at Haparanda, 26° at Karlstad; (2) 27° at Paris, 28° at Brussels, 37° at Berlin; (3) 17° at Aberdeen, 19° at Nairn; 27° at Liverpool Obs.; 29° at Oxford

It has been as low as 10° at Wick, 11° at Aberdeen, 24° at Parsonstown, 23° to 25° over our inland counties during the night. On the grass in London the minimum was 16°.

WIND

(1) S² (Vbl) in France, SE² over England, SE³ to E² over the north of Ireland, and W² on our southwest coasts.

(2) Over the Continent generally it was light and variable, but was becoming E³ in Norway.

(3) In Scotland it was variable.

WEATHER

Fine and bright over the eastern half of Great Britain, dull and unsettled at our western stations, with rain and snow in many places. Snow is falling at Munich and also at Stockholm, rain at Rochefort and Berlin.

The rainfall in past 24 hours has been large (0·8 in: and more) in the southwest and south of France, considerable at our own southwestern stations.

Bright Sunshine ranged from about 5 hrs at Parsonstown to 9·3 hrs: at Hembrobe.

SEA

Rather rough in the west, moderate to slight at the more Eastern stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

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

DISTRICTS.		FORECASTS.
▼ 0	SCOTLAND NORTH	NONE ISSUED.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
▼ 6	SCOTLAND WEST	NONE ISSUED.
▼ 7	ENGLAND N.W.	
▼ 8	ENGLAND S.W.	
▼ 9	IRELAND NORTH	
▼ 10	IRELAND SOUTH	
	WARNINGS	At 9·30 am to districts 6 to 10 and part of 0. "HOIST SOUTH CONE"

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.38	? 35	32	NW	6	c	3
Sumburgh Head							
Stornoway... ...	29.49	36	35	NW	4	c	4
Aberdeen	29.48	33	30	NW	3	bc	3
Shields	29.48	32	32	NNE	2	s	4
Malin Head ...	29.51	33	32	2	0	c	2
Blacksod Pt.. ...	29.57	31	30	SSW	2	bcshp	2
Holyhead	29.53	35	32	W	1	c	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia	29.60	39	35	WSW	2	bcsp	4
Scilly	29.58	45	40	WNW	3	c	2
Jersey	29.59	42	35	NW	4	bc	3
Portland Bill ...	29.55	38	33	NW	1	csp	2
Dungeness ...	29.49	41	36	W	3	bc	2
London (Westminster)	29.49	38	33	NW	2	c	*
Yarmouth ...	29.46	35	34	N	2	s	4
Rochefort ...	29.58	46	41	NNW	3	b	*

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

Weather in morning cold and changeable: fine as a whole over the east of England, the southern half of the North Sea, and clearing up over northern Europe: fair but dull over Central Europe, very rainy in the south of France the north of Spain and over the northern parts of the Mediterranean. Much rain and some hail over the south of France later, and smaller quantities of rain or snow in the western and northern parts of our Islands and in parts of Scandinavia, lightning at Donaghadee.

Temperature changing fitfully, fallen over the greater part of Western Europe — very largely in some localities. Morning readings highest 60° at Palermo, 59° to 55° over northern Africa, 57° at Cagliari, 54° at Sanguinaires, between 50° and 40° over the Adriatic, Italy, the south and southwest of France. Lowest (1) 26° to 28° over the north of Russia and Finland, above 30° over Scandinavia and Central Europe; (2) 26° at Harcourtown, 27° at Wick and Loughborough, 30° at Oxford and in London. Rising during day to between 30° and 37½° in Scotland, to between 40° and 46° over England, to 52° at Lorient, 53° at Lyons, 58° at Perpignan. Succeeding night very cold over Great Britain.

Wind (1) N³ to NW³ over our Islands, NW² over the North Sea and of little force; S³ stormy over the Baltic, Finland; (2) brisk from the E.ly in the south of France and north of Italy, S³ to W³ in northern Africa. A light SW³ to S³ breeze becoming general in the west of Ireland later, but soon shifting to N.ly again.

Barometer highest (1) 29.7 and more to 29.6 in.: over Spain, the Bay of Biscay, the southwest of England and in Ireland; (2) 30.40 in.: and more to 29.8 in.: over Central Russia: (3) 30.0 in.: and more to 29.8 in.: over Asia Minor and southeastern Europe. Lowest (1) 29.0 in.: and less to 29.1 in.: in a complex (but dispersing) depression over Scandinavia: (2) below 29.5 in.: in a shallow secondary over the northwest of the Mediterranean, and also in a "hollow" over the Netherlands, northwestern Germany, and the east of France. Continuing to fall in Ireland and the south of England later. Further complications advancing from Atlantic.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Monday, 19th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Baron. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb	Wet Bulb.	Change since Yesterday.	Wind Direc.	Force (0 to 12.)	Weather	Sea (0 to 9)	PAST 24 HOURS Weather.	Hours of Bright Sunshine.	Temp Max	Min.	Rainfall
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda ...	30.40	21	NW	0	b	30.47	+.56	32	31	0	SSE	2	c	1	b	0	32	21	-
	Hernösand ...	30.21	33	NW	0	c	30.20	+.30	32	31	+4	SE	4	c	1	c	0	36	28	0.04
	Stockholm ...	30.05	36	SE	4	c	30.10	+.15	36	34	+2	SE	4	c	0	c	0	37	28	-
	Wisby ...	29.95	36	S	4	b	30.07	+.20	37	35	+2	S	6	b	0	b	0	37	28	-
	Karlstad ...	29.79	34	ENE	6	s	29.88	.00	33	33	+7	SSE	6	s	0	s	0	0	0	0.55
	Bodö ...	30.11	31	SW	2	b	30.08	+.44	35	32	+1	E	4	c	1	b	0	41	30	-
	Christiansund ...	29.97	35	ENE	3	c	29.64	-.01	34	32	+1	NE	2	c	3	c	0	37	30	-
	Skudesnaes ...	29.73	35	E	4	c	29.74	+.01	35	34	+3	SE	4	c	2	c	0	41	30	0
	Færder (X'iania Fjord)	29.78	33	NE	4	8	29.79	.00	35	33	+3	S	2	c	2	s	0	35	32	0.32
	The Scaw (Skagen)	29.60	35	SE	1	m	29.82	+.06	34	33	-1	SW	1	c	0	m	0	36	34	0.12
	Fanö ...	29.65	34	E	4	b	29.79	+.14	32	31	-2	SE	4	b	1	b	0	37	30	-
British Islands	Sumburgh Head ...	29.58	36	SE	4	c	29.60		35	33		E	3	c	5	s,c	0	37	29	0.09
	Stornoway ...	29.51	36	ESE	2	b	29.48	+.01	26	25	+3	W	0	c	0	hp,b	5.7	42	21	-
	Wick ...	29.45	32	SE	5	c	29.53	.00	35	34	+3	ESE	5	ou	5	c	0	39	30	0.08
	Nairn ...	29.48	33	W	0	s	29.50	-.04	18	18	-1	W	0	0	1	s	0	40	12	0.36
	Aberdeen ...	29.43	31	SW	2	c	29.46	-.09	35	32	+18	ENE	6	ogsqp	6	sp	0.1	36	17	0.19
	Leith ...	29.45	35	ENE	1	bc	29.32	-.18	33	32	-2	E	5	S	4	bc	0	41	26	0.08
	Shields ...	29.47	33	SSE	2	m	29.24	-.25	35	34	+8	SSE	2	cm	3	m.s	0	38	26	0.27
	Spurn Head ...	29.43	39	SE	4	c	29.24	-.28	36	36	+3	ESE	4	r	3	c	0	46	33	-
	Loughborough ...	29.39	37	SE	4	o	29.24	-.28	34	34	+4	E	1	om	4	cu,s,om	0	41	30	0.10
	Malin Head ...	29.39	37	E	4	b	29.37	+.01	35	32	+5	NE	3	b	2	b	0	38	29	-
	Blacksod Pt. ...	29.34	39	ENE	6	c	29.41	+.20	34	33	0	N	4	c sp	4	c	0	39	31	0.06
	Donaghadee ...	29.36	38	SE	4	c	29.29	-.10	36	35	0	ESE	5	ogsq	4	c	0	38	34	0.01
	Liverpool (Bidston) ...	29.32	36	ENE	5	o	29.22	-.24	29	28	+2	ESE	3	c	?	f,os	0	38	26	0.07
	Holyhead ...	29.26	36	ENE	4	osp	29.19	-.21	36	35	+3	ENE	2	cp	1	c.sp	0	37	32	0.10
	Parsonstown ...	29.19	34	NE	1	s	29.33	+.12	29	28	-4	NW	1	o	0	s	0.0	36	27	0.28
	Valencia ...	29.10	38	NE	4	ors	29.38	+.31	36	32	-5	NE	4	bm	4	c,ors	1.6	44	32	0.12
	Roche's Point ...	29.11	38	SSE	4	c	29.29	+.11	35	32	-1	N	5	bc	4	c	0	42	34	-
	Pembroke (St. Ann's Hd.)	29.17	37	SSW	3	bc	29.14	-.15	35	34	-2	ENE	4	cgz p	3	s.bc	3.1	41	32	0.16
	Scilly ...	29.20	40	WSW	5	csp	29.00	-.25	39	38	0	NNW	7	rq	4	bc,sp	4.8	46	35	0.14
	Jersey (St. Aubin's) ...	29.36	42	SW	5	op	29.28	-.25	43	40	+4	S	5	bc	4	r.op	0	44	36	0.25
	Portland Bill ...	29.28	39	WSW	4	cq	29.22	-.25	38	37	+1	SSE	4	or	4	cq	0	43	33	0.15
	Dungeness ...	29.48	43	SSW	5	o	29.22	-.34	41	40	+6	WSW	3	r	5	c.or	0	44	33	0.39
	London (Brixton) ...	29.39	37	SSE	5	ors	29.25	-.27	33	33	-4	SW	1	o	0	b,or.rs	2.5	42	33	0.50
	Oxford ...	29.28	35	SE	2	bc	29.24	-.27	35	35	+6	SSE	1	o	0	bc.sp	0	40	29	0.10
	Yarmouth ...	29.52	37	SSE	4	bcv	29.21	-.33	40	39	+10	S	6	ogq	6	b.bcv	0	41	28	0.58
France & Netherlands. Germany.	Cuxhaven ...	29.63	36	NW	1	o	29.78	+.18	32	31	-1	SSE	1	b	1	o	0	37	28	-
	Berlin ...	29.60	40	WSW	2	r	29.86	+.35	35	34	-2	W	2	o	1	r	0	45	34	0.55
	Wiesbaden ...	*	*	*	*	*	29.80	+.23	31	29	-4	W	2	b	1	*	0	41	27	-
	Munich ...	29.79	28	SSE	5	s	29.82	+.38	26	25	-7	SE	3	b	1	s	0	34	25	0.32
	The Helder ...																			
	Brussels ...	*	*	*	*	*	29.50	-.14	39	34	+11	SSE	6	o	1	b	0	43	26	-
	C. Gris Nez ...	29.52	41	S	4	o	29.23	-.35	43	42	+14	S	6	o	6	o	0	46	29	0.32
	Paris ...	29.61	43	SSE	3	c	29.43	-.21	45	39	+18	SSE	6	o	1	c	0	48	27	-
	Brest ...	29.34	43	NE	4	o	29.21	-.27	42	?	+1	WSW	4	c	4	c	0	46	37	-
	Lorient ...																			
	Rochefort ...	29.58	46	WSW	5	r	29.43	-.20	49	46	+12	WSW	5	r	1	r	0	50	37	0.75
	Belfort ...	29.78	36	SW	2	bc	29.78	+.18	28	26	-3	E	4	bc	1	bc	0	42	28	-
	Lyons ...	29.80	38	N	1	b	29.75	+.05	30	27	-4	SSE	2	bc	1	b	0	49	26	-
	Nice ...	29.40	46	NNE	7	c	29.68	+.39	43	36	-1	E	1	b	2	c	0	57	36	-
	Perpignan ...	29.78	49	NW	2	b	29.70	+.03	38	36	-2	W	1	o	1	b	0	54	32	-
	Biarritz ...	29.68	53	ENE	1	c	29.49	-.20	53	44	+12	SSW	5	o	4	c	0	55	41	-
Span. Pen.	Corunna ...																			
	Lisbon ...	29.99	51	SW	4	bc	29.82	-.23	49	48	+1	WSW	5	r	1	bc	0	55	48	0.43
	Azores (P. Delgada)	30.02	54	WNW	2	bc	29.97	-.12	54	49	+4	NE	3	c	3	bc	0	61	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 3·6 *hrs.*

WEATHER CHARTS

FOR Monday, 19th March, 1900.

BAROMETER, WIND AND SEA.

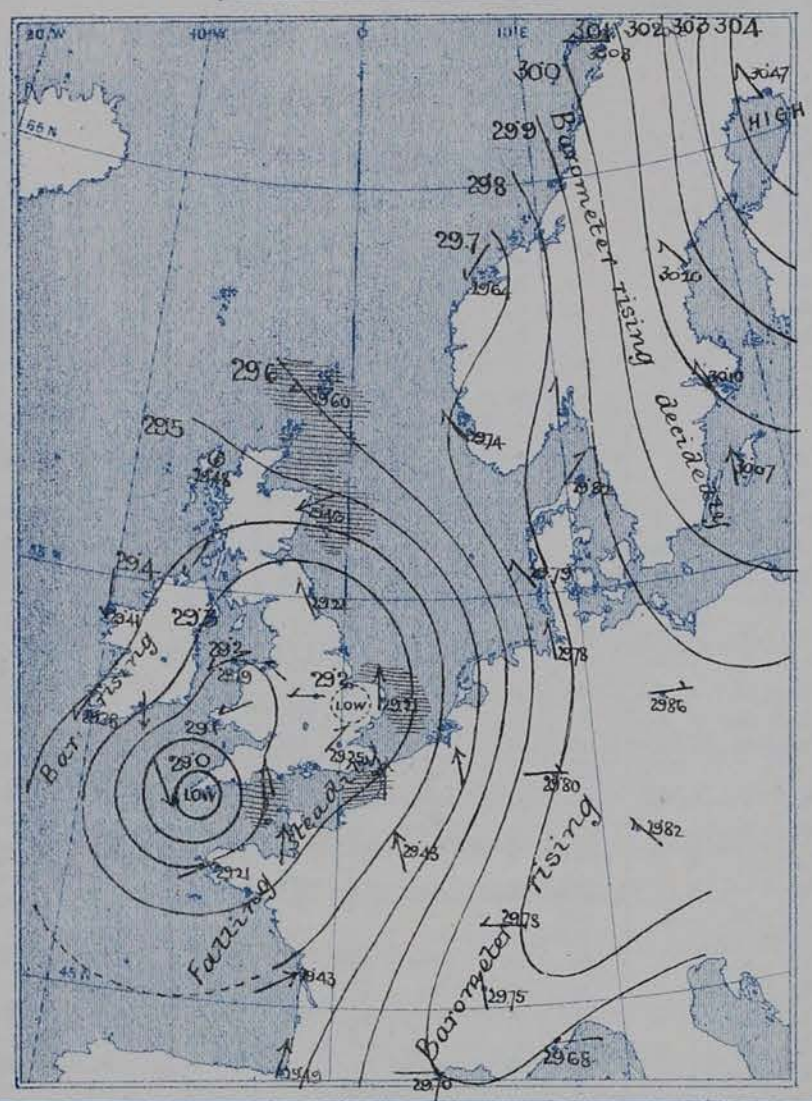
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough : *High*

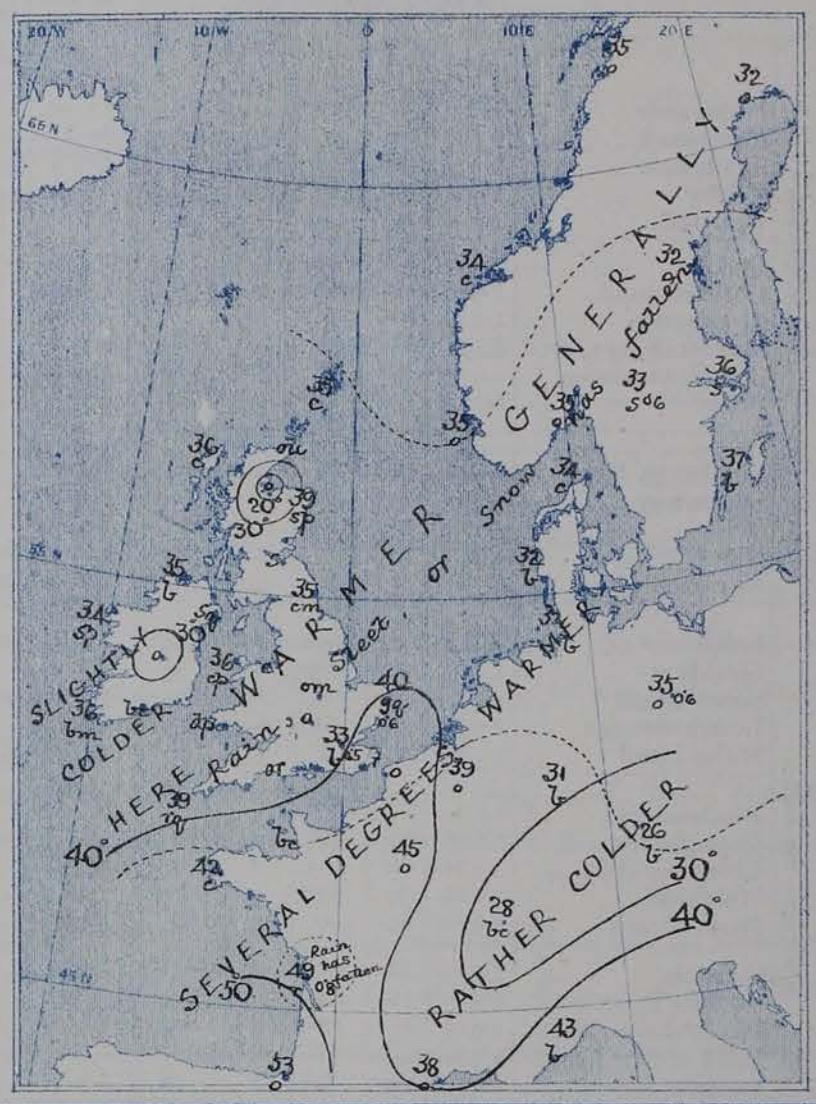


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M.	TEMPERATURE OF AIR. 1871–95.								RAINFALL	BRIGHT SUNSHINE,	
		Means of				Absolute Extremes.						
	Means, 1871–95.	Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.	Means, 1866—95.	Means, 1881—95. Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1880	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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) 30·47 in: at Haparanda, and ranging from 30·4 in: to 29·9 in: over Sweden, Lapland, and the north of Norway; (2) 29·8 in: and more over South Germany and the east of France; (3) Apparently somewhat high over Portugal. [relatively to that in southwest England].
Lowest, 29·0 in: in a depression over Cornwall, and between 29·15 in: and 29·25 in: in shallow cyclone over Wales and England.
Gradients very variable, steep in many places. Distribution very complex.
Barometer rising over Scandinavia, Central Europe, and the south of France; also in the northwest of Ireland, falling over England and the Bay of Biscay.

TEMPERATURE

Highest, 53° at Biarritz, 49° at Rochefort, 45° at Nairn, 43° at Jersey, 41° at Dungeness.
Lowest, 18° at Nairn, 29° at Parsonstown, but above 30° in most other places, including Scandinavia.
It is changing very fitfully, having risen at most stations, but fallen at Nairn and Parsonstown since yesterday morning.

WIND

SE[1] in Norway, E[3] at our own northern stations, N[1] in Ireland, NW[1] at Scilly, W[2] over the Bay of Biscay, S[3] at our eastern stations and in the northeast of France.
It is varying very much in force, and changing quickly from time to time.

WEATHER

Very variable in different localities, cold rain, snow or hail are reported in many places.
During the past day the falls have amounted to 0·55 in: at Berlin, 0·50 in: in London, 0·75 in: at Rochefort. Elsewhere the amounts have been smaller; there has been none over Central and southern France.
Bright Sunshine recorded yesterday amounted to 5·7 hrs at Stornoway, 3 to 5 hrs on our northwest coast, 2 to 4 hrs in the southeast.

SEA

Rather rough in the east, moderate generally elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A continuation of very changeable unsettled weather is probable, with considerable falls of rain and snow in many places, and variable temperatures.

FORECASTS

For the 24 hours ending at NOON on 20th MARCH 1900

DISTRICTS.		FORECASTS.
⍋ 0	SCOTLAND NORTH	E[3] winds, strong; cold, snow at times.
1	SCOTLAND EAST	
2	ENGLAND N.E.	E[3] winds, variable in force; considerable snow, cold.
3	ENGLAND EAST	Same as No 5
4	MIDLAND COUNTIES	Same as No 2
5	ENGLAND SOUTH	S[3] and SW[3] winds, fresh to strong; much rain at times. Milder.
⍋ 6	SCOTLAND WEST	Same as No 5.
⍋ 7	ENGLAND N.W.	
⍋ 8	ENGLAND S.W.	SW[3] to NW[3] winds; fresh or strong; cold, rain and snow at times.
⍋ 9	IRELAND NORTH	NE[3] and N[3] winds, strong; very unsettled, rain and snow. Cold.
⍋ 10	IRELAND SOUTH	
	WARNINGS	The signals are still flying in districts 0 and 6 to 10.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.76	40	36	E	2	b	2
Sumburgh Head	29.62	36	33	NE	2	S	4
Stornoway... ...							
Aberdeen							
Shields							
Malin Head ...	29.38	38	34	SE	4	b	3
Blacksod Pt.. ...							
Holyhead	29.32	36	34	E	2	c	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia							
Scilly	29.23	42	39	W	3	bc	3
Jersey	29.40	40	37	SE	6	r	5
Portland Bill ...							
Dungeness ...	29.53	42	37	SSW	5	c	4
London (Westminster)							*
Yarmouth ...	29.53	39	34	SSE	4	b	4
Rochefort ...							*

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

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER EUROPE FROM THE 11TH TO THE 17TH MARCH 1900.

At the commencement of this week the distribution of pressure was undergoing a material change; the barometer was rising in the far west and by Monday readings had become high (30·6 in: and more to 30·5 in:) both over our own western districts and also over the south of Russia and Hungary. In the south a shallow depression had been formed over the southwest of France, but over the west of Lapland and the northern parts of Scandinavia depressions were appearing moving southeastwards, and the barometer was as low as 29·2 in: at Bodö.

During the next few days there was a further increase of pressure over the western and central parts of our Islands, until on Tuesday evening the readings in the west of Ireland exceeded 30·9 in: and all over the United Kingdom and the northwest of France they exceeded 30·5 in:. In the southeast and south however, the mercury was as low as 29·9 in: or less, and the northern depressions were moving southeastwards to Russia. NW 3 winds increasing in strength were reported at the northern stations, NE 3 in the southwest of France, while the stations in southeastern and southern Europe were experiencing winds from NE and NW of great strength.

From that time the western high pressure system decreased in intensity, the large depressions in the far north began to spread more and more over the North Sea and United Kingdom, so that both on Monday night and more generally on Thursday night W 8 and N 8 gales of considerable strength were felt in Scotland, and W strong winds to moderate gales over England. Temperature was unsteady, rising fitfully to maxima between 50° and 59° over the Kingdom as the disturbances advanced, but falling rapidly in their rear, so that early on Saturday morning the sheltered thermometer registered values as low as 20° to 23° at the inland stations, and 17° on the grass was recorded at Loughborough.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Tuesday 20th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda	30·56	28	S	2	b	30·62	+ ·15	18	16	— 14	SE	2	o	*	b	*	37	18	—
	Hernösand	?	33	S	4	o	30·53	+ ·33	32	?	*	E	o	o	*	o	*	36	28	—
	Stockholm	30·38	34	SE	4	o	30·41	+ ·31	33	32	— 3	SE	4	o	*	o	*	39	30	—
	Wisby	30·29	34	SSE	4	o	30·35	+ ·28	32	29	— 5	SSE	4	o	*	o	*	39	32	—
	Karlstad	30·22	35	NE	2	o	30·32	+ ·44	34	32	+ 1	ENE	2	s	*	o	*	*	*	0·28
	Bodö	30·20	39	ESE	2	o	30·27	+ ·19	38	36	+ 3	E	4	c	1	o	*	41	32	—
	Christiansund ...	30·10	35	NE	1	m	30·18	+ ·54	35	33	+ 1	E	o	b	4	m	*	41	34	—
	Skudesnaes ...	29·91	39	SE	4	bc	30·04	+ ·30	41	37	+ 6	E	6	o	4	bc	*	41	35	*
	Færder (X'iania Fjord)	30·07	34	E	4	r	30·21		36	34		E	5	o	3	r	*	36	34	0·28
	The Scaw (Skagen)	30·00	37	SE	3	s	30·11	+ ·29	37	36	+ 3	SE	3	o	o	s	*	39	34	0·12
	Fanö	29·84	35	SE	3	b	29·86	+ ·07	37	36	+ 5	E	4	o	*	b	*	43	32	—
British Islands	Sumburgh Head ...	29·76	34	E	3	r	30·02	+ ·42	40	38	+ 5	NE	4	o	6	o, r	*	40	33	0·15
	Stornoway	29·59	38	E	6	o	29·81	+ ·33	41	40	+ 15	ESE	5	o	5	c, o	4·4	41	24	0·15
	Wick	29·53	34	E	7	o	29·90	+ ·37	41	40	+ 6	E	8	ow	6	o	*	41	34	0·50
	Nairn	29·44	36	E	5	o	29·76	+ ·26	36	36	+ 18	E	3	rs	3	o, rs	*	36	14	0·35
	Aberdeen	29·40	36	ESE	6	orq	? 29·72	+ ·26	39	37	+ 4	E	7	ogq	7	orq	0·0	39	33	0·47
	Leith	29·32	38	ESE	1	b	29·65	+ ·33	37	37	+ 4	E	3	r	*	b, r	*	43	31	0·32
	Shields	29·39	39	S	2	f	29·58	+ ·34	41	41	+ 6	ESE	4	o	4	cm, f, r	*	44	34	0·03
	Spurn Head ...	29·33	41	ESE	5	c	29·62	+ ·38	41	40	+ 5	SE	3	bcw	3	c	*	45	35	—
	Loughborough ...	29·34	40	ESE	2	bc	29·54	+ ·30	37	36	+ 3	SE	3	bmw	*	cm, op, b	*	45	34	0·07
	Malin Head ...	29·39	36	NE	6	rs	29·56	+ ·19	40	37	+ 5	E	6	ogm	5	bo, rs	*	40	35	0·03
	Blacksod Pt. ...	29·46	41	N	4	bcq	29·51	+ ·10	39	38	+ 5	NNE	5	opq	5	b, bcq, r	*	41	32	0·18
	Donaghadee ...	29·32	38	NE	3	c	29·48	+ ·19	40	40	+ 4	SE	6	cqr	5	c, rq	*	40	32	0·12
	Liverpool (Bidston)	29·32	37	ESE	2	r	29·46	+ ·24	39	36	+ 10	ENE	4	c	?	r	*	40	29	0·35
	Holyhead	29·30	40	NNE	2	cm	29·41	+ ·22	40	38	+ 4	ENE	3	cp	2	c, cm	*	40	36	0·04
	Parsonstown ...	29·39	37	NW	1	o	29·44	+ ·11	30	30	+ 1	NW	1	s	*	b, o	6·0	40	27	0·04
	Valencia	29·45	41	N	3	b	29·44	+ ·06	36	35	0	ENE	2	bc	4	b	9·3	42	33	0·05
	Roche's Point ...	29·39	41	N	5	bc	29·46	+ ·17	35	32	0	N	3	bl	3	bc		43	34	—
	Pembroke (St. Ann's Hd.)	29·25	38	NE	4	c	29·41	+ ·27	39	37	+ 4	W	3	op	3	c	0·4	41	34	0·11
	Scilly	29·26	39	NW	6	csq	29·45	+ ·45	43	39	+ 4	N	1	c	3	c, csq	3·1	44	39	0·40
	Jersey (St. Aubin's) ...	29·29	45	SW	6	cg	29·59	+ ·31	44	41	+ 1	SSW	3	bm	3	cpt, cg	*	50	40	0·02
	Portland Bill ...	29·23	42	SSE	5	cq	29·52	+ ·30	42	39	+ 4	SW	3	c	4	cq	*	46	36	0·11
	Dungeness	29·39	44	S	3	c	29·60	+ ·38	44	42	+ 3	SW	4	c	4	o.c	*	45	38	0·05
	London (Brixton) ...	29·36	42	SE	2	bc	29·60	+ ·35	43	40	+ 10	SW	3	b	*	cp, bc, b	2·6	45	33	0·01
	Oxford	29·33	41	ESE	3	o	29·55	+ ·31	41	38	+ 6	SE	3	bcp	*	op	*	45	35	0·05
	Yarmouth	29·42	40	SSE	4	c	29·62	+ ·41	40	39	0	SSE	2	cm	3	c	*	42	38	0·07
Germany	Cuxhaven	29·76	38	E	4	b	29·78	·00	36	35	+ 4	E	3	b	*	b	*	37	30	—
	Berlin	29·87	38	SE	3	o	29·85	— ·01	40	39	+ 5	SE	3	r	*	o	*	40	35	—
	Wiesbaden	*	*	*	*	*	29·78	— ·07	37	35	+ 6	WNW	1	c	*	*	*	46	31	—
	Munich	29·71	31	SE	3	b	29·76	— ·06	27	27	+ 1	E	3	f	*	b	*	37	26	—
France & Netherlands	The Helder ...	29·58	44	SE	1	o	29·65		37	37		ESE	2	c	3	o	*	48	30	—
	Brussels	*	*	*	*	*	29·69	+ ·49	39	38	0	SE	1	o	*	o	*	51	37	0·04
	C. Gris Nez ...	29·41	43	S	2	o	29·62	+ ·39	36	35	— 7	S	2	c	2	o	*	46	34	0·08
	Paris	29·50	42	SSE	2	o	29·69	+ ·26	37	36	— 8	S	2	o	*	o	*	46	36	0·32
	Brest	29·36	44	W	3	c	29·47	+ ·26	42	39	0	SSE	3	c	3	c	*	45	37	0·39
	Lorient	29·39	39	W	6	c	29·53		41	40		SSE	4	bc	5	c	*	46	37	0·20
	Rochefort	29·53	48	W	4	c	29·63	+ ·20	43	41	— 6	S	3	bc	*	c	*	50	39	0·12
	Belfort	29·64	40	E	3	o	29·71	— ·07	36	30	+ 8	ENE	2	o	*	o	*	46	28	—
	Lyons	29·59	51	S	3	o	29·80	+ ·05	36	35	+ 6	E	1	r	*	o	*	55	30	0·28
	Nice	29·77	45	E	2	c	29·80	+ ·12	41	41	— 2	E	6	r	5	c	*	55	41	0·71
	Perpignan	29·58	49	E	2	c	29·73	+ ·03	45	40	+ 7	W	2	c	*	c	*	56	38	—
	Biarritz	29·58	41	S	4	r	29·62	+ ·13	42	41	— 11	SSE	3	bc	4	r	*	53	39	0·71
Span. Pen.	Corunna																*			
	Lisbon	29·88	48	NW	3	b	29·73	— ·09	49	44	0	S	2	c	*	b	*	57	48	0·20
	Azores (P. Delgada)																*			

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

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

Bright Sunshine yesterday Southport 4·2 *hrs.*

WEATHER CHARTS

FOR Tuesday, 20th March, 1900.

BAROMETER, WIND AND SEA.

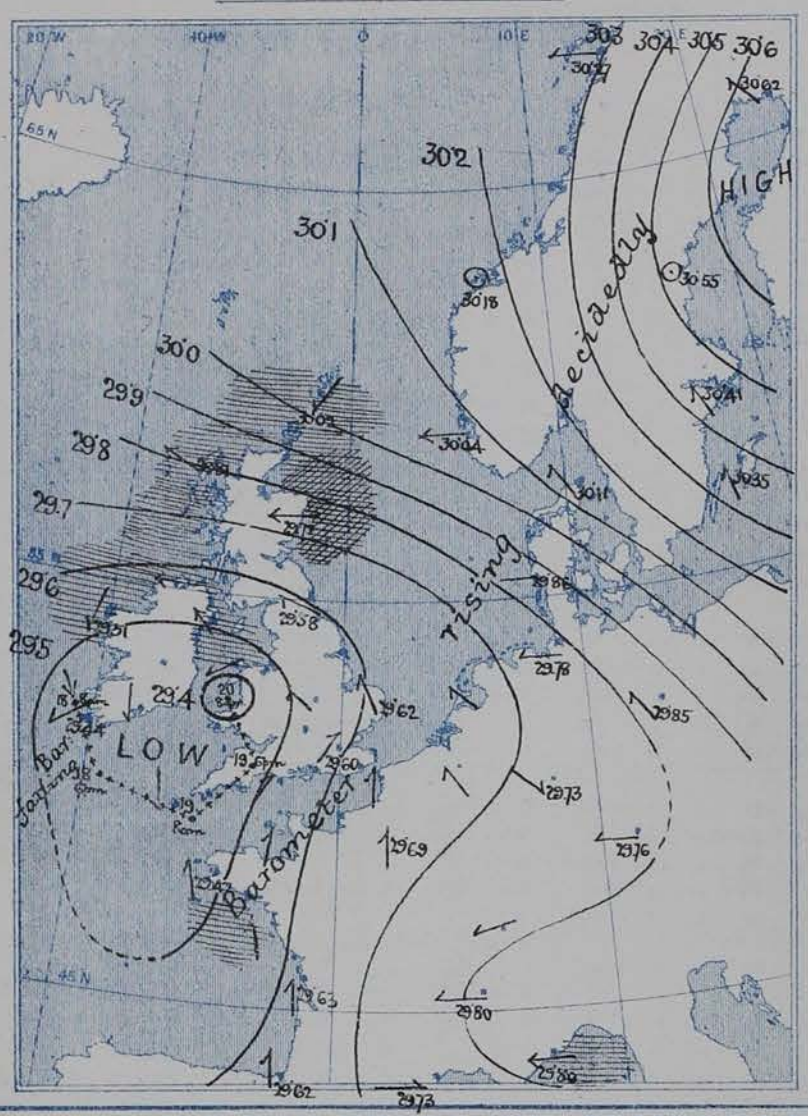
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough : *High*

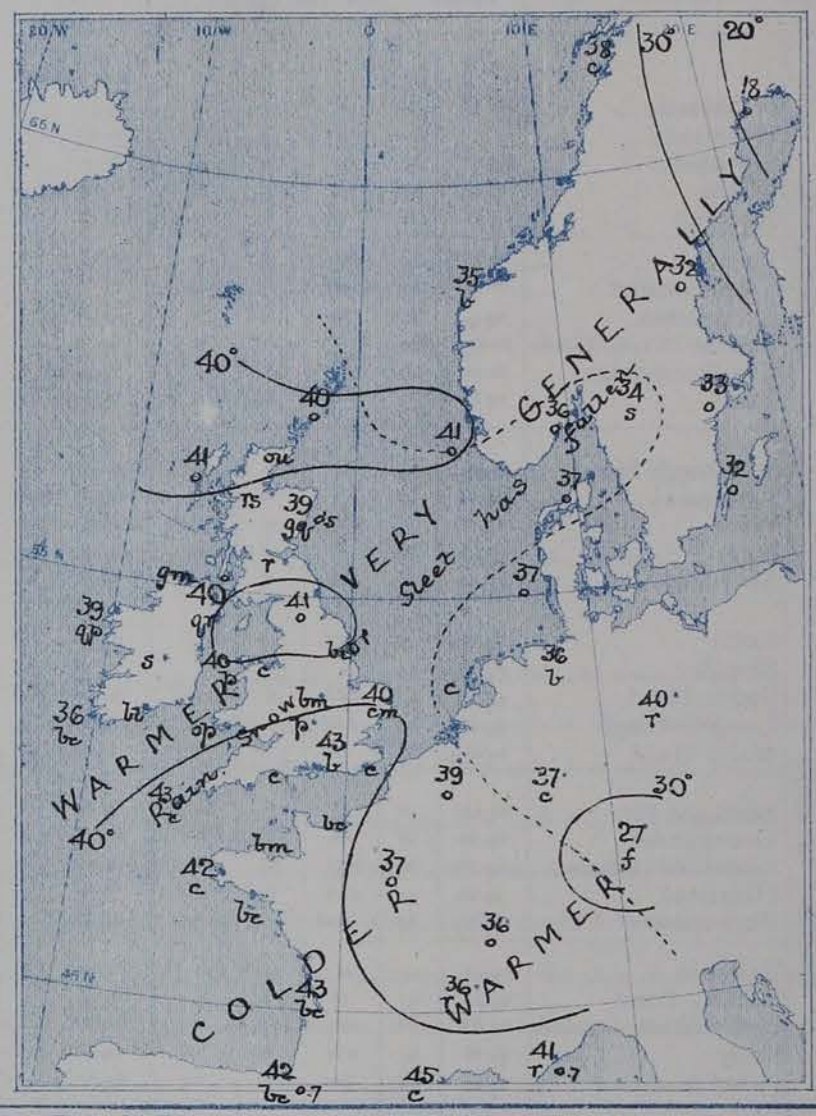


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M.	TEMPERATURE OF AIR. 1871–95.								RAINFALL	BRIGHT SUNSHINE,	
		Means of				Absolute Extremes.						
	Means, 1871–95.	Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.	Means, 1866—95.	Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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 30.6 ins and upwards over the Gulf of Bothnia; 30.2 ins. and upwards in an anticyclone covering nearly the whole of Scandinavia.
Lowest 29.4 ins. and less in a depression, with its centre over Cardigan Bay.
Gradients slight over the Sth. parts of our area, moderate in the north.
Barometer rising generally, but falling again at Valencia (Ireland)

TEMPERATURE

Highest 49° at Lisbon, 45° at Perpignan, 44° at Jersey and Dungeness, and 43° in London and at Scilly and Rochefort.
Lowest (1) 18° at Haparanda, and 32° at Hernösand and Wisby; (2) 27° at Munich; lowest in our Islands 30° at Parsonstown.
The maxima registered yesterday were below 40° in the E. of Scotland, and below 45° in the W^m. and N^w. parts of the United Kingdom generally.

WIND

Light to moderate from the S^th. over the English Channel and the north and northwest of France, and from the SE^ward over the eastern and central parts of England.
E^ly over Scandinavia, Denmark, Germany and the northern parts of the United Kingdom, and strong in force on our extreme north and northwest coasts, with a gale at Wick, N^ly or NE^ly in the west and south of Ireland.

WEATHER

Very changeable over our Islands generally, with passing showers in several places, sleet at Nairn and snow at Parsonstown; lightning reported at Rocks Point.
Fine in the W. of France, but cloudy or dull over the W^m. parts of the Continent as a whole, with rain at Berlin, Lyons and Nice and snow at Karlstad.
Rain or snow fell yesterday in most parts of our Islands and France, - rather heavily in the E. of Scotland and the south of France. Thunder occurred at Jersey, and lightning (at night) at Blackpool Point.

SEA

High or rough off the N. and NE. of Scotland and rather rough off the N. of Ireland, as well as at Lorient and Nice.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression of yesterday has partially dispersed and has also moved N^wds., its centre being now situated over Cardigan Bay. The fresh fall of the barometer which has commenced at Valencia seems to point to the advance of another disturbance towards the S. of Ireland, and as the barometer is high in Scandinavia, and still rising, the gradient over our own N^w. coasts is likely to become steeper.

FORECASTS

For the 24 hours ending at NOON on 21^ST. MARCH 1900

DISTRICTS.		FORECASTS.
↑ 0	SCOTLAND NORTH	E^ly gales and strong winds, squally, some cold rain or sleet.
↑ 1	SCOTLAND EAST	
2	ENGLAND N.E.	E^ly and SE^ly winds, freshening, changeable, some showers.
3	ENGLAND EAST	S^ly winds, moderate or fresh, changeable, some showers.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
↑ 6	SCOTLAND WEST	Same as N^os. 0 and 1.
7	ENGLAND N.W.	E^ly winds, freshening, cloudy, some rain.
8	ENGLAND S.W.	Variable breezes, finally S^ly; fair at first, some rain later.
↑ 9	IRELAND NORTH	Same as N^os. 0 and 1.
10	IRELAND SOUTH	E^ly and NE^ly winds, freshening; fair at first, some rain later.
	WARNINGS	At 10.15 am today to districts 0, 1, 6 and 9 Hoist North Cone.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.		WEA.	SEA.
		Dry.	Wet.	Direc.	Force.		
Skudesnaes ...	29.89	40	37	SE	2	bc	2
Sumburgh Head	29.70	37	35	E	3	o	5
Stornoway... ...	29.55	40	37	E	4	c	4
Aberdeen	29.87	36	35	E	8	orq	7
Shields	29.29	42	38	WNW	3	cm	2
Malin Head ...	29.37	38	34	NE	4	bc	3
Blacksod Pt.. ...	29.41	40	35	N	3	b	3
Holyhead	29.25	40	37	NNE	2	c	1

	BAR.	THER.		WIND.		WEA.	SEA.
		Dry.	Wet.	Direc.	Force.		
Valencia	29.40	42	34	N	3	b	4
Scilly	29.46	42	40	NW	6	c	4
Jersey	29.28	48	43	SSW	6	c	4
Portland Bill ...	29.23	41	40	SSW	4	cq	5
Dungeness ...	29.37	43	42	SSW	3	o	4
London (Westminster)	29.33	43	40	S	4	op	*
Yarmouth ...	29.35	41	39	SW	2	c	5
Rochefort ...	29.49	49	46	W	3	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 8 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway, and Germany. The time at each Station is the Standard Time of its Country.

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„ Weekly „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 21st March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS				
		Baron.	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	30·53	36	SW	2	o	30·58	−·04	30	10	− 8	SW	2	o	*	o	*	28	10	—
	Hernösand	30·52	28	Z	o	o	30·56	+·03	29	28	− 3	S	2	o	*	o	*	34	25	—
	Stockholm	30·47	31	SE	2	o	30·43	+·02	30	28	− 3	E	2	o	*	o	*	34	30	—
	Wisby	30·39	31	SSE	4	o	30·38	+·03	30	30	− 2	SSE	4	o	*	o	*	32	28	—
	Karlstad	30·39	30	ENE	2	o	30·41	+·09	30	28	− 4	ENE	2	s	*	o	*	*	*	—
	Bodö	30·35	38	Z	o	c	30·43	+·16	36	33	− 2	E	1	c	1	c	*	39	32	—
	Christiansund ...	30·27	35	S	2	c	30·28	+·10	33	30	− 2	ESE	1	b	3	b	*	41	30	—
	Skudesnaes ...	30·18	39	E	6	c	30·21	+·17	35	32	− 6	E	6	bc	3	c.o	*	42	34	*
	Færder (X'iania Fjord)	30·31	33	E	4	o	30·37	+·16	30	28	− 6	NE	5	s	3	o	*	36	30	—
	The Scaw (Skagen)	30·23	32	SE	3	s	30·23	+·12	32	32	− 5	ESE	3	s	0	s	*	37	32	0·04
	Fanö	29·99	35	E	6	o	30·02	+·16	37	36	0	E	4	f	*	o	*	39	34	—
British Islands	Sumburgh Head ...	30·14	40	ENE	3	o	30·17	+·15	38	36	− 2	NE	1	c	5	o	*	44	35	0·02
	Stornoway	30·02	42	E	5	o	30·09	+·28	40	38	− 1	ESE	4	o	4	o	0·9	44	36	—
	Wick	30·01	39	NE	6	o	30·12	+·22	38	37	− 3	NE	5	ow	6	o	*	42	37	0·08
	Nairn	29·98	38	E	2	r	30·07	+·31	36	35	0	E	2	c	2	r	*	40	34	0·06
	Aberdeen	29·97	39	ENE	4	ofq	30·04	+·32	37	36	− 2	ENE	6	orsgq	6	o, ofq	0·0	41	36	0·13
	Leith	29·87	39	E	3	o	29·95	+·30	38	38	+ 1	ENE	4	r	*	o	*	40	36	0·20
	Shields	29·83	40	ENE	3	r	29·87	+·29	39	39	− 2	NNE	2	r	4	o, r	*	42	36	0·30
	Spurn Head ...	29·79	42	SE	4	bc	29·87	+·25	40	39	− 1	SE	1	cw	8	bc	*	44	36	—
	Loughborough ...	29·76	48	SE	1	b	29·88	+·34	35	34	− 2	E	2	ofw	*	bc. b, of	*	53	27	—
	Malin Head ...	29·75	42	E	7	ogm	29·94	+·38	40	39	0	E	3	og	2	bcm. ogm	*	44	39	—
	Blacksod Pt.. .	29·65	40	ENE	5	cp	29·93	+·42	40	38	+ 1	ENE	3	bcm	3	rmq. cp	*	43	36	0·13
	Donaghadee .	29·76	44	SE	4	c	29·92	+·44	41	40	+ 1	E	2	o	2	c	-	45	38	0·01
	Liverpool (Bidston)	29·77	42	ESE	1	b	29·88	+·42	36	35	− 3	Z	0	m	?	o. bf	-	48	34	—
	Holyhead	29·73	43	SE	1	bc	29·85	+·44	39	37	− 1	ENE	2	f	1	odp. bc	-	44	36	—
	Parsonstown ...	29·72	37	E	1	c	29·88	+·44	36	36	+ 6	NNE	1	m	*	s. c	1·1	38	29	0·07
	Valencia	29·56	44	E	2	b	29·78	+·34	43	40	+ 7	ENE	4	c	4	c. b	10·0	45	35	0·08
	Roche's Point ...	29·62	42	SE	3	c	29·82	+·36	44	42	+ 9	E	5	bc	4	b. c	.	44	35	0·15
	Pembroke (St. Ann's Hd.)	29·62	44	E	4	c	29·78	+·37	40	38	+ 1	ENE	4	c	3	c	5·4	45	38	—
	Scilly	29·43	45	ESE	7	op	29·63	+·18	46	44	+ 3	E	6	c	5	o. op	0·3	47	39	0·16
	Jersey (St. Aubin's) ...	29·65	49	E	4	c	29·63	+·04	46	42	+ 2	ENE	5	b	4	c	*	49	40	—
German.	Portland Bill ...	29·70	43	ESE	4	o	29·73	+·21	40	38	− 2	ENE	3	c	3	o. o	*	47	37	—
	Dungeness	29·77	48	E	3	c	29·75	+·15	44	42	0	ENE	3	c	2	b. c	*	49	41	—
	London (Brixton) ...	29·76	46	SE	2	b	29·81	+·21	36	35	− 7	E	1	bf	.	bc. b	6·1	52	32	—
	Oxford	29·80	42	ESE	2	b	29·84	+·29	31	31	− 10	NE	3	f	.	p. b	*	51	29	—
	Yarmouth	29·75	43	SSE	3	b	29·85	+·23	39	38	− 1	E	4	bcf	4	bc. b	*	45	35	—
	Cuxhaven	29·87	39	E	4	bc	29·95	+·17	36	36	0	ESE	4	f	.	bc. s	*	43	36	—
	Berlin	29·93	43	SE	2	b	30·01	+·16	37	36	− 3	ESE	3	f	.	b	*	46	34	—
	Wiesbaden	*	*	*	*	*	29·79	+·06	45	41	+ 8	NE	4	bc	.	*	*	60	37	—
	Munich	29·83	38	SE	2	b	29·81	+·05	34	33	+ 7	SE	3	b	.	b	*	48	27	—
France & Netherlands.	The Helder ...	29·83	36	SSW	1	c	29·87	+·22	36	36	− 1	NE	2	f	1	c	*	41	32	0·08
	Brussels	*	*	*	*	*	29·79	+·10	36	35	− 3	ENE	3	o	*	b	*	52	34	0·04
	C. Gris Nez ...	29·75	42	ESE	2	b	29·77	+·15	38	36	+ 2	ESE	3	m	3	b	*	50	36	—
	Paris	29·80	45	SE	2	b	29·68	−·01	36	35	− 1	NE	2	b	.	b	*	53	35	—
	Brest	29·47	41	SSE	4	o	29·52	+·05	41	39	− 1	E	3	b	4	r	*	46	37	0·71
	Lorient	29·58	46	SSE	5	c	29·47	−·06	41	39	0	E	4	c	2	c	.	52	37	—
	Rochefort	29·62	49	SE	3	o	29·37	−·26	41	40	− 2	ENE	4	o	*	o	*	54	39	—
	Belfort	29·80	40	W	1	r	29·75	+·04	36	36	0	ENE	2	f	*	r	*	45	35	0·04
	Lyons	29·82	41	NE	1	m	29·68	−·12	39	39	+ 3	N	1	f	*	m	*	44	36	0·24
	Nice	29·88	43	E	4	r	29·79	−·01	51	46	+ 10	E	6	o	5	r	*	?	41	0·91
	Perpignan	29·65	53	S	4	bc	29·52	−·21	52	52	+ 7	S	2	r	*	bc	*	63	45	—
	Biarritz	29·51	55	SE	3	o	29·24	−·38	50	46	+ 8	SSE	4	o	2	o	*	57	42	—
Span. Pen.	Corunna																*			
	Lisbon	29·55	46	W	4	bc	29·67	−·06	45	42	− 4	SSE	2	c	*		*	55	41	0·28
	Azores (P. Delgada)																*			

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

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

Bright Sunshine yesterday Southport 7·6 hrs.

WEATHER CHARTS

FOR Wednesday, 21st March, 1900.

BAROMETER, WIND AND SEA.

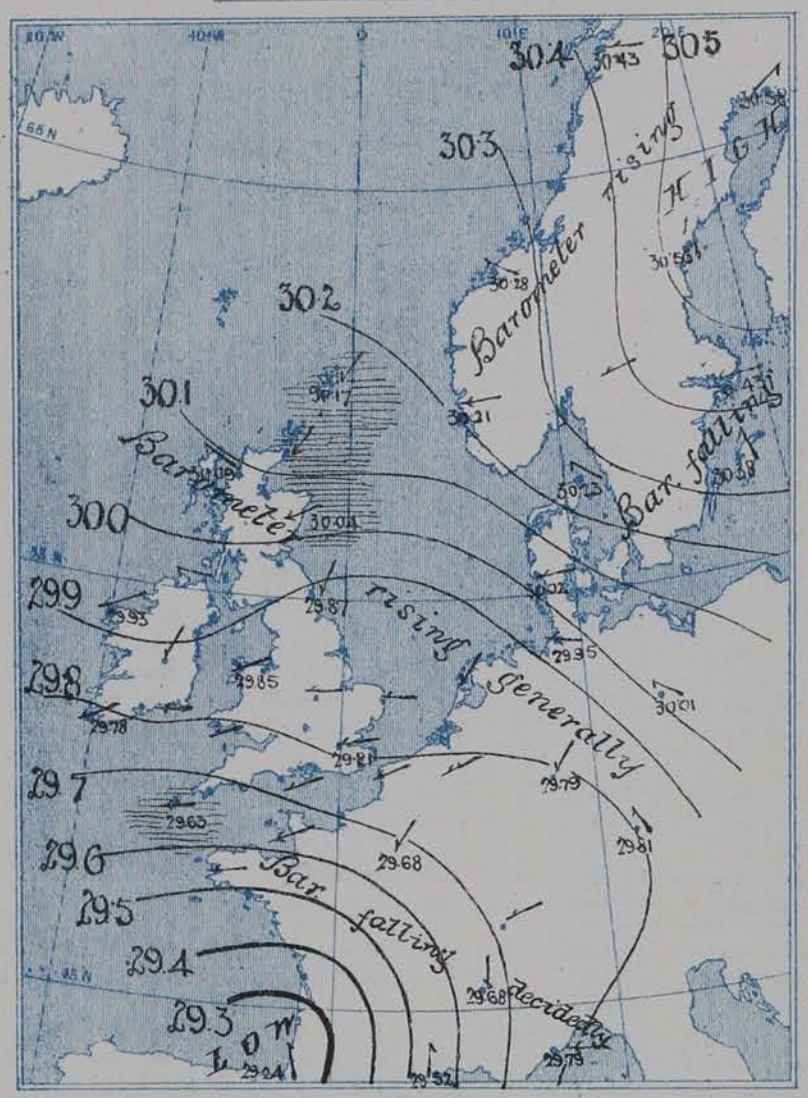
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough : *High*

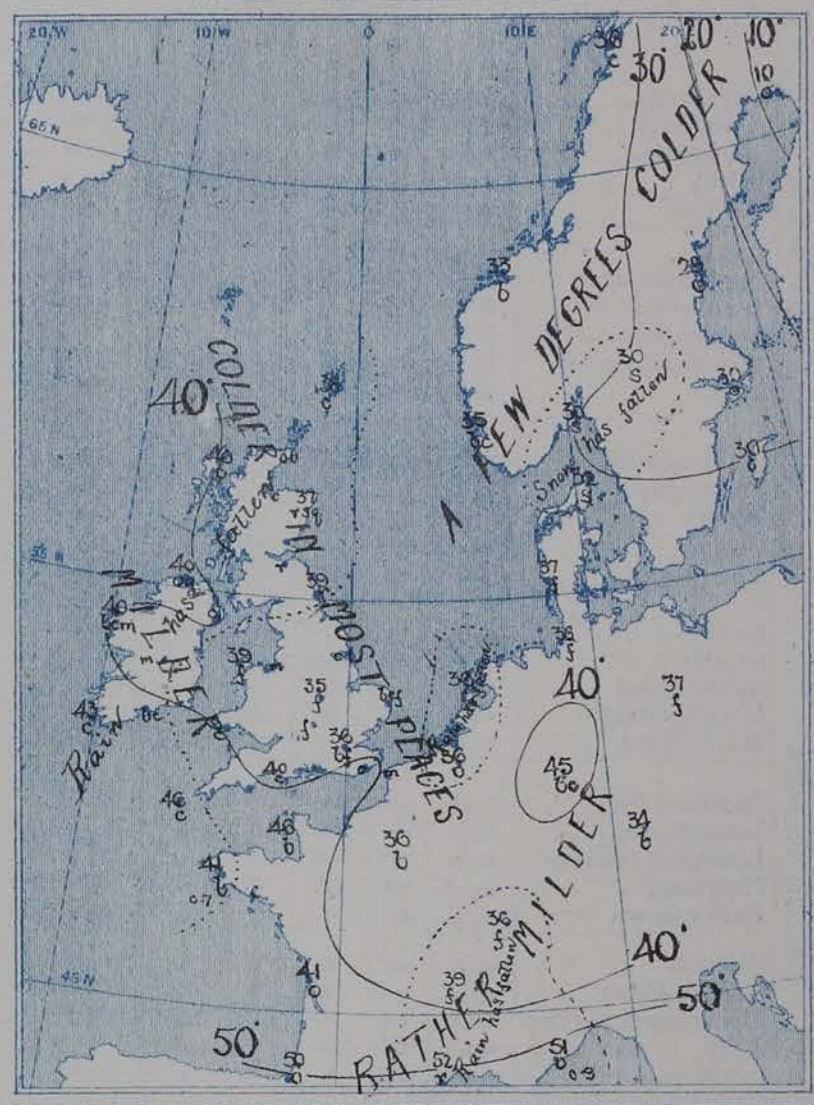


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871-95. (Inches.)	TEMPERATURE OF AIR. 1871-95. Means of Dry Bulb 8 a.m. °	Means of Wet Bulb 8 a.m. °	Means of Daily Maximum. °	Means of Daily Minimum. °	Absolute Extremes. Maximum. °	Years.	Minimum. °	Years.	RAINFALL Means, 1866—95. (Inches.)	BRIGHT SUNSHINE, Means, 1881—95. Hours.	Per cent. of possible.
Sumburgh Head	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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 over the Gulf of Bothnia and the N^rn. parts of Sweden; 30.2 ins. and upwards in an anticyclone lying over the whole of Scandinavia.
Lowest 29.3 ins. and less in a depression over the S.W. of France.
Gradients moderate or slight generally.
Barometer falling in France (briskly in the S.W.) and also in the S. of Scandinavia, rising elsewhere.

TEMPERATURE

Highest 52° at Perpignan, 51° at Nice, 50° at Biarritz, 46° at Scilly and Jersey, and 45° at Lisbon.
Lowest 10° at Haparanda, 29° at Hernösand and 30° at Wisby, Karlstad & Faeroe; lowest in our Islands 31° at Oxford.
Frost occurred last night over the inland parts of England; on the grass the exposed thermometer fell to 20° at Loughborough, and to 25° in London.

WIND

E^ly or NE^ly over western Europe as a whole; light or moderate in force generally, but fresh or strong in the northeast of Scotland and the south of Norway, as well as on some parts of our southwest coasts.
S^ly in the south of France, and also over the Gulf of Bothnia.

WEATHER

Foggy over the greater part of England, Holland, N. Germany and the E. of France. Rain or sleet was falling on the NE. coasts of Gt. Britain, and snow at some stations in the N. of Denmark and the S. of Norway; rain was also reported at Perpignan.
In other parts of our area the weather was generally fair.
Rain fell yesterday at most of our own W^rn. and N^rn. stations, and also in France,- heavily at Brest and Nice. A solar halo was seen at Jersey.

SEA

Rough off the N. of Scotland, and rather rough at Scilly and Nice, moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression recently noticed over our W^rn. coasts has apparently moved away to the SW^wd. or S^wd. The general conditions are however, still unsettled. A rather deep depression has appeared over the S^rn. part of the Bay of Biscay, and is likely to occasion freshening E^ly winds on our S^rn. coasts. Over the N^rn. parts of the North Sea there are some indications of the formation of smaller disturbances which may produce a further increase of wind in the N. and E. of Scotland.

FORECASTS

For the 24 hours ending at NOON on 22^nd. MARCH 1900

DISTRICTS.		FORECASTS.
↑ 0	SCOTLAND NORTH	NE^ly winds, strong, perhaps a gale; cloudy, some rain or sleet.
↑ 1	SCOTLAND EAST	
2	ENGLAND N.E.	NE^ly winds, light or moderate; cloudy, some rain.
3	ENGLAND EAST	E^ly winds, moderate or fresh; fair, cold.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.		FORECASTS.
↑ 6	SCOTLAND WEST	E^ly and NE^ly winds, freshening; dull, some rain.
7	ENGLAND N.W.	Same as No. 2.
8	ENGLAND S.W.	E^ly winds, strong; fair, cold.
↑ 9	IRELAND NORTH	Same as No. 6.
10	IRELAND SOUTH	E^ly and NE^ly winds, fresh; fair, cold.
	WARNINGS	The North Cone is still flying in districts 0, 1, 6 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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·15	42	38	E	6	o	4
Sumburgh Head	30·10	42	40	ENE	3	o	6
Stornoway... ...	29·97	44	43	E	4	o	4
Aberdeen	29·93	40	38	E	5	o	7
Shields	29·76	41	41	ENE	2	o	4
Malin Head ...	29·67	44	42	E	6	bcm	5
Blacksod Pt.. ...	29·60	39	38	ENE	5	rmq	4
Holyhead	29·79	43	40	SE	1	bc	1
Valencia	29·61	43	38	NE	2	c	3
Scilly	29·46	44	42	E	6	o	4
Jersey	29·65	45	42	ESE	5	c	4
Portland Bill ...	29·67	46	44	S	3	c	3
Dungeness ...	29·73	48	45	SSE	3	b	3
London (Westminster)	29·70	52	44	WSW	1	bc	*
Yarmouth ...	29·72	44	43	SSE	3	bc	3
Rochefort ...	29·65	54	50	SE	3	o	*

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

Weather in morning very changeable in our Islands, with showers in several places, sleet at Nairn, and snow at Parsonstown; lightning reported at Roche's Pt. Fine in the W. of France and also in Russia and Italy, but cloudy or dull in most other parts of the Continent, with rain over N. Germany and the SE. of France as well as at San Fernando, and snow at Karlstad. Rain falling later in the W. and N. of our Islands generally and also in France, - heavily at Brest & Nice.

Temperature rises in our Islands and also in Norway, Denmark and Germany, falls in most other countries. Morning readings highest 58° at La Calle and 57° at Palma and Tunis, above 50° at most of the Mediterranean stations. Lowest 12° at Moscow, 15° at Kharkov, 17° at Kuopio, and 18° at Haparanda; below the freezing point over Sweden and Russia generally and also over the central parts of Ireland and Spain. Rising during day to 50° and upwards at the inland stations in England, and also in many parts of France, and reaching 63° at Perpignan.

Wind light to fresh from the Sth. over the northern and central parts of the Continent, strong from the Eand. on our own northern coasts, with a gale at Wick, slight from the Nwd. in the extreme southwest of our Islands. Light to moderate from the Swd. over France, the Spanish Peninsula and Algeria; variable in Italy. Subsequently shifting to the Eand. in the southwest of our Islands, and blowing strongly at Scilly; backing to SE. in the west of France.

Barometer highest 30.8 ins and upwards over Nrn. Russia, 30.2 ins. and upwards in an anticyclone covering nearly the whole of Nrn. and Ctl. Europe. Lowest 29.4 ins. and less in a depression with its centre over Cardigan Bay. Depression subsequently moving in a SWly. direction across our SW coasts, but new disturbance beginning to appear over the Srn. parts of the Bay of Biscay.

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

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„ Weekly „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 22nd March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins
Scandinavia.	Haparanda	30·62	11	W	0	b	30·62	+·04	2	1	− 8	SE	2	o	•	b	•	27	2	-
	Hernösand	30·62	24	W	0	b	30·61	+·05	23	22	− 6	W	0	f	•	b	•	30	21	-
	Stockholm	30·54	30	SE	2	0	30·51	+·08	34	32	+ 4	E	4	bc	•	c	•	34	28	-
	Wisby	30·41	31	ENE	2	0	30·42	+·04	32	29	+ 2	SE	4	b	•	c	•	34	27	-
	Karlstad	30·42	31	ENE	2	0	30·45	+·04	31	29	+ 1	ENE	2	c	•	c	•	•	•	-
	Bodö	30·43	33	E	1	b	30·43	·00	27	23	− 9	E	4	bc	1	b	•	39	23	-
	Christiansund ...	30·29	34	ESE	1	b	30·37	+·09	33	28	0	ESE	1	b	3	b	•	39	30	-
	Skudesnaes ...	30·25	37	E	4	0	30·27	+·06	39	36	+ 4	ENE	4	c	2	c	-	39	35	•
	Færder (X'iania Fjord)	30·37	32	ENE	5	0	30·39	+·02	31	29	+ 1	NE	6	c	2	c	•	34	30	-
	The Scaw (Skagen)	30·29	33	E	3	0	30·30	+·07	33	32	+ 1	E	3	c	0	c	•	34	32	-
	Fanö	30·06	36	E	1	0	30·04	+·02	36	35	− 1	E	1	c	•	c	•	41	36	-
British Islands.	Sumburgh Head ...	30·18	38	SSE	1	c	30·25	+·08	38	36	0	E	1	c	4	c	•	40	35	-
	Stornoway	30·08	40	ESE	4	c	30·12	+·03	40	39	0	ENE	4	c	4	c.c	1.1	43	36	-
	Wick	30·08	37	E	5	c	30·16	+·04	38	37	0	E	1	ru	6	c	•	39	36	0.05
	Nairn	30·04	37	E	3	c	30·09	+·02	38	37	+ 2	E	2	r	2	c	•	38	34	0.11
	Aberdeen	30·01	39	E	6	c g q r	30·07	+·03	38	37	+ 1	E	6	c g r q	7	c g r q	0.0	39	36	0.36
	Leith	29·90	39	ENE	3	c	29·95	·00	39	39	+ 1	ENE	2	r	•	c	•	40	36	0.23
	Shields	29·87	40	E	3	c	29·85	−·02	40	40	+ 1	E	4	r	5	c p.c	•	44	37	0.17
	Spurn Head ...	29·84	42	ENE	4	c	29·63	−·24	42	40	+ 2	ENE	6	c	5	c.f	•	46	38	-
	Loughborough ...	29·79	44	NE	3	c	29·64	−·24	41	40	+ 6	NE	4	c g m	•	c.b c a p	•	47	34	0.04
	Malin Head ...	29·92	40	E	4	c g p m	29·92	−·02	40	39	0	ENE	5	c g p	4	c.g p m	•	41	38	0.03
	Blacksod Pt. ...	29·92	43	N	3	b c	29·92	−·01	41	39	+ 1	NNE	2	b m	2	b c m	•	44	36	-
	Donaghadee ...	29·88	42	NE	4	c g	29·86	−·06	41	41	0	NE	4	c	4	c g	•	42	38	-
	Liverpool (Bidston)	29·81	41	NE	2	c	29·71	−·17	39	38	+ 3	NNE	3	r	?	c m	•	44	35	0.12
	Holyhead	29·82	41	NE	2	b c	29·73	−·12	42	40	+ 3	ENE	3	c m	2	c.b c	•	43	37	-
	Parsonstown ...	29·86	42	NE	1	c	29·84	−·04	37	36	+ 1	NE	1	c	•	c	0.3	45	35	-
	Valencia	29·87	47	N	3	b c m	29·85	+·07	40	37	− 3	NE	3	c	3	c.b c m	6.6	52	37	-
	Roche's Point ...	29·84	47	NNE	4	b c	29·79	−·03	39	37	− 5	N	5	c m	3	b c	•	51	34	-
	Pembroke (St. Ann's Hd.)	29·75	44	NE	5	b c	29·62	−·16	39	39	− 1	NE	5	r m	3	b c	10.3	50	38	0.02
	Scilly	29·65	47	NE	6	c	29·48	−·15	45	43	− 1	N	8	c r s p	5	c	8.1	50	42	-
	Jersey (St. Anbin's) ...	29·48	45	NE	7	c g m	29·37	−·26	47	45	+ 1	ENE	3	c m	3	c g m r	•	49	42	0.57
	Portland Bill	29·64	44	NNE	4	c m	29·43	−·30	42	41	+ 2	ENE	6	r m	5	c m	•	49	36	0.23
	Dungeness	29·59	43	ENE	7	c	29·42	−·33	44	42	0	ENE	5	c	5	c.c	•	48	41	0.08
	London (Brixton) ...	29·69	43	NE	4	b	29·50	−·31	43	41	+ 7	NE	4	c g	•	b c m r q	0.2	48	35	0.11
	Oxford	29·71	40	NE	3	b	29·52	−·32	41	41	+ 10	NE	3	c m	•	b r q	•	47	30	0.23
	Yarmouth	29·76	41	NE	5	c	29·57	−·28	41	40	+ 2	E	6	c	6	c.c g	•	43	38	-
Germany.	Cuxhaven	29·91	41	E	5	b c	29·88	−·07	36	35	0	ENE	6	b	•	b c	•	43	36	-
	Berlin	29·98	49	E	4	c	29·93	−·08	35	34	− 2	E	5	c	•	c	•	48	34	-
	Wiesbaden						29·55	−·24	46	42	+ 1	NE	4	c	•	•	•	57	41	-
	Munich	29·72	41	E	3	b	29·53	−·28	41	39	+ 7	SE	3	c	•	b	•	55	34	-
France & Netherlands.	The Helder ...	29·72	41	NE	4	c	29·65	−·22	41	40	+ 5	ENE	5	c	5	c	•	43	36	0.08
	Brussels						29·49	−·30	43	40	+ 7	ESE	3	c	•	c	•	47	35	-
	C. Gris Nez ...	29·62	41	E	6	m	29·46	−·31	42	40	+ 4	E	3	m	3	m	•	45	34	-
	Paris	29·42	48	NE	4	c	29·43	−·25	42	41	+ 6	S	2	c	•	c	•	53	36	0.16
	Brest	29·43	46	ENE	5	c	?	?	39	39	− 2	N	6	r	4	c	•	50	39	0.63
	Lorient	29·27	46	NE	6	c	29·28	−·19	42	41	+ 1	NE	3	c	2	c	•	50	39	0.43
	Rochefort	29·27	45	SSE	5	c	29·15	−·32	43	41	+ 2	ESE	4	c	•	•	•	52	37	0.63
	Belfort	29·51	50	ENE	5	c	29·54	−·21	40	38	+ 4	NNW	2	c	•	•	•	58	36	-
	Lyons	29·37	40	SSE	3	c	29·56	−·12	35	35	− 4	NNW	1	c	•	c	•	59	34	0.68
	Nice	29·69	52	E	9	r	29·63	−·16	40	39	− 11	E	1	r	6	r	•	55	37	1.34
	Perpignan	29·38	47	SW	2	c	29·47	−·05	38	36	− 14	NW	1	b c	•	•	•	58	34	0.12
	Biarritz	29·28	50	S	4	c	29·36	−·12	43	43	− 7	SW	8	r	5	c	•	54	41	0.46
Span. Pen.	Corunna																•			
	Lisbon	29·83	47	WSW	3	b	29·96	+·29	50	45	+ 5	W	2	b	•	b	•	54	45	0.16
	Azores (P. Delgada)	30·08	52	NE	2	c	30·04	−·02	52	48	+ 2	NE	2	c	2	c	•	57	48	-

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

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

Bright Sunshine yesterday Southport 5·6 hrs.

WEATHER CHARTS

FOR Thursday, 22nd March, 1900.

BAROMETER, WIND AND SEA.

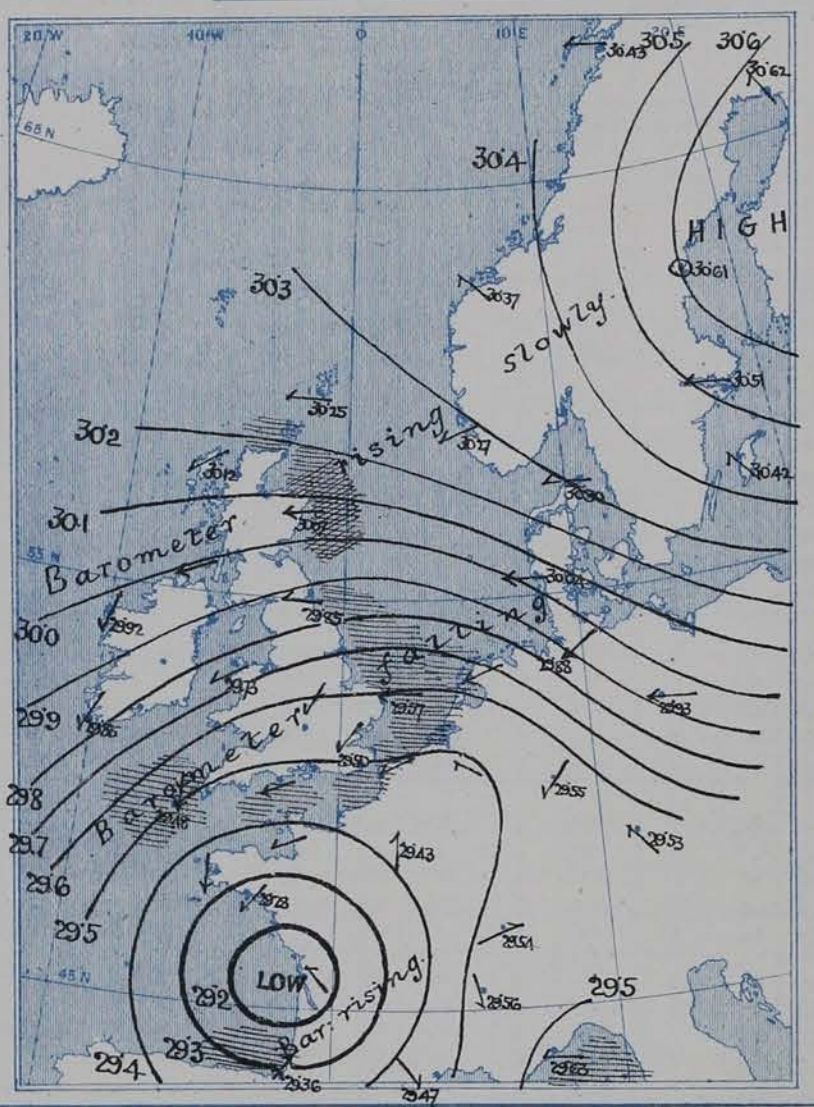
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

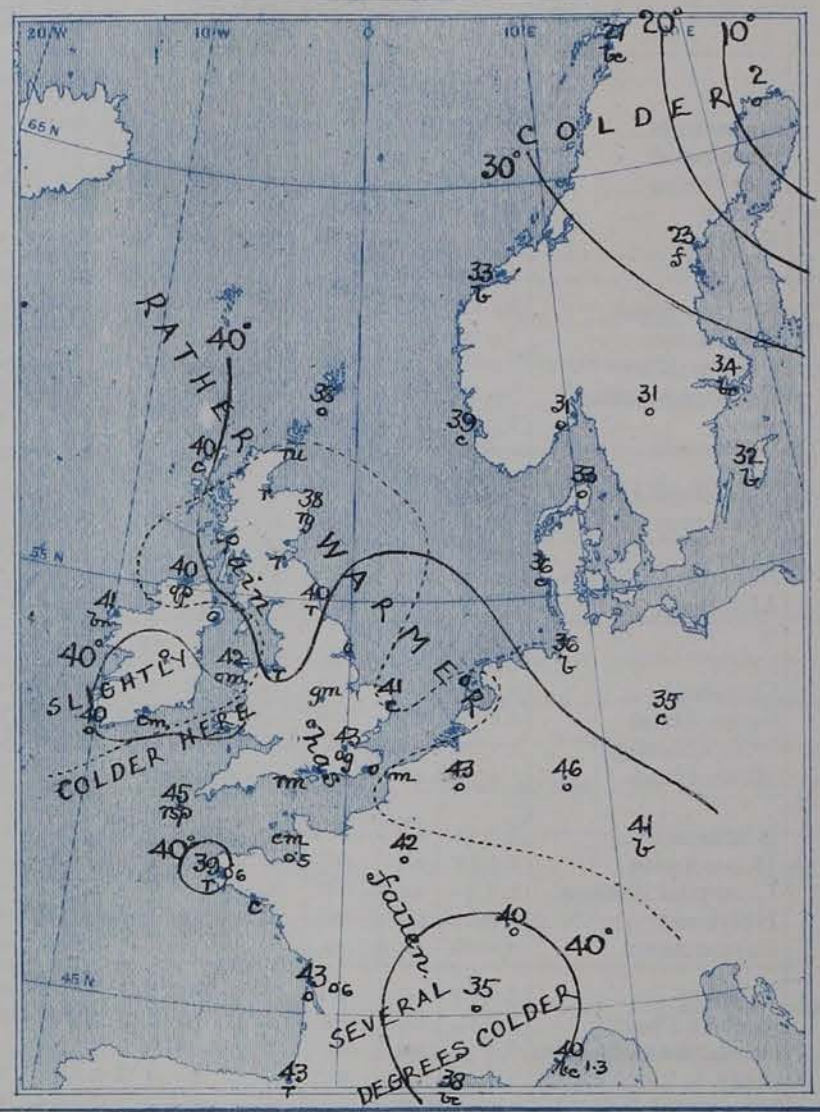


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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, 30·6 in: and upwards over the Gulf of Bothnia; 30·4 in: and upwards in an anticyclone lying over nearly the whole of Scandinavia.
Lowest, 29·2 in: and less, in a rather deep depression with its centre near Rochefort.
Gradients rather steep over Western Europe generally.
Barometer rising in Norway and the north of Scotland; falling in most other parts of our area, but rising in the south of France.

TEMPERATURE

Highest, 47° at Jersey, 46° at Wiesbaden, 45° at Scilly, 44° at Perpignan, and 43° in London and at Rochefort and Biarritz.
Lowest, 2° at Hafgrandar, 23° at Haparanda, 27° at Bodö, and 31° at Jaeder and Karlstad; lowest in our Islands 37° at Parsonstown.
The maxima registered yesterday were below 40° in the north of Scotland, but above 45° at most of our central and southern stations; at Valencia (Ireland) the thermometer rose to 52°.

WIND

E[3] or NE[3] over Western Europe as a whole, and strong in force over the North Sea and all our eastern and southern coasts; a gale from N. is reported at Scilly.
Variable in the south of France generally, but a gale from SW reported at Biarritz.

WEATHER

Cloudy or dull over Western Europe generally, with rain in many parts of Great Britain and France and passing showers at Malin Hd.
Fine in the west of Norway and the south of Sweden, as well as in Germany and the extreme south of France.
Since yesterday morning rain has fallen in most parts of Great Britain and France, the largest amounts reported being 1·3 in: at Nice, and 0·6 in: at Brest, Rochefort, and Lyons. A solar halo was seen yesterday at Oxford.

SEA

High at Aberdeen and rough or rather so on all our northeast, east, and south coasts, as well as at the Helder, Nice, and Biarritz

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression noticed yesterday morning over the southern part of the Bay of Biscay has moved slightly to the northward and a decided increase in the barometric gradient has occurred over Western Europe generally. The disturbance seems likely to remain stationary for a time or to move northwestwards, but some lateral extension to the northward is anticipated, so that strong winds or gales from the northeastward are still probable on our south and east coasts.

FORECASTS

For the 24 hours ending at NOON on 23RD MARCH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	E 24h or NE 24h gales or strong winds; squally, rain at times.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	E 24h and NE 24h winds, strong in places; changeable, some rain.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	NE 24h winds, freshening; cloudy, some rain.
7	ENGLAND N.W.	
8	ENGLAND S.W.	N 24h and NE 24h winds, strong, a gale in places; unsettled, rain at times.
9	IRELAND NORTH	Same as Nos 6 and 7.
10	IRELAND SOUTH	

WARNINGS

At 7·30 pm yesterday to districts 3, 5, and part of 8, and at 10·30 am today to districts 0 to 2. "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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·25	39	35	ESE	4	0	3
Sumburgh Head	30·17	39	38	ESE	1	0	2
Stornoway... ...	30·09	43	41	ESE	4	0	4
Aberdeen	30·01	37	36	ENE	6	ogqr	7
Shields	29·85	42	41	ENE	2	bp	4
Malin Head ...	29·94	41	39	E	4	0	3
Blacksod Pt.. ...	29·95	44	42	NNE	2	bcm	2
Holyhead	29·84	43	40	NNE	2	c	1
Valencia	29·85	50	45	N	4	c	4
Scilly	29·66	49	45	NE	6	c	4
Jersey	29·52	49	44	NE	6	0	5
Portland Bill ...	29·67	49	44	ENE	4	0m	3
Dungeness ...	29·66	44	42	ENE	6	c	5
London (Westminster)	29·73	48	43	ENE	3	bc	*
Yarmouth ...	29·79	42	40	NE	4	c	4
Rochefort ...	29·29	45	43	E	3	a	*

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

Weather in morning foggy over England, Holland, north Germany, and the east of France. Fine on several parts of our own southern coasts, as well as over South Germany, Russia, and the west of Norway, cloudy or dull in most other parts of Europe, with rain on the north east coasts of Great Britain and also over northern Italy, and the extreme south of France; snow falling at some stations in the north of Denmark and the south of Scandinavia. Rain falling later in most parts of Great Britain and France – heavily at Nice.

Temperature fallen over Great Britain and the northern and central parts of the Continent, changed irregularly elsewhere. Morning readings highest 66° at La Calle, 61° at Algiers, and 60° at Nemours and Sanguinaire; above 55° at several of the Mediterranean stations. Lowest 7° at Kuopio, 10° at Haparanda, and 14° at Helsingfors and Kiew; below the freezing point over Sweden and Russia generally, and also in some parts of Central England. Daily maxima below 40° in the north of Scotland, but thermometer reaching 50° or more on our southwest coasts; exceeding 55° over the southern parts of France.

Wind E^3 or NE^3 over Western Europe generally; light or moderate in force in most places, but fresh or strong in the north east of Scotland and the south of Norway, as well as on some parts of our southwest coasts; SE^3 over Germany, Denmark, and the Baltic; S^3 over the Gulf of Bothnia. Variable in Italy. S^3 over the Spanish Peninsula and the extreme south of France. Subsequently increasing to a moderate to fresh gale from the NE^{cd} over the English Channel: no important change occurring elsewhere.

Barometer highest 30·74 in. at Kuopio, 30·2 in. and upwards in an anticyclone covering the whole of Scandinavia and Russia. Lowest 29·3 in. and less. in a well marked depression with its centre near Biarritz. Depression subsequently moving slowly northwards and barometer falling in most parts of Western Europe.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

N.B.—The morning observations are 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, 23rd March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia.	Haparanda	30·51	3	SE	2	b	30·39	−·23	1	−1	− 1	S	0	b	•	b	•	18	−6	−
	Hernösand	30·50	27	S	0	0	30·45	−·16	30	29	+ 1	S	0	c	•	0	•	30	1	−
	Stockholm	30·52	27	S	0	b	30·43	−·08	28	27	− 6	E	2	b	•	b	•	36	25	−
	Wisby	30·37	30	SSE	4	b	30·36	−·06	31	30	− 1	SE	4	b	•	b	•	34	27	−
	Karlstad	30·37	30	SE	2	b	30·41	−·04	26	24	− 5	NE	4	0	•	b	•	•	•	−
	Bodö	30·39	29	E	4	b	30·39	−·04	30	26	+ 3	E	2	bc	1	b	•	30	23	−
	Christiansund ...	30·37	36	ESE	1	b	30·38	+·01	31	29	− 2	ESE	1	b	3	b	•	39	28	−
	Skudesnaes ...	30·27	43	S	0	0	30·26	−·01	38	37	− 1	S	0	m	1	b.o	•	47	36	•
	Færder (Christiania Fjord)	30·35	35	NNE	4	b	30·34	−·05	27	24	− 4	NE	4	0	2	b	•	38	27	−
	The Scaw (Skagen)	30·28	35	E	3	b	30·26	−·04	31	31	− 2	E	4	0	1	b	•	39	28	−
	Fanö	30·06	32	E	7	b	30·06	+·02	33	32	− 3	E	7	0	•	b	•	43	30	−
British Islands.	Sumburgh Head ...	30·28	39	ENE	2	c	30·30	+·05	40	37	+ 2	NE	2	0	4	0	•	41	36	−
	Stornoway	30·15	41	ESE	4	0	30·25	+·13	42	40	+ 2	ESE	4	0	4	c.0	2·6	44	38	−
	Wick	30·21	40	E	6	0	30·27	+·11	42	40	+ 4	E	4	0	5	0	•	42	38	0·05
	Nairn	30·15	39	E	2	0	30·24	+·15	38	37	0	E	1	0d	1	0d	•	39	36	0·15
	Aberdeen	30·13	39	E	7	0gq	30·23	+·16	40	37	+ 2	ENE	4	bcq	6	0gq	0·0	40	37	0·06
	Leith	29.99	40	E	8	0	30·16	+·21	40	37	+ 1	ENE	3	0	•	0	•	41	37	0·09
	Shields	29.91	40	NE	5	0	30·06	+·21	38	37	− 2	NE	4	0	5	orq.0q	•	41	37	0·01
	Spurn Head ...	29.78	41	ENE	7	0	29·94	+·31	39	38	− 3	ENE	4	0q	6	0q	•	43	36	−
	Loughborough ...	29.67	41	NE	5	0	29·91	+·27	38	37	− 3	NE	5	0gm	•	gm.dpq	•	42	38	−
	Malin Head ...	29.93	42	E	5	dp	30·07	+·15	41	38	+ 1	E	7	0gp	5	0p	•	42	40	?
	Blacksod Pt.	29.89	43	NNE	5	0qp	29·99	+·07	42	40	+ 1	E	5	c	4	cpoqp	•	44	39	0·02
	Donaghadee ...	29.84	43	ENE	5	0gu	30·03	+·17	41	41	0	ENE	5	0	5	0gu	•	43	39	0·03
	Liverpool (Bidston)	29.72	41	NE	6	0	29·96	+·25	39	36	0	NE	4	0	?	r.0	•	42	38	0·04
	Holyhead	29.72	42	NE	5	0m	29·93	+·20	40	39	− 2	ENE	4	0m	3	ma[illegible]p.m	•	42	39	0·08
	Parsonstown ...	29.78	40	NNW	1	r	29·92	+·08	42	40	+ 5	E	1	0	•	0d	0·0	42	36	0·02
	Valencia	29.79	44	N	6	0q	29.90	+·05	43	41	+ 3	NE	3	0qm	4	c.0q	3.2	45	39	0·01
	Roche's Point ...	29.72	43	NNE	5	d	29·88	+·09	44	42	+ 5	E	4	m	3	d	•	44	38	0·12
	Pembroke (St. Ann's Hd.)	29.60	43	NE	4	0	29.80	+·18	43	42	+ 4	E	5	0q	3	0	0·0	44	38	0·16
	Scilly	29.50	44	NE	4	r	29·69	+·21	47	45	+ 2	NE	4	m	3	ors.r	0·0	47	40	0·31
	Jersey (St. Aubin's) ...	29.42	51	NNE	3	bcm	29·64	+·27	47	45	0	NE	3	cm	3	c.bcm	•	52	44	−
	Portland Bill ...	29.52	43	ENE	3	0m	29·72	+·29	43	42	+ 1	ENE	4	0m	4	or.0m	•	44	39	0·13
	Dungeness	29.48	46	ENE	3	0	29·67	+·25	43	42	− 1	ENE	5	0	3	0	•	48	42	−
	London (Brixton) ...	29.53	46	E	3	0	29·78	+·28	41	39	− 2	NE	6	0q	•	0q.0qq	0·0	46	40	−
	Oxford	29.60	43	NNE	4	0	29·82	+·30	40	39	− 1	NE	4	0q	•	0gq	•	44	39	−
	Yarmouth	29.59	42	ENE	6	cq	29·81	+·24	39	38	− 2	NE	6	0q	5	c	•	43	37	−
France & Netherlands. Germany.	Cuxhaven	29.86	38	ENE	7	b	29·86	−·02	34	32	− 2	ENE	6	bc	•	b	•	45	32	−
	Berlin	29.87	40	E	4	b	29·83	−·10	32	31	− 3	ESE	5	S	•	b	•	46	32	−
	Wiesbaden	•	•	•	•	•	29·59	+·04	40	38	− 6	NE	1	r	•	•	•	57	39	0·12
	Munich	29.54	43	W	6	0	29·62	+·09	38	37	− 3	W	4	r	•	0	•	61	37	0·24
	The Helder ...																•			
	Brussels	•	•	•	•	•	29.66	+·17	38	37	− 5	NNE	4	0	•	0	•	55	37	−
	C. Gris Nez ...																•			
	Paris	29.46	49	ESE	3	bc	29·62	+·19	39	38	− 3	SE	1	c	•	bc	•	57	37	−
	Brest	29.43	48	NE	3	c	29·63	?	42	41	+ 3	NE	2	b	1	c	•	52	39	0·12
	Lorient	29.39	46	N	3	0	29.56	+·28	43	42	+ 1	NNE	4	0	4	0	•	50	39	0·35
	Rochefort	29.38	46	NSW	4	0	29·51	+·36	48	46	+ 5	NW	4	0	•	0	•	48	43	0·04
	Belfort	29.56	42	ENE	4	c	29·62	+·08	41	38	+ 1	W	3	0	•	c	•	48	38	−
	Lyons	29.58	45	S	2	0	29·71	+·15	40	38	+ 5	SSW	2	r	•	0	•	51	35	−
	Nice	29.69	43	E	1	c	29·70	+·07	45	38	+ 5	NW	2	b	3	c	•	55	40	0·20
	Perpignan	29.67	48	NW	3	r	29·79	+·32	40	39	+ 2	SW	1	b	•	r	•	59	35	0·04
	Biarritz	29.65	48	NSW	9	r	29.70	+·34	49	49	+ 6	WSW	7	0	5	tlr	•	50	36	1·14
Span. Pen.	Coruna																•			
	Lisbon	30.06	50	WNW	2	b	30.04	+·08	43	43	− 1	N	3	f	•	b	•	57	44	−
	Azores (P. Delgada)	29.91	52	NE	3	c	29.80	−·24	50	48	− 2	NE	3	c	4	c	•	57	48	0·12

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

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

Bright Sunshine yesterday Southport 0.0 *hrs.*

WEATHER CHARTS

FOR Friday, 23rd March, 1900.

BAROMETER, WIND AND SEA.

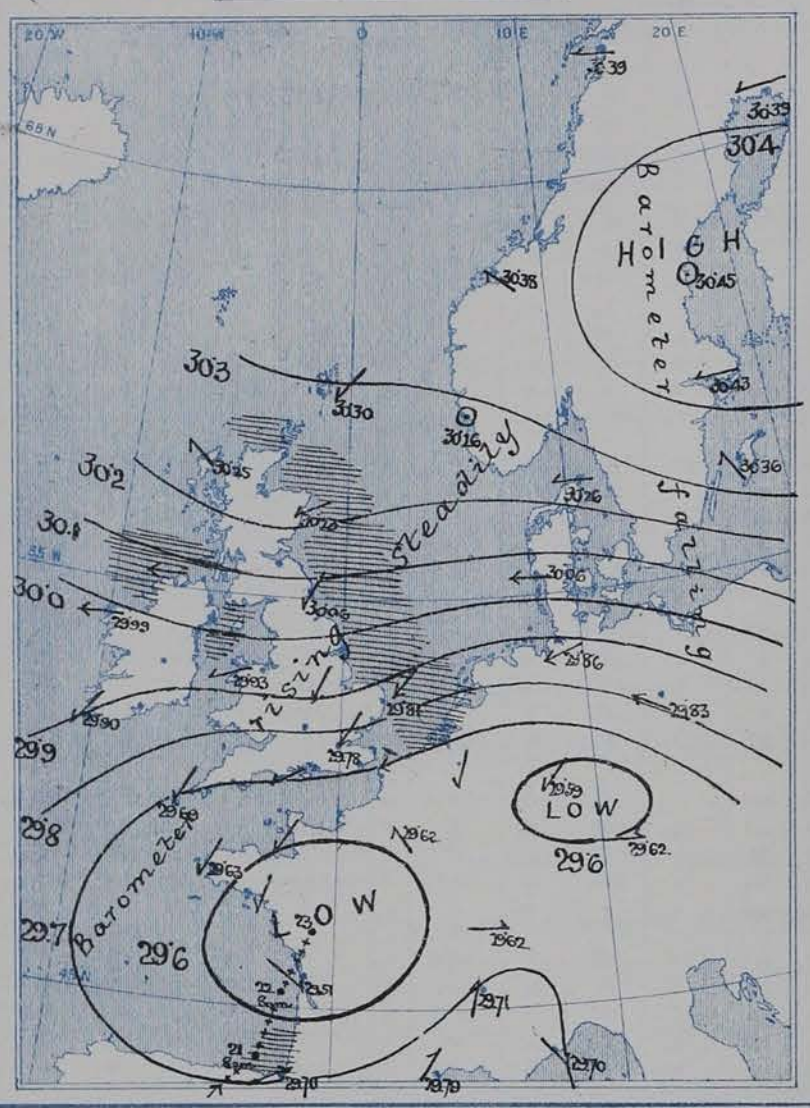
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

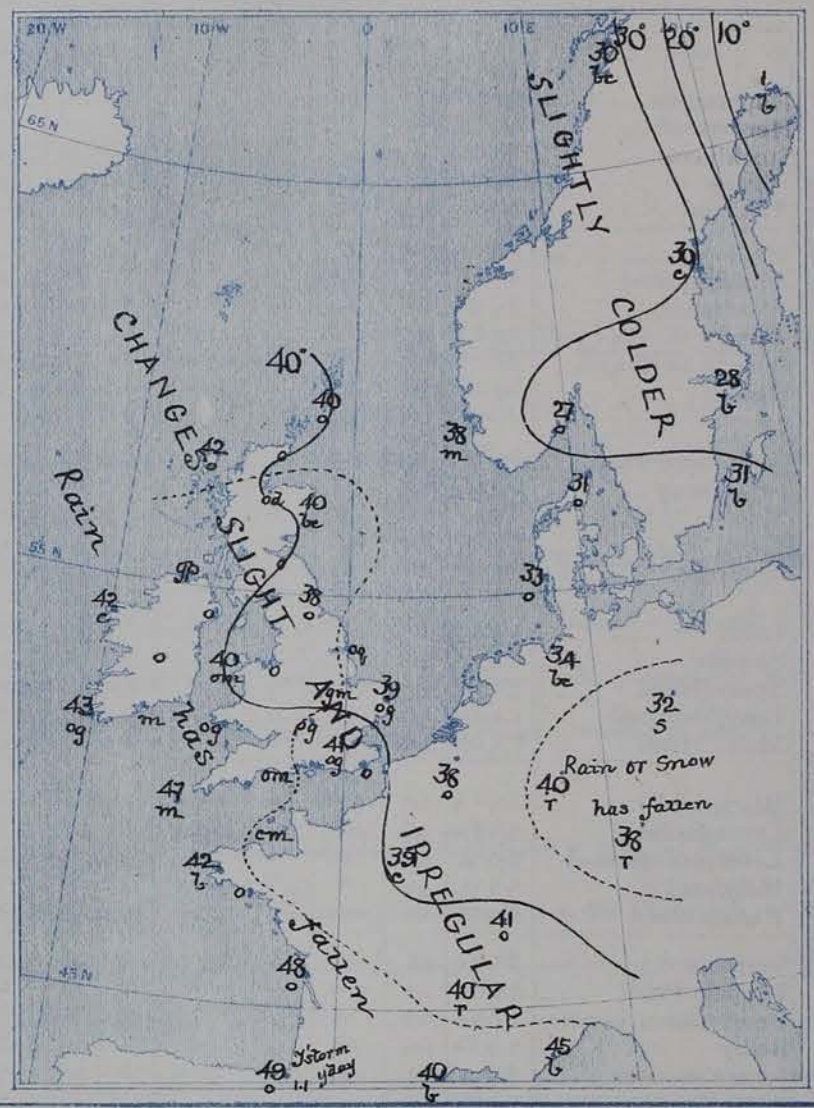


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M.	TEMPERATURE OF AIR, 1871–95.								RAINFALL Means,	BRIGHT SUNSHINE, Means, 1881—95.	
		Means of				Absolute Extremes.						
	Means, 1871–95.	Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.	1866—95.	Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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 Sweden; 30·2 in: and upwards in an anticyclone extending from Scandinavia over the northern part of the North Sea and Scotland.
Lowest, 29·6 in: and less, in two depressions,—one lying over South Germany and the other over the western and central parts of France.
Gradients moderate or slight generally, but rather steep over the Netherlands and the southeast coasts of England.
Barometer rising generally, but falling in Sweden, Denmark and North Germany.

TEMPERATURE

Highest, 49° at Biarritz, 48° at Rochefort, 47° at Scilly and Jersey, 45° at Nice, and 44° at Roche's Point.
Lowest, 1° at Haparanda, 26° at Karlstad, 27° at Sunder and 28° at Stockholm; lowest in our Islands 38° at Nairn, Shields, and Loughborough.
The maxima registered yesterday were below 45° on all but our extreme southern coasts; at some of the Scotch stations the thermometer did not exceed 40°.

WIND

E^ly or NE^ly over northwestern Europe generally, and strong in force in the east and southeast of England, as well as in the south of Denmark.
W^ly or SW^ly over the southern parts of France and Germany, and strong in force at Biarritz. Calm in the Gulf of Bothnia.

WEATHER

Dull over Western Europe as a whole, with mist on several parts of our western and southern coasts, rain at Wiesbaden, Munich and Lyons and snow at Berlin.
Fine at several of the Scandinavian stations and also in the extreme south of France.
Rain fell yesterday in the west and north of our Islands generally, and also over France and South Germany. At Biarritz, where a thunderstorm occurred, there was as much as 1·1 inch.

SEA

Rough or rather so on the east coasts of Great Britain, as well as at Donaghadee and Biarritz, moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the west of France has continued to move slowly northwards, but has partially filled up. A new disturbance has apparently been developed over South Germany, but this is scarcely likely to affect the weather in these Islands. The present changes are in favour of a gradual decrease in the strength of the E^ly and NE^ly winds.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	E^ly and NE^ly winds, strong in places; cloudy, slight rain locally.	6 SCOTLAND WEST	E^ly and NE^ly winds, moderate or fresh; cloudy, rain locally.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.	Same as No 5.	8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES	NE^ly winds, moderate; cloudy, slight rain locally.	10 IRELAND SOUTH	
5 ENGLAND SOUTH	NE^ly winds, strong; cloudy, slight rain locally.	WARNINGS	At 10·30 am to district 8 "Lower Cone". The signals are still flying in districts 0 to 3 and 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 S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in addition to the *South* Cone.
The **North Cone**, *point upwards* (△), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to N.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in addition to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·26	49	42	ENE	2	b	2
Sumburgh Head	30·26	40	38	E	2	0	4
Stornoway... ...	30·16	43	41	ESE	4	0	4
Aberdeen	30·12	39	38	E	6	0	4
Shields	29·88	40	40	NE	4	0	5
Malin Head ...	29·93	42	40	ENE	5	0	4
Blacksod Pt.. ...	29·92	44	41	NNE	5	cp	4
Holyhead	29·72	42	40	NE	5	gapm	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia	29·82	44	39	N	6	0	5
Scilly	29·47	44	43	NNE	6	ots	5
Jersey	29·42	50	47	ENE	3	c	3
Portland Bill ...	29·48	43	42	E	3	ot	3
Dungeness ...	29·45	46	45	ENE	4	0	4
London (Westminster)	29·49	45	43	ENE	3	0	3
Yarmouth ...	29·56	42	41	ENE	6	c	5
Rochefort ...	29·25	48	46	WNW	4	0	*

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

Weather in morning cloudy or dull over the greater part of our Islands and the Continent, with rain in many parts of Great Britain and France as well as at Lisbon and at some of the Algerian stations. Fine in the west of Norway and also over Russia, the Baltic, Austria, and the extreme south of France. Rain falling later in the west and north of our Islands generally and also in France and South Germany, heavily at Biarritz, where a thunderstorm occurred.

Temperature rises in all the more northern and eastern parts of our Islands, falls in most other localities. Morning readings highest 61° at Cagliari, 59° at Malta and 58° at La Calle; above 50° at the Mediterranean, Adriatic, and Spanish coast stations generally. Lowest 2° at Haparanda, 7° at Aleaborg, Kiopia and Archangel, 12° at Kiev, and 13° at Helsingfors; below the freezing point over northern and eastern Europe generally. Daily maxima below 40° at some of the Scotch stations, and below 45° on all but our southwest coasts; thermometer exceeding 55° in many parts of France and Germany, and reaching 61° at Munich.

Wind E[3] or NE[3] over northwestern and northern Europe generally, and strong in force over the North Sea and many parts of the British coasts, with a gale (from the N[W]) at Scilly. W[3] or SW[3] over the Spanish Peninsula and the south of France, with a gale at Biarritz; S[3] in Italy; SE[3] in Austria. No important change occurring during day.

Barometer highest 31·05 in. at Moscow; 30·7 in. and upwards over northern and central Russia generally; 30·4 in. and upwards in an anticyclone lying over nearly the whole of Russia and Scandinavia. Lowest 29·2 in. and less in a well marked depression off the west of France with its centre near Rochefort; gradients rather steep over western Europe generally. Depression subsequently moving slowly northwards but becoming shallower.

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 Saturday, 24th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb	Wet Bulb	Change since Yesterday.	Wind. Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia.	Haparanda	30·21	3	S	2	0	29·86	-·53	13	12	+ 12	N	0	c	•	0	•	16	-8	-
	Hernösand	30·36	22	N	0	b	30·14	-·31	25	23	- 5	N	0	c	•	b	•	37	19	-
	Stockholm	30·38	26	N	0	b	30·26	-·17	18	18	- 10	N	0	f	•	b	•	?	?	-
	Wisby	30·30	26	SE	4	b	30·21	-·15	29	28	- 2	E	4	b	•	b	•	36	21	-
	Karlstad	30·34	28	SW	2	b	30·30	-·11	18	17	- 8	NNE	2	b	•	b	•	•	•	-
	Bodö	30·14	35	SW	5	0	29·89	-·50	34	33	+ 4	NW	6	r	3	0	•	36	27	-
	Christiansund ...	30·37	35	ESE	4	b	30·30	-·08	34	32	+ 3	ESE	4	b	3	b	•	39	27	-
	Skudesnaes ...	30·23	38	N	0	b	30·30	+·04	33	31	- 5	NE	2	b	1	b	•	43	32	•
	Færder (Christiania Fjord)	30·30	34	NE	4	b	30·28	-·06	29	26	+ 2	N	4	b	2	b	•	34	27	-
	The Scaw (Skagen)	30·25	33	E	3	b	30·25	-·01	31	30	0	E	3	b	0	b	•	36	28	-
	Fanö	30·08	31	ENE	6	b	30·12	+·06	32	30	- 1	ENE	6	b	•	b	•	37	30	-
British Islands.	Sumburgh Head ...	30·27	39	NE	3	0	30·27	-·03	38	36	- 2	NE	2	c	4	0	•	41	35	0·02
	Stornoway	30·27	43	ESE	4	c	30·27	-·02	41	40	- 1	NE	4	c	4	c	2·6	46	36	0·02
	Wick	30·25	41	E	3	0	30·24	-·03	41	38	- 1	E	2	c	3	c	•	42	37	0·04
	Nairn	30·25	40	E	2	c	30·22	-·02	36	36	- 2	N	0	c	1	c	•	42	34	0·14
	Aberdeen	30·23	39	NNE	3	or	30·24	+·01	39	36	- 1	E	3	c	4	o.p	2·2	44	35	0·02
	Leith	30·19	40	E	3	c	30·18	+·02	37	36	- 3	E	3	r	•	c	•	42	34	0·69
	Shields	30·12	38	NE	3	0	30·09	+·03	38	37	0	NE	4	ohp	4	0	•	39	36	-
	Spurn Head ...	29·99	37	NNE	6	0	30·00	+·06	38	36	- 1	NE	5	o	5	0	•	40	35	-
	Loughborough ...	30·02	37	NNE	4	0	30·02	+·11	35	34	- 3	NNE	2	om	•	gmq,o	•	39	34	-
	Malin Head ...	30·13	42	E	4	bm	30·16	+·09	39	37	- 2	ESE	3	oq	2	bc.bm	•	43	38	-
	Blacksod Pt. ...	30·07	45	ENE	3	bc	30·14	+·15	38	35	- 4	ENE	3	bc	3	c.bc	•	45	38	-
	Donaghadee ...	30·11	43	E	4	bc	30·15	+·12	39	38	- 2	E	4	oq	3	bc	•	45	37	-
	Liverpool (Bidston)	30·07	39	NE	3	c	30·07	+·11	35	34	- 4	N	2	o	2	om.c	•	41	34	-
	Holyhead	30·04	40	ENE	3	c	30·09	+·16	38	36	- 2	NE	3	om	2	o.c	•	41	35	-
	Parsonstown ...	30·15	43	E	1	0	30·11	+·19	36	35	- 6	NE	1	0	•	0	0·5	46	33	-
	Valencia	30·03	48	NE	1	om	30·08	+·18	40	37	- 3	NE	2	om	3	om	0·0	48	35	-
	Roche's Point ...	30·02	45	E	4	m	30·09	+·21	38	35	- 6	NE	3	m	3	m	•	49	35	-
	Pembroke (St. Ann's Hd.)	29·96	43	ENE	5	c	30·03	+·23	36	34	- 7	NE	3	c	3	c	3·2	47	33	-
	Scilly	29·86	47	NE	4	om	29·96	+·27	40	37	- 7	ENE	4	c	2	0	0·1	49	36	-
	Jersey (St. Aubin's) ...	29·79	45	NNE	4	am	29·91	+·27	40	38	- 7	NNE	3	om	3	c.om	•	48	39	-
	Portland Bill ...	29·89	39	NE	4	0	29·95	+·23	36	34	- 7	NE	3	0	3	0	•	47	33	-
	Dungeness	29·77	40	NE	7	0	29·84	+·17	40	38	- 3	NNE	5	o	4	0	•	44	37	0·02
	London (Brixton) ...	29·89	39	NE	5	0	29·92	+·14	37	35	- 4	NNE	3	oq	•	oq	0·0	42	36	-
	Oxford	29·97	37	NE	5	0	29·97	+·15	34	33	- 6	N	2	ors	•	oq	•	40	34	-
	Yarmouth	29·87	38	NE	6	oq	29·91	+·10	38	36	- 1	NE	5	c	5	0	•	39	35	-
France & Netherlands. Germany.	Cuxhaven	29·88	38	ENE	6	c	29·95	+·09	32	31	- 2	ENE	6	b	4	c	•	37	30	-
	Berlin	29·87	37	E	5	0	29·91	+·08	30	28	- 2	E	5	b	•	0	•	44	28	0·04
	Wiesbaden	•	•	•	•	•	29·65	+·06	38	37	- 2	N	2	o	•	•	•	48	38	0·32
	Munich	29·65	39	SW	5	o	29·64	+·02	39	37	+ 1	SE	4	c	•	0	•	45	35	0·04
	The Helder ...																•			
	Brussels	•	•	•	•	•	29·78	+·12	32	32	- 6	NNE	4	s	•	0	•	41	31	0·04
	C. Gris Nez ...	29·76	?	NE	7	0	29·80	?	39	37	?	NE	6	o	6	0	•	45	36	-
	Paris	29·69	41	NNE	8	e	?	?	36	35	- 3	?	4	o	•	c	•	49	36	0·04
	Brest	29·80	45	NE	3	0	29·90	+·27	41	40	- 1	N	2	o	1	0	•	52	39	-
	Lorient	29·75	46	NNE	5	0	29·86	+·30	41	39	- 2	NNE	4	o	2	c	•	52	39	-
	Rochefort	29·65	48	NW	4	0	29·78	+·27	43	42	- 5	NE	3	c	•	0	•	54	41	-
	Belfort	29·65	43	WSW	3	0	29·65	+·03	37	37	- 4	SW	3	r	•	0	•	45	37	0·08
	Lyons	29·70	44	S	1	0	29·71	-·00	42	40	+ 2	NW	1	r	•	c	•	47	40	0·04
	Nice	29·67	48	WNW	4	c	29·82	-·08	43	37	- 2	E	6	b	3	c	•	54	39	-
	Perpignan	29·80	48	N	0	0	29·75	-·04	46	43	+ 6	NW	2	o	•	0	•	60	40	0·04
	Biarritz	29·76	51	W	6	bc	29·73	+·03	50	48	+ 1	WSW	4	r	3	bc	•	52	46	0·55
Span. Pen.	Corunna																•			
	Lisbon	29·85	53	NE	4	r	29·69	-·35	50	47	+ 1	ENE	4	o	•	r	•	57	43	-
	Azores (P. Delgada)	29·86	52	NNE	3	b	29·94	+·14	50	48	0	NNE	3	bc	3	b	•	59	48	-

For Explanation of Columns, see bottom of last page.

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

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

Bright Sunshine yesterday Southport 3·1 hrs.

WEATHER CHARTS

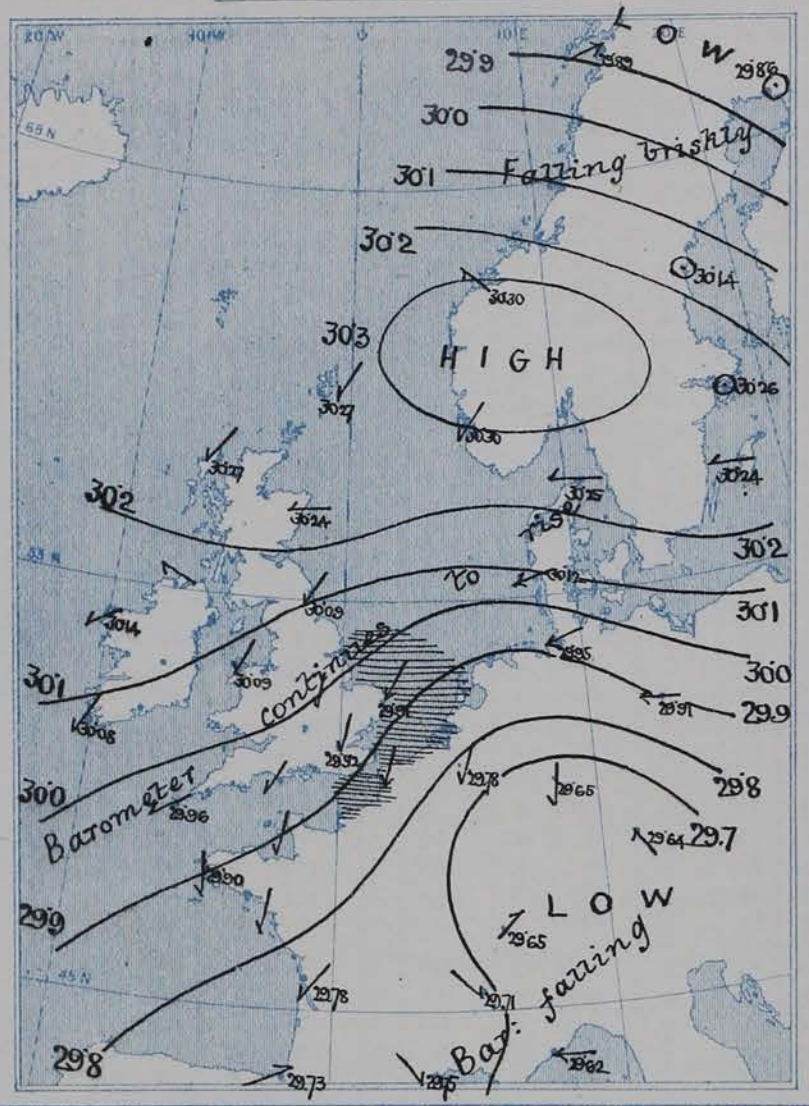
FOR Saturday, 24th March, 1900.

BAROMETER, WIND AND SEA.

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

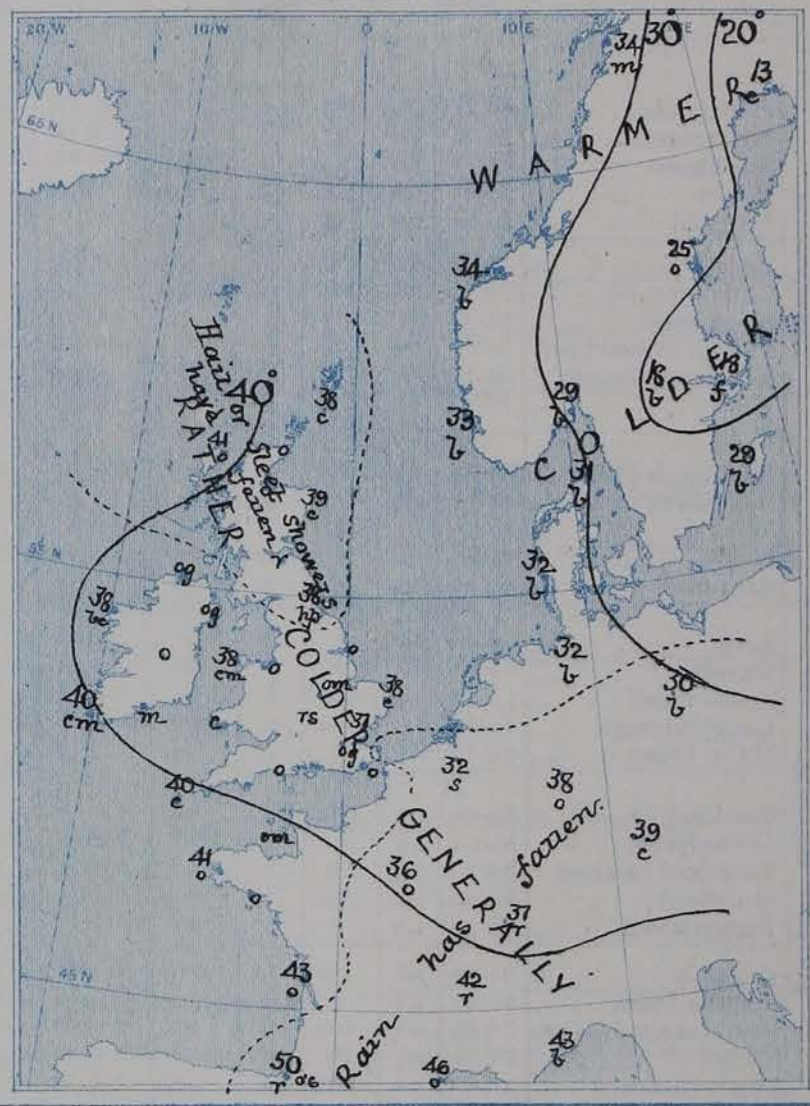
Force above 10 ⟶ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ : *Force 1 to 4* ⟶ : }

SEA.—Rough : *High*



TEMPERATURE AND WEATHER.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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: to 30·1 ins: in an anticyclone lying over the southern parts of Scandinavia, and the northern parts of our Islands and the North Sea.
Lowest, 29·7 ins and less, in a depression of irregular form over South Germany and the East and southeast of France; 29·8 ins: and less, in another disturbance approaching the north of Norway from the westward.
Gradients moderate or slight generally, but rather steep over the northern parts of the Norwegian coasts.
Barometer rising steadily in our Islands; falling slightly in the southern parts of France and Germany, and briskly in the northwest of Norway.

TEMPERATURE

Highest, (1) 50° at Biarritz and Lisbon, and 46° at Perpignan; (2) 41° at Stornoway and Wick.
Lowest, 13° at Haparanda, 18° at Stockholm and Karlstad, and 25° at Hernösand; lowest in our Islands 34° at Oxford.
The maxima registered yesterday were below 50° at some of our eastern and central stations, and below 45° on all but our southern and extreme northwestern coasts.

WIND

E[1] or NE[2] over northwestern Europe as a whole; fresh in force on the east and southeast coasts in England, and strong in North Germany and the south of Denmark.
Variable or W[1] in the south of France; calm in Sweden; strong from the SW.ᵈ at Bodö.

WEATHER

Cloudy or dull over Western Europe generally, with showers of hail or sleet at some of our eastern and central stations. Rain is falling in several parts of France, and snow at Brussels.
Fine in Denmark and the south of Scandinavia.
A little rain fell yesterday in Scotland and larger amounts in some parts of France and Germany.

SEA

Moderate or slight generally, but rough at Cape Gris Nez and rather rough on our more east and southeast coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression recently noticed over France has moved slowly eastwards and has almost entirely dispersed. The anticyclone over Scandinavia is gradually giving way under the influence of depressions which are beginning to appear in the far north. For the present, however, there is, so far as these Islands are concerned no probability of any immediate change in the weather.

FORECASTS

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

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	E[1] and NE[1] winds, light or moderate; fair generally, but slight showers locally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	N[1] and NE[1] winds, moderate or fresh; fair generally, but rain or sleet showers locally.
6	SCOTLAND WEST	NE[1] winds, moderate; fair generally.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	None Issued.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·26	43	41	2	0	b	1
Sumburgh Head	30·30	40	36	NE	2	0	4
Stornoway... ...	30·29	46	43	E	4	c	4
Aberdeen	30·26	41	38	NE	3	0	6
Shields	30·13	38	36	NE	2	0	4
Malin Head ...	30·14	43	39	E	4	bc	4
Blacksod Pt.. ...	30·07	45	42	ENE	4	c	4
Holyhead	30·01	41	39	ENE	6	0	4

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia	29·97	46	44	NNE	1	0m.	3
Scilly	29·82	48	45	ENE	4	0	3
Jersey	29·74	48	44	NE	4	c	3
Portland Bill ...	29·82	49	44	NE	4	c	3
Dungeness ...	29·74	43	41	ENE	6	c	5
London (Westminster)	29·86	42	40	NE	3	0	*
Yarmouth ...	29·86	39	37	NE	6	0	5
Rochefort ...	29·61	50	48	NW	4	0	*

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

Weather in morning dull over the greater part of our Islands and the Continent, with rain over Western Germany and Central France, and snow in Austria as well as at Berlin and Nicolaieff. Fine in many parts of Scandinavia and northern Russia, and also over the Spanish Peninsula. A little rain falling later in Scotland, and somewhat larger amounts at some of the French and German stations.

Temperature changed rather irregularly, but fallen in most of the Central countries. Morning readings highest 57° at Palma, Palermo, Malta, and Oran, and 56° at Algiers, above 50° at most of the Mediterranean stations. Lowest 1° at Haparanda, 2° at Archangel, 4° at Kiefis, and 12° at St Petersburg; below the freezing point over northern and Eastern Europe generally, and below 40° in many parts of Great Britain. Thermometer remaining below 40° all day at some of our Eastern and Central stations, but exceeding 45° on our south and southwest coasts; exceeding 50° in the west and south of France and reaching 60° at Perpignan.

Wind E[3] or NE[3] over northwestern and northern Europe generally, and strong in force in the east and southeast of England, as well as in Denmark and North Germany. Variable over the Spanish Peninsula, W[3] or SW[3] over the southern parts of France; SE[3] in Italy, Austria and Eastern Germany. Light and variable in Russia; calm in the Gulf of Bothnia. No important change occurring during day.

Barometer highest 30·5 in: and upwards over the northern and central part of Russia; 30·2 in: and upwards in an anticyclone covering the whole of northern and Eastern Europe, and extending westwards over the north of Scotland; 30·0 in: and upwards in another system over Algeria and the southern part of the Spanish Peninsula. Lowest 29·6 in: and less in two depressions,—one lying over South Germany and the other over the western and central part of France. Anticyclone in north beginning to disperse later; depressions over France and Germany gradually filling up

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is 0 blue sky; c. detached clouds d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

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

DAILY WEATHER REPORT

for 8 a.m. on Sunday 25th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Baron. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia.	Haparanda	29.48	25	L	0	o	29.68	−.18	20	20	+ 7	ENE	6	c	*	o	*	32	0	—
	Hernösand	29.72	37	W	2	b	29.52	−.62	36	32	+ 11	W	2	bc	*	b	*	41	12	—
	Stockholm	29.95	28	L	0	b	29.63	−.63	25	25	+ 7	WSW	2	b	*	b	*	36	14	—
	Wisby	30.00	28	SE.	4	b	29.73	−.48	29	28	0	SW	4	bc	*	b	*	29	19	—
	Karlstad	29.94	27	SW	2	b	29.67	−.63	21	19	− 3	NNE	2	bc	*	b	*	*	*	—
	Bodö	29.65	33	NNW	6	c	29.77	−.12	28	26	− 6	NE	4	o	2	c	*	36	25	—
	Christiansund ...	29.99	36	SW	7	r	29.75	−.55	34	33	0	WNW	3	s	5	r	*	37	34	0.16
	Skudesnaes ...	30.11	37	N	4	b	29.72	−.58	35	35	+ 2	N	6	o	2	b	*	43	33	*
	Færder (X'iania Fjord)	29.98	33	WSW	2	b	29.65	−.63	28	27	− 1	NNE	4	f	2	b	*	34	27	—
	The Scaw (Skagen)	29.83	31	L	0	b	29.64	−.61	32	31	+ 1	SW	3	o	0	b	*	36	28	—
	Fanö	30.02	29	L	0	b	29.77	−.35	33	31	+ 1	W	2	c	*	b	*	41	28	—
British Islands	Sumburgh Head ...	30.24	39	NNE	1	c	29.92	−.35	35	33	− 3	N	4	o	5	o.c	*	43	34	0.03
	Stornoway	30.26	43	E	3	c	30.11	−.16	39	38	− 2	NNE	4	o	4	o.c	6.4	45	34	0.03
	Wick	30.25	40	NW	2	c	29.98	−.26	39	38	− 2	N	4	o	3	c	*	46	35	0.02
	Nairn	30.25	40	E	1	b	30.03	−.19	39	37	+ 3	W	1	c	1	b	*	43	29	0.02
	Aberdeen	30.25	37	NNE	2	c	29.95	−.29	38	36	− 1	NW	5	cg	3	bc, c	3.3	43	32	0.02
	Leith	30.21	39	ENE	3	o	30.00	−.18	37	34	0	WSW	2	bc	*	o	*	41	31	—
	Shields	30.14	39	NE	3	o	29.97	−.12	36	34	− 2	WNW	2	o	3	o	*	41	34	—
	Spurn Head ...	30.03	37	NE	5	o	29.91	−.09	38	37	0	N	5	c	3	o	*	42	35	—
	Loughborough ...	30.03	38	NE	3	c	30.00	−.02	35	32	0	N	2	c	*	o.c	*	39	31	—
	Malin Head ...	30.19	41	E	4	c	30.13	−.03	40	36	+ 1	NNE	2	c	2	b, c	*	44	36	—
	Blacksod Pt. ...	30.14	43	ENE	4	c	30.18	+.04	37	35	− 1	L	0	bc	1	c	*	44	34	—
	Donaghadee ...	30.15	42	E	4	o	30.12	−.03	38	36	− 1	NE	3	c	3	bc. o	*	42	35	—
	Liverpool (Bidston)	30.09	38	NE	3	o	30.06	−.01	37	33	+ 2	N	1	bc	2	om	*	39	32	—
	Holyhead	30.08	40	NE	3	c	30.07	−.02	37	34	− 1	NE	3	c	2	o, c	*	40	34	—
	Parsonstown ...	30.10	38	E	1	c	30.13	+.02	36	34	0	N	1	o	*	r. c	0.3	41	35	0.01
	Valencia	30.06	42	NE	2	ogm	30.12	+.04	38	35	− 2	ENE	3	bm	3	ogm	0.0	43	34	—
	Roche's Point ...	30.08	42	E	4	m	30.10	+.01	40	36	+ 2	NE	3	bc	3	m	*	44	35	—
	Pembroke (St. Ann's Hd.)	30.03	40	ENE	3	c	30.04	+.01	35	33	− 1	ENE	4	c	2	c	0.1	42	33	—
	Scilly	29.96	40	NE	3	o	29.98	+.02	40	37	0	ENE	4	c	1	c.o	0.0	42	36	—
	Jersey (St. Aubin's) ...	29.90	43	NNE	3	om	29.91	.00	40	37	0	NE	3	o	3	om. g	*	43	39	—
Spain. Portugal. France & Netherlands. Germany.	Portland Bill ...	29.95	38	NE	3	o	29.96	+.01	35	33	− 1	NE	3	o	3	o	*	42	32	—
	Dungeness	29.85	40	NE	6	o	29.86	+.02	38	35	− 2	NE	5	o	4	o	*	44	35	—
	London (Brixton) ...	29.93	39	NE	3	bc	29.94	+.02	36	32	− 1	NE	3	o	*	cg. bc. o	0.0	42	36	—
	Oxford	30.00	36	NE	4	o	29.97	.00	35	33	+ 1	N	1	o	*	o. g	*	40	34	—
	Yarmouth	29.94	37	NE	6	c	29.89	−.02	38	35	0	N	4	bc	4	c. cg	*	39	34	—
	Cuxhaven	29.95	34	ENE	6	c	29.80	−.15	32	31	0	N	1	b	*	c	*	37	30	—
	Berlin	29.88	33	SE	4	c	29.75	−.16	31	30	+ 1	E	3	o	*	c	*	37	30	—
	Wiesbaden	*	*	*	*	*	29.72	+.07	32	30	− 6	NNE	3	o	*	*	*	39	34	0.08
	Munich	29.65	38	E	4	o	29.62	−.02	37	36	− 2	W	3	o	*	o	*	48	34	0.16
	The Helder ...	29.90	37	NE	6	b	29.84		35	32		NE	1	b	0	b	*	39	34	—
	Brussels	*	*	*	*	*	29.83	+.05	31	28	− 1	NNE	3	o	*	o	*	37	28	—
	C. Gris Nez ...	29.84	38	L	0	o	29.81	+.01	36	34	− 3	L	0	o	0	o	*	45	34	—
	Paris	29.78	37	NNE	3	o	29.78	?	33	32	− 3	N	4	o	*	o	*	39	33	—
	Brest	29.91	41	NE	1	o	29.91	+.01	39	38	− 2	NE	1	o	1	o	*	46	39	—
	Lorient	29.88	43	NNE	4	c	29.88	+.02	40	39	− 1	NNE	4	o	2	c	*	46	39	—
	Rochefort	29.79	45	NE	3	o	29.80	+.02	41	39	− 2	ENE	4	o	*	o	*	48	37	—
	Belfort	29.65	37	SW	2	f	29.70	+.06	33	33	− 4	WSW	2	s	*	f	*	44	34	0.12
	Lyons	29.76	39	NW	3	o	29.76	+.05	35	?	− 7	NW	1	rh	*	o	*	49	35	0.08
	Nice	29.68	47	SE	1	b	29.58	−.04	43	40	0	L	0	bc	2	b	*	57	37	—
	Perpignan	29.70	53	N	2	o	29.75	.00	44	41	− 2	NW	2	o	*	o	*	59	44	—
	Biarritz	29.72	48	N	3	o	29.76	+.03	42	41	− 8	ENE	1	o	2	o	*	54	41	0.35
	Corunna	29.77	52	NE	4	o	29.78	−.04	50	46	+ 6	NE	1	f	5	o	*	55	45	—
	Lisbon	29.63	49	NNE	5	b	29.73	+.04	53	49	+ 3	N	1	c	*	b	*	55	46	0.04
	Azores (P. Delgada)	29.96	55	NE	3	b	29.80	−.14	54	52	+ 4	E	5	o	6	b	*	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 0.3 *hrs.*

WEATHER CHARTS

FOR Sunday, 25th March, 1900.

BAROMETER, WIND AND SEA.

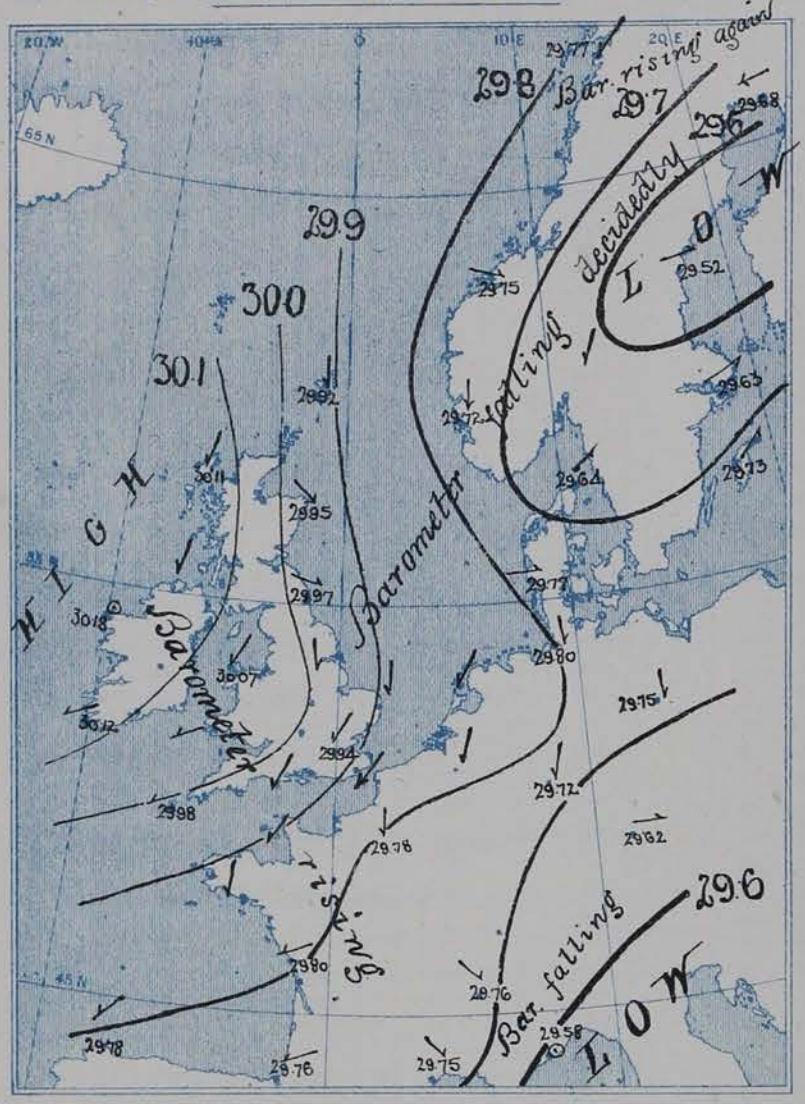
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough : *High*



TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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

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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

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

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 ins: and upwards in an anticyclone with its eastern borders over Ireland and the west of Scotland.
Lowest, 29·6 ins: and less, in a shallow depression over the Gulf of Bothnia and the central parts of Sweden.
Gradients slight. Barometer rising slightly on our extreme southern and southern coasts and also in France and Spain, falling elsewhere, – briskly in Scandinavia and the north of Scotland.

TEMPERATURE

Highest, 53° at Lisbon, 50° at Corunna, 44° at Perpignan, 43° at Nice, 42° at Biarritz and 41° at Rochefort.
Lowest, 20° at Haparanda, 21° at Karlstad, and 25° at Stockholm; lowest in our Islands 35° at Loughborough Oxford Pembroke Falmouth Bell Rock
Frost occurred last night in several parts of the United Kingdom, the lowest temperatures recorded being (1) In the screen 29° at Nairn, and 31° at Leith and Loughborough; (2) On the grass 25° at Loughborough.

WIND

Moderate to fresh from the N^nd over the northern and eastern parts of the United Kingdom, the North Sea, the Netherlands and the northeast of France; NE on the west coasts of our Islands and France.
Variable in Germany, SW^2 in Denmark and the south of Sweden, NE^3 in the north of Scandinavia.

WEATHER

Fine in the west and south of Ireland and also in Sweden, but cloudy or dull in nearly all other parts of our area, with passing showers at Aberdeen and snow at Christiansund.
Slight rain fell yesterday in the north of Scotland, and somewhat larger amounts in Germany and the east and south of France

SEA

Slight or smooth generally, but rather rough at Bodö and Lerwick Head.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

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

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NONE ISSUED.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	At 9·30 am to districts 0 and 1 "Hoist North Cone"

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·24	43	38	NNW	3	b	1
Sumburgh Head	30·29	41	38	NE.	1	o	4
Stornoway... ...	30·27	45	42	E	4	o	4
Aberdeen	30·27	41	36	E	3	bc	4
Shields	30·15	39	36	NE	3	o	4
Malin Head ...	30·19	44	40	E	3	b	2
Blacksod Pt.. ...	30·15	43	39	E	4	c	3
Holyhead	30·08	40	37	NE	4	o	3
Valencia	30·08	42	38	ENE	2	om	3
Scilly	29·97	41	38	ENE	3	c	2
Jersey	29·91	43	39	N	3	o	3
Portland Bill ...	29·95	40	37	NE	3	o	3
Dungeness ...	29·84	42	39	NE	5	c	4
London (Westminster)	29·92	41	38	NNE	3	o	*
Yarmouth ...	29·92	39	37	NE	6	c	5
Rochefort ...	29·80	45	43	NE	3	o	*

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

Weather in morning cloudy or dull over the greater part of our Islands and the Continent, with showers of hail or sleet over eastern and central England. Rain falling at some of the French and Italian stations, and snow at Brussels, as well as in the eastern parts of Germany and Austria. Fine over Denmark, the Baltic, and the south of Scandinavia. A little rain falling later in the north of Scotland; no important change occurring elsewhere.

Temperature fallen in most places. Morning readings highest 56° at Nemours, 55° at Barcelona, Malta and Sfax, and 54° at Oran; above 50° at several of the Mediterranean stations. Lowest 9° at St Petersburg, 11° at Helsingfors, 13° at Haparanda, 14° at Hango; below the freezing point over northern and eastern Europe generally, and very little above it over Central England. Daily maxima below 40° over Eastern and central England, and below 45° in nearly all other parts of the United Kingdom; thermometer exceeding 55° in the south of France, and reaching 59° at Perpignan. Slight frost occurring at night over the northern and central parts of Great Britain.

Wind light to fresh from the E^ly or NE^ly over our Islands and the greater part of the Continent. W' or NW' in the extreme south of France; variable in Italy and Austria; calm in the Gulf of Bothnia. No important change occurring over Western Europe during day.

Barometer highest 30·3 in. and upwards over the southern part of Norway, 30·2 in. and upwards in an anticyclonic band stretching from Central Russia across the south of Scandinavia to Scotland and the northern parts of the Atlantic. Lowest 29·7 in. and less, in a large shallow depression over South Germany and the east and southeast of France and also in another system over the southern part of the Spanish Peninsula; 29·9 in. and less, in the north of Scandinavia. Brisk fall of the barometer taking place later in Scandinavia, and large depression advancing from the northward.

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 March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins
Scandinavia.	Haparanda	29.97	14	ENE	4	bc	30.07	+.39	1	-1	-19	NNW	2	b	•	bc	•	28	1	-
	Hernösand	29.88	19	NE	4	o	29.99	+.47	14	12	-22	N	2	b	•	o	•	37	14	0.12
	Stockholm	29.65	28	E	0	o	29.75	+.12	25	23	0	NNE	4	o	•	o	-	39	19	-
	Wisby	29.65	26	S	4	b	29.71	-.02	29	28	0	SSE	4	S	•	b	-	34	25	-
	Karlstad	29.60	30	SW	2	o	29.80	+.13	20	18	-1	NE	4	o	•	o	•	•	•	-
	Bodö	29.96	20	NNE	4	b	30.12	+.35	14	13	-14	E	4	b	1	b	•	28	10	-
	Christiansund ...	29.83	31	ENE	5	S	29.93	+.18	26	23	-8	E	6	b	4	S	•	34	25	0.08
	Skudesnaes ...	29.57	39	ENE	4	c	29.67	-.05	34	30	-1	ENE	6	c	3	bc.c	•	42	34	•
	Færder (X'iania Fjord)	29.53	35	ENE	2	o	29.72	+.07	23	21	-5	NE	6	o	2	o	•	36	23	-
	The Scaw (Skagen)	29.42	35	SE	2	m	29.55	-.09	31	30	-1	E	7	S	2	m	•	36	30	0.08
	Fanö	29.52	35	W	4	o	29.49	-.28	34	34	+1	SW	2	b	•	o	•	39	32	-
British Islands.	Sumburgh Head ...	29.89	35	N	5	c	29.85	-.07	34	31	-1	NNE	4	c	6	S,c	•	42	29	0.04
	Stornoway	30.06	40	NNE	6	sph	30.00	-.11	36	33	-3	NNE	6	o	6	shp	3.3	42	30	0.08
	Wick	29.92	36	N	6	o	29.87	-.11	37	36	-2	N	6	csu	5	o	•	42	32	0.10
	Nairn	29.93	39	NNE	5	o	29.90	-.13	36	33	-3	NNE	5	b	4	o	•	43	31	0.01
	Aberdeen	29.84	35	N	6	c	29.81	-.14	33	31	-5	N	6	csqp	6	qrrp	5.4	41	30	0.15
	Leith	29.90	40	E	3	bc	29.82	-.18	35	32	-2	NNW	3	c	•	bc	•	45	31	-
	Shields	29.80	38	N	2	c	29.70	-.27	30	30	-6	NW	3	S	4	c	•	43	28	0.11
	Spurn Head ...	29.74	38	NNW	6	c	29.63	-.28	34	33	-4	NW	6	b	4	c.qs	•	40	32	0.03
	Loughborough ...	29.73	38	WNW	2	o	29.73	-.27	33	31	-2	NW	2	bcm	•	c.og.bc	•	42	30	-
	Malin Head ...	29.98	40	NE	5	bp	29.96	-.17	38	34	-2	NE	5	b	4	cp.hp	•	42	36	0.02
	Blacksod Pt. ...	30.04	42	NNE	2	bcp	30.01	-.17	40	36	+3	ENE	5	bq	5	bcp	•	46	34	0.05
	Donaghadee ...	29.91	38	NE	4	cq	29.90	-.22	37	35	-1	NE	5	bcq	5	cq	•	44	34	-
	Liverpool (Bidston)	29.86	36	NNW	2	S	29.81	-.25	36	33	-1	N	2	bc	3	bc, s	•	40	31	-
	Holyhead	29.89	41	NNE	3	c	29.83	-.24	37	33	0	NNE	5	cp	4	c	•	41	33	0.08
	Parsonstown ...	29.95	43	NW	1	r	29.94	-.19	34	31	-2	NNW	1	b	•	c.r	2.7	44	29	-
	Valencia	30.02	42	N	3	bcm	29.94	-.18	40	35	-2.	NNE	5	bc	4	bcm	4.6	45	36	0.05
	Roche's Point ...	30.00	43	NNE	3	bc	29.87	-.23	37	34	-3	NNE	3	b	3	bc	•	44	34	-
	Pembroke (St. Ann's Hd.)	29.93	39	NNW	4	c	29.78	-.26	37	36	+2	NE	3	bcv	2	c.sp	2.4	41	34	0.11
	Scilly	29.94	40	NNE	3	o	29.72	-.26	38	38	-2	E	1	cp	0	o	0.3	44	36	0.01
	Jersey (St. Aubin's) ...	29.89	40	NNW	3	og	29.75	-.16	38	36	-2	NNW	3	ospm	3	c.og	•	44	37	0.01
	Portland Bill ...	29.87	39	N	3	c	29.75	-.21	35	34	0	NNE	1	b	2	c	•	41	32	-
	Dungeness	29.75	39	NNW	2	o	29.69	-.17	36	35	-2	NW	2	c	2	c.o	•	43	34	-
	London (Brixton) ...	29.79	39	NNW	3	o	29.71	-.23	34	32	-2	NW	2	c	•	bc.ps.og	1.2	41	32	-
	Oxford	29.83	37	NW	2	o	29.73	-.24	33	32	-2	NW	3	osp	•	o	•	41	30	-
	Yarmouth	29.74	38	NW	4	ogm	29.60	-.29	34	33	-4	NW	2	os	4	c.ogm	•	41	32	0.07
France & Netherlands. Germany.	Cuxhaven	29.61	36	W	2	o	29.53	-.27	35	34	+3	SW	1	o	•	o	•	39	32	0.04
	Berlin	29.67	32	SW	1	S	29.67	-.08	32	31	+1	SSW	1	o	•	S	•	36	30	-
	Wiesbaden	•	•	•	•	•	29.70	-.02	33	31	+1	N	3	c	•	•	•	37	28	-
	Munich	29.61	33	E	0	S	29.67	+.05	31	30	-6	NW	1	S	•	S	•	43	28	0.32
	The Helder ...																•			
	Brussels	•	•	•	•	•	29.68	-.15	33	33	+2	WSW	2	S	•	o	•	37	30	0.12
	C. Gris Nez ...	29.75	38	NNW	3	o	29.69	-.12	37	36	+1	NNW	3	o	3	o	•	43	34	-
	Paris	29.80	36	N	2	o	29.76	-.02	34	32	+1	SSW	2	S	•	o	•	39	32	-
	Brest	29.91	40	NE	1	o	29.79	-.12	38	37	-1	NE	1	o	1	o	•	45	37	-
	Lorient	29.82	39	NNE	4	o	29.79	-.09	38	36	-2	E	0	o	0	o	•	45	36	-
	Rochefort	29.80	43	NNE	3	o	29.78	-.02	38	37	-3	SE	2	c	•	c.o	•	46	34	-
	Belfort	29.64	34	WSW	2	S	29.73	+.03	29	28	-4	W	2	S	•	S	•	40	29	0.04
	Lyons	29.77	36	WNW	1	r	29.82	+.06	32	30	-3	NW	1	c	•	TS	•	41	31	0.04
	Nice	29.52	43	SE	1	b	29.55	-.03	43	36	0	E	3	b	2	b	•	55	37	-
	Perpignan	29.75	47	NW	3	c	29.78	+.03	43	37	-1	NW	2	o	•	c	•	53	42	-
	Biarritz	29.75	47	NE	3	o	29.73	-.03	42	39	0	E	3	o	2	o	•	50	41	-
Span. Pen.	Corunna																•			
	Lisbon														•		•			
	Azores (P. Delgada)	29.69	51	NE	5	o	29.73	-.07	52	49	-2	NE	4	o	4	o	•	55	48	0.82

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

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

Bright Sunshine yesterday Southport 5·4 *hrs.*

WEATHER CHARTS

FOR Monday, 26TH March, 1900.

BAROMETER, WIND AND SEA.

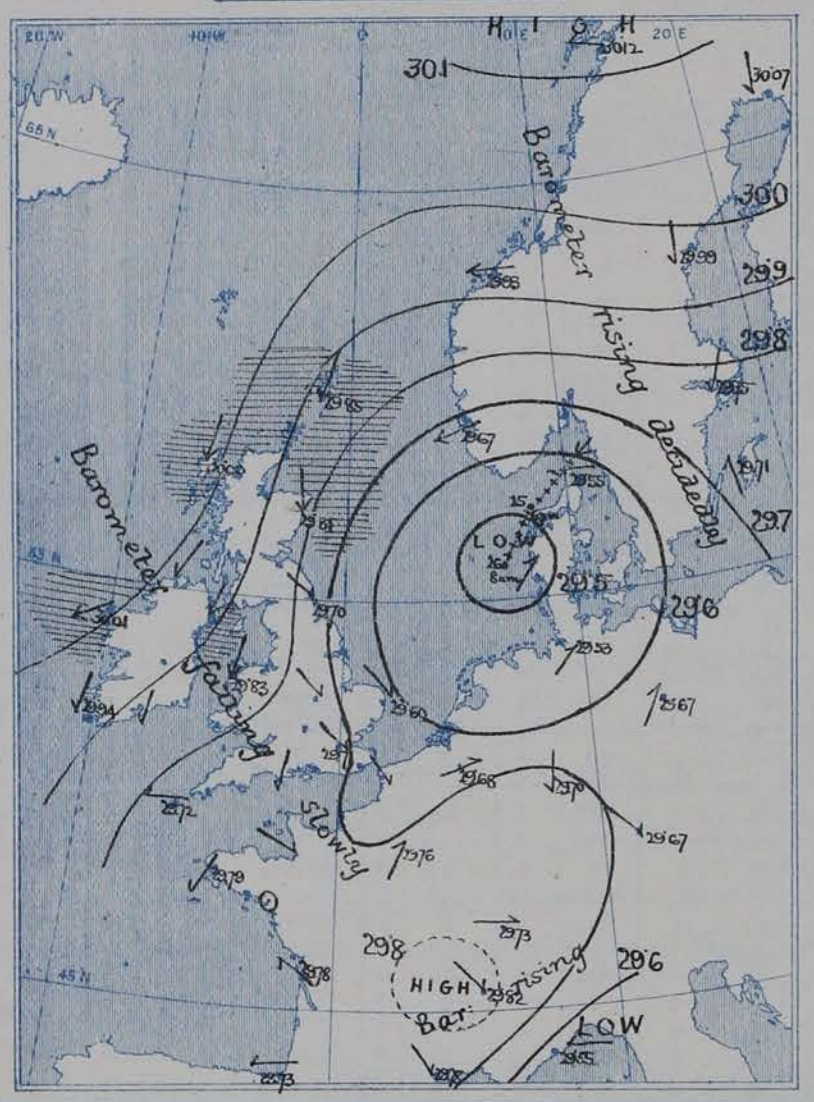
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

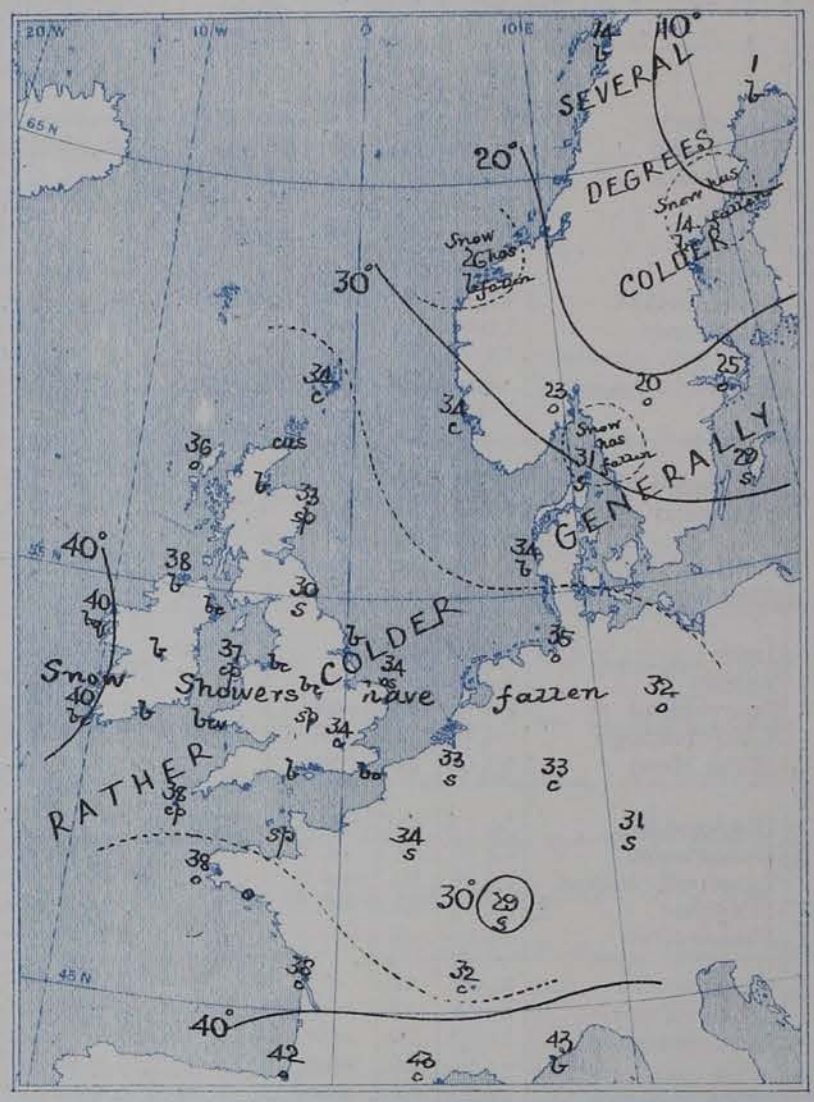


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

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

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 in: and upwards in the north of Norway; 30·0 in: and upwards on our more extreme northwest coasts.
Lowest, 29·5 in: and less, in a depression of moderate depth with its centre near Faroë. 29·6 and less, in another disturbance over the Gulf of Genoa.
Gradients moderate or slight generally, but rather steep over the east of Scotland.
Barometer rising briskly in Scandinavia, but falling in most other parts of our area.

TEMPERATURE

Highest, (1) 43° at Nice and Perpignan and 42° at Biarritz; (2) 40° at Blacknad Point and Valencia (Ireland).
Lowest, 1° at Haparanda, 14° at Bodö and Hernösand, and 20° at Karlstad; lowest in our Islands 30° at Shields.
Frost occurred last night in many parts of the United Kingdom, the lowest temperatures reported being: (1) In the screen 28° at Shields and 29° at Lerwick Hd. and Parsonstown; (2) On the grass 22° at Loughborough and 26° in London.

WIND

Strong from the E^ward or NE^ward on the Norwegian coasts and from the N^ward on the north and northeast coasts of Great Britain; light from the NW^ward over the central and southeastern parts of England, and from the SW^ward over the northeast of France, the Netherlands, Germany, and the south of Denmark; NE^ward on our western coasts; variable in the south of France; N^ward in Sweden.

WEATHER

Fine in Ireland and also over the northern part of Scandinavia.
Cloudy and changeable in most other parts of our area, with snow or sleet showers over Great Britain; snow is also falling in Belgium, Central France and South Germany, as well as at Skagen and Wisby.
Since yesterday morning snow or sleet has fallen in many parts of Western Europe.

SEA

Rough off the north of Scotland and rather rough off the north of Ireland, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the Danish coast is apparently moving in a southwesterly direction. Cold changeable weather is likely to continue over our Islands, with increasing winds from the N^ward (NW to NE) on all our northern and eastern coasts.

FORECASTS

For the 24 hours ending at NOON on 27th MARCH 1900

DISTRICTS.		FORECASTS.
1	SCOTLAND NORTH	N^ward to NE^ward gales or strong winds; squally, with snow showers.
2	SCOTLAND EAST	
3	ENGLAND N.E.	NW^ward to N^ward winds, increasing in force; squally with snow showers.
4	ENGLAND EAST	
5	MIDLAND COUNTIES	NW^ward winds, freshening; changeable, some snow showers.
6	ENGLAND SOUTH	
6	SCOTLAND WEST	N^ward and NE^ward winds, fresh; changeable, some snow showers.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	

WARNINGS

At 7·20 pm yesterday to districts 2, 3, and part of 5 "Hoist North Cone".
The signals are still flying in districts 0 & 1.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.60	42	39	NNW	6	6c	2
Sumburgh Head	29.88	34	34	N	4	8	6
Stornoway... ...							
Aberdeen							
Shields							
Malin Head ...	30.02	42	38	NE	4	c	3
Blacksod Pt.. ...							
Holyhead	29.98	40	36	NNW	8	c	2
Valencia							
Scilly	29.96	42	38	NNE	3	o	1
Jersey	29.91	43	38	N	4	c	3
Portland Bill ...							
Dungeness ...	29.81	43	38	NE	4	c	3
London (Westminster)							*
Yarmouth ...	29.79	41	38	NNW	4	c	4
Rochefort ...	29.82	45	43	NE	3	c	*

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

Continental Information not received

SUMMARY OF CHANGES IN THE WEATHER OVER EUROPE FROM THE 18TH TO THE 24TH MARCH 1900.

Throughout the earlier part of last week barometrical pressure was highest in an anticyclone lying over Sweden and Russia, and lowest in a depression which moved in a very irregular path over our own southwestern and western coasts. The latter system occasioned rain or sleet over nearly the whole of Western Europe, with an anticyclonic circulation of wind,—strong in force at first, but moderating later on all but our extreme northern coasts, where an Easterly gale blew on the 19th and 20th. At the commencement of the week another depression was situated over northern Italy and the Gulf of Genoa, but this afterwards dispersed quickly.

After the 20th the anticyclone spread westwards over the whole of Scandinavia, and eventually over our own northern districts Easterly winds (SE to NE) setting in over all but the southern parts of Europe, and blowing strongly on our own Eastern and southern coasts. In the western countries the weather was now influenced by a depression which appeared over the southern part of the Bay of Biscay on the 21st, and afterwards moved very slowly northwards and Eastwards, the system finally dispersing over Germany on the 24th. During the progress of this disturbance dull weather prevailed very generally with occasional slight falls of rain or sleet in our Islands and with heavier rains over France. At the close of the week the anticyclone in the north was drifting away to the westward, and a large depression was beginning to advance over Scandinavia from the northward or northwestward; increasing W. winds being reported over the northern parts of that Peninsula.

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 27th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min	Rainfall
		Ins.	°				Ins.	Ins.	°	°	°									Ins
Scandinavia	Haparanda	30·10	3	NW	2	b	30·10	+ ·03	4	3	+ 3	N	2	c	*	b	*	19	−2	—
	Hernösand	30·03	11	NE	2	b	30·02	+ ·03	7	7	— 7	2	0	b	*	b	*	27	7	—
	Stockholm	29·86	21	N	2	s	29·89	+ ·14	23	22	— 2	NNW	2	o	*	s	*	30	19	0·08
	Wisby	29·81	29	S	4	o	29·86	+ ·14	30	30	+ 1	SSE	4	o	*	o	*	34	23	0·08
	Karlstad	29·90	20	NE	4	c	29·91	+ ·11	18	17	— 2	NNE	2	s	*	c	*	*	*	—
	Bodö	30·08	18	E	2	b	29·98	— ·14	17	14	+ 3	E	4	b	1	b	*	25	12	—
	Christiansund ...	29·86	28	ENE	4	c	29·78	— ·15	26	22	0	ENE	3	b	4	c	*	30	21	—
	Skudesnaes ...	29·75	33	ENE	2	b	29·73	+ ·06	30	27	— 4	E	4	b	2	b	*	37	28	*
	Færder (X'iania Fjord)	29·82	24	NE	6	o	29·86	+ ·14	20	18	— 3	ENE	6	c	3	o	*	25	19	—
	The Scaw (Skagen)	29·71	30	E	5	s	29·75	+ ·20	30	29	— 1	ESE	5	s	1	s	*	31	27	0·04
	Fanö	29·63	31	Z	0	b	29·64	+ ·15	30	30	— 4	SE	1	bc	*	b	*	39	28	—
British Islands	Sumburgh Head ...	29·81	35	NE	4	b	29·64	— ·21	35	32	+ 1	SSE	1	o	4	c, b	*	39	31	0·08
	Stornoway	29·93	38	NE	5	o	29·68	— ·42	36	35	0	SW	4	r	4	shp.c.o	5·8	46	32	0·03
	Wick	29·83	34	N	3	o	29·62	— ·25	36	34	— 2	S	3	c	3	o	*	41	31	0·05
	Nairn	29·86	38	E	4	c	29·65	— ·25	36	34	0	Z	0	b	1	shp. c	*	42	31	0·02
	Aberdeen	29·80	34	N	6	bcsbq	29·67	— ·14	34	32	+ 1	WNW	2	bc	3	bcsbq	6·8	39	29	0·06
	Leith	29·81	36	NNE	3	bc	29·69	— ·13	36	32	+ 1	WNW	1	o	*	bc	*	41	32	—
	Shields	29·71	37	NNE	3	c	29·68	— ·02	31	31	+ 1	NW	3	c	4	s, c, s	*	40	29	0·18
	Spurn Head ...	29·63	35	NNW	5	c	29·67	+ ·04	33	33	— 1	NW	4	b	4	sq, c	*	40	31	0·03
	Loughborough ...	29·70	32	WNW	1	s	29·72	— ·01	30	29	— 3	WNW	2	c	*	c. os, bc	*	42	23	0·14
	Malin Head ...	29·92	38	NE	5	b	29·72	— ·24	39	37	+ 1	SW	3	r	2	b	*	40	37	—
	Blacksod Pt. ...	29·99	40	NNE	4	cpq	29·84	— ·17	40	38	0	NNW	4	cpqw	4	bcq. cqp	*	42	34	0·03
	Donaghadee ...	29·87	42	NE	5	csp	29·76	— ·14	35	34	— 2	W	2	cgs	3	csp	*	42	31	0·03
	Liverpool (Bidston)	29·77	36	NNW	4	bc	29·75	— ·06	37	32	+ 1	N	1	b	2	sp. bc	*	40	31	—
	Holyhead	29·80	41	NNE	5	csp	29·77	— ·06	37	35	0	NW	3	o	2	c, sp	*	41	34	—
	Parsonstown ...	29·90	39	NNW	1	b	29·85	— ·09	32	31	— 2	SW	1	c	*	b	9·3	44	26	—
	Valencia	29·94	43	N	4	bc	29·91	— ·03	41	39	+ 1	Z	0	o	3	bcr, bc	9·8	45	34	—
	Roche's Point ...	29·88	40	NNE	4	b	29·89	+ ·02	37	34	0	NNW	3	c	3	b	*	46	34	—
	Pembroke (St. Ann's Hd.)	29·78	38	NE	4	c	29·78	·00	34	33	— 3	N	2	csp	2	c	8·5	40	32	—
	Scilly	29·74	41	NNE	6	c	29·78	+ ·06	40	37	+ 2	N	5	chp	1	c	3·6	44	35	0·07
	Jersey (St-Aubin's) ...	29·70	42	ENE	2	og	29·73	— ·02	40	36	+ 2	NE	1	bcm	1	rsp. og	*	42	35	0·47
	Portland Bill ...	29·73	35	ESE	2	o	29·76	+ ·01	33	32	— 2	NNE	3	bcm	2	o	*	45	28	0·01
	Dungeness	29·68	37	NNW	2	c	29·69	·00	33	32	— 3	N	2	c	1	c	*	43	25	—
	London (Brixton) ...	29·66	37	NW	1	bm	29·71	·00	34	32	0	NW	1	og	*	o, pks. bm	0·4	42	32	—
	Oxford	29·72	33	NW	2	o	29·73	·00	33	32	0	NW	3	c	*	c, osp	*	43	31	—
	Yarmouth	29·62	39	NW	3	bc	29·64	+ ·04	33	32	— 1	WNW	3	cmg	4	sh, bc	*	41	30	0·01
Germany	Cuxhaven	29·65	37	Z	0	o	29·65	+ ·12	34	34	— 1	SW	1	c	*	o	*	41	34	—
	Berlin	29·71	38	SSW	1	b	29·76	+ ·09	31	30	— 1	SSW	1	b	*	b	*	41	28	—
	Wiesbaden	*	*	*	*	*	29·73	+ ·03	35	34	+ 2	SW	2	c	*	*	*	41	30	—
	Munich	29·75	32	SW	2	bc	29·71	+ ·04	32	31	+ 1	SE	3	c	*	bc	*	36	28	0·04
France & Netherlands.	The Helder ...	29·62	37	WSW	1	bc	29·59		32	32		S	1	s	1	bc	*	43	28	0·08
	Brussels	*	*	*	*	*	29·71	+ ·03	32	31	— 1	SSW	1	f	*	o	*	48	29	0·12
	C. Gris Nez ...	29·69	37	N	2	c	29·67	— ·02	33	32	— 4	NNW	1	o	1	c	*	45	32	—
	Paris	29·72	41	SW	2	o	29·71	— ·05	30	29	— 4	E	1	b	*	o	*	43	26	—
	Brest	29·69	40	NW	1	o	29·73	— ·06	34	32	— 4	NE	1	bc	1	o	*	48	32	0·16
	Lorient	29·68	42	SW	3	bc	29·67	— ·12	32	32	— 6	NE	5	s	3	bc	*	50	32	0·59
	Rochefort	29·72	46	ENE	1	o	29·61	— ·17	39	37	+ 1	E	3	c	*	o	*	52	37	—
	Belfort	29·74	33	SW	2	o	29·72	— ·08	30	28	+ 1	Z	0	m	*	o	*	38	26	0·04
	Lyons	29·81	34	N	1	b	29·76	— ·06	31	30	— 1	ESE	1	c	*	b	*	38	29	—
	Nice	29·60	47	SE	1	b	29·72	+ ·17	41	35	— 2	SW	1	c	1	b	*	55	39	—
	Perpignan	29·75	47	S	2	o	29·65	— ·13	43	42	0	NE	2	o	*	o	*	55	42	—
	Biarritz	29·64	50	NNE	3	b	29·61	— ·12	43	42	+ 1	SSW	2	r	2	b	*	55	42	0·08
Span. Pen.	Corunna														*		*			
	Lisbon														*		*			
	Azores (P. Delgada)																*			

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

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

Bright Sunshine yesterday Southport 6·1 hrs.

WEATHER CHARTS

FOR Tuesday, 27th March, 1900.

BAROMETER, WIND AND SEA.

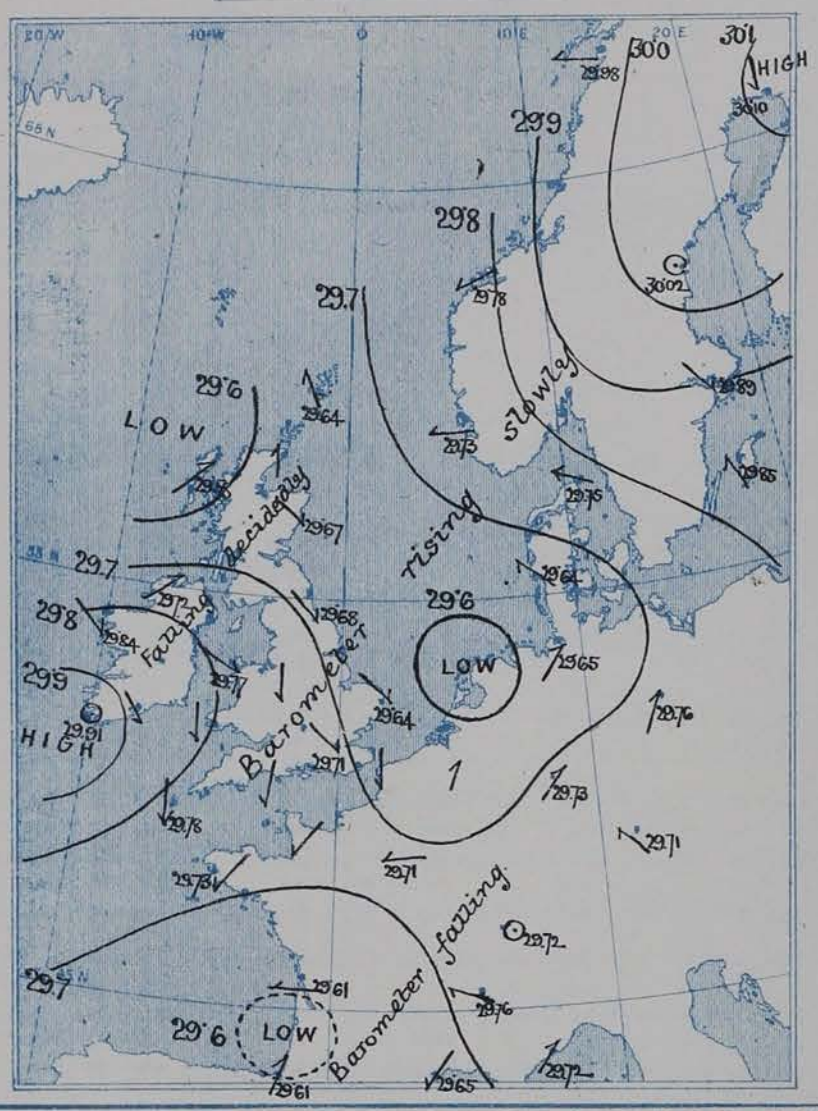
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▤ : *High* ▩

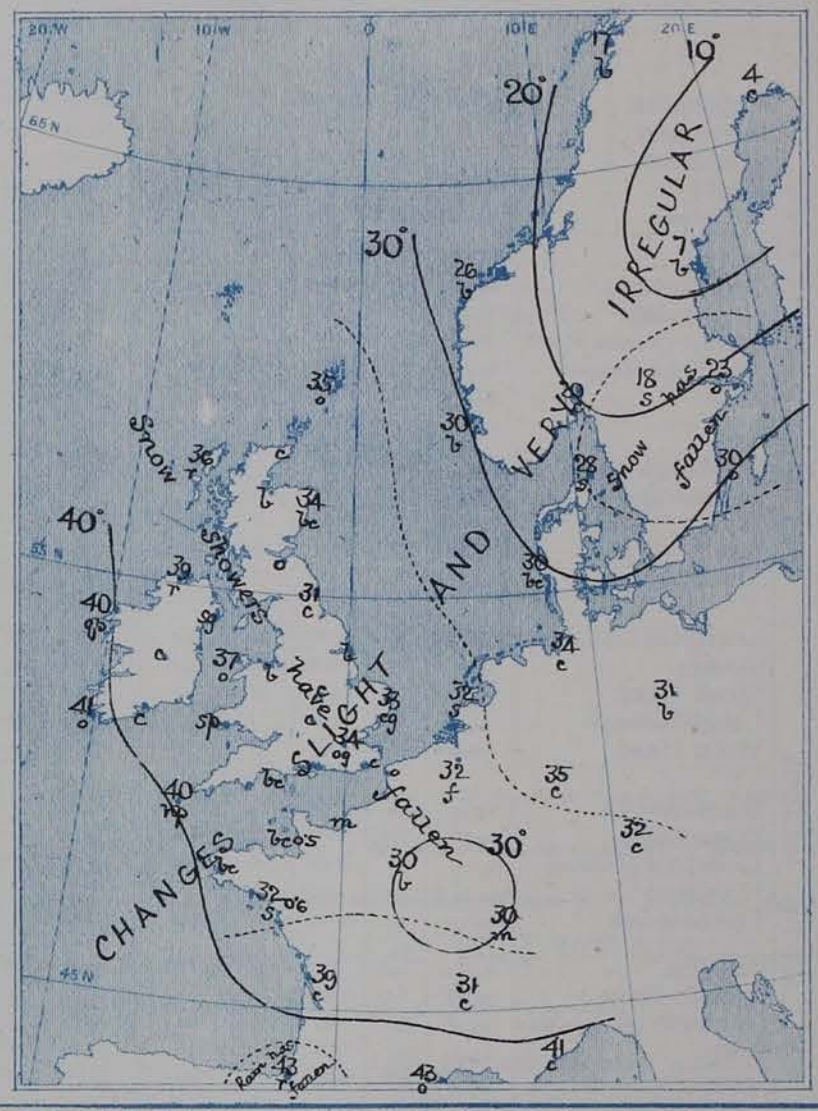


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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) 30.10 ins. at Haparanda, and above 29.9 ins. over all the N^rn. and central parts of Scandinavia; (2) 29.9 ins. and more to 29.8 ins. over the S^rn. half of Ireland.
Lowest (1) about 29.6 ins. in a shallow depression over the SW. of France, and in another (filling up) over the S^rn. part of the North Sea; (2) 29.6 ins. and less in a new and deeper one coming on from NW.
Gradients moderate to slight and very variable in direction.
Barometer falling decidedly at our NW^rn. and N^rn. stations.

TEMPERATURE

Highest 43° at Biarritz, 41° at Valencia (Ireland), 40° at Blacksod Pt. (Co. Mayo), 39° at Malin Head.
Lowest (1) 4° F. at Haparanda,) at Hernosand, 18° at Haldad; (2) 30° at Belfast and Paris, (3) 30° to 34° on our NE. coasts.
Though the Scotch temperatures differ but little from those of yesterday morning, they are now rising decidedly and the change seems likely to spread S^rd.

WIND

(1) Still NE.^ly over France and the Bay of Biscay, N.^ly in the Channel, and NW.^ly to N.^ly over England generally; in Norway it is E.^ly and freshening.
(2) In the north and west of Scotland, however, and in the north of Ireland it has backed to SW and is freshening.

WEATHER

Still fine or fair as a whole at the S^rn. and E^rn. stations; but has become rainy and unsettled in the extreme NW.
The rainfall measured at our N^rn. and NW^rn. stations today is slight, but there has been nearly 0.5 in. at Jersey, and 0.6 in. at Lorient. Over the S^rn. districts generally the falls have been slight and Bright Sunshine yesterday was greatest (9 hrs. to 5 hrs.) over our W.^rn. and NW^rn. districts. In the SE. there was very little. Isopraths

SEA

Moderate in the NW., N. and E., smooth in S.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow depression noticed over the North Sea yesterday seems to be filling up. A new and larger disturbance is now approaching Scotland from the N^wd. and threatens to bring milder and damper winds to all our neighbourhood shortly. Unsettled changeable conditions must soon be expected.

FORECASTS

For the 24 hours ending at NOON on 28^TH. MARCH. 1900

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW.^ly and W.^ly winds increasing in force, milder, rainy at times	6 SCOTLAND WEST	Same as No. 0
1 SCOTLAND EAST	Wind backing to SW and freshening, milder, some showers.	7 ENGLAND N.W.	Wind backing to SW, moderate, some rain.
2 ENGLAND N.E.		8 ENGLAND S.W.	Same as No. 5
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	Same as No. 0
4 MIDLAND COUNTIES	Same as Nos. 1 and 2.	10 IRELAND SOUTH	Same as No. 7.
5 ENGLAND SOUTH	N.^ly winds, backing W.^wd. light, fine, milder, not settled.	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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.73	37	32	ENE	6	be	2
Sumburgh Head	29.82	37	33	NE	4	c	6
Stornoway... ...	29.98	42	38	NE	5	c	5
Aberdeen	29.81	37	34	NNE	6	bcsp	6
Shields	29.71	39	36	NNE	4	c	5
Malin Head ...	29.94	40	35	NE	5	b	4
Blacksod Pt.. ...	29.89	40	37	NNE	4	cpq	4
Holyhead	29.81	39	34	NNE	5	c	4

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia	29.95	44	37	N	5	bcv	4
Scilly	29.73	42	38	NE	6	c	1
Jersey	29.75	37	36	SE	2	rsp	2
Portland Bill ...	29.75	38	36	ENE	2	o	2
Dungeness ...	29.68	41	38	NNW	3	c	2
London (Westminster)	29.69	40	34	NW	3	o	*
Yarmouth ...	29.61	41	36	NW	3	bc	4
Rochefort ...	29.76	50	48	SW	1	c	*

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

Weather in morning fine and bright over N^rn. Europe, fair over the greater part of England and over central Europe, occasional slight snow in many parts of France and the W. of our Islands. Some showers later over the N. and NW. of our Islands generally also in the English Channel and various parts of France; - amounts considerable at Jersey and Lorient. Slight graupel in many parts of England, amounts too small to measure.

Temperature in morning risen slightly over central Europe, but low generally for the time of year. Morning readings highest 58° to 50° on the S^rn. side of the Mediterranean, 50° at Rome and Lesina; above 40° over Spain, 40° on the W coast of Ireland. Lowest 1° F. at Haparanda, 4° at Archangel, 20° at Kuopio; 28° at Moscow, 23° at Kharkov, between 30° and 35° over the major part of central Europe and E^rn. parts of Gt. Britain. Rising later to between 40° and 45° over our Islands, and to between 50° and 55° in the W. and S. of France.

Wind NE.^4 to E.^4 over northern Europe, strong at the Skaw, NE.^4 to N.^2 over Scotland and Ireland, NW.^4 over England and the Channel; very variable and light over Spain and central Europe, S.^3 over Holstein and Saxony. A cyclonic circulation of rather strong winds over the northeastern parts of the Mediterranean. Hardly any change over NW^rn. Europe and our Islands later.

Barometer Highest (1) 30.12 ins. at Bodo, and 30.0 ins. or more in the extreme NW. and W. of our Islands; (2) 29.9 ins. and more to 29.8 ins. over the S. of Russia; (3) 29.8 ins. to 29.7 ins. over France. Lowest 29.5 ins. and less in a depression lying over the E^rn. part of the North Sea, 29.6 ins. and less in two shallow minima over the N^rn. parts of the Mediterranean and Adriatic. Depression over North Sea moving slowly to SW^wd. later, shallow local disturbance appearing over Brittany.

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 Wednesday, 28th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda	30.09	2	SW	0	b	30.06	-.04	-2	-3	-6	SW	0	b	*	b	*	19	-8	-
	Hernösand	30.04	8	SW	0	b	30.04	+.02	7	6	0	SW	0	f	*	b	*	27	1	-
	Stockholm	29.96	19	NNE	2	o	29.94	+.05	21	20	-2	NNE	4	o	*	o	*	30	19	-
	Wisby	29.88	29	SSE	4	b	29.80	-.05	31	31	+1	E	4	s	*	b	*	34	27	0.08
	Karlstad	29.93	26	NE	2	o	29.93	+.02	22	21	+4	NE	4	s	*	o	*	*	*	-
	Bodö	29.84	17	E	4	b	29.86	-.12	18	16	+1	E	4	b	1	b	*	23	14	-
	Christiansund ...	29.76	30	ESE	3	b	29.75	-.03	31	27	+5	ESE	4	b	4	b	*	31	26	-
	Skudesnaes ...	29.76	35	E	2	c	29.76	+.03	34	32	+4	ENE	4	o	2	c	*	37	30	*
	Færder (X'iania Fjord)	29.85	28	NE	5	o	29.85	-.01	27	26	+7	ENE	5	o	2	o	*	?	19	-
	The Scaw (Skagen)	29.75	33	ESE	3	s	29.76	+.01	32	31	+2	ESE	4	s	1	s	*	34	30	0.08
	Fanö	29.61	33	SW	0	o	29.62	-.02	33	32	+3	S	2	c	*	o	*	39	30	0.32
British Islands	Sumburgh Head ...	29.58	35	SSE	1	o	29.69	+.05	35	32	0	SW	0	o	4	c.o	*	38	29	-
	Stornoway	29.42	38	SE	3	o	29.78	+.20	36	35	0	NNE	4	s	4	r.o	0.2	44	30	0.20
	Wick	29.50	36	S	4	c	29.73	+.11	38	37	+3	NW	2	bc	3	s.c	*	39	29	0.05
	Nairn	29.48	35	W	1	r	29.75	+.10	35	33	-1	W	1	b	1	rhs	*	41	28	0.10
	Aberdeen	29.54	35	SSE	3	og	29.73	+.06	34	32	0	WNW	3	bc	4	c.og	2.2	41	30	-
	Leith	29.48	38	SW	0	o	29.70	+.01	38	34	+2	N	3	bc	*	o	*	43	32	0.02
	Shields	29.55	36	SE	2	opors	29.63	-.05	36	33	+5	NNE	3	c	3	r s h	*	40	30	0.12
	Spurn Head ...	29.58	36	S	2	bc	29.57	-.10	37	35	+4	E	2	r	3	bc, sp	*	41	33	0.01
	Loughborough ...	29.62	37	WNW	1	c	29.58	-.14	33	33	+3	NNE	2	af	*	c.m.s.f	*	43	30	0.14
	Malin Head ...	29.48	42	NW	5	bcp	29.72	.00	39	37	0	N	3	cp	3	c. bc p	*	43	37	0.03
	Blacksod Pt. ...	29.66	43	N	5	bcgrh	29.81	-.03	43	41	+3	N	5	c qp	5	c q p h	*	47	37	0.16
	Donaghadee ...	29.47	42	WNW	3	cp	29.71	-.05	38	37	+3	NNE	4	c q	5	o sp. ap	*	42	32	0.12
	Liverpool (Bidston)	29.58	33	SW	1	s	29.63	-.12	34	33	-3	NE	2	o	?	c r s	*	40	33	0.27
	Holyhead	29.55	41	SW	2	dm	29.62	-.15	39	37	+2	NE	2	cp	1	c, m d	*	41	35	0.22
	Parsonstown ...	29.63	43	W	1	c	29.73	-.12	40	38	+8	NNW	1	bc	*	c. p	2.4	47	31	0.05
	Valencia	29.76	47	W	4	og	29.83	-.08	45	40	+4	NNW	6	c q	5	c p. o g	2.6	47	44	0.12
	Roche's Point ...	29.72	45	NNW	5	cp	29.72	-.17	44	41	+7	NNW	5	b	3	ep	*	47	37	-
	Pembroke (St. Ann's Hd.)	29.68	42	W	5	c	29.63	-.15	40	39	+6	NW	4	cp	3	c	4.2	43	32	0.03
	Scilly	29.71	45	WNW	5	c	29.65	-.13	44	42	+4	NNW	6	cp	2	c	5.7	46	36	0.04
	Jersey (St. Aubin's) ...	29.75	42	WNW	3	bc	29.61	-.12	40	39	0	SW	4	opm	3	bc. q	*	43	34	0.12
	Portland Bill ...	29.72	40	NNW	3	c	29.57	-.19	39	38	+6	NNW	4	c	3	bc.c	*	43	31	0.11
	Dungeness	29.67	38	W	3	c	29.51	-.18	42	40	+9	SW	5	o	5	s. c	*	43	32	-
	London (Brixton) ...	29.66	38	W	2	bm	29.56	-.15	38	37	+4	W	1	o a	*	o.bm	0.0	42	33	0.12
	Oxford	29.65	35	W	2	b	29.56	-.17	37	37	+4	NNW	1	o	*	bc.r	*	43	32	0.05
	Yarmouth	29.62	35	NE	3	og	29.56	-.08	36	35	+3	SSE	4	o a	4	s, o g	*	39	32	0.07
France & Netherlands. Germany.	Cuxhaven	29.61	34	S	1	o	29.67	+.02	31	30	-3	S	1	b	*	o	*	37	27	0.16
	Berlin	29.70	39	S	2	b	29.70	-.06	37	35	+6	NE	2	o	*	b	*	46	31	-
	Wiesbaden	*	*	*	*	*	29.71	-.02	33	32	-2	W	1	b	*	*	*	43	28	0.08
	Munich	29.67	37	SW	0	o	29.66	-.05	33	33	+1	NW	5	s	*	o	*	43	32	0.08
	The Helder ...	29.63	35	SW	1	bc	29.63	+.04	32	32	o	SE	1	bc	0	bc	*	41	28	0.08
	Brussels	*	*	*	*	*	29.70	-.01	33	32	+1	SSW	2	o	*	b	*	37	26	0.04
	C. Gris Nez ...	29.69	37	W	1	o	29.57	-.10	41	38	+8	WSW	5	o	5	o	*	45	33	-
	Paris	29.69	41	N	1	o	29.74	+.03	27	27	-3	S	1	f	*	o	*	47	26	-
	Brest	29.80	41	N	2	c	29.67	-.06	42	42	+8	NW	3	o	4	c	*	45	41	0.32
	Lorient	29.76	44	NNE	5	bc	29.70	+.03	42	41	+10	W	3	c	3	bc	*	?	32	0.16
	Rochefort	29.69	43	ENE	3	c	29.79	+.18	39	37	o	S	1	o	*	c	*	52	34	-
	Belfort	29.65	38	N	2	o	29.71	-.01	32	30	+2	W	1	m	*	o	*	45	30	0.04
	Lyons	29.70	35	N	1	r	29.79	+.03	33	33	+2	NW	1	s	*	r	*	42	31	0.12
	Nice	29.65	39	E	6	r	29.55	-.17	43	42	+2	SW	0	o	3	r	*	48	39	-
	Perpignan	29.66	46	NW	3	o	29.76	+.11	43	39	o	NW	3	o	*	o	*	47	42	-
	Biarritz	29.67	46	W	5	r	29.80	+.19	39	37	-4	E	3	bc	4	rh	*	55	37	0.32
Span. Pen.	Corunna														*		*			
	Lisbon														*		*			
	Azores (P. Delgada)																*			

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

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

Bright Sunshine yesterday Southport 6.7 *hrs.*

WEATHER CHARTS

FOR Wednesday, 28th March, 1900.

BAROMETER, WIND AND SEA.

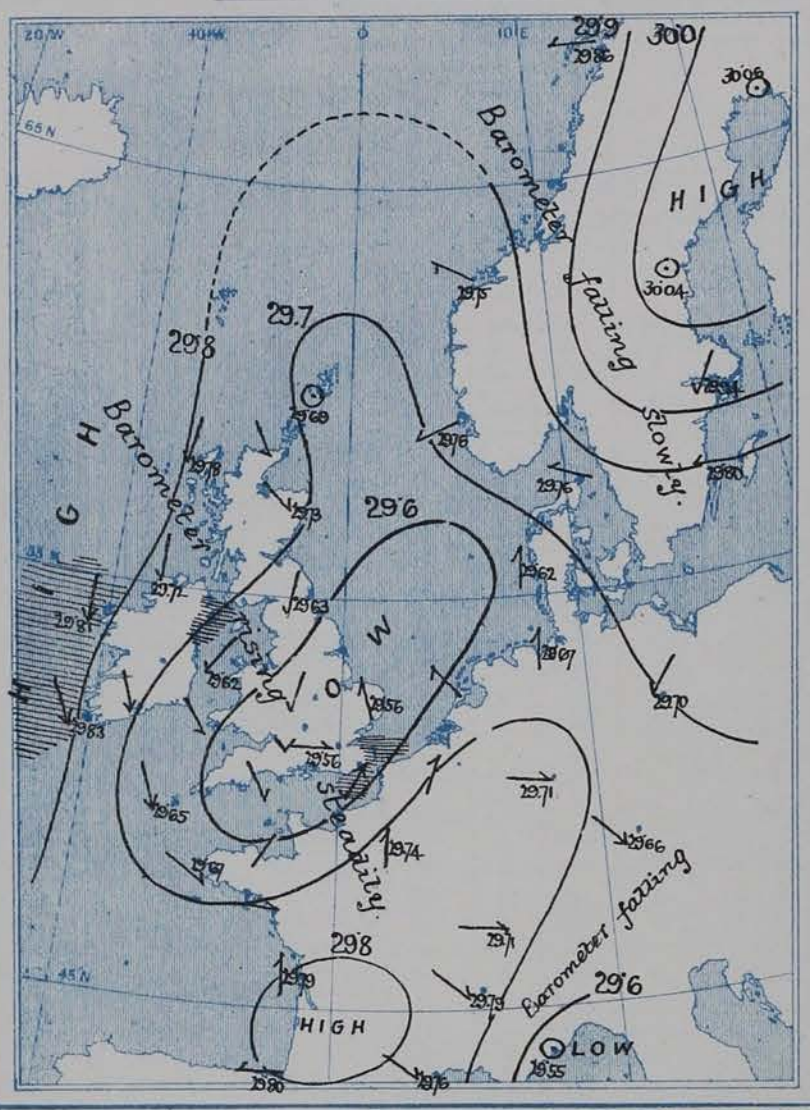
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

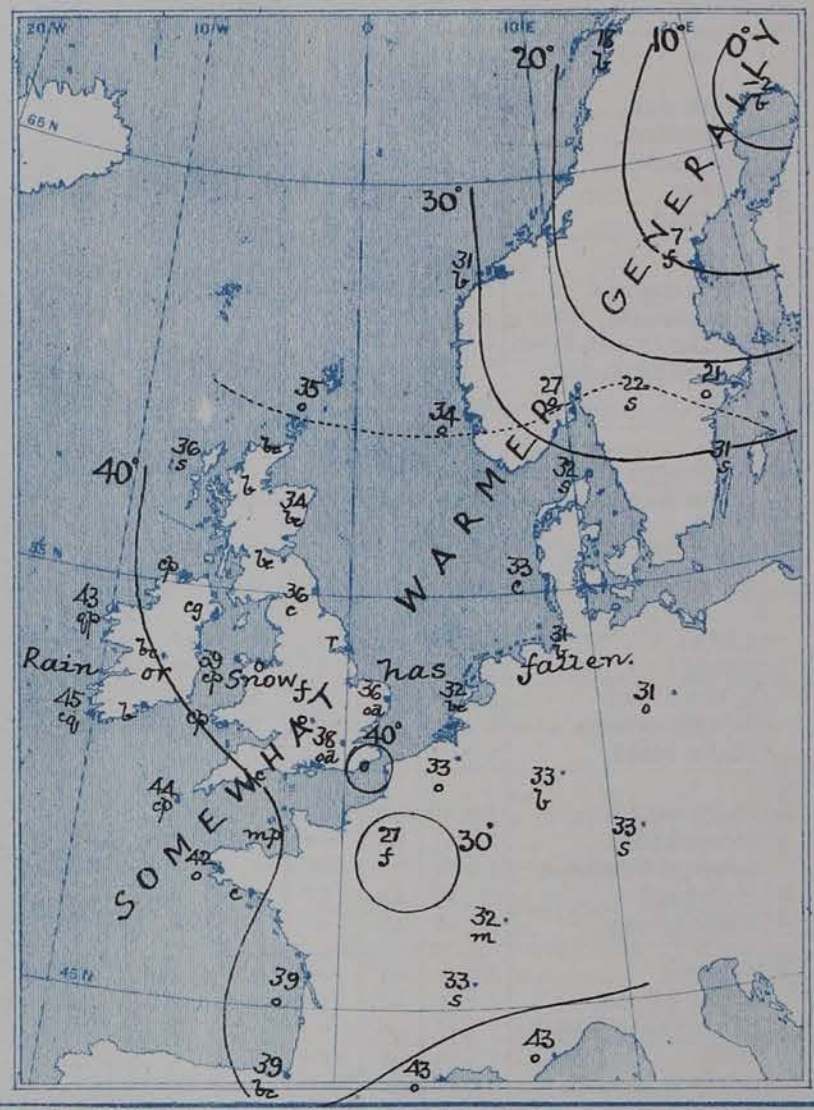


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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) 30·0 in: and more to 29·7 in: over the Gulf of Bothnia and the whole of Scandinavia; (2) 29·8 in: and more to 29·7 in: over Ireland, Scotland and France.

Lowest, 29·6 in: and less, in a complex, but shallow depression over the southern part of England and the North Sea, and in another over the Riviera.

Gradients slight. Barometer rising over Ireland, Wales and Scotland, falling over Scandinavia.

TEMPERATURE

Highest, 45° to 43° on the west and south coasts of Ireland and at the mouth of the Channel, 43° in the south of France.

Lowest, (1) −2° F. at Haparanda, +7° at Hernösand, 22° at Karlstad; (2) 27° at Nairn, 33° at Loughborough, 34° at Aberdeen.

At our western and southwestern stations the maximum temperatures recorded yesterday were 47° to 45°. The thermometer is now falling again generally.

WIND

N. to NW. again on our north and east coasts, W. to S. in the southeast. Over Scandinavia it is E., but in France it is nearly calm.

In the north and northwest it backed temporarily to S. and SW. yesterday it has veered since.

WEATHER

Fair as a whole in Scotland, dull and showery over Ireland and England, fair in France and Germany, rainy in the Riviera and at Biarritz.

Rain or snow and graupel have fallen very generally, but the amounts have been small in most places.

Bright Sunshine was considerable yesterday at Scilly and Pembroke, in most places it was slight.

SEA

Rather rough in the Straits of Dover and also off the west of Ireland, moderate to slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over our southern and southeastern districts is still moving southeastwards, and it is probable that in its rear the weather over our Islands tonight will be very cold again.

FORECASTS

For the 24 hours ending at NOON on 29th MARCH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	N. and NE. winds, moderate; colder, slight local showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Same as No 5
4	MIDLAND COUNTIES	Same as No 0 to 2.
5	ENGLAND SOUTH	SW. to NW. and N. winds; colder, some slight cold showers.
6	SCOTLAND WEST	N. and NE. winds, moderate; colder, finer, after a few cold showers.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	At 1·30 pm yesterday to districts 0 and 6 "Hoist North Cone". At 10·30 am today "Lower Cone".

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.73	37	33	E	2	c	2
Sumburgh Head	29.59	37	32	SSE	1	c	H
Stornoway... ...	29.38	H	42	S	H	c	H
Aberdeen	29.57	38	33	SE	2	c	3
Shields	29.61	40	36	E	0	c	3
Malin Head ...	29.52	43	41	NW	5	c	3
Blacksod Pt.. ...	29.72	HH	43	NW	H	c s p	5
Holyhead	29.70	39	37	W	1	c	1
Valencia	29.83	HH	41	W	4	c p	H
Scilly	29.82	42	38	NNW	H	c	1
Jersey	29.75	43	37	NNW	3	b c	3
Portland Bill ...	29.75	40	35	NNW	3	b c	2
Dungeness ...	29.69	40	36	NNW	1	s	1
London (Westminster)	29.67	42	36	WNW	2	o	*
Yarmouth ...	29.69	38	35	ENE	3	s	H
Rochefort ...	29.63	51	46	NE	4	c	*

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

Weather in morning very variable in different parts of Continental Europe, fair as a whole, but rainy and foggy in some parts of central and southwestern Europe with snow in places; fair to clear over many parts of Great Britain, but falling into an unsettled state at our northwestern stations. Rain, snow or hail falling later in nearly all parts of our Islands, the North Sea, Germany and France, most at Biarritz, graupel in several places. Solar halo seen at Pembroke.

Temperature continuing low and changing little and irregularly. Morning readings highest 63° at Algiers, 58° at Palermo, and above 50° at many Mediterranean and Adriatic stations, 49° to 46° in Portugal, 41° at Valencia, 40° at Scilly and Blacksod Point. Lowest −7° at Archangel, +4° at Haparanda, 12° at St Petersburg, 27° at Moscow, 29° at Kharkov, 30° at Wisby and Paris: (2) 30° at Loughborough, 32° at Parsonstown. Rising later to between 45° and 47° at several of our southwestern stations, to 52° at Rochefort, and 55° at Biarritz; not touching 50° at Nice.

Wind very variable over France and Central Europe. E³ over Scandinavia, NW¹ to N³ over the southern and eastern parts of our Islands. Backing to S^w on our extreme northwest coasts later and freshening a little. Becoming SW¹ very temporarily over Great Britain later, but soon veering again to the N^w.

Barometer highest (1) 30·1 in: at Haparanda, and exceeding 29·8 in: over almost the whole of northern Europe and Russia; (2) 29·9 in: to 29·7 in: over Ireland, and exceeding 29·8 in: over Central Europe. Lowest 29·6 in: and less, in two shallow depressions, one over the southern part of the North Sea, the other over the southern part of the Bay of Biscay. New depression advancing from north-northwest over Great Britain later, and barometer falling fast in northwest and north.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Thursday, 29th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb	Temperature. Change since Yesterday	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda	29.47	10	SSW	2	b	29.90	-.16	7	6	+9	2	0	0	•	b	•	19	-6	-
	Hernösand	29.95	16	2	0	o	29.88	-.16	19	19	+12	2	0	0	•	o	•	21	-8	-
	Stockholm	29.92	25	2	0	b	29.84	-.10	22	21	+1	NNW	4	0	•	b	•	30	19	-
	Wisby	29.80	29	ESE	4	s	29.78	-.02	28	26	-3	NNE	8	0	•	s	•	34	25	0.04
	Karlstad	29.91	27	E	2	o	29.88	-.05	25	23	+3	E	2	0	•	0	•	•	•	-
	Bodö	29.94	21	E	4	b	29.62	-.24	23	21	+5	E	6	b	2	b	•	23	16	-
	Christiansund ...	29.67	35	NW	3	o	29.63	-.12	32	31	+1	NNW	8	s	5	o	•	37	30	0.12
	Skudesnaes ...	29.85	35	SSE	2	o	29.55	+.09	32	32	-2	SSW	6	s	4	bc.o	•	41	30	•
	Færder (X'iania Fjord)	29.87	30	E	2	b	29.86	+.01	28	27	+1	SSW	2	bc	1	b	•	30	25	-
	The Scaw (Skagen)	29.82	31	E	4	o	29.86	+.10	32	31	0	2	0	0	0	o	•	32	30	-
	Fanö	29.78	31	2	0	b	29.84	+.22	29	29	-4	N	2	f	•	b	•	36	29	-
British Islands	Sumburgh Head ...	29.77	35	N	2	c	29.76	+.04	33	32	-2	2	0	bc	4	c.s	•	39	26	0.29
	Stornoway	29.87	38	N	3	c	29.81	+.03	36	32	-1	SW	3	c	3	sp.c	3.4	41	29	0.03
	Wick	29.81	39	NW	2	bc	29.82	+.09	37	36	-1	NW	2	b	2	bc	•	42	24	0.02
	Nairn	29.86	34	2	0	o	29.86	+.11	30	29	-5	W	1	b	1	ors	•	43	28	0.12
	Aberdeen	29.83	37	NW	2	bc	29.88	+.15	39	35	+5	W	1	bc	3	hp.c.bc	5.2	41	30	0.04
	Leith	29.84	39	2	0	o	29.88	+.18	35	32	-3	2	0	om	•	o	•	45	28	0.01
	Shields	29.79	39	NNE	2	bc	29.91	+.28	33	32	-3	W	2	c	3	rsp.c	•	42	28	0.04
	Spurn Head ...	29.73	40	NNE	3	bc	29.91	+.34	35	34	-2	N	2	csp	2	bc.sp	•	42	33	0.07
	Loughborough ...	29.75	37	NE	2	c	29.94	+.36	31	30	-2	NNW	1	b	•	c.bc.bm	•	43	24	-
	Malin Head ...	29.87	40	NNE	2	b	29.85	+.13	37	35	-2	SSW	2	og	2	b	•	44	36	-
	Blacksod Pt. ...	29.92	43	NNE	3	bc	29.84	+.03	42	40	-1	SSW	4	op	4	c.bc	•	46	33	0.04
	Donaghadee ...	29.83	42	NNW	3	b	29.90	+.19	35	35	-3	W	1	bc	2	b	•	43	29	-
	Liverpool (Bidston)	29.81	39	NNW	2	bc	29.93	+.30	36	34	+2	WSW	1	b	?	bcm	•	42	32	0.02
	Holyhead	29.84	40	NNE	3	b	29.92	+.30	38	37	-1	SE	1	om	1	c.b	•	40	33	-
	Parsonstown ...	29.88	44	NNW	1	bc	29.91	+.18	33	31	-4	SW	1	o	*	c.bc	3.0	46	26	-
	Valencia	29.94	46	NNW	4	bc	29.89	+.06	42	40	-3	SE	2	rm	4	bc.q.bc	8.0	48	35	0.02
	Roche's Point ...	29.88	47	N	4	bc	29.95	+.23	39	37	-5	N	2	c	2	bc	•	50	36	-
	Pembroke (St. Ann's Hd.)	29.81	41	N	4	o	29.96	+.33	42	41	+2	NW	1	bc	1	c.o	1.7	45	34	-
	Scilly	29.79	45	NNW	6	cp	29.98	+.31	44	40	0	N	3	c	2	c.cp	4.7	47	39	-
	Jersey (St. Aubin's) ...	29.89	46	NW	4	bc	29.94	+.33	43	38	+3	NNW	3	bc	3	bcp.hp	•	47	39	0.05
	Portland Bill ...	29.72	41	NNE	3	bc	29.96	+.39	36	34	-3	NNE	2	bm	2	cp.bc	•	48	31	0.04
	Dungeness	29.68	39	NE	2	r	29.86	+.35	35	34	-7	N	2	bc	1	c.r	•	43	31	0.04
	London (Brixton) ...	29.70	39	NNE	4	c	29.92	+.36	34	32	-4	NE	1	c	*	o.b.bc	0.0	43	30	-
	Oxford	29.79	34	N	1	b	29.95	+.39	33	32	-4	NW	1	bf	*	rsp.b	•	42	28	0.01
	Yarmouth	29.67	37	NE	4	orsp	29.85	+.29	38	35	+2	N	4	bcv	3	o.rsp	•	38	33	0.06
France & Netherlands. Germany.	Cuxhaven	29.71	37	E	1	b	29.83	+.16	30	?	-1	SE	1	f	•	b.f	•	39	28	-
	Berlin	29.75	38	NW	1	b	29.84	+.14	29	29	-8	NE	2	b	•	b	•	43	27	-
	Wiesbaden	•	•	•	•	•	29.80	+.09	33	31	0	NW	2	b	•	•	•	46	28	-
	Munich	29.73	33	SE	2	o	29.69	+.03	31	31	-2	NE	4	S	•	o	•	36	30	0.12
	The Helder ...	29.79	35	ESE	1	o	29.82	+.19	37	35	+5	NE	3	o	1	o	•	39	32	0.04
	Brussels	•	•	•	•	•	29.81	+.11	33	33	0	SSW	1	f	•	b	•	36	31	-
	C. Gris Nez ...	29.66	41	W	4	r	29.81	+.24	37	34	-4	NE	5	c	5	r	•	46	36	0.08
	Paris	29.69	44	SSW	2	bc	29.80	+.06	35	35	+8	NW	1	m	•	bc	•	49	27	-
	Brest	29.75	45	NNW	3	o	29.95	+.28	39	39	-3	NE	1	o	1	c	•	48	39	0.08
	Lorient	29.73	44	NNW	5	c	29.93	+.23	41	41	-1	N	3	bc	2	c	•	50	37	0.12
	Rochefort	29.68	46	NW	4	bc	29.84	+.05	41	39	+2	NNE	3	o	•	r.bc	•	48	37	0.08
	Belfort	29.75	36	N	2	o	29.76	+.03	30	29	-2	NE	1	m	•	o	•	44	29	-
	Lyons	29.76	40	N	1	b	29.76	-.03	35	33	+2	NNW	1	o	•	b	•	46	33	-
	Nice	29.72	47	W	2	c	29.45	-.10	44	37	+1	E	2	b	1	c	•	59	39	-
	Perpignan	29.75	47	NW	3	b	29.78	+.02	43	40	0	NW	2	bc	•	b	•	55	40	-
	Biarritz	29.76	49	WSW	1	o	29.85	+.05	48	43	+9	WNW	6	c	4	o	•	50	39	0.16
Span. Pen.	Corunna																•			
	Lisbon	30.13	50	NNW	5	b	30.19	+.29	49	47	+3	NNE	4	o	•	b	•	55	46	-
	Azores (P. Delgada)	30.11	58	SSE	6	o	30.03	-.14	55	55	0	ESE	5	r	6	o	•	61	54	0.28

For Explanation of Columns, see bottom of last page.

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

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

Bright Sunshine yesterday Southport 6.9 hrs.

WEATHER CHARTS

FOR Thursday, 29th March, 1900.

BAROMETER, WIND AND SEA.

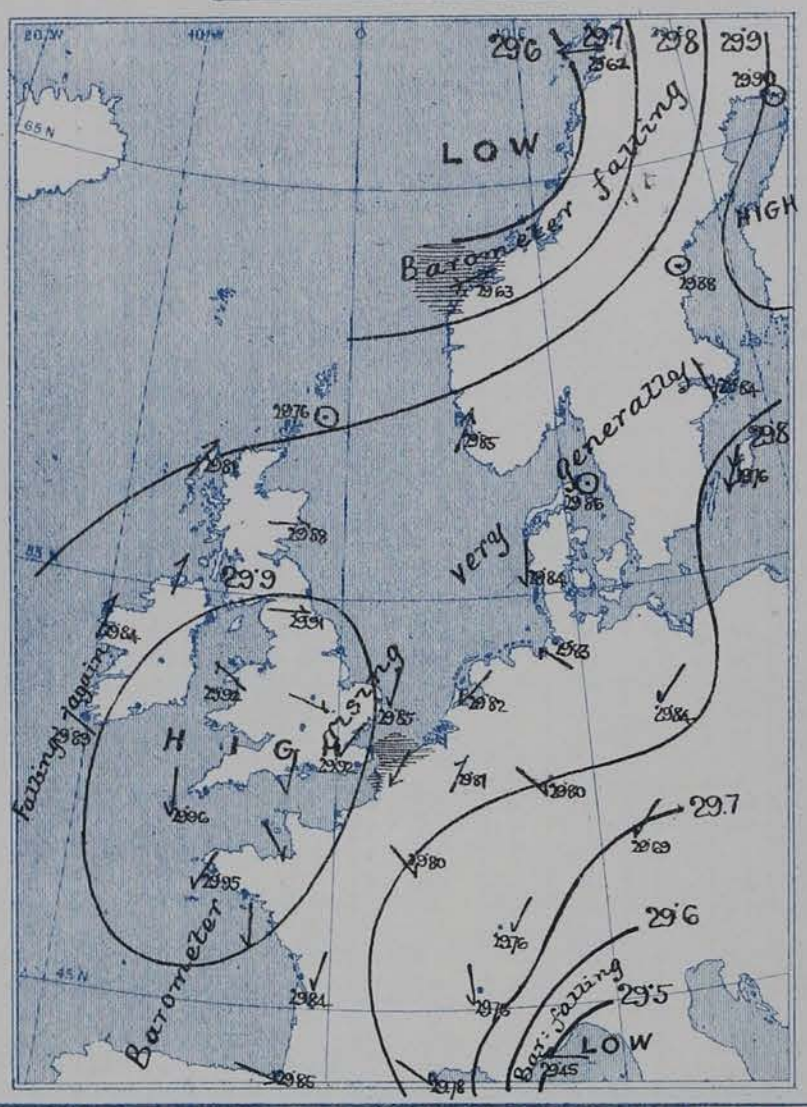
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

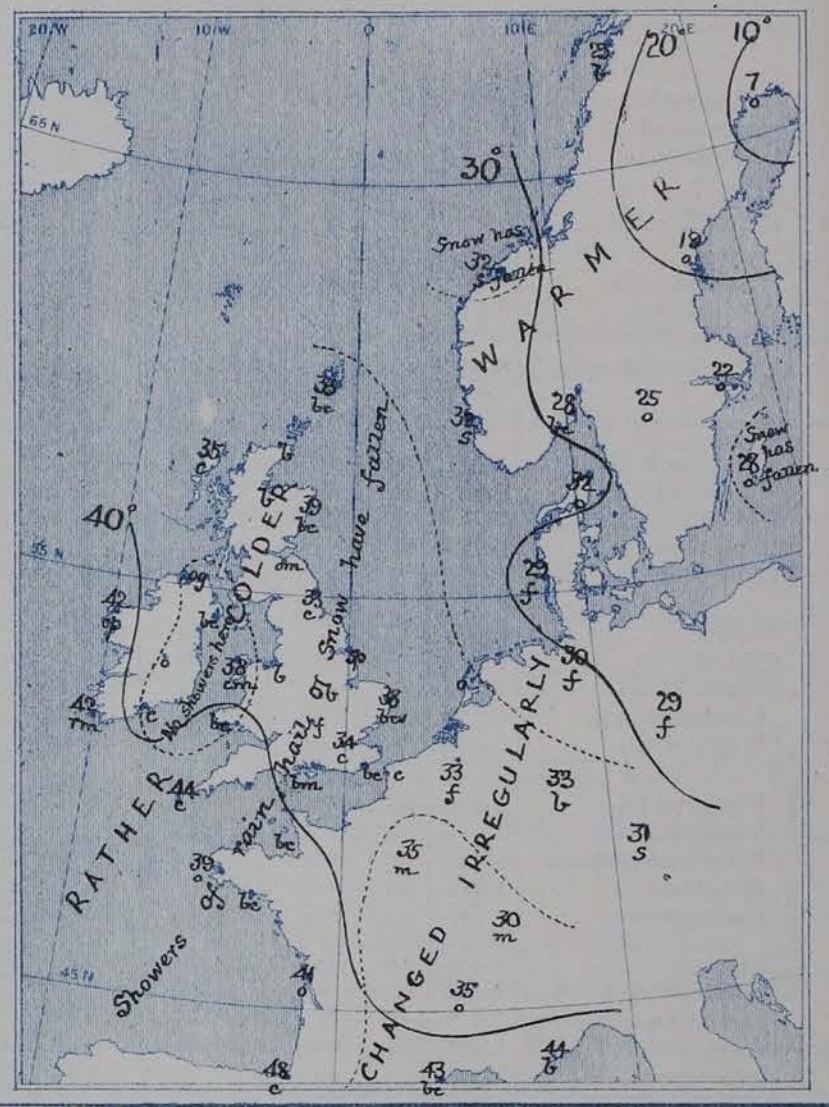


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

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	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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, 29·8 in: and more, in an anticyclone lying directly over Ireland and England, and exceeding 29·8 in: all over the British Islands the North Sea, Denmark and Sweden.
Lowest, (1) Below 29·6 in: off the northcoast of Norway; (2) below 29·5 in: over the Riviera.
Gradients slight. Barometer still rising over England, the North Sea, and the greater part of France, falling rather decidedly in the extreme west and northwest of our Islands and in the northwest of Norway.

TEMPERATURE

Highest, 48° at Biarritz, 44° at Nice and at Scilly, 42° in the west of Ireland, 43° at Jersey.
Lowest, (1) 7° at Haparanda, 22° at Stockholm, 29° at Berlin, 35° at Paris; (2) 30° at Nairn, 31° at Loughborough and 33° at Parsonstown.
The minima in the shade registered this morning were 21° at Nairn, 27° at Loughborough, and 26° at Parsonstown.

WIND

(1). N. to NE. at our southern and eastern stations, light and variable over the inland districts, but S. airs are setting in in the far west, and a SW. gale is reported at Christiansund.
(2) Over France the wind is N. to E.

WEATHER

Fine in most places, but snow showers still linger along our northeast coasts, and rain is setting in at Valencia.
There were snow and sleet showers in many parts of Great Britain and France yesterday.
Bright Sunshine amounted to 8 hours at Valencia and 4 to 7 hours in several part of the west of England. In the southeast there was hardly any.

SEA

Moderate in the far west, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone over England is slight and likely to disperse. Low pressure systems, with SW. and S. winds, are likely to come on us gradually (reaching England last) and rain is probable shortly in the west.

FORECASTS

For the 24 hours ending at NOON on 30TH MARCH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	W. to S. winds, increasing in force; becoming milder and showery.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Wind backing to the SW. 2; fine, milder, subsequently less fair.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	N. airs and Calms, then SW. and S. and milder weather.
6	SCOTLAND WEST	Same as Nos 0 and 1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SW. and S. winds, light, then freshening; fair to rainy.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29·81	41	36	SSE	2	bc	2
Sumburgh Head	29·74	38	33	N	3	c	4
Stornoway... ...	29·84	41	36	NE	3	c	3
Aberdeen	29·79	38	36	ENE	2	c	3
Shields	29·74	41	39	N	3	c	3
Malin Head ...	29·83	41	37	NE	2	b	3
Blacksod Pt.. ...	29·89	45	40	N	4	c	5
Holyhead	29·76	40	36	NE	3	c	2
Valencia	29·89	48	43	NNW	5	bcq	5
Scilly	29·70	46	43	NNW	6	c	3
Jersey	29·66	46	42	NW	5	bc	4
Portland Bill ...	29·65	41	39	NNW	8	cp	3
Dungeness ...	29·59	42	41	WSW	5	c	5
London (Westminster)	29·62	40	38	N	3	o	*
Yarmouth ...	29·61	37	36	NE	5	o	4
Rochefort ...	29·73	46	45	W	4	f	*

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

Weather in morning fair as a whole over nearly the whole of Continental Europe, slight showers occurring sporadically; less fair in the south and east of England (rain in places), but clearing up in the north and west as a whole. Slight local showers later in many part of our Islands and France – hardly any in the west. Eight hours of Bright Sunshine at Valencia. 7 hours at Southport.

Temperature risen somewhat in most places, but beginning to fall again in the west and north. Morning readings highest (1) 62° at Algiers, 60° at Malta, and 59° to 50° over the south and east of the Mediterranean and the Adriatic, above 40° over southeastern Europe; (2) 47° at Oporto, 45° at Valencia, 43° at Blackrod Point, 40° at Parsonstown, Pembroke and Jersey. Lowest (1) – 2° F. at Haparanda, + 4° at Archangel, 21° at Moscow; (2) 27° at Paris, 31° at Berlin; (3) 35° at Nairn, 33° at Loughborough. Rising later to between 45° and 50° over Central France and to 59° at Nice; falling towards night all over our Islands.

Winds (1) Calm in Sweden, E² in Norway, N¹ (varying slightly) in the north and west of our Islands, SW² to S² on our southeast coasts; (2) Very light and Variable over southwestern and central Europe; (3) a slight cyclonic circulation over the northeast of the Mediterranean. The N² breeze spreading all over our Islands later, and falling very light in force.

Barometer highest (1) 30·19 in: at Moscow, and exceeding 29·8 in: all over northern and eastern Europe; (2) 30·0 in: and more in the west of Portugal; 29·8 in: and more in the west of Ireland. Lowest (1) 29·6 in: and less, in a complex (shallow) depression over the south of England and the North Sea; also in a small depression over the Riviera and another in Austria. Rising decidedly in our Islands later, shallow depression moving southwards and partially filling up.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1

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

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

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

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

for 8 a.m. on Friday, 30th March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min.	Rainfall
		Ins.	°				Ins.	Ins.	°	°	°									Ins
Scandinavia.	Haparanda	29.79	13	SW	0	0	29.74	-.16	0	4	- 1	SW	0	b	*	0	*	21	0	-
	Hernösand	29.82	21	SW	0	0	29.81	-.07	18	17	- 1	SW	0	f	*	*	*	28	12	-
	Stockholm	29.91	25	W	2	b	30.02	+.18	23	22	+ 1	WSW	2	o	*	b	-	30	19	-
	Wisby	29.97	25	NNW	4	b	30.08	+.30	31	30	+ 3	SSW	4	b	*	b	*	?	23	-
	Karlstad	29.91	27	NE	2	b	29.99	+.11	27	26	+ 2	S	2	o	*	b	*	*	*	-
	Bodö	29.53	26	E	6	bc	29.54	-.08	29	27	+ 6	E	4	b	1	bc	*	29	21	-
	Christiansund ...	29.61	32	WSW	6	S	29.81	+.28	29	28	- 3	WSW	9	S	7	S	*	34	28	0.35
	Skudesnaes ...	29.93	37	SW	2	o	30.01	+.16	34	33	+ 2	NNW	2	o	2	bc.o	*	39	32	*
	Færder (X'iania Fjord)	29.85	34	SW	4	b	29.95	+.09	34	31	+ 6	WSW	5	bc	3	b	*	34	28	-
	The Scaw (Skagen)	29.97	32	SW	1	b	30.04	+.18	32	31	0	WSW	1	c	0	b	*	36	30	-
	Fanö	30.03	30	W	0	b	30.06	+.22	29	28	0	W	0	f	*	b	*	37	27	-
British Islands.	Sumburgh Head ...	29.79	32	N	1	o	30.01	+.25	31	31	- 2	N	2	o	4	o	*	40	28	0.10
	Stornoway	29.80	42	SW	3	o	29.98	+.17	37	36	+ 2	E	6	o	6	bc.o	5.6	44	33	0.15
	Wick	29.82	38	NW	2	bc	30.04	+.22	34	33	- 3	E	2	S	2	bc	*	44	33	0.05
	Nairn	29.84	42	W	0	b	30.00	+.14	36	34	+ 6	S	1	bc	1	b	*	43	28	-
	Aberdeen	29.88	39	SSW	2	c	30.02	+.14	40	36	+ 1	W	2	b	1	c	5.4	42	33	-
	Leith	29.88	40	SW	2	o	30.03	+.15	35	34	0	W	0	m	*	o	*	46	30	-
	Shields	29.91	39	SE	2	o	30.03	+.12	35	34	+ 2	WSW	1	cm	2	o,sp	*	43	31	-
	Spurn Head ...	29.93	39	NE	2	b	30.09	+.18	38	37	+ 3	SSE	2	b	2	b	*	44	33	-
	Loughborough ...	29.93	43	SE	1	c	30.09	+.15	28	28	- 3	W	0	cm	*	bc.bm.c	*	48	26	-
	Malin Head ...	29.82	43	NW	2	bcp	29.99	+.14	42	39	+ 5	S	1	b	1	bcp	*	44	36	0.01
	Blacksod Pt. ...	29.79	44	SSE	3	c	29.98	+.14	44	42	+ 2	W	1	b	1	cg p.c	*	45	38	0.08
	Donaghadee ...	29.86	44	SSE	2	c	30.02	+.12	40	40	+ 5	W	0	bc	2	c	*	47	32	0.04
	Liverpool (Bidston)	29.93	40	NW	1	bc	30.06	+.13	38	34	+ 2	SSE	1	c	?	bc.m	*	45	33	-
	Holyhead	29.90	42	S	1	cm	30.04	+.12	41	38	+ 3	S	1	cm	1	c.cm	*	45	37	-
	Parsonstown ...	29.84	41	S	1	o	30.01	+.10	40	39	+ 7	SE	1	o	*	o	0.4	44	32	0.02
	Valencia	29.83	47	WSW	2	c	30.01	+.12	46	45	+ 4	W	0	cp	3	r.bc.c	2.1	51	41	0.13
	Roche's Point ...	29.82	44	S	4	c	30.04	+.09	44	42	+ 5	N	2	c	2	p.c	*	46	39	0.02
	Pembroke (St. Ann's Hd.)	29.91	43	SW	3	c	30.02	+.06	41	40	- 1	E	3	bcm	3	c	5.3	46	39	-
	Scilly	29.89	44	WSW	4	r	29.95	-.01	46	45	+ 2	SE	4	c	2	c.r	5.8	51	40	0.14
	Jersey (St. Aubin's) ...	29.98	44	N	2	b	30.05	+.11	42	37	- 1	E	3	bm	3	bc.b	*	46	34	-
	Portland Bill ...	29.96	41	WSW	1	bc	30.06	+.10	40	38	+ 4	E	1	bc	2	b.bc	*	48	31	-
	Dungeness	29.93	41	E	2	b	30.05	+.19	42	37	+ 7	NE	2	b	2	b	*	45	32	-
	London (Brixton) ...	29.94	42	N	1	b	30.07	+.15	33	32	- 1	ESE	1	bf	*	c.b.f	2.6	44	28	-
	Oxford	29.97	39	W	1	o	30.09	+.14	31	30	- 2	W	0	bf	*	c.o	*	48	27	-
	Yarmouth	29.92	41	NNE	3	bv	30.06	+.21	37	34	- 1	NE	2	bcv	3	bv	*	43	31	-
France & Netherlands. Germany.	Cuxhaven	29.93	37	N	2	b	30.04	+.21	32	31	+ 2	E	2	b	*	b	*	39	30	-
	Berlin	29.93	39	SE	4	bc	30.02	+.18	30	28	+ 1	NNE	4	o	*	bc	*	48	28	-
	Wiesbaden	*	*	*	*	*	29.98	+.18	38	34	+ 5	N	1	c	*	*	*	46	33	-
	Munich	29.80	31	E	5	s	29.84	+.15	29	29	- 2	N	5	S	*	S	*	34	28	0.32
	The Helder ...	29.93	38	NE	2	b	30.04	+.22	37	35	0	NNE	2	b	2	b	*	41	36	-
	Brussels	*	*	*	*	*	30.02	+.21	35	35	+ 2	NE	3	f	*	f	*	39	33	-
	C. Gris Nez ...	29.94	38	ENE	2	bc	30.01	+.20	39	36	+ 2	NE	3	bc	2	bc	*	45	34	-
	Paris	29.91	41	N	2	bc	30.01	+.21	33	32	- 2	NNW	2	bc	*	bc	*	46	29	-
	Brest	29.97	46	NW	1	c	29.98	+.03	41	41	+ 2	SE	2	c	2	c	*	50	39	0.03
	Lorient	29.98	48	NW	4	c	29.92	-.01	39	39	- 2	E	3	c	1	c	*	50	39	-
	Rochefort	29.92	46	NNW	4	bc	29.94	+.10	38	?	- 3	SE	3	o	*	bc	*	50	37	-
	Belfort	29.81	33	W	0	o	29.91	+.15	27	27	- 3	W	0	f	*	o	*	45	23	-
	Lyons	29.88	36	N	3	o	29.91	+.15	36	34	+ 1	N	2	o	*	o	*	43	34	-
	Nice	29.46	40	E	2	c	29.54	+.09	41	33	- 3	E	1	bc	2	c	*	55	36	0.08
	Perpignan	29.86	46	NW	3	b	29.93	+.15	42	36	- 1	NW	3	b	*	b	*	54	40	-
	Biarritz	29.97	48	NNW	3	c	29.94	+.09	43	41	- 5	S	3	o	2	c.h	*	50	41	0.16
Span. Pen.	Corunna														*		*			
	Lisbon														*		*			
	Azores (P. Delgada)																*			

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

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

Bright Sunshine yesterday Southport 10.1 hrs.

WEATHER CHARTS

FOR Friday, 30th March, 1900.

BAROMETER, WIND AND SEA.

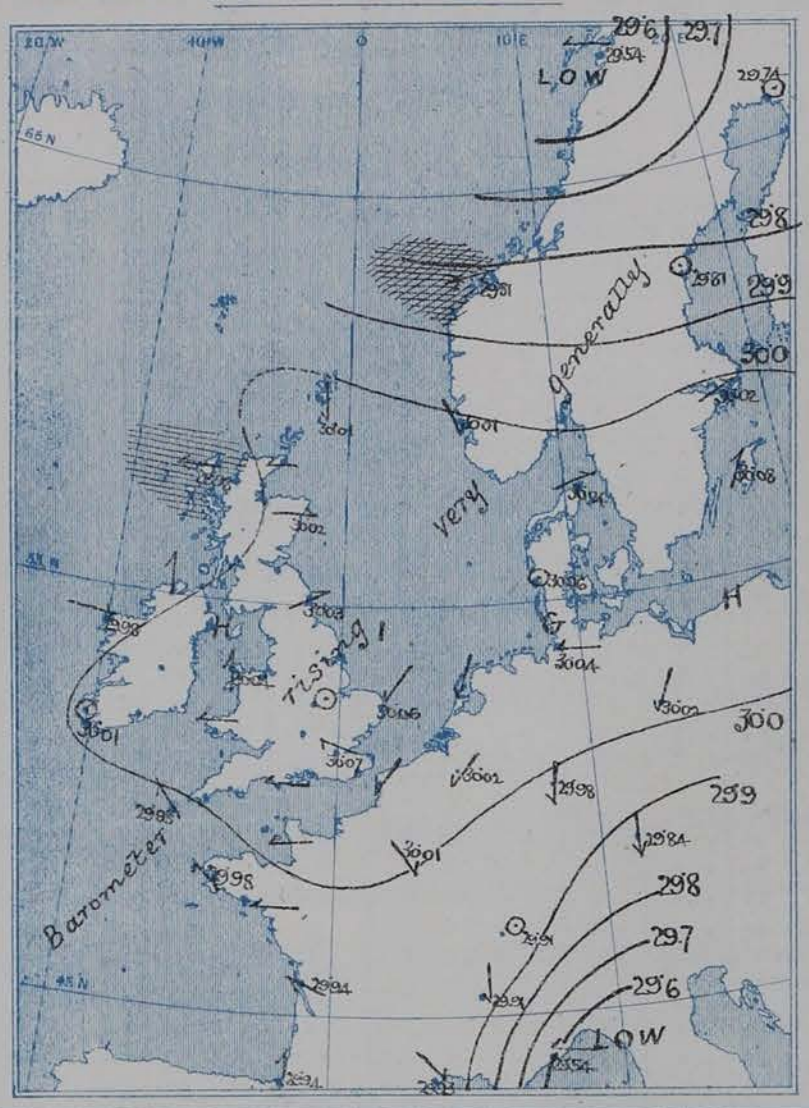
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough ▒ : *High* ▓

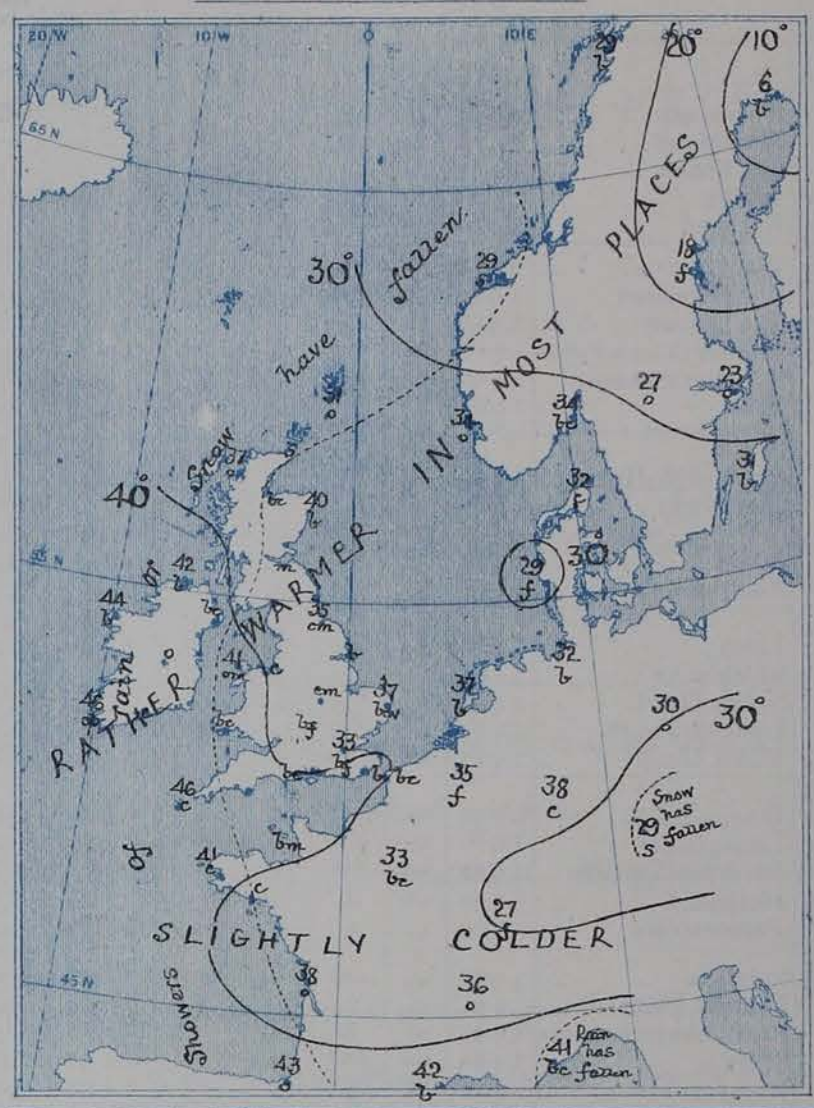


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. Means, 1871–95. (Inches.)	TEMPERATURE OF AIR. 1871–95. Means of Dry Bulb 8 a.m. °	Means of Wet Bulb 8 a.m. °	Means of Daily Maximum. °	Means of Daily Minimum. °	Absolute Extremes. Maximum. °	Years.	Minimum. °	Years.	RAINFALL Means, 1866—95. (Inches.)	BRIGHT SUNSHINE, Means, 1881—95. Hours.	Per cent. of possible.
Sumburgh Head	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	--	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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 in a large anticyclone covering our Islands, the North Sea, and the Baltic.
Lowest, (1) 29·6 in: and less, in a depression near Finmark; (2) 29·6 in: in another system over the Riviera.
Gradients very slight over our Islands, moderate in Norway, rather steep in the southeast of France.
Barometer rising generally.

TEMPERATURE

Highest, 46° at Valencia and Scilly, 42° at Malin Head, Jersey and Dungeness, 41° at Holyhead, Pembroke and Nice.
Lowest, (1) 6° at Haparanda, 23° at Stockholm: 27° at Belfort, 30° at Berlin: (2) 28° at Loughborough, 33° in London.
In the night the minima were 26° at Loughborough, 27° at Oxford, 28° at Nairn, 32° at Parsonstown.

WIND

Very light to calm, and anticyclonic over our Islands; Light and E. over France; W. a gale at Christiansund.
A faint S. air is reported at Malin Head.

WEATHER

Fair all over our Islands, but rather foggy in places. At Christiansund and Munich snow is falling.
A little rain fell yesterday both at our extreme northern and our eastern stations.
Bright Sunshine recorded yesterday was considerable everywhere, both at Southport and Littlestone on Sea it exceeded 10 hours.

SEA

Rough in the far north slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are no indications of any important change at present.

FORECASTS

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

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Calms and E. 24 airs; fair.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Calm or nearly so; fine, foggy in places, very cold tonight.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos 0 and 1.
7	ENGLAND N.W.	Same as Nos 3 to 5
8	ENGLAND S.W.	
9	IRELAND NORTH	Very light winds, becoming S. 24 in the west, and temperature rising late in day.
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Skudesnaes ..	29.89	39	36	SSW	4	bc	4
Sumburgh Head	29.70	39	36	WSW	4	c	5
Stornoway... ...	29.80	44	38	SW	4	c	4
Aberdeen	29.87	39	36	S	3	c	3
Shields	29.90	40	38	SE	2	c	3
Malin Head ...	29.82	44	40	SW	2	bc	1
Blacksod Pt.. ...	29.79	43	41	S	4	c gl	4
Holyhead	29.91	45	41	S	2	c	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia	29.80	50	47	WSW	3	bc	4
Scilly	29.95	49	45	S	3	c	2
Jersey	29.99	45	39	WNW	3	bc	3
Portland Bill ...	29.97	45	41	WSW	1	b	2
Dungeness ...	29.90	44	39	NNE	2	b	2
London (Westminster)	29.91	43	38	N	1	c	
Yarmouth ...	29.90	43	39	NNE	3	b	3 *
Rochefort ...	29.88	49	46	NNE	4	bc	*

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

Weather in morning fair over Russia as a whole, the North Sea, Great Britain, and nearly the whole of France and Spain. Rain and snow near Memel and Riga, rain over the north and east of the Mediterranean and a slight fall in the extreme west of our Islands. The fall in the west becoming rather more general later, 0·35 in: falling at Christiansund, and sporadic falls over Central Europe and the south of France.

Temperature low everywhere for the time of year. Morning readings highest (1) 63° at Malta, 62° at Athens, 59° at Brindisi, and above 50° over the southern parts of the Mediterranean; (2) 51° at Coruna, 48° at Biarritz, and above 40° at Scilly, Valencia, and Blacksod Point. Lowest (1) 7° at Haparanda, 22° at Moscow, 30° at Khartkoo; (2) 29° at Berlin, 30° at Belfort, 35° at Paris; (3) 30° at Nairn, 31° at Loughborough, 33° at Parsonstown. Rising later to 45° and more in many parts of our Islands, 51° at Valencia and Scilly, and 55° at Nice, but falling again considerably over England towards night.

Wind (1) light N^{ly} over France and NW^{ly} over Spain; nearly calm over England and the North Sea; (2) cyclonic circulation of strong winds off the northwest of Norway and slight S^{ly} wind on our own northwest coasts; (3) additional cyclonic circulations shown (a) in the Baltic Provinces, (b) in the northern parts of the Adriatic and Mediterranean, and (c) near Malta. The S^{ly} wind in the west becoming more general later, but remaining feeble in strength.

Barometer highest (1) 30·2 in: to 30·0 in: over the Spanish Peninsula, and exceeding 29·9 in: over England and Ireland; (2) 30·1 in: and more to 29·9 in: over Russia and the White Sea, and exceeding 29·8 in: over Sweden, Denmark, and the North Sea. Lowest, (1) 29·4 in: and less, in complex disturbances over the eastern parts of the Mediterranean; (2) 29·6 in: and less, in a depression near Memel, and in a larger disturbance off the northwest of Norway. Falling a little at our western stations later, rising in the east and southeast.

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, 31st March, 1900.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda	29.82	?	SSE	2	b	29.93	+.19	4	3	-2	N	2	b	•	b	•	19	1	-
	Hernösand	29.95	24	Z	0	b	30.14	+.33	30	30	+12	Z	0	b	•	b	•	39	10	-
	Stockholm	30.06	33	Z	0	b	30.17	+.15	30	27	+7	NNE	4	b	•	b	•	41	21	-
	Wisby	30.13	29	W	4	b	30.13	+.05	32	31	+1	NNW	4	b	•	b	•	36	21	-
	Karlstad	30.06	35	W	2	0	30.23	+.24	26	23	-1	N	2	b	•	0	•	••	•	-
	Bodö	29.71	33	WSW	6	S	29.88	+.34	35	33	+6	WSW	7	S	4	S	•	35	27	-
	Christiansund ...	30.10	29	WSW	7	S	30.32	+.51	32	30	+3	WSW	5	c	S	S	•	32	28	0.12
	Skudesnaes ...	30.20	33	N	4	bc	30.38	+.37	32	31	-2	N	4	b	1	o, bc	•	39	32	•
	Færder (X'iania Fjord)	30.07	36	NW	2	b	30.26	+.31	30	27	-4	NNW	6	b	2	b	•	36	28	•
	The Scaw (Skagen)	30.13	35	W	1	b	30.23	+.19	33	31	+1	N	3	b	0	b	•	41	32	-
	Fanö	30.22	34	NW	2	b	30.27	+.21	34	32	+5	NNW	3	b	•	b	•	39	28	-
British Islands	Sumburgh Head ...	30.19	33	NNE	1	o	30.35	+.34	35	33	+4	Z	0	c	4	o	•	36	28	0.01
	Stornoway	30.13	40	SE	4	c	30.22	+.24	42	40	+5	ESE	3	c	3	c	5.4	42	35	0.02
	Wick	30.17	41	E	3	o	30.34	+.30	40	38	+6	S	3	o	2	o	•	45	34	0.04
	Nairn	30.16	38	E	2	r	30.32	+.32	34	33	-2	W	1	b	1	r	•	39	27	0.03
	Aberdeen	30.18	40	ESE	2	bc	30.35	+.33	41	40	+1	SSE	2	c	2	bc.r	7.1	46	38	0.04
	Leith	30.13	42	S	2	o	30.35	+.32	35	34	0	Z	0	f	•	o.	•	49	28	-
	Shields	30.15	42	Z	0	c	30.36	+.33	33	33	-2	SW	2	2	2	cm.c	•	45	30	-
	Spurn Head ...	30.16	40	SSE	3	c	30.35	+.26	37	36	-1	NE	1	bw	0	c	•	44	34	-
	Loughborough ...	30.17	45	SE	1	c	30.38	+.29	28	28	0	NNW	1	om	•	cm.om	•	50	26	-
	Malin Head ...	30.10	45	SE	2	c	30.22	+.23	45	42	+3	S	2	b	1	b.c	•	48	38	-
	Blacksod Pt. ...	30.08	48	SW	2	b	30.19	+.21	47	44	+3	SSW	3	bc	2	b.bw	•	50	39	-
	Donaghadee ...	30.15	46	SSE	2	b	30.31	+.29	44	44	+4	SSE	2	cw	3	b	•	48	38	-
	Liverpool (Bidston)	30.18	41	E	1	b	30.36	+.30	41	37	+3	Z	0	b	?	bm	•	47	36	-
	Holyhead	30.17	45	WSW	1	bc	30.34	+.30	41	39	0	S	1	m	0	b	•	49	34	-
	Parsonstown ...	30.13	48	SE	1	o	30.28	+.27	43	42	+3	SE	1	c	•	o	0.1	50	35	-
	Valencia	30.13	50	WSW	2	bc	30.23	+.22	48	44	+2	SE	4	c	4	bc	8.5	51	38	0.02
	Roche's Point ...	30.14	47	ESE	3	bc	30.30	+.26	47	44	+3	S	5	b	4	bc	•	49	41	-
	Pembroke (St. Ann's Hd.)	30.17	47	E	1	b	30.33	+.31	39	38	-2	ENE	2	bcm	2	b	10.4	48	35	-
	Scilly	30.13	46	SE	4	c	30.30	+.35	47	44	+1	SSE	3	c	2	c	3.7	51	43	-
	Jersey (St. Aubin's) ...	30.14	45	NNW	2	b	30.35	+.30	45	41	+3	NNE	2	bm	2	bc.b	•	48	33	-
	Portland Bill ...	30.16	44	NNW	2	b	30.36	+.30	40	38	0	ENE	2	bm	2	bc.b	•	49	33	-
	Dungeness	30.14	41	NE	3	c	30.33	+.28	38	36	-4	NNE	2	b	2	b	•	46	28	-
	London (Brixton) ...	30.15	43	NE	2	bm	30.37	+.30	34	31	+1	E	2	bc	•	bc.b	2.0	48	29	-
	Oxford	30.22	36	E	1	b	30.38	+.29	32	31	+1	ESE	1	bcf	•	b	•	48	27	-
	Yarmouth	30.14	40	NE	3	b	30.35	+.29	37	35	0	NNW	1	bf	3	bv	•	43	32	-
France & Netherlands. Germany.	Cuxhaven	30.12	39	N	2	b	30.24	+.20	37	36	+5	N	2	b	•	b	•	41	32	-
	Berlin	30.03	34	NNE	5	o	30.08	+.06	34	32	+4	NNW	5	c	•	o	•	37	30	-
	Wiesbaden ...	•	•	•	•	•	30.16	+.18	38	31	0	N	2	c	•	•	•	45	34	-
	Munich	29.89	27	SE	2	S	29.99	+.15	27	27	-2	NW	4	S	•	S	•	34	27	0.59
	The Helder ...	30.15	37	NE	3	b	30.31	+.27	41	37	+4	NNE	1	b	1	b	•	41	36	-
	Brussels	•	•	•	•	•	30.32	+.30	32	31	-3	NNE	3	b	•	b	•	48	28	-
	C. Gris Nez ...	30.12	39	ENE	3	c	30.28	+.27	37	35	-2	E	2	o	1	c	•	46	36	-
	Paris	30.05	43	N	2	bc	30.26	+.25	32	32	-1	N	2	b	•	bc	•	46	32	-
	Brest	30.12	46	N	2	b	30.33	+.35	39	37	-2	E	1	b	1	b	•	54	36	-
	Lorient	30.06	46	W	1	c	30.30	+.38	38	38	-1	E	3	bc	3	c	•	54	36	-
	Rochefort	30.03	48	NNE	3	bc	30.18	+.24	38	37	0	NE	4	b	•	bc	•	57	36	-
	Belfort	29.91	37	NE	3	o	30.08	+.17	28	28	+1	ENE	4	s	•	o	•	41	27	0.04
	Lyons	29.93	39	NNW	2	o	30.07	+.16	34	23	-2	N	4	c	•	o	•	46	33	-
	Nice	29.63	43	E	1	bc	29.74	+.20	39	36	-2	E	4	c	2	bc	•	57	36	0.04
	Perpignan	29.91	49	NW	4	b	30.05	+.12	43	36	+1	NW	4	bc	•	b	•	52	41	-
	Biarritz	30.00	46	N	2	o	30.17	+.28	41	39	-2	E	1	o	3	o	•	50	41	0.39
Span. Pen.	Corunna														•		•			
	Lisbon														•		•			
	Azores (P. Delgada)																•			

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

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

Bright Sunshine yesterday Southport 5.2 hrs.

WEATHER CHARTS

FOR Saturday, 31st March, 1900.

BAROMETER, WIND AND SEA.

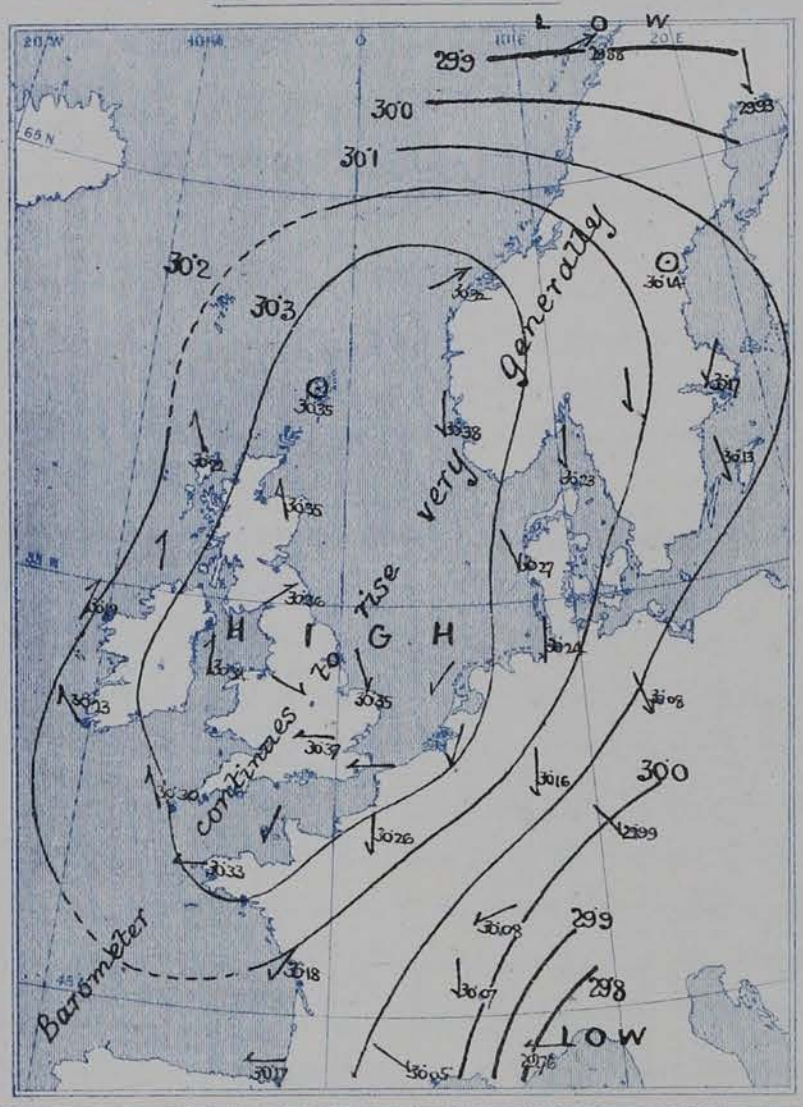
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

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

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

SEA.—Rough : *High*

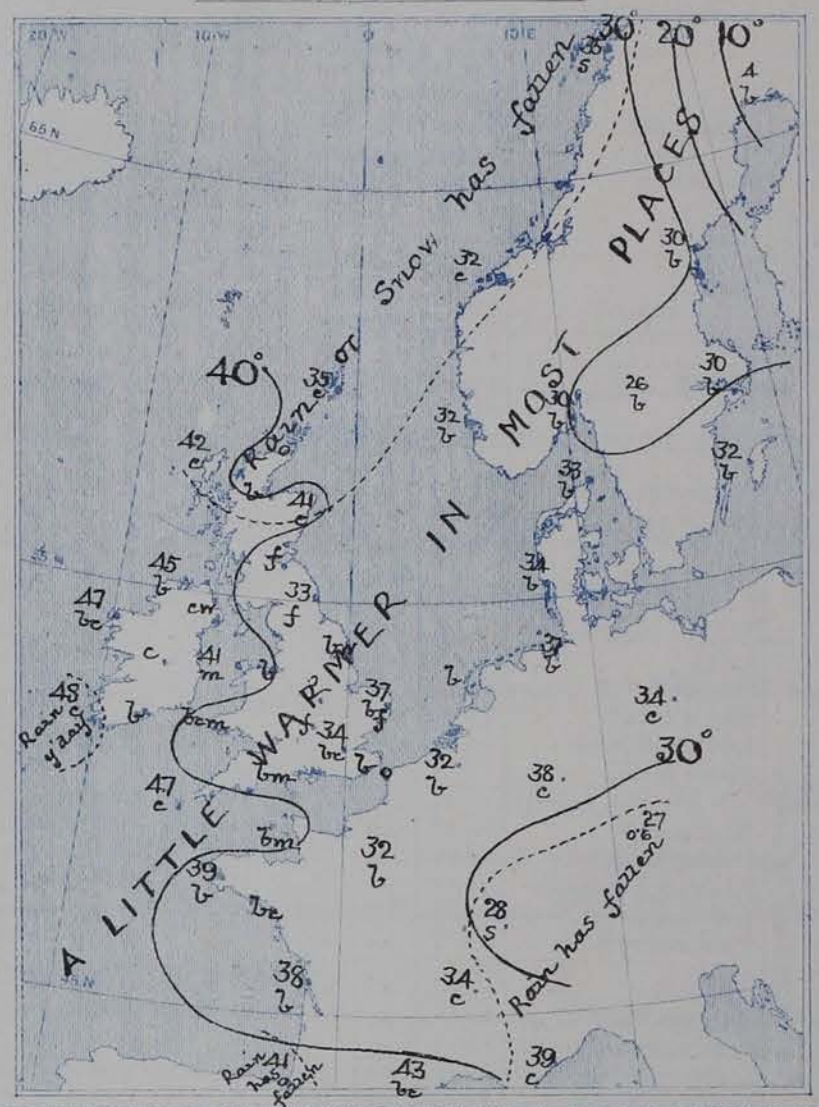


TEMPERATURE AND WEATHER.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale.

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



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

STATIONS	PRESSURE AT 8 A.M. Means, 1871–95. (Inches.)	TEMPERATURE OF AIR. 1871–95. Means of Dry Bulb 8 a.m. °F	Means of Wet Bulb 8 a.m. °F	Means of Daily Maximum. °F	Means of Daily Minimum. °F	Absolute Extremes. Maximum. °F	Years	Minimum. °F	Years.	RAINFALL Means, 1866—95. (Inches.)	BRIGHT SUNSHINE, Means, 1881—95. Hours.	Per cent. of possible.
Sumburgh Head	29·737	38·5	37·0	42·8	34·0	57	1893	18	1879	2·75	—	—
Stornoway	29·772	39·2	38·2	44·9	34·2	58	1872	13	1881	3·70	103·3	29
Wick	29·781	38·9	37·2	44·9	33·8	62	1894	15	1891	1·99	—	—
Nairn	29·802	37·9	36·2	45·9	33·4	65	1884	6	1892	1·68	—	—
Aberdeen	29·821	38·6	36·5	45·7	34·3	66	1889, 91, 92	10	1889	2·23	124·0	34
Leith	29·849	39·3	37·6	48·0	34·4	68	1884	19	1879, 81, 89	1·41	—	—
Shields	29·873	39·3	37·7	46·2	34·8	64	1884, 93	15	1889	1·74	—	—
Spurn Head	29·891	39·7	38·3	44·8	36·4	62*	1890, 93	24*	1886	1·19	—	—
York	29·904	38·5	36·9	48·4	33·8	68	1884, 92, 93	8	1883	1·66	109·1	30
Loughborough	29·931	38·6	36·9	49·8	33·8	69*	1884, 93	15*	1883	1·54	—	—
Ardrossan	29·861	40·1	38·6	46·4	36·1	63	1884	18	1891	2·30	—	—
Malin Head	29·842	41·0	39·3	46·5	38·5	—	—	—	—	—	—	—
Belmullet	29·882	43·2	41·4	48·4	39·3	—	—	—	—	3·80	—	—
Donaghadee	29·883	40·7	39·5	47·3	37·1	65	1874	25	1892	1·97	—	—
Holyhead	29·906	42·0	40·5	47·4	38·8	67	1894	27	1881	2·20	—	—
Liverpool	29·911	40·2	38·1	47·2	36·7	66	1871	21	1886	1·67	—	—
Parsonstown	29·925	40·1	38·6	49·9	34·9	66	1894	18	1891	2·20	114·7	32
Valencia	29·929	44·8	42·8	51·0	40·3	64	1871, 94	27	1886, 91, 92	3·87	135·3	37
Roche's Point	29·930	43·3	41·5	49·7	39·5	60	1895	27	1890	3·38	—	—
Pembroke	29·930	42·1	40·4	46·6	39·0	58	1872	26	1888	2·26	139·9	38
Scilly	29·946	46·0	44·1	49·5	42·3	59	1893	30	1883, 90, 91	2·28	—	—
Prawle Point	29·960	42·7	41·2	48·2	37·7	62*	1893, 95	23*	1883, 88, 90	1·88	—	—
Jersey	29·965	44·0	41·9	49·7	39·8	66	1871, 93, 94	21	1890	2·24	160·2	44
Hurst Castle	29·955	41·0	39·9	47·9	37·1	62	1877	21	1887	1·78	—	—
Dover	29·936	40·6	39·2	46·5	36·6	59	1894	13	1890	1·74	—	—
LONDON	29·949	40·0	38·1	50·1	35·2	71	1871	15	1890	1·43	72·3†	20†
Oxford	29·951	38·7	37·2	49·3	34·5	67	1884, 93	15	1891	1·50	119·7	33
Cambridge	29·941	38·8	37·4	50·6	32·9	70	1893, 94	14	1889, 90	1·34	127·4	35
Yarmouth	29·916	40·1	38·5	45·2	35·3	62	1884, 89	18	1892	1·73	—	—

* 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, 30·38 in: to 30·20 in: over the whole of our Islands and their neighbourhood, the anticyclonic central parts lying directly over England.
Lowest, about 29·8 in: both over Lapland and Riviera.
Gradient very slight in Great Britain and over the North Sea.
Barometer rising over our Islands, and indeed, over Western Europe generally.

TEMPERATURE

Highest, 48° at Valencia, 47° at Blackrod Point and Scilly, 42° at Aberaeron, 41° at Holyhead and Aberdeen, 40° at Portland Bill.
Lowest, (1) 4° at Haparanda, 26° at Karlstad, 27° at Munich, 32° at Paris; (2) 28° at Loughborough, 32° at Oxford.
It has again risen in Ireland, and over England the maxima reported yesterday showed a slight increase on those previously reported.

WIND

Still NE↗ and E↗ at the southern stations, but S↗ in the west and north of our Islands, WSW↗ in Norway, N↗ over the Baltic and Denmark.
The S↗ wind seems to be freshening in the far west.

WEATHER

Fine generally, in some places clear and bright, but in several localities foggy or hazy.
Very slight showers fell yesterday in Scotland and at Valencia; a considerable quantity of snow at Munich, rain at Biarritz.
Bright Sunshine recorded yesterday amounted to more than 10 hours in many places—most in the south-east and south-west.

SEA

Moderate in the extreme north and south-west, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone is large and increasing in intensity, but the freshening S↗ wind in the west points to the existence of some low pressure area over the Atlantic which may cause milder damper weather in Ireland and Scotland shortly.

FORECASTS

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

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S↗ and SW↗ winds, moderate; some rain, milder.
1	SCOTLAND EAST	S↗ breezes, light; fine, milder.
2	ENGLAND N.E.	
3	ENGLAND EAST	Variable and S↗ airs; fine, hazy at times, very little milder.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as No 0.
7	ENGLAND N.W.	S↗ airs; fair, milder.
8	ENGLAND S.W.	
9	IRELAND NORTH	Same as No 0.
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.		WIND.		WEA.	SEA.
		Dry.	Wet.	Direc.	Force.		
Skudesnaes ...	30·11	39	36	NNE	2	o	2
Sumburgh Head	30·13	35	32	N	1	o	4
Stornoway... ...	30·08	42	38	SE	4	e	4
Aberdeen	30·11	44	40	ESE	2	bc	1
Shields	30·11	43	40	E	2	em	2
Malin Head ...	30·07	47	43	E	f	b	1
Blacksod Pt.. ...	30·06	50	46	WSW	2	b	1
Holyhead	30·11	49	44	SW	1	c	1
Valencia	30·08	50	48	WSW	2	bcv	4
Scilly	30·06	49	46	SE	4	c	3
Jersey	30·11	48	40	ESE	2	bc	2
Portland Bill ...	30·12	46	42	S	1	bc	2
Dungeness ...	30·09	45	40	NE	3	b	2
London (Westminster)	30·10	47	40	NE	2	bc	*
Yarmouth ...	30·11	43	39	NE	3	b	3
Rochefort ...	29.98	55	50	ESE	1	bc	*

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

Continental Information will appear in Sunday's report.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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EPORTS FOR MARCH 1900.

2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING.									PAST 24 HOURS				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday	Direc.	Force (0 to 12.)					Max	Min.	
		Ins.					Ins.	Ins.	°	°	°									Ins.
2	Rocks Point	-	-	-	-	-	30·54	+25	-	-	-	-	-	-	-	-	-	-	-	-
3	Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	-	-
5	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·02
6	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0,6	-	-	-
7	Leith	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	-	-	-
"	Oxford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-
9	Dungeness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-	-
11	Pembroke	-	-	-	-	-	-	-	-	43	-	-	-	-	-	-	-	-	-	-
12	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-
13	Pembroke	-	-	-	-	-	30,62	+13	-	-	-	-	-	-	-	-	-	-	-	-
16	Pembroke	-	-	-	-	-	-	-	-	33	-	-	-	-	-	-	-	-	-	-
17	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5·8	-	22	-
"	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6·8	-	-	-
18	Aberdeen	-	-	-	-	-	-	-	-	-	-	WNW	-	-	-	-	-	-	-	-
"	Spurnhead	-	-	-	-	-	29.52	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Dungeness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-
"	London	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1·3	-	-	-
19	Spurnhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·03
20	Aberdeen	-	-	-	-	-	29.82	+36	-	-	-	-	-	-	-	-	-	-	-	-
"	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-
23	Malin Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Norain
26	Loughborough	29.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Roche's Point	-	-	-	-	-	29.92	-18	-	-	-	-	-	-	-	-	-	-	-	-
"	Dungeness	29.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	London	29.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Brest	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-
30	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·03
31	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	-	-	-

ADDITIONS AND CORRECTIONS TO THE

I. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING.									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max	Min.	
		Ins.	°				Ins.	Ins.	°	°	°									Ins.
1	Corunna	30·12	52	W	3	c	29·97	−·16	46	46	0	SW	3	r	3	c	-	54	45	0·24
2	Azores (P. Delgada)	30·08	55	SE	5	hc	29·99	−·20	57	52	+ 2	SE	5	c	5	hc	-	59	54	-
3	Azores (P. Delgada)	30·04	57	E	5	c	30·06	+·07	54	50	− 3	NE	4	c	4	c	-	61	52	-
5	Corunna	30·26	54	SW	1	c	30·09	?	42	41	?	N	3	o	3	c	-	54	39	0·12
6	Corunna	30·16	54	NE	3	b	30·17	+·08	40	37	− 2	ENE	1	h	2	h	-	54	32	-
7	Corunna	30·12	58	E	2	h	30·10	−·07	39	37	− 1	NE	3	b	2	b	-	58	34	-
8	Corunna	30·12	54	NE	3	h	30·09	−·01	46	44	+ 7	SSW	3	h	2	b	-	63	39	-
10	Blacksod Point	30·21	41	SE	1	o	30·22	·00	39	36	− 1	ESE	3	o	2	o	-	42	35	-
"	Corunna	30·04	54	W	2	hc	30·21		50	48	-	SSW	3	o	1	hc	-	57	46	0·08
-	Lisbon	30·13	51	WNW	3	b	30·14	−·03	47	45	− 2	N	1	f	-	h	-	59	45	-
12	Perpignan	30·20	54	SE	2	o	30·26	−·02	48	46	− 5	NW	2	r	o	o	-	59	46	0·16
"	Corunna	30·23	55	NW	1	b	30·36	+·23	48	46	− 2	NW	1	f	3	h	-	55	45	0·04
13	Corunna	30·39	57	NE	4	h	30·47	+·11	51	49	+ 3	NE	4	c	3	h	-	57	46	-
14	Blacksod Point	30·90	47	NNW	4	c	30·88	+·08	44	43	− 2	WNW	2	e p	1	c	-	50	42	0·01
"	Corunna	30·51	59	NE	3	f	30·48	+·01	51	48	0	NE	4	h	3	f	-	59	46	-
15	Blacksod Point	30·72	47	NW	2	h	30·29	−·59	46	45	+ 2	WNW	4	c q p	3	h	-	49	43	0·01
-	Corunna	30·43	50	NE	4	o	30·25	−·23	49	45	− 2	NE	4	h	3	o	-	54	43	-
16	Blacksod Point	29·96	46	NW	4	c	29·74	−·55	33	33	− 13	N	8	sq	6	c	-	49	30	0·11
"	The Helder	29·73	43	SW	4	o	29·43	−·64	39	-	− 3	W	3	o	5	c	-	43	37	0·08
"	Corunna	30·08	55	NE	4	h	29·89	−·36	?	?	?	NE	1	o	2	h	-	55	37	-
17	Blacksod Point	29·79	35	N	6	bc	29·64	−·10	32	31	− 1	N	2	s	2	hc	-	39	26	0·22
"	Corunna	29·76	52	N	5	f	29·73	−·16	50	45	?	N	6	o	5	f	-	54	43	0·16
-	Sumburgh Hd 2pm.	-	-	-	-	-	29·39	-	30	28	-	N	3	o	4	-	-	-	-	-
18	Sumburgh Hd.	29·41	28	N	1	o	29·58	+·20	29	28	+ 1	N	0	c	4	o	-	32	23	0·04
"	The Helder	29·50	37	W	1	o	29·59	+·14	30	-	− 3	SE	1	c	1	o	-	41	27	-
19	The Helder	29·63	34	SSE	1	m	29·49	−·10	38	-	+ 8	SE	5	o	2	m	-	41	30	-
-	Lorient	29·39	41	NW	4	r	29·32	−·23	41	-	+ 2	SW	4	r	4	r	-	48	32	0·35
20	Azores (P. Delgada)	30·01	54	NE	4	hc	29·99	+·02	51	45	− 3	NE	4	c	4	hc	-	61	48	-
21	Corunna	29·81	45	S	4	o	29·35	-	41	39	-	S	3	o	3	o	-	46	37	0·47
-	Azores (P. Delgada)	30·00	52	NE	3	hc	30·06	+·07	50	45	− 1	NE	2	hc	2	hc	-	59	46	-
22	Corunna	29·39	48	NNW	5	r	29·78	+·43	52	48	+ 11	NW	5	o	5	r	-	54	41	0·28
23	The Helder	29·69	43	E	5	o	29·80	+·15	37	-	− 3	ENE	5	o	5	o	-	48	37	-
-	Cape Gris Nez	29·51	48	ESE	2	m	29·65	+·19	41	-	− 1	E	5	o	5	m	-	54	39	-
-	Corunna	29·86	50	W	5	c	29·90	+·12	47	45	− 5	NW	6	o	5	c	-	54	43	0·28
24	The Helder	29·84	37	NE	5	o	29·88	+·08	35	-	− 2	NE	5	hc	5	o	-	37	32	-
"	Corunna	29·89	54	WNW	4	h	29·82	−·08	44	42	− 3	W	2	h	3	b	-	54	41	0·12
26	The Helder	29·60	39	NW	2	o	29·59	−·25	40	-	+ 5	NW	1	c	1	o	-	43	34	0·04
"	Corunna	29·76	55	NNE	4	b	29·73	−·05	42	41	− 8	NE	1	f	3	h	-	55	39	-
"	Lisbon	29·80	53	NE	5	o	29·77	+·04	53	50	0	W	2	o	0	o	-	61	48	0·32
27	Corunna	29·68	55	NNE	3	h	29·54	−·19	46	43	+ 4	N	3	hc	3	h	-	55	41	-
"	Lisbon	29·73	55	SSW	2	o	29·66	−·11	49	48	− 4	NNE	3	r	-	o	-	57	48	0·24
"	Azores (P. Delgada)	29·94	52	NNE	1	hc	30·02	+·29	54	49	+ 2	NNW	3	hc	3	bc	-	59	50	-
28	Corunna	29·84	49	NE	4	hc	29·97	+·43	44	41	− 2	NE	1	bc	3	hc	-	50	39	0·04
"	Lisbon	29·71	52	NNW	5	o	29·90	+·24	46	40	− 3	N	5	h	-	o	-	55	45	0·04
"	Azores (P. Delgada)	30·15	53	NNE	4	h	30·17	+·15	55	50	+ 1	SSE	4	hc	4	h	-	61	48	-
29	Corunna	30·00	48	NW	3	o	30·05	+·08	51	46	+ 7	NNW	3	o	4	o	-	54	44	0·08
30	Lisbon	30·21	50	N	3	h	30·24	+·05	52	47	+ 1	N	3	c	-	h	-	59	48	-
-	Azores (P. Delgada)	30·16	58	SE	5	o	30·19	+·16	58	58	+ 3	SSE	4	m	5	o	-	59	55	-
31	Corunna	30·16	53	NW	6	hc	30·28	+·16	51	49	0	NW	2	f	3	hc	-	55	46	-
-	Lisbon	30·30	51	NNW	2	b	30·34	+·10	53	49	+ 1	NNE	4	hc	-	bc	-	59	50	-
-	Azores (P. Delgada)	30·23	59	SSW	4	o	30·34	+·15	59	58	+ 1	S	2	m	3	o	-	63	57	-