

**METEOROLOGICAL OFFICE.**

---

**DAILY WEATHER REPORTS.**

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**1ST JANUARY TO 30TH JUNE, 1901.**

# DAILY WEATHER REPORT.

January to June 1901.

Map Showing Stations





# DAILY WEATHER REPORT

for 8 a.m. on Friday, 1<sup>st</sup> March,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather.	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.			Min.				
																			Ins.			Ins.
SCANDINAVIA.	Haparanda ...	29.87	-11	Z	0	b	30.06	+31	-23	?	-2	N	2	m	*	b	10	-24	*	-		
	Hernösand ...	29.83	1	Z	0	b	30.03	+43	-8	-9	-19	Z	0	b	*	b	19	-8	*	-		
	Stockholm ...	29.66	19	N	4	0	29.84	+45	15	14	-13	NNE	2	0	*	0	34	16	*	-		
	Wisby ...	29.57	27	NE	4	S	29.75	+42	28	27	-7	NNE	4	0	*	S	36	23	*	0.12		
	Karlstad...	29.74	18	N	2	b	29.91	+50	8	7	-19	N	2	S	*	b, S	*	*	*	0.04		
	Færder (X'ania Fjord)	29.63	24	NE	6	0	29.82	+48	15	14	-13	NE	6	0	3	0	28	14	*	-		
	Bodö ...	29.78	20	E	4	b	29.84	+21	19	18	+4	E	4	b	1	b	23	12	*	-		
	Christiansund ...	29.56	26	E	2	b	29.65	+16	27	25	+3	ESE	4	b	5	b	28	23	*	-		
	Skudesnaes ...	29.53	36	Z	0	0	29.59	+33	33	29	-2	ESE	6	0	2	0	37	32	*	*		
	Sumburgh Head	29.40	37	NE	1	C	29.29	-14	38	35	+3	ESE	5	0	6	b, 0	42	35	*	0.01		
BRITISH ISLANDS.	Stornoway ...	29.30	40	ESE	4	C	28.94	-53	40	38	+4	SE	5	0	5	b, c	44	34	7.3	-		
	Malin Head ...	29.22	42	S	2	b	28.64	-74	42	41	+2	S	4	c, g, n	3	b, c, b	47	39	*	0.05		
	Blacksod Pt. ...	29.07	47	SE	5	C	28.48	-98	45	44	+4	SSW	8	r, g, n	7	0, c	48	39	*	0.34		
	Valencia...	28.99	49	ESE	6	r	28.78	-74	44	40	+6	SW	7	om	7	0, p, r	51	37	3.5	0.60		
	Roche's Point ...	29.18	47	S	5	r	28.88	-67	41	40	0	WSW	6	r, g	5	c, r	51	40	*	0.48		
	Parsonstown ...	29.20	45	SE	1	0	28.75	-74	43	41	+3	SW	1	or	*	b, c, 0	51	39	6.5	0.12		
	Donaghadee ...	29.31	45	SE	2	c, g	28.77	-67	44	44	+4	S	3	b, c	5	c, g, r	47	40	*	0.23		
	Liverpool Obsy.	29.40	42	WSW	2	b, c	28.94	-55	43	42	0	SE	2	b, c	2	b, c, m, p	48	37	*	0.19		
	Holyhead ...	29.36	44	SSW	3	b, m	28.88	-60	45	44	+1	SW	4	b, c, m, p	3	c, b, m	46	42	*	0.12		
	Pembroke (St. Ann's)	29.40	46	SSW	5	C	?	?	46	44	+1	SW	7	b, c, g, u	6	c, p, 0	48	44	?	0.27		
GERMANY, &c.	Scilly (St. Mary's)...	29.35	39	S	5	om	29.07	-51	47	44	0	WSW	6	c, g	5	c, om	54	43	7.4	0.20		
	Jersey (St. Aubins)...	29.60	48	N	4	b, m	29.25	-39	49	47	+4	SW	4	om	4	p, b, c, g, p	51	42	4.4	0.13		
	Portland Bill ...	29.51	45	WSW	4	b	29.12	-48	45	44	+2	SW	4	b, c, p	4	c, m, b	47	40	*	0.28		
	Dungeness ...	29.48	44	N	2	op, f	29.20	-40	44	43	0	S	6	r	6	f, r, f	46	38	*	0.26		
	Wick ...	29.42	41	N	2	b	29.12	-37	40	38	+12	SE	7	c, u	4	b	45	26	*	-		
	Nairn ...	29.37	35	E	1	b	29.00	-49	39	36	+9	ESE	4	C	2	b	43	29	*	-		
	Aberdeen ...	29.42	36	ESE	1	b	29.14	-35	39	37	+5	SE	7	o, g, g	6	b	43	33	7.1	-		
	Leith ...	29.38	35	ESE	1	0	28.96	-53	41	39	+6	E	4	r	*	0	42	34	*	-		
	North Shields ...	29.41	40	E	2	0	29.04	-46	41	40	+5	ESE	5	r	4	0	42	34	*	0.06		
	Spurn Head ...	29.41	41	SE	4	m	29.10	-41	41	40	+2	SE	7	r, u	6	m	43	37	*	0.16		
FRANCE.	Yarmouth ...	29.45	43	S	3	C	29.20	-33	41	40	+1	ESE	6	g, g, r	5	b, c, m	47	38	*	0.07		
	Loughborough ...	29.43	46	SW	1	C	29.02	-51	44	43	+2	ESE	2	0	*	b, c, b, or	54	35	*	0.20		
	Oxford ...	29.45	41	SW	2	b	29.06	-51	45	44	+5	SSW	3	or	*	c, b, r	50	37	*	0.25		
	London (Brixton) ...	29.47	48	SSW	2	0	29.12	-45	46	45	+5	WSW	3	C	*	b, c, o, g, r	52	39	1.6	0.16		
	The Scaw (Skagen) ...	29.52	28	E	6	S	29.67	+41	25	25	-9	E	7	S	2	S	34	25	*	0.20		
	Fanö ...	29.53	33	SW	2	b	29.54	+16	33	32	-1	E	2	0	*	b	37	30	*	-		
	Cuxhaven ...	29.57	37	SW	1	0	29.49	+10	37	36	+1	S	1	0	*	0	41	34	*	0.12		
	The Helder ...	29.51	39	SW	1	C	29.41	-17	39	39	0	ESE	1	0	*	C	45	37	*	-		
	Brussels...	*	*	*	*	*	29.47	-21	41	40	+1	ESE	2	0	*	r	48	39	*	0.16		
	Berlin ...	29.67	38	N	1	0	29.56	-02	38	38	-2	SE	2	r	*	0	45	37	*	0.08		
SPAN. PEN.	Frankfurt ...	29.63	44	SW	2	r	29.63	-12	41	39	-1	WSW	4	0	*	r	42	41	*	0.51		
	Munich ...	29.74	37	SW	1	C	29.76	-11	40	37	+3	r	4	b, c	*	C	48	36	*	-		
	C. Gris Nez ...	29.53	42	SW	1	f	29.34	-30	42	41	0	S	5	r	5	f	48	39	*	0.24		
	Brest ...	29.58	49	SSW	3	0	29.25	-42	48	46	0	WSW	5	0	5	0	54	46	*	-		
	Lorient ...	29.66	49	SW	4	r	29.34	-34	48	46	+2	r	6	r	6	r	54	45	*	0.51		
	Rochefort ...	29.82	47	N	3	b, c	29.57	-16	48	46	+3	SSW	5	0	*	0, b, c	52	41	*	0.04		
	Biarritz ...	29.91	51	WSW	4	C	29.71	-14	54	46	+3	S	4	0	3	C	57	46	*	-		
	Paris ...	29.58	43	N	3	0	29.53	-21	42	41	-1	S	3	0	*	0	45	37	*	0.47		
	Belfort ...	29.69	43	WSW	6	r	29.73	-11	36	35	-4	E, NE	2	0	*	r	47	33	*	0.04		
	Lyons ...	29.87	48	S	2	r	29.78	-14	45	42	+4	S	2	0	*	r	53	40	*	0.04		
Nice ...	29.95	46	S	1	0	29.88	-11	46	42	+5	Z	0	0	3	0	55	41	*	-			
Perpignan ...	29.89	50	Z	0	C	29.78	-11	44	43	+1	r	2	0	*	C	58	37	*	-			
Corunna ...	30.09	52	WSW	2	0	30.02	+02	56	56	+4	SW	5	r	*	0	59	52	*	0.47			
Lisbon ...	30.10	61	WSW	5	0	30.04	-13	62	60	+3	SW	5	0	6	0	64	59	*	-			
Azores (P. Delgada)																						

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

† Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR FRIDAY, 1<sup>ST</sup> MARCH, 1901.

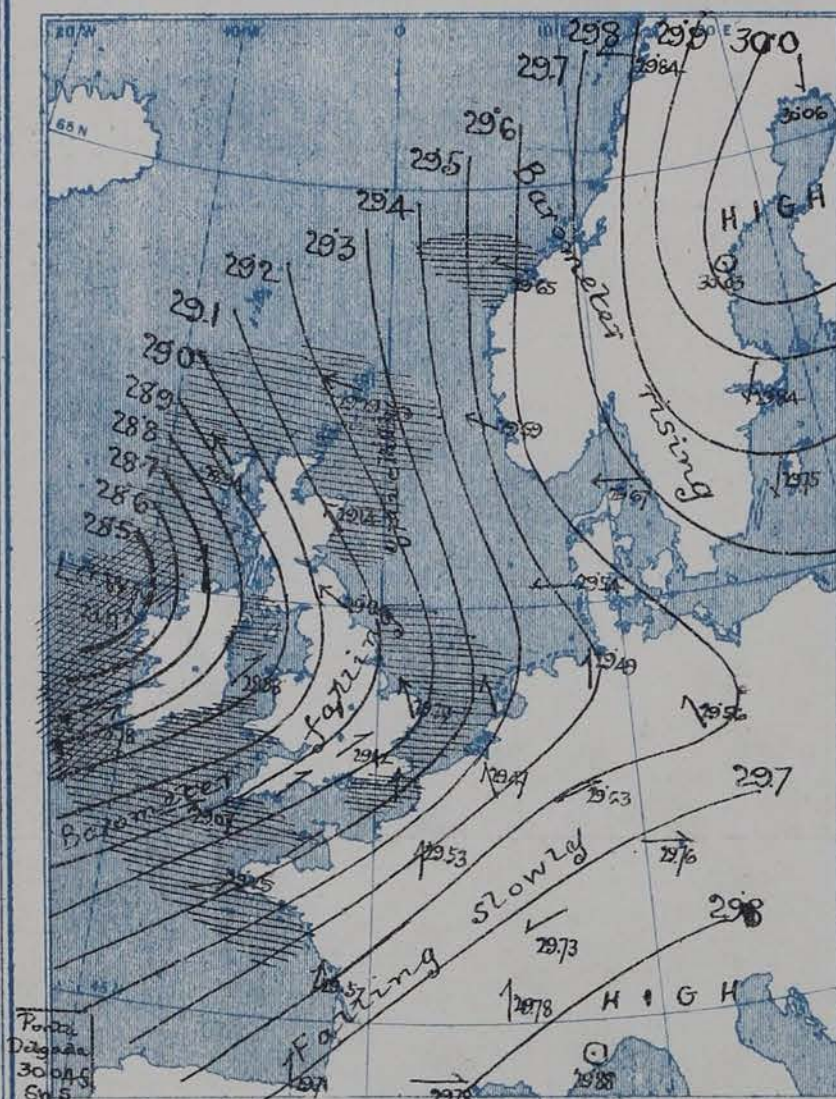
## I. BAROMETER, WIND AND SEA. This Morning.

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 ■

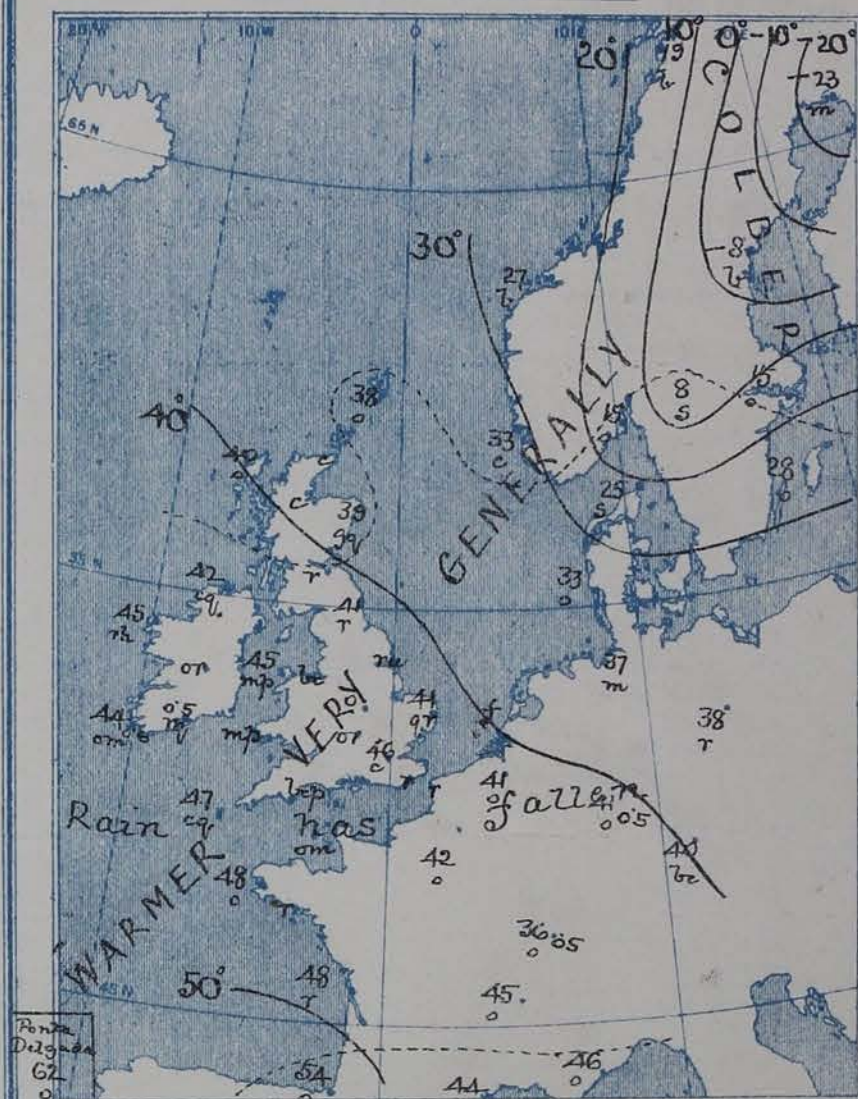


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

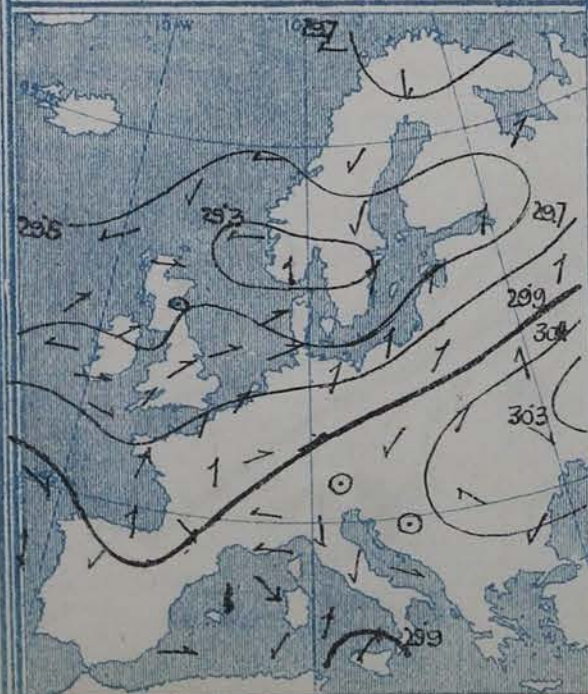
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



## III. BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM TEMPERATURE

for the Two monthly period February-March (1871-1900.)



## V. Means of DAILY TEMPERATURE

at 8 am for the Two monthly period February-March (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Since yesterday the centre of a deep depression has reached the coast of Ireland from the southward, and is apparently still moving in a northerly direction. The barometer has fallen rapidly over the United Kingdom, and slightly over France, but in Scandinavia it has again risen, and the present readings range from 30.0 in. and more over the north of Sweden and from 29.8 in. and more in the southeast of France to 28.48 in. at Blackhead Point. At Valencia a slight recovery has commenced since 6 a.m.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The winds are very strong to a gale from SW. on our southern coast, from S. in the east, and from SE. in the far north. It is NE. to E. over Scandinavia (a gale in the Skager Rack), SW. to W. fresh to strong on the French coast. Temperature has risen all over our Islands and their neighbourhood, fallen in Sweden, and the readings this morning range from 49° at Jersey, 47° at Scilly, and 45° at Blackhead Point to 33° at Aberdeen, 38° at Berlin, and -23° F. at Haparanda. Over our Islands the values are all somewhat above the average. The weather is very changeable, rainy, and squally. The sea is high off the west of Ireland, rough on our other coasts.

During the past twenty-four hours rain has fallen except in Norway and the east of Scotland, the largest amounts measured being 0.60 in. at Valencia and 0.48 in. at Rocks Point. The highest of the maximums—permanence were 54 at Scilly and Loughborough and 52 in London. Bright Sunshine recorded yesterday, was 8.2 hrs at Falmouth, Sea more than 7 hrs at Hornsey, Aberdeen, and Scilly, 5 hours at Blyth, much less elsewhere—none at Hartley or Eastbourne.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather over the United Kingdom is in a very changeable rough condition, and further rains and SW. to S. gales are probable.

## FORECASTS\*

For the 24 hours ending at NOON on 2<sup>ND</sup> MARCH 1901

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

- 0 { SCOTLAND  
NORTH
- 1 { SCOTLAND  
EAST
- 2 { ENGLAND  
N.E.
- 3 { ENGLAND  
EAST
- 4 { MIDLAND  
COUNTIES
- 5 { ENGLAND  
SOUTH

SE. winds, very strong and squally;  
rainy.

SE. to S. winds, strong; squally,  
showery.

S. and SW. winds, very strong;  
squally, changeable, rain at times.

- 6 { SCOTLAND  
WEST
- 7 { ENGLAND  
N.W.
- 8 { ENGLAND  
S.W.
- 9 { IRELAND  
NORTH
- 10 { IRELAND  
SOUTH

S. winds, strong; showery.

SW. to W. winds, very strong;  
squally, rainy.

### WARNINGS

At 7.20 pm yesterday to districts  
3, 5, 7, 8 and 10. "Hoist South Cone".

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	h.v	46	38	8.2	0.17
Newton Reigny (Penrith)	29.38	39	SE 3	0	29.94	-.54	37	36	+ 2	ESE 5	7	*	ogd.c.r	43	35	0.0	0.33
Bath	29.48	40	SSW 2	bc	29.05	-.51	48	45	+ 10	SW 4	1	*	bc	52	34	2.4	0.26

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	50	39	c, b, o	3.9	0.08	Llandudno	*	*	*	0.9	*
Hastings	*	*	*	0.0	*	Rhyl	*	*	*	5.0	*
Eastbourne	*	*	*	0.0	*	Southport	*	*	*	0.0	*
Brighton	*	*	*	1.7	*	Manchester, 9 p.m.	49	40	o.p. b	0.0	0.15
Worthing	*	*	*	0.8	*	Darwen, 9 p.m.	45	37	h.o.p.c	0.0	0.26

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) FEB. 28 <sup>th</sup>	66	50	o, b	Ins.	Algiers ... FEB. 28 <sup>th</sup>	61	50	c, c	Ins.
Madrid	54	39	o, r	?	Tunis	52	39	c, o	—
Corsica (I. Sanguinaires)	55	37	m, m	—	Vienna	36	27	c, m	0.04
Rome	54	39	b, b	0.20	St. Petersburg	32	5	s, s	0.08
Florence	55	37	b, o	—	Lugano ... FEB. 27 <sup>th</sup>	43	—	b	Measured 7 a.m. 27 <sup>th</sup>
Trieste	48	39	c, o	—	Davos	39	—	b	—
Brindisi	54	41	c, bc	—	Lucerne	46	—	b	—
Naples	55	43	b, b	—	Lausanne	39	—	b	—
Palermo	63	41	o, b	—					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

MARCH 1 <sup>st</sup> 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.42	12.6	5.29
Greenwich	6.49	12.13	5.37
Wick	7.11	12.25	5.39
Valencia	7.31	12.54	6.17

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" Weekly " " " £1 10 0 " Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

Saturday, 2<sup>nd</sup> March,

1901.

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

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										FAST 24 HOURS.				
	BAROM.	TEMP.	WIND.		Weather.	Sea (0 to 9.)	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	TEMP.		Sun- shine Hours	Rainfall Ins.	
	At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)				Max.	Min.			
	Ins.						Ins.	Ins.	°	°											
SCANDINAVIA.	Haparanda ...	30.24	-1.9	2	0	b	30.27	+0.21	-25	-27	-2	11	2	b	*	b	-2	-27	*	-	-
	Hernösand ...	30.10	-5	2	0	b	30.16	+0.13	-6	-6	+2	2	0	b	*	b	14	-8	*	-	-
	Stockholm ...	29.96	19	NE	2	0	29.99	+0.15	19	19	+4	NE	2	0	*	0	23	14	*	-	-
	Wisby ...	29.82	30	E	4	0	29.86	+0.11	30	28	+2	ESE	4	0	*	0	32	23	*	-	-
	Karlstad ...	29.93	18	NE	2	0	29.92	+0.01	17	16	+9	NE	4	0	*	0	*	*	*	-	-
	Færder (X'ania Fjord) ...	29.82	22	NE	5	0	29.78	-0.04	23	23	+8	ESE	6	3	3	0	23	14	*	-	-
	Bodö ...	29.86	22	E	4	b	29.93	+0.07	21	17	+2	E	4	b	1	b	23	16	*	-	-
	Christiansund ...	29.62	31	ESE	2	b	29.52	-0.13	31	27	+4	SE	5	b	5	b	32	27	*	-	-
BRITISH ISLANDS.	Skudesnaes ...	29.48	32	ESE	6	bc	29.43	-0.16	34	32	+1	ESE	10	0	4	b, bc	35	30	*	*	*
	Sumburgh Head ...	29.14	36	ESE	7	op	29.01	-0.28	43	42	+5	SE	4	0	7	c, op	43	36	*	0.10	-
	Stornoway ...	28.73	42	SE	6	o	28.84	+0.10	40	39	0	SW	4	0	4	o	43	37	0.7	0.16	-
	Malin Head ...	28.65	42	SSW	6	ogq	28.78	+0.14	39	39	-3	SSW	5	4	4	ogq	45	37	*	0.04	-
	Blacksod Pt. ...	28.74	44	WSW	8	eqm	28.76	+0.28	42	40	-3	SSW	4	0	4	om, p, eq	46	39	*	0.24	-
	Valencia ...	28.99	48	WSW	7	c, h, p	28.82	+0.04	44	41	0	W, W	3	0	6	c, q, p, h, p	48	36	2.6	0.79	-
	Roche's Point ...	29.17	44	W	5	bcq	28.67	-0.21	40	39	-1	W, W	7	4	5	c, bcq	46	39	*	0.60	-
	Parsonstown ...	28.84	42	SW	2	o	28.74	-0.01	42	41	-1	SE	1	0	*	c, o	49	37	3.0	0.44	-
GERMANY.	Donaghadee ...	28.85	45	SW	3	bc	28.90	+0.13	44	43	0	SSE	3	0	4	bc	48	38	*	0.01	-
	Liverpool Obsy. ...	29.00	44	SSW	4	c	29.02	+0.08	38	37	-5	ESE	3	0	3	p, c	49	37	*	-	-
	Holyhead ...	28.96	44	SW	5	cm	28.88	0.00	44	42	-1	SE	5	4	4	c, cm	48	42	*	0.02	-
	Fembroke (St. Ann's) ...	29.09	44	W	7	bc	28.75	?	43	42	-3	SE	8	4	6	bc	47	42	3.9	0.48	-
	Scilly (St. Mary's) ...	29.21	44	W, W	6	chg	28.98	-0.09	48	45	+1	SW	6	6	6	tr, h, g, l	49	42	?	0.49	-
	Jersey (St. Aubins) ...	29.33	49	WSW	4	om	29.31	+0.06	46	45	-3	SE	6	5	5	bc, p, g, om	52	42	4.0	0.19	-
	Portland Bill ...	29.24	44	WSW	5	cp	29.13	+0.01	45	45	0	SSE	6	5	5	bc, p, cp	48	43	*	0.05	-
	Dungeness ...	29.27	45	SW	4	c	29.38	+0.18	43	42	-1	SSW	5	4	4	b, c	48	42	*	0.04	-
FRANCE.	Wick ...	28.94	40	SE	8	r	28.98	-0.14	42	41	+2	S	5	1	1	r	42	35	*	0.15	-
	Nairn ...	28.82	42	ESE	4	c	28.93	-0.07	41	38	+2	ESE	2	1	1	c	44	36	*	-	-
	Aberdeen ...	28.81	40	ESE	8	ogq	29.04	-0.10	40	39	+1	SSE	3	6	6	ogq	42	36	0.0	0.25	-
	Leith ...	28.88	44	S	4	o	29.03	+0.07	39	37	-2	ESE	1	4	4	o	49	36	*	0.02	-
	North Shields ...	28.94	44	S	2	c	29.12	+0.08	37	36	-4	SSW	3	3	3	r, p, c	46	35	*	0.15	-
	Spurn Head ...	29.07	44	SW	4	bc	29.22	+0.12	37	36	-4	SSE	4	4	4	p, bc	45	35	*	0.17	-
	Yarmouth ...	29.14	43	ESE	4	c	29.31	+0.11	38	37	-3	S	4	4	4	bc, c	47	35	*	0.12	-
	Loughborough ...	29.09	44	SW	3	c	29.20	+0.18	37	36	-7	SSE	3	4	4	cp, bc, b	45	35	*	0.02	-
SPAIN.	Oxford ...	29.20	41	SSW	3	bc	29.18	+0.12	42	41	-3	SE	2	4	4	h, bc	52	35	*	0.06	-
	London (Brixton) ...	29.21	44	SW	8	bc	29.30	+0.18	43	41	-3	SSE	3	4	4	q, p, b, c	53	36	4.3	0.02	-
	The Scaw (Skagen) ...	29.69	26	ESE	7	S	29.63	-0.04	30	30	+5	SE	6	2	2	S	30	25	*	0.04	-
	Fanö ...	29.43	35	SE	5	r	29.47	-0.07	36	36	+3	SE	4	4	4	r	37	32	*	0.24	-
	Cuxhaven ...	29.44	41	SE	4	r	29.50	+0.01	36	35	-1	S	2	4	4	r	43	34	*	0.16	-
	The Helder ...	29.26	44	SSW	3	b	29.41	0.00	40	39	+1	SW	3	4	4	b	45	39	*	0.16	-
	Brussels ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
	Berlin ...	29.61	39	SE	2	o	29.62	+0.06	39	38	+1	SSE	2	4	4	o	43	37	*	0.04	-
PEN.	Frankfurt ...	29.55	45	S	4	o	29.61	-0.02	43	42	+2	SW	3	4	4	o	50	41	*	0.16	-
	Munich ...	29.69	38	SE	2	c	29.75	-0.01	38	37	-2	SW	5	4	4	c	48	36	*	0.04	-
	C. Gris Nez ...	29.33	44	WSW	5	bc	29.43	+0.09	40	40	-2	SW	3	4	4	bc	48	39	*	0.08	-
	Brest ...	29.34	45	W	3	c	29.22	-0.03	48	48	0	S	6	4	4	c	50	43	*	0.35	-
	Lorient ...	29.38	47	SW	6	r	29.32	-0.02	48	48	0	S	5	4	4	r	54	41	*	0.32	-
	Rochefort ...	29.57	49	SSW	5	o	29.50	-0.07	48	46	0	E	4	4	4	o	54	39	*	1.38	-
	Biarritz ...	29.80	52	S	5	o	29.62	-0.09	57	51	+3	SSW	6	4	4	o	57	50	*	0.12	-
	Paris ...	29.47	48	SW	3	c	29.57	+0.04	39	37	-3	SSE	2	4	4	c	52	36	*	0.16	-
AZORES.	Belfort ...	29.58	43	WSW	4	r	29.65	-0.08	40	39	+4	WSW	4	4	4	r	54	36	*	0.16	-
	Lyons ...	29.75	45	SW	4	b	29.80	+0.02	41	38	-4	SW	1	4	4	b	57	39	*	-	-
	Nice ...	29.82	45	2	0	r	29.80	-0.08	42	41	-4	E	2	4	4	r	57	41	*	0.33	-
	Perpignan ...	29.81	51	4	2	c	29.75	-0.03	46	44	+2	2	0	4	4	c	57	44	*	-	-
AZORES.	Corunna ...																				
	Lisbon ...																				
	Azores (P. Delgada) ...																				

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

Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR *Saturday, 2<sup>nd</sup> March, 1901.*

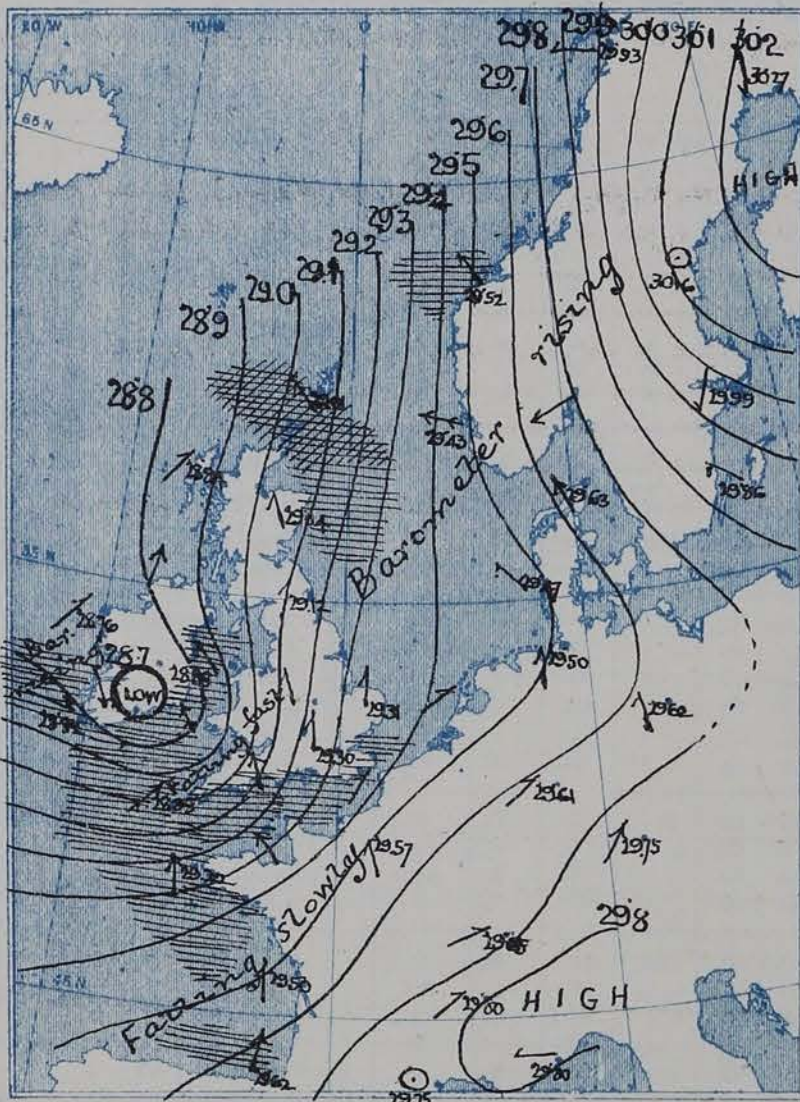
## I. BAROMETER, WIND AND SEA. *This Morning.*

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 

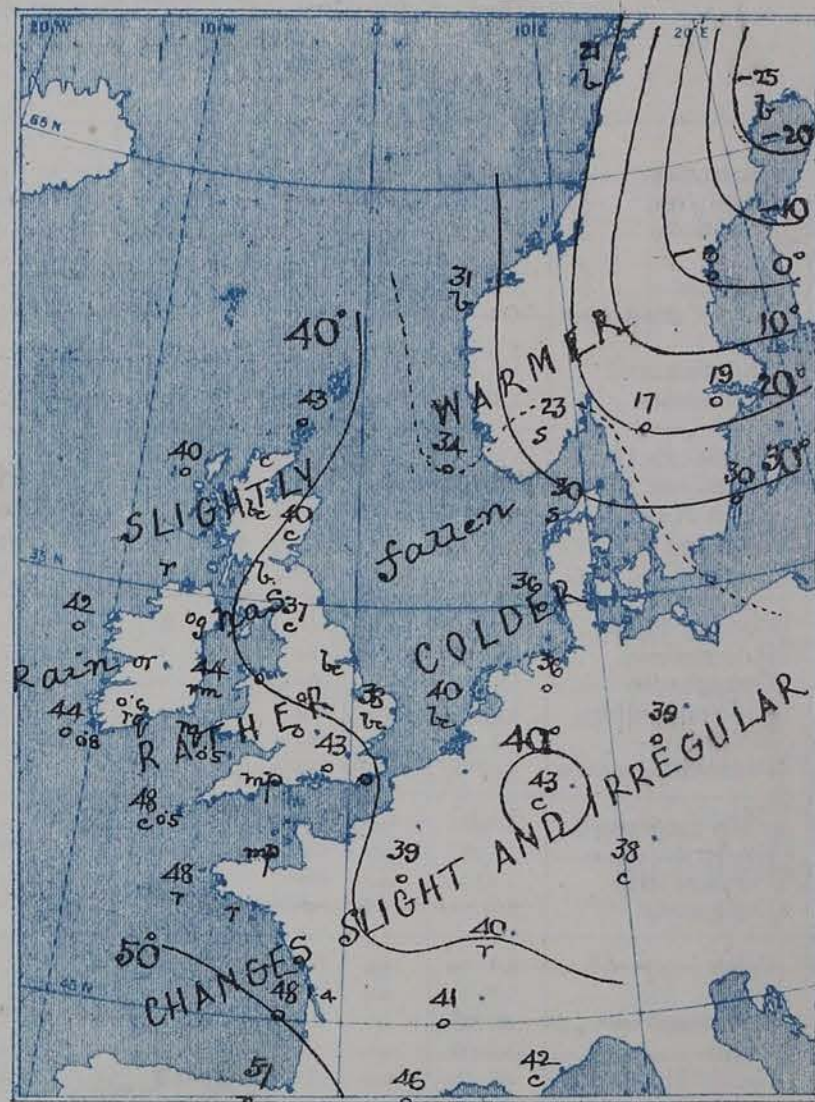


## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

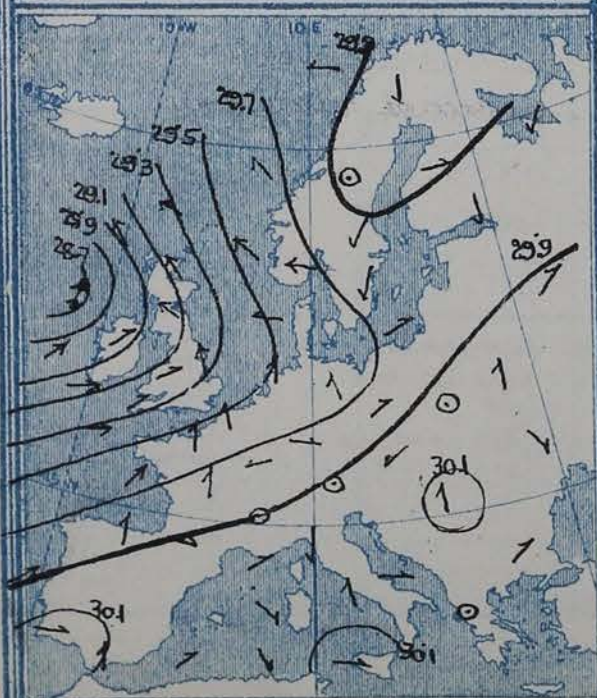
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

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—0.8



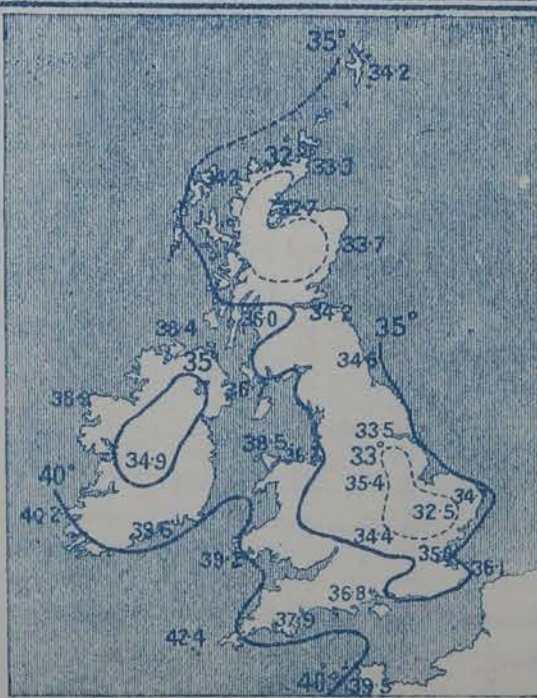
## III. BAROMETER AND WIND

*Yesterday morning.*



## IV. Means of DAILY MINIMUM TEMPERATURE

*For the Two monthly period February-March (1871-1900.)*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the Two monthly period February - March (1871-1900.)*





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The depression noticed yesterday has passed completely away to the northward, and in its rear the barometer rose greatly, but during the early hours of this morning a new small system has advanced to the mouth of the St. George's Channel, and is apparently travelling fast in an easterly direction. Its centre lay at 8 a.m. between Roche's Point and Pembroke, and the barometric readings ranged from 30.2 in. over the north of Scotland and 29.8 in. at Nice to 28.67 in. at Roche's Point.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is S<sup>W</sup> over the northern part of the Kingdom, SE and E at the Norwegian stations (a strong gale at Skudeneshavn). In England it is S<sup>W</sup> and SW<sup>1</sup>, and blows a gale at Selly and Pembroke, but at Roche's Point there is a gale from NW, and at Valencia a moderate NW<sup>1</sup> breeze. Temperature is changing considerably, but feebly. It has fallen somewhat over England, and is very nearly the same as the average for the time of year. The weather is improving in the north and west, but is very unsettled in the south and much rain is reported on our southwest coasts. Sea is high in the northeast of Scotland, rough on our southwest coast.

During yesterday SW gales, and strong winds were felt at our southern and western stations, and a SE<sup>1</sup> gale in the northeast of Scotland. Rain fell in all places, hail in the west, and thunderstorms occurred over the southeastern part of England. Temperature rose to 53° in London, 52° at Jersey, but to only 42° at Aberdeen. Bright Sunshine amounted to 7 hours at Bath, 6 to 5 hours between Worthing and Eastbourne, but there has been less elsewhere — only 0.7 hour at Stromway and none at Aberdeen.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new depression appears likely to move rapidly in an easterly or northeasterly direction to the North Sea, and very changeable weather (gales at first) are probable over our southern districts. In the west and north the weather is likely to improve (temporarily) with S<sup>W</sup> and SW<sup>1</sup> winds, and the improvement spread to England when the depression has passed.

## FORECASTS\*

For the 24 hours ending at NOON on 3<sup>RD</sup> MARCH

1901

### DISTRICTS.

### FORECASTS.

0	SCOTLAND NORTH	SE <sup>W</sup> and E <sup>W</sup> winds; changeable, some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	E <sup>W</sup> gales and strong winds; much rain, perhaps snow, colder. Clearing at night.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	S <sup>W</sup> to W <sup>W</sup> winds and gales; rainy, very changeable.
5	ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	SE <sup>W</sup> and Variable winds; colder, unsettled, rainy to fair.
7	ENGLAND N.W.	
8	ENGLAND S.W.	NW <sup>W</sup> gales, moderating, rainy, colder.
9	IRELAND NORTH	Same as Nos 6 and 7.
10	IRELAND SOUTH	NW <sup>W</sup> to SW <sup>W</sup> winds; very changeable, cold at first.
WARNINGS		The SOUTH CONE is still flying in districts 3, 5, 7, 8, and 10.

Note — The South Cone, point downwards (  $\nabla$  ), 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 (  $\Uparrow$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	O	*	o. b	47 37	5.2	-
Newton Reigny (Penrith)	28.96	42	Sw 2	O	29.06 + 12	38	36	+ 1	SE 4	e	*	o. cpu	46 36	1.0	0.15
Bath	29.16	41	SSW 5	r	29.14 + 0.9	45	44	- 3	SSE 5	r	*	bc. r	52 35	7.1	0.14

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	50	36	r. b. c	3.3	0.22	Llandudno	*	*	*	3.5	*
Hastings	*	*	*	4.8	*	Rhyl	*	*	*	5.8	*
Eastbourne	*	*	*	5.0	*	Southport	*	*	*	3.0	*
Brighton	*	*	*	5.8	*	Manchester, 9 p.m.	*	*	*	*	*
Worthing	*	*	*	6.0	*	Darwen, 9 p.m.	48	33	o. r. c. o	2.3	0.38

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 1 <sup>st</sup>	—	—	—	Ins.	Algiers ... MAR. 1 <sup>st</sup>	66	52	c, c	Ins.
Madrid	—	—	—	—	Tunis	64	39	c, bc	—
Corsica (I. Sanguinaires)	57	43	m, m	—	Vienna	36	28	b, o	—
Rome	57	39	b, c	0.04	St. Petersburg	34	16	o, s	0.12
Florence	54	43	o, o	—	Lugano ... FEB. 28 <sup>th</sup>	1 p.m.	—	Information	Measured 7 a.m. 28 <sup>th</sup>
Trieste	48	41	o, o	—	Davos	—	—	Information	—
Brindisi	55	37	bc, b	—	Lucerne	—	—	Information	—
Naples	57	45	bc, bc	—	Lausanne	—	—	not arrived.	—
Palermo	—	—	—	—					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

	Hours of Morning Observations by Local Standard Time.	Corresponding Observations Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Observations Greenwich Times.	MARCH 2 <sup>nd</sup> 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland ... .. }	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth ... ..	6.40	12.5	5.30
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	6.46	12.12	5.38
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	7.8	12.24	5.41
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	7.28	12.53	6.18
Portugal ... ..	8 a.m. (Lisbon) ... ..	8.36 a.m.						

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 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

**FORECASTS OF WEATHER** for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on Sunday 3<sup>rd</sup> March,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.			Min.				
																		Ins.			Ins.
SCANDINAVIA.	Haparanda ...	30.29	-16	2	0	b	30.30	+0.03	-17	-18	+8	N	2	b	*	b	5	-31	*	-	
	Hernösand ...	30.15	6	2	0	b	30.14	-0.02	0	-1	+6	NE	2	o	*	b	14	-11	*	-	
	Stockholm ...	30.03	18	NE	4	o	29.97	-0.02	15	14	-4	NE	4	s	*	o	21	14	*	-	
	Wisby ...	29.86	29	ESE	4	o	29.83	-0.03	26	25	-4	E	6	s	*	o	32	18	*	-	
	Karlstad ...	29.91	17	NW	4	o	29.74	-0.18	15	13	-2	E	4	o	*	o	*	*	*	0.16	
	Færder (X'ania Fjord)	29.78	24	NE	6	s	29.82	+0.04	20	20	-3	NE	6	s	3	s	24	19	*	-	
	Bodö ...	29.92	22	ENE	6	b	29.93	-0.00	22	18	+1	ENE	6	b	1	b	25	18	*	-	
	Christiansund ...	29.60	37	SE	6	b	29.59	+0.07	40	34	+9	ESE	2	bc	5	b	40	28	*	-	
	Skudesnaes ...	29.44	36	ESE	8	o	29.41	-0.02	37	32	+3	ESE	8	bc	4	o	37	32	*	*	
	Sumburgh Head ...	29.09	42	SSE	5	o	28.95	-0.06	43	41	0	SSE	5	o	8	o	45	38	*	0.08	
BRITISH ISLANDS.	Stornoway ...	28.84	45	SE	3	o	28.91	+0.07	38	37	-2	NW	6	r	6	o	45	35	2.0	0.42	
	Malin Head ...	28.75	41	W	2	bc	29.12	+0.34	43	42	+4	NW	4	bc	3	r, bc, p	43	36	*	0.41	
	Blacksod Pt. ...	28.84	42	SSW	4	c	29.27	+0.51	43	40	+1	NW	5	opq	5	c, 2	47	37	*	0.13	
	Valencia ...	28.90	41	SW	4	c	29.43	+0.61	44	40	0	W	7	opq	6	c	48	39	3.5	0.11	
	Roche's Point ...	28.95	43	W	5	cp	29.39	+0.72	40	37	0	NW	4	c	0	r, cp	45	38	*	0.78	
	Parsonstown ...	28.89	41	W	1	o	29.32	+0.58	36	35	-6	SE	1	c	*	op	48	33	2.3	0.33	
	Donaghadee ...	28.78	40	WNW	3	cpq	29.19	+0.29	37	37	-7	SSW	2	opq	3	c, rg	44	33	*	0.39	
	Liverpool Obsy. ...	28.91	44	SW	4	o	29.21	+0.19	38	37	0	WSW	3	b	2	p, o	47	36	*	0.30	
	Holyhead ...	28.88	45	SW	3	c	29.21	+0.33	40	38	-4	WNW	4	cp	3	c	46	38	*	0.05	
	Pembroke (St. Ann's)	28.91	45	WSW	7	c	29.32	+0.57	43	40	0	W	6	cp	6	rg, c, hp	47	39	1.1	0.45	
Scilly (St. Mary's) ...	29.06	47	WSW	4	c	29.42	+0.44	45	43	-3	WNW	7	opq	5	op, c	51	42	1.5	0.12		
Jersey (St. Aubins) ...	29.25	52	SSW	4	o	29.49	+0.18	43	41	-3	SW	5	chr	4	bc, opq	50	39	3.6	0.36		
Portland Bill ...	29.13	43	SW	3	c	29.38	+0.25	43	41	-2	W	5	bc	4	bc, c	50	41	*	0.31		
Dungeness ...	29.23	46	SW	3	op	29.36	-0.02	44	43	+1	W	4	c	4	c, opq	49	41	*	0.05		
Wick ...	29.01	40	S	6	o	28.90	-0.08	40	39	-2	S	3	o	5	o	44	38	*	0.05		
Nairn ...	28.87	42	ESE	2	c	28.95	+0.02	39	37	-2	W	4	c	2	c	46	36	*	0.22		
Aberdeen ...	28.90	44	ESE	7	o	29.02	-0.02	40	38	0	SW	3	bc	4	bc, o	45	38	4.3	0.03		
Leith ...	28.79	45	E	3	r	29.09	+0.06	41	38	+2	WSW	2	bc	*	*	48	37	*	0.16		
North Shields ...	28.73	43	S	5	o	29.12	-0.00	39	37	+2	SW	3	c	3	o, c	44	37	*	0.04		
Spurn Head ...	28.98	44	SSW	6	c	29.18	-0.04	38	37	+1	SW	4	bc	3	c	47	37	*	0.13		
Yarmouth ...	29.13	41	S	5	bcq	29.26	-0.05	40	38	+2	SW	3	b	3	o, cp, bcq	46	37	*	0.08		
Loughborough ...	29.02	45	SSW	4	r	29.23	+0.03	38	37	+1	SW	2	cu	*	c, rg, bc	53	36	*	0.31		
Oxford ...	29.07	47	S	5	o	29.30	+0.12	39	37	-3	SW	2	o	*	opq	52	37	*	0.25		
London (Brixton) ...	29.15	47	SSW	3	bc	29.32	+0.02	42	39	-1	WSW	3	b	*	op, p, q	54	37	4.4	0.20		
The Scaw (Skagen) ...	29.65	32	SE	5	o	29.66	+0.03	32	31	+2	SE	5	o	2	o	34	30	*	0.04		
Fanö ...	29.49	36	SE	2	f	29.40	-0.07	37	36	+1	E	6	c	*	f	39	36	*	0.16		
Cuxhaven ...	29.50	39	S	1	o	29.38	-0.12	36	35	0	SE	3	o	*	o	45	34	*	-		
The Helder ...	29.31	44	S	4	c	29.24	-0.17	41	40	+1	SW	3	c	2	c	46	40	*	0.24		
Brussels ...	*	*	*	*	*	29.42	*	40	39	*	WSW	5	r	*	r	50	39	*	0.47		
Berlin ...	29.63	43	S	3	b	29.56	-0.06	36	35	-3	SE	2	b	*	b	50	34	*	0.04		
Frankfurt ...	29.58	47	S	2	o	29.47	-0.14	44	43	+1	SW	4	c	*	o	52	43	*	0.08		
Munich ...	29.68	39	SE	4	c	29.60	-0.15	37	35	-1	SW	1	r	*	c	48	36	*	-		
C. Gris Nez ...	29.26	46	SW	6	r	29.37	-0.06	43	41	+3	W	5	c	5	r	46	39	*	0.20		
Brest ...	29.26	47	W	4	o	29.51	+0.29	45	44	-3	WNW	4	c	4	o	52	41	*	0.16		
Lorient ...	29.34	46	W	6	r	29.56	+0.24	44	43	-4	NW	5	c	6	r	54	41	*	0.51		
Rocheport ...	29.46	52	SW	5	o	29.59	+0.09	46	43	-2	WSW	6	ohq	*	o	54	41	*	0.12		
Biarritz ...	29.59	55	ESE	3	r	29.95	+0.33	51	46	-6	W	8	c	7	r	57	46	*	1.14		
Paris ...	29.39	49	S	3	o	29.52	-0.05	39	38	0	SSW	2	b	*	o	50	39	*	0.08		
Belfort ...	29.59	44	2	0	f	29.58	-0.07	43	42	+3	WSW	4	o	*	f	53	40	*	0.16		
Lyons ...	29.63	49	S	4	b	29.71	-0.09	46	42	+5	NW	3	b	*	b	55	41	*	0.16		
Nice ...	29.80	48	SW	1	o	29.62	-0.18	46	45	+4	NE	4	c	4	o	52	42	*	0.32		
Perpignan ...	29.73	51	NE	1	o	29.83	+0.08	48	46	+2	NW	3	r	*	o	65	45	*	-		
Corunna ...	30.06	57	SW	5	r	30.28	+0.25	53	48	-5	NNW	4	b	*	r	59	52	*	0.32		
Lisbon ...	30.28	54	NNE	4	b	30.47	+0.54	50	46	-10	NNW	4	bc	3	b	63	50	*	-		
Azores (P. Delgada) ...																					

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

Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR Sunday, 3<sup>rd</sup> March, 1901.

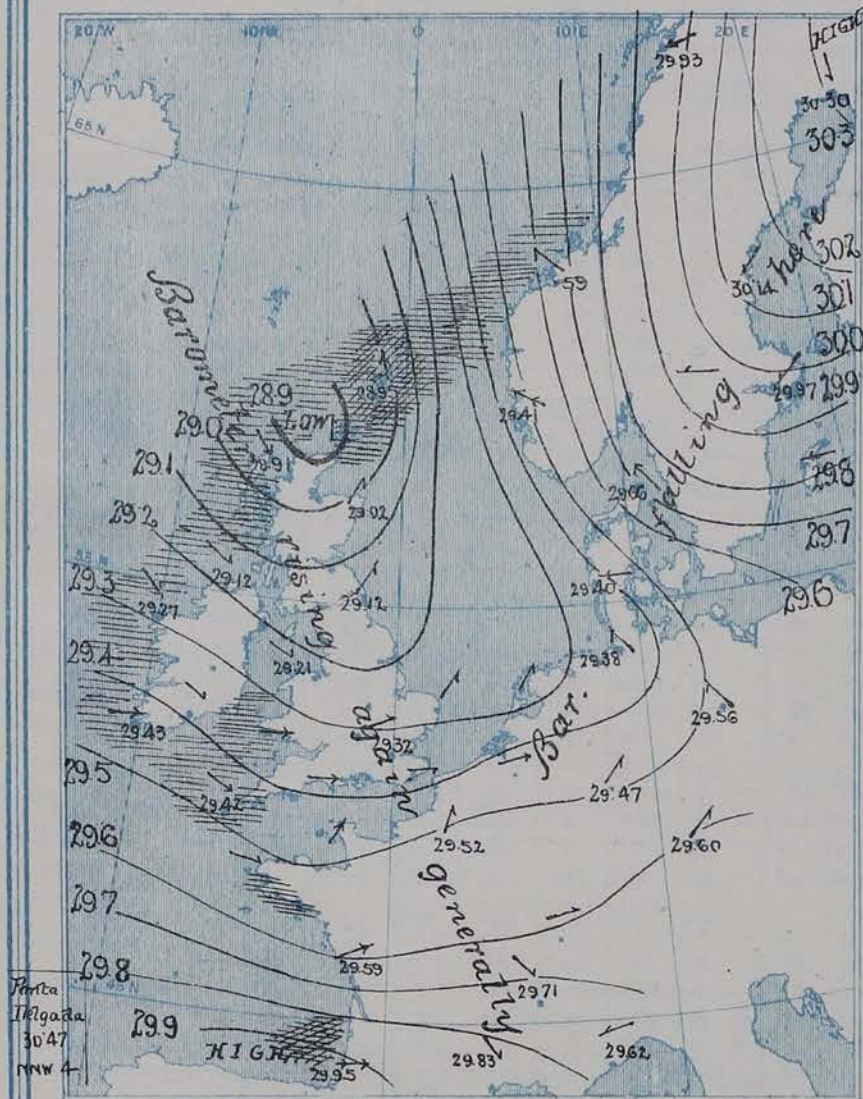
## I. BAROMETER, WIND AND SEA. This Morning.

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 ■

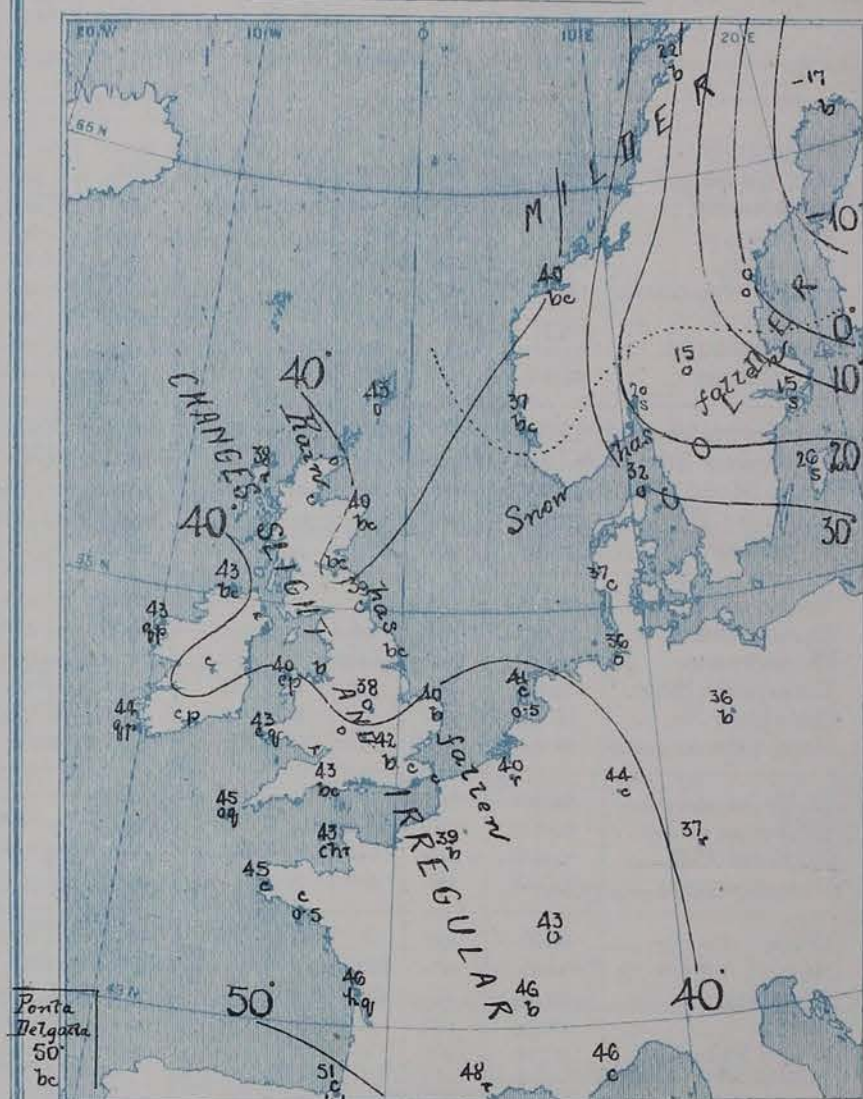


## II TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

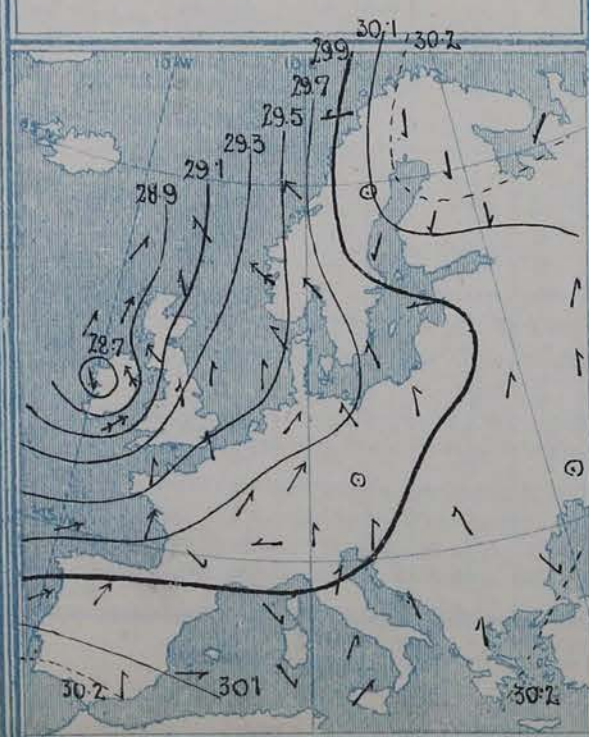
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



## III BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM

TEMPERATURE for the Two monthly period February-March (1871-1900.)



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the Two monthly period February-March (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

During the past day, pressure has decreased slightly over the North Sea, increased over all the western and southern part of our Islands and the Bay of Biscay, and this morning readings range from 29.9 in: and more over the Spanish Peninsula and from between 30.3 in: and 29.9 in: over the northern part of the Scandinavian Peninsula to 28.9 in: in the north of Scotland and 29.24 in: at the Hilder. There are minor shallow disturbances over the northwest and west of our Islands.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The winds are accordingly NE<sup>3</sup> in Sweden, SE<sup>3</sup> in the southwest of Norway, and blow a gale at Skudesnæs, while they are SW<sup>3</sup> on our east coast, NW<sup>3</sup> to W<sup>3</sup> in the west, and are blowing hard at Valencia, Seilly, and Biarritz. Temperature is changing little and irregularly. It ranges from 51° at Biarritz, 45° at Seilly, and 43° at Malin Head to 38° at Spurn Head, 32° at the Scaw, and to -17° F. at Haparanda. In the British Islands the values are almost identical with the average for the time of year. The weather though very bright at many of our eastern stations is far from being settled, rain falling now at several of our western and southern stations, hail in several parts of France, sleet at some of the Scandinavian stations. The sea is slightly disturbed off our east coast, moderate to rough elsewhere, very high at Penburgh Head.

During yesterday maximum temperatures occurred as high as 56° at Jersey, and 54° to 50° at several of our southern stations, 50° at Bussell, 57° at Biarritz, 65° at Perpignan. Rain fell in all parts of the British Islands and France - as much as 1.14 in: at Biarritz, 0.51 in: at Lorient, and about 0.4 in: at several of our northwestern stations - hail at Lendbrook. Lightning was seen at Blackhead Point. Bright Sunshine ranged <sup>from</sup> 5.1 hr at Northumbria to 0.2 hr at Manchester, none at Darwen.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS\*

For the 24 hours ending at NOON on 4<sup>th</sup> March 1901

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

- 0 { SCOTLAND  
NORTH
- 1 { SCOTLAND  
EAST
- 2 { ENGLAND  
N.E.
- 3 { ENGLAND  
EAST
- 4 { MIDLAND  
COUNTIES
- 5 { ENGLAND  
SOUTH

NONE ISSUED

- 6 { SCOTLAND  
WEST
- 7 { ENGLAND  
N.W.
- 8 { ENGLAND  
S.W.
- 9 { IRELAND  
NORTH
- 10 { IRELAND  
SOUTH

### WARNINGS

NONE ISSUED.

At 7.0 pm yesterday to district 0  
"HOIST SOUTH CONE"

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b	*	o.b	45	37	09	0.47
Newton Reigny (Penrith)	29.80	59	SW 7	r	29.16	+ .10	32	31	- 6	WNW 1	c	*	od, q, c	41	32	00	0.17
Bath	29.03	43	SW 6	r	29.32	+ .18	40	39	- 5	WSW 4	r	*	r	53	39	22	0.34

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	50	34	o, r, o	1.6	0.16	Llandudno	*	*	*	3.0	*
Hastings	*	*	*	2.7	*	Rhyl	*	*	*	*	*
Eastbourne	*	*	*	*	*	Southport	*	*	*	0.5	*
Brighton	*	*	*	*	*	Manchester, 9 p.m.	43	36	or, b, o	0.2	0.24
Worthing	*	*	*	5.1	*	Darwen, 9 p.m.	42	32	or, or	0.0	0.43

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 2 <sup>nd</sup>	—	—	—	Ins.	Algiers ... MAR. 2 <sup>nd</sup>	70	54	c, c	Ins.
Madrid	50	45	r, o	0.51	Tunis	66	41	c, r	0.07
Corsica (I. Sanguinaires)	57	43	f, m	0.16	Vienna	39	32	c, o	—
Rome	57	50	o, o	0.24	St. Petersburg	34	12	s, s	0.04
Florence	66	48	o, o	0.12	Lugano ... MAR. 1 <sup>st</sup>	41	—	o	Measured 7 a.m. 1 <sup>st</sup>
Trieste	50	43	r, r	0.59	Davos	39	—	b	0.07
Brindisi	59	45	c, c	—	Lucerne	48	—	o	—
Naples	55	48	c, o	0.12	Lausanne	45	—	o	0.20
Palermo	55	55	m, o	—					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

MARCH 3 <sup>rd</sup> 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.38	12.5	5.32
Greenwich	6.44	12.12	5.40
Wick	7.5	12.24	5.43
Valencia	7.26	12.53	6.20

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 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & Sons' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

Monday, 4<sup>th</sup> March,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 22° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather.	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.			Min.					
																			Ins.			Ins.	°
SCANDINAVIA.	Haparanda	30.23	16	S	2	0	30.15	-0.15	24	24	+0.21	ESE	2	S	*	0	24	-24	*	-			
	Hernösand	30.00	14	Z	0	S	30.01	-0.13	12	11	+0.12	Z	0	0	*	S	16	-6	*	-			
	Stockholm	29.97	11	N	2	0	29.91	-0.06	18	?	+0.3	NE	2	0	*	0	18	10	*	0.04			
	Wisby	29.80	28	E	4	S	29.82	-0.01	34	33	+0.2	SE	4	0	*	S	34	21	*	0.04			
	Karlstad	29.91	18	NE	4	0	29.87	-0.13	17	16	+0.2	NE	2	S	*	0	*	*	*	0.08			
	Færder (Xania Fjord)	29.78	22	NE	6	0	29.80	-0.02	19	18	-0.1	NNE	6	S	2	0	22	18	*	-			
	Bodö	29.97	24	ENE	7	b	29.91	-0.02	21	18	-0.1	ENE	5	b	2	b	25	18	*	-			
	Christiansund	29.61	39	SE	3	b	29.55	-0.04	34	32	-0.6	ESE	1	b	4	b	43	34	*	-			
	Skudesnaes	29.65	39	ESE	6	0	29.56	+0.15	39	32	-0.4	ESE	6	S	3	0	39	32	*	-			
	Sumburgh Head	29.17	41	SSE	4	0	29.35	+0.40	40	39	-0.3	Z	0	c	6	r.o	43	36	*	0.08			
BRITISH ISLANDS.	Stornoway	29.25	44	WNW	4	0	29.31	+0.40	42	40	+0.4	S	5	0	5	rhg.o	47	35	3.1	0.15			
	Malin Head	29.42	42	W	5	c+hg	29.37	+0.25	44	43	+0.1	W	5	c+hp	4	c+hg	44	36	*	0.20			
	Blackrod Pt.	29.55	43	W	4	bc	29.53	+0.26	47	43	+0.4	W	4	c	4	bc	47	38	*	0.14			
	Valencia	29.73	46	WSW	5	bc	29.71	+0.28	50	48	+0.6	SW	5	om	6	bc+p.be	50	39	5.3	0.34			
	Roche's Point	29.69	45	WNW	4	c+rs	29.70	+0.31	48	47	+0.8	W	5	0	4	c+sp	48	40	*	0.22			
	Parsonstown	29.62	41	W	1	c	29.62	+0.30	45	44	+0.9	W	1	0	*	c	46	35	6.5	0.16			
	Donaghadee	29.47	43	WSW	1	c	29.46	+0.27	40	40	+0.3	W	3	op	2	c+bc	47	33	*	0.15			
	Liverpool Obsy.	29.54	40	WSW	4	c	29.59	+0.38	38	37	0	SE	3	r	3	cp	44	35	*	0.03			
	Holyhead	29.54	43	WNW	4	cp	29.56	+0.35	45	44	+0.5	SW	5	cp	3	bc+cp	46	38	*	0.11			
	Pembroke (St. Ann's)	29.62	44	WNW	5	bc	29.68	+0.36	47	47	+0.4	WSW	6	og+u	6	bc	47	42	8.0	0.14			
Scilly (St. Mary's)	29.74	47	WNW	6	cph	29.76	+0.34	50	48	+0.5	W	6	0	5	c+hp	50	45	7.0	0.07				
Jersey (St. Aubins)	29.75	46	WNW	7	bc+rh	29.91	+0.42	46	45	+0.3	SSW	6	rm	5	bc+rh	49	42	4.8	0.27				
Portland Bill	29.65	44	WNW	5	bc	29.78	+0.40	44	44	+0.1	SW	4	rm	4	bc+bc	46	42	*	0.15				
Dungeness	29.55	44	W	6	c	29.84	+0.48	44	43	0	WSW	5	c	4	c+hp	49	37	*	-				
Wick	29.31	42	SW	3	c	29.41	+0.51	37	36	-0.3	SW	3	bc	3	c	48	34	*	0.02				
Nairn	29.31	42	W	3	c	29.40	+0.45	37	35	-0.2	Z	0	0	1	c	48	33	*	-				
Aberdeen	29.33	42	SW	1	bc+hp	29.47	+0.45	37	35	-0.3	SW	2	bc+cm	3	bc	50	31	6.6	-				
Leith	29.32	41	WSW	4	bc	29.49	+0.40	37	35	-0.4	WSW	2	om	*	bc	50	33	*	-				
North Shields	29.39	43	WSW	2	c	29.56	+0.44	37	36	-0.2	SSW	2	bc	3	c	49	34	*	-				
Spurn Head	29.17	40	N	4	bc	29.68	+0.50	37	36	-0.1	S	4	c	3	bc, p	45	35	*	0.03				
Yarmouth	29.43	43	W	4	c	29.75	+0.49	36	35	-0.4	SW	3	om	4	c+rh	45	33	*	0.11				
Loughborough	29.35	43	WNW	2	bc	29.70	+0.47	37	36	-0.1	SE	3	om	*	cp, bc, o	49	36	*	0.08				
Oxford	29.68	38	WSW	2	b	29.75	+0.45	38	37	-0.1	S	2	r	*	p, b	47	36	*	0.01				
London (Brixton)	29.58	43	WNW	3	op+rh	29.80	+0.48	39	38	-0.3	S	2	c	3	bc, op+rh, b	50	35	4.5	0.04				
The Scaw (Skagen)	29.62	28	E	7	0	29.71	+0.05	29	29	-0.3	ESE	3	m	0	0	32	27	*	0.08				
Fanø	29.55	35	SE	2	0	29.69	+0.29	34	34	-0.3	S	1	f	*	0	37	34	*	0.08				
Cuxhaven	29.49	41	SW	2	c	29.74	+0.36	36	35	0	SW	2	c	*	r, c	45	34	*	0.08				
The Helder	29.50	39	SW	2	b	29.74	+0.54	40	39	-0.1	WSW	2	m	2	b	45	39	*	-				
Brussels	*	*	*	*	*	29.95	+0.53	37	37	-0.3	WSW	2	b	*	c	49	35	*	0.08				
Berlin	29.61	41	SW	2	0	29.80	+0.24	39	37	+0.3	W	2	c	*	0	50	36	*	0.08				
Frankfurt	29.71	43	SW	4	c	29.95	+0.48	39	37	-0.5	SW	4	c	*	c	52	37	*	-				
Munich	29.73	38	SW	5	r	29.99	+0.39	36	35	-0.1	W	6	0	*	r	46	36	*	0.12				
C. Gris Nez	29.60	43	W	5	c	29.88	+0.51	41	41	-0.2	W	3	c	3	c	46	41	*	0.04				
Brest	29.87	47	WNW	3	c	29.95	+0.44	48	48	+0.3	WSW	5	r	5	c	55	45	*	0.24				
Lorient	29.91	46	WNW	6	0	30.04	+0.48	49	49	+0.5	WSW	6	r	6	c	50	44	*	0.08				
Rochefort	29.90	46	W	5	bc	30.14	+0.55	46	45	0	W	5	r	*	bc	52	41	*	0.17				
Biarritz	30.21	52	W	7	r	30.39	+0.44	51	49	0	W	6	r	6	rh+rh	52	43	*	0.20				
Paris	29.77	44	W	3	c	30.06	+0.54	34	34	-0.5	SSW	2	b	*	c	53	34	*	0.08				
Belfort	29.78	37	WSW	6	0	30.15	+0.57	35	35	-0.8	WSW	6	0	*	0	48	34	*	0.20				
Lyons	29.93	43	W	1	c	30.25	+0.54	39	36	-0.7	W	1	0	*	c	54	36	*	0.04				
Nice	29.65	44	WNW	6	b	29.92	+0.30	44	35	-0.2	WNW	6	b	4	b	54	41	*	-				
Perpignan	30.06	50	WNW	3	bc	30.30	+0.47	47	43	-0.1	WNW	3	b	*	bc	58	43	*	-				
Corunna	30.51	51	WNW	3	b	30.59	+0.31	49	47	-0.4	W	1	b	*	b	57	46	*	-				
Lisbon																							
Azores (P. Delgada)																							

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

† Observations received too late for insertion in Charts on next page.



FOR Monday, 4<sup>th</sup> March, 1901.

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

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

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

Force above 10  $\rightarrow$  : Force 5 to 7  $\rightarrow$  : } Calm ☉  
Force 8 to 10  $\rightarrow$  : Force 1 to 4  $\rightarrow$  :

SEA.—Rough  : High 



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

*WEATHER.*—Shown by Letters of the Beaufort Scale. (See P. 4.)

**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

### III BAROMETER AND WIND

*Yesterday morning.*

IV. Means of DAILY MINIMUM TEMPERATURE for the Two monthly period February-March (1871-1900.)

V. Means of DAILY TEMPERATURE  
at 8 am for the Two monthly period  
February - March (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Since yesterday the barometer has continued to rise over the whole of our Islands and their neighbourhood, but has fallen somewhat in Scandinavia, and the readings now range from 30.4 ins. over Spain and 30.15 ins. at Copenhagen to 29.3 ins. at Stomoway. There is some very shallow secondary disturbance over Wales and the Irish Sea.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The winds are NE to SE over Scandinavia, W and S over the British Islands and France, they are moderate to strong in force in most places. Temperature has risen over Ireland, fallen over Great Britain and in France, and varies from 51° at Biarritz and 50° at Seilly and Valencia to 37° on our northeast coast, 29° at the Suez, and 12° at Hammerhead. The readings over our Islands differ very little from the average. Weather is cloudy and very changeable, with rain at many of the English stations and all over the coast and northwest of France. Sea is rough at many of the northern, eastern and south-western stations, slight in the east.

During yesterday, rain fell in measurable quantity at all but our northern stations and those in Norway. None of the maximum temperature readings in our Islands exceeded 50°—some were below 45°; hail fell in the south, thunder occurred in the east. Bright Sunshine varied from 8 hours at Lambhoke and 7 hours at Seilly to 2.3 hours at Glenduckno.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general appearance is still changeable and unsettled, and the distribution of pressure favourable for SW and W winds.

## FORECASTS\*

For the 24 hours ending at NOON on 5<sup>th</sup> MARCH 1901

### DISTRICTS.

### FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

<sup>24</sup>S and <sup>24</sup>SW winds, moderate to fresh, very changeable, showery, with bright intervals.

### DISTRICTS.

### FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

<sup>24</sup>S and <sup>24</sup>SW winds, moderate to fresh, very changeable, showery, with bright intervals.

### WARNINGS

At 10.15 am to District 0. Lower Cone.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\blacktriangledup$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 9 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	c	*	b, c	47 39	6.4	0.06
Newton Reigny (Penrth)	29.47	38	N 2	bc	29.74 +.38	37	36	+5	SSW 2	0	*	c. o. g. d.	45 32	4.0	-
Bath	29.63	39	WSW 3	7	29.72 +.10	44	43	+1	SW 3	*	*	c. r	48 36	4.8	0.09

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	44	32	c. p. c	3.7	0.07	Llandudno	*	*	*	2.3	*
Hastings	*	*	*	4.6	*	Rhyl	*	*	*	6.0	*
Eastbourne	*	*	*	4.5	*	Southport	*	*	*	4.1	*
Brighton	*	*	*	6.3	*	Manchester, 9 p.m.	*	*	*	*	*
Worthing	*	*	*	6.4	*	Darwen, 9 p.m.	44	32	o. s. r. o	0.4	0.38

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR 3 <sup>rd</sup>				Ins.	Algiers ... MAR 3 <sup>rd</sup>				Ins.
Madrid					Tunis			Information	
Corsica (I. Sanguinaires)					Vienna			not arrived.	
Rome			Information		St. Petersburg				
Florence					Lugano ... MAR 2 <sup>nd</sup>	45		0	Measured 7 a.m. 2 <sup>nd</sup> 0.20
Trieste			not		Davos	43		bc	0.08
Brindisi					Lucerne	52		b	0.20
Naples			arrived.		Lausanne	48		0	0.12
Palermo									

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	MARCH 4 <sup>th</sup> 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	6.36	12.5	5.34
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	6.42	12.12	5.42
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	7.3	12.24	5.45
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	7.24	12.53	6.22
Portugal	8 a.m. (Lisbon)	8.36 a.m.						

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 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 33, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on Tuesday 5<sup>th</sup> March.

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.		
At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Max.	Min.								
Ins.				Ins.	Ins.	°	°														
SCANDINAVIA.	Haparanda ...	30.11	27	SE	2	0	30.02	- .13	23	22	- 1	SSE	2	0	*	0	30	14	*	-	
	Hernösand ...	30.01	23	2	0	S	29.88	- .13	29	28	+ 17	2	0	S	*	S	29	9	*	0.12	
	Stockholm ...	29.98	31	2	0	0	29.94	+ .03	33	32	+ 15	2	0	f	*	0	33	10	*	0.08	
	Wisby ...	29.93	34	SSE	4	T	29.98	+ .16	34	33	0	SSE	4	f	*	T	36	25	*	-	
	Karlstad...	29.96	24	NE	2	0	29.93	+ .06	27	27	+ 10	NE	2	f	*	0	*	*	0.08		
	Færder (X'ania Fjord)	29.90	24	NNE	4	0	29.82	+ .02	28	28	+ 9	NE	5	f	1	0	28	19	*	-	
	Bodö ...	29.66	25	S	4	C	29.66	- .25	31	29	+ 10	E	5	C	1	C	31	18	*	-	
	Christiansund ...	29.67	36	SE	4	C	29.45	- .10	41	33	+ 7	ESE	5	C	4	C	41	34	*	-	
Skudesnaes ...	29.56	33	S	6	C	29.43	- .13	38	36	+ 5	SSE	8	0	5	C	39	32	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.36	41	S	3	r	28.73	- .62	43	43	+ 3	W	4	r	6	C.T	45	39	*	0.39	
	Stornoway ...	29.24	44	WSW	4	0	28.82	- .49	37	36	- 5	W	5	0	5	hp,0	45	34	1.2	0.65	
	Malin Head ...	29.32	48	SW	6	orgm	29.15	- .22	40	38	- 4	WNW	7	Cg,hp	5	O.Tg,m	49	38	*	0.28	
	Blacksod Pt. ...	29.34	51	SW	8	pqm	29.21	- .32	40	38	- 7	W	9	Cg,mr,sp	7	Op,qm	52	35	*	0.29	
	Valencia...	29.62	52	SSW	6	om	29.52	- .19	40	38	- 10	WSW	8	ow	6	pqm,om	53	39	0.0	0.33	
	Roche's Point ...	29.72	51	W	5	om	29.52	- .18	42	40	- 6	W	5	Cg	5	r,om	52	41	*	0.18	
	Parsonstown ...	29.59	51	SW	1	r	29.39	- .23	40	38	- 5	W	1	0	*	O.Tg	52	39	0.0	0.38	
	Donaghadee ...	29.51	46	SW	3	T	29.15	- .31	42	39	+ 2	WSW	5	Cp	4	C.T	48	39	*	0.21	
Liverpool Obsy.	29.68	46	S	3	p	29.31	- .28	49	47	+ 11	SW	7	0	5	p	52	38	*	0.08		
Holyhead ...	29.64	47	SW	5	dm	29.36	- .20	44	43	- 1	W	7	Og	5	O.Tm	48	43	*	0.08		
Pembroke (St. Ann's)	29.76	49	SW	6	0	29.49	- .19	48	47	+ 1	WSW	7	Cg	6	O.Tm	49	46	0.0	0.10		
GERMANY, &c.	Scilly (St. Mary's)...	29.94	51	SW	5	0	29.64	- .12	51	49	+ 1	WSW	8	T	6	W.O	53	48	0.2	0.15	
	Jersey (St. Aubins)...	30.01	50	W	6	of	29.90	- .01	50	48	+ 4	W	6	om	5	T.p,of	53	47	0.3	0.12	
	Portland Bill ...	29.91	47	WSW	4	opd	29.69	- .09	48	48	+ 4	SW	7	rm	6	C,opd	50	43	*	0.04	
	Dungeness ...	29.85	45	W	4	0	29.73	- .11	48	47	+ 4	WSW	7	0	5	op	48	44	*	0.06	
	Wick ...	29.39	41	NW	5	0	28.82	- .59	42	41	+ 5	NW	4	0	5	0	46	35	*	0.15	
	Nairn ...	29.36	43	W	3	0	28.88	- .52	39	38	+ 2	W	4	T	1	0	49	35	*	0.19	
	Aberdeen ...	29.47	40	S	3	Og	28.90	- .57	47	44	+ 10	SW	4	Cg	4	Og,T	47	37	1.8	0.04	
	Leith ...	29.49	45	WSW	2	0	29.04	- .45	45	42	+ 8	WSW	7	0	2	0	51	35	*	0.15	
North Shields ...	29.59	46	SW	3	0	29.14	- .42	51	48	- 14	SSW	5	0	2	T.Cp	51	37	*	0.06		
FRANCE.	Spurn Head ...	29.71	43	SW	4	C	29.38	- .30	49	47	+ 12	SSW	6	C	5	C.Tg	52	47	*	0.08	
	Yarmouth ...	29.74	45	SW	3	C	29.57	- .18	48	47	+ 12	SSW	5	Og	5	O.C	48	35	*	0.02	
	Loughborough ...	29.75	49	SW	3	0	29.44	- .26	50	48	+ 13	SE	6	Op	*	T.C,Op	55	37	*	0.16	
	Oxford ...	29.84	49	SW	3	0	29.57	- .18	50	48	+ 12	S	6	pq	*	T.O,pq	54	37	*	0.09	
	London (Brixton)	29.83	50	WSW	3	0	29.66	- .14	49	48	+ 10	SW	5	or	*	Or,C,Op	54	38	0.4	0.18	
	The Scaw (Skagen)	29.88	33	S	1	f	29.80	+ .09	31	31	+ 2	S	3	f	1	f	34	29	*	0.08	
	Fanö ...	29.89	34	S	2	b	29.78	+ .09	37	36	+ 3	SE	5	f	*	C	39	32	*	-	
	Cuxhaven ...	29.91	39	2	0	0	29.86	+ .12	38	37	+ 2	S	3	0	*	8	43	34	*	-	
The Helder ...	29.82	38	SW	3	r	29.70	- .08	43	43	+ 3	SW	5	T	3	T	45	38	*	0.04		
SPAN. PEN.	Brussels...	*	*	*	*	*	29.91	- .04	47	46	+ 10	SW	5	T	*	0	47	37	*	0.12	
	Berlin ...	29.97	40	WSW	1	b	30.05	+ .25	33	33	- 6	SW	1	b	*	b	45	32	*	-	
	Frankfurt ...	30.05	40	SW	4	C	30.07	+ .12	40	39	+ 1	SW	3	0	*	C	50	39	*	-	
	Munich ...	30.09	33	W	4	C	30.13	+ .14	35	34	- 1	SW	3	C	*	C	41	32	*	0.20	
	C. Gris Nez ...	29.89	46	SW	4	0	29.80	- .08	45	44	+ 4	WSW	6	0	6	T	48	41	*	0.12	
	Brest ...	30.18	51	W	4	0	29.94	- .01	50	50	+ 2	WSW	6	f	6	0	52	45	*	0.08	
	Lorient ...	30.18	50	WNW	6	f	30.07	+ .03	50	50	+ 1	WNW	5	0	6	f	52	49	*	0.24	
	Rochefort ...	30.24	51	W	6	0	30.27	+ .13	50	48	+ 4	WSW	5	0	*	0	50	41	*	0.28	
Biarritz ...	30.49	54	W	6	0	30.45	+ .06	49	46	- 2	2	0	C	6	0	54	48	*	-		
SPAN. PEN.	Paris ...	30.01	48	NW	3	0	30.07	+ .01	48	46	+ 14	SW	3	0	*	0	50	34	*	0.28	
	Belfort ...	30.07	38	SE	4	T	30.13	- .02	41	41	+ 6	WSW	2	T	*	T	41	35	*	0.32	
	Lyons ...	30.20	37	S	1	T	30.32	+ .07	45	44	+ 6	E	1	0	*	T	48	37	*	0.63	
	Nice ...	30.03	50	NW	4	C	30.06	+ .14	47	39	+ 3	2	0	b	1	C	55	41	*	-	
	Perpignan ...	30.29	54	W	5	0	30.29	- .01	52	46	+ 5	W	5	0	*	0	62	47	*	-	
	Corunna ...																				
	Lisbon ...																				
	Azores (P. Delgada)	30.43	59	S	5	C	30.32	- .19	59	55	+ 2	S	5	0	5	C	63	59	*	-	

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

\* Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR *TUESDAY, 5<sup>TH</sup> MARCH, 1901.*

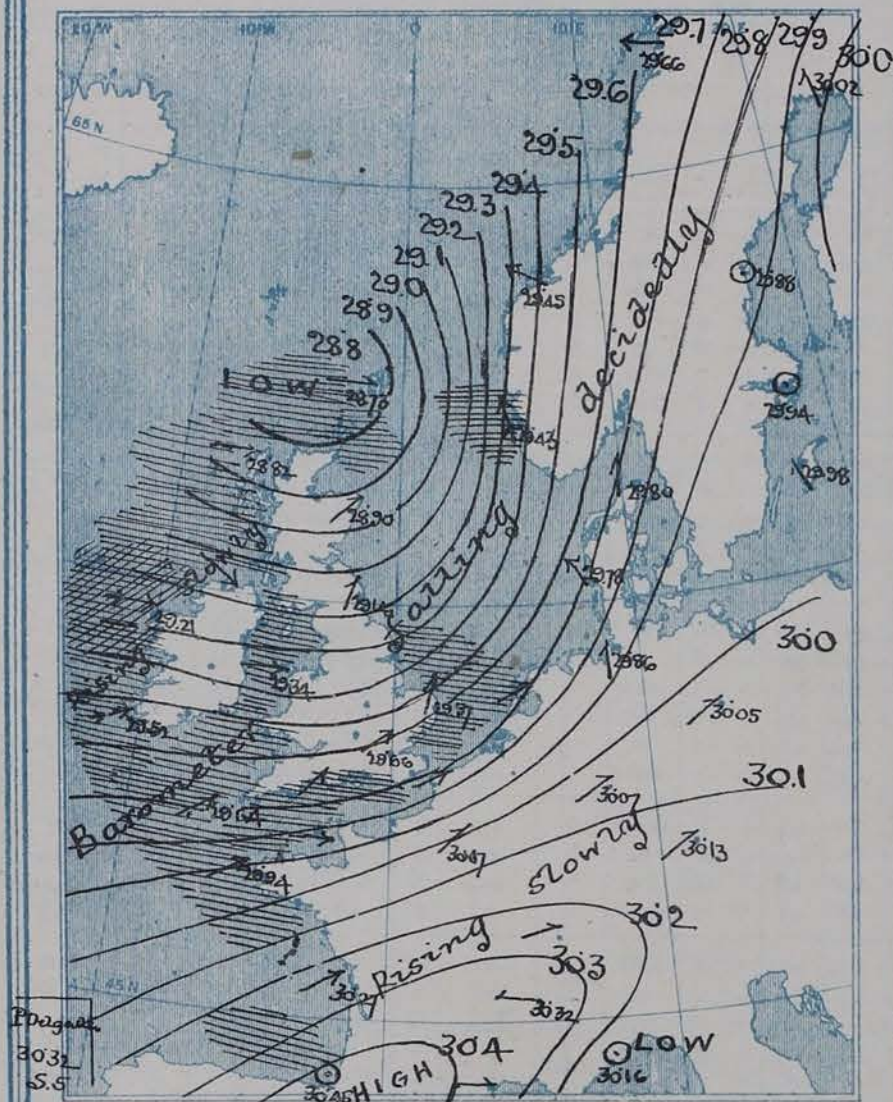
## I. BAROMETER, WIND AND SEA. *This Morning.*

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 :

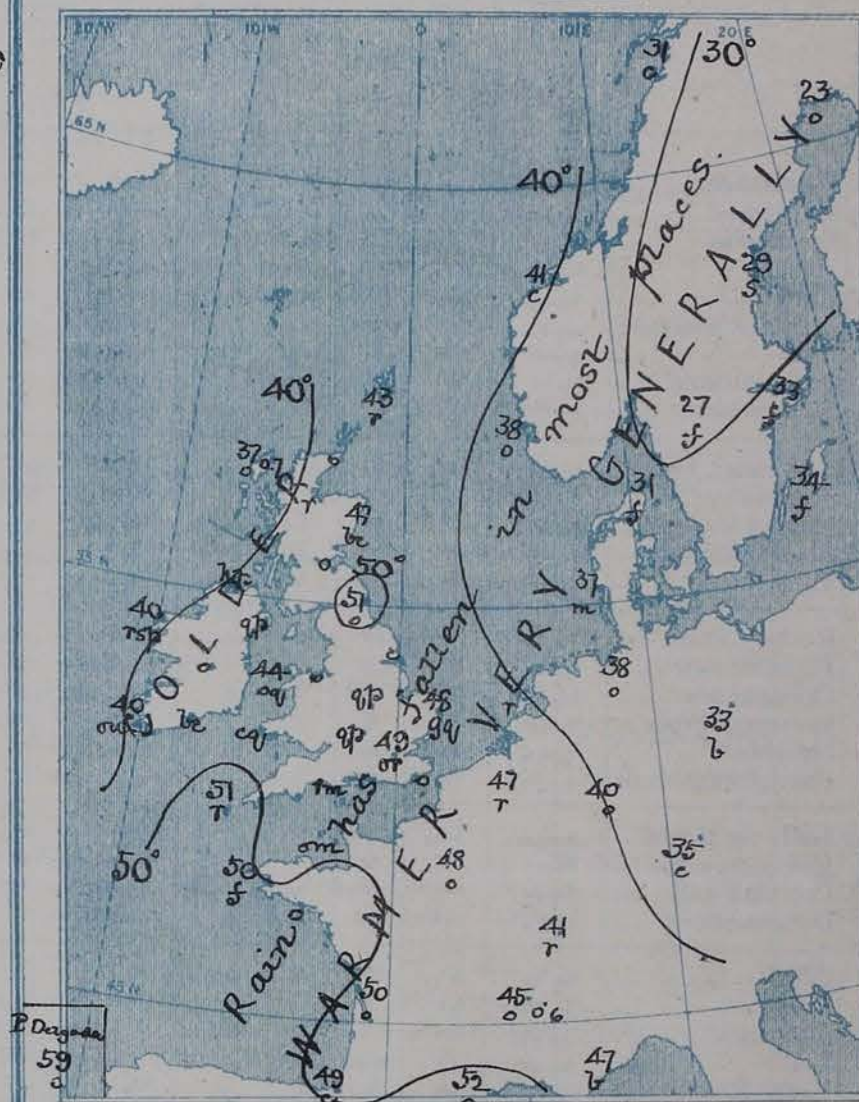


## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

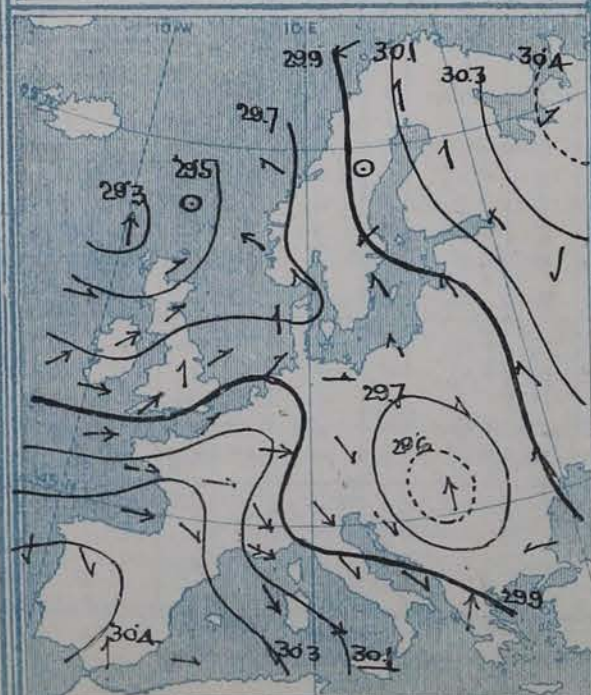
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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—0.8



## III. BAROMETER AND WIND

*Yesterday morning.*



## IV. Means of DAILY MINIMUM TEMPERATURE for the Two monthly period February-March (1871-1900.)



## V. Means of DAILY TEMPERATURE at 8 am for the Two monthly period February - March (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

In the course of the past night a large and deep depression has extended from the Atlantic over nearly the whole of NW Europe, and has occasioned a general fall of the barometer. The centre of the system is now lying off the N. of Scotland, in which region the mercury has fallen below 28.8 ins., and a steep gradient prevails, especially over the North Sea. On our W. coasts the barometer has begun to rise again. An anticyclone still lies over the Spanish Peninsula and the SW. of France, the maximum readings of the barometer being above 30.4 ins.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind blows a gale from the W. on our W. coasts and from the SW. in many parts of England. In the N. of Scotland it is at present moderate from the W. but on the E. shores of the North Sea it is SE. with a gale at Skudesnaes. Light SW. breezes are reported in Germany, but variable breezes in the S. of France. Temperature has risen considerably over St. Britain and the neighbouring parts of the Continent, and is now much in excess of the average, especially over England, where the thermometer is in many places at or slightly above 50°. In Ireland and the W. of Scotland the shift of wind to W. has been attended by colder weather, the morning temperatures being as low as 40° in several places, and below 40° in the Hebrides. The weather is in a cloudy squally state over W. Europe generally, with rain in many parts of St. Britain and sleet showers at Blackhead Point. Fog is reported in Denmark and the S. of Scandinavia, and snow at Herissand. The sea is high at Blackhead Point, and rough or rather so on nearly all parts of our own and the French coasts.

During yesterday the thermometer rose to 50° and upwards in many parts of the United Kingdom and to 55° at Loughborough. The amount of Bright Sunshine was generally small (at many W. stations there was none) but at Newton Reigny the duration amounted to 8.0 hours. Rain fell over W. Europe generally, but the amounts were mostly small. Salar halos were seen yesterday at Oxford and Pembroke.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The main depression is likely to move away shortly to the NW., but small secondary systems are advancing over the United Kingdom from the W. In their rear the wind over England is likely to veer temporarily to the W., with an extension of the colder weather now prevailing in Ireland.

## FORECASTS \*

For the 24 hours ending at NOON on 6<sup>TH</sup> MARCH 1901

### DISTRICTS.

### FORECASTS.

1	SCOTLAND NORTH	W. winds, strong in places, colder, showery.
1	SCOTLAND EAST	
2	ENGLAND N.E.	SW. winds, strong at first, moderating later, squally, showery. Becoming temporarily colder.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	SW. and W. gales moderating later, squally, showery. Becoming temporarily colder.
1	ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	Same as Nos 0 and 1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	W. gales and strong winds, squally, showery. Becoming temporarily colder.
9	IRELAND NORTH	
10	IRELAND SOUTH	W. to SW. gales and strong winds, squally, showery, cold at first, milder later. At 3.50 pm yesterday to districts 9 and 10, at 5.15 pm to districts 5, 7 and 8, and at 7.45 pm to districts 0, 1 and 6. Hoist South Cone.
	WARNINGS	

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

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	r	*	bc, o	46	39	3.2	0.10
Newton Reigny (Penrith)	29.59	43	SW 4	r	29.17	— .37	45	44	+ 8	WSW 7	r	*	o2, cgy	49	35	8.0	0.55
Bath	29.83	49	W 6	r	29.57	— .15	52	50	+ 8	SW 8	r	*	r	52	44	0.0	0.18

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	53	33	op. o	3.0	0.05	Llandudno	*	*	*	0.9	*
Hastings	*	*	*	0.0	*	Rhyl	*	*	*	1.0	*
Portsmouth	*	*	*	0.4	*	Southport	*	*	*	1.3	*
Brighton	*	*	*	1.0	*	Manchester, 9 p.m.	50	33	or, bc, or	0.3	0.12
Worthing	*	*	*	1.0	*	Darwen, 9 p.m.	46	31	ors, om	0.3	0.27

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 4 <sup>th</sup>	68	52	c, r	Ins.	Algiers ... MAR. 4 <sup>th</sup>	72	54	c, c	0.04
Madrid	52	28	bc, b	—	Tunis	72	48	c, o	—
Corsica (I. Sanguinaires)	59	43	s, m	—	Vienna	39	36	r, r	0.28
Rome	63	46	bc, o	0.12	St. Petersburg	28	12	o, o	—
Florence	54	45	o, o	0.20	Lugano ... MAR. 3 <sup>rd</sup>	1 p.m.	—	Information	Measured 7 a.m. 3 <sup>rd</sup>
Trieste	52	43	r, o	1.26	Davos	—	—	Information	—
Brindisi	59	48	r, o	0.12	Lucerne	—	—	Information	—
Naples	57	52	o, o	0.08	Lausanne	—	—	not arrived.	—
Palermo	70	55	o, o	—					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

MARCH 5, 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.34	12.5	5.36
Greenwich	6.40	12.12	5.44
Wick	7.0	12.24	5.48
Valencia	7.22	12.53	6.24

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

Wednesday, 6<sup>th</sup> March,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.			Min.				
																		Ins.			Ins.
SCANDINAVIA.	Haparanda ...	29.80	25	S	4	0	29.66	-36	30	30	+7	S	4	0	*	0	30	16	*	0.04	
	Hernösand ...	29.69	30	S	6	0	29.51	-37	31	30	+2	EHE	6	S	*	0	34	23	*	0.12	
	Stockholm ...	29.78	31	S	2	0	29.56	-38	34	33	+1	SE	4	0	*	0	37	28	*	-	
	Wisby ...	29.63	31	SSE	4	0	29.57	-41	35	33	+1	S	6	0	*	0	36	28	*	-	
	Karlstad...	29.86	33	SE	6	S	29.39	-54	33	33	+6	S	2	S	*	S	*	*	0.39		
	Färder (X'ania Fjord)	29.35	35	SSE	7	T	29.31	-51	33	33	+5	WSW	4	m	3	T	36	28	*	0.32	
	Bodö ...	29.40	32	E	4	b	29.25	-41	36	33	+5	EHE	3	0	1	b	36	28	*	-	
	Christiansund ...	29.01	43	SE	6	bc	29.10	-35	37	34	-4	S	3	b	4	bc	43	36	*	-	
	Skudesnaes ...	29.19	44	W	4	bc	29.17	-26	37	36	-1	S	6	0	4	o. bc	41	36	*	*	
	Sumburgh Head ...	28.89	38	SW	3	0	28.81	+08	40	38	-3	SW	4	b	6	0	44	34	*	0.32	
BRITISH ISLANDS.	Stornoway ...	28.79	38	W	7	0	28.85	+03	40	38	+3	WSW	7	0	7	g.c. cl	40	34	3.0	0.30	
	Malin Head ...	29.01	42	WNW	10	cq	29.15	-00	40	38	0	WNW	6	c	6	cq. h	44	36	*	0.18	
	Blacksod Pt. ...	29.46	42	WNW	7	bcq. h p	29.35	+14	43	40	+3	WNW	7	cq. h p	6	cq. h p	45	37	*	0.46	
	Valencia...	29.80	48	WSW	8	oq	29.58	+06	42	39	+2	WNW	8	oq. h p	7	cq. h p	48	40	3.4	0.32	
	Roche's Point ...	29.78	46	WNW	5	cq. h	29.54	+02	42	39	0	WNW	6	cq	5	oq. h	48	39	*	0.15	
	Parsonstown ...	29.59	43	W	2	0	29.41	+02	37	36	-3	W	1	0	*	c. or	45	35	8.7	0.66	
	Donaghadee ...	29.32	39	W	5	cq. r s	29.25	+10	38	37	-4	WSW	3	0	2	cq. r s	43	33	*	0.08	
	Liverpool Obsy. ...	29.56	42	SW	7	0	29.30	-01	42	40	-7	SSW	4	0	5	0	49	41	*	0.07	
	Holyhead ...	29.52	43	WSW	7	cq. m	29.32	-04	43	41	-1	WSW	6	opm	4	bcq. p	46	39	*	0.04	
	Pembroke (St. Ann's)	29.77	43	W	8	bc	29.42	-07	44	43	-4	WSW	8	cq. u	7	bc. p. l	48	39	4.5	0.24	
GERMANY, &c.	Scilly (St. Mary's)...	29.97	47	W	7	cq	29.65	+01	47	45	-4	WNW	8	oq. r	7	bc. cq	52	42	3.6	0.18	
	Jersey (St. Aubins)...	30.01	49	W	6	b	29.88	-02	46	43	-4	SSW	6	opm	5	o. b. q. r	52	44	2.3	0.15	
	Portland Bill ...	29.84	45	S	6	bq	29.67	-02	45	44	-3	WSW	6	cq. p	6	oq. p. q	48	40	*	0.13	
	Dungeness ...	29.77	44	WNW	4	b	29.69	-04	44	43	-4	WSW	8	q. p	6	c. h. q. p	48	40	*	0.12	
	Wick ...	28.88	42	SW	6	0	28.90	+08	38	37	-4	SW	4	c	3	0	48	34	*	0.05	
	Nairn ...	28.92	37	W	4	0	28.96	+08	38	37	-1	WSW	4	b	2	0	42	33	*	0.20	
	Aberdeen ...	29.06	38	SW	5	bcq	29.04	+14	39	36	-8	SW	4	bcq	3	rs. bcq	48	36	5.4	0.02	
	Leith ...	29.18	41	SW	6	0	29.14	+10	40	38	-5	SW	5	bc	*	0	46	35	*	0.20	
	North Shields ...	29.38	42	SW	4	c	29.25	+11	41	38	-10	SW	2	c	2	rs. p	52	37	*	0.02	
	Spurn Head ...	29.51	42	W	6	b	29.41	+03	41	39	-8	SW	6	bc	4	b	51	38	*	0.04	
FRANCE.	Yarmouth ...	29.57	43	W	4	oq	29.56	-01	42	40	-6	SW	6	cq	4	o. r. h. q	52	37	*	0.11	
	Loughborough ...	29.65	41	WNW	7	b	29.46	+02	43	40	-7	SW	6	cq	*	q. p. bc. c	53	38	*	0.05	
	Oxford ...	29.81	41	WSW	6	b	29.54	-03	43	41	-7	SSW	4	c	*	q. p. b	54	40	*	0.08	
	London (Brixton)	29.76	44	W	4	b	29.62	-04	45	42	-4	WSW	5	0	*	r. p. q. b. q	55	40	1.2	0.04	
	The Scaw (Skagen)	29.38	36	S	7	T	29.41	-39	34	33	+3	WSW	1	b	1	T	37	30	*	0.59	
	Fanö ...	29.45	38	SW	5	c	29.52	-26	37	36	0	SW	5	c	*	c	39	36	*	0.75	
	Cuxhaven ...	29.47	43	WSW	5	T	29.67	-19	37	37	-1	SW	5	c	*	T	46	34	*	0.47	
	The Helder ...	29.56	40	WSW	5	T	29.65	-05	41	40	-2	WSW	4	c	6	T	45	39	*	0.43	
	Brussels...	*	*	*	*	*	29.88	-03	39	37	-8	SW	5	T	*	b	50	36	*	0.24	
	Berlin ...	29.80	42	S	3	0	29.82	-23	39	37	+6	WNW	4	b	*	0	46	33	*	0.39	
SPAN. PEN.	Frankfurt ...	29.76	47	SW	4	T	30.03	-04	37	35	-3	SW	4	bc	*	T	48	36	*	0.12	
	Munich ...	30.02	40	W	2	J	30.12	-01	35	33	0	W	4	b	*	0	41	34	*	0.08	
	C. Gris Nez ...	29.82	45	W	7	bc	29.81	+01	42	42	-3	SW	6	T	6	bc	46	41	*	0.16	
	Brest ...	30.14	47	WNW	5	c	29.96	+02	47	46	-3	W	5	0	6	c	52	45	*	0.08	
	Lorient ...	30.16	47	WNW	6	0	30.03	-04	46	46	-4	WSW	5	T	6	0	54	45	*	0.08	
	Rochefort ...	30.21	48	W	5	0	30.15	-12	46	45	-4	WSW	3	0	*	0	52	41	*	0.12	
	Biarritz ...	30.44	53	SW	3	0	30.33	-12	51	51	+2	SW	4	f	6	0	63	48	*	0.08	
	Paris ...	29.95	48	W	5	bc	30.08	+01	37	35	-11	SSW	3	0	*	bc	53	35	*	0.04	
	Belfort ...	30.03	46	WSW	7	0	30.16	+03	37	34	-4	WSW	4	m	*	0	46	32	*	0.08	
	Lyons ...	30.23	49	SE	1	0	30.27	-05	38	35	-7	WNW	1	0	*	0	56	36	*	0.08	
Nice ...	30.06	50	2	0	c	32.99	-07	41	39	-6	E	1	bc	2	c	61	39	*	-		
Perpignan ...	30.26	58	WNW	2	0	30.22	-07	55	50	+3	WNW	3	0	*	0	67	52	*	-		
SPAN. PEN.	Corunna ...																				
	Lisbon ...																				
	Azores (P. Delgada)																				

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

\* † Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR WEDNESDAY, 6<sup>TH</sup> MARCH, 1901.

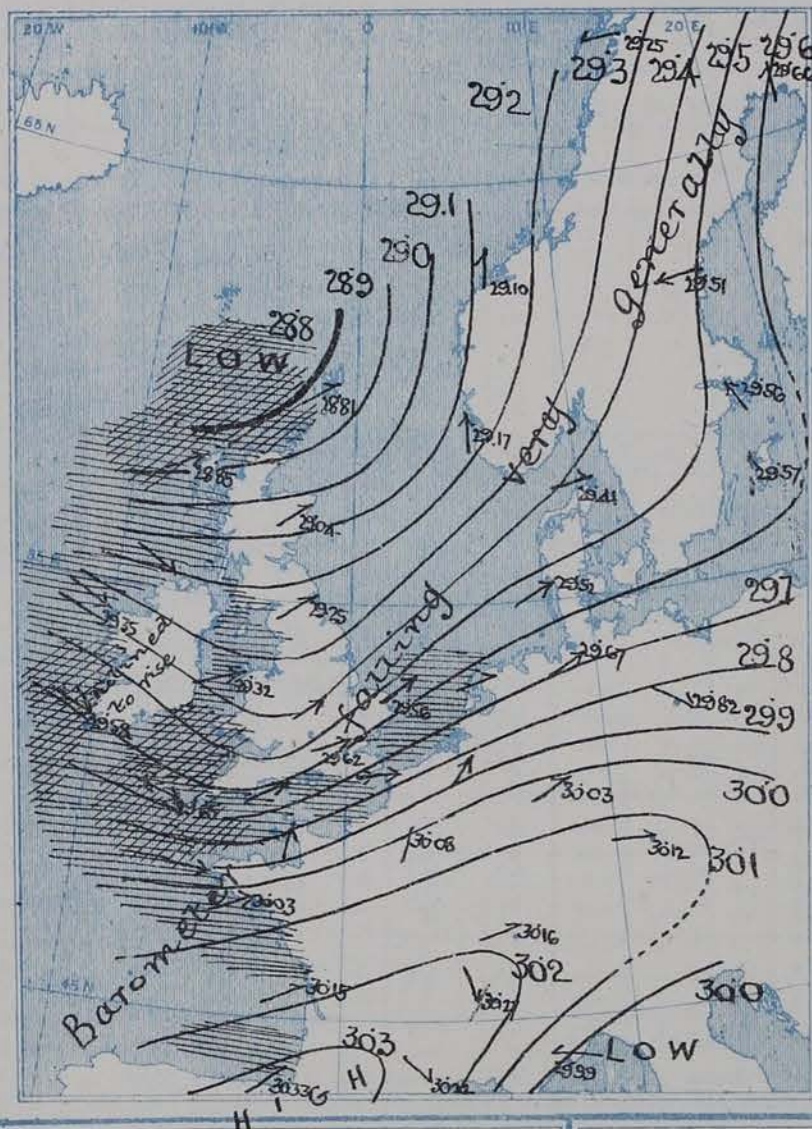
## I. BAROMETER, WIND AND SEA. This Morning.

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



## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

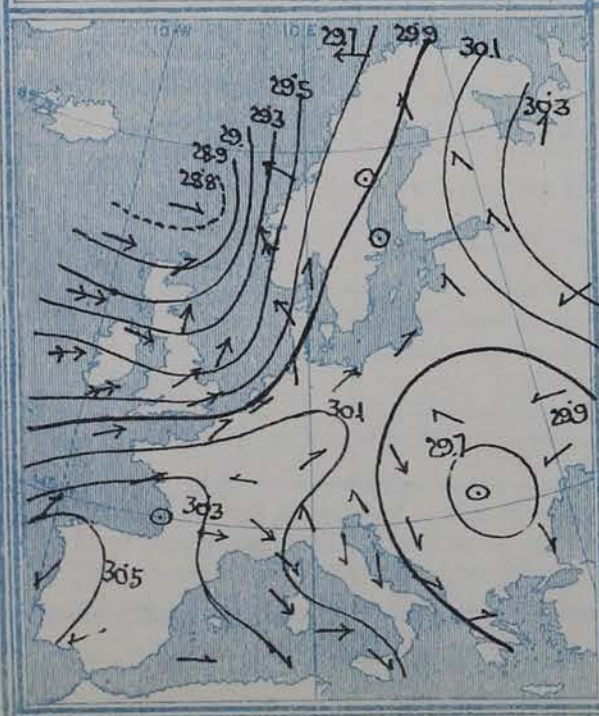
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

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—0.8



## III. BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM TEMPERATURE

for the Two monthly period February-March (1871-1900.)



## V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

February-March (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

## PRESSURE

The centre of a large and deep depression still lies off the north of Scotland, the minimum readings of the barometer being apparently below 28.5 ins. A trough of V shaped secondary systems is moving eastwards across the Irish Sea and the St. George and Bristol Channels, and the barometer is falling on all but our extreme eastern coast, where it is beginning to rise again. An anticyclone, with readings above 30.5 ins still lies over the Spanish Peninsula and the southwest of France.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is fresh to strong from the SW<sup>W</sup> over Scotland and the eastern and central part of England, - - - in the Netherlands and Denmark, and strong from between S. and E. at most of the Scandinavian stations. On our western and southern coasts it is strong to a gale from the W<sup>W</sup>. Temperature has fallen in most parts of our Islands, France, and the Netherlands, but over England the readings are still above the average for the time of year, the thermometer at many of our southern stations being at, or a trifle above 45°. In Ireland and Scotland the readings, which range a little on either side of 40°, agree very closely with the normal. The weather is at present fine in the eastern part of Great Britain and also in Denmark and Germany. In all other parts of Western Europe it is cloudy or dull, with squalls and showers on our western and southern coasts (hail in the west of Ireland), steady rain in Belgium and the north of France, and snow at some of the Swedish stations. The sea is high or rough on all but our east coasts. (Deniz yesterday the thermometer rose to 50° or upwards over the central and southern part of England generally, and to 55° in London; in the south of France it exceeded 60°, and at Perpignan it rose to 67°. The amount of bright sunshine was small on our east and southeast coasts, but larger in the west and north; at Aberdeen there was as much as 5 hours. Rain hail or sleet fell over Western Europe generally, the amount being rather large at some of our western stations. Lightning was seen last night at Stomsway and Pembroke.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The trough of "V shaped" depressions over our western coasts is likely to move quickly Eastwards across England, and in its rear the wind will veer temporarily to the W<sup>ad</sup> or NW<sup>ad</sup> with somewhat colder weather. The general conditions are still very unsettled.

## FORECASTS\*

For the 24 hours ending at NOON on 7<sup>TH</sup> MARCH 1901

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
f <sub>b</sub>	{ SCOTLAND NORTH	} SW <sup>z</sup> and W <sup>z</sup> winds, strong in places; some cold showers.	f <sub>6</sub>	{ SCOTLAND WEST	} W <sup>z</sup> and NW <sup>z</sup> gales and strong winds; squally, showery.
f <sub>1</sub>	{ SCOTLAND EAST		f <sub>7</sub>	{ ENGLAND N.W.	
f <sub>2</sub>	{ ENGLAND N.E.	f <sub>8</sub>	{ ENGLAND S.W.		
f <sub>3</sub>	{ ENGLAND EAST	f <sub>9</sub>	{ IRELAND NORTH		
4	{ MIDLAND COUNTIES	f <sub>10</sub>	{ IRELAND SOUTH		
f <sub>5</sub>	{ ENGLAND SOUTH	Same as No 5.	WARNINGS		
		SW <sup>z</sup> to W <sup>z</sup> or NW <sup>z</sup> winds, strong to a gale at first, but moderating later; squally, showery, rather colder.			

*Note.*—The **South Cone**, point downwards (  $\nabla$  ), 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 (  $\blacktriangledup$  ), 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**.

\* For terms for transmission of Forecasts by Telegraph, see next page



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar.	Temp.	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine.	Rainfall
	Ins.	°			Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.	Hrs.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	o, b	52	38	1. 1	0.06
Newton Reigny (Penrith)	29.39	40	Sw 9	r	29.26	+0.9	37	37	- 8	Sw 4	r	*	cq p. r	46	36	3. 6	0.16
Bath	29.81	46	W 6	c	29.48	-0.9	45	42	- 7	Sw 5	0	*	c	54	40	3. 2	0.19

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	51	38	r, c	4. 4	0.04	Llandudno	*	*	*	3. 2	*
Hastings	*	*	*	0. 6	*	Rhyl	*	*	*	4. 6	*
Eastbourne	*	*	*	1. 0	*	Southport	*	*	*	4. 2	*
Brighton	*	*	*	1. 6	*	Manchester, 9 p.m.	51	41	ov, bc, 0	3. 5	0.34
Worthing	*	*	*	1. 9	*	Darwen, 9 p.m.	49	37	o, c r, ov	2. 6	0.80

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 5 <sup>m</sup>	63	50	bc, c	Ins.	Algiers ... MAR. 5 <sup>m</sup>	64	50	c, b	Ins.
Madrid	—	—	—	—	Tunis	57	45	c, bc	—
Corsica (I. Sanguinaires)	55	45	m, m	—	Vienna	41	37	o, c	0.24
Rome	57	36	bc, b	—	St. Petersburg	28	12	b, b	—
Florence	57	32	b, b	—	Lugano	52	—	b	Measured 7 a.m. 4 <sup>m</sup>
Trieste	55	37	o, bc	—	Davos	34	—	bc	0.47
Brindisi	63	43	o, o	0.35	Lucerne	37	—	o	0.47
Naples	57	43	c, b	—	Lausanne	39	—	o	0.47
Palermo	68	48	bc, b	—					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

MARCH 6 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.32	12.5	5.38
Greenwich	6.38	12.12	5.46
Wick	6.57	12.24	5.50
Valencia	7.20	12.53	6.26

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" Weekly " " " " " £1 10 0 " " Single Copies, 6d.

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† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on Thursday, 7<sup>th</sup> March, 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.			
		At 32° and M.S.L.	Ins.	Dry Bulb.	Direc.		Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.			Direc.	Force (0 to 12.)			Weather.	Max.	Min.
SCANDINAVIA.	Haparanda ...	29.62	33	S	4	0	29.65	-0.01	25	25	-5	SE	4	S	*	0	34	25	*	0.08		
	Hernösand ...	29.40	32	Z	0	0	29.53	+0.02	32	31	+1	Z	0	0	*	0	32	28	*	0.20		
	Stockholm ...	29.51	34	Z	0	0	29.60	+0.04	35	34	+1	SSE	2	0	*	0	36	28	*	0.04		
	Wisby ...	29.59	33	S	4	b	29.59	+0.02	35	34	0	SSE	4	T	*	b	37	27	*	0.08		
	Karlstad...	29.41	34	S	2	0	29.48	+0.09	35	?	+2	E	2	0	*	0	*	*	*	?		
	Færder (X'iania Fjord)	29.30	35	S	2	0	29.36	+0.05	34	34	+1	ENE	2	0	3	0	36	33	*	0.12		
	Bodö ...	29.25	36	E	4	0	29.29	+0.04	37	32	+1	ESE	4	bc	1	0	37	32	*	-		
	Christiansund	29.16	39	SE	1	bc	29.37	+0.27	34	31	-3	ENE	3	b	4	bc	43	32	*	-		
	Skudesnaes	29.14	38	SSE	4	T	29.17	-0.00	37	36	0	SE	2	0	4	c.T	39	34	*	*		
	BRITISH ISLANDS.	Sumburgh Head	28.72	44	S	4	c	29.12	-0.31	41	39	+1	E	3	0	6	bc.c	43	39	*	0.06	
Stornoway ...		28.77	43	WNW	7	0	28.99	+0.14	43	42	+3	ENE	7	T	7	org.0	44	38	2.1	0.55		
Malin Head ...		29.05	43	WNW	7	cq	29.14	-0.01	44	42	+4	W	8	op	7	cq	46	40	*	0.09		
Blacksod Pt. ...		29.40	45	WNW	7	cq.p	29.52	+0.17	45	42	+2	W	7	bcq	6	bcq.p	47	37	*	0.32		
Valencia...		29.65	46	W	8	cq	29.68	+0.10	46	42	+4	W	7	cq	6	cq	48	42	3.8	0.09		
Roche's Point ...		29.58	46	WNW	5	cq	29.52	-0.02	44	42	+2	W	5	bcq	4	cq	47	40	*	0.15		
Parsonstown ...		29.44	42	W	3	0	29.47	+0.06	41	40	+4	WNW	2	b	*	cp.0	46	36	3.5	0.08		
Donaghadee ...		29.14	43	WNW	4	org.p	29.18	-0.07	42	40	+4	W	4	cq	3	org.p	45	36	*	0.23		
Liverpool Obsy.		29.22	41	WSW	7	T	29.18	-0.12	41	40	-1	WSW	7	0	6	p	44	38	*	0.12		
Holyhead ...		29.28	44	W	7	cq.p	29.26	-0.06	43	41	0	WNW	7	cq.p	6	cq.p	45	39	*	0.08		
GERMANY, &c.	Pembroke (St. Ann's)	29.48	45	W	7	c	29.42	-0.00	44	42	0	WNW	6	bc	5	c	45	42	6.4	0.05		
	Scilly (St. Mary's)...	29.67	44	WNW	8	cq	29.52	-0.13	46	43	-1	W	8	cq	6	cq	48	40	5.5	0.09		
	Jersey (St. Aubins)...	29.66	47	W	6	bc	29.52	-0.36	46	41	0	W	6	0	5	bc.org.bc	49	40	3.6	0.18		
	Portland Bill ...	29.52	44	WNW	7	bcq	29.37	-0.30	43	42	-2	W	6	0	5	bc	46	40	*	0.13		
	Dungeness ...	29.41	43	W	5	bc	29.30	-0.39	43	42	-1	W	5	0	5	bc	47	41	*	0.04		
	Wick ...	28.76	40	S	5	c	28.98	+0.08	42	41	+4	E	2	0	3	c	42	36	*	0.01		
	Nairn ...	28.81	38	W	4	c	28.90	-0.06	39	39	+1	Z	0	T	1	c	46	36	*	0.39		
	Aberdeen ...	28.86	41	SSW	3	bc	28.91	-0.07	40	38	+1	E	2	c	2	bcq.T	46	35	3.0	0.02		
	Leith ...	28.93	40	WSW	4	bc	28.94	-0.20	42	39	+2	WSW	4	0	*	bc	46	37	*	0.04		
	North Shields ...	29.05	43	SW	3	c	29.01	-0.24	38	36	-3	SW	2	bc	2	c	47	36	*	-		
FRANCE.	Spurn Head ...	29.18	41	W	5	b	29.11	-0.30	40	38	-1	WSW	5	cq.p	4	b.T	50	39	*	0.06		
	Yarmouth ...	29.24	41	W	5	org	29.17	-0.39	41	40	-1	WSW	4	cq.m	4	org	45	37	*	0.11		
	Loughborough ...	29.30	42	W	4	c	29.20	-0.26	40	38	-3	W	3	op	*	cpq	45	39	*	0.18		
	Oxford ...	29.38	41	WNW	3	b	29.27	-0.27	41	40	-2	WSW	4	0	*	cq.p.b	46	38	*	0.13		
	London (Brixton)	29.39	43	WNW	4	bc	29.27	-0.35	41	40	-4	SW	2	T	*	qph.c	47	39	1.1	0.22		
	The Scaw (Skagen)	29.36	36	S	2	0	29.30	-0.11	36	35	+2	SSE	3	0	1	0	37	34	*	-		
	Fanö ...	29.29	38	S	6	T	29.15	-0.37	36	36	-1	S	6	0	*	T	41	36	*	0.20		
	Cuxhaven ...	29.44	40	S	5	T	29.22	-0.45	38	38	+1	S	5	op	*	p	43	36	*	0.20		
	The Helder ...	29.20	40	SW	7	c	29.17	-0.48	41	40	0	WSW	4	T	4	c	43	37	*	0.16		
	Brussels...	*	*	*	*	*	29.36	-0.52	39	38	0	SW	6	T	*	T	46	36	*	0.08		
SPAN. PEN.	Berlin ...	29.66	41	SW	2	0	29.45	-0.37	39	37	0	SW	3	bc	*	0	46	36	*	-		
	Frankfurt ...	29.55	42	SW	6	T	29.52	-0.51	39	36	+2	SW	4	c	*	T	45	37	*	0.04		
	Munich ...	29.76	35	SW	2	bc	29.65	-0.47	35	33	0	W	5	0	*	bc	45	32	*	0.04		
	C. Gris Nez ...	29.45	43	W	7	0	29.34	-0.47	42	41	0	W	6	T	7	0	46	39	*	0.24		
	Brest ...	29.82	44	W	5	c	29.56	-0.40	45	40	-2	W	5	c	5	c	47	37	*	0.12		
	Lorient ...	29.84	45	W	6	0	29.65	-0.38	43	41	-3	W	5	bc	6	0	54	41	*	0.20		
	Rochefort ...	29.95	46	WNW	5	c	29.72	-0.43	45	43	-1	W	4	0	*	r.c.h	52	41	*	0.12		
	Biarritz ...	30.11	53	WSW	6	T	29.91	-0.42	49	44	-2	W	7	T	6	T	54	45	*	0.28		
	Paris ...	29.66	39	SW	2	c	29.56	-0.52	36	35	-1	SW	3	bc	*	c	47	35	*	0.08		
	Belfort ...	29.75	41	WSW	6	0	29.63	-0.53	34	33	-3	WSW	4	0	*	0	47	31	*	0.12		

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

† Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR

Thursday, 7<sup>th</sup> March,

1901.

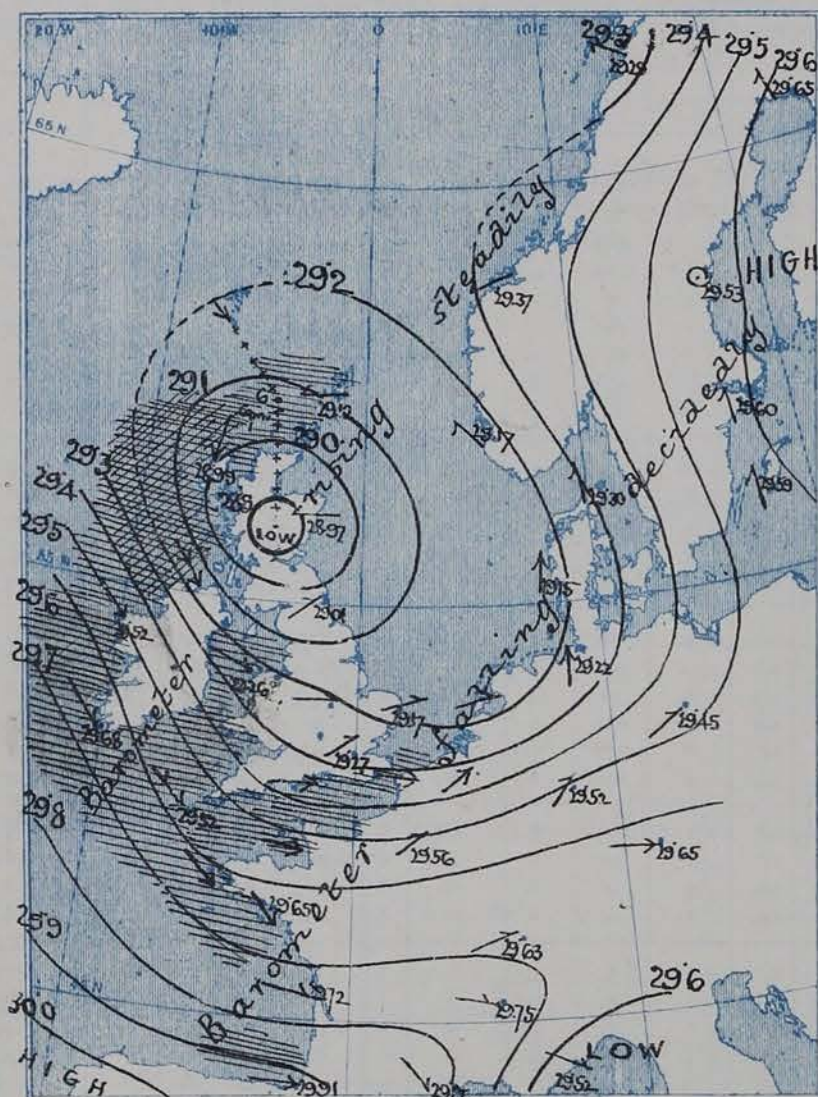
## I. BAROMETER, WIND AND SEA. This Morning.

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

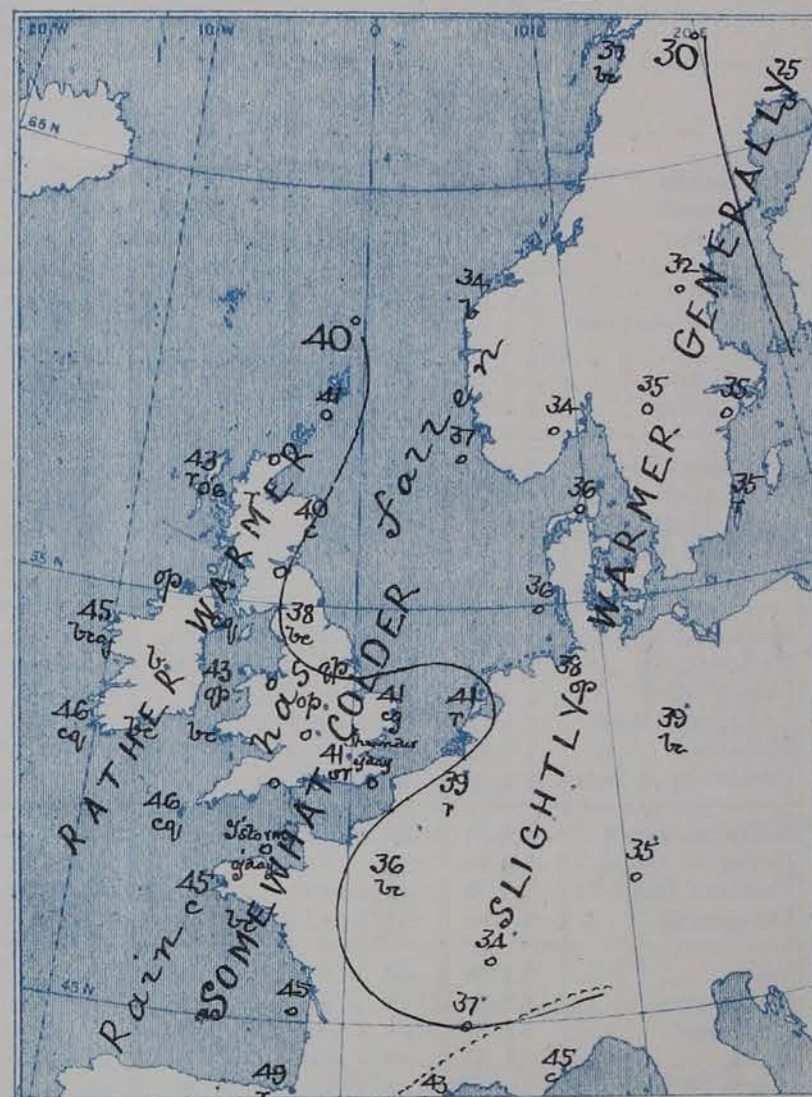


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

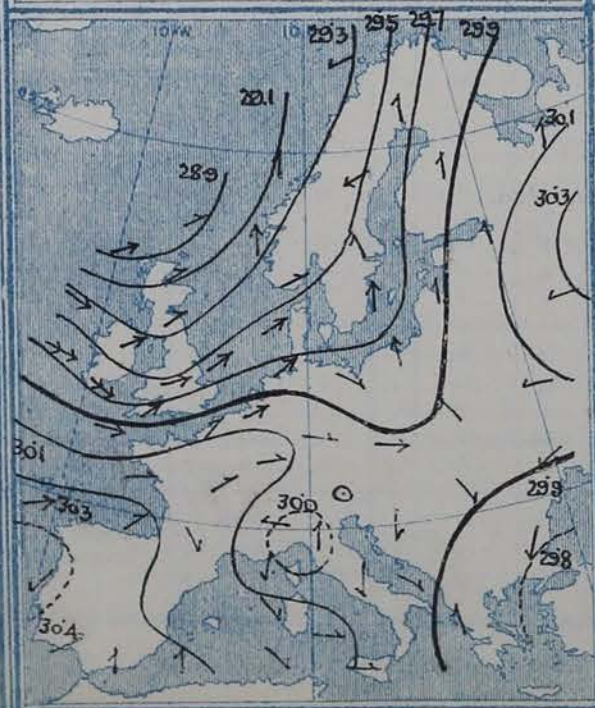
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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—0.8



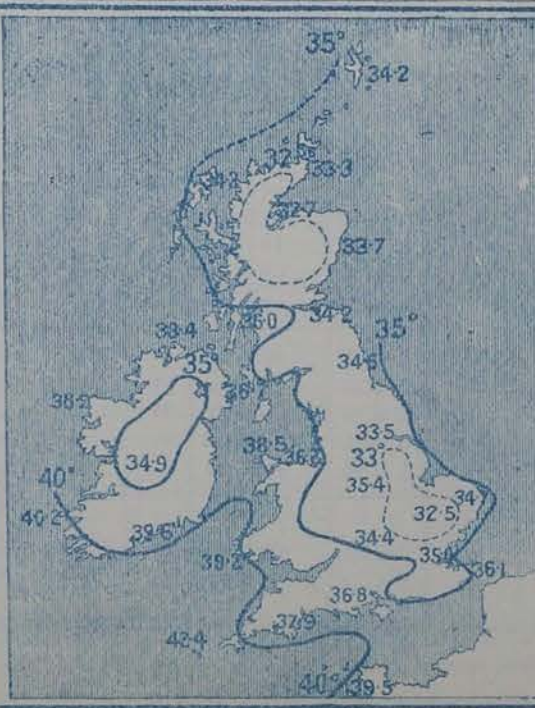
## III. BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM TEMPERATURE

for the Two monthly period February-March (1871-1900.)



## V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period February-March (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The depression recently noticed off our extreme northern coasts is moving southwards, its centre being at present found over Central Scotland, where the barometer is apparently below 28.9 ins. The system is, however, beginning to disperse, and the mercury is rising in most parts of the United Kingdom, as well as in Scandinavia; elsewhere it is still falling. The anticyclone over the Spanish Peninsula is diminishing in intensity, but the highest pressures, 30.3 ins. and upwards, are still found over Portugal.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind shows a complete circulation round the northern depression. On all our western coasts it is strong to a gale from the NW<sup>2</sup>, and in the Channel and Bay of Biscay, it is strong from W. Over the Netherlands and the eastern parts of England and France it is moderate to fresh from the SW<sup>2</sup>, and in Denmark from the S<sup>2</sup>, but in Sweden it is SE<sup>2</sup>, and in Norway and the east of Scotland E<sup>2</sup>. Temperature has fallen slightly in England and France, but risen in Ireland and Scotland. In our Islands the readings are a trifle above or below 40°, and agree very closely with the average for the time of year. At most of the Continental stations the thermometer is below 40°, and over the Gulf of Bothnia it is below the freezing point. The weather remains in a very changeable condition generally, with rain or passing showers in many places. The sea is high at Stornoway and Melin Head, and rough or rather so on all but our east coasts.

During yesterday the thermometer rose to 45° and upwards over the United Kingdom generally and to 50° at Spurn Head. The amount of Bright Sunshine was small excepting on our south-west coasts; at Pembroke there was more than 6 hours. Rain or hail fell over nearly the whole of Western Europe, and thunder and lightning occurred in the south and south-east of England. Lunar halos were seen in London and Aberdeen.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression will probably continue to move slowly southwards or south-eastwards and will gradually disperse. On our western coasts the wind is likely to subside slowly, but in the north some increase in force is anticipated from the north-eastward or northward.

## FORECASTS\*

For the 24 hours ending at NOON on 8<sup>TH</sup> MARCH 1901

### DISTRICTS.

### FORECASTS.

† 0	{ SCOTLAND NORTH	E <sup>2</sup> to NE <sup>2</sup> winds, freshening; changeable, some cold showers.
† 1	{ SCOTLAND EAST	
† 2	{ ENGLAND N.E.	Same as No 5
† 3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
† 5	{ ENGLAND SOUTH	SW <sup>2</sup> to W <sup>2</sup> winds, strong in places, gusty, changeable, some showers.

### DISTRICTS.

### FORECASTS.

† 6	{ SCOTLAND WEST	NW <sup>2</sup> winds, strong, a gale in places; squally, some showers.
† 7	{ ENGLAND N.W.	
† 8	{ ENGLAND S.W.	
† 9	{ IRELAND NORTH	
† 10	{ IRELAND SOUTH	

### WARNINGS

At 3.30 pm yesterday to districts 9 and 10, and at 7.15 pm to districts 0, 1, 5, 6, 7, and 8 "Keep up Cone". The signals are still flying on all coasts.

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

\* For terms for transmission of Forecasts by Telegraph, see next page



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	r	*	c, t	44	37	1.3	0.19
Newton Reigny (Penrith)	29.07	44	NSW 7	0	29.07	-19	39	38	+ 2	N 6	0	*	Op. c, g, r	44	34	2.5	0.31
Bath	29.46	46	NW 6	7	29.31	-17	42	40	- 3	WNW 6	b	*	c, r	48	36	3.5	0.25

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	44	35	o, h, b	2.3	0.26	Llandudno	*	*	*	1.9	*
Hastings	*	*	*	2.3	*	Rhyl	*	*	*	3.3	*
Eastbourne	*	*	*	2.2	*	Southport	*	*	*	3.1	*
Brighton	*	*	*	3.0	*	Manchester, 9 p.m.	45	39	o, h, c, o, g	0.6	0.15
Worthing	*	*	*	3.5	*	Darwen, 9 p.m.	40	35	o, r	0.1	0.68

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 6 <sup>th</sup>	68	54	b, b	Ins.	Algiers ... MAR. 6 <sup>th</sup>	70	50	b, b	Ins.
Madrid	—	—	—	—	Tunis...	63	45	c, c	—
Corsica (I. Sanguinaires)	57	41	m, f	—	Vienna	46	37	b, o	0.20
Rome	57	37	b, b	—	St. Petersburg...	30	12	o, o	—
Florence	55	41	b, o	—	Lugano ... MAR. 5 <sup>th</sup>	55	—	bc	Measured 7 a.m. 5 <sup>th</sup>
Trieste	48	41	b, b	—	Davos	34	—	f	0.28
Brindisi...	54	45	o, o	—	Lucerne	39	—	r	0.12
Naples	55	45	b, b	—	Lausanne	39	—	o	0.35
Palermo	61	43	m, b	—					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	MARCH 7 <sup>th</sup> 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth ...	6.29	12.4	5.39
Germany, Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ...	6.35	12.11	5.47
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ...	6.54	12.23	5.52
Spain ...	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ...	7.17	12.52	6.28
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.						

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† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

Friday, 8<sup>th</sup> March,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Lfs.	
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.			Min.				
																		Ins.			Ins.
SCANDINAVIA.		Haparanda ...	29.88	24	SE	2	0	29.99	+ .34	25	24	0	S	2	0	*	0	32	21	*	0.16
		Hernösand ...	29.78	33	Z	0	5	29.99	+ .46	32	30	0	Z	0	5	*	5	34	30	*	-
		Stockholm ...	29.74	34	Z	0	0	29.94	+ .34	32	32	- 3	E	2	5	*	5	37	30	*	0.08
		Wisby ...	29.74	33	SE	4	0	29.88	+ .29	33	32	- 2	ESE	4	0	*	0	37	30	*	-
		Karlstad ...	29.67	34	NE	4	S	29.92	+ .44	34	33	- 1	NE	2	0	*	S	*	*	*	0.12
		Færder (X'ania Fjord)	29.58	35	NE	4	0	29.88	+ .52	34	33	0	NE	4	0	2	0	36	34	*	0.08
		Bodö ...	29.74	35	E	2	S	29.90	+ .61	35	34	- 2	E	1	m	1	S	39	32	*	-
		Christiansund ...	29.68	37	Z	0	bc	29.97	+ .60	38	36	+ 4	NEW	2	0	4	bc	41	34	*	0.08
		Skudesnaes ...	29.88	40	NE	2	bc	29.89	+ .72	37	34	0	NNE	2	h	1	0 bc	41	36	*	*
		Sumburgh Head	29.66	42	NNE	2	c	30.08	+ .96	38	36	- 3	N	3	h	5	0, c	44	36	*	0.01
		Stornoway ...	29.77	43	NE	6	0	30.24	+ 1.25	38	36	- 5	N	4	0	4	c, 0	44	34	5 4	0.12
		Malin Head ...	29.58	45	N	9	cq	30.20	+ 1.06	43	40	- 1	NW	7	bcq	6	bcq, cq	46	39	*	0.05
		Blacksod Pt. ...	29.76	46	N	6	bcq, p	30.27	+ 0.75	45	43	0	N	4	h	4	bcq, p	47	38	*	0.06
		Valencia ...	29.77	47	NW	8	0 q, p	30.24	+ .56	46	41	0	NNE	6	bcq	6	cq, p	48	45	2.5	0.12
		Roche's Point ...	29.56	46	N	8	c	30.14	+ .62	43	40	- 1	NNE	4	h	3	bc, c	48	40	*	-
		Parsonstown ...	29.57	45	NW	2	c	30.18	+ .71	40	39	- 1	NW	2	h	*	cq, p	47	37	4 4	0.06
		Donaghadee ...	29.45	45	NNE	5	c	30.12	+ .94	43	40	+ 1	Z	0	bc	3	c	47	40	*	0.03
		Liverpool Obsy.	29.26	42	N	5	c	29.95	+ .77	40	37	- 1	N	3	h	3	c, p	44	40	*	0.09
		Holyhead ...	29.32	43	NNE	8	q, m, r	30.02	+ .76	44	40	+ 1	NNE	7	cq, m	6	q, m, p, q	46	40	*	0.14
		Pembroke (St. Ann's)	29.29	45	NW	6	c	29.92	+ .50	44	41	0	NE	7	bcq	5	cq, p	46	41	?	0.04
		Scilly (St. Mary's)...	29.47	47	NW	8	c, p	29.81	+ .29	46	42	0	NNE	9	c	6	c, p	49	40	6.1	0.10
		Jersey (St. Aubins)...	29.41	46	NW	5	cq	29.60	+ .08	42	40	- 4	NNE	7	r, m	5	bc, c, p	51	42	4.0	0.11
		Portland Bill ...	29.28	43	NW	5	cq, p	29.67	+ .30	41	40	- 2	NNE	5	cq	4	cq, p	47	40	*	0.06
		Dungeness ...	29.25	43	N	2	0	29.60	+ .30	41	40	- 2	NE	4	0, p	3	c, 0	51	39	*	0.20
		Wick ...	29.66	40	N	4	0	30.14	+ 1.16	39	38	- 3	N	4	c	3	0	44	35	*	0.02
		Nairn ...	29.63	42	E	5	0	30.17	+ 1.27	40	38	+ 1	NW	3	c	2	0	45	38	*	0.05
		Aberdeen ...	29.54	41	N	5	cq, p	30.09	+ 1.12	41	38	+ 1	N	5	bcq	4	cq, p, h	46	38	3.4	0.01
		Leith ...	29.46	42	NW	3	0	30.10	+ 1.16	41	38	- 1	N	4	c	*	0	50	39	*	0.05
		North Shields ...	29.33	42	NNE	4	p	29.97	+ 0.96	41	39	+ 3	NNE	5	c, p	5	c, p, r	45	36	*	0.19
		Spurn Head ...	29.24	42	NNE	3	c	29.79	+ .68	40	39	0	NNE	7	cq	7	c	45	39	*	0.08
		Yarmouth ...	29.18	43	N	2	c, m	29.68	+ .51	41	40	0	NNE	5	cq	5	c, c, m	44	36	*	0.24
		Loughborough ...	29.14	41	NW	1	0	29.81	+ .61	39	38	- 1	NNE	6	0, p	*	p, c, q, r	46	37	*	0.33
		Oxford ...	29.24	41	NW	1	0	29.75	+ .28	41	39	0	NNE	3	0, p	*	0	48	38	*	0.17
		London (Brixton)	29.23	42	SW	2	bc	29.68	+ .41	42	40	+ 1	NE	6	0, d	*	c, p, q, r	49	37	1.7	0.16
		The Scaw (Skagen)	29.53	35	SE	3	m	29.80	+ .50	36	35	0	E	2	0	1	m	37	34	*	0.16
		Fanö ...	29.45	37	ESE	4	0	29.75	+ .60	34	34	- 2	ESE	2	5	*	0	39	32	*	0.08
		Cuxhaven ...	29.35	39	S	1	0	29.69	+ .47	34	34	- 4	E	1	c	*	0, r	41	32	*	0.08
		The Helder ...	*	*	*	*	*	29.60	+ .24	38	37	- 1	E	1	r	*	r	43	36	*	0.20
		Brussels ...	*	*	*	*	*	29.64	+ .19	39	36	0	Z	0	0	*	c	48	36	*	-
		Berlin ...	29.51	39	SE	4	c	29.63	+ .11	33	32	- 6	E	2	h	*	c	45	32	*	0.04
		Frankfurt ...	29.51	33	SE	2	c	29.59	- .06	32	31	- 3	SE	3	h	*	c	39	30	*	-
		Munich ...	*	*	*	*	*	29.60	+ .24	38	37	- 1	E	1	r	*	r	43	36	*	0.20
		C. Gris Nez ...	29.29	41	N	5	r	29.54	+ .20	41	?	- 1	ESE	4	c	4	r	46	39	*	?
		Brest ...	29.55	45	NW	5	c	29.60	+ .04	45	40	0	N	5	c	5	c	46	45	*	0.12
		Lorient ...	29.52	46	NW	5	c	29.50	- .15	44	41	- 2	NE	5	S	5	c	50	39	*	0.20
		Rochefort ...	29.58	45	N	4	c	29.46	- .26	44	42	- 1	WSW	3	0	*	bc, c	50	41	*	0.20
		Biarritz ...	29.75	48	NW	6	r	29.57	- .34	43	42	- 6	WSW	6	r	6	h	50	39	*	0.67
		Paris ...	29.41	41	SW	2	h	29.49	- .07	36	35	0	SE	1	c	2	h	48	34	*	0.04
		Belfort ...	29.50	33	N	2	0	29.53	- .10	32	32	- 2	Z	0	c	*	0	40	30	*	0.12
		Lyons ...	29.58	37	SW	1	c	29.56	- .14	29	29	- 8	N	1	5	*	c	51	29	*	-
		Nice ...	29.43	45	NW	3	h	29.48	- .04	38	31	- 7	ESE	4	h	1	h	57	34	*	-
		Perpignan ...	29.56	47	S	1	0	29.52	- .34	37	35	- 6	Z	0	0	*	0	60	34	*	?
		Corunna ...	*	*	*	*	*	29.43	- .41	50	46	- 2	NW	5	0	*	r	57	46	*	0.04
		Lisbon ...	30.11	53	NW	4	h	30.47	- .02	55	51	- 3	ESE	4	c	4	h	66	52	*	-
		Azores (P. Delgada)	30.55	55	ESE	4	h	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

\* Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

1001 FOR **FRIDAY, 8<sup>th</sup> MARCH, 1901.**

## I. BAROMETER, WIND AND SEA. This Morning.

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

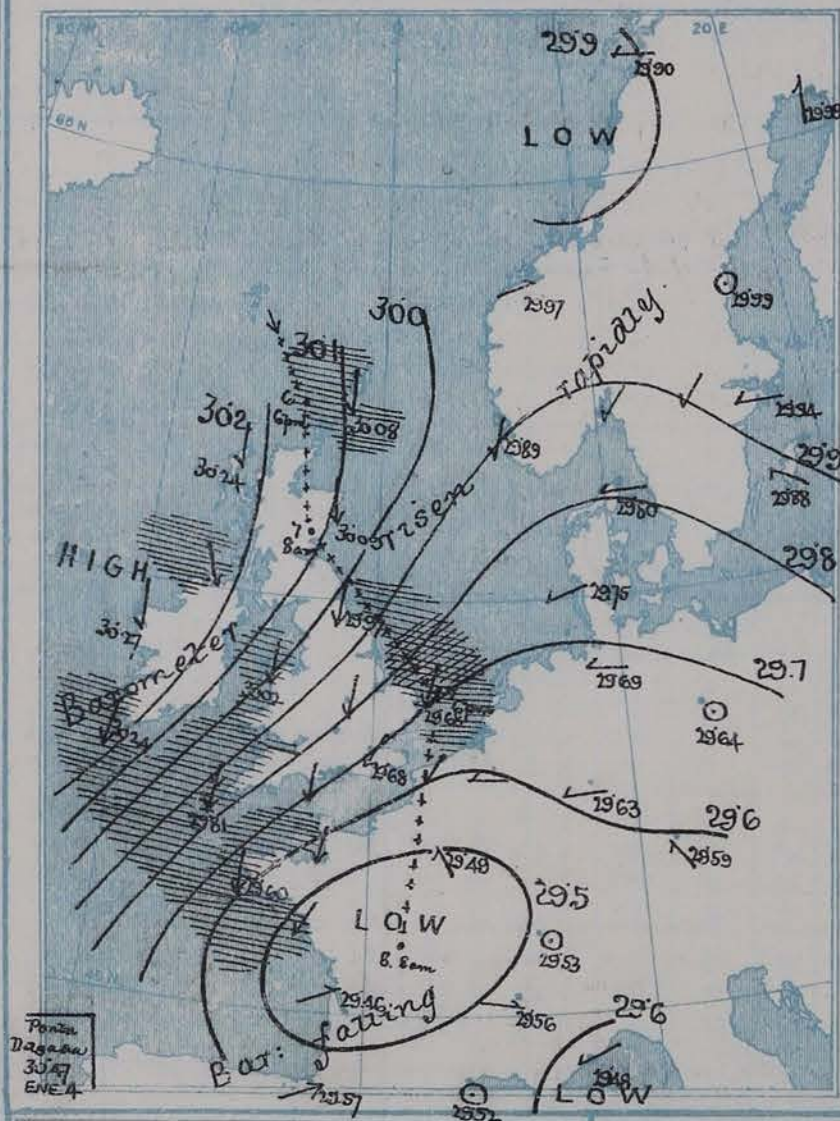
Calm

Force 8 to 10

Force 1 to 4

SEA.—Rough

High



## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

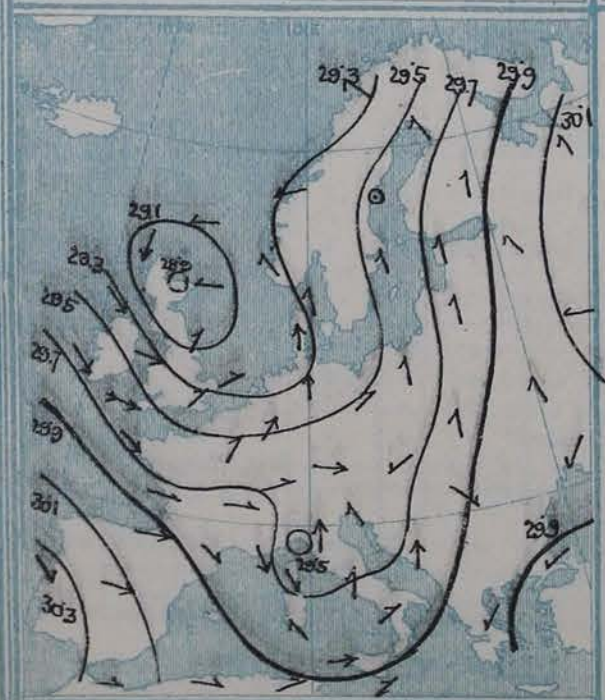
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



## III. BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM TEMPERATURE for the monthly period March (1871-1900.)



## V. Means of DAILY TEMPERATURE at 8 am. for the monthly period March (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The depression noticed yesterday morning over Scotland has moved in an irregular southerly track, its centre, with minimum readings below 29.5 in., being now situated over the west of France, apparently near Toulon. In its rear the barometer has risen rapidly, the change since yesterday morning amounting to an inch or more at several of our northern stations, and to an inch and a quarter in the northwest of Scotland. A large anticyclone, with readings above 30.2 in., is spreading from the Atlantic over our western and northern districts.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind has veered to the N<sup>w</sup> or NE<sup>w</sup> over the whole of the United Kingdom, and blows very strongly on many parts of the English and Irish coasts, with a gale at Scilly. It has also shifted to the E<sup>w</sup> in Denmark, Germany, and the south of Scandinavia, but in the south of France (on the other side of the barometric minimum) it remains W. Temperature has not changed much, but is inclined to fall in many places; in our Islands the readings range mostly a little on either side of 40°, but on our extreme southwest coasts it exceeds 45°. Slight frost has reappeared over Central France, and is also prevalent in Sweden. Squally, showery weather is reported over England, and dull weather at most of the Continental stations, with rain at Brussels and Biarritz, and snow at Lorient, as well as at Stockholm. In Ireland and Scotland a decided improvement has taken place, the sky being now clear or nearly so. The sea is high at Spurn Head and rough or rather so on nearly all the more exposed parts of our own and the French coasts.

During yesterday the thermometer rose to between 45° and 50° over the United Kingdom generally, and to 51° at Jersey. The amount of Bright Sunshine was small in the east and south, but larger in the west and north; at Scilly, there was as much as 6.1 hours. Rain or hail fell in most parts of Western Europe, and snow at several of the Scandinavian stations; lightning was seen at Aberdeen at night.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The western anticyclone is likely to extend, and a gradual improvement in the weather is therefore probable over England. A reduction in temperature is anticipated over the United Kingdom generally, with night frost over the inland districts.

## FORECASTS \*

For the 24 hours ending at NOON on 9<sup>th</sup> MARCH 1901

### DISTRICTS.



### FORECASTS.

0	SCOTLAND NORTH	N <sup>w</sup> winds, moderate; fair generally, but slight local showers. Rather colder.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as N <sup>o</sup> 5
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	NE <sup>w</sup> winds, strong at first, but moderating later; squally and showery then fair. Colder.

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	Same as N <sup>o</sup> 0 and 1.
7	ENGLAND N.W.	Same as N <sup>o</sup> 5
8	ENGLAND S.W.	NE <sup>w</sup> winds, strong to a gale at first, moderating later; squally and showery. Rather colder.
9	IRELAND NORTH	N <sup>w</sup> and NE <sup>w</sup> winds, moderating; fair generally. Colder.
10	IRELAND SOUTH	
WARNINGS		At 7.10 pm yesterday to districts 2 and 3, "Hoist North Cone". At 10.30 pm today to districts 0, 1, and 6 "Lower Cone". The signals are still flying on our other coasts.

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

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	c, r	47	37	2.2	0.23
Newton Reigny (Penrith)	29.88	44	NNE 4	0	29.99	+ .92	39	38	0	NNE 4	r	*	c p r q h	46	36	2.0	0.18
Bath	29.19	43	NW 3	r	29.78	+ .47	43	40	+ 1	NNE 7	c	*	c, r	49	40	5.2	0.05

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	45	37	p. o.	0.8	0.19	Llandudno	*	*	*	?	*
Hastings	*	*	*	1.5	*	Rhyl	*	*	*	1.2	*
Eastbourne	*	*	*	2.5	*	Southport	*	*	*	0.1	*
Brighton	*	*	*	3.3	*	Manchester, 9 p.m.	44	39	p. o. c	0.0	0.33
Worthing	*	*	*	2.8	*	Darwen, 9 p.m.	41	35	ors. o q	0.0	0.76

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 7 <sup>th</sup>	—	—	—	Ins.	Algiers ... MAR. 7 <sup>th</sup>	72	54	c, b	Ins.
Madrid	67	39	bc, bc	—	Tunis	64	45	bc, c	—
Corsica (I. Sanguinaires)	59	43	m, f	0.04	Vienna	46	34	b, o	—
Rome	57	48	o, o	—	St. Petersburg	28	5	b, b	—
Florence	59	46	o, o	0.08	Lugano ... MAR. 6 <sup>th</sup>	55	—	b	Measured 7 a.m. 6 <sup>th</sup>
Trieste	52	45	bc, r	0.12	Davos	39	—	b	0.55
Brindisi	—	—	—	—	Lucerne	48	—	b	0.08
Naples	57	48	o, o	0.16	Lausanne	45	—	b	0.16
Palermo	66	45	b, f	—					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	MARCH 8 1901.			
						Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	6.26	12.4	5.41
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	6.33	12.11	5.49
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	6.51	12.23	5.54
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	7.15	12.52	6.30
Portugal	8 a.m. (Lisbon)	8.36 a.m.						

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 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on *Saturday, 9<sup>th</sup> March, 1901.*  
 Issued by the Meteorological Office, 63, Victoria Street, London. *W. N. SHAW, Secretary.*

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall Ins.		
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.									
Ins.	Ins.	°	°	Ins.	Ins.	°	°	Ins.	Ins.	°	°	Hours	Ins.								
SCANDINAVIA.	Haparanda ...	30.02	29	Z	0	0	29.73	- 26	28	26	+ 3	SW	6	0	0	32	18	*	-		
	Hernösand ...	30.08	31	Z	0	0	29.91	- 08	27	27	- 5	S	2	0	0	34	27	*	-		
	Stockholm ...	30.15	31	Z	0	0	30.17	+ 23	31	29	- 1	WSW	2	0	0	34	30	*	-		
	Wisby ...	30.12	33	NE	4	0	30.19	+ 31	32	31	- 1	NNE	4	0	0	34	28	*	0.04		
	Karlstad ...	30.19	33	SE	2	0	30.18	+ 26	33	31	- 1	SW	2	0	0	34	28	*	-		
	Færder (X'ania Fjord)	30.18	34	NE	1	0	30.15	+ 27	34	33	0	SSW	4	m	2	0	36	32	*	-	
	Bodö ...	29.85	37	Z	0	0	29.17	- 73	41	39	+ 6	SW	8	r	5	0	41	32	*	0.12	
	Christiansund ...	30.06	38	WSW	2	bc	29.75	- 22	42	37	+ 4	WSW	8	0	6	bc	43	37	*	-	
	Skudesnaes ...	30.19	37	Z	0	0	30.21	+ 32	38	37	+ 1	S	4	0	2	b	46	32	*	-	
	Sumburgh Head	30.15	39	W	2	0	29.95	- 13	44	44	+ 6	W	4	0	5	c.o	44	38	*	0.01	
Stornoway ...	30.27	42	WSW	3	0	30.12	- 12	44	42	+ 6	WSW	4	0	4	0	45	36	0.9	0.03		
Malin Head ...	30.31	42	WSW	2	bc	30.27	+ 07	43	43	0	HW	3	ogm	3	b. bg	44	40	*	-		
Blacksod Pt. ...	30.37	45	H	3	bc	30.37	+ 10	46	45	+ 1	W	3	om	3	bc, l	48	39	*	-		
Valencia ...	30.32	47	NNE	5	bc	30.43	+ 19	36	34	- 10	Z	0	bc	4	bc	50	35	6.9	-		
BRITISH ISLANDS.	Roche's Point ...	30.29	47	NNE	4	b	30.41	+ 27	40	38	- 3	H	3	b	3	bc b	51	38	*	-	
	Parsonstown ...	30.30	48	H	1	c	30.39	+ 21	34	33	- 6	W	1	0	*	c	48	30	7.5	-	
	Donaghadee ...	30.27	44	H	3	c	30.32	+ 20	36	35	- 7	WSW	2	c	2	c	47	33	*	-	
	Liverpool Obsy.	30.20	42	H	3	bc	30.34	+ 39	39	37	- 1	Z	0	c	0	bc	46	36	*	-	
	Holyhead ...	30.22	44	NE	6	bc	30.35	+ 33	40	39	- 4	Z	0	cm	0	c bc	44	38	*	-	
	Pembroke (St. Ann's)	30.12	44	NNE	6	bc	30.34	+ 42	41	39	- 3	NE	2	c	2	bc	46	36	8.8	-	
	Scilly (St. Mary's)...	30.06	46	NNE	8	c	30.28	+ 47	44	41	- 2	NNE	4	c	3	c bc	48	39	6.4	0.01	
	Jersey (St. Aubins)...	29.89	45	NNE	6	cgma	30.22	+ 62	43	40	+ 1	NNE	4	bc	4	cgma, rs	44	41	3.1	0.03	
	Portland Bill ...	30.00	43	H	4	bc	30.28	+ 61	37	36	- 4	NNE	3	b	3	c bc	47	36	*	0.01	
	Dungeness ...	29.91	43	NE	5	0	30.20	+ 60	40	39	- 1	NNE	3	0	2	c.o	45	39	*	0.04	
Wick ...	30.23	41	H	3	0	30.10	- 04	43	41	+ 4	W	4	bc	1	0	43	36	*	-		
Nairn ...	30.24	40	Z	0	c	30.15	- 02	45	42	+ 5	WSW	4	c	2	c	46	38	*	-		
Aberdeen ...	30.26	40	HW	2	bc	30.18	+ 09	39	37	- 2	W	1	bm	2	cg, bc	45	33	4.5	-		
Leith ...	30.25	41	NNE	2	bc	30.24	+ 14	40	38	- 1	W	3	bc	*	bc	45	32	*	-		
North Shields ...	30.19	42	WSW	4	0	30.28	+ 31	37	35	- 4	SW	2	0	3	cp.o	45	35	*	0.01		
Spurn Head ...	30.11	42	NNE	5	bc	30.28	+ 49	39	38	- 1	H	3	bc p	3	bc	45	37	*	0.01		
Yarmouth ...	29.99	40	NE	6	c	30.22	+ 54	39	37	- 2	NE	5	c	4	c	42	37	*	0.07		
Loughborough ...	30.12	42	NE	4	b	30.32	+ 51	36	36	- 3	HW	1	cm	*	pg, bc	45	34	*	0.02		
Oxford ...	30.13	41	NE	4	0	30.32	+ 57	35	34	- 6	H	2	0	*	0	44	33	*	-		
London (Brixton)	30.03	42	NE	5	or	30.26	+ 58	38	36	- 4	NE	3	0	*	or.o	45	36	0.3	0.10		
GERMANY, &c.	The Scaw (Skagen)	30.15	35	E	2	0	30.23	+ 43	34	33	- 2	SSW	1	0	0	0	37	34	*	-	
	Fanö ...	30.12	37	SE	2	0	30.26	+ 51	34	34	0	Z	0	0	*	0	39	34	*	-	
	Cuxhaven ...	29.95	39	H	2	bc	30.25	+ 56	35	34	+ 1	NE	2	0	*	bc	41	32	*	-	
	The Helder † ...	29.98	38	NE	4	0	30.20	+ 50	36	36	0	ENE	3	0	3	0	43	36	*	-	
	Brussels ...	*	*	*	*	*	30.17	+ 57	37	36	- 1	NE	2	0	*	0	46	35	*	0.12	
	Berlin ...	29.86	39	NE	2	r	30.10	+ 46	35	34	- 4	H	3	0	*	r	45	34	*	0.04	
	Frankfurt ...	29.89	41	NE	2	c	30.06	+ 43	37	36	+ 4	NNE	4	0	*	c	48	33	*	-	
	Munich ...	29.79	33	SE	3	b	29.95	+ 36	28	28	- 4	HW	2	f	*	b	43	27	*	-	
FRANCE.	C. Gris Nez ...	29.90	42	E	5	0	30.16	+ 62	40	38	- 1	E	4	c	3	0	43	37	*	-	
	Brest ...	29.95	45	H	5	c	30.20	+ 60	41	39	- 4	NE	2	c	3	c	45	37	*	0.28	
	Lorient ...	29.87	45	NE	5	0	30.14	+ 64	42	41	+ 1	NE	4	c	4	0	50	39	*	-	
	Rochefort ...	29.72	46	ENE	4	0	29.97	+ 51	39	37	- 5	NE	4	bc	*	0	55	36	*	0.12	
	Biarritz ...	29.60	47	ENE	4	c	29.92	+ 35	40	38	- 3	NNE	1	c	5	c	52	37	*	-	
	Paris ...	29.79	43	NE	3	b	30.09	+ 60	39	37	+ 3	NNE	3	0	*	b	47	36	*	-	
SPAN. PEN.	Belfort ...	29.67	40	NE	3	b	29.92	+ 39	34	31	+ 2	ENE	5	m	*	b	46	31	*	-	
	Lyons ...	29.65	41	SW	1	b	29.89	+ 33	33	31	+ 4	H	2	b	*	b	48	29	*	-	
	Nice ...	29.52	46	Z	0	c	29.77	+ 29	41	35	+ 3	E	1	c	2	c	52	38	*	-	
	Perpignan ...	29.58	46	SW	2	0	29.82	+ 30	40	38	+ 3	W	1	0	*	0	56	36	*	-	
	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Lisbon ...	29.78	48	HW	5	b	29.75	- 18	47	41	- 3	H	5	b	*	b	54	43	*	0.04		
Azores (P. Delgada)	30.40	55	NE	4	c	30.36	- 11	55	50	0	NE	4	0	3	c	61	54	*	-		

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

† Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR *Saturday, 9<sup>th</sup> March, 1901.*

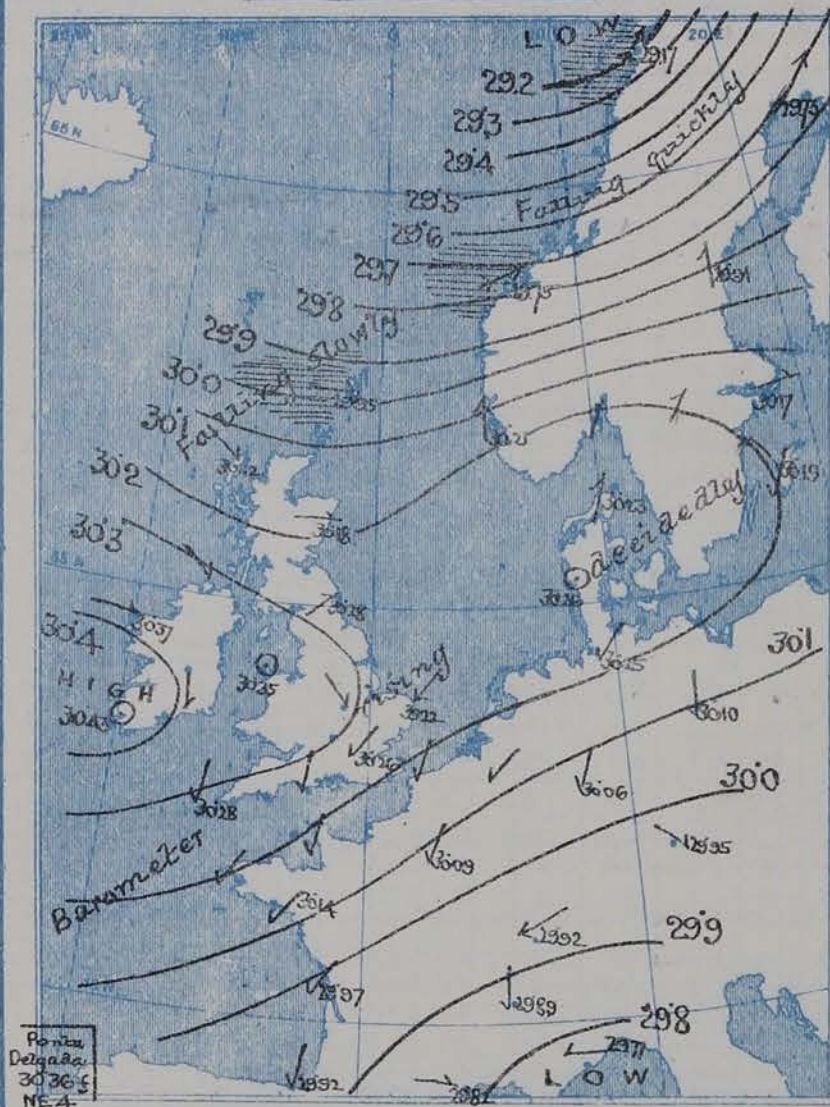
## I. BAROMETER, WIND AND SEA. *This Morning.*

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

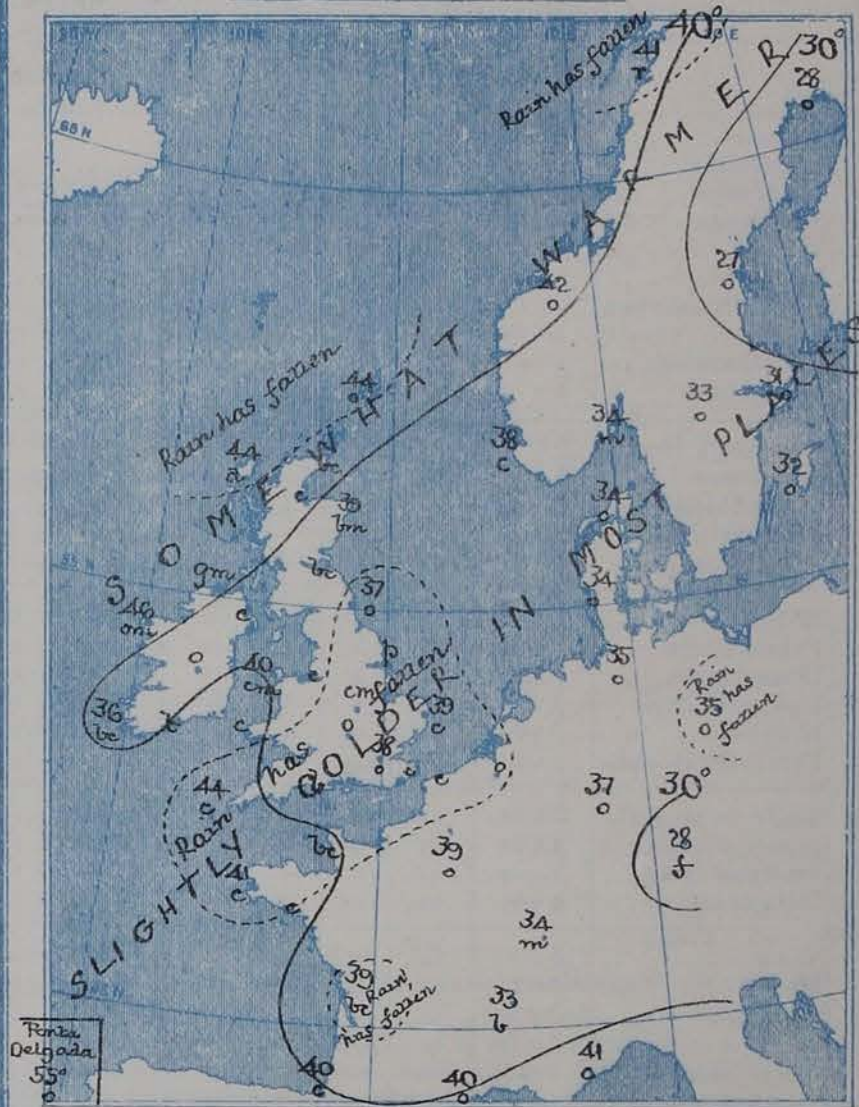


## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



## III. BAROMETER AND WIND

*Yesterday morning.*



## IV. Means of DAILY MINIMUM TEMPERATURE for the monthly period March (1871-1900)



## V. Means of DAILY TEMPERATURE at 8 a.m. for the monthly period March (1871-1900)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The depression which had reached France yesterday, has continued to move southwards and has now disappeared from our area. The anticyclone in the west has in the meantime spread eastwards over the greater part of our Islands, the North Sea, Denmark, and the south of Sweden, the highest readings 30.4 mm. and upwards, being reported in the south of Ireland. In the course of the night, however, a large depression, with minimum readings below 29.2 mm. has appeared off the Norwegian coast, and under its influence the barometer is now falling quickly in Norway, and slightly at all our own northern stations.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is light to moderate from the N<sup>W</sup> or NE<sup>W</sup> over the greater part of England, the south of Ireland, France, Germany, and the Netherlands, but is rather variable in the extreme south of France. Over the northern part of our Islands it has backed to the W<sup>W</sup>, while in Scandinavia it is chiefly SW, with a gale in the west of Norway. Temperature has fallen in England and Ireland, and at the central stations it is now considerably below 40°, the lowest reading reported being 35° at Newcastle (Penrith). In the north of Scotland the change of wind has been accompanied by milder weather, the morning readings being at or a little below 45°. A rise of temperature has also taken place on the Norwegian coast, but in other parts of the Continent there appears to have been little change. The weather is at present fair over the greater part of our Islands and France, but is dull in the southeast of England, and also on our extreme west and northwest coasts, with drizzling rain at Stromsøya. Dull weather is also reported in Scandinavia and Denmark and rain is falling at Bodø. The sea is moderate or slight generally, but rough off the Norwegian coast, and rather rough at Seaburgh Head.

Slight frost occurred last night in several parts of the United Kingdom, the lowest readings reported being:—(1) In the snow 30° at Harrogate and 33° at Leith; (2) On the grass 26° at Loughborough and 29° in London. The amount of bright Sunshine yesterday was small at most of our northern, eastern, and southern stations, but large in the west, at Barmouth there was nearly 9 hours. Rain or sleet fell in the east and south of England and the neighbouring part of the Continent; lightning was seen at Blackpool Point.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which has appeared off the Norwegian coast is likely to be followed shortly by other disturbances moving in a more southerly track, so that W<sup>W</sup> winds and mild unsettled weather will probably extend gradually over the United Kingdom. For the next twenty-four hours the weather in all the more southern districts is, however, likely to remain under the influence of the anticyclone.

## FORECASTS \*

For the 24 hours ending at NOON on 10<sup>th</sup> MARCH 1901

### DISTRICTS.

### FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

W<sup>W</sup> winds, freshening; dull, some rain.

W<sup>W</sup> winds, light or moderate; fair at first, some rain later.

NE<sup>W</sup> to NW<sup>W</sup> winds, light; fair generally. Frost inland at night.

### DISTRICTS.

### FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Same as N° 0

Same as N° 1 and 2.


N<sup>W</sup> winds, light or moderate; fair generally.


Same as N° 0

N<sup>W</sup> to W<sup>W</sup> winds, light; fair generally.

At 7.15 pm yesterday to districts 2 and 3 "LOWER CONE"

### WARNINGS

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

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

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	bc	*	o	42	37	0 0	0.07
Newton Reigny (Penrith)	30.25	38	N 3	c	30.32	+ 33	33	32	- 6	rw 1	bc	*	cp b	23	30	3 5	0.03
Bath	30.05	42	N 6	bc	30.31	+ 53	38	36	- 5	rw 1	b	*	bc	47	34	4 5	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	46	37	o, c	2.2	0.02	Llandudno	*	*	*	2.1	*
Hastings	*	*	*	1.9	*	Rhyl	*	*	*	5.1	*
Eastbourne	*	*	*	0.9	*	Southport	*	*	*	4.9	*
Brighton	*	*	*	3.8	*	Manchester, 9 p.m.	45	38	bc, p, bc	1.1	0.06
Worthing	*	*	*	4.0	*	Darwen, 9 p.m.	43	36	o, cm, o, yu	3.8	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR 8 <sup>TH</sup>	77	54	b, b	Ins.	Algiers ... MAR 8 <sup>TH</sup>	68	46	c, r	0.91
Madrid	55	33	c, o	—	Tunis	68	46	bc, o	—
Corsica (I. Sanguinaires)	54	37	m, m	0.11	Vienna	—	—	—	—
Rome	54	43	c, bc	0.55	St. Petersburg	23	5	b, bc	—
Florence	52	39	o, r	0.16	Lugano ... MAR 7 <sup>TH</sup>	52	—	bc	Measured 7 a.m. 1 <sup>st</sup> 0.28
Trieste	—	—	—	—	Davos	27	—	s	0.35
Brindisi	61	45	o, bc	—	Lucerne	41	—	o	—
Naples	55	46	o, bc	0.16	Lausanne	39	—	o	0.24
Palermo	68	39	bc, o	—					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corres- ponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corres- ponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

MARCH 9 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.24	12.4	5.43
Greenwich	6.31	12.11	5.51
Wick	6.49	12.23	5.56
Valencia	7.13	12.52	6.32

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 " " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on Sunday 10<sup>th</sup> March, 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.						
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.				Sun- shine. Hours	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		Weather.	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Weather.	Max.	Min.	Snn- shine. Hours			Rainfall. Ins.
		Ins.					Ins.	Ins.															
SCANDINAVIA.	Haparanda ...	29.22	30	SW	6	b	29.18	-.35	25	24	- 3	W	4	b	*	b	32	23	*	*	0.16		
	Hernösand ...	29.54	37	2	0	o	29.52	-.39	39	33	+ 12	W	4	b	*	o	39	23	*	*	-		
	Stockholm ...	30.04	32	2	0	o	29.80	-.37	37	34	+ 6	WSW	4	o	*	o	37	28	*	*	-		
	Wisby ...	30.13	31	W	6	o	29.99	-.20	35	32	+ 3	W	8	o	*	o	36	27	*	*	-		
	Karlstad ...	29.96	35	W	2	o	29.83	-.35	38	37	+ 5	WSW	2	o	*	o	*	*	*	*	-		
	Färder (X'ania Fjord)	29.99	36	WSW	6	c	29.84	-.31	37	36	+ 3	SW	6	o	4	c	37	34	*	*	0.04		
	Bodö ...	29.19	33	W	7	s	29.20	+ .03	30	27	- 11	W	7	s	4	s	41	27	*	*	-		
	Christiansund ...	29.64	40	W	9	r	29.69	-.06	40	37	- 2	WNW	6	o	5	r	43	39	*	*	0.39		
	Skudesnaes ...	30.09	40	SSW	4	r	29.98	-.23	41	41	+ 3	WSW	4	f	2	r	41	37	*	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.91	45	W	4	r	29.86	-.09	46	46	+ 2	W	4	r	5	m.r	47	42	*	*	0.08		
	Stornoway ...	30.07	47	WNW	6	o	30.04	-.08	46	45	+ 2	WNW	5	o	5	2.0	48	40	0.4	*	0.05		
	Malin Head ...	30.24	45	W	2	c	30.20	-.07	45	45	+ 2	W	3	o.d.p.f	2	c	47	42	*	*	0.03		
	Blacksod Pt. ...	30.31	48	WNW	2	cp	30.29	-.08	46	46	0	SW	3	om	3	dep.cp	49	41	*	*	0.05		
	Valencia ...	30.33	46	NW	1	o	30.30	-.13	38	37	+ 2	NE	1	c	3	o	49	35	0.1	*	0.04		
	Roche's Point ...	30.34	38	NNE	2	o	30.32	-.09	41	41	+ 1	N	2	f	3	bc,c,o	50	40	*	*	-		
	Parsonstown ...	30.30	45	SW	1	o	30.29	-.10	42	42	+ 6	SW	1	o	*	o	46	33	0.0	*	0.01		
	Donaghadee ...	30.27	46	W	2	o	30.25	-.07	42	41	+ 6	NW	3	c	2	o.p	48	35	*	*	-		
	Liverpool Obsy.	30.29	40	W	1	b	30.25	-.09	41	40	+ 2	W	2	f	?	b	45	38	*	*	-		
	Holyhead ...	30.31	43	WSW	1	c	30.26	-.09	45	44	+ 5	WSW	1	f	0	c	47	39	*	*	-		
	Pembroke (St. Ann's)	30.30	44	NNW	1	bc	30.24	-.10	41	40	0	E	2	cm	1	bc	47	39	4.4	*	-		
	Scilly (St. Mary's)...	30.29	45	NNE	2	c	30.23	-.05	42	39	- 2	NE	2	bc	2	c	48	38	1.1	*	-		
	Jersey (St. Aubins)...	30.24	45	NNE	4	cm	30.22	-.00	42	38	- 1	NE	3	o	3	bc,cm	47	40	4.3	*	-		
	Portland Bill ...	30.29	42	ENE	2	c	30.26	-.02	35	34	- 2	N	1	cm	2	c	46	34	*	*	-		
	Dungeness ...	30.26	41	NE	3	o	30.24	+ .04	39	37	- 1	ENE	3	o	2	c,o	43	37	*	*	-		
	Wick ...	30.05	49	W	3	o	30.01	-.09	48	46	+ 5	NW	2	o	1	o	53	43	*	*	-		
	Nairn ...	30.11	49	W	1	c	30.07	-.08	48	46	+ 3	WSW	1	b	1	c	54	43	*	*	-		
	Aberdeen ...	30.14	48	SW	1	c	30.09	-.09	49	46	+ 10	SW	1	bc,m	1	bc,c	54	39	6.2	*	-		
	Leith ...	30.19	45	WSW	3	bc	30.16	-.08	46	44	+ 6	WSW	3	bc	2	bc	49	38	*	*	-		
	North Shields ...	30.21	45	WSW	2	c	30.16	-.12	44	43	+ 7	SW	2	c	2	b,c	51	36	*	*	-		
	Spurn Head ...	30.27	41	S	3	b	30.23	-.05	38	37	- 1	SSW	2	bw	2	b	47	34	*	*	-		
	Yarmouth ...	30.26	41	NNE	3	c	30.26	+ .04	39	37	0	SE	2	c	3	c	42	36	*	*	-		
	Loughborough ...	30.28	41	SSW	1	c	30.25	-.07	31	31	- 5	SE	1	f	*	cm,b,of	46	28	*	*	-		
	Oxford ...	30.32	40	NE	2	c	30.27	-.05	34	33	- 1	E	1	o	*	c,b,m	45	34	*	*	-		
	London (Brixton)	30.29	42	N	1	o	30.26	0.0	36	35	- 2	E	2	o	*	c,o,b	44	31	0.3	*	-		
GERMANY, &c.	The Scaw (Skagen)	30.12	36	W	4	c	30.03	-.20	38	37	+ 4	W	6	m	2	c	39	34	*	*	-		
	Fanö ...	30.32	36	2	0	o	30.27	+ .01	36	35	+ 2	SW	2	b	*	o	41	34	*	*	-		
	Cuxhaven ...	30.30	36	2	0	o	30.32	+ .07	34	33	- 1	S	1	o	*	o	36	32	*	*	-		
	The Helder ...	30.28	37	ENE	1	b	30.28	+ .08	36	34	0	ENE	1	o	1	b	37	36	*	*	-		
	Brussels ...	*	*	*	*	*	30.25	+ .08	35	34	- 2	NNE	5	o	*	o	40	34	*	*	-		
	Berlin ...	30.28	35	NW	3	o	30.33	+ .23	33	32	- 2	NNE	2	b	*	o	39	32	*	*	-		
	Frankfurt ...	30.25	38	NE	2	o	30.21	+ .15	35	33	- 2	NE	2	o	*	o	41	34	*	*	-		
	Munich ...	30.12	32	SE	4	b	30.08	+ .13	31	30	+ 3	SE	5	o	*	b	39	28	*	*	-		
FRANCE	C. Gris Nez ...	30.24	39	E	3	c	30.25	+ .09	34	33	- 6	E	1	o	1	c	45	34	*	*	-		
	Brest ...	30.26	45	NE	3	c	30.23	+ .03	38	36	- 3	NE	1	o	1	c	48	36	*	*	-		
	Lorient ...	30.19	45	NE	5	bc	30.19	+ .05	37	36	- 5	NE	5	o	4	bc	48	36	*	*	-		
	Rochefort ...	30.08	45	NE	5	b	30.08	+ .11	37	36	- 2	NE	4	o	*	b	52	34	*	*	-		
	Biarritz ...	30.00	49	NNE	2	c	30.02	+ .10	37	35	- 3	E	2	b	4	c,bl	50	36	*	*	-		
	Paris ...	30.18	41	NNE	2	o	30.17	+ .08	36	34	- 3	NNE	3	o	*	o	48	35	*	*	-		
	Belfort ...	30.06	36	NE	5	m	30.01	+ .09	34	31	0	E	6	m	*	m	41	32	*	*	-		
	Lyons ...	30.05	42	N	2	o	30.01	+ .12	35	32	+ 2	N	1	b	*	o	47	32	*	*	-		
SPAN. PEN.	Nice ...	29.95	43	SW	2	c	29.74	-.03	44	37	+ 3	NE	3	c	3	c	54	37	*	*	-		
	Perpignan ...	29.93	45	NW	2	b	29.88	+ .06	42	38	+ 2	NE	2	b	*	b	58	35	*	*	-		
	Corunna ...																						
	Lisbon ...	29.83	50	NNE	5	b	29.88	+ .13	46	39	- 1	NNE	5	o	*	b	57	45	*	*	-		
	Azores (P. Delgada)	30.38	55	NE	2	o	30.34	-.02	55	50	0	NE	2	o	2	o	61	54	*	*	-		

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

\* Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR *Sunday, 10<sup>th</sup> March, 1901.*

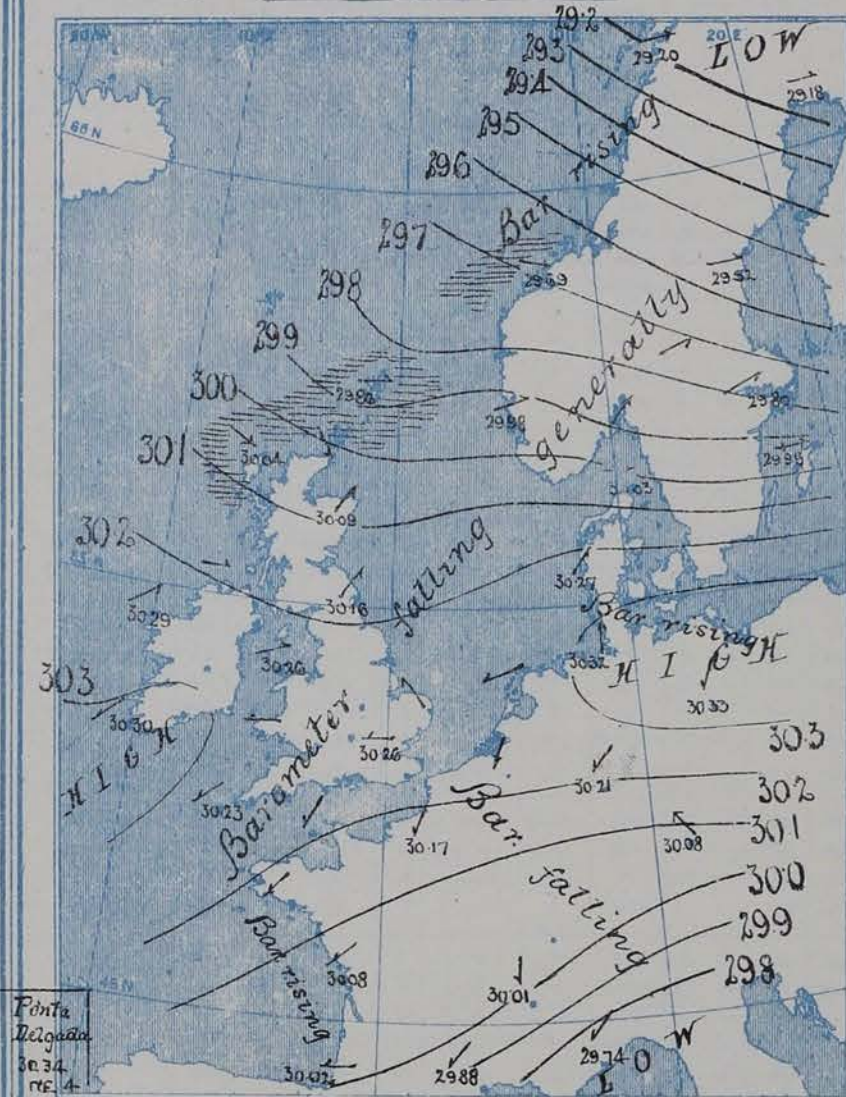
## I. BAROMETER, WIND AND SEA. *This Morning.*

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



## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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—0.8)



## III. BAROMETER AND WIND

*Yesterday morning.*



## IV. Means of DAILY MINIMUM TEMPERATURE for the monthly period March (1871-1900)



## V. Means of DAILY TEMPERATURE at 8 a.m. for the monthly period March (1871-1900)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The anticyclone of yesterday has split into two portions, one of which now lies off the south of Ireland, while the other is found over North Germany; in each area the barometer is slightly above 30.3 in. The depression which was approaching the northwest of Norway has travelled eastwards, the lowest reading 29.2 in. and has been at present reported over the north of Scandinavia. The barometer is falling over the greater part of northwestern Europe, but in our Islands the change is slight.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is light to fresh from the E<sup>W</sup> or NE<sup>W</sup> over the central and southern part of our Islands and also over the Netherlands, France, and Germany, and temperature in those regions is low for the time of year, the readings being below 35° in many places. The lowest reading at present reported is 31° at Balth and Bughborough and also at Munich. Over the northern part of the United Kingdom the wind is light from the W<sup>W</sup>, and in Scandinavia it is strong from the same quarter, the weather at our northern stations being much milder than in the south. In Scotland the thermometer is above 45°, and at Aberdeen the reading is as high as 49°. Over the southern part of Scandinavia the thermometer ranges between 35° and 41°, but in the north it is below the freezing point, with snow at Røst. The weather is fine on the east coast of Great Britain and also in the south of France and over the Gulf of Bothnia. In other parts of our area the sky is cloudy or overcast, with fog at several of our western stations, rain at Seaburgh Head, and passing showers at Malin Head. The sea is slight or smooth generally, but rather rough off the north of Scotland and also at Christiansund.

During yesterday the thermometer rose to 50° and upwards at several places in the north and east of Scotland and the northeast of England, and to 54° at Havn and Aberdeen; on our east and southeast coasts it did not reach 45°. The amount of Bright Sunshine varied considerably in different places, but was mostly small; at Aberdeen, however, there was as much as 6 hours. Slight rain fell on our extreme western and northern coasts, and a thunderstorm occurred at Haritz.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS \*

For the 24 hours ending at NOON on 11<sup>TH</sup> MARCH 1901

### DISTRICTS.

### FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

NONE ISSUED

### DISTRICTS.

### FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

### WARNINGS

NONE ISSUED

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	b	45	36	2.8	—
Newton Reigny (Penrith)	30.26	42	2 0	0	30.22	— .10	41	40	+ 8	2 0	0	*	c.b.0	49	32	5.5	—
Bath	30.29	40	NNE 1	bc	30.24	— .07	31	31	— 7	NE 1	0	*	bc	47	29	3.5	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	44	35	0, 0	—	—	Llandudno	*	*	*	5.4	*
Hastings	*	*	*	2.3	*	Rhyl	*	*	*	*	*
Eastbourne	*	*	*	*	*	Southport	*	*	*	6.0	*
Brighton	*	*	*	*	*	Manchester, 9 p.m.	47	35	om, bc 0	?	—
Worthing	*	*	*	3.0	*	Darwen, 9 p.m.	44	32	o, bc, v on	?	—

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 9 <sup>th</sup>	—	—	—	Ins.	Algiers ... MAR. 9 <sup>th</sup>	61	41	r, 0	Ins.
Madrid	49	35	0, 0	—	Tunis	72	41	bc, bc	—
Corsica (I. Sanguinaires)	52	41	f, m	0.47	Vienna	43	30	b, 0	0.07
Rome	55	45	r, 0	0.43	St. Petersburg	23	1	b, f	—
Florence	45	41	0, r	0.79	Lugano ... MAR. 8 <sup>th</sup>	48	—	b	Measured 7 a.m. 8 <sup>th</sup>
Trieste	50	43	b, 0	0.16	Davos	34	—	b	0.08
Brindisi	64	48	0, bc	—	Lucerne	45	—	b	—
Naples	59	48	0, c	0.08	Lausanne	41	—	b	—
Palermo	77	50	b, b	1.65					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
\* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

	MARCH 10 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.22	12.4	5.45	
Greenwich	6.29	12.11	5.53	
Wick	6.47	12.23	5.59	
Valencia	7.11	12.52	6.34	

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 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

Monday, 11<sup>th</sup> March,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)											PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.			
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.					
																				Ins.	Ins.	°
SCANDINAVIA.	Haparanda ...	29.36	24	W	4	b	29.35	+17	23	22	-2	2	0	*	b	34	23	*	-			
	Hernösand ...	29.73	34	W	0	b	29.46	-06	34	31	-5	S	2	0	*	b	43	32	*	-		
	Stockholm ...	29.91	39	WSW	2	0	29.73	-07	37	36	0	SW	4	0	*	0	41	32	*	-		
	Wisby ...	29.98	38	W	0	0	29.88	-11	35	34	0	WSW	6	0	*	0	39	28	*	-		
	Karlstad ...	29.88	36	SW	2	0	29.76	-07	36	35	-2	SW	2	0	*	0	*	*	*	-		
	Færder (X'ania Fjord) ...	29.88	36	SW	2	0	29.73	-11	37	34	0	WSW	4	0	3	0	39	34	*	-		
	Bodö ...	29.46	31	WSW	6	S	29.05	-15	29	26	-1	ENE	4	0	1	S	32	27	*	-		
	Christiansund ...	29.65	36	W	4	r	29.32	-37	46	41	+6	W	9	0	6	r	46	37	*	0.20		
	Skudesnaes ...	30.01	42	W	0	f	29.80	-18	41	40	0	SW	2	0	f	f	43	37	*	*		
	Sumburgh Head ...	29.81	45	W	5	0	29.79	-07	43	41	-2	WSW	3	0	4	0	48	43	*	0.03		
BRITISH ISLANDS.	Stornoway ...	29.94	48	WSW	5	0	29.84	-20	44	43	-2	W	2	0	2	0	49	41	0.0	0.08		
	Malin Head ...	30.10	45	WSW	4	og r	29.94	-26	45	45	0	W	2	ogm	3	og r m	47	44	*	-		
	Blacksod Pt. ...	30.17	47	WSW	3	op	30.00	-29	48	48	+2	SW	3	opm	3	c. op	49	44	*	0.01		
	Valencia ...	30.20	47	W	1	c	30.07	-23	46	45	+8	W	0	og	3	c	51	37	1.2	0.01		
	Roche's Point ...	30.19	49	SW	2	bc	30.05	-27	46	44	+5	W	3	0	3	b. bc	51	41	*	-		
	Parsonstown ...	30.15	49	HW	1	0	30.03	-26	43	42	+3	HW	1	0	*	0	52	39	0.7	0.01		
	Donaghadee ...	30.14	47	WSW	2	0	29.98	-27	44	43	+2	SW	1	og	2	0	49	40	*	-		
	Liverpool Obsy. ...	30.13	42	W	1	0	29.97	-28	42	41	+1	SW	2	0	1	f. c. 0	46	41	*	0.02		
	Holyhead ...	30.15	45	HW	1	c	29.99	-27	43	42	-2	W	2	om	1	c	49	42	*	-		
	Pembroke (St. Ann's) ...	30.15	45	HW	2	c	29.97	-27	44	43	+3	W	3	c q	2	0. c	46	40	0.5	-		
GERMANY, &c.	Scilly (St. Mary's) ...	30.13	47	ENE	2	c	29.95	-28	47	45	+5	ENE	4	opm	2	c	49	39	6.9	0.03		
	Jersey (St. Aubins) ...	30.09	42	NE	3	ogm	29.94	-28	40	36	-2	ENE	3	cm	3	0. ogm	43	38	0.0	-		
	Portland Bill ...	30.10	40	W	0	bc	29.94	-32	37	37	+2	W	1	cm	1	0. bc	46	34	*	-		
	Dungeness ...	30.08	39	E	4	0	29.83	-41	39	36	0	ENE	5	0	2	0	41	36	*	-		
	Wick ...	29.91	53	HW	3	bc	29.82	-19	43	42	-5	HW	3	0	1	bc	56	42	*	0.02		
	Nairn ...	29.98	48	SW	2	bc	29.82	-25	47	45	-1	WSW	2	0	1	bc	57	43	*	-		
	Aberdeen ...	29.98	45	ENE	1	b	29.84	-25	46	43	-3	SW	1	bc m	1	b	61	35	8.1	-		
	Leith ...	30.05	49	WSW	3	b	29.90	-26	47	44	+1	WSW	3	bc	4	b	53	43	*	-		
	North Shields ...	30.05	53	WSW	2	c	29.90	-26	40	40	-4	WSW	3	cm	2	c	56	38	*	-		
	Spurn Head ...	30.08	43	SSW	3	c	29.91	-32	37	36	-1	W	1	0	3	c	44	34	*	-		
FRANCE.	Yarmouth ...	30.12	38	E	3	bc	29.89	-37	35	34	-4	ENE	4	0	4	bc	40	33	*	-		
	Loughborough ...	30.11	44	W	1	bc	29.92	-33	36	36	+5	ESE	1	of	*	c. bc of	50	31	*	-		
	Oxford ...	30.11	37	ENE	1	b	29.93	-34	35	35	+1	NE	1	f	*	0. b	46	33	*	-		
	London (Brixton) ...	30.11	38	E	1	b	29.92	-34	32	31	-4	W	1	om	*	c bc b	45	31	0.8	-		
	The Scaw (Skagen) ...	29.98	39	W	5	f	29.87	-16	38	38	0	WSW	3	f	0	f	43	36	*	-		
	Fanö ...	30.17	35	SSW	2	c	29.97	-30	34	33	-2	S	1	g	*	c	39	34	*	-		
	Cuxhaven ...	30.20	32	S	2	0	29.88	-44	31	31	-5	ENE	3	0	*	0	36	28	*	-		
	The Helder ...	30.13	34	ESE	1	0	29.84	-44	34	33	-2	NE	3	0	2	0	37	34	*	-		
	Brussels ...	*	*	*	*	*	29.77	-48	33	32	-2	ENE	4	0	*	0	38	33	*	-		
	Berlin ...	30.20	39	NE	2	0	29.81	-52	34	33	+1	E	4	0	*	0	41	32	*	-		
SPAN. PEN.	Frankfurt ...	29.93	38	NE	4	0	29.61	-60	36	35	+1	W	4	0	*	0	43	34	*	0.12		
	Munich ...	29.78	35	SE	5	b	29.58	-50	36	35	+5	SW	3	0	*	b	39	30	*	0.04		
	C. Gris Nez ...	30.08	36	E	4	0	29.86	-39	37	36	+3	ENE	4	0	4	0	39	34	*	-		
	Brest ...	?	45	NE	2	0	29.93	-30	40	38	+2	ENE	1	0	1	0	46	37	*	-		
	Lorient ...	30.05	42	NE	5	0	29.95	-24	41	37	+4	W	3	0	2	0	48	37	*	-		
	Rochefort ...	29.96	41	ENE	4	0	29.87	-21	37	36	0	NE	4	0	*	0	46	34	*	-		
	Biarritz ...	29.96	45	W	4	0	29.92	-10	41	38	+4	W	0	0	2	0	48	37	*	-		
	Paris ...	29.97	39	ENE	4	0	29.80	-37	33	32	-3	WSW	2	0	*	0	44	33	*	-		
	Belfort ...	29.75	36	ENE	6	m	29.64	-37	33	33	-1	SW	1	f	*	m	41	32	*	0.08		
	Lyons ...	29.77	40	WSW	4	0	29.80	-31	35	32	0	W	1	0	*	0	45	34	*	0.04		
Nice ...	29.87	46	NE	8	0	29.56	-18	44	42	0	NE	2	0	4	0	54	41	*	0.24			
Perpignan ...	29.73	46	HW	5	bc	29.83	-05	41	35	-1	W	3	0	*	bc	56	39	*	-			
SPAN. PEN.	Corunna ...	29.97	49	WSW	5	b	30.03	+15	49	44	+3	WSW	1	0	*	0	55	45	*	-		
	Lisbon ...	30.35	56	NE	2	0	30.63	+34	57	52	+2	SW	3	0	3	0	61	55	*	-		

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

†Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

1081 FOR Monday, 11<sup>th</sup> March, 1901.

## I. BAROMETER, WIND AND SEA. This Morning.

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

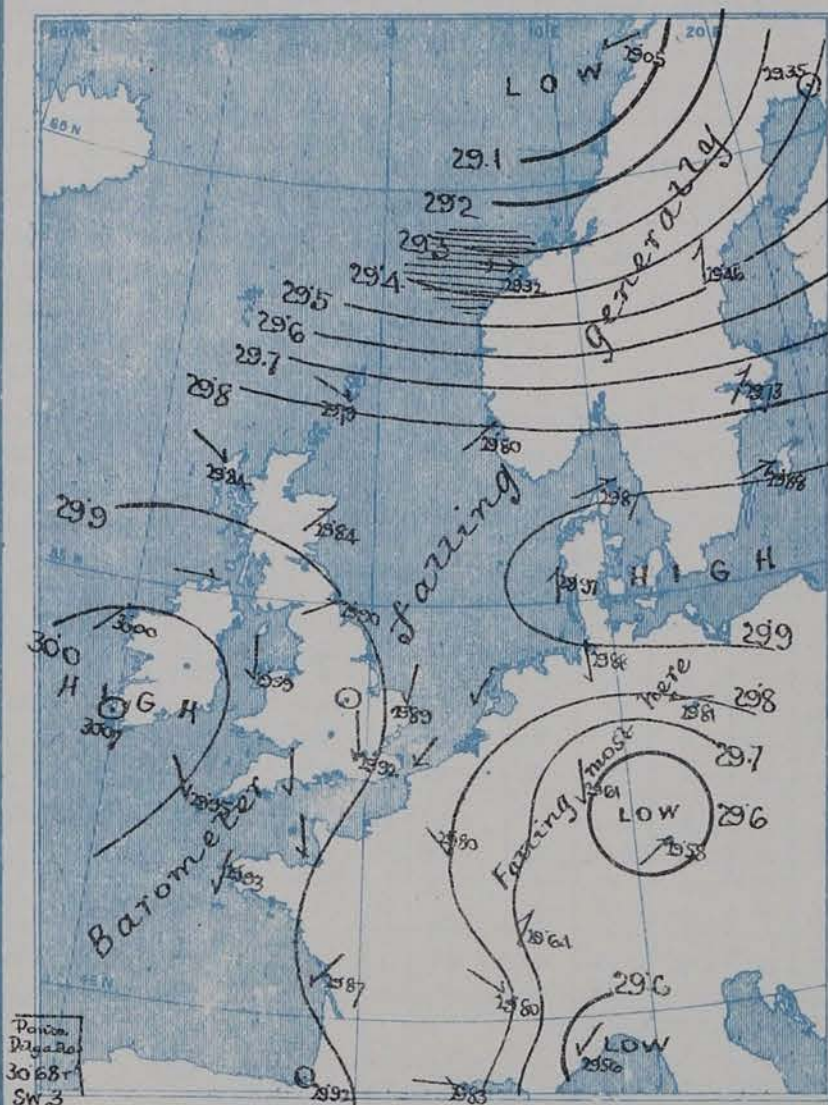
Calm

Force 8 to 10

Force 1 to 4

SEA.—Rough

High

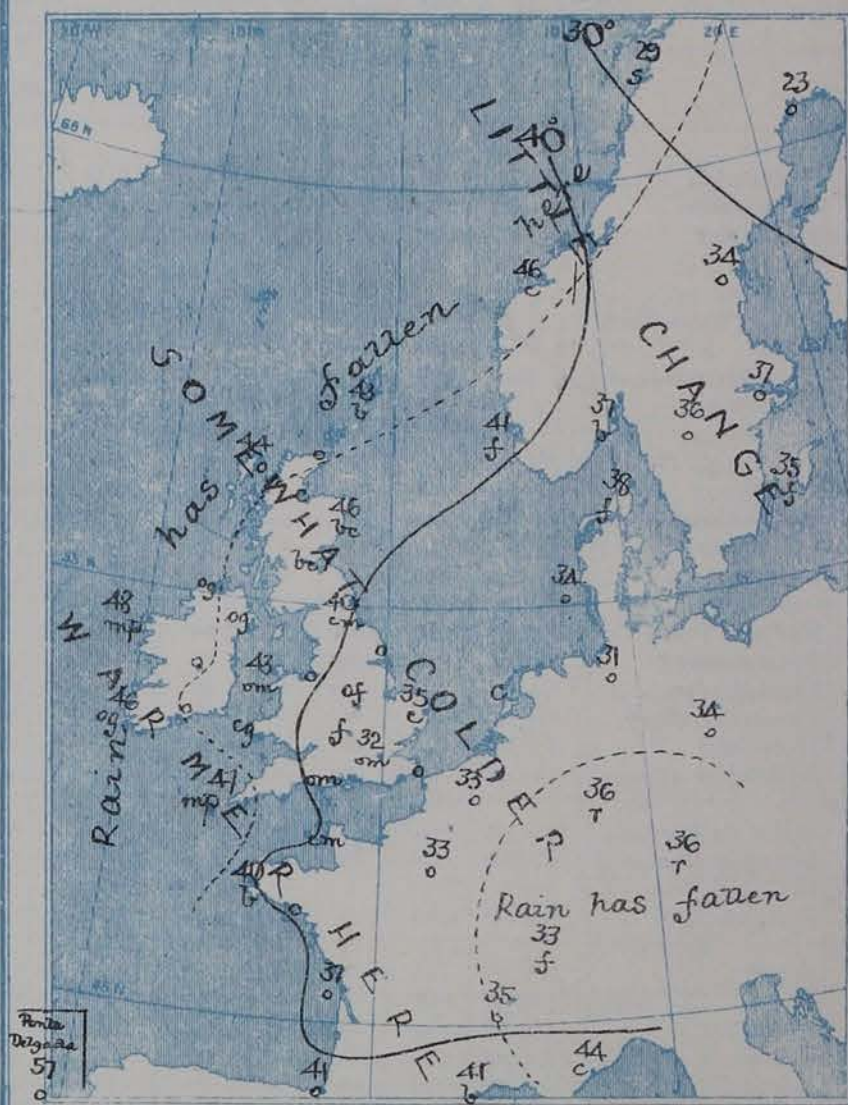


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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—0.8



## III. BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM TEMPERATURE for the monthly period March (1871-1900)



## V. Means of DAILY TEMPERATURE at 8 a.m. for the monthly period March (1871-1900)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The distribution of pressure is becoming rather complex. Readings are at present highest, 30.0 ins. and upwards, over Ireland, but somewhat high, 29.9 ins. and upwards, over Denmark and the southern part of the Baltic. A new depression with readings below 29.1 ins., has however, appeared off the northwest of Norway, while another disturbance, with readings below 29.6 ins., has been formed over South Germany, and a general fall of the barometer is in progress, the change being greatest in Germany.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is light to moderate from the N<sup>W</sup> over all the more southern part of the United Kingdom, and also over the Netherlands, Western Germany, and the greater part of France, over North Germany it is E or NE, while at Munich and Berlin it is SW. Over all these regions the thermometer is low for the time of year, the readings being below 35° in many places and as low as 32° in London. In the northern part of our Islands the wind is W<sup>W</sup> (SW to NW), and temperature is considerably ~~unusually~~ above the average, especially in the east of Scotland, where the readings are above 45°. Over Scandinavia the wind is chiefly W or SW, with a gale at Christiansund, but at Bodø there is a moderate E breeze with snow. The weather is fair in the east of Scotland, but dull in nearly all other parts of Northern Europe, with fog in the inland part of England, and with rain at Frankfurt and Munich. The sea is slight or smooth generally, but rough at Christiansund.

During yesterday, the thermometer rose to 50° and upwards in the south of Ireland, to 55° and upwards in the east of Scotland and the northeast of England, and to 61° at Aberdeen. On our east and southeast coasts it did not reach 45° and at Yarmouth it only rose to 40°. The amount of Bright Sunshine varied greatly in different places, but was mostly small; at Scilly, however, there was nearly 7 hours and at Aberdeen more than 8 hours. Slight rain fell on our extreme western and northern coasts, and somewhat larger quantities in South Germany and the east of France.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The high pressure systems over Ireland and Denmark are both giving way. With the present complex distribution the future movements of the depressions are very uncertain. It seems probable, however, that the disturbance over Germany will spread westwards, and occasion unsettled weather over England, with some snow or sleet.

## FORECASTS \*

For the 24 hours ending at NOON on 12<sup>th</sup> MARCH 1901

### DISTRICTS.

### FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

NW<sup>W</sup> winds, light; fair generally.

W<sup>W</sup> to N<sup>W</sup> winds, light; fair at first, snow showers later.

Same as N° 5.

Variable breezes, finally N<sup>W</sup>; fair at first, snow showers later.

N<sup>W</sup> winds, freshening; fair at first, some snow later.

### DISTRICTS.

### FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

W<sup>W</sup> and NW<sup>W</sup> winds, light; dull at first then fair.

N<sup>W</sup> winds, freshening; cloudy, local showers.

SW<sup>W</sup> to W<sup>W</sup> winds, light; cloudy, local showers.

N<sup>W</sup> winds, light; fair generally.

### WARNINGS

NONE ISSUED

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	40	33	0.0	-
Newton Reigny (Penrith)	30.08	47	2.0	0	29.98	- .7	40	40	- 1	W.N.W. 1	0	*	c.m.b. 0	51	39	2.5	-
Bath	30.10	34	E.N.E. 1	m	29.92	- .32	40	39	+ 9	W.N.W. 1	f	*	m	45	31	0.2	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m. ... ..	42	32	o.f.	0.0	-	Llandudno ... ..	*	*	*	3.9	*
Hastings ... ..	*	*	*	0.6	*	Rhyl ... ..	*	*	*	2.5	*
Eastbourne ... ..	*	*	*	0.2	*	Southport ... ..	*	*	*	1.7	*
Brighton ... ..	*	*	*	4.2	*	Manchester, 9 p.m. ...	*	*	*	*	*
Worthing ... ..	*	*	*	4.4	*	Darwen, 9 p.m. ...	47	36	C.O.V. 5.0	0.4	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 10 <sup>th</sup>				Ins.	Algiers ... MAR. 10 <sup>th</sup>				Ins.
Madrid ... ..					Tunis ... ..			Information	
Corsica (I. Sanguinaires) ...					Vienna ... ..				
Rome ... ..			Information		St. Petersburg ... ..			not arrived.	
Florence ... ..									
Trieste ... ..			not		Lugano ... MAR. 9 <sup>th</sup>	52	—	0	Measured 7 a.m. 9 <sup>th</sup>
Brindisi ... ..					Davos ... ..	36	—	bc	—
Naples ... ..			arrived.		Lucerne ... ..	37	—	b	—
Palermo ... ..					Lausanne ... ..	37	—	bc	—

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	MARCH 11 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland ... ..	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth ... ..	6.20	12.3	5.47
Germany, Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	6.26	12.10	5.55
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	6.44	12.22	6.1
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	7.8	12.51	6.35
Portugal ... ..	8 a.m. (Lisbon) ... ..	8.36 a.m.						

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

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on *Tuesday 12<sup>th</sup> March, 1901.*

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Ins.	Dry Bulb.	Direc.		Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.			Force (0 to 12.)	Weather.			Max.	Min.
SCANDINAVIA.	Haparanda	29.26	35	SW	6	o	29.82	-.03	23	22	0	W	4	bc	o	36	18	-	-			
	Hernösand	29.52	36	W	8	b	29.71	+.25	30	29	-4	Z	0	b	b	48	23	-	-			
	Stockholm	29.67	39	SW	2	o	29.88	+.15	29	28	-8	Z	0	b	o	43	32	-	-			
	Wisby	29.74	33	WSW	4	f	29.80	-.08	34	31	-1	E	4	b	f	38	28	-	-			
	Karlstad	29.72	34	Z	0	f	29.94	+.18	26	24	-10	N	2	b	f	37	32	-	-			
	Färder (Köniania Fjord)	29.69	38	N	2	b	29.93	+.20	33	30	-4	N	2	b	1	37	32	-	-			
	Bodö	29.29	28	W	7	s	29.41	+.36	32	31	+3	WSW	6	o	4	32	25	-	-			
	Christiansund	29.81	35	WNW	4	bc	29.84	+.52	36	35	-10	NW	7	s	6	46	34	0.08	-			
	Skudesnaes	29.82	37	NNW	4	b	29.91	+.11	34	31	-7	N	4	b	2	43	32	-	-			
	Sumburgh Head	29.81	41	SE	1	o	29.82	+.03	43	42	0	SW	1	o	4	c.o	46	37	0.03	-		
BRITISH ISLANDS.	Stornoway	29.85	45	NNE	1	o	29.80	-.04	45	44	+1	SW	4	o	4	o	50	34	2.7	0.02		
	Malin Head	29.87	47	W	3	of	29.88	-.06	45	44	0	SSW	2	bc	2	o, of	47	44	0.04	-		
	Blacksod Pt.	29.94	49	SW	4	o	29.89	-.11	48	48	0	SSW	4	rm	4	omg, o	50	45	0.02	-		
	Valencia	30.01	50	WSW	1	og	29.99	-.08	49	47	+3	SW	3	om	3	o, og	51	45	0.4	0.01		
	Roche's Point	30.02	50	NW	3	o	30.04	-.01	47	46	+1	NW	1	om	2	c, o	52	45	-	-		
	Parsonstown	29.96	49	W	1	o	30.00	-.03	46	46	+3	S	1	o		o	51	42	0.1	0.02		
	Donaghadee	29.90	50	SW	1	o	29.97	-.01	45	45	+1	SW	2	c	3	o	54	42	0.01	-		
	Liverpool Obsy.	29.91	42	W	3	o	30.00	+.03	44	44	+2	W	2	r	2	o	45	41	0.03	-		
	Holyhead	29.94	46	WNW	1	c	30.01	+.02	46	45	+3	W	1	op	0	o	47	42	0.02	-		
	Pembroke (St. Ann's)	29.95	45	NNW	4	c	30.01	+.04	47	46	+3	NW	2	egm	2	c	47	43	0.0	-		
GERMANY, &c.	Scilly (St. Mary's)	29.97	46	NNW	4	o	30.02	+.07	48	46	+1	NW	2	c	2	o	48	44	0.0	-		
	Jersey (St. Aubins)	29.90	47	NW	3	of	30.03	+.09	46	44	+6	WNW	3	om	3	c, of	48	39	5.3	-		
	Portland Bill	29.90	45	NW	2	bc	30.01	+.07	42	41	+5	N	1	cm	1	om, bc	46	37	-	-		
	Dungeness	29.82	44	NNW	2	c	29.97	+.14	43	42	+4	NNW	2	o	2	bc, c	44	37	-	-		
	Wick	29.87	42	NW	2	bc	29.87	+.05	41	40	-2	NW	1	b	1	bc	49	37	-	-		
	Nairn	29.85	45	Z	0	c	29.87	+.05	37	36	-10	Z	0	bc	1	c	50	32	0.02	-		
	Aberdeen	29.88	42	NE	2	bc	29.92	+.08	42	40	-4	SSW	1	bc	1	bc	51	39	4.0	-		
	Leith	29.86	49	W	2	o	29.93	+.03	43	43	-4	NNW	1	m		o	54	41	0.01	-		
	North Shields	29.85	48	N	2	o	29.94	+.04	44	44	+4	W	1	cur	2	bc, o, p	54	38	-	-		
	Spurn Head	29.84	44	N	3	bc	29.94	+.03	41	41	+4	N	1	f	2	bc	46	36	-	-		
FRANCE.	Yarmouth	29.81	41	NNW	4	of	29.92	+.03	41	40	+6	NNW	3	cv	4	c, of	42	33	-	-		
	Loughborough	29.87	46	WNW	1	o	29.98	+.06	42	41	+6	WNW	1	cmf		o, eg, b, p	49	32	0.02	-		
	Oxford	29.92	45	W	3	o	30.01	+.08	40	40	+5	NNW	2	f		o	48	35	-	-		
	London (Brixton)	29.86	45	N	2	o	29.99	+.07	40	40	+8	WNW	1	ogm		o, og	46	32	0.1	-		
	The Scaw (Skagen)	29.69	35	NW	2	f	29.86	-.01	34	33	-4	E	3	b	0	f	41	34	-	-		
	Fanø	29.74	39	NW	4	o	29.80	-.17	36	35	+2	Z	0	m		o	43	34	-	-		
	Cuxhaven	29.68	34	NNE	4	o	29.74	-.14	36	36	+5	NNE	1	f		sp, o	36	31	-	-		
	The Helder	29.75	39	Z	2	o	29.84	.00	40	38	+6	NNE	4	bc	2	o	40	34	-	-		
	Brussels																			-	-	
	Berlin	29.57	42	Z	0	r	29.71	-.10	38	36	+4	SW	2	o		r	45	34	0.04	-		
SPAN. PEN.	Frankfurt	29.69	36	SW	3	o	29.76	+.15	34	33	-2	SW	3	o		o	37	34	0.20	-		
	Munich	29.74	37	W	6	r	29.85	+.27	34	33	-2	SW	2	o		r	43	32	-	-		
	C. Gris Nez	29.82	38	NE	2	o	29.94	+.08	41	41	+4	NNE	3	o	3	o	41	37	-	-		
	Brest	29.91	46	NNE	1	o	30.03	+.10	47	44	+7	NNW	2	o	2	o	48	39	-	-		
	Lorient	29.94	38	N	4	m	30.06	+.11	45	43	+4	NNW	2	o	2	m	54	41	-	-		
	Rochefort	29.91	40	N	3	o	30.04	+.17	44	41	+7	NNW	2	o		o	44	36	-	-		
	Biarritz	30.02	45	NW	3	r	30.08	+.16	41	40	0	E	3	o	2	r	45	37	0.12	-		
	Paris	29.83	35	NNW	2	o	29.93	+.13	39	38	+6	WNW	2	o		o	39	33	0.08	-		
	Belfort	29.75	33	SW	3	f	29.85	+.21	30	30	-3	WSW	3	s		f	38	30	0.08	-		
	Lyons	29.91	38	Z	1	o	30.03	+.23	34	34	-1	NW	1	s		o	43	33	-	-		
Nice	29.74	46	W	4	b	29.86	+.30	46	36	+2	Z	0	b	1	b	59	34	-	-			
Perpignan	29.92	46	W	6	c	30.00	+.17	42	38	+1	W	2	o		c	53	39	-	-			
SPAN. PEN.	Corunna																			-	-	
	Lisbon	30.12	48	NNW	4	b	30.18	+.15	46	43	-3	Z	0	b		b	55	43	-	-		
Azores (P. Delgada)	30.15	59	SSW	5	c	29.90	-.38	61	57	+4	SSW	6	o	6	c	63	57	-	-			

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

\* Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR

Tuesday, 12<sup>th</sup> March,

1901.

## I. BAROMETER, WIND AND SEA. This Morning.

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

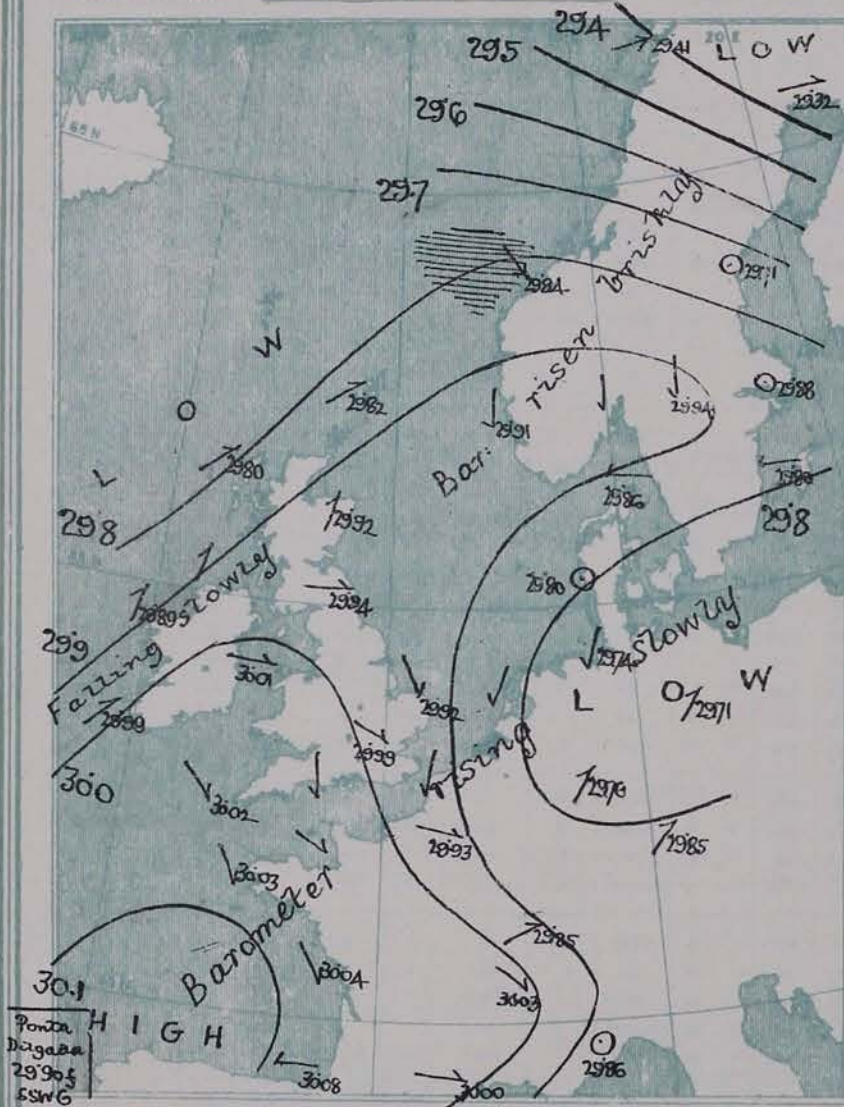
Calm

Force 8 to 10

Force 1 to 4

SEA—Rough

High

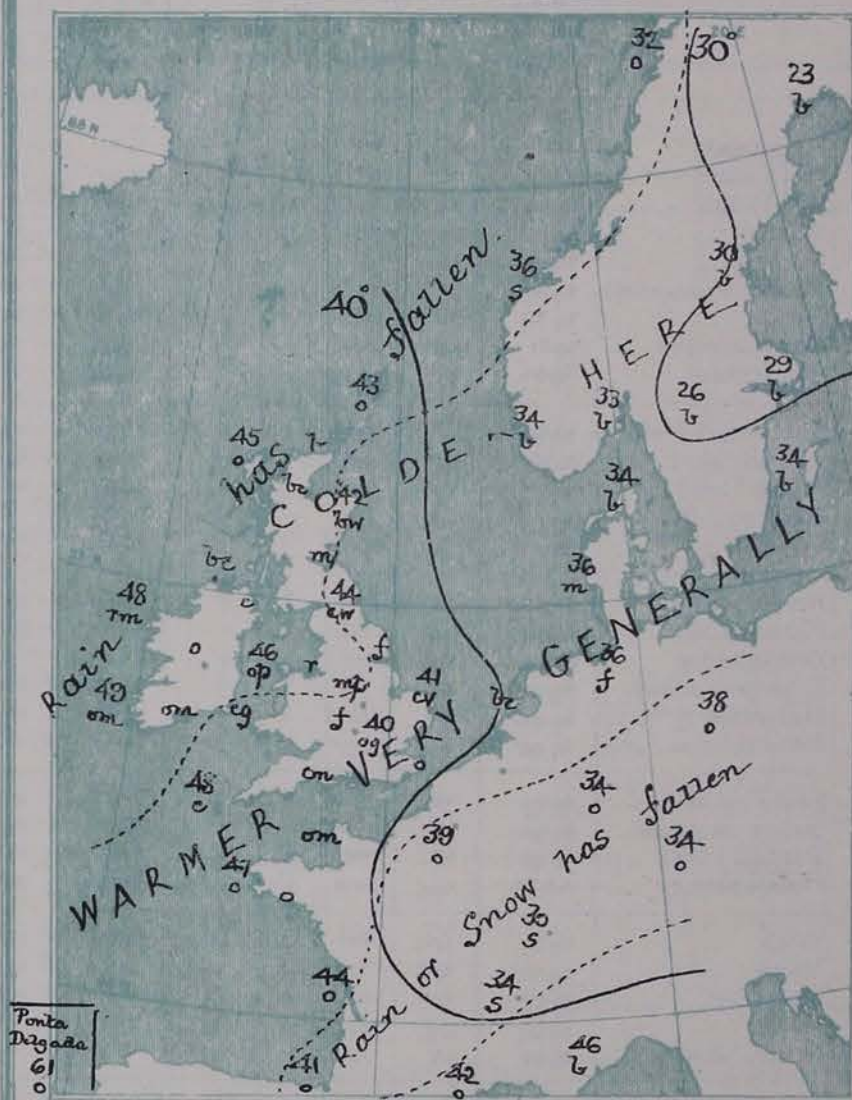


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE—Isotherms are drawn for each 10°.

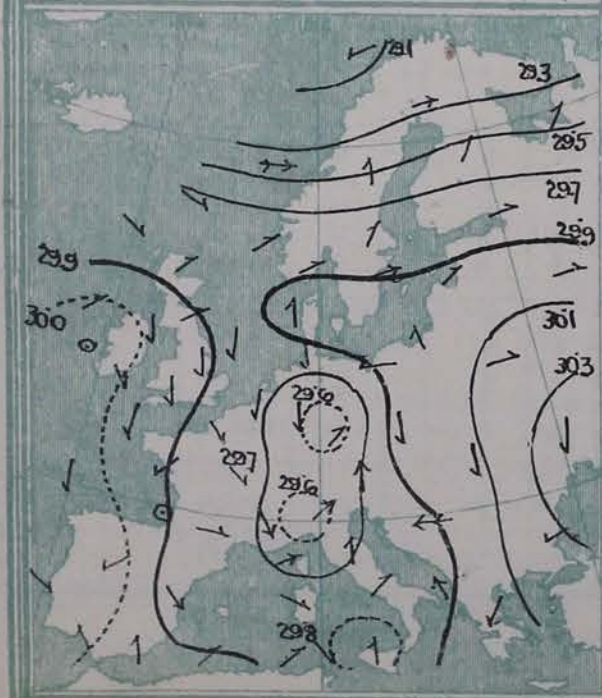
WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

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—0.8



## III. BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM

TEMPERATURE for the monthly period March (1871-1900.)



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the monthly period March (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Since yesterday the barometer has risen fast over Scandinavia and the depression noticed in the NW of Norway yesterday has travelled away to the NE. Over France and England there has been less change, and in Ireland the barometer has begun to fall. Readings now range from 30.0 ins. and more over the Bay of Biscay and the SW of our Islands to 29.8 ins. at Stornoway, 29.4 ins. and less over Lapland, and 29.7 ins. over N. Germany.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The winds in our Islands and France are anticyclonic - SW<sup>ly</sup> to S<sup>ly</sup> at our western stations, NW<sup>ly</sup> to N<sup>ly</sup> over England and the W<sup>m</sup> parts of France. In the N. of Scandinavia they are W<sup>ly</sup> and very strong, while over Germany they are light, though cyclonic. Temperature has risen over France and England, not changed over Ireland, but fallen in Scotland. The present readings range from between 47° and 49° on our extreme southwest coasts to 41° at Aberdeen, and 37° at Nain. In the SW of Germany it is 34°, at Karlstad 26° and at Haparanda 23°. The values over England and Ireland are rather high for the time of year, those in Scotland are about the average. The weather in most places is fair - in the N.E. of Scotland bright, but some of our W<sup>m</sup> stations report rain. Fog is prevalent over England. Bright Sunshine yesterday varied from 5 hours or more at several stations in the English Channel to 4 hrs at Aberdeen, 2 hrs at Southport, 0.1 hr. in London and none at Llandudno.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The SW wind in the W and NW is likely to freshen a little, with some rain, and the wind will probably spread to England soon with warmer, but fair, weather. In Scotland the thermometer will probably rise greatly during today.

## FORECASTS\*

For the 24 hours ending at NOON on 13<sup>TH</sup> MARCH 1901

### DISTRICTS.

### FORECASTS:

0	{ SCOTLAND NORTH	} S <sup>ly</sup> winds, moderate, milder, fine at first, some rain later.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	} Wind backing to SW and S., milder, fine.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS:

6	{ SCOTLAND WEST	} S <sup>ly</sup> and SW <sup>ly</sup> winds, freshening, milder, becoming showery.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	

### WARNINGS

None issued at present.

Note.—The South Cone, point downwards (T), 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 (T), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



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	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	m	*	o. b	43	33	5.5	-
Newton Regny (Penrith)	29.88	48	WNW 1	o	29.94	- .01	47	46	+ 7	Z 0	o	*	om. c. r	51	40	1.5	0.03
Bath	29.89	38	NE 1	b	30.01	+ .09	37	37	- 3	NW 1	f	*	b	48	35	1.0	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	46	40	o. o	0.1	—	Llandudno	*	*	*	0.0	—
Hastings	*	*	*	4.8	*	Rhyl	*	*	*	1.0	—
Eastbourne	*	*	*	5.9	*	Southport	*	*	*	2.1	—
Brighton	*	*	*	5.0	*	Manchester, 9 p.m.	48	42	o. o	0.0	—
Worthing	*	*	*	5.1	*	Darwen, 9 p.m.	46	38	om. ov	0.9	—

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 11 <sup>th</sup>	61	48	r, o	Ins. ?	Algiers ... MAR. 11 <sup>th</sup>	63	48	r, o	0.12
Madrid ...	54	37	b, o	—	Tunis ...	77	48	bc, o	—
Corsica (I. Sanguinaires) ...	52	39	m, f	0.20	Vienna ...	41	36	o, o	—
Rome ...	73	55	o, o	—	St. Petersburg ...	34	21	o, o	0.04
Florence ...	55	32	o, o	0.04	Lugano ... MAR. 10 <sup>th</sup>	Lp. m.	—	Information	Measured 7 a.m. 10 <sup>th</sup>
Trieste ...	61	46	c, o	—	Davos ...	—	—	Information	—
Brindisi ...	63	59	o, o	—	Lucerne ...	—	—	Information	—
Naples ...	70	55	o, o	—	Lausanne ...	—	—	Information	—
Palermo ...	—	—	—	—				Information	—

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain ...	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

MARCH 12, 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	6.18	12.3	5.48
Greenwich ...	6.24	12.10	5.56
Wick ...	6.41	12.22	6.3
Valencia ...	7.5	12.51	6.37

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† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

Wednesday, 13<sup>th</sup> March,

1901.

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

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
	BAROM.	TEMP.	WIND.		Weather.	Sea (0 to 9.)	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
	At 32° M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)			At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)				Max.	Min.			
	Ins.						Ins.	Ins.	°	°											
SCANDINAVIA.	Haparanda ...	29.60	24	Z	0	b	29.65	+ .33	21	21	- 2	SW	2	0	*	b	36	21	*	-	-
	Hernösand ...	29.91	27	Z	0	b	29.87	+ .16	32	30	+ 2	S	2	0	*	b	39	25	*	-	-
	Stockholm ...	30.03	32	Z	0	b	30.13	+ .25	32	28	+ 3	WSW	2	b	*	b	39	27	*	-	-
	Wisby ...	30.05	31	NNE	4	b	30.25	+ .45	32	31	- 2	SW	4	b	*	b	37	27	*	-	-
	Karlstad ...	30.06	32	SW	2	b	30.16	+ .22	32	31	+ 6	SW	2	0	*	b	*	*	*	-	-
	Färder (X'ania Fjord)	30.02	33	SSW	2	b	30.12	+ .19	33	32	0	SW	4	m	2	b	36	32	*	-	-
	Bodö ...	29.69	33	W	6	bc	29.25	- .16	40	40	+ 8	SW	6	r	4	bc	40	30	*	-	-
	Christiansund ...	29.88	40	W	4	bc	29.82	- .02	46	44	+ 10	WSW	8	0	6	bc	46	34	*	-	-
BRITISH ISLANDS.	Skudesnaes ...	30.05	35	HNW	2	b	30.16	+ .25	35	33	+ 1	SE	4	b	2	b	41	32	*	-	-
	Sumburgh Head	29.81	44	SW	3	0	29.95	+ .13	47	45	+ 4	WSW	3	c	4	0	43	40	*	0.02	-
	Stornoway ...	29.78	47	SW	6	r	29.90	+ .10	47	45	+ 2	S	3	c	3	0, r, 0	48	43	0.1	0.03	-
	Malin Head ...	29.90	49	SSW	2	c	29.91	+ .03	45	43	0	SSW	3	bu	3	0.0	51	37	*	-	-
	Blacksod Pt. ...	29.91	49	SSW	5	c	29.89	- .00	46	45	- 2	SSW	3	bc	3	bc	51	45	*	0.01	-
	Valencia ...	29.97	51	S	2	c	29.88	- .11	49	46	0	SSW	6	og	5	om, c	53	47	0.1	0.02	-
	Roche's Point ...	30.04	48	SSW	3	0	30.00	- .04	47	47	0	SSW	4	r, m	3	0.0	52	46	*	-	-
	Parsonstown ...	29.98	50	S	1	0	29.96	- .02	46	45	0	SE	1	0	*	0	55	43	1.0	-	-
GERMANY, &c.	Donaghadee ...	29.98	49	SSW	2	cg	30.04	+ .07	46	45	+ 1	S	3	0	3	cg	53	42	*	-	-
	Liverpool Obsy.	30.05	47	Z	0	c	30.09	+ .09	43	42	- 1	SE	1	m	?	p, c	50	41	*	0.03	-
	Holyhead ...	30.04	46	SW	2	bc	30.07	+ .06	43	42	- 3	ENE	1	bm	0	c, bc	50	38	*	-	-
	Pembroke (St. Ann's)	30.04	47	W	1	c	30.04	+ .03	40	40	- 7	NE	2	f	2	0, f	49	40	0.0	-	-
	Scilly (St. Mary's)...	30.06	49	W	1	om	29.99	- .03	47	45	- 1	SE	3	ew	1	c, om	53	46	1.7	-	-
	Jersey (St. Aubins)...	30.08	49	HW	3	bcm	30.05	+ .02	43	42	- 3	ENE	2	of	2	0, bcm	51	42	1.7	-	-
	Portland Bill ...	30.07	47	HW	1	c	30.07	+ .06	43	43	+ 1	E	4	bcm	2	bc, c	52	41	*	-	-
	Dungeness ...	30.02	44	WSW	1	c	30.05	+ .08	41	40	- 2	ENE	3	0	2	c	48	34	*	-	-
FRANCE.	Wick ...	29.86	45	S	2	bc	30.00	+ .13	46	44	+ 5	S	2	bc	1	bc	50	40	*	0.03	-
	Nairn ...	29.87	49	WSW	1	b	29.97	+ .10	51	47	+ 14	W	1	b	1	b	55	35	*	-	-
	Aberdeen ...	29.93	45	S	2	b	30.05	+ .13	44	42	+ 2	SSW	1	bmw	1	bc, b	52	35	6.6	-	-
	Leith ...	29.96	48	W	1	c	30.07	+ .14	46	44	+ 3	ENE	1	bm	*	c	55	40	*	-	-
	North Shields ...	30.00	48	SE	2	om	30.09	+ .15	39	38	- 5	WSW	1	f	2	p, om	50	37	*	-	-
	Spurn Head ...	30.04	41	S	3	b	30.14	+ .20	40	39	- 1	SE	4	bcw	4	b	47	37	*	-	-
	Yarmouth ...	30.02	42	NNE	2	bc	30.12	+ .20	41	39	0	ENE	4	cg	3	bc	46	36	*	-	-
	Loughborough ...	30.03	50	SSW	1	0	30.12	+ .14	38	37	- 4	SE	1	bmw	*	bc, om	55	39	*	-	-
GERMANY, &c.	Oxford ...	30.07	49	HNW	1	0	30.13	+ .12	31	31	- 9	NE	1	of	*	p, of	55	31	*	0.01	-
	London (Brixton)	30.02	50	W	2	bc	30.11	+ .12	37	36	- 3	E	1	om	*	om, bc, f	52	33	0.0	-	-
	The Scaw (Skagen)	30.08	34	Z	0	b	30.21	+ .35	36	34	+ 2	W	2	0	0	b	37	32	*	-	-
	Fanö ...	30.09	40	ENE	1	0	30.25	+ .45	39	38	+ 3	SE	1	0	*	0	43	36	*	-	-
	Cuxhaven ...	30.02	37	SE	2	0	30.21	+ .17	35	34	- 1	E	1	f	*	0	41	34	*	-	-
	The Helder ...	30.04	39	ENE	1	0	30.13	+ .29	39	38	- 1	ENE	2	0	2	0	43	39	*	-	-
	Brussels ...	*	*	*	*	*	30.06	*	35	34	*	ENE	3	0	*	0	?	?	*	-	-
	Berlin ...	29.99	40	Z	0	0	30.21	+ .50	35	34	- 3	E	2	b	*	0	43	34	*	-	-
FRANCE.	Frankfurt ...	29.96	36	NNE	2	0	30.05	+ .29	37	36	+ 3	E	2	0	*	0	39	34	*	0.08	-
	Munich ...	29.97	33	Z	0	0	30.00	+ .15	32	32	- 2	SE	2	b	*	0	37	38	*	0.04	-
	C. Gris Nez ...	30.04	41	ENE	2	c	30.05	+ .11	40	38	- 1	ENE	3	0	2	c	46	36	*	-	-
	Brest ...	30.13	49	W	2	0	30.06	+ .03	41	41	- 6	E	1	bc	1	0	54	41	*	-	-
	Lorient ...	30.10	50	W	2	0	30.05	- .01	41	40	- 4	E	1	0	1	0	52	41	*	-	-
	Rochefort ...	30.09	45	HW	2	c	30.01	- .03	43	41	- 1	NNE	2	c	*	0, c	46	39	*	-	-
	Biarritz ...	30.13	48	WSW	2	0	30.04	- .04	48	45	+ 7	HNW	1	0	2	0	55	41	*	0.08	-
	Paris ...	30.01	45	HW	2	0	30.00	+ .07	35	35	- 4	HNW	2	0	*	0	46	33	*	0.04	-
SPAN. PEN.	Belfort ...	29.97	32	WSW	3	S	29.93	+ .08	31	31	+ 1	ENE	1	S	*	S	34	30	*	0.32	-
	Lyons ...	30.07	35	HNW	1	0	30.00	- .03	35	34	+ 1	ESE	1	r	*	0	38	34	*	0.12	-
	Nice ...	29.88	44	SW	1	bc	29.91	+ .05	41	38	- 5	E	3	c	3	bc	54	37	*	-	-
	Perpignan ...	30.05	44	HW	3	b	29.98	- .02	46	32	+ 4	W	2	0	*	0	48	47	*	-	-
	Corunna ...	30.11	50	WSW	3	b	30.00	- .18	44	43	- 2	NNE	3	0	*	b	57	43	*	-	-
	Lisbon ...	29.77	51	W	5	bc	29.89	- .01	49	45	- 12	HW	3	bc	4	bc	64	45	*	0.12	-
	Azores (P. Delgada)	29.77	51	W	5	bc	29.89	- .01	49	45	- 12	HW	3	bc	4	bc	64	45	*	0.12	-
	Azores (P. Delgada)	29.77	51	W	5	bc	29.89	- .01	49	45	- 12	HW	3	bc	4	bc	64	45	*	0.12	-

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

† Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR *Wednesday, 13<sup>th</sup> March, 1901.*

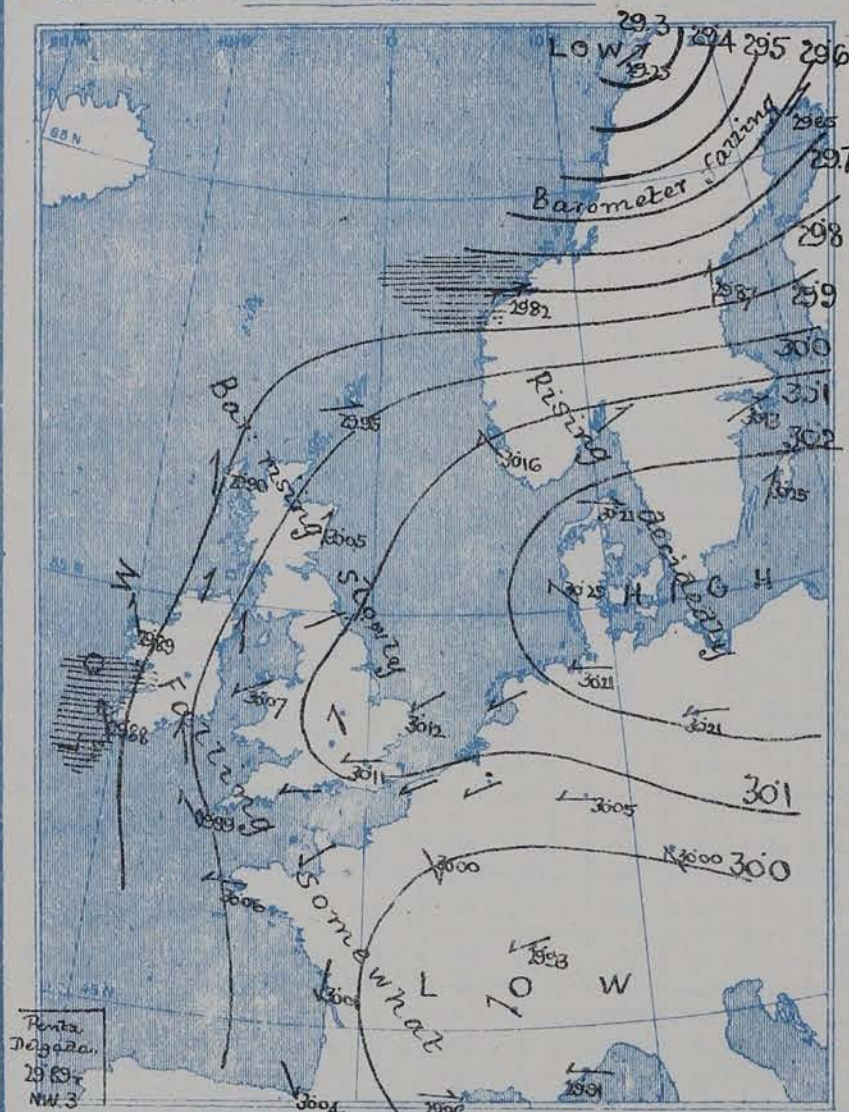
## I. BAROMETER, WIND AND SEA. *This Morning.*

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



## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



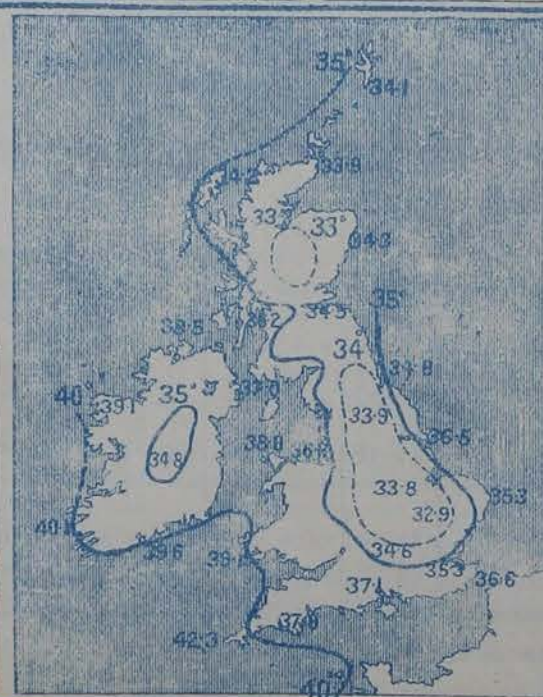
## III. BAROMETER AND WIND

*Yesterday morning.*



## IV. Means of DAILY MINIMUM

TEMPERATURE for the monthly period March (1871-1900)



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the monthly period March (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The changes in pressure during the past day, have been rather complex. Over the Baltic, the North Sea, and north Germany, it has increased and readings there now range from 30.25 in. to 30.1 in. In Ireland and the northwest of Norway it has decreased, and at Bodø the present value is 29.25 in. while over our southwestern districts and the Bay of Biscay also there has been a slight decrease, and at Valencia the reading is 29.88 in.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The prevailing winds currents have become E. at our southern stations, SE (rather strong) in the west of Ireland, SW light, in the northeast of Scotland, and SW, strong to a gale in the northwest of Norway. Temperature has risen in the latter region, fallen over our Islands and France. It now varies from 51° at Naum, 49° at Valencia and 48° at Biarritz to 39° at Shields, 35° at Berlin, and 21° at Haparanda, the readings in the British Islands are a little above the average in the west and north, and about the average over England. On the Norwegian coast they are decidedly high. Weather is rainy at Rock Point, at Bodø, and Lyons, fair and hazy in most other places, clear on our east coast.

During yesterday, temperature rose to between 55° and 50° in many places, but has since fallen much over Great Britain. Bright Sunshine was as much as 6.8 hours at Aberdeen, and about 4 hours at Blandford and Bath, very little elsewhere, at Lambeth and in London none. There was a little rain at some of our northern and western stations, and more in various parts of France.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The northern depression will probably move eastwards or north-eastwards; that over the Bay of Biscay will probably cause cold easterly breezes over the southern parts of our area, and rather disturbed weather in France.

## FORECASTS \*

For the 24 hours ending at NOON on 14<sup>TH</sup> MARCH

1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	Variable light winds; colder again, fair as a whole.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	Wind backing to SE and E. and increasing; weather fair.
3	{ ENGLAND EAST	Same as N° 5.
4	{ MIDLAND COUNTIES	Same as N° 2.
5	{ ENGLAND SOUTH	E <sup>2</sup> winds, increasing considerably, colder, dry.

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as N° 0 and 1.
7	{ ENGLAND N.W.	Same as N° 0.
8	{ ENGLAND S.W.	Same as N° 5.
9	{ IRELAND NORTH	SE <sup>2</sup> winds backing towards E. or NE. strong; colder, rain in eastern districts.
10	{ IRELAND SOUTH	

### WARNINGS

NONE ISSUED AT PRESENT.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	b	50	35	5.1	-
Newton Reigny (Penrith)	30.00	49	25 0	0	30.09	+ 15	35	35	- 12	2.5	b	*	om. c. b	55	34	1.5	-
Bath	30.05	44	HW 1	0	30.08	+ .07	43	42	+ 6	E 1	m	c	c. o	58	32	4.0	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	56	40	o. c. o	1.5	-	Llandudno	*	*	*	4.4	*
Hastings	*	*	*	0.4	*	Rhyl	*	*	*	1.3	*
Eastbourne	*	*	*	0.1	*	Southport	*	*	*	2.3	*
Brighton	*	*	*	0.3	*	Manchester, 9 p.m.	*	*	*	*	*
Worthing	*	*	*	1.6	*	Darwen, 9 p.m.	50	40	om. omw	1.4	0.04

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 12 <sup>TH</sup>	61	48	0, 0	Ins.	Algiers ... MAR. 12 <sup>TH</sup>	63	46	0, 0	Ins.
Madrid	-	-	-	-	Tunis...	68	48	0, m	0.04
Corsica (I. Sanguinaires)	57	41	m, m	-	Vienna	48	41	0, 0	-
Rome	57	46	bc, r	?	St. Petersburg...	37	27	0, 0	-
Florence	54	45	0, 0	0.28	Lugano ... MAR. 11 <sup>TH</sup>	45	-	0	Measured 7 a.m. 11 <sup>TH</sup>
Trieste	61	48	0, c	0.12	Davos	37	-	s	1.10
Brindisi	68	55	0, r	0.12	Lucerne	41	-	o	-
Naples	50	46	b, b	-	Lausanne	39	-	f	-
Palermo	81	45	b, r	?					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

	Hours of Morning Observations by Local Standard Time.	Corres- ponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corres- ponding Greenwich Times.	MARCH 13 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, } Holland ... ..	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth ... ..	6.16	12.3	5.50
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	6.22	12.10	5.58
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	6.38	12.22	6.5
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	7.3	12.51	6.39
Portugal ... ..	8 a.m. (Lisbon) ... ..	8.36 a.m.						

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# DAILY WEATHER REPORT

for 8 a.m. on

Thursday, 14<sup>th</sup> March,

1901.

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

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.			
	BAROM.	TEMP.	WIND.		Weather.	Sea. (0 to 9.)	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea. (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.
	At 82° M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)			At 82° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)				Max.	Min.		
	Ins.						Ins.	Ins.	°	°										
SCANDINAVIA.	Haparanda ...	29.89	23	N	h	b	30.31	+ .66	20	19	- 1	N	2	c	*	b	37	12	*	0.16
	Hernösand ...	30.04	44	Z	0	b	30.37	+ .50	32	28	0	Z	0	f	*	b	46	19	*	-
	Stockholm ...	30.22	33	Z	0	b	30.31	+ .18	32	31	0	Z	0	b	*	b	39	23	*	-
	Wisby ...	30.26	33	SW	h	b	30.27	+ .02	31	31	- 1	W	2	b	*	b	37	27	*	-
	Karlstad ...	30.24	34	Z	0	b	30.35	+ .19	27	26	- 5	NNE	2	b	*	b	*	*	*	-
	Færder (X'iania Fjord)	30.20	35	SSW	2	b	30.32	+ .20	32	32	- 1	NNE	2	f	1	b	36	32	*	-
	Bodö ...	30.02	34	N	h	bc	30.22	+ .97	31	28	- 9	E	4	bc	1	bc	41	28	*	-
	Christiansund ...	30.15	43	SSW	3	r	30.26	+ .44	44	43	- 2	ESE	2	o	4	r	46	41	*	0.16
BRITISH ISLANDS.	Skudesnaes ...	30.27	40	Z	0	o	30.27	+ .11	32	32	- 3	Z	0	f	1	o	44	30	*	*
	Sumburgh Head	30.04	45	S	2	c	30.10	+ .15	40	40	- 7	S	4	o	4	c	52	38	*	-
	Stornoway ...	29.92	50	WSW	h	b	29.97	+ .07	46	43	- 1	SW	3	o	3	c, b	52	40	8.2	-
	Malin Head ...	29.88	49	SSW	h	bc	29.98	+ .07	39	38	- 6	S	3	cm	2	bc	53	38	*	0.10
	Blacksod Pt. ...	29.84	50	SSE	h	c	29.95	+ .06	42	42	- 4	SE	3	bm	3	bc, c	53	40	*	-
	Valencia ...	29.80	49	SE	5	c	29.89	+ .01	45	41	- 4	ESE	3	cm	4	o, c	51	44	0.0	-
	Roche's Point ...	29.91	47	SSE	h	bc	29.92	- .08	45	41	- 2	ESE	5	m	4	m, bc	51	43	*	-
	Parsonstown ...	29.90	48	SE	1	c	29.96	.00	41	39	- 5	SE	1	o	*	c	52	39	2.9	-
GERMANY, &c.	Donaghadee ...	29.99	47	SSE	3	b	30.03	- .01	42	39	- 4	SSE	4	o	3	b	50	40	*	-
	Liverpool Obsy.	30.03	43	ESE	h	bc	30.04	- .06	38	36	- 5	E	3	o	?	f, bc	53	38	*	-
	Holyhead ...	29.98	48	NE	1	om	30.01	- .06	40	37	- 3	SE	1	om	1	om	54	37	5.5	-
	Pembroke (St. Ann's)	29.94	49	ESE	5	c	29.94	- .10	39	37	- 1	NE	4	cm	4	c	57	38	*	-
	Scilly (St. Mary's)...	29.88	46	ESE	h	m	29.81	- .18	44	41	- 3	ESE	5	o	5	c, m	51	40	6.6	-
	Jersey (St. Aubins)...	29.93	44	ESE	3	ogm	29.82	- .23	45	39	+ 2	ESE	3	om	3	o, ogm	47	40	2.8	-
	Portland Bill ...	29.97	41	ESE	3	cm	29.90	- .17	40	39	- 3	NE	3	cm	3	cm	43	38	*	-
	Dungeness ...	29.97	42	E	h	c	29.90	- .15	43	42	+ 2	E	4	c	3	o, c	43	40	*	-
FRANCE.	Wick ...	30.00	48	S	h	bc	30.09	+ .09	40	38	- 6	S	5	o	3	bc	53	40	*	-
	Nairn ...	29.98	49	Z	0	b	30.03	+ .06	39	38	- 12	Z	0	c	1	b	59	36	*	-
	Aberdeen ...	30.07	44	S	1	b	30.12	+ .07	40	38	- 4	SSE	2	og	2	b	55	39	8.3	-
	Leith ...	30.03	45	Z	0	o	30.09	+ .02	38	36	- 8	SE	1	om	*	o	53	33	*	-
	North Shields ...	30.07	41	ESE	3	bm	30.08	- .01	40	38	+ 1	ESE	2	o	2	bm	51	36	*	-
	Spurn Head ...	30.09	40	E	h	c	30.04	- .10	41	41	+ 1	ESE	4	o	4	c	44	38	*	-
	Yarmouth ...	30.06	40	E	h	bc	29.99	- .13	40	38	- 1	ESE	4	cm	4	c, bc	42	38	*	-
	Loughborough ...	30.07	41	ESE	3	o	30.04	- .08	39	37	+ 1	ESE	2	om	*	bc, c, o, c	43	37	*	-
GERMANY, &c.	Oxford ...	30.03	38	NE	2	o	29.99	- .14	38	37	+ 7	NE	4	o	*	o	41	31	*	-
	London (Brixton)	30.03	40	E	2	og	29.96	- .15	38	37	+ 1	NE	4	o	*	og	42	34	0.0	-
	The Scaw (Skagen)	30.26	35	WSW	1	b	30.30	+ .09	35	34	- 1	Z	0	c	0	b	39	34	*	-
	Fanö ...	30.25	40	E	h	o	30.22	- .03	33	32	- 6	E	4	o	*	o	43	32	*	-
	Cuxhaven ...	30.19	37	E	1	b	30.13	- .08	35	35	0	E	1	o	*	f, b	37	32	*	-
	The Helder ...	30.08	43	ESE	1	b	30.02	- .11	35	35	- 4	E	2	f	1	b	43	35	*	-
	Brussels ...	*	*	*	*	*	29.95	- .11	35	35	0	E	2	o	*	b	42	33	*	-
	Berlin ...	30.19	40	E	3	b	30.07	- .14	35	34	0	ESE	4	o	*	b	43	32	*	-
FRANCE.	Frankfurt ...	29.99	45	NE	h	c	29.95	- .10	39	37	+ 2	NE	4	bc	*	c	50	37	*	-
	Munich ...	29.92	40	E	h	bc	29.91	- .09	34	34	+ 2	SW	3	f	*	bc	48	30	*	-
	C. Gris Nez ...	29.99	40	E	3	m	29.91	- .14	34	33	- 6	E	1	m	1	m	43	34	*	-
	Brest ...	29.93	50	E	1	b	29.82	- .24	37	36	- 4	E	2	b	2	b	52	36	*	-
	Lorient ...	29.85	47	NE	3	b	29.79	- .26	40	37	- 1	E	2	o	2	b	59	37	*	-
	Rochefort ...	29.85	46	W	3	o	29.74	- .27	39	37	- 4	E	3	o	*	og	52	36	*	-
	Biarritz ...	29.88	49	NEW	3	c	29.69	- .35	50	43	+ 2	SSE	3	o	1	c	50	43	*	-
	Paris ...	29.92	40	ESE	2	o	29.86	- .14	35	34	0	E	2	c	*	o	44	34	*	0.04
SPAN. PEN.	Belfort ...	29.91	37	ESE	3	o	29.90	- .03	32	31	+ 1	ESE	1	m	*	o	41	30	*	0.20
	Lyons ...	29.91	41	NEW	1	o	29.91	- .09	39	37	+ 4	ESE	1	o	*	o	46	35	*	-
	Nice ...	29.92	42	ESE	6	o	30.01	+ .10	38	38	- 3	E	4	T	4	o	45	37	*	0.28
	Perpignan ...	29.89	48	SE	2	o	29.82	- .16	36	34	- 10	SW	2	b	*	o	54	34	*	-
SPAN. PEN.	Corunna ...	29.67	52	SSW	5	r	29.70	- .30	52	48	+ 8	SW	4	o	*	r	57	44	*	0.51
	Lisbon ...	30.02	52	NEW	3	c	30.01	+ .12	54	51	+ 5	WSW	4	o	4	c	57	49	*	-
SPAN. PEN.	Azores (P. Delgada)	30.02	52	NEW	3	c	30.01	+ .12	54	51	+ 5	WSW	4	o	4	c	57	49	*	-

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

Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR *Thursday, 14<sup>th</sup> March, 1901.*

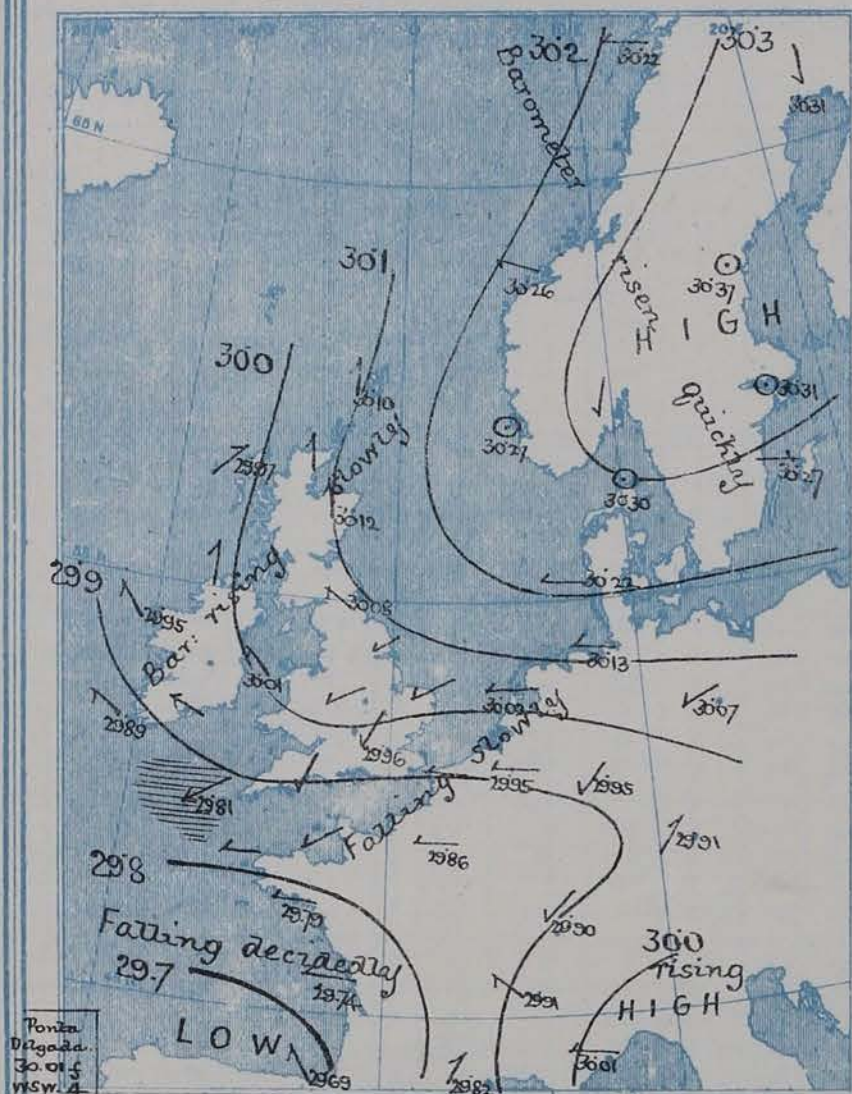
## I. BAROMETER, WIND AND SEA. *This Morning.*

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

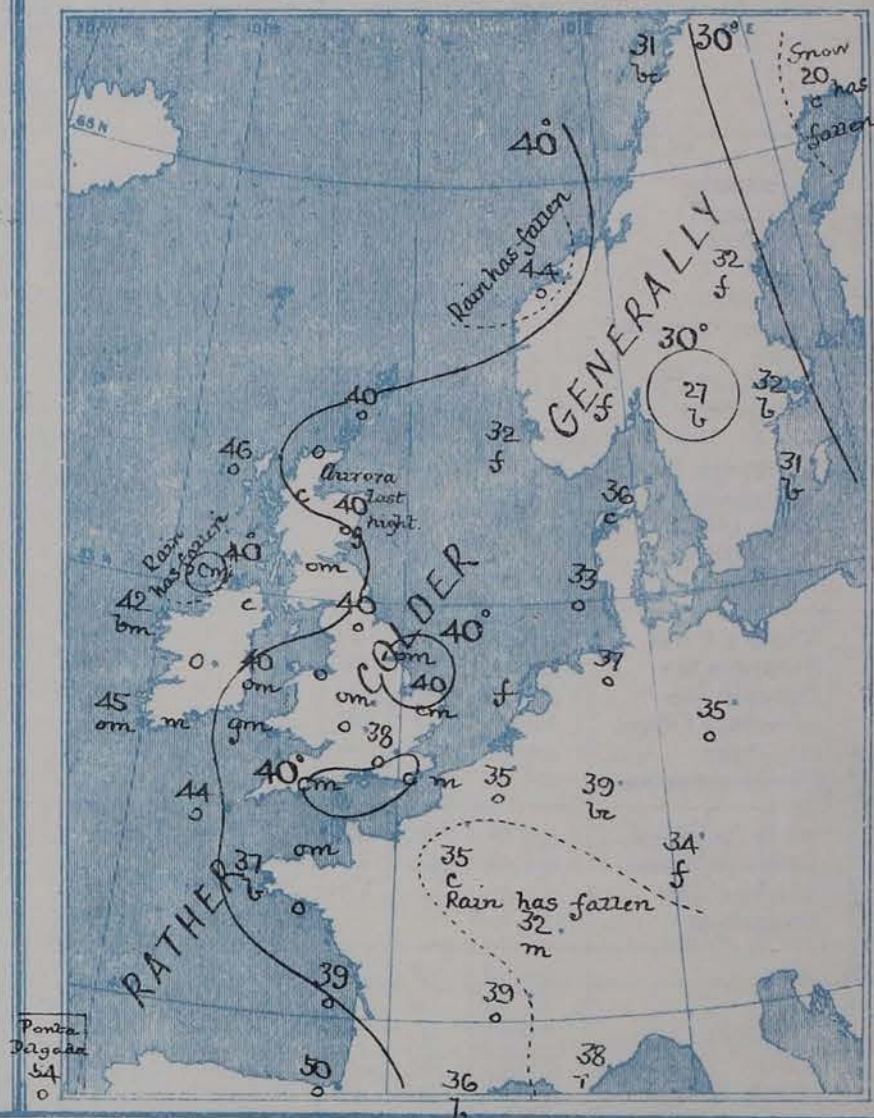


## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



## III. BAROMETER AND WIND

*Yesterday morning.*



## IV. Means of DAILY MINIMUM TEMPERATURE for the monthly period March (1871-1900)



## V. Means of DAILY TEMPERATURE at 8 a.m. for the monthly period March (1871-1900)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

A further and considerable rise of the barometer has taken place over Sweden and Norway, and a less decided change over Scotland and the west of Ireland, while over England, France, and Germany, the mercury has fallen. Readings this morning vary from between 30.4 in. and 30.2 in. over Scandinavia, and from 30.0 in. at Nice to between 29.7 in. and 29.8 in. over the Bay of Biscay.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The easterly and northeasterly current of wind appears to have become firmly established over Germany, France and England, while in Ireland the direction is S.E. and in Scotland S.W. Temperature has fallen again in Scotland and over Norway, and the 8 am values range from 45° in the south of Ireland to 40° along our east coast (they are lower inland), to 35° at Paris, Brussels and Berlin, 27° at Karlstad and 20° at Haparanda. Those over our Islands differ but little from the average. Weather is dull over the British Islands, fog prevails in several parts of Scandinavia and in South Germany. The sea is rough at Scilly, moderate on most of the exposed coasts, smooth elsewhere.

During yesterday, there was no rain, <sup>except</sup> in the south and east of France, and at one or two northern stations. Bright Sunshine exceeded 8 hours at Stomway and Aberdeen, it was 6.6 hrs at Scilly, 6.5 hrs at Glenduro, 5.5 hrs at Rhyl, and 5.2 hrs at Bath; on our south coast and in London there was little or none.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A continuation of cold easterly (southeast to northeast) winds is probable over France, England and Ireland, with occasional slight snow in places. In Scotland the wind is likely to be more southerly, but light and cold, with fine weather.

## FORECASTS \*

For the 24 hours ending at NOON on 15<sup>th</sup> MARCH

1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	{ S <sup>ly</sup> and SE <sup>ly</sup> winds, moderate; fair, cold.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	E <sup>ly</sup> winds, moderate; fair, cold.
3	{ ENGLAND EAST	{ NE <sup>ly</sup> winds, fresh; cloudy, cold, some snow occasionally.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as Nos 0 and 1.
7	{ ENGLAND N.W.	SE <sup>ly</sup> winds, moderate; fair, cold.
8	{ ENGLAND S.W.	Same as Nos 3 to 5
9	{ IRELAND NORTH	Same as No 7.
10	{ IRELAND SOUTH	E <sup>ly</sup> winds, fresh; fair, cold.
WARNINGS		NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							LAST 24 HOURS.			
	Bar.	Temp.	Wind.	Weather.	Barometer.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.	Sun-	Rainfall
	Ins.	°			Ins. Change.	Dry.	Wet.	Change.					Max.	Min.	Hrs. Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	C.O	42	37	1.5
Newton Reigny (Penrith)	30.42	47	ESE 3	bc	30.06 - 0.3	35	34	0	ESE 2	0	*	bc	58	33	6.5
Bath	29.99	39	SW 3	*	29.94 - 0.05	39	37	- 2	NE 3	bc	*	bc. r	49	34	5.2

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	50	39	C, b, c	4.3	-	Llandudno	*	*	*	6.5	*
Hastings	*	*	*	0.6	*	Rhyl	*	*	*	5.5	*
Eastbourne	*	*	*	0.1	*	Southport	*	*	*	0.1	*
Brighton	*	*	*	0.0	*	Manchester, 9 p.m.	58	40	bc, o	2.8	*
Worthing	*	*	*	0.0	*	Darwen, 9 p.m.	53	36	bc, o, w	2.4	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 13	64	52	C, o	Ins.	Algiers MAR. 13	61	46	O, r	0.24
Madrid	55	28	O, b	-	Tunis	59	46	O, o	0.08
Corsica (I. Sanguinaires)	57	39	m, b	-	Vienna	46	36	O, c	-
Rome	59	43	b, bc	0.04	St. Petersburg	36	27	C, c	-
Florence	57	34	b, b	-	Lugano MAR. 12	46	—	0	Measured 7 a.m. 12.7
Trieste	55	45	b, o	-	Davos	32	—	0	0.12
Brindisi	61	50	r, o	3.35	Lucerne	39	—	0	-
Naples	59	48	C, o	-	Lausanne	36	—	0	-
Palermo	61	46	m, o	0.16					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM. TO-DAY.

MARCH 14 <sup>th</sup> 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.14	12.3	5.52
Greenwich	6.19	12.10	5.59
Wick	6.35	12.22	6.8
Valencia	7.0	12.51	6.41

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 „ Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on Friday 15<sup>th</sup> March, 1901.  
Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	TEMP.		Sun- shine.	Rainfall.	
At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.	Min.	Hours	Ins.							
Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		
SCANDINAVIA.	Haparanda ...	30.42	16	W	2	6	30.30	-0.1	30	29	+10	S	2	c	*	6	32	12	*	-	
	Hernösand ...	30.40	33	S	2	0	30.41	+0.04	32	30	0	S	4	bc	*	0	45	28	*	-	
	Stockholm ...	30.42	34	ENE	4	0	30.37	+0.06	33	32	+1	ESE	2	b	*	0	46	27	*	-	
	Wisby ...	30.32	32	WNW	4	0	30.31	+0.04	33	32	+2	SE	4	bc	*	0	36	25	*	-	
	Karlstad ...	30.34	39	Z	0	6	30.34	-0.1	33	31	+6	ENE	2	r	*	6	*	*	*	-	
	Færder (X'iania Fjord)	30.28	37	N	2	6	30.25	-0.7	33	32	+1	ENE	4	b	3	6	37	30	*	-	
	Bodö ...	30.15	36	ESE	4	0	30.09	-0.13	40	39	+9	SW	6	bc	3	0	40	28	*	-	
	Christiansund ...	30.27	41	Z	0	f	30.23	-0.03	38	37	-6	ESE	1	f	3	f	50	37	*	-	
BRITISH ISLANDS.	Skudesnaes ...	30.26	37	NW	2	0	30.13	-0.14	35	33	+3	NE	2	b	1	0	37	32	*	*	
	Sumburgh Head	30.08	40	S	3	0	30.08	-0.02	39	37	-1	S	2	0	4	0	43	38	*	-	
	Stornoway ...	30.02	45	WSW	3	0	30.00	+0.03	42	41	-4	N	2	0	2	bc, o	50	38	6.4	-	
	Malin Head ...	30.00	42	S	2	cm	29.94	-0.04	40	38	+1	SSE	1	om	2	o, cgm	44	39	*	-	
	Blacksod Pt. ...	29.98	44	SE	3	cm	29.92	-0.03	41	40	-1	E	3	cm	3	bc, cm	47	39	*	-	
	Valencia ...	29.92	45	E	1	om	29.86	-0.03	40	36	-5	ENE	2	bm	3	om	46	39	0.0	-	
	Roche's Point ...	29.93	43	E	4	6	29.86	-0.06	40	39	-5	NE	3	m	3	m, o, b	45	37	*	-	
	Parsonstown ...	29.95	43	ESE	1	6	29.89	-0.07	37	36	-4	NW	1	0	*	0, b	44	30	0.5	-	
GERMANY, &c.	Donaghadee ...	30.02	42	ESE	3	6	29.92	-0.11	40	38	-2	ESE	5	og	5	b, f	42	39	*	-	
	Liverpool Obsy.	29.99	42	NE	3	bc	29.88	-0.16	36	35	-2	NE	2	0	3	m, bc	46	36	*	0.01	
	Holyhead ...	29.97	43	NE	3	c	29.86	-0.15	39	37	-1	ENE	3	om	2	c	46	37	*	-	
	Pembroke (St. Ann's)	29.87	46	NNE	3	c	29.80	-0.14	40	39	+1	NE	1	cm	2	c	48	38	1.7	-	
	Scilly (St. Mary's)...	29.81	46	NE	4	om	29.71	-0.10	45	43	+1	NE	3	om	3	o, om	48	40	0.0	-	
	Jersey (St. Aubins)...	29.75	46	ENE	3	om	29.66	-0.16	44	43	-4	NE	4	om	3	c, omp	48	41	0.8	0.02	
	Portland Bill ...	29.83	46	NNE	3	cm	29.75	-0.15	38	38	-2	NE	4	0	3	bm, cm	48	37	*	-	
	Dungeness ...	29.82	42	ENE	4	0	29.75	-0.15	40	39	-3	E	5	0	4	bc, o	46	39	*	-	
FRANCE.	Wick ...	30.06	40	S	4	0	30.05	-0.04	40	38	0	SE	3	bc	2	0	44	40	*	-	
	Nairn ...	30.02	44	E	1	6	30.02	-0.01	33	32	-6	SSW	1	b	1	b	49	28	*	-	
	Aberdeen ...	30.11	40	S	1	og	30.03	-0.09	38	35	-2	ENE	3	og	4	og	42	37	0.0	-	
	Leith ...	30.07	41	SE	1	0	29.99	-0.10	40	37	+2	ENE	3	0	*	0	43	36	*	-	
	North Shields ...	30.06	40	ESE	2	0	29.92	-0.16	40	38	0	NE	3	0	3	o, d	42	37	*	-	
	Spurn Head ...	30.02	40	ENE	4	0	29.86	-0.18	38	37	-3	E	4	cp	4	0	43	36	*	0.02	
	Yarmouth ...	29.92	39	ENE	5	c	29.83	-0.16	39	38	-1	E	4	cv	4	m, c	41	36	*	-	
	Loughborough ...	29.98	40	NE	3	0	29.86	-0.18	37	36	-2	NE	2	omd	*	om	43	36	*	-	
SPAN. PEN.	Oxford ...	29.91	41	NE	3	0	29.83	-0.16	38	36	0	ENE	1	0	*	0	45	37	*	-	
	London (Brixton)	29.89	41	NE	3	0	29.80	-0.16	39	38	+1	NE	3	og	*	og	45	37	0.0	-	
	The Scaw (Skagen)	30.18	36	ENE	3	6	30.19	-0.11	33	32	-2	ESE	4	0	1	b	37	32	*	-	
	Fanö ...	30.10	34	ENE	6	bc	30.01	-0.21	34	33	+1	ENE	4	s	*	bc	41	33	*	0.04	
	Cuxhaven ...	30.01	34	E	3	0	29.95	-0.18	33	33	-2	SE	2	0	*	ohs	37	32	*	0.04	
	The Helder ...	29.94	37	E	3	0	29.84	-0.18	35	34	0	E	1	0	1	0	37	35	*	0.08	
	Brussels ...	*	*	*	*	*	29.80	-0.15	35	35	0	NE	1	f	*	b	51	34	*	-	
	Berlin ...	29.98	39	Z	0	0	30.03	-0.04	35	35	0	SSE	1	f	*	0	32	34	*	0.12	
SPAN. PEN.	Frankfurt ...	29.93	37	NE	2	6	29.92	-0.03	38	37	-1	NE	2	f	*	b	48	36	*	-	
	Munich ...	29.93	40	SE	2	6	29.92	+0.01	37	34	+3	SE	2	c	*	b	50	30	*	-	
	C. Gris Nez ...	29.85	39	E	2	m	29.78	-0.13	35	34	+1	E	3	f	3	m	46	34	*	-	
	Brest ...	29.75	46	NE	1	0	29.65	-0.17	41	41	+4	NNE	1	0	3	0	48	37	*	0.04	
	Lorient ...	29.71	44	ENE	3	0	29.62	-0.17	41	40	+1	NE	2	0	5	0	48	40	*	-	
	Rochefort ...	29.68	50	ENE	3	0	29.62	-0.12	46	45	+7	SSE	3	bc	*	0	54	36	*	0.04	
	Biarritz ...	29.65	55	S	3	c	29.75	+0.06	48	46	-2	WSW	4	r	3	c	63	45	*	-	
	Paris ...	29.79	45	E	2	6	29.71	-0.15	42	41	+7	E	2	bc	*	b	53	35	*	0.04	
SPAN. PEN.	Belfort ...	29.85	44	ENE	3	0	29.83	-0.07	36	35	+4	E	2	0	*	0	51	32	*	-	
	Lyons ...	29.86	48	S	2	0	29.79	-0.12	42	41	+3	S	1	r	*	0	51	39	*	0.12	
	Nice ...	29.63	45	NE	5	0	29.91	-0.10	46	45	+8	E	7	r	4	0	46	38	*	0.43	
	Perpignan ...	29.77	53	N	3	c	29.70	-0.12	43	41	+7	SW	2	b	*	c	63	36	*	-	
SPAN. PEN.	Corunna ...	29.85	50	W	4	6	29.99	+0.29	51	48	-1	S	2	b	*	b	54	45	*	0.20	
	Lisbon ...	29.86	60	SW	5	0	29.82	-0.19	59	55	+5	WSW	5	0	5	0	61	57	*	0.12	

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

\* Observations received too late for insertion in Charts on next page



# WEATHER CHARTS

FOR *Friday, 15<sup>th</sup> March, 1901.*

## I. BAROMETER, WIND AND SEA. *This Morning.*

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

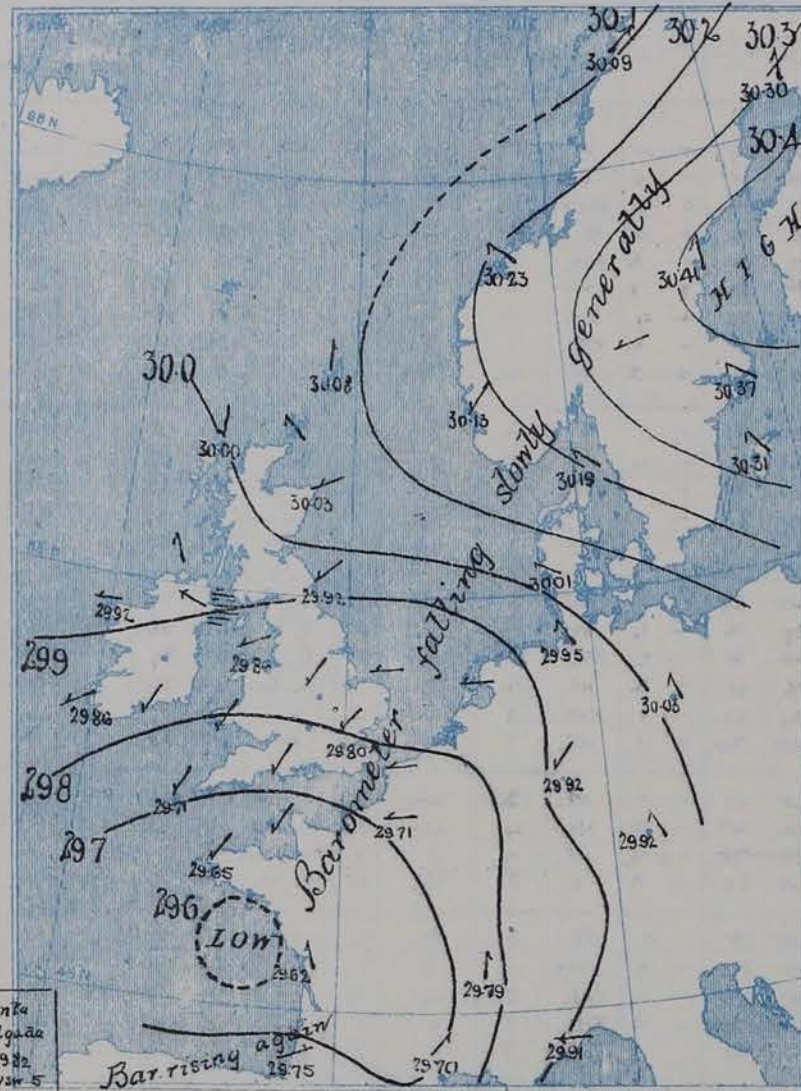
Calm

Force 8 to 10

Force 1 to 4

SEA.—Rough

High

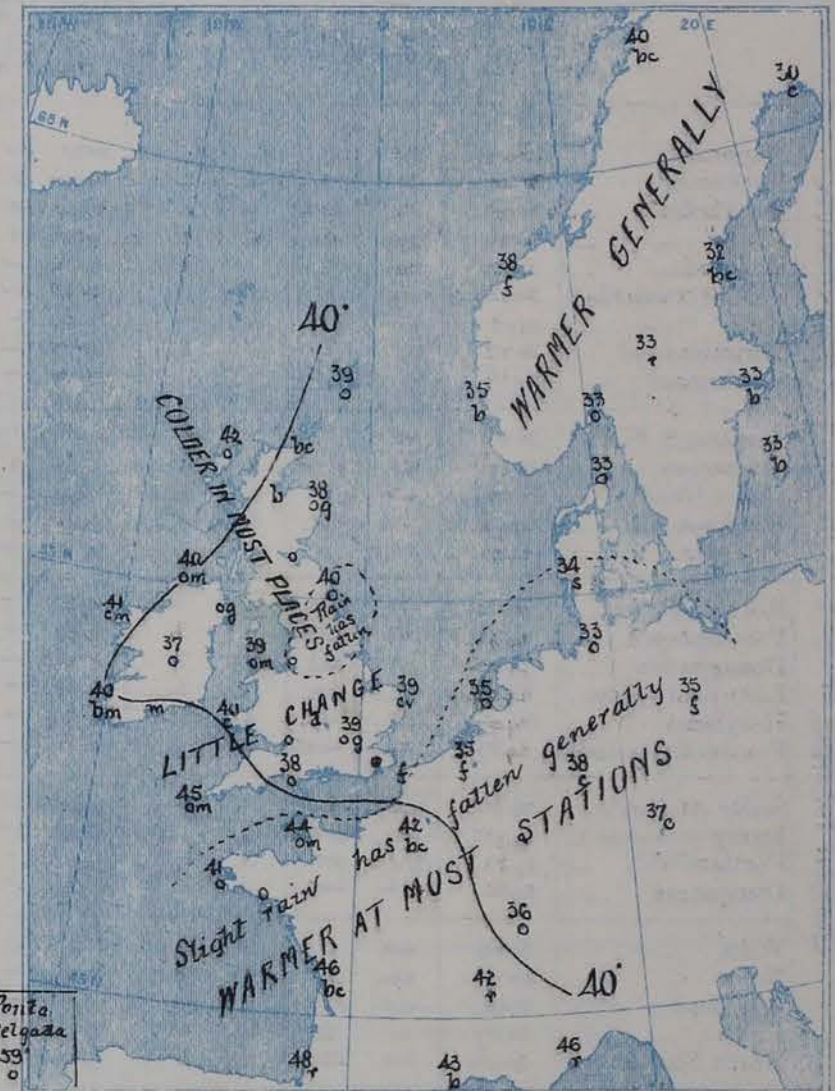


## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



## III. BAROMETER AND WIND

*Yesterday morning.*



## IV. Means of DAILY MINIMUM TEMPERATURE for the monthly period March (1871-1900)



## V. Means of DAILY TEMPERATURE at 8 am. for the monthly period March (1871-1900)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

There has been a slight increase in pressure over Sweden since yesterday, and a slight decrease elsewhere, but beyond an increase in the intensity of the gradients, the relative distribution of pressure has undergone no important change. The readings at 8 a.m. ranged from 30.4 inches over Sweden to 30.0 inches at Aberdeen, and to about 29.6 inches over the Bay of Biscay.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The prevailing wind is therefore Easterly (Northeast to Southeast) and is moderate in force, but a strong breeze from Southwest is reported at Bodø, and a moderate Westerly to Southwesterly breeze over some parts of Spain. Temperature has changed but little in our Islands, rising over Lapland and also over France; it ranges from 48° at Biarritz and 45° at Sicily to 38° at Aberdeen and Spurn Head, 35° at Berlin, and 30° at Haparanda. The values in our Islands are a little below the average, those in Lapland are slightly in excess. The weather as a whole is fair, but in most places very cloudy and dull; at Spurn Head and some slight showers are reported. In the southwest of France there is rain. Sea is very little disturbed. Stormy is the only station in the British Islands where the maximum temperature touched 50°, though at several others it exceeded 45°. Nairn had a minimum of 28°. Bright sunshine registered yesterday amounted to as much as 7.8 hours at Brighton and 7.0 hours at Hastings; between 6 and 7 hours was registered at the other south coast stations, as well as at Rhyl and Stormy, none in the northeast of Scotland and hardly any in Ireland.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is no deep depression near us at present, but very shallow secondaries in the east and south may cause a few cold, local, showers. Easterly winds appear likely to continue.

## FORECASTS \*

For the 24 hours ending at NOON on MARCH 16<sup>TH</sup> 1901

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

1 { SCOTLAND  
EAST

2 { ENGLAND  
N.E.

3 { ENGLAND  
EAST

4 { MIDLAND  
COUNTIES

5 { ENGLAND  
SOUTH

*Southeasterly and Easterly winds, moderate; fine.*

*Same as No. 5.*

*Same as Nos 0 to 2.*

*Easterly and Northeasterly winds, moderate; dull, some passing cold showers.*

### DISTRICTS.

### FORECASTS.

6 { SCOTLAND  
WEST

7 { ENGLAND  
N.W.

8 { ENGLAND  
S.W.

9 { IRELAND  
NORTH

10 { IRELAND  
SOUTH

*Same as Nos. 0 to 2*

*Same as No. 5.*

*Easterly (Southeast to Northeast) winds, light to fresh; fine.*

### WARNINGS

*NONE ISSUED.*

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	c, 0	43 38	0.6	-
Newton Reigny (Penrith)	30.02	41	ESE 2	0	29.90 - .16	37	36	+ 2	NE 4	0	*	om. c, g	45 34	2.2	-
Bath	29.87	37	NNW 3	bc	29.79 - .15	39	37	0	E 4	0	*	bc	45 38	0.5	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	42	36	0.0	0.1	-	Llandudno	*	*	*	0.5	*
Hastings	*	*	*	7.0	*	Rhyl	*	*	*	6.6	*
Eastbourne	*	*	*	6.5	*	Southport	*	*	*	3.0	*
Brighton	*	*	*	7.8	*	Manchester, 9 p.m.	46	37	c, bc, 0	2.0	-
Worthing	*	*	*	6.8	*	Darwen, 9 p.m.	42	33	om, om	1.4	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 14 <sup>th</sup>	-	-	-	Ins.	Algiers ... MAR. 14 <sup>th</sup>	63	46	c, c	0.04
Madrid	-	-	-	-	Tunis	61	43	bc, bc	0.08
Corsica (I. Sanguinaires)	57	39	f, m	-	Vienna	50	43	r, f	0.39
Rome	59	43	b, 0	0.04	St. Petersburg	37	16	b, 0	-
Florence	57	41	b, 0	-	Lugano ... MAR. 13 <sup>th</sup>	48	-	bc	Measured 7 a.m. 13 <sup>th</sup> 0.04
Trieste	54	45	0, 0	0.08	Davos	39	-	b	0.04
Brindisi	55	46	0, b	0.12	Lucerne	43	-	0	0.04
Naples	57	46	bc, b	-	Lausanne	37	-	0	0.12
Palermo	61	41	b, b	-					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

MARCH 15 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.11	12.2	5.54
Greenwich	6.17	12.9	6.2
Wick	6.32	12.21	6.11
Valencia	6.58	12.50	6.43

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 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

Saturday, 16<sup>th</sup> March,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine Hours	Rainfall Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.			Min.				
																		Ins.			Ins.
SCANDINAVIA.	Haparanda	30.11	28	SW	6	b	29.88	-1.2	28	28	-2	WSE	2	0	*	b	34	12	*	-	
	Hernösand	30.20	32	S	2	o	30.00	-1.1	28	27	-1	S	2	0	*	o	34	28	*	-	
	Stockholm	30.21	31	Z	0	b	30.05	-1.2	35	34	+2	SSE	2	0	*	b	39	28	*	-	
	Wisby	30.20	35	SW	4	r	30.03	-1.28	35	34	+2	S	4	r	*	r	37	27	*	-	
	Karlstad	30.18	36	NE	2	o	30.02	-1.2	33	32	0	NE	2	0	*	o	3	*	*	-	
	Färder (X'ania Fjord)	30.13	33	NNE	4	S	30.01	-1.24	33	33	0	NE	1	m	1	S	34	32	*	0.04	
	Bodö	30.04	35	SW	4	r	29.88	-1.21	34	31	-6	W	4	0	2	r	40	34	*	-	
	Christiansund	30.13	38	ESE	2	f	29.98	-1.25	34	34	-4	Z	0	b	3	f	39	34	*	-	
	Skudesnaes	30.08	37	NW	4	o	29.97	-1.6	37	36	+2	NW	2	0	1	b	45	34	*	*	
BRITISH ISLANDS.	Sumburgh Head	30.03	41	S	1	o	29.95	-1.3	40	38	+1	Z	0	0	3	o	43	37	*	0.01	
	Stornoway	29.92	43	SE	2	o	29.90	-1.0	41	39	-1	ESE	3	0	3	o	49	35	5.4	-	
	Malin Head	29.87	42	ESE	2	cm	29.81	-1.3	42	40	+2	NE	2	ogm	2	bcm, cm	43	40	*	-	
	Blacksod Pt.	29.84	43	ESE	4	o	29.81	-1.1	40	40	-1	ESE	3	cm	3	cm, o	44	38	*	-	
	Valencia	29.78	47	Z	0	cm	29.76	-1.0	42	41	+2	E	1	om	3	om, cm	49	39	0.8	0.04	
	Roche's Point	29.80	45	ESE	3	m	29.79	-0.7	41	39	+1	NE	2	m	3	m	46	38	*	-	
	Parsonstown	29.82	40	NE	1	o	29.78	-1.1	38	38	+1	NE	1	o	*	o	42	36	0.0	-	
	Donaghadee	29.85	42	E	3	og	29.78	-1.4	41	39	+1	ESE	3	cg	4	og	42	36	*	-	
	Liverpool Obsy.	29.80	40	ESE	1	o	29.77	-1.1	38	37	+2	ESE	1	o	2	om	42	36	*	0.02	
GERMANY, &c.	Holyhead	29.79	41	NE	3	om	29.76	-1.0	40	38	+1	Z	0	f	0	om	42	37	*	-	
	Pembroke (St. Ann's)	29.75	42	NE	2	c	29.74	-0.6	41	39	+1	SE	3	ogm	2	c	45	39	1.7	-	
	Scilly (St. Mary's)	29.70	44	NE	3	o	29.71	0.0	44	42	-1	ESE	2	0	2	or, sp, o	47	40	0.0	0.02	
	Jersey (St. Aubins)	29.63	44	NE	3	og	29.76	+1.0	43	41	-1	WSE	3	om	3	f, ogp	46	42	0.0	0.12	
	Portland Bill	29.71	42	NNE	2	ogm	29.75	-0.6	38	37	0	H	2	om	2	om, ogm	43	37	*	0.02	
	Dungeness	29.68	41	E	4	o	29.68	-0.7	40	40	0	H	2	r	2	o, r	41	39	*	0.14	
	Wick	30.00	40	SE	3	o	29.93	-1.2	40	39	0	SE	3	0	3	o	45	38	*	0.02	
	Nairn	29.94	42	E	2	o	29.89	-1.3	39	38	+6	E	2	0	1	o	44	32	*	-	
	Aberdeen	29.94	39	NE	3	ogf	29.87	-1.6	40	39	+2	NE	4	og, r	4	og, r, g	43	37	0.4	0.12	
FRANCE.	Leith	29.86	40	ESE	3	r	29.81	-1.8	40	39	0	NNE	3	om	*	r	41	37	*	0.10	
	North Shields	29.83	39	NE	1	r	29.75	-1.7	39	38	-1	NE	2	r	3	r	40	36	*	0.23	
	Spurn Head	29.78	39	ESE	3	o	29.76	-1.0	40	38	+2	ESE	3	c	4	o	43	37	*	0.02	
	Yarmouth	29.76	39	ESE	3	c	29.68	-1.5	41	40	+2	NNE	3	cgf	4	c	41	36	*	0.22	
	Loughborough	29.79	40	NE	2	o	29.76	-1.0	37	36	0	WSE	1	om	*	om	41	36	*	-	
	Oxford	29.77	39	NE	2	o	29.75	-0.8	37	36	-1	H	2	o	*	o	41	36	*	-	
	London (Brixton)	29.73	42	ESE	3	o	29.72	-0.8	38	37	-1	NNE	1	of	*	og, r	43	37	0.0	0.06	
	The Scaw (Skagen)	30.08	35	ESE	3	m	29.99	-1.20	35	35	+2	ESE	2	0	0	m	36	33	*	0.35	
	Fanö	29.95	37	E	4	o	29.85	-1.6	38	38	+4	E	4	f	*	o	39	34	*	0.12	
SPAN. PEN.	Cuxhaven	29.84	43	SE	2	b	29.78	-1.7	37	36	+4	E	2	b	*	b	45	33	*	-	
	The Helder	29.78	40	ESE	2	r	29.66	-1.5	43	43	+8	SE	1	o	1	r	43	35	*	-	
	Brussels	*	*	*	*	*	29.70	-1.04	41	41	+8	S	5	c	*	r	53	34	*	0.04	
	Berlin	29.95	47	E	2	b	29.86	-1.7	40	39	+5	SE	2	c	*	b	54	35	*	-	
	Frankfurt	29.81	50	E	2	c	29.91	-0.1	44	42	+6	SSW	2	c	*	o	57	38	*	-	
	Munich	29.84	46	E	3	o	29.97	+0.5	42	39	+5	W	4	o	*	o	57	37	*	-	
	C. Gris Nez	29.73	39	E	2	r	29.67	-1.1	43	42	+8	SW	2	f	2	r	43	35	*	0.32	
	Brest	29.64	43	NNE	2	r	29.76	+1.1	42	41	+1	H	1	b	1	r	50	41	*	0.28	
	Lorient	29.67	46	NW	2	c	29.79	+1.7	43	42	+2	NW	1	c	3	c	50	41	*	0.04	
SPAN. PEN.	Rocheport	29.76	48	SW	4	b	29.85	+1.23	46	45	0	SSW	3	o	*	b	52	41	*	0.20	
	Biarritz	29.88	51	Z	0	o	29.88	+1.3	52	45	+4	SSE	4	o	2	o	54	46	*	0.16	
	Paris	29.70	46	S	1	c	29.79	+0.8	42	40	0	S	3	o	*	c	55	39	*	0.08	
	Belfort	29.81	46	WSE	3	o	29.93	+1.0	39	38	+3	Z	0	m	*	o	49	36	*	0.04	
	Lyons	29.89	47	SW	2	rl	29.91	+1.8	44	44	+6	S	2	o	*	rl	51	40	*	0.28	
SPAN. PEN.	Nice	29.96	50	SW	4	c	30.06	+1.5	45	42	-1	E	1	b	*	c	57	43	*	0.24	
	Perpignan	29.86	56	NE	2	c	30.00	+1.30	39	37	-5	W	2	b	*	c	65	34	*	-	
	Corunna														*						
SPAN. PEN.	Lisbon														*						
	Azores (P. Delgada)	29.86	57	WSE	4	c	29.88	+0.6	57	55	-2	W	4	r	5	c	63	54	*	0.35	

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

Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR *Saturday, 16<sup>th</sup> March, 1901.*

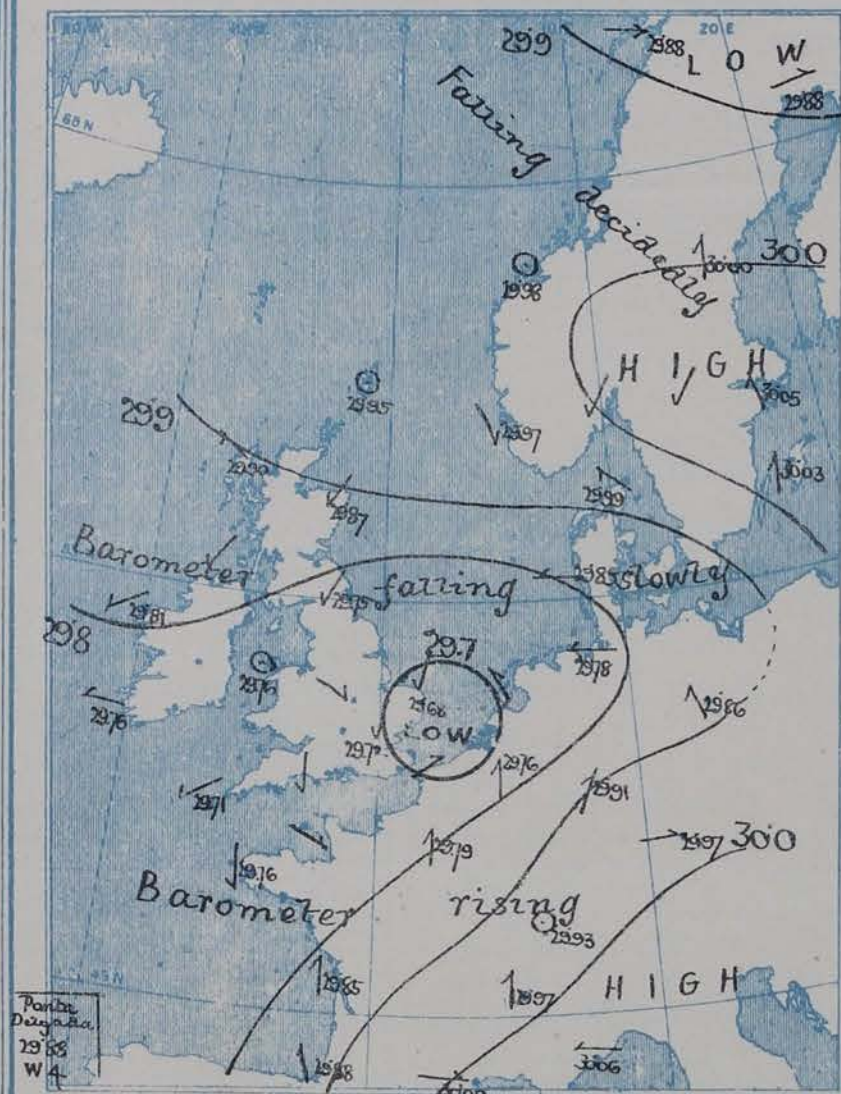
## I. BAROMETER, WIND AND SEA. *This Morning.*

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

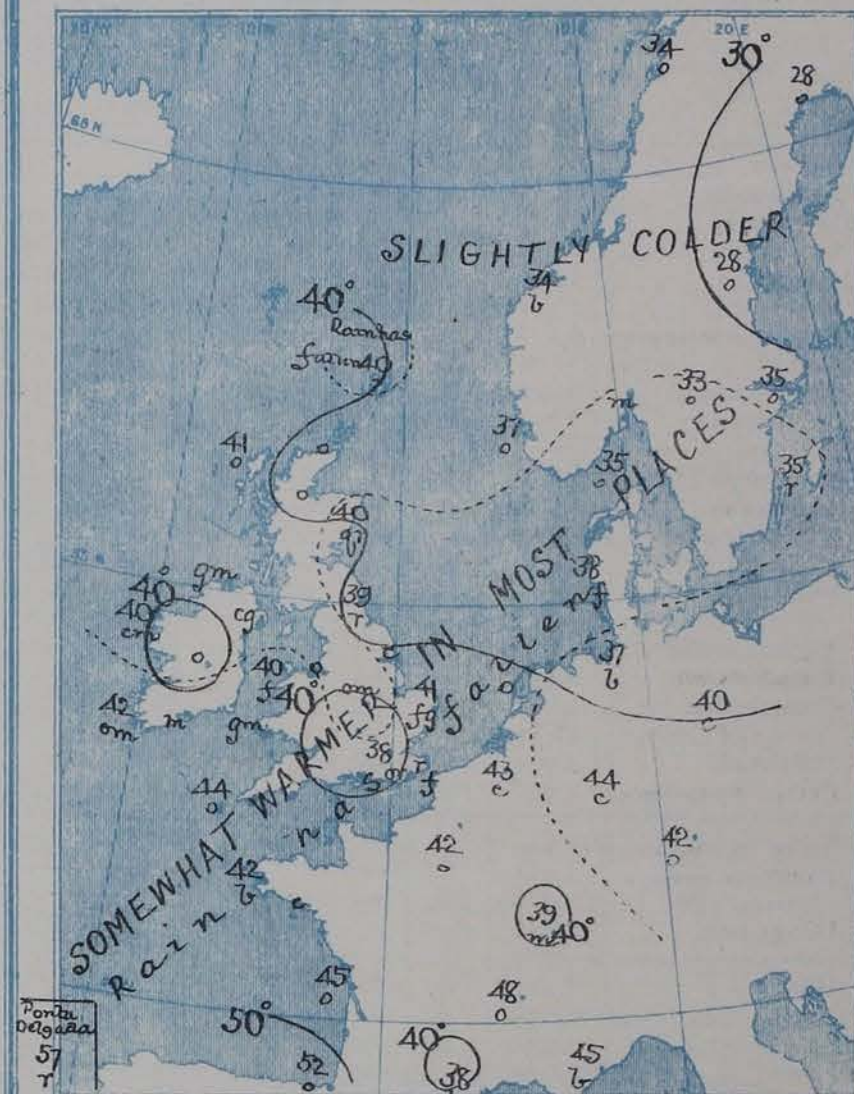


## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

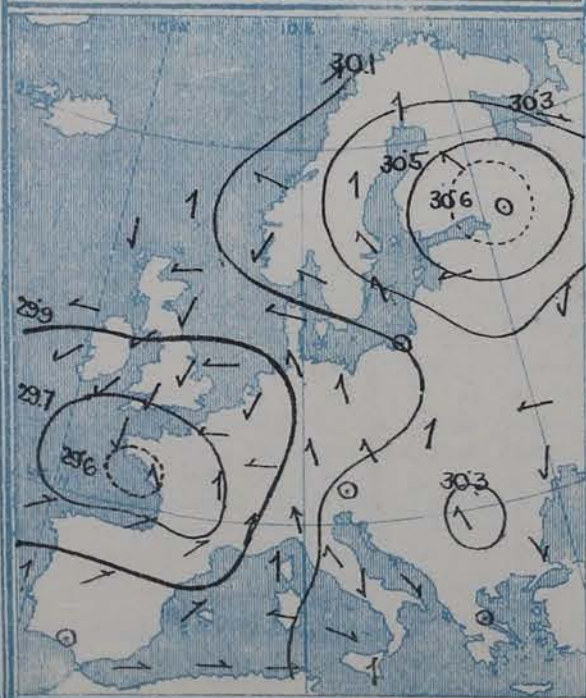
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



## III. BAROMETER AND WIND

*Yesterday morning.*



## IV. Means of DAILY MINIMUM

TEMPERATURE for the monthly period March (1871-1900)



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the monthly period March (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

During the past day, the barometer has risen all over the Spanish Peninsula and France, fallen over the British Isles, the North Sea and Scandinavia. Readings now range from 30.0 ins: and more over the Baltic and the south of Sweden as well as over the southeast of France and in Switzerland to 29.7 ins: and less over Kent, Sussex, and Belgium, and about 29.7 ins: a little to the westward of the Scilly Islands.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

Although E winds still prevail in the north of Scotland, and NE in Ireland, S and SW winds are reported over France, while in England and the Channel there are very variable breezes of little strength. Temperature has not changed much over Ireland and England, but has risen in France and Scotland. Over the British Islands the values (39° to 44°) differ little from the average. The weather is dull and in many localities rather rainy. Sea is smooth both in the Irish and English Channels.

During yesterday rain fell generally at the French stations and subsequently a little fell over England, but in this country the measurements were nowhere large, fog occurred at Jersey. Temperature did not touch 50° anywhere, nor even the subsequent night very cold. Very little bright Sunshine was recorded yesterday, except at Stornoway, where the amount was 5.4 hours.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather is likely to continue changeable, with rain occasionally in most places. SW breezes are likely to become more general, with rather milder weather.

## FORECASTS \*

For the 24 hours ending at NOON on 17<sup>th</sup> MARCH 1901

### DISTRICTS.

### FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

Varying light winds, finally SW<sup>2</sup>; rain at times. Milder.

Same as N°5

Same as N°0 to 2.

W<sup>2</sup> and SW<sup>2</sup> breezes, light; milder, rain occasionally.

### DISTRICTS.

### FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Same as N°0 to 2

Same as N°5

Same as N°0 to 2.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.				
	Bar.	Temp.	Wind.	Weather.	Barometer.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun-	Rainfall
	Ins.	°			Ins. Change.	Dry.	Wet.	Change.					Max.	Min.	shine.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	0	44	37	0.0	0.27
Newton Reigny (Penrith)	29.82	40	E 12 3	0	29.77	-13	36	36	-1	2.0	0	0 m g d	41	35	0.0	0.01
Bath	30.03	39	SE 2	0	29.76	-03	38	36	-1	1 2	0	0. b	43	37	0.0	0.

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	39	35	0	0.0	-	Llandudno	*	*	*	0.2	*
Hastings	*	*	*	0.2	*	Rhyl	*	*	*	0.0	*
Eastbourne	*	*	*	0.0	*	Southport	*	*	*	0.0	*
Brighton	*	*	*	1.3	*	Manchester, 9 p.m.	40	37	0. c, o	0.0	-
Worthing	*	*	*	0.0	*	Darwen, 9 p.m.	34	33	0 v, m, d, o m	0.1	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 15 <sup>TH</sup>	63	50	bc, 0	Ins.	Algiers ... MAR. 15 <sup>TH</sup>	75	54	c, 0	Ins.
Madrid	52	36	0, 0	0.10	Tunis	68	43	0, c	-
Corsica (I. Sanguinaires)	54	39	m, m	-	Vienna	52	32	b, b	-
Rome	52	45	b, 0	0.28	St. Petersburg	34	25	b, b	-
Florence	55	46	0, 0	-	Lugano ... MAR. 14 <sup>TH</sup>	43	—	r	Measured 7 a.m. 14 <sup>TH</sup> 0.08
Trieste	55	48	0, 0	0.47	Davos	41	—	b	-
Brindisi	66	45	c, c	-	Lucerne	50	—	bc	-
Naples	57	46	b, bc	-	Lausanne	43	—	c	-
Palermo	63	37	b, b	-					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

MARCH 16 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.8	12.2	5.56
Greenwich	6.14	12.9	6.4
Wick	6.29	12.21	6.14
Valencia	6.55	12.50	6.45

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 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on Sunday 17<sup>th</sup> March, 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Ins.	Dry Bulb.	Dirac.		Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.			Force (0 to 12.)	Weather.			Max.	Min.
SCANDINAVIA.	Haparanda ...	29.69	29	SW	2	0	29.61	- .27	21	20	- 7	WNW	2	bc	2	0	34	21	*	-		
	Hernösand ...	29.73	32	Z	0	S	29.70	- .30	30	30	+ 2	N	2	0	2	S	34	27	*	0.16		
	Stockholm ...	29.87	34	Z	0	0	29.68	- .37	35	34	0	SW	2	0	2	0	36	30	*	-		
	Wisby ...	29.86	33	SSW	4	f	29.72	- .31	34	33	- 1	SW	4	f	2	f	37	30	*	0.04		
	Karlstad ...	29.86	34	SE	2	0	29.72	- .30	34	33	+ 1	SW	2	s	2	0	*	*	*	-		
	Færder (X'iania Fjord)	29.84	34	SSW	2	0	29.73	- .28	33	32	0	N	1	mv	1	0	36	30	*	-		
	Bodö ...	29.75	35	W	5	S	29.75	- .13	34	32	0	WNW	5	bc	3	S	36	30	*	93.54		
	Christiansund ...	29.81	36	WSW	2	r	29.91	- .07	33	31	- 1	N	1	c	4	r	39	30	*	0.12		
BRITISH ISLANDS.	Skudesnaes ...	29.90	38	NNW	2	0	29.80	- .17	38	37	+ 1	NNW	2	0	1	0	41	34	*	-		
	Sumburgh Head ...	29.95	41	N	1	0	29.93	- .02	37	34	- 3	N	1	c	3	0	45	34	*	0.02		
	Stornoway ...	29.93	43	ESE	4	0	29.97	+ .07	42	40	+ 1	ENE	4	0	4	0	45	35	3.1	0.02		
	Malin Head ...	29.81	42	E	2	bc	29.84	+ .03	42	40	0	E	4	op	3	0.6c	43	40	*	0.02		
	Blacksod Pt. ...	29.87	43	ENE	3	0	29.80	- .01	41	40	+ 1	ENE	3	0	3	0	45	38	*	-		
	Valencia ...	29.75	44	Z	0	om	29.71	- .05	41	40	- 1	E	1	om	3	om. om	48	40	1.0	-		
	Roche's Point ...	29.75	45	SE	3	m	29.74	- .05	42	40	+ 1	E	3	m	3	m	48	39	*	-		
	Parsonstown ...	29.78	41	NE	1	r	29.77	- .01	39	38	+ 1	ENE	1	0	*	or	43	36	0.0	0.05		
GERMANY, &c.	Donaghadee ...	29.80	43	E	1	bc	29.83	+ .05	43	42	+ 2	ENE	5	og	5	bc	43	39	*	0.03		
	Liverpool Obsy. ...	29.79	40	NW	1	0	29.82	+ .05	33	33	- 5	ESE	1	f	?	om	41	33	*	-		
	Holyhead ...	29.78	40	SE	1	df	29.80	+ .04	40	39	0	ENE	2	om	1	r. df	41	38	*	0.10		
	Pembroke (St. Ann's)	29.76	44	S	4	c	29.73	- .01	37	36	- 1	E	4	bm	4	c	45	35	0.5	-		
	Scilly (St. Mary's) ...	29.71	46	ESE	3	c	29.58	- .13	45	44	+ 1	ENE	5	r	3	c	49	42	3.2	0.06		
	Jersey (St. Aubins) ...	29.78	46	NE	2	bm	29.66	- .10	44	43	+ 6	E	4	omur	3	c. b. o	52	42	4.0	-		
	Portland Bill ...	29.80	40	Z	0	og	29.75	- .00	41	40	+ 3	E	4	0	2	o. og	41	38	*	-		
	Dungeness ...	29.77	44	Z	0	0	29.78	+ .10	42	41	+ 2	E	2	0	2	0	45	39	*	0.02		
FRANCE.	Wick ...	29.94	40	N	2	0	29.96	+ .03	40	39	0	E	3	0	3	0	44	32	*	0.03		
	Nairn ...	29.91	40	E	1	0	29.93	+ .04	40	40	+ 1	Z	0	0	1	0	42	37	*	0.10		
	Aberdeen ...	29.89	40	NNE	4	og. p. q.	29.91	+ .04	41	39	+ 1	NNW	2	op	3	o. op. q.	43	37	0.0	0.03		
	Leith ...	29.84	40	NE	3	r	29.91	+ .10	41	40	+ 1	NE	3	r	*	r	42	38	*	0.12		
	North Shields ...	29.78	42	NE	1	of. d.	29.86	+ .11	41	41	+ 2	NE	3	r	3	r. o. f. d.	45	37	*	0.42		
	Spurn Head ...	29.76	40	N	4	0	29.82	+ .06	40	40	0	NNE	4	of	4	o. d.	44	39	*	0.04		
	Yarmouth ...	29.70	42	NNW	3	f. d.	29.77	+ .09	40	39	- 1	NNW	2	cf	4	f. f. d.	43	38	*	0.11		
	Loughborough ...	29.78	42	N	1	b	29.82	+ .06	29	29	- 8	NNE	1	of	*	b	48	25	*	-		
SPAN. PEN.	Oxford ...	29.81	38	WNW	2	b	29.80	+ .05	34	34	- 3	N	1	bf	*	o. b. f.	46	32	*	-		
	London (Brixton) ...	29.77	44	Z	0	m	29.87	+ .09	40	39	+ 2	ENE	2	c	*	ogm	45	37	0.1	-		
	The Scaw (Skagen) ...	29.86	36	SSE	1	0	29.75	- .24	35	35	0	SW	1	f	0	0	37	35	*	-		
	Fanö ...	29.82	39	ESE	2	r	29.80	- .05	37	37	- 1	SE	1	f	*	r	45	37	*	0.12		
	Cuxhaven ...	29.87	45	Z	0	b	29.80	+ .02	40	39	+ 3	WSW	1	c	*	b	48	37	*	-		
	The Helder ...	29.75	43	SSW	1	0	29.77	+ .08	40	40	- 3	SW	1	m	0	0	48	41	*	-		
	Brussels ...	*	*	*	*	*	29.83	+ .07	43	40	0	SSE	1	0	*	0	47	40	*	-		
	Berlin ...	29.84	48	Z	0	b	29.83	- .03	42	40	+ 2	SW	2	c	*	b	54	40	*	-		
SPAN. PEN.	Frankfurt ...	29.91	48	SW	4	bc	29.90	- .01	43	43	- 1	NE	2	0	*	bc	52	41	*	0.24		
	Munich ...	29.99	39	SE	2	0	29.94	- .03	38	37	- 4	SE	2	bc	*	0	52	36	*	0.04		
	C. Gris Nez ...	29.80	42	SW	1	f	29.81	+ .14	40	39	- 3	E	1	m	1	f	46	39	*	-		
	Brest ...	29.69	49	SE	1	0	29.52	- .24	46	45	+ 4	E	3	0	2	0	54	42	*	-		
	Lorient ...	29.74	48	SE	3	r	29.56	- .23	48	46	+ 5	E	3	0	2	r	57	43	*	-		
	Rochefort ...	29.71	53	SSE	3	c	29.58	- .27	48	46	+ 2	ENE	3	0	*	c	57	43	*	0.12		
	Biarritz ...	29.78	60	S	4	0	29.62	- .26	51	47	- 1	ESE	2	r	1	0	64	50	*	0.12		
	Paris ...	29.86	46	WSW	2	b	29.77	- .02	39	39	- 3	ENE	2	bc	*	b	51	35	*	-		
SPAN. PEN.	Belfort ...	29.92	42	SW	3	r	29.86	- .07	39	38	0	ENE	2	0	*	r	48	37	*	0.39		
	Lyons ...	29.92	52	S	3	0	29.83	- .14	49	43	+ 1	S	3	0	*	0	61	48	*	-		
	Nice ...	30.08	50	SW	2	c	30.02	- .04	44	42	- 1	E	3	0	4	c	57	43	*	-		
	Perpignan ...	29.89	52	NE	1	0	29.73	- .27	53	49	+ 15	S	3	0	*	0	63	38	*	-		
SPAN. PEN.	Corunna ...	29.61	54	S	3	r	29.62	- .07	50	48	- 4	SSW	3	0	3	r	59	43	*	0.67		
	Lisbon ...	29.75	54	SW	4	r	29.80	- .05	54	50	+ 1	WSW	4	bc	*	r	57	48	*	0.51		
	Azores (P. Delgada) ...	29.93	60	SW	4	0	29.93	+ .05	60	59	+ 3	WSW	5	0	4	0	63	57	*	0.04		

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

\* Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR Sunday, 17<sup>th</sup> March, 1901.

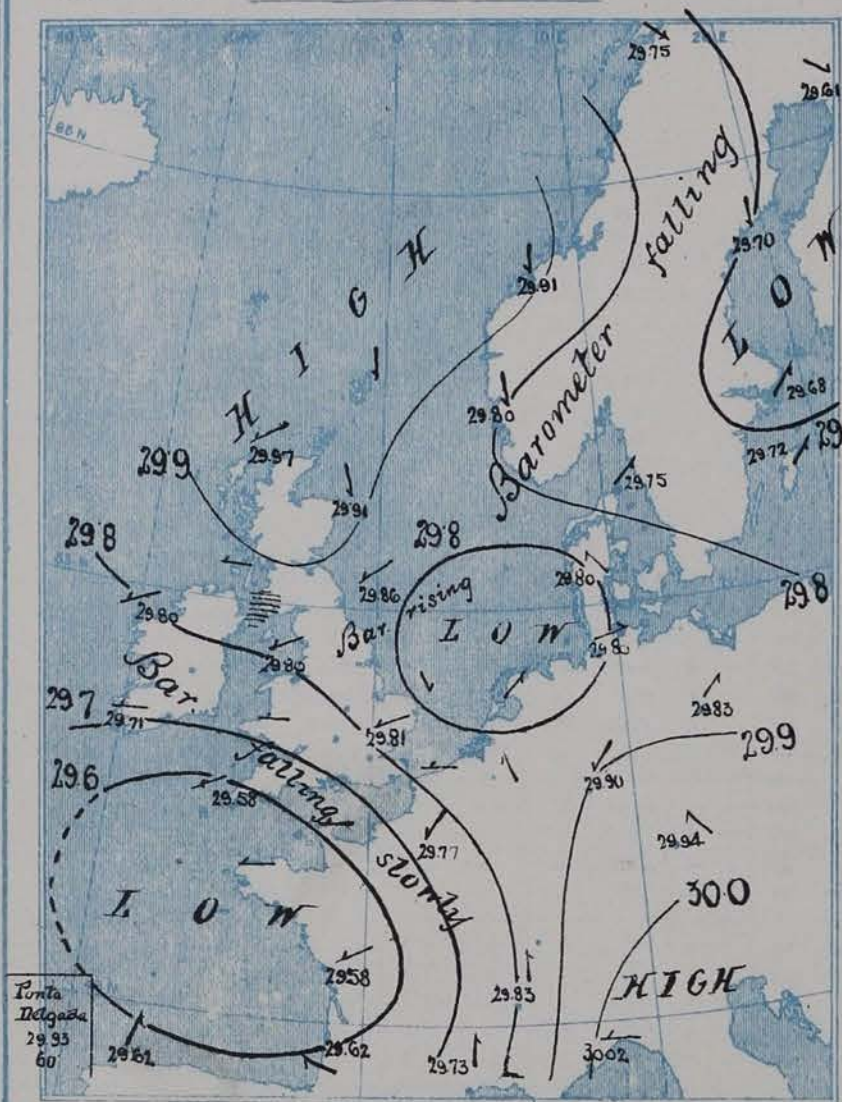
## I. BAROMETER, WIND AND SEA. This Morning.

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

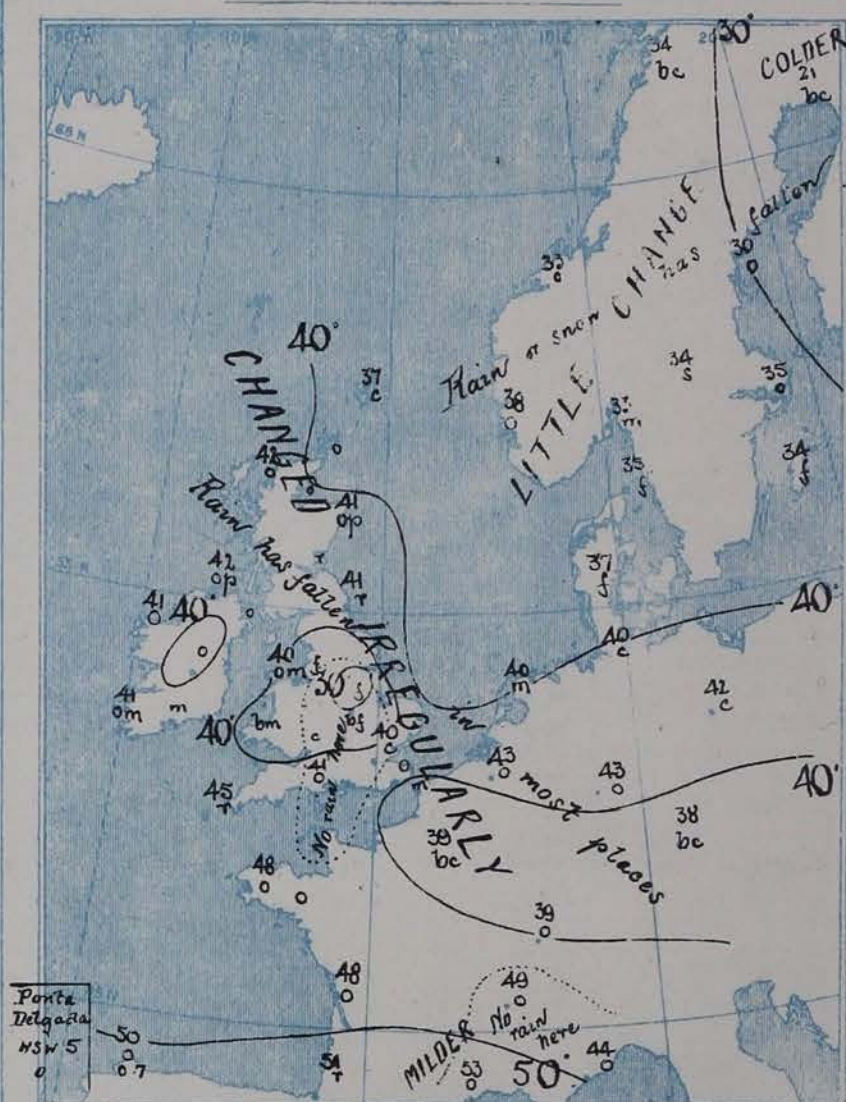


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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—0.8



## III. BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM TEMPERATURE for the monthly period March (1871-1900)



## V. Means of DAILY TEMPERATURE at 8 a.m. for the monthly period March (1871-1900)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Since yesterday, there has been very little change in barometric pressure over our Islands, but a considerable decrease over northern Europe and a decrease over the Bay of Biscay. The depression which lay over our southeastern district yesterday is now filling up over the North Sea, but a new shallow system has appeared over the Bay of Biscay and is moving northwards slowly. Readings this morning range from between 30.0 ins. and 29.9 ins. over the southeast of France and South Germany, and from 29.9 ins. and more over Scotland and the northwest of Scandinavia to between 29.5 ins. and 29.6 ins. over the Bay of Biscay and to 29.7 ins. and less over the Gulf of Bothnia.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

Wind varies greatly. It is NW<sup>3</sup> to SW<sup>2</sup> over Sweden; NE<sup>3</sup> and E<sup>3</sup> over our Islands and the north of France, W<sup>3</sup> at Lisbon, S<sup>3</sup> in the south of France, SW<sup>3</sup> and Variable over Germany; it is not strong anywhere and at some stations is very light. Temperature shows no great alteration and ranges from 54° at Lisbon, 51° at Biarritz, and 45° at Lillie to 40° on our east coast (much lower inland) to 35° at the Scars and Stockholm and 21° at Haparanda. For the British Islands the values are not much below the average except at Loughborough, where the reading (29°) is nearly 10° low. The weather is as a whole fair, but very cloudy, and Lillie and some of our northern stations report rain. fog is prevailing over Central England, bright weather at Paris. Sea is moderate at several stations, slight generally.

During the past day the maximum temperatures in our Islands were 52° at Jersey, 49° at Lillie, 48° at Valence, Rochefort and Loughborough; Perpignan had 63° and Lyons 61°. Some rain fell - mainly in the north and east (0.4 in. at Lillie) and in Spain and the west of France. The fall of snow reported at Roda seems to be excessive. Bright Sunshine was nowhere long - 4 hrs at Jersey, and 3.2 hrs at Lillie to 0.1 hr in London - at many of our stations there was none.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS \*

For the 24 hours ending at NOON on 18<sup>TH</sup> MARCH 1901

### DISTRICTS.

### FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

NONE ISSUED.

### DISTRICTS.

### FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

NONE ISSUED.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (T), 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 (T), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton on Sea	*	*	*	*	*	*	*	*	*	*	b	*	o.0	44	33	0.0	—
Newton Reigny (Penrith)	29.80	41	2 0	o	29.83	+ .06	40	39	+ 14	ENE 1	o	*	og2	43	36	0.0	0.02
Bath	29.78	35	W 1	bc	29.76	.00	40	38	+ 2	NW 1	c	*	bc	42	34	0.0	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	43	36	o, o	0.0	—	Llandudno	*	*	*	0.0	*
Hastings	*	*	*	0.0	*	Rhyl	*	*	*	*	*
Eastbourne	*	*	*	*	*	Southport	*	*	*	0.0	*
Brighton	*	*	*	*	*	Manchester, 9 p.m.	42	36	o, c, o	0.0	—
Worthing	*	*	*	0.0	*	Darwen, 9 p.m.	42	34	om, bv	0.0	—

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 16 <sup>TH</sup>	66	54	o, bc	Ins. 0.83	Algiers ... MAR. 16 <sup>TH</sup>	63	50	o, b	Ins. 0.04
Madrid	52	37	b, o	—	Tunis...	43	46	bc, bc	—
Corsica (I. Sanguinaires)	54	39	r, f	0.47	Vienna	57	43	b, o	—
Rome	61	52	bc, o	0.20	St. Petersburg...	36	10	b, b	—
Florence	61	46	o, o	0.71	Lugano ... MAR. 15 <sup>TH</sup>	36	—	r	Measured 7 a.m. 15 <sup>TH</sup> 0.47
Trieste	59	48	o, r	0.75	Davos	39	—	o	—
Brindisi...	64	45	bc, bc	—	Lucerne	52	—	o	—
Naples	61	50	b, b	—	Lausanne	43	—	o	—
Palermo	72	39	b, b	—					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain ...	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

MARCH 17 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	6.5	12.2	5.58
Greenwich ...	6.12	12.9	6.6
Wick ...	6.26	12.21	6.16
Valencia ...	6.53	12.50	6.46

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† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

Monday, 18<sup>th</sup> March,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shin. Hours	Rainfall. Ins.		
		At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.				
																				Ins.	Ins.
SCANDINAVIA.	Haparanda ...	29.85	25	W	2	b	29.78	+ .14	14	13	- 7	N	2	b	*	b	36	?	*	-	
	Hernösand ...	29.73	22	Z	0	0	29.82	+ .12	27	26	- 3	Z	0	0	*	b	39	23	*	-	
	Stockholm ...	29.73	31	WNW	2	0	29.76	+ .08	28	27	- 7	N	2	b	*	0	36	28	*	-	
	Wysby ...	29.71	35	W	4	0	29.73	+ .01	32	31	- 2	E	4	S	*	0	37	28	*	-	
	Karlstad...	29.78	32	N	2	S	29.84	+ .12	27	25	- 7	N	2	b	*	S	*	*	0.12		
	Færder (X'ania Fjord)	29.78	35	WNW	4	b	29.85	+ .12	31	27	- 2	NNE	5	b	2	b	37	30	*	-	
	Bodö ...	29.82	33	NW	4	C	29.88	+ .13	32	29	- 2	NW	4	b	2	C	41	28	*	-	
	Christiansund ...	29.96	33	NNE	2	S	30.01	+ .10	33	32	- 0	N	1	S	4	S	36	30	*	0.12	
	Skudesnaes ...	29.80	39	E	2	C	29.91	+ .11	33	29	- 5	E	2	b	1	bc.c	41	32	*	*	
	Sumburgh Head	29.95	36	NNE	2	C	29.97	+ .04	38	35	+ 1	NE	3	0	4	C	41	34	*	0.09	
BRITISH ISLANDS.	Stornoway ...	29.98	41	E	5	C	29.98	+ .01	36	34	- 6	E	3	0	3	bc.c	46	33	4.7	-	
	Malin Head ...	29.83	43	E	2	opm	29.83	- .01	39	36	- 3	E	5	bc	3	omp	44	36	*	-	
	Blacksod Pt. ...	29.74	45	ENE	5	0	29.74	- .06	42	41	+ 1	ENE	5	C	4	C.O	46	39	*	-	
	Valencia...	29.62	44	E	4	ogm	29.57	- .14	43	39	+ 2	ENE	5	om	3	0.0mg	48	40	1.3	0.02	
	Roche's Point ...	29.65	43	E	3	T	29.62	- .12	44	41	+ 2	E	5	0	4	T	44	41	*	0.15	
	Parsonstown ...	29.70	45	NE	1	0	29.70	- .07	40	39	+ 1	E	1	0	2	0	48	38	0.5	-	
	Donaghadee ...	29.81	45	E	4	Cg	29.82	- .01	39	36	- 4	E	5	b	4	C.g	45	37	*	-	
	Liverpool Obsy.	29.78	42	ENE	3	0	29.76	- .06	37	35	+ 4	ENE	3	b	?	f.om	45	33	*	-	
	Holyhead ...	29.95	43	ENE	3	0	29.74	- .06	39	37	- 1	ENE	3	C	2	0 of	46	37	*	-	
	Pembroke (St. Ann's)	29.65	45	ESE	4	C	29.59	- .14	41	40	+ 4	ENE	5	Cg	4	C	47	36	3.6	-	
GERMANY, &c.	Scilly (St. Mary's)...	29.49	46	E	6	0	29.41	- .17	45	44	0	E	6	rm	5	m.0	49	42	0.0	0.12	
	Jersey (St. Aubins)...	29.54	47	E	4	OT	29.46	- .20	44	43	0	ENE	5	omr	4	OT	48	43	0.0	0.26	
	Portland Bill ...	29.63	45	ENE	4	oam	29.53	- .20	41	40	0	ENE	4	rm	4	oam	45	40	*	0.06	
	Dungeness ...	29.68	42	NE	3	C	29.59	- .19	43	42	+ 1	E	6	0	4	bc	46	40	*	-	
	Wick ...	29.98	39	E	5	0	29.97	+ .01	39	38	- 1	E	4	oph	3	0	44	35	*	0.03	
	Nairn ...	29.96	40	E	3	C	29.95	+ .02	36	35	- 4	E	2	C	2	C	41	31	*	0.07	
	Aberdeen ...	29.94	39	NNE	3	0	29.92	+ .01	42	38	+ 1	NE	4	bcq	4	Cg.0	44	33	0.1	-	
	Leith ...	29.88	43	E	4	0	29.88	- .03	40	36	- 1	NE	5	0	*	op	42	35	*	0.01	
	North Shields ...	29.85	41	NE	2	op	29.80	- .06	39	36	- 2	NNE	2	0	3	op	45	35	*	0.03	
	Spurn Head ...	29.78	44	NE	4	0	29.74	- .08	38	36	- 2	ENE	4	bc	4	0	43	36	*	-	
FRANCE.	Yarmouth ...	29.75	41	NE	3	C	29.66	- .13	39	37	- 1	NE	6	C	5	Cf	43	37	*	0.02	
	Loughborough ...	29.78	41	NE	2	0	29.74	- .08	35	34	+ 6	NE	2	b	*	f.oma.b	41	33	*	0.01	
	Oxford ...	29.73	41	ENE	2	0	29.65	- .15	39	37	+ 5	NE	4	0	*	bc od	50	34	*	-	
	London (Brixton)	29.71	45	ENE	3	0	29.62	- .19	41	39	+ 1	NE	5	0	*	bc og	49	37	2.4	-	
	The Scaw (Skagen)	29.72	34	ENE	3	T	29.77	+ .02	33	31	- 2	ENE	4	C	1	T	37	32	*	0.08	
	Fanö ...	29.77	37	W	2	0	29.71	- .09	34	33	- 3	N	2	0	*	0	41	34	*	-	
	Cuxhaven ...	29.78	39	Z	0	f	29.67	- .13	37	37	- 3	N	2	0	*	f	43	36	*	-	
	The Helder ...	29.79	44	SW	1	0	29.65	- .12	39	36	- 1	ENE	4	0	3	0	43	39	*	-	
	Brussels...	29.80	48	W	2	bc	29.54	- .29	39	39	- 4	NE	4	T	*	0	55	38	*	0.04	
	Berlin ...	29.80	48	W	2	bc	29.63	- .20	41	39	- 1	SE	5	C	*	bc	54	37	*	-	
SPAN. PEN.	Frankfurt ...	29.72	48	SW	2	C	29.53	- .37	45	44	+ 2	NE	2	0	*	C	52	43	*	-	
	Munich ...	29.78	43	Z	0	b	29.50	- .44	36	35	- 2	SE	2	0	*	b	54	34	*	-	
	C. Gris Nez ...	29.70	44	E	3	m	29.58	- .23	40	40	0	E	5	0	5	m	49	39	*	-	
	Brest ...	29.49	43	E	2	T	29.43	- .09	46	45	0	E	1	C	2	T	52	45	*	0.12	
	Lorient ...	29.47	50	SSW	3	C	29.43	- .13	46	46	- 2	SSW	1	m	3	C	52	46	*	0.16	
	Rochefort ...	29.51	50	SW	3	T	29.43	- .15	46	46	- 2	WNW	3	C	*	T	54	43	*	0.28	
	Biarritz ...	29.60	52	WNW	2	C	29.50	- .12	48	48	- 3	SSW	3	C	4	C	57	46	*	0.12	
	Paris ...	29.63	50	SSW	2	0	29.44	- .33	45	44	+ 6	E	2	0	*	0	57	39	*	-	
	Belfort ...	29.67	45	ENE	4	0	29.47	- .39	40	39	+ 1	ENE	2	0	*	0	50	39	*	0.08	
	Lyons ...	29.66	48	SE	1	T	29.49	- .34	45	42	- 4	S	1	T	*	T	57	42	*	0.35	
Nice ...	29.80	46	NE	7	T	29.58	- .44	50	50	+ 6	SW	3	f	5	T	54	44	*	0.79		
Perpignan ...	29.60	52	WNW	2	C	29.53	- .20	44	43	- 9	W	1	b	*	0	67	41	*	0.04		
Corunna ...																					
Lisbon ...																					
Azores (P. Delgada)	29.96	61	W	5	0	29.94	+ .01	60	59	0	WNW	4	0	4	0	64	59	*	0.04		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.  
Observations received too late for insertion in Charts on next page.



# DAILY WEATHER REPORT

1081 FOR Monday, 18<sup>th</sup> March, 1901.

## I. BAROMETER, WIND AND SEA. This Morning.

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

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

Force above 10

Force 5 to 7

Force 1 to 4

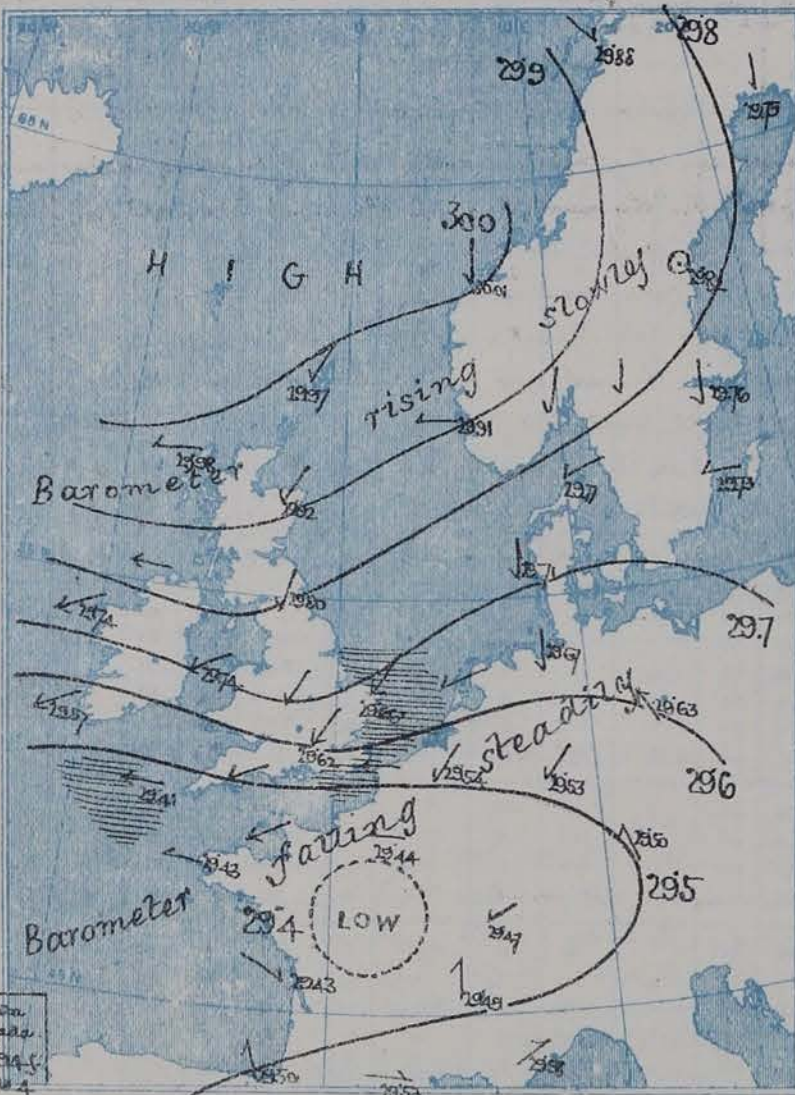
Calm

Force 8 to 10

Force 1 to 4

SEA.—Rough

High



## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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—0.8



## III. BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM TEMPERATURE for the monthly period March (1871-1900)



## V. Means of DAILY TEMPERATURE at 8 a.m. for the monthly period March (1871-1900)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Since yesterday, an increase of pressure has taken place over Scandinavia and extended in slight degree to the north of Scotland, while over all the more southern countries it has decreased - over France considerably. Fresh, but not deep, depressions have arrived over the Bay of Biscay and France, and the readings vary from 30.0 in. at Christiansund and over the north of Scotland to 29.4 in. over the Bay of Biscay and Central France.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

E<sup>3</sup> and NE<sup>3</sup> winds prevail over our Islands and the English Channel. They are strong at our southeastern and southwestern stations, and fresh in the north. In the south of France the wind is more S<sup>3</sup>, in Jersey SE<sup>3</sup>. Temperature has changed little and irregularly, and ranges from 48° at Biarritz, 45° at Scilly and 43° at Valencia to 35° at Loughborough, 28° at Stockholm and 14° at Haparanda; those in our Islands are slightly below the average. The weather is dull on all our coasts and at almost all the Channel stations and at Brussels rain is falling. The sea is rough on our southern and south coasts, moderate in the east and north. During the past twenty-four hours rainy weather has been gradually encroaching on our southern districts from the southward. At Jersey it has been raining all night, and over France there has been a considerable fall. Temperature in these Islands touched 50° at Oxford only, on our east coasts the maximum was about 43°, at Loughborough 41°. Bright Sunshine varied from 4.7 hrs at Stromway, and 3.6 hrs at Penbroke to 2.5 hrs at Rhyll and 2.4 hrs at Blandford and in London - about 1 hr on our south coast - none at Scilly or Jersey.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The NE<sup>3</sup> wind is likely to continue and to blow very strongly on our southern, south, and east coasts. Cold rain or wet snow, not in large quantity, is probable in the districts named, but dry weather in the north. Temperature is likely to be low.

## FORECASTS \*

For the 24 hours ending at NOON on 19<sup>th</sup> MARCH 1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	{ NE <sup>2</sup> winds, moderate to fresh; cold, fair, dry.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	{ NE <sup>2</sup> and E <sup>2</sup> winds, strong; dull, some cold rain or wet snow.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as N <sup>o</sup> 0 and 1.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	Same as N <sup>o</sup> 5.
9	{ IRELAND NORTH	{ E <sup>2</sup> and NE <sup>2</sup> winds, fresh or strong; cloudy, a little cold rain.
10	{ IRELAND SOUTH	

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.						PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton on Sea	*	*	*	*	*	*	*	*	*	*	*	c. 0	47 38	3.2	-
Newton Reigny (Penny)	29.84	44	2. 0	0	29.82	- .01	35	34	- 5	NNE 2	c	bc. 09	44 32	0.6	-
Bath	29.67	?	row 5	c	29.60	- .16	44	39	+ 1	NNE 5	0	c. 0	51 40	1. 0	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	42	32	b m. 0	0. 0	-	Llandudno	*	*	*	2. 4	*
Hastings	*	*	*	1. 6	*	Rhyl	*	*	*	2. 5	*
Eastbourne	*	*	*	1. 0	*	Southport	*	*	*	0. 4	*
Brighton	*	*	*	1. 2	*	Manchester, 9 p.m.	43	28	o bc	0. 0	-
Worthing	*	*	*	0. 5	*	Darwen, 9 p.m.	40	30	bc, m	0. 0	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 17 <sup>th</sup>				Ins.	Algiers ... MAR. 12 <sup>th</sup>				Ins.
Madrid					Tunis			Information	
Corsica (I. Sanguinaires)					Vienna			not arrived.	
Rome			Information		St. Petersburg				
Florence					Lugano ... MAR. 16 <sup>th</sup>	45	—	0	Measured 7 a.m. 16 <sup>th</sup> 1.50
Trieste			not		Davos	43	—	bc	0.08
Brindisi					Lucerne	48	—	bc	—
Naples			arrived.		Lausanne	45	—	0	0.08
Palermo									

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

MARCH 18 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.2	12.1	6.0
Greenwich	6.9	12.8	6.7
Wick	6.23	12.20	6.18
Valencia	6.50	12.49	6.48

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† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

Tuesday, 19<sup>th</sup> March,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Ins.	Dry Bulb.	Direc.		Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day. Ins.	Dry Bulb.	Wet Bulb.	Change since Yester- day. °	Direc.			Force (0 to 12.)	Weather.			Max.	Min.
SCANDINAVIA.		Haparanda	29.86	17	N	2	b	29.91	+ .16	21	19	+ 7	SW	2	bc	*	b	32	9	*	-	
		Hernösand	29.88	26	Z	0	b	29.86	+ .04	27	27	0	Z	0	bc	*	b	37	21	*	-	
		Stockholm	29.86	28	N	2	b	29.87	+ .11	25	24	- 3	N	2	b	*	b	37	25	*	-	
		Wisby	29.75	30	ENE	4	o	29.80	+ .07	32	31	0	E	4	b	*	o	34	27	*	0.08	
		Karlstad	29.90	29	NE	2	b	29.95	+ .11	25	?	- 2	W	2	b	*	b	*	*	*	-	
		Färder (X'ania Fjord)	29.88	34	N	4	c	29.94	+ .09	30	28	- 1	N	4	b	2	c	36	30	*	-	
		Bodö	29.86	32	WNW	5	o	29.63	- .25	35	33	+ 3	WNW	6	o	3	o	36	28	*	-	
		Christiansund	30.04	35	WNW	2	c	29.95	- .06	34	32	+ 1	W	5	s	4	c	36	32	*	-	
		Skudesnaes	29.91	35	ENE	2	b	29.99	+ .08	31	28	- 2	ENE	2	b	1	b	41	30	*	-	
BRITISH ISLANDS.		Sumburgh Head	29.98	38	NE	3	o	30.00	+ .03	41	38	+ 3	NE	3	c	4	c, o	42	34	*	0.01	
		Stornoway	29.97	41	E	4	o	30.01	+ .03	39	38	+ 3	E	4	o	4	c, o	43	34	3.4	-	
		Malin Head	29.82	42	E	5	bc	29.91	+ .08	39	35	0	E	4	c	3	c, bc	43	39	*	-	
		Blacksod Pt.	29.75	42	ENE	5	bc	29.89	+ .15	40	38	- 2	ENE	3	c	3	c, bc	44	35	*	-	
		Valencia	29.59	48	E	3	bc, cm	29.79	+ .22	37	32	- 6	ENE	2	bc, cm	3	cm, bc, cm	47	35	3.6	-	
		Roche's Point	29.64	42	E	5	bc	29.79	+ .17	39	34	- 5	ENE	4	c	4	c, bc	44	37	*	-	
		Parsonstown	29.71	40	E	1	c	29.84	+ .14	37	36	- 3	NE	1	o	*	c	46	34	4.0	-	
		Donaghadee	29.79	44	E	4	c	29.88	+ .06	39	36	0	E	4	og	4	c	44	37	*	-	
		Liverpool Obsy.	29.73	39	NE	4	c	29.77	+ .01	35	32	- 2	NNE	3	b	3	cm	43	32	*	-	
		Holyhead	29.71	41	ENE	4	bc	29.79	+ .05	38	35	- 1	ENE	4	bc	3	c, bc	42	35	*	-	
		Pembroke (St. Ann's)	29.58	42	E	5	c	29.70	+ .11	37	34	- 4	ENE	4	bc	4	c	46	34	3.6	-	
		Scilly (St. Mary's)	29.46	45	E	5	orm	29.58	+ .17	39	33	- 6	NE	6	c	5	m, orm	47	33	0.0	0.12	
		Jersey (St. Aubins)	29.45	44	NE	6	orm	29.46	00	40	38	- 2	NE	6	og	5	orm	45	39	0.0	0.24	
		Portland Bill	29.55	41	NE	4	c	29.57	+ .02	36	34	- 5	NNE	4	c	4	c	44	33	*	0.01	
		Dungeness	29.51	40	ENE	6	c	29.47	- .12	38	37	- 5	NE	6	c	4	bc, c, r, sp	43	36	*	0.02	
		Wick	29.96	38	E	4	o	30.02	+ .05	38	37	- 1	E	4	chp	3	o	42	34	*	0.04	
		Nairn	29.94	40	E	4	o	29.98	+ .03	35	34	- 1	E	2	o	2	hrs, c	42	32	*	0.09	
		Aberdeen	29.91	38	NNE	4	c	29.95	+ .03	42	37	0	ENE	4	bc, og	3	bc, og, c	43	34	2.4	0.03	
		Leith	29.86	41	NE	3	o	29.89	+ .01	38	36	- 2	NNE	4	orsp	*	o	43	35	*	0.05	
		North Shields	29.80	40	NE	3	c	29.87	+ .01	36	34	- 3	NE	2	crsp	4	bc, hrs	44	33	*	0.04	
		Spurn Head	29.71	38	NE	6	c, og, sp	29.67	- .07	37	35	- 1	ENE	7	c, og, sp	6	c, og, sp	43	33	*	0.01	
		Yarmouth	29.61	39	NE	7	c	29.56	- .10	38	36	- 1	NE	7	c, og	6	bc, hrs, c	41	34	*	0.02	
		Loughborough	29.70	38	NE	4	c	29.69	- .05	34	32	- 1	NNE	3	bc	*	c, bc, os	43	32	*	0.01	
		Oxford	29.64	37	NE	4	o	29.62	- .03	37	33	- 2	NE	3	bc	*	o	42	34	*	-	
		London (Brixton)	29.59	40	ENE	5	o	29.57	- .05	37	34	- 4	NE	4	c	*	og, o	42	35	0.0	-	
GERMANY, &c.		The Scaw (Skagen)	29.87	34	ENE	4	b	29.88	+ .11	31	30	- 2	ENE	4	b	1	b	36	30	*	-	
		Fanö	29.68	34	NE	4	o	29.70	- .01	30	30	- 4	NE	5	s	*	o	37	30	*	0.04	
		Cuxhaven	29.56	39	NNE	4	o	29.55	- .12	35	35	- 2	ENE	5	r	*	o	41	34	*	0.04	
		The Helder	29.58	37	NE	5	o	29.50	- .15	37	36	- 2	ENE	5	o	6	o	39	36	*	-	
		Brussels	*	*	*	*	*	29.39	- .15	33	33	- 6	NNE	4	s	*	r	41	32	*	0.43	
		Berlin	29.45	45	NE	2	r	29.51	- .12	42	42	+ 1	SE	2	f	*	r	50	41	*	0.08	
		Frankfurt	29.44	47	NE	2	r	29.38	- .15	42	41	- 3	E	2	o	*	r	50	41	*	0.16	
		Munich	29.43	44	W	2	b	29.33	- .17	40	39	+ 4	SE	2	o	*	b	54	36	*	-	
FRANCE.		C. Gris Nez	29.50	40	ENE	5	o	29.48	- .10	37	35	- 3	ENE	6	o	5	o	43	34	*	-	
		Brest	29.40	46	ENE	3	r	29.43	00	40	40	- 6	NE	3	o	2	r	52	39	*	0.08	
		Lorient	29.38	48	NNE	3	o	29.37	- .06	41	41	- 5	NNE	5	o	5	o	57	39	*	0.08	
		Rochefort	29.35	52	WNW	2	c	29.21	- .22	44	43	- 2	NE	3	o	*	c	57	39	*	-	
		Barnitz	29.36	51	S	4	r	29.21	- .29	47	46	- 1	Z	0	r	2	clr	57	45	*	0.43	
SPAN. PEN.		Paris	29.39	45	NNE	3	o	29.35	- .09	37	36	- 8	N	4	o	*	o	51	37	*	0.16	
		Belfort	29.36	47	WSW	3	o	29.25	- .22	39	37	- 1	NE	3	c	*	o	52	38	*	-	
		Lyons	29.43	50	S	1	o	29.19	- .30	42	42	- 3	NNW	3	r	*	o	56	42	*	0.24	
		Nice	29.51	48	SE	4	r	29.11	- .47	45	45	- 5	ENE	8	r	6	r	55	45	*	0.95	
		Perpignan	29.34	53	SE	2	o	29.03	- .50	45	44	+ 1	NW	4	r	*	o	62	43	*	1.30	
		Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
		Lisbon	29.34	54	WSW	6	o	29.41	+ .05	50	47	- 4	WNW	4	c	*	o	59	46	*	0.16	
		Azores (P. Delgada)	29.98	59	N	4	c	30.02	+ .08	57	53	- 3	N	1	c	2	c	64	54	*	-	

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

\* Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR *Tuesday, 19<sup>th</sup> March, 1901.*

## I. BAROMETER, WIND AND SEA. *This Morning.*

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

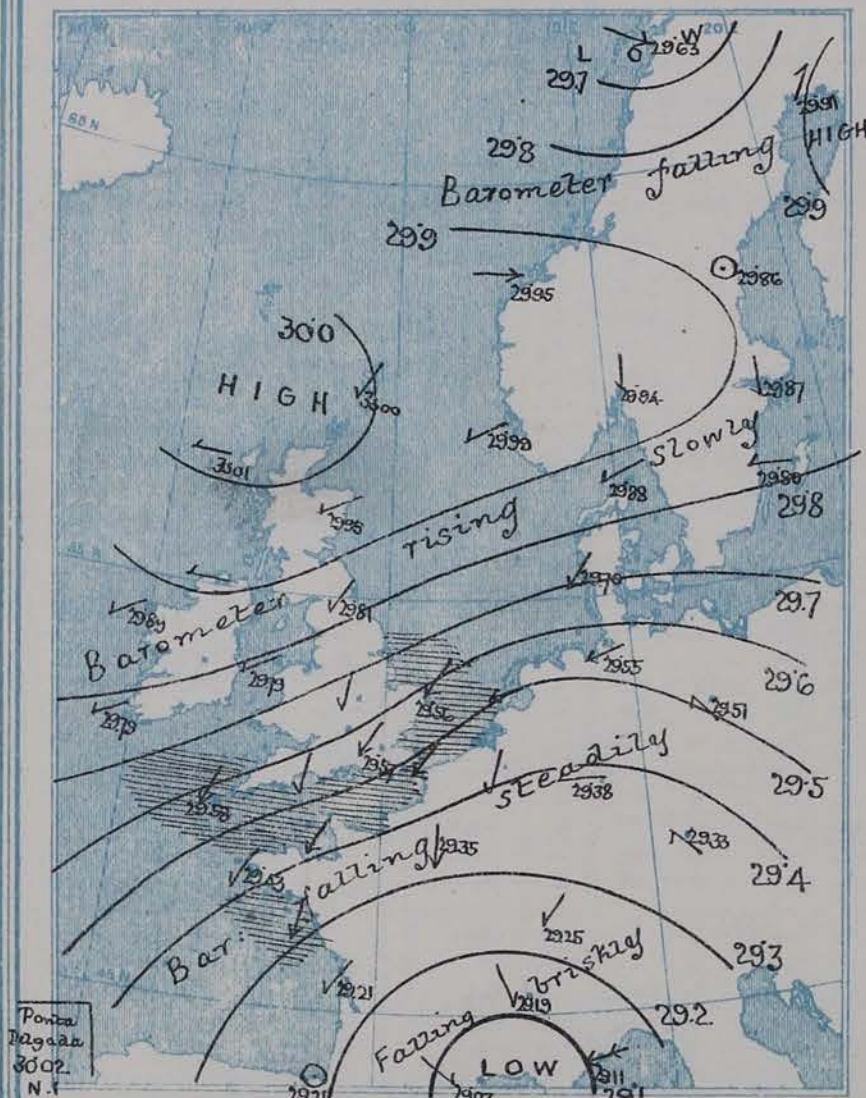
Calm

Force 8 to 10

Force 1 to 4

SEA.—Rough

High

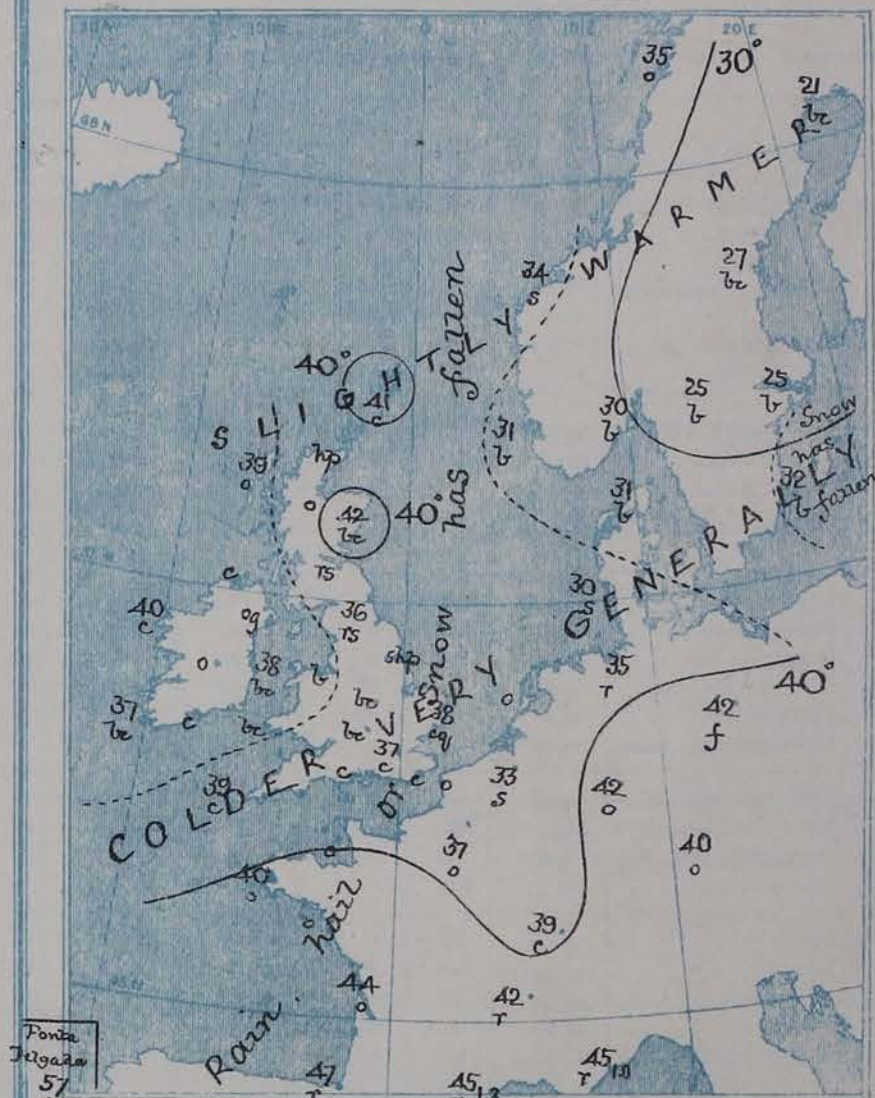


## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

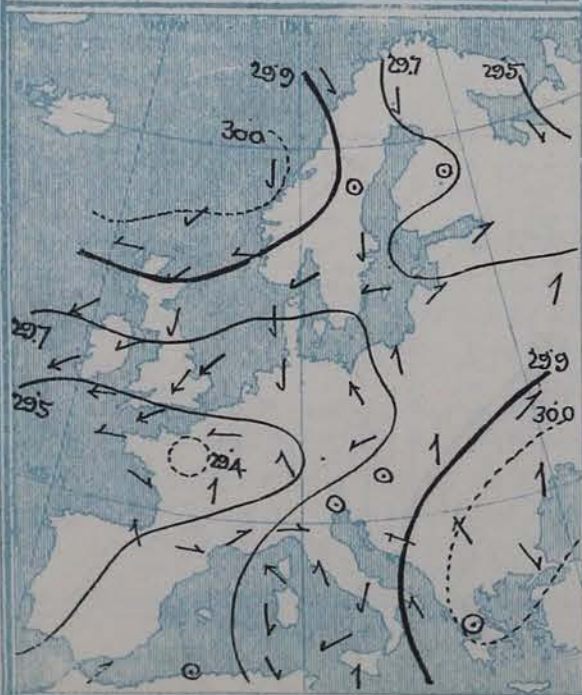
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



## III. BAROMETER AND WIND

*Yesterday morning.*



## IV. Means of DAILY MINIMUM

TEMPERATURE for the monthly period March (1871-1900)



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the monthly period March (1871-1900)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

An anticyclone with readings above 30.0 ins. still lies off our N.W. coasts, and the barometer is rising in the W. and N. of our Islands generally. The shallow depressions noticed yesterday over France and the Bay of Biscay have apparently been merged in a more clearly defined system, the centre of which now lies over the Gulf of Lions, where the barometer has fallen below 29.1 ins. The mercury is still falling in France and Germany, but not quickly.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

NE winds are prevalent over nearly the whole of W. Europe and blow with the force of a moderate gale on the E. coasts of England; a fresh gale is reported at Nice. In Germany the wind is light from the SE, while in the W. of Norway it is fresh to strong from the W. Temperature has fallen in most places and is now below the normal at all but our extreme N. stations; over England and Ireland the readings are nearly all below 40°, the lowest reported being 32° at Newton Keynes (Perth) and 34° at Loughborough. Frost prevails in Scandinavia and Denmark, the thermometer being as low as 21° at Haparanda and 25° at Stockholm and Karlstad. The weather is fine at many of our own W. and central stations as well as in Sweden and the S. of Norway. Elsewhere it is cloudy or dull, with rain in the S. of France, hail and sleet showers on the E. coasts of St. Britain, and snow at Brussels, Fribourg and Christiansund. The sea is rough off the E. of England and at Nice and rather rough in the Channel, moderate or slight elsewhere.

During yesterday the thermometer in these Islands remained below 45° at all but our S.W. stations, in many parts of the Kingdom it rose very little above 40°. Frost occurred last night at some of our N. and central stations. The amount of Bright Sunshine recorded yesterday was small in the S. (in some places there was none) but somewhat larger in the W. and N., the largest amount reported being 5.5 hrs at Southampton. Slight rain or sleet fell in many parts of St. Britain and heavy rain in the S. of France.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone in the N. is apparently beginning to move in a S.W. direction and depressions are approaching the N. of Scandinavia from the W. The depression off the S. of France seems likely to move E. but there is still a tendency for an increase in the gradient over the S. and E. of England, so that the NE. wind will probably blow with greater strength even than it does at present.

## FORECASTS\*

For the 24 hours ending at NOON on 20<sup>TH</sup> MARCH 1901

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0 SCOTLAND  
NORTH

NE winds, moderate or fresh, changeable, some hail or sleet showers.

1 SCOTLAND  
EAST

2 ENGLAND  
N.E.

NE winds, strong to a gale; squally, with hail or sleet showers.

3 ENGLAND  
EAST

4 MIDLAND  
COUNTIES

NE winds, moderate, fair at first, some cold showers later.

5 ENGLAND  
SOUTH

NE winds, strong, a gale on coasts, squally, hail or sleet showers in places.

6 SCOTLAND  
WEST

E. and NE winds, moderate, fair generally.

7 ENGLAND  
N.W.

8 ENGLAND  
S.W.

NE winds, strong, fair generally.

9 IRELAND  
NORTH

10 IRELAND  
SOUTH

Same as Nos 6 and 7.

### WARNINGS

At 7.30 pm yesterday to districts 3, 5 and part of S. Coast 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.		Sun- shine. Hrs.	Rainfall Ins.
Cleaton on Sea	*	*	*	*	*	*	*	*	*	c	*	c, c	41	35	1.2	—
Newton Reigny (Penrith)	29.80	35	ENE 4	c	29.82	00	32	31	— 3	NW 1	c	c	42	27	2.8	0.01
Bath	29.60	42	NNE 6	o	29.61	+ .01	37	32	— 4	E 4	c	o	44	35	0.1	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	41	34	c, os, c	1.4	—	Llandudno	*	*	*	3.4	*
Hastings	*	*	*	1.0	*	Rhyl	*	*	*	0.5	*
Eastbourne	*	*	*	1.0	*	Southport	*	*	*	5.5	*
Brighton	*	*	*	2.5	*	Manchester, 9 p.m.	44	36	b, bc, o	3.5	—
Worthing	*	*	*	3.3	*	Darwen, 9 p.m.	41	34	c, c, ov	3.9	—

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 18 <sup>th</sup>	66	57	c, c	Ins.	Algiers ... MAR. 18 <sup>th</sup>	79	55	c, o	Ins.
Madrid	—	—	—	—	Tunis	79	54	bc, o	—
Corsica (I. Sanguinaires)	63	45	m, f	0.99	Vienna	52	36	b, f	—
Rome	61	50	b, o	—	St. Petersburg	34	27	b, f	—
Florence	61	48	o, r	0.51	Lugano ... MAR. 17 <sup>th</sup>	1 p.m.	—	Information	Measured 7 a.m. 17 <sup>th</sup>
Trieste	55	46	b, r	0.04	Davos	—	—	not arrived.	—
Brindisi	68	50	b, bc	—	Lucerne	—	—	—	—
Naples	61	50	b, c	—	Lausanne	—	—	—	—
Palermo	66	45	b, f	—					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

MARCH 19, 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.0	12.1	6.2
Greenwich	6.7	12.8	6.9
Wick	6.20	12.20	6.20
Valencia	6.48	12.49	6.50

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 „ Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

Wednesday, 20<sup>th</sup> March,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOUR.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Max.	Min.								
Ins.				Ins.	Ins.	°	°														
SCANDINAVIA.	Haparanda ...	29.49	26	Z	0	0	29.66	- 25	19	?	- 2	NW	2	bc	0	30	16	*	-		
	Hernösand ...	29.63	34	H	2	0	29.89	+ 03	28	27	+ 1	H	6	b	0	39	?	*	-		
	Stockholm ...	29.89	28	Z	0	b	29.88	+ 01	32	29	+ 7	H	2	0	b	37	21	*	-		
	Wisby ...	29.88	28	H	4	b	29.88	+ 08	30	29	- 2	E	4	b	b	36	25	*	-		
	Karlstad...	29.90	31	NSW	2	b	29.97	+ 02	30	29	+ 5	NNE	2	b	b	36	25	*	-		
	Färder (X'ania Fjord)	29.89	35	H	1	b	29.98	+ 04	32	30	+ 2	NNE	4	b	b	36	30	*	-		
	Bodö ...	29.77	31	NW	6	bc	29.99	+ 36	30	26	- 5	H	4	b	bc	37	27	*	-		
	Christiansund ...	29.94	37	H	2	r	30.12	+ 17	35	33	+ 1	E	1	c	r	37	34	*	0.08		
	Skudesnaes ...	29.94	35	NNE	4	b	30.03	+ 04	30	27	- 1	NE	2	b	b	39	28	*	-		
BRITISH ISLANDS.	Sumburgh Head	30.02	39	NNE	2	c	30.07	+ 07	38	36	- 3	NNE	1	c	3	44	34	*	0.02		
	Stornoway ...	30.05	43	ENE	5	c	30.09	+ 08	43	41	+ 4	ENE	5	0	5	45	35	7.4	-		
	Malin Head ...	29.94	41	E	3	c	29.96	+ 05	40	39	+ 1	NE	5	c	4	41	38	*	-		
	Blacksod Pt. ...	29.92	42	ENE	4	c	29.96	+ 07	40	38	0	ENE	4	c	3	42	38	*	-		
	Valencia...	29.85	42	ENE	2	c	29.85	+ 06	36	33	- 1	NE	3	b	3	44	34	3.2	-		
	Roche's Point ...	29.82	42	ENE	4	bc	29.80	+ 01	38	35	- 1	NNE	4	bc	4	45	35	*	-		
	Parsonstown ...	29.87	39	NNE	1	c	29.87	+ 03	35	33	- 2	H	1	e	c	43	34	1.7	-		
	Donaghadee ...	29.89	42	E	4	0	29.93	+ 05	40	38	+ 1	E	4	ev	4	42	37	*	-		
	Liverpool Obsy.	29.76	36	NNE	5	0	29.80	+ 03	37	33	+ 2	NE	4	0	4	42	35	*	-		
GERMANY, &c.	Holyhead ...	29.80	39	NE	5	cprs	29.80	+ 01	39	36	+ 1	NE	5	c	4	bc prs	40	35	*	-	
	Pembroke (St. Ann's)	29.70	39	NE	6	c	29.66	- 04	36	35	- 1	NNE	5	rsg	4	c.rsg	47	34	4.4	0.22	
	Scilly (St. Mary's)...	29.62	42	NNE	6	0	29.55	- 03	39	38	0	NNE	7	r	4	c.0	45	33	1.3	0.04	
	Jersey (St. Aubins)...	29.49	42	NNE	5	cq	29.47	+ 01	40	39	0	NW	3	omr	3	bcqph	44	38	1.8	0.04	
	Portland Bill ...	29.55	39	NNE	5	bcq	29.53	- 04	36	36	0	NE	4	rm	3	cbeq	43	34	*	0.14	
	Dungeness ...	29.40	39	NE	6	op	29.44	- 03	39	39	+ 1	NE	7	pqr	6	r.op	42	37	*	0.03	
	Wick ...	30.06	39	E	4	0	30.06	+ 04	40	39	+ 2	E	3	0	3	0	44	35	*	0.25	
	Nairn ...	30.01	40	E	2	c	30.05	+ 07	38	37	+ 3	E	2	r	2	c	42	34	*	0.09	
	Aberdeen ...	29.97	39	NE	4	cq	30.04	+ 09	40	37	- 2	NE	4	cq	4	cq.pq	43	35	2.0	0.02	
FRANCE.	Leith ...	29.91	40	E	3	0	29.97	+ 08	39	37	+ 1	ENE	4	op	*	43	36	*	0.10		
	North Shields ...	29.84	38	NNE	4	0	29.89	+ 08	39	35	+ 3	NE	3	0	4	r.p.0	41	34	*	0.01	
	Spurn Head ...	29.60	35	NE	8	s	29.73	+ 06	39	38	+ 2	NNE	6	c	6	s	42	35	*	0.03	
	Yarmouth ...	29.47	37	NE	8	rgu	29.53	+ 02	39	37	+ 1	NE	9	oqu	6	rg.s.p	39	34	*	0.17	
	Loughborough ...	29.66	36	NNE	4	0	29.71	+ 02	36	35	+ 2	NE	5	oq	*	c.o.s.q	39	32	*	0.53	
	Oxford ...	29.57	34	NNE	5	s	29.60	- 02	38	36	+ 1	NE	5	rg	*	bc.s.r	41	33	*	0.24	
	London (Brixton)	29.50	38	NE	5	rg	29.55	- 02	38	37	+ 1	ENE	5	gr	*	bc.q.h.r	43	35	1.2	0.33	
	The Scaw (Skagen)	29.89	33	ENE	2	b	29.93	+ 05	33	33	+ 2	NE	1	b	0	b	36	30	*	-	
	Fanö ...	29.78	33	NE	6	0	29.80	+ 10	31	31	+ 1	NE	5	c	*	0	36	30	*	0.12	
SPAN. PEN.	Cuxhaven ...	29.57	36	E	6	0	29.65	+ 10	34	33	- 1	ENE	6	0	*	0	39	32	*	-	
	The Helder ...	29.47	39	ENE	6	0	29.56	+ 06	37	36	0	ENE	8	0	7	0	39	36	*	0.08	
	Brussels...	*	*	*	*	*	29.38	- 01	37	37	+ 4	NE	4	r	*	s	43	33	*	0.04	
	Berlin ...	29.49	42	E	5	0	29.49	- 02	38	37	- 4	NE	4	0	*	0	45	37	*	0.04	
	Frankfurt ...	29.22	47	NE	6	0	29.29	- 09	43	41	+ 1	NE	4	c	*	0	57	42	*	-	
	Munich ...	29.15	54	SE	5	bc	29.17	- 16	45	41	+ 5	SE	1	0	*	bc	63	40	*	-	
	C. Gris Nez ...	29.53	41	NE	2	0	29.56	+ 13	39	36	- 1	NNE	2	0	2	0	46	36	*	-	
	Brest ...	29.49	42	NNE	5	c	?	?	38	32	- 3	?	4	c	4	c	45	36	*	-	
	Lorient ...	29.29	45	NE	4	0	29.45	+ 24	41	39	- 3	NNE	4	0	*	0	52	39	*	-	
SPAN. PEN.	Biarritz ...	29.37	50	NNE	5	c	29.55	+ 34	47	42	0	H	4	c	4	c	52	39	*	-	
	Paris ...	29.30	39	H	4	0	29.32	- 03	42	42	+ 5	NNE	3	0	*	0	42	37	*	0.04	
	Belfort ...	29.05	47	Z	0	m	29.17	- 08	40	40	+ 1	Z	0	f	*	m	53	39	*	-	
	Lyons ...	29.12	47	H	1	0	29.21	+ 02	38	36	- 4	NNE	6	r	*	0	49	37	*	0.20	
	Nice ...	29.15	48	ENE	6	r	28.95	- 16	47	43	+ 2	E	3	c	5	r	52	41	*	2.17	
SPAN. PEN.	Perpignan ...	29.08	44	NW	4	0	29.30	+ 27	44	40	- 1	?	2	f	*	0	52	43	*	0.63	
	Corunna ...	29.69	52	NNE	4	0	29.79	+ 38	54	52	+ 4	N	4	c	*	0	59	50	*	-	
SPAN. PEN.	Lisbon ...	29.34	61	SSW	6	c	29.64	- 38	59	54	+ 2	SSW	6	bc	7	c	64	57	*	0.04	
SPAN. PEN.	Azores (P. Delgada)																				

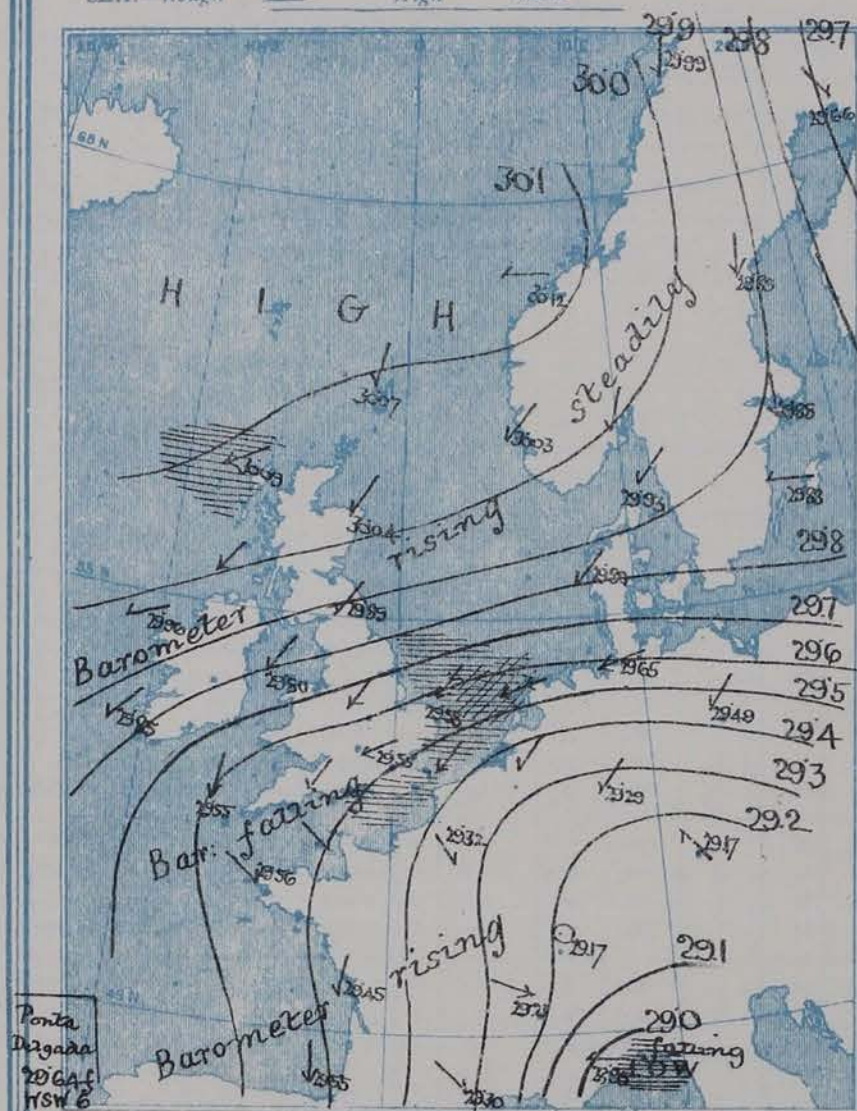
NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

† Observations received too late for insertion in Charts on next page.



FOR Wednesday, 20<sup>th</sup> March, 1901.

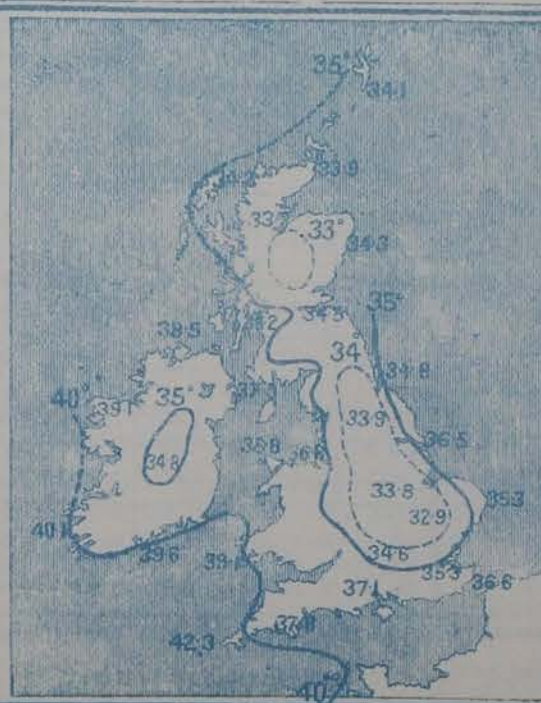
## High



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)



V. Means of DAILY TEMPERATURE  
at 8 a.m. for the monthly period  
March. (1871-1900)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The anticyclone noticed yesterday, to the northward of our Islands has extended in all directions, the highest readings, 30.1 in. and upwards, being now reported in the west of Norway. The complete depression over France has in the meantime travelled eastwards, its centre with reading below 29.0 in., being situated this morning over the Gulf of Genoa. Owing to these changes the barometer has risen generally, but at the English Channel stations it is falling again, the fall being due apparently to the development of a small secondary depression in that region.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

NE winds are still reported over nearly the whole of Western Europe, and blow with the force of a gale on the south and east coasts of England and also in Holland. In France the winds, which is generally moderate in force, draws into N. or NW. Temperature has risen slightly in most places, but over Ireland, England, and the neighbouring parts of the Continent it is still rather low for the time of year, the morning readings being mostly below 40°; at Loughborough the thermometer stands at 36° and at Portsmouth at 35°. Light frost prevails in many parts of Scandinavia and Denmark. The weather is cloudy or dull over Great Britain, France, Germany, and the Netherlands, with rain all over the south of England as well as in isolated parts of Scotland, France and Belgium. In Ireland however, the weather is fair, and in Scandinavia it is fine and bright. The sea is rough on the east and southeast coasts of England, and high at the Helder, but moderate or slight elsewhere.

During yesterday the thermometer remained below 45° over nearly the whole of the United Kingdom; at Loughborough and Yarmouth it did not exceed 39°. The amount of Bright Sunshine was small generally, but somewhat large in the northwest and extreme north; at Stromsøy there was as much as 7.4 hours. Rain, hail or sleet fell in most parts of Great Britain France and Germany, the amount at Nîmes being as much as 2.17 in.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any decided change in the weather. The anticyclone in the north is extending slowly southwards, but the movement will probably be arrested temporarily, by the depression which is forming over the English Channel. Cold and very unsettled weather is still probable over England, with gales on many parts of our south and east coasts.

## FORECASTS\*

For the 24 hours ending at NOON on 21<sup>st</sup> March

1901

### DISTRICTS.

### FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

NE winds, moderate or fresh; cloudy, some showers.

NE winds, strong, a gale in places; squally, with cold rain or sleet.

### DISTRICTS.

### FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Same as Nos 0 to 2.

Same as Nos 3 to 5

NE winds, freshening; fair at first, rain or sleet later.

### WARNINGS

At 10.20 am to part of district 8 "Hoist North Cone". It is still flying in districts 3, 5, and the remainder of 8.

Note.—The South Cone, point downwards (T), 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 (T), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.						PAST 24 HOURS.			
	Bar.	Temp.	Wind.	Weather.	Barometer.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.	Sun-
	Ins.	°			Ins. Change.	Dry.	Wet.	Change.					Max. Min.	shine.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	vg	*	c, r	40 35	2.5 0.18
Newton Reigny (Penrith)	29.83	35	E 16	bc	29.87	+0.5	36	34	+4	NE 4	bc	cp 3	38 32	0.3 0.02
Bath	29.59	35	N 6	S	29.51	-0.4	38	37	+1	NE 6	r	c, S	42 33	3.2 0.20

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	39	32	c, sp	0.1	-	Llandudno	*	*	*	6.1	*
Hastings	*	*	*	2.9	*	Rhyl	*	*	*	5.8	*
Eastbourne	*	*	*	4.8	*	Southport	*	*	*	6.3	*
Brighton	*	*	*	2.5	*	Manchester, 9 p.m.	40	33	bc os	1.0	-
Worthing	*	*	*	4.4	*	Darwen, 9 p.m.	38	29	c, s, q, o	4.4	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR 19 <sup>th</sup>	72	63	b, c	Ins.	Algiers ... MAR 19 <sup>th</sup>	64	55	r, r	Ins.
Madrid	-	-	-	-	Tunis	75	59	c, o	-
Corsica (I. Sanguinaires)	54	37	f, r	0.35	Vienna	59	39	c, o	-
Rome	59	57	o, o	-	St. Petersburg	34	? 23	o, bc	0.04
Florence	57	48	r, o	1.50	Lugano ... MAR 18 <sup>th</sup>	41	-	r	Measured 7 a.m. 18 <sup>th</sup> 1.14
Trieste	55	50	r, o	1.02	Davos	43	-	o	-
Brindisi	66	50	o, o	-	Lucerne	52	-	bc	-
Naples	63	55	b, o	-	Lausanne	43	-	b	-
Palermo	-	-	-	-					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

MARCH 20 <sup>th</sup> 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.58	12.1	6.3
Greenwich	6.5	12.8	6.10
Wick	6.18	12.20	6.21
Valencia	6.46	12.49	6.51

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 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

Thursday, 21<sup>st</sup> March,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9)	Weather.	TEMP.		Sun- shine Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)			Max.	Min.				
																				Ins.	Ins.
SCANDINAVIA.	Haparanda	29.95	24	NNW	4	b	30.01	+ 35	12	11	- 7	Z	0	b	*	b	30	10	*	-	
	Hernösand	30.06	28	Z	0	b	30.16	+ 27	16	15	- 12	Z	0	b	*	b	37	216	*	-	
	Stockholm	30.08	27	Z	0	b	30.15	+ 27	27	24	- 5	N	2	b	*	b	36	25	*	-	
	Wisby	30.00	30	NNE	4	b	30.07	+ 19	31	28	+ 1	NE	4	b	*	b	36	21	*	-	
	Karlstad	30.12	29	N	2	b	30.19	+ 22	23	20	- 7	N	4	b	*	b	*	*	*	-	
	Färder (X'ania Fjord)	30.15	35	NNE	4	b	30.22	+ 34	29	27	- 3	N	4	b	2	b	37	28	*	-	
	Bodö	30.09	30	N	2	b	29.97	- 02	33	32	+ 3	SW	6	o	3	b	37	27	*	-	
	Christiansund	30.20	37	ENE	1	o	30.21	+ 04	35	31	0	SSW	3	o	4	o	39	34	*	-	
BRITISH ISLANDS.	Skudesnaes	30.10	36	Z	0	b	30.21	+ 18	36	32	+ 6	S	4	b	2	b	43	230	*	-	
	Sumburgh Head	30.15	40	NE	1	c	30.23	+ 16	40	38	+ 2	N	1	b	3	O.C.	43	34	*	0.01	
	Stornoway	30.12	43	ESE	5	c	30.23	+ 14	37	35	- 6	E	4	c	4	c	46	34	7.5	-	
	Malin Head	29.98	43	E	5	c	30.11	+ 15	41	40	+ 1	E	5	b	4	bcc	45	39	*	-	
	Blacksod Pt.	29.92	44	ENE	5	bc	30.05	+ 09	39	38	- 1	ENE	4	bc	3	bc	44	36	*	-	
	Valencia	29.78	46	NE	4	b	29.88	+ 03	39	35	+ 3	ENE	5	o	4	bcb	47	35	10.0	-	
	Roche's Point	29.77	48	NE	5	bc	29.86	+ 06	41	38	+ 3	ENE	5	c	*	bcc	48	37	*	-	
	Parsonstown	29.84	43	ENE	1	c	29.96	+ 09	39	37	+ 4	NE	1	o	*	c	47	34	8.2	-	
GERMANY, &c.	Donaghadee	29.93	44	E	5	bc	30.09	+ 16	41	37	+ 1	ESE	5	bc	4	bc	45	38	*	-	
	Liverpool Obsy.	29.83	39	NE	5	o	29.99	+ 19	38	35	+ 1	NE	6	bc	2	o	44	36	*	-	
	Holyhead	29.81	41	NE	5	om	29.96	+ 16	39	35	0	NE	6	c	5	om	42	35	*	-	
	Pembroke (St. Ann's)	29.67	43	NE	6	o	29.79	+ 13	40	37	+ 4	NE	7	bcc	5	o	43	35	0.5	0.05	
	Scilly (St. Mary's)	29.57	40	NE	6	r	29.59	+ 04	38	37	- 1	ENE	6	r	5	OT	43	36	0.0	0.82	
	Jersey (St. Aubins)	29.50	42	NE	3	ogmr	29.61	+ 14	40	39	0	E	5	omr	4	ogrm	43	40	0.0	0.19	
	Portland Bill	29.55	38	NE	5	r	29.69	+ 16	36	36	0	ENE	6	s	5	r	39	33	*	1.17	
	Dungeness	29.46	41	ENE	7	ogf	29.70	+ 26	38	37	- 1	E	8	og	6	r f.g.	41	37	*	0.14	
FRANCE.	Wick	30.15	40	E	3	c	30.25	+ 19	40	38	0	E	2	c	2	c	45	36	*	0.05	
	Nairn	30.11	41	E	2	c	30.24	+ 19	38	37	0	E	1	o	1	c	44	34	*	0.01	
	Aberdeen	30.10	40	ENE	4	cgg	30.23	+ 19	40	37	0	NE	3	c	3	bcc g.p.	44	37	4.3	0.03	
	Leith	30.02	40	ENE	4	o	30.18	+ 21	41	39	+ 2	NE	4	c	*	o	44	37	*	0.02	
	North Shields	29.95	40	NE	4	o	30.11	+ 22	40	37	+ 1	NE	3	o	4	o	42	37	*	-	
	Spurn Head	29.77	39	NE	7	bc	29.95	+ 22	40	38	+ 1	NE	6	bc	6	bc	43	37	*	-	
	Yarmouth	29.63	39	NE	8	c g g	29.85	+ 27	37	35	- 2	ENE	8	c g g	6	c g g	40	35	*	-	
	Loughborough	29.76	39	NE	5	c	29.94	+ 23	38	34	+ 2	ENE	5	c g	*	o.c.bcc	42	35	*	-	
SPAN. PEN.	Oxford	29.67	37	NE	7	bc	29.84	+ 24	37	34	- 1	NE	5	og	*	o.bcc	41	35	*	-	
	London (Brixton)	29.59	41	ENE	5	o	29.80	+ 25	38	36	0	ENE	5	o	*	g p q. o	42	36	0.0	0.14	
	The Scaw (Skagen)	30.06	35	ENE	2	b	30.15	+ 22	31	29	- 2	E	3	b	0	b	39	30	*	-	
	Fanö	29.95	33	NE	4	b	30.05	+ 25	29	27	- 2	NE	2	b	*	b	41	28	*	-	
	Cuxhaven	29.74	36	ENE	6	b	29.89	+ 24	31	30	- 3	ENE	6	b	*	b	39	30	*	-	
	The Helder	29.64	38	ENE	8	b	29.84	+ 28	34	31	- 3	ENE	7	b	8	b	39	34	*	-	
	Brussels	*	*	*	*	*	29.72	+ 34	33	30	- 4	NE	5	o	*	b	39	31	*	-	
	Berlin	29.54	37	ENE	5	o	29.60	+ 11	32	30	- 6	N	6	r	*	o	38	30	*	-	
SPAN. PEN.	Frankfurt	29.34	41	NE	6	o	29.51	+ 22	32	32	- 11	NNE	4	s	*	o	48	32	*	0.35	
	Munich	29.04	48	SW	5	c	29.28	+ 11	32	31	- 18	W	7	s	*	c	56	32	*	-	
	C. Gris Nez	29.48	39	E	7	o	29.68	- 06	36	35	0	E	6	o	6	o	43	34	*	0.20	
	Brest	29.52	42	N	1	o	29.50	- 06	39	38	0	E	1	c	2	o	46	37	*	-	
	Lorient	29.54	46	ENE	4	c	29.51	- 03	40	39	+ 2	ESE	3	c	5	c	48	38	*	0.04	
	Rocheport	29.53	46	W	4	c	29.55	+ 10	41	39	0	WSW	3	c	*	c	48	37	*	-	
	Biarritz	29.68	48	W	4	o	29.62	+ 07	44	41	- 3	SSE	3	o	3	o	50	44	*	0.04	
	Paris	29.41	41	N	2	o	29.58	+ 26	38	38	- 4	NNE	2	o	*	o	47	38	*	0.08	
SPAN. PEN.	Belfort	29.17	42	WSW	3	r	29.47	+ 30	34	34	- 6	WSW	3	r	*	r	47	33	*	0.79	
	Lyons	29.39	37	W	4	r	29.63	+ 42	36	35	- 2	S	1	o	*	r	39	35	*	0.32	
	Nice	29.10	48	S	1	c	29.24	+ 29	46	42	- 1	Z	0	b	3	c	55	43	*	0.24	
	Perpignan	29.46	46	SW	6	o	29.63	+ 33	43	38	- 1	NW	1	bc	*	o	51	40	*	-	
SPAN. PEN.	Corunna																	*	-		
	Lisbon																	*	-		
	Azores (P. Delgada)																	*	-		

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

† Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR *Thursday, 21<sup>st</sup> March, 1901.*

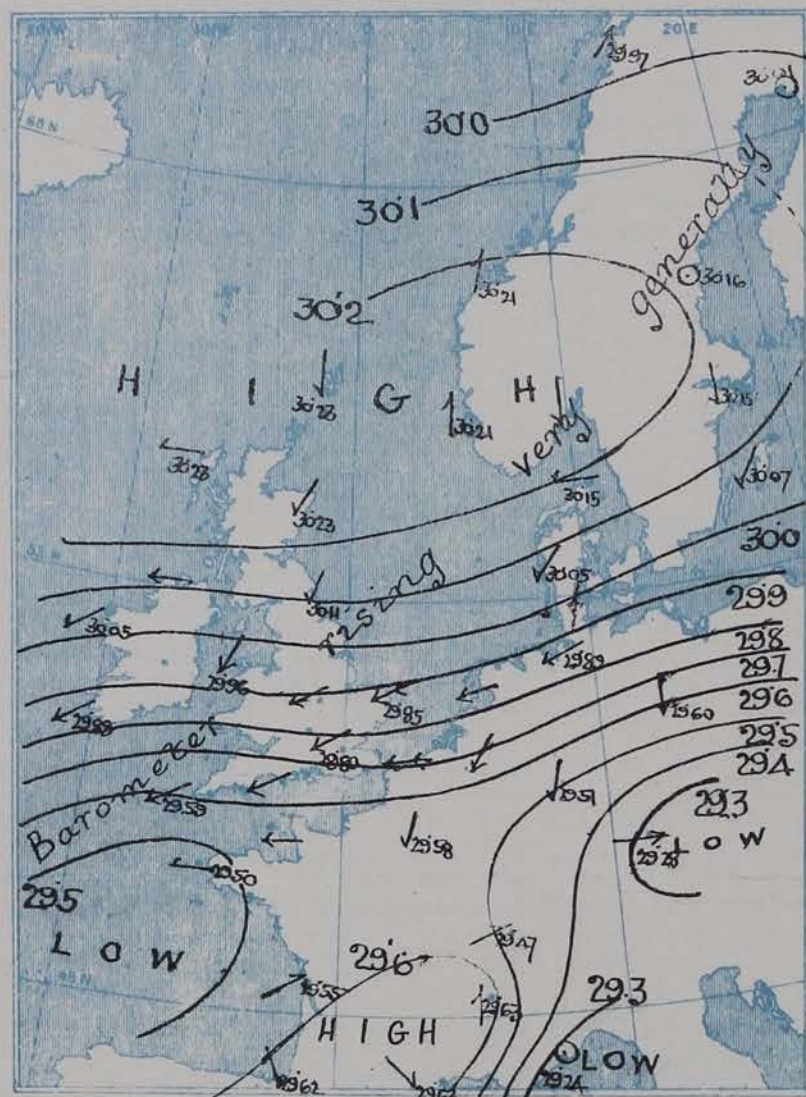
## I. BAROMETER, WIND AND SEA. *This Morning.*

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



## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

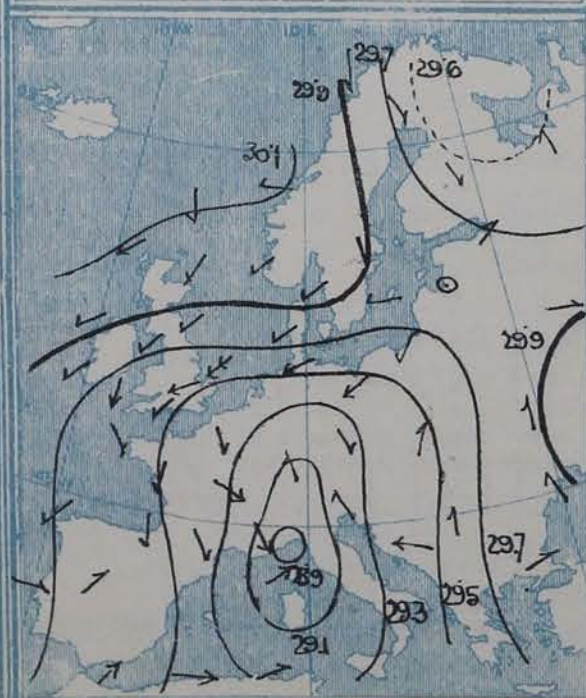
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



## III. BAROMETER AND WIND

*Yesterday morning.*



## IV. Means of DAILY MINIMUM TEMPERATURE for the monthly period March (1871-1900)



## V. Means of DAILY TEMPERATURE at 8 am. for the monthly period March (1871-1900)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The anticyclone recently noticed in the north continues to spread slowly southwards, its central area, with readings above 30.2 in: now covering Scotland and the southern parts of Norway. The complex depression over France is still moving southwards, while the small secondary disturbance which was forming yesterday over the English Channel is apparently passing away to the southward. As a result of these changes the barometer is rising at all but the western French stations, where a slight fall is in progress.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

NE winds continue to prevail in our Islands and the neighbouring part of the Continent, and blow strongly on all the English and Welsh coasts, with a gale in the southeast. Over the southern parts of France the wind is light and variable and at Marseilles it is strong from the W. S or SW breezes have appeared on the west coasts of Norway. Temperature has risen slightly in most parts of the United Kingdom, but is still below the normal in the west and south, the deficiency being rather large at some of the Channel stations; the lowest morning readings reported is 36° at Portland Bill; in some parts of Ireland and Scotland the thermometer is slightly above 40°. On the Continent a general fall of temperature has occurred, slight frost being reported in Germany and Denmark and sharp frost in Sweden. The weather is cloudy over Great Britain, Belgium, Germany and the greater part of France, rain or snow is falling at most of the English Channel stations and also in Germany and the east of France. On our west coasts and in Scandinavia, Denmark, and the south of France the weather is fine. The sea is rough on the English and French coasts and very high at the Hebrides.

During yesterday the thermometer rose to 45° and upwards at several of our western and extreme northern stations; in the east and south of England it rose very little above 40°, and at Portland Bill it only reached 39°. At most of the English stations there was an entire absence of bright sunshine; at Valencia however, there was as much as 10.0 hrs and at Banburytown 8.2 hrs. Heavy rain fell at some of the Channel and French stations, - as much as 1.2 in: at Portland Bill.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone will probably continue to spread slowly southwards, but in the south of England the weather is likely to remain very changeable for the present, with strong E or NE winds, and occasional snow or sleet showers. A depression is approaching the northwest of Norway from the westward, but is not likely to affect the weather in these Islands.

## FORECASTS \*

For the 24 hours ending at NOON on 22<sup>nd</sup> MARCH

1901

### DISTRICTS.



### FORECASTS.

0	{ SCOTLAND NORTH	E <sup>2</sup> and NE <sup>2</sup> winds, moderate; fair generally. Frost inland at night.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	NE <sup>2</sup> winds, fresh or strong; cloudy, snow showers in places.
3	{ ENGLAND EAST	Same as N° 5
4	{ MIDLAND COUNTIES	Same as N° 2.
5	{ ENGLAND SOUTH	E <sup>2</sup> winds, strong, a gale on coast; some snow showers.

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as N° 0 and 1.
7	{ ENGLAND N.W.	NE <sup>2</sup> winds, strong; fair generally.
8	{ ENGLAND S.W.	E <sup>2</sup> and NE <sup>2</sup> winds, strong; squally, some sleet showers
9	{ IRELAND NORTH	Same as N° 7.
10	{ IRELAND SOUTH	NE <sup>2</sup> winds, fresh or strong; cloudy, cold showers in places.
WARNINGS		The North Cone is still flying in part of district 8.

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

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	40	36	0.0
Newton Reigny (Penrith)	29.92	38	E 6	O	30.10	+ .23	38	35	+ 2	NE 2	O	* 8	44	36	0.01
Bath	29.60	40	SE 6	T	29.78	+ .21	38	35	0	E 7	O	*	42	36	0.01

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	41	32	S.O.C	0.0	0.21	Llandudno	*	*	*	2.9	*
Hastings	*	*	*	0.0	*	Rhyl	*	*	*	3.3	*
Eastbourne	*	*	*	0.0	*	Southport	*	*	*	5.3	*
Brighton	*	*	*	0.0	*	Manchester, 9 p.m.	44	35	C.B.C	0.0	*
Worthing	*	*	*	0.0	*	Darwen, 9 p.m.	41	32	O.V.C.U	0.4	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 20 <sup>th</sup>	70	50	b, bc	Ins.	Algiers ... MAR. 20 <sup>th</sup>	63	55	O, C	0.24
Madrid ...	55	39	O, O	0.08	Tunis ...	70	48	O, C	0.35
Corsica (I. Sanguinaires) ...	—	—	—	—	Vienna ...	57	48	C, O	—
Rome ...	—	—	—	—	St. Petersburg ...	34	9	b, b	—
Florence ...	—	—	—	—	Lugano ... MAR. 19 <sup>th</sup>	41	—	r	Measured 7 a.m. 19 <sup>th</sup> 1.06
Trieste ...	59	54	r, O	0.12	Davos ...	39	—	bc	—
Brindisi ...	—	—	—	—	Lucerne ...	59	—	c	—
Naples ...	—	—	—	—	Lausanne ...	55	—	bc	—
Palermo ...	—	—	—	—					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain ...	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

21 <sup>st</sup> MARCH 1911.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	5.56	12.0	6.4
Greenwich ...	6.3	12.7	6.11
Wick ...	6.16	12.19	6.23
Valencia ...	6.44	12.48	6.52

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 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

Friday, 22<sup>nd</sup> March,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.			
				At 32° and M.S.L.	Dry Bulb.		Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.			Dirac.	Force (0 to 12.)			Weather.	Max.	Min.
SCANDINAVIA.	Haparanda ...	29.88	19	NW	2	b	30.13	+12	15	14	+3	2	0	b	2	b	25	7	*	-		
	Hernösand ...	30.06	30	Z	0	b	30.21	+05	27	26	+11	Z	0	b	2	b	39	12	*	-		
	Stockholm ...	30.17	28	Z	0	b	30.21	+06	24	22	-3	Z	0	b	2	b	30	18	*	-		
	Wisby ...	30.11	27	ENE	4	b	30.17	+10	29	26	-2	ENE	4	b	2	b	34	23	*	-		
	Karistad ...	30.20	28	N	2	b	30.29	+10	26	23	+3	N	2	b	2	b	34	28	*	-		
	Færder (X'ania Fjord) ...	30.19	33	NW	1	b	30.31	+09	31	28	+2	N	4	b	2	b	34	28	*	-		
	Bodö ...	30.08	35	N	6	b	30.10	+13	34	32	+1	N	6	S	3	b	39	30	*	-		
	Christiansund ...	30.23	35	SW	3	0	30.30	+09	37	34	+2	Z	0	C	3	0	41	34	*	-		
	Skudesnaes ...	30.16	35	SW	2	bc	30.34	+13	30	28	-6	NE	2	c	1	o, bc	39	30	*	-		
	Sumburgh Head ...	30.27	40	NW	2	c	30.37	+14	40	37	0	NNE	1	0	3	b, c	43	35	*	0.04		
BRITISH ISLANDS.	Stornoway ...	30.26	44	ESE	4	b	30.43	+20	40	38	+3	ENE	3	0	3	b	46	35	10.0	-		
	Malm Head ...	30.19	43	E	5	b, m	30.40	+29	37	36	-4	SSW	1	b	1	b, m	45	34	*	-		
	Blacksod Pt. ...	30.12	47	E	3	b	30.36	+31	39	37	0	SE	3	b	3	b	49	35	*	-		
	Valencia ...	30.00	48	ENE	4	bc, m	30.31	+43	37	33	-2	E	2	bc	3	bc, bc, m	51	33	5.5	-		
	Roche's Point ...	29.98	44	ENE	5	bc	30.35	+49	39	35	-2	SE	4	bc	4	bc	46	36	*	-		
	Parsonstown ...	30.08	44	NE	1	c	30.38	+42	29	29	-10	NE	1	b	4	b, c	48	26	8.6	-		
	Donaghadee ...	30.15	44	ESE	4	b	30.39	+30	41	37	0	E	3	bc	3	b	44	38	*	-		
	Liverpool Obsy. ...	30.09	40	NE	6	b	30.39	+40	34	31	-4	N	1	bc	2	b, m	45	31	*	-		
	Holyhead ...	30.08	42	NE	4	cm	30.38	+42	39	36	0	ENE	1	bc	1	bc, m	44	32	*	-		
	Pembroke (St. Ann's) ...	29.96	43	NE	5	bc	30.31	+52	34	32	-6	NE	4	bc	3	o, bc	46	32	0.8	-		
GERMANY, &c.	Scilly (St. Mary's) ...	29.79	42	ENE	6	0	30.19	+60	40	37	+2	ENE	5	c	3	7.0	43	36	0.0	0.11		
	Jersey (St. Aubins) ...	29.77	38	ENE	6	o, r, sm	30.17	+56	39	35	-1	NE	5	bc	4	7.5, 7	40	37	0.0	0.04		
	Portland Bill ...	29.86	40	ENE	6	c	30.25	+56	33	32	-3	NE	3	bc	3	c	41	32	*	0.02		
	Dungeness ...	29.84	39	E	8	0	30.19	+49	37	34	-1	E	5	c	4	c, o	41	35	*	-		
	Wick ...	30.30	41	E	3	0	30.42	+17	37	36	-3	N	2	bc	1	0	45	32	*	-		
	Nairn ...	30.28	40	E	1	c	30.42	+18	39	36	+1	W	1	c	1	c	42	35	*	-		
	Aberdeen ...	30.27	39	ENE	2	c	30.42	+19	39	37	-1	NW	2	bc	2	c	44	33	3.4	0.01		
	Leith ...	30.25	40	ENE	3	bc	30.41	+23	39	37	-2	NE	2	0	4	bc	44	36	*	0.02		
	North Shields ...	30.19	40	NE	3	c	30.35	+24	38	37	-2	NE	1	c	4	c, p	44	36	*	0.01		
	Spurn Head ...	30.08	38	NE	6	b	30.33	+38	39	36	-1	NE	4	c	4	b	43	36	*	-		
FRANCE.	Yarmouth ...	29.97	39	ENE	7	bc	30.24	+39	38	34	+1	ENE	5	c	5	b, bc	40	35	*	-		
	Loughborough ...	30.06	38	ENE	4	bc	30.33	+39	35	32	-3	ENE	2	cm	4	bc, b, o	44	28	*	-		
	Oxford ...	30.05	35	NE	4	bc	30.31	+47	35	32	-2	NE	1	0	4	bc, q	45	29	*	-		
	London (Brixton) ...	29.96	37	NE	5	bc	30.26	+46	36	33	-2	NE	4	0	4	o, bc, b	44	32	0.2	-		
	The Scaw (Skagen) ...	30.19	32	ENE	2	b	30.26	+11	33	30	+2	NE	2	b	0	b	36	30	*	-		
	Fanö ...	30.17	30	NE	2	b	30.25	+20	28	27	-1	NNE	2	b	2	b	39	27	*	-		
	Cuxhaven ...	30.03	34	ENE	5	0	30.18	+29	30	29	-1	N	4	bc	4	0	37	28	*	-		
	The Helder ...	30.00	37	ENE	6	b	30.19	+35	36	32	+2	ENE	4	bc	5	b	37	34	*	-		
	Brussels ...	*	*	*	*	*	30.15	+43	32	28	-1	NE	4	c	4	b	43	28	*	-		
	Berlin ...	29.82	32	NNE	7	0	29.97	+37	32	29	0	N	5	0	4	0	34	30	*	-		
SPAN. PEN.	Frankfurt ...	29.86	34	NE	4	0	30.03	+52	30	28	-2	N	4	bc	4	0	36	30	*	0.43		
	Munich ...	29.68	29	N	6	S	29.87	+59	23	22	-9	SW	4	S	4	S	34	23	*	-		
	C. Gris Nez ...	29.87	37	E	6	0	30.13	+45	32	32	-4	E	6	c	0	0	39	30	*	-		
	Brest ...	29.65	42	E	3	r	30.09	+59	40	38	+1	NE	3	0	2	r	48	36	*	0.47		
	Lorient ...	29.68	46	SE	2	c	30.05	+54	38	37	-2	ENE	5	c	4	c	52	37	*	-		
	Rochefort ...	29.63	48	SW	3	0	29.87	+32	41	39	0	E	4	0	4	c, o	55	37	*	-		
	Biarritz ...	29.64	54	NE	2	0	29.93	+31	47	44	+3	WSW	4	r	2	0	59	44	*	0.28		
	Paris ...	29.78	38	NE	3	0	30.05	+47	31	29	-7	NE	3	b	4	0	39	30	*	-		
	Belfort ...	29.69	31	ENE	6	S	29.89	+42	27	26	-7	ENE	7	0	4	S	42	27	*	0.08		
	Lyons ...	29.71	37	NE	1	r	29.86	+23	33	32	-3	NW	3	3	4	r	41	32	*	-		
SPAN. PEN.	Nice ...	29.34	49	SW	2	b	29.51	+27	44	42	-2	E	1	c	3	b	61	41	*	-		
	Perpignan ...	29.60	49	SE	1	b	29.80	+17	40	41	+3	NW	3	0	4	b	64	41	*	-		
SPAN. PEN.	Corunna ...																					
	Lisbon ...																					
SPAN. PEN.	Azores (P. Delgada) ...	29.91	60	SSW	5	bc	29.86	-11	56	53	-3	SSW	5	0	4	bc	63	52	*	0.24		

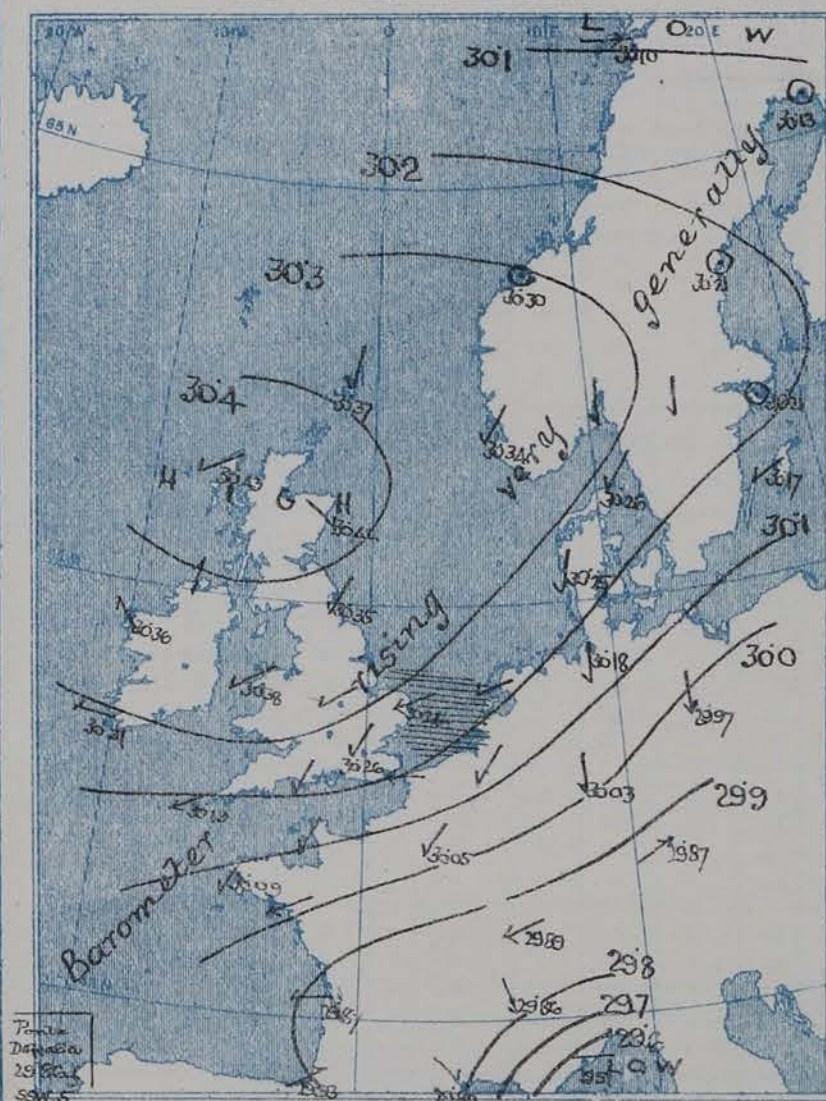
NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

† Observations received too late for insertion in Charts on next page.



Friday, 22<sup>nd</sup> March, 1901.

SEA.—*Rough* : *High*.



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



*Yesterday morning.*



A map of the British Isles (Great Britain and Ireland) showing isotherms for the month of May. The map is overlaid with a grid of latitude and longitude lines. Isotherms are represented by dashed lines and labeled with numerical values indicating temperature in degrees Celsius. The values range from 34 to 40. Key isotherms include 35, 36, 37, 38, 39, and 40. The map also includes a scale bar at the bottom, indicating distances in kilometers (0, 100, 200 km) and miles (0, 100, 200 miles).



## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The anticyclone recently noticed in the north has extended over nearly the whole of northwestern Europe, its central area, with readings above 30.4 ins. being at present situated over Scotland. The lowest readings, 29.6 ins. and less, are found in a depression having its centre over the Gulf of Genoa, but this system is apparently filling up, and the barometer is rising generally.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind remains NE<sup>1</sup> over England and the western parts of the Continent, but the recent gales have entirely subsided, nothing more than a fresh breeze being now reported on any part of our coasts. In Ireland the wind draws into the SE<sup>2</sup>, while in the north of Scotland it is chiefly N<sup>1</sup>; calms prevail over the greater part of Scandinavia. The extension of the anticyclone has been accompanied by a general fall of temperature. In our Islands the morning readings are nearly all below 40°, the lowest reported being 29° at Parsonstown, 32° at Bath, and 33° at Ballantrai. Frost also prevails in many parts of the Continent; the readings being as low as 23° at Munich, 27° at Berlin, and still lower in the north of Sweden. The weather is fair or fine over Northern Europe as a whole, but is still dull and unsettled over the southern part of France and Germany, with rain at Biscaritz, and snow at Lyons and Munich; snow is also falling at Bodo. The sea remains rather rough on the Norfolk and Dutch coasts, but is moderate or slight elsewhere.

Frost occurred last night in many parts of the United Kingdom, the lowest readings reported being (1) in the screen 26° at Parsonstown, 28° at Loughborough and 29° at Oxford; (2) on the grass 19° at Loughborough, 25° at Oxford, and 26° in London. The amount of Bright Sunshine registered yesterday was small in the east and south, but much larger in the west and north; at Stromway there was as much as 10.0 hours and at Southport 9.9 hours. Slight rain fell on our northwestern and southern coasts, and larger quantities at some of the French and German stations.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone appears to be well established and will probably continue to increase both in size and intensity. Fair dry weather is therefore likely to prevail generally, with cold nights, but with a tendency for milder weather in the daytime.

## FORECASTS \*

For the 24 hours ending at NOON on 23<sup>rd</sup> MARCH

1901

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

1 { SCOTLAND  
EAST

2 { ENGLAND  
N.E.

3 { ENGLAND  
EAST

4 { MIDLAND  
COUNTIES

5 { ENGLAND  
SOUTH

NW<sup>2</sup> winds, light; fair generally.

NE<sup>2</sup> winds, light; fair generally.  
Frosty at night.

Same as N° 5

Same as N° 2.

NE<sup>2</sup> winds, light or moderate; fair generally.  
Frost inland at night.

### DISTRICTS.

### FORECASTS.

6 { SCOTLAND  
WEST

7 { ENGLAND  
N.W.

8 { ENGLAND  
S.W.

9 { IRELAND  
NORTH

10 { IRELAND  
SOUTH

Same as N° 2.

Same as N° 5

E<sup>2</sup> and SE<sup>2</sup> winds, light; fair generally.  
Frost inland at night.

### WARNINGS

NONE ISSUED

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on Sea	*	*	*	*	*	*	*	*	*	*	bc	*	b	41	35	8.4	-
Newton Reigny (Penrith)	30.24	37	ENE 3	b	30.38	+ .28	35	34	- 3	ENE 1	o	*	c, b, o	44	28	6.0	-
Bath	29.96	34	E 7	c	30.29	+ .51	32	30	- 6	E 1	bc	*	c	44	28	1.6	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	38	32	c, b	6.8	-	Llandudno	*	*	*	5.7	*
Hastings	*	*	*	1.2	*	Rhyl	*	*	*	8.5	*
Eastbourne	*	*	*	0.0	*	Southport	*	*	*	9.9	*
Brighton	*	*	*	2.8	*	Manchester, 9 p.m.	44	35	bc, b	7.1	-
Worthing	*	*	*	2.1	*	Darwen, 9 p.m.	41	31	c, b, bv	9.2	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 21	—	—	—	Ins.	Algiers ... MAR. 21	64	52	c, b	Ins.
Madrid	55	41	m, r	0.04	Tunis	64	45	c, bc	—
Corsica (I. Sanguinaires)	59	45	f, f	0.91	Vienna	57	45	o, o	—
Rome	59	50	r, o	0.87	St. Petersburg	50	9	b, b	—
Florence	57	46	o, b	0.12	Lugano ... MAR. 20	45	—	r	Measured 7 a.m. 20 <sup>th</sup> 1.97
Trieste	59	50	o, r	0.55	Davos	45	—	o	0.08
Brindisi	66	50	o, c	0.43	Lucerne	52	—	o	—
Naples	59	48	o, o	0.16	Lausanne	45	—	o	—
Palermo	68	52	bc, c	0.04					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

22 <sup>nd</sup> MARCH 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.54	12.0	6.6
Greenwich	6.1	12.7	6.13
Wick	6.13	12.19	6.25
Valencia	6.42	12.48	6.54

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

Saturday, 23<sup>rd</sup> March,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall Ins.			
		At 32° and M.S.L.	Ins.	Dry Bulb.	Dirac.		Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.			Direc.	Force (0 to 12.)			Weather.	Max.	Min.
SCANDINAVIA.	Haparanda ...	29.89	27	2	0	b	29.86	- .27	32	31	+ .17	NE	2	0	*	b	32	7	*	-		
	Hernösand ...	30.21	36	2	0	b	30.17	- .04	38	33	+ .11	W	2	b	*	b	46	21	*	-		
	Stockholm ...	30.33	32	2	0	f	30.29	+ .08	28	27	+ .11	W	2	b	*	f	41	18	*	-		
	Wisby ...	30.27	30	4	4	b	30.31	+ .14	33	32	+ .11	W	4	b	*	b	34	21	*	-		
	Karlstad ...	30.36	31	2	0	r	30.40	+ .11	27	26	+ .11	NE	2	b	*	b	*	*	*	-		
	Færder (X'tania Fjord)	30.36	36	W	1	b	30.41	+ .10	30	27	- .1	W	2	b	1	b	37	30	*	-		
	Bodö ...	29.99	37	W	5	o	29.96	- .14	33	32	- .1	W	6	m	3	o	39	32	*	-		
	Christiansund ...	30.41	38	W	2	c	30.35	+ .05	41	36	+ .14	W	4	c	4	c	41	37	*	-		
	Skudesnaes ...	30.43	36	W	2	b	30.46	+ .12	30	29	0	NE	2	b	1	c.b	41	30	*	*		
	Sumburgh Head ...	30.45	42	2	0	o	30.47	+ .10	42	39	+ .2	W	2	0	3	c.o	45	37	*	0.03		
BRITISH ISLANDS.	Stornoway ...	30.48	43	SSE	3	b	30.53	+ .10	38	36	- .2	W	3	0	3	c.b	46	30	5.1	-		
	Malin Head ...	30.49	40	E	1	b.m	30.53	+ .13	36	35	- .1	SSW	1	b.m	2	0.b.m	42	35	*	-		
	Blacksod Pt. ...	30.44	46	SSE	2	b	30.50	+ .14	40	38	+ .1	SE	2	b	3	b	48	32	*	-		
	Valencia ...	30.43	45	SSE	2	b	30.47	+ .16	42	38	+ .5	ESE	3	c	4	b	49	35	10.5	-		
	Roche's Point ...	30.48	41	SE	4	b	30.53	+ .18	43	39	+ .4	SSE	4	om	4	b	43	35	*	-		
	Parsonstown ...	30.44	45	E	1	b	30.54	+ .16	28	28	- .1	SE	1	m	*	b	50	25	8.8	-		
	Donaghadee ...	30.49	43	NE	2	b.c	30.56	+ .17	41	38	0	E	3	og	2	b.c	43	35	*	-		
	Liverpool Obsy. ...	30.47	40	W	1	o	30.55	+ .16	38	36	+ .4	2	0	og	2	om	44	34	*	-		
	Holyhead ...	30.47	41	NE	2	b	30.53	+ .15	40	37	+ .1	2	0	f	0	b.c.b	43	34	*	-		
	Pembroke (St. Ann's)	30.41	42	W	2	b	30.54	+ .23	36	35	+ .2	NE	3	c.m	4	b	45	32	10.0	-		
GERMANY, &c.	Scilly (St. Mary's) ...	30.39	41	E	4	c	30.44	+ .25	42	39	+ .2	E	4	c	6	c	43	37	9.1	-		
	Jersey (St. Aubins) ...	30.46	41	NE	5	c.m	30.50	+ .33	40	36	+ .1	NE	3	om	3	c.c.m	43	37	4.3	-		
	Portland Bill ...	30.39	40	NE	2	b	30.51	+ .26	37	35	+ .4	W	1	0	2	b.c.b	43	32	*	-		
	Dungeness ...	30.33	38	NE	6	c	30.45	+ .26	37	35	0	W	2	0	2	c	42	35	*	-		
	Wick ...	30.50	42	W	2	c	30.53	+ .11	39	38	+ .2	W	2	0	1	c	44	34	*	-		
	Nairn ...	30.48	42	2	0	c	30.54	+ .12	37	35	- .2	W	1	c	1	c	44	35	*	-		
	Aberdeen ...	30.49	40	W	2	c	30.55	+ .13	41	38	+ .2	W	2	b.c.w	1	p.c	44	34	2.8	-		
	Leith ...	30.47	41	2	0	b.c	30.56	+ .15	39	38	0	W	1	c.m	*	b.c	44	37	*	-		
	North Shields ...	30.47	41	W	2	c	30.52	+ .17	39	37	+ .1	W	2	c.p	3	b.c.c	44	36	*	0.03		
	Spurn Head ...	30.42	40	W	3	c	30.50	+ .17	38	37	- .1	W	1	b.c	3	c.p	43	36	*	0.07		
FRANCE.	Yarmouth ...	30.35	39	NE	4	c	30.42	+ .18	39	36	+ .1	W	3	c.v	4	c.v.c	40	35	*	-		
	Loughborough ...	30.43	40	NE	1	o	30.51	+ .18	37	36	+ .2	W	1	o.d.m.p	*	o.m.p	41	35	*	0.02		
	Oxford ...	30.47	38	NE	1	b.c	30.51	+ .20	37	36	+ .2	W	2	0	*	o.b.c.s	41	34	*	-		
	London (Brixton) ...	30.39	41	NE	4	o	30.49	+ .23	38	36	+ .2	NE	2	0	*	b.c.m.o	44	36	2.5	-		
	The Scaw (Skagen) ...	30.35	35	2	0	b	30.40	+ .14	34	32	+ .1	W	1	b	0	b	37	28	*	-		
	Fanö ...	30.38	31	W	2	b	30.43	+ .18	31	30	+ .3	W	2	b	*	b	41	28	*	-		
	Cuxhaven ...	30.26	34	NE	3	b	30.36	+ .18	33	32	+ .3	NE	2	c	*	b	37	30	*	-		
	The Helder ...	30.32	35	NE	2	b	30.40	+ .21	37	34	+ .1	NE	2	c	1	b	39	34	*	-		
	Brussels ...	*	*	*	*	*	30.42	+ .27	32	31	0	NE	1	0	*	b	40	29	*	-		
	Berlin ...	30.13	32	W	5	o	30.21	+ .24	33	30	+ .1	W	4	0	*	o	36	30	*	-		
SPAN. PEN.	Frankfurt ...	30.23	33	NE	2	b.c	30.28	+ .25	31	29	+ .1	W	4	c	*	b.c	37	30	*	-		
	Munich ...	30.08	25	W	3	s	30.13	+ .26	24	23	+ .1	W	6	s	*	s	30	21	*	-		
	C. Gris Nez ...	30.32	37	E	5	o	30.41	+ .28	37	35	+ .5	NE	2	0	2	o	39	32	*	-		
	Brest ...	30.38	41	NE	3	b.c	30.51	+ .42	37	36	- .3	ESE	1	b.c	3	b.c	48	36	*	-		
	Lorient ...	30.31	41	E.NE	5	b	30.46	+ .41	35	34	- .3	E.NE	2	b	3	b	52	34	*	-		
	Rochefort ...	30.21	41	E.NE	4	o	30.39	+ .52	34	32	- .7	NE	4	b	*	o	50	30	*	-		
	Biarritz ...	30.23	47	W	4	o	30.41	+ .48	34	31	- .13	E	3	b	3	o	50	32	*	0.20		
	Paris ...	30.25	39	W	3	b	30.40	+ .35	30	29	- .1	W	3	b	*	b	41	30	*	-		
	Belfort ...	30.08	30	E.NE	4	o	30.25	+ .36	27	26	0	E.NE	4	c	*	o	32	25	*	-		
	Lyons ...	30.07	33	W	4	o	30.22	+ .36	29	26	- .4	W	4	b	*	o	36	28	*	-		
SPAN. PEN.	Nice ...	29.57	46	E	2	r	29.69	+ .18	43	42	- .1	SE	1	r	4	r	57	43	*	0.24		
	Perpignan ...	29.92	32	W	6	c	30.10	+ .30	39	32	- .7	W	6	b	1	c	56	37	*	-		
SPAN. PEN.	Corunna ...																					
	Lisbon ...																					
SPAN. PEN.	Azores (P. Delgada)	29.72	57	SSW	5	o	29.61	- .25	54	50	- .2	WSW	4	c	4	o	63	50	*	0.20		

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

† Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR *Saturday, 23<sup>rd</sup> March, 1901.*

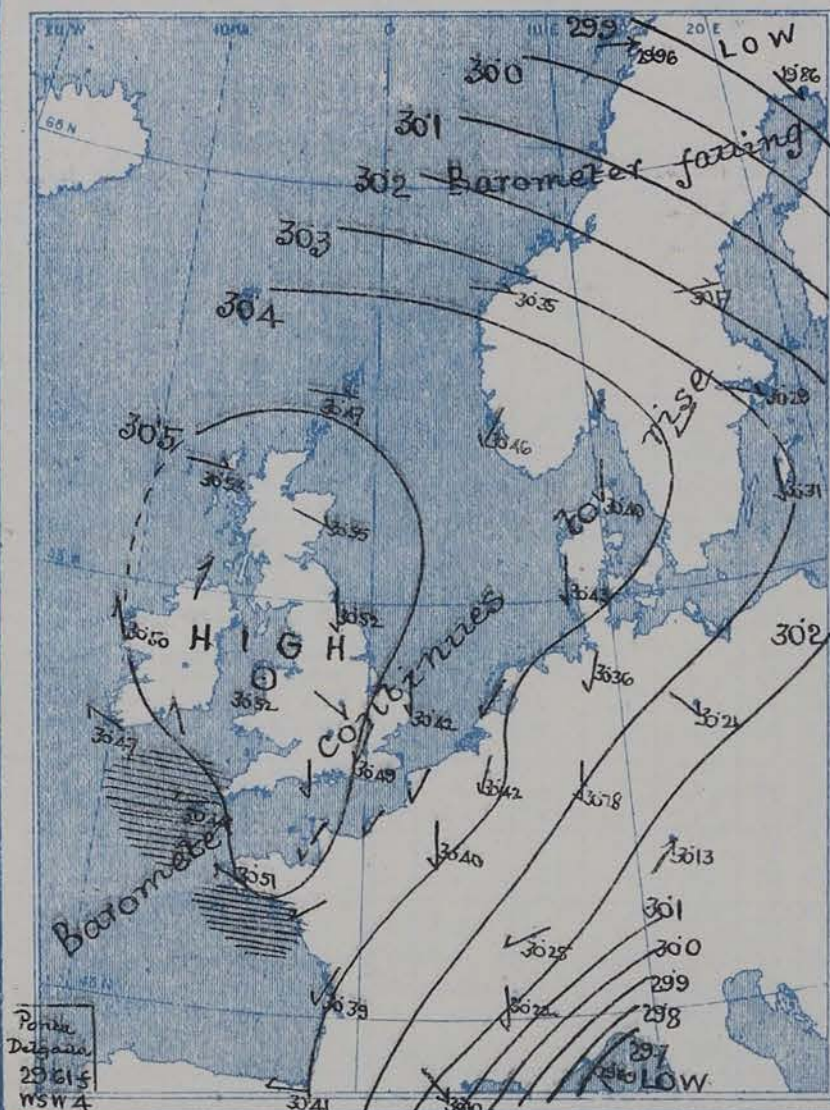
## I. BAROMETER, WIND AND SEA. *This Morning.*

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

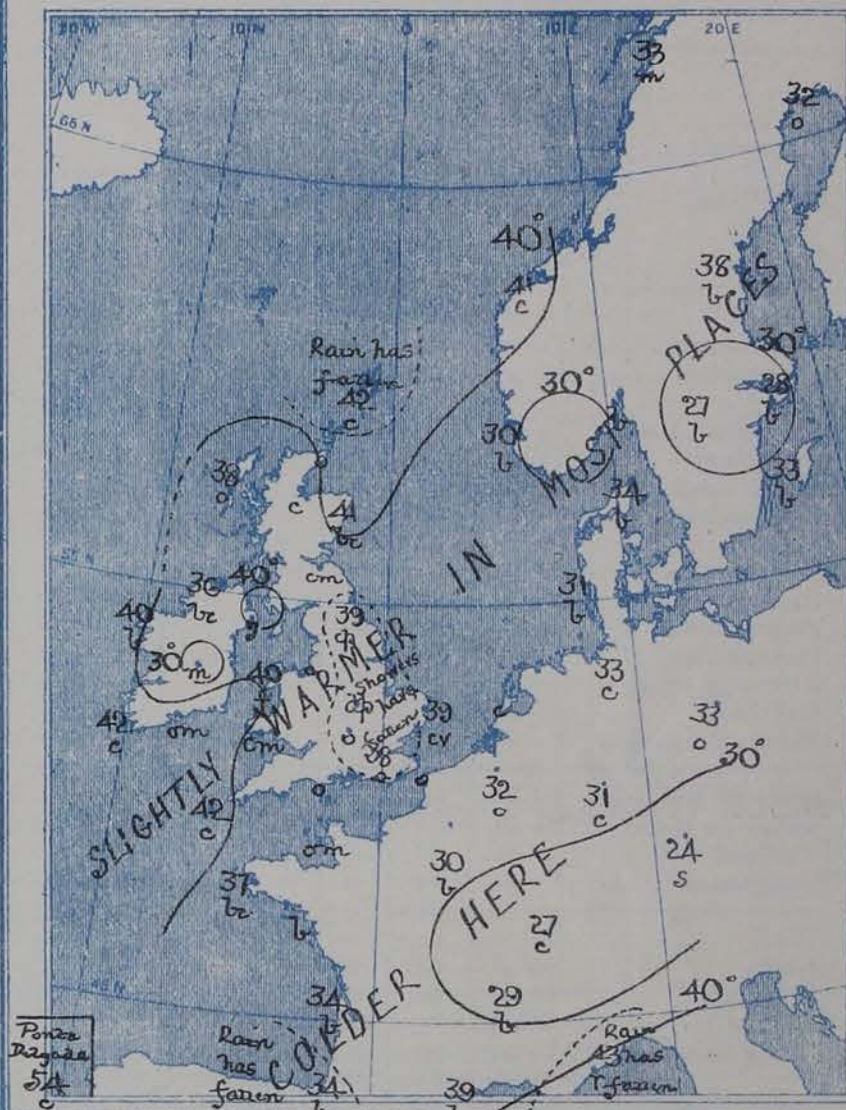


## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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—0.0



## III. BAROMETER AND WIND

*Yesterday morning.*



## IV. Means of DAILY MINIMUM TEMPERATURE for the Two monthly period March - April. (1871-1900.)



## V. Means of DAILY TEMPERATURE at 8 a.m. for the Two monthly period March - April. (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The anticyclone has continued to increase both in size and intensity, its central area, with readings above 30.5 in., being now situated directly over our Islands. The barometer is still rising in most places, but is falling again in the north of Scandinavia, under the influence of a depression which is passing across Lapland. The lowest readings 29.7 in. and less, are, however, found in a well marked disturbance lying over the Gulf of Genoa.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

Light anticyclonic winds are reported over nearly the whole of Northern Europe, their general direction being N. over England and the western part of the Continent, but SE in Ireland and W in Scotland. W breezes are also reported over the north of Scandinavia and at Woods they blow strongly. Temperature has risen a little in most places, but is still low for the time of year, the morning readings being below 40° in most parts of Great Britain. On the Irish coasts they are somewhat higher, but in Central Ireland much lower, the reading at Carrontown being only 28°. In France the thermometer has fallen, and frost now prevails at many of the Continental stations, the lowest readings reported being 24° at Munich and 27° at Belfort and also at Karlstad. The weather is cloudy over the United Kingdom as a whole, with fog or mist at several of our western stations, and showers at Shields and Loughborough. In the eastern part of the Continent the weather is mostly fine, but in Belgium and Germany it is dull, with snow at Munich; rain is falling at Nice. The sea is moderate or slight generally, but rough (a heavy ground swell) at Scilly.

(During yesterday the thermometer remained below 45° in most parts of Great Britain, but exceeded that point in Ireland and reached 50° at Carrontown. The amount of bright Sunshine was large at our western stations (as much as 10.5 hours at Valencia) but small elsewhere; at Manchester and Birmingham there was none. Showers fell over eastern and central England, and more decided rain in the south of France.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any change beyond perhaps a gradual rise of temperature. Fair dry weather is likely to prevail over the United Kingdom generally, but in the east and southeast of England the anticyclonic N. winds will probably be accompanied by a good deal of cloud, with showers in a few places.

## FORECASTS \*

For the 24 hours ending at NOON on 24<sup>th</sup> MARCH 1901

### DISTRICTS.

### FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

W<sup>ly</sup> winds, light or moderate; fair generally

NW<sup>ly</sup> winds, light; cloudy, slight showers locally

N<sup>ly</sup> winds, light; cloudy, slight showers locally

### DISTRICTS.

### FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Light Variable airs; cloudy, some mist or fog.

E winds, light or moderate; fair generally.

SE<sup>ly</sup> winds, light; fair generally.

### WARNINGS

None issued.

*Note.*—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.						PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on Sea	*	*	*	*	*	*	*	*	*	0	*	c. bc	41 35	4.7	-
Newton Reigny (Penrith)	30.50	40	NE 1	0	30.55 +.17	36	35	+ 1	NE 1	0	*	c. q	45 35	1.0	-
Bath	30.39	41	N 3	bc	30.51 +.52	39	35	+ 7	ENE 1	0	*	bc	45 32	6.3	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	39	29	0	0.0	-	Llandudno	*	*	*	8.4	*
Hastings	*	*	*	3.8	*	Rhyl	*	*	*	7.5	*
Eastbourne	*	*	*	2.9	*	Southport	*	*	*	4.3	*
Brighton	*	*	*	4.5	*	Manchester, 9 p.m.	43	32	c. 0	0.0	-
Worthing	*	*	*	4.6	*	Darwen, 9 p.m.	40	27	c. ov. hm	0.2	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 22 <sup>nd</sup>				Ins.	Algiers ... MAR. 22 <sup>nd</sup>				Ins.
Madrid					Tunis				
Corsica (I. Sanguinaires)					Vienna				
Rome					St. Petersburg				
Florence			Information		Lugano ... MAR. 21 <sup>st</sup>	52	—	0	Measured 7 a.m. 21 <sup>st</sup> 0.75
Trieste			not		Davos	34	—	5	0.32
Brindisi					Lucerne	36	—	7	0.83
Naples					Lausanne	36	—	5	0.55
Palermo			arrived.						

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	MARCH 23 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	5.52	12.0	6.8
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	5.59	12.7	6.15
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	6.10	12.19	6.27
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	6.40	12.48	6.56
Portugal	8 a.m. (Lisbon)	8.36 a.m.						

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† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on Sunday 24<sup>th</sup> March,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rain. Ins.	
		At 32° and M.S.L.	Ins.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.		Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.			Min.				
SCANDINAVIA.	Haparanda ...	29.72	31	W	2	0	29.50	-.36	20	20	- 12	N	2	S	*	0	39	23	*	-		
	Hernösand ...	29.97	41	W	2	0	29.54	-.63	37	31	- 1	SW	2	0	*	0	48	32	*	-		
	Stockholm ...	30.13	36	NE	2	0	29.83	-.46	32	28	+ 4	SW	2	0	*	0	45	23	*	-		
	Wisby ...	30.23	35	W	4	0	29.97	-.34	33	31	0	SW	4	0	*	0	37	25	*	-		
	Karlstad ...	30.23	35	W	4	0	29.88	-.52	30	28	+ 3	W	2	0	*	0	*	*	*	-		
	Färder (X'iania Fjord)	30.24	34	SW	2	0	29.95	-.46	35	32	+ 5	WSW	2	0	2	0	37	30	*	-		
	Bodö ...	29.83	29	W	6	0	29.64	-.32	25	22	- 8	NW	6	0	3	0	34	23	*	-		
	Christiansund ...	30.10	40	WNW	9	0	29.89	-.46	28	27	- 13	N	8	0	5	0	41	28	*	0.16		
	Skudesnaes ...	30.39	39	NNW	4	0	30.07	-.39	39	36	+ 9	W	4	0	2	0	39	30	*	*		
	Sumburgh Head ...	30.35	42	W	3	0	30.16	-.31	34	34	- 8	N	4	0	4	0	45	33	*	0.09		
BRITISH ISLANDS.	Stornoway ...	30.47	43	WSW	3	0	30.23	-.30	39	38	+ 1	WNW	4	0	4	0	45	31	0.1	-		
	Malin Head ...	30.46	45	E	1	0	30.37	-.16	39	38	+ 3	W	1	0	1	0	45	35	*	-		
	Blacksod Pt. ...	30.46	45	2	0	0	30.40	-.10	39	38	- 1	2	0	0	2	0	48	32	*	-		
	Valencia ...	30.42	44	ENE	3	0	30.35	-.12	39	36	- 3	ESE	2	0	3	0	49	33	5.3	-		
	Roche's Point ...	30.49	42	SE	4	0	30.38	-.15	42	38	- 1	SSE	4	0	4	0	44	40	*	-		
	Parsonstown ...	30.47	44	SE	1	0	30.40	-.14	27	27	- 1	SE	1	0	2	0	49	25	7.5	-		
	Donaghadee ...	30.50	43	SE	3	0	30.38	-.18	34	33	- 7	S	2	0	2	0	47	29	*	-		
	Liverpool Obsy. ...	30.50	40	NNW	1	0	30.37	-.18	39	36	+ 1	2	0	0	1	0	44	37	*	-		
	Holyhead ...	30.51	41	E	1	0	30.39	-.14	39	37	- 1	2	0	0	0	0	44	32	*	-		
	Pembroke (St. Ann's) ...	30.47	42	NE	2	0	30.36	-.18	37	36	+ 1	ENE	3	0	3	0	45	35	4.1	-		
GERMANY, &c.	Scilly (St. Mary's) ...	30.43	42	ENE	4	0	30.30	-.14	42	39	0	E	4	0	4	0	46	38	3.3	-		
	Jersey (St. Aubins) ...	30.43	42	NE	3	0	30.33	-.17	40	37	0	ENE	3	0	3	0	43	39	0.1	-		
	Portland Bill ...	30.46	41	NNE	1	0	30.38	-.13	35	33	- 2	NE	3	0	3	0	43	33	*	-		
	Dungeness ...	30.41	39	ENE	3	0	30.34	-.11	38	34	+ 1	ENE	3	0	2	0	42	36	*	-		
	Wick ...	30.48	44	NW	3	0	30.15	-.38	42	41	+ 3	NW	4	0	2	0	48	38	*	-		
	Nairn ...	30.46	43	2	0	0	30.22	-.32	42	38	+ 5	WSW	3	0	2	0	47	31	*	-		
	Aberdeen ...	30.47	40	S	2	0	30.21	-.34	42	37	+ 1	WSW	2	0	1	0	45	33	4.3	-		
	Leith ...	30.49	42	ESE	1	0	30.30	-.26	37	35	- 2	WSW	3	0	2	0	46	32	*	-		
	North Shields ...	30.49	41	N	1	0	30.30	-.22	35	33	- 4	SW	2	0	2	0	44	31	*	-		
	Spurn Head ...	30.47	41	NNW	3	0	30.35	-.15	39	37	+ 1	WNW	2	0	2	0	45	36	*	-		
FRANCE.	Yarmouth ...	30.44	40	NNE	4	0	30.33	-.69	38	35	- 1	NNE	3	0	3	0	42	33	*	-		
	Loughborough ...	30.48	42	NNE	1	0	30.38	-.13	37	34	0	N	1	0	1	0	43	34	*	-		
	Oxford ...	30.48	38	NNE	2	0	30.38	-.13	36	34	- 1	NE	1	0	1	0	43	32	*	-		
	London (Brixton) ...	30.45	41	N	3	0	30.35	-.14	38	36	0	NE	1	0	1	0	43	33	0.0	-		
	The Scaw (Skagen) ...	30.29	34	N	2	0	30.02	-.38	36	35	+ 2	NW	4	0	0	0	41	32	*	-		
	Fanö ...	30.40	33	NW	2	0	30.24	-.19	37	36	+ 6	W	2	0	2	0	45	30	0.04	-		
	Cuxhaven ...	30.37	37	N	1	0	30.28	-.08	36	36	+ 3	2	0	0	0	39	33	*	-			
	The Helder ...	30.40	37	NE	2	0	30.34	-.06	37	35	0	NE	1	0	0	0	41	34	*	-		
	Brussels ...	*	*	*	*	*	30.31	-.11	31	30	- 1	NE	2	0	0	0	41	30	*	-		
	Berlin ...	30.26	35	NW	3	0	30.21	-.00	32	30	- 1	NW	3	0	0	0	39	30	*	-		
SPAN. PEN.	Frankfurt ...	30.27	35	N	2	0	30.22	-.06	33	32	+ 2	NE	3	0	0	0	37	32	*	-		
	Munich ...	30.15	24	W	5	0	30.08	-.05	26	25	+ 2	W	3	0	0	0	28	23	*	-		
	C. Gris Nez ...	30.38	37	ENE	3	0	30.30	-.11	37	37	0	ENE	3	0	3	0	43	36	*	-		
	Brest ...	30.38	44	E	1	0	30.32	-.19	39	36	+ 2	E	3	0	3	0	50	36	*	-		
	Lorient ...	30.39	42	ENE	5	0	30.29	-.17	37	32	+ 2	E	5	0	4	0	48	34	*	-		
	Rochefort ...	30.39	46	NE	3	0	30.23	-.16	34	33	0	NE	4	0	2	0	52	30	*	-		
	Biarritz ...	30.33	45	N	3	0	30.17	-.24	32	30	- 2	E	4	0	2	0	46	30	*	-		
	Paris ...	30.37	39	N	4	0	30.29	-.11	32	31	+ 2	N	3	0	0	0	45	30	*	-		
	Belfort ...	30.25	30	ENE	4	0	30.16	-.09	26	25	- 1	ENE	2	0	0	0	35	23	*	-		
	Lyons ...	30.21	37	N	3	0	30.23	+ .01	33	30	+ 4	N	3	0	0	0	41	29	*	-		
SPAN. PEN.	Nice ...	29.80	46	SW	3	0	29.90	+ .21	36	35	- 7	NE	4	0	4	0	55	36	0.12	-		
	Perpignan ...	30.08	46	NW	6	0	30.07	+ .03	41	34	+ 2	NW	3	0	2	0	50	38	*	-		
SPAN. PEN.	Corunna ...	30.11	59	NE	3	0	29.92	- .33	47	44	+ 3	NE	1	0	2	0	59	41	*	-		
	Lisbon ...	29.91	58	NE	4	0	29.79	+ .09	53	47	+ 3	ENE	4	0	2	0	64	50	*	-		
	Azores (P. Delgada) ...	29.62	55	WSW	5	0	29.70	+ .09	55	50	+ 4	N	4	0	4	0	63	52	0.04	-		

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

\* Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR Sunday, 24<sup>th</sup> March, 1901.

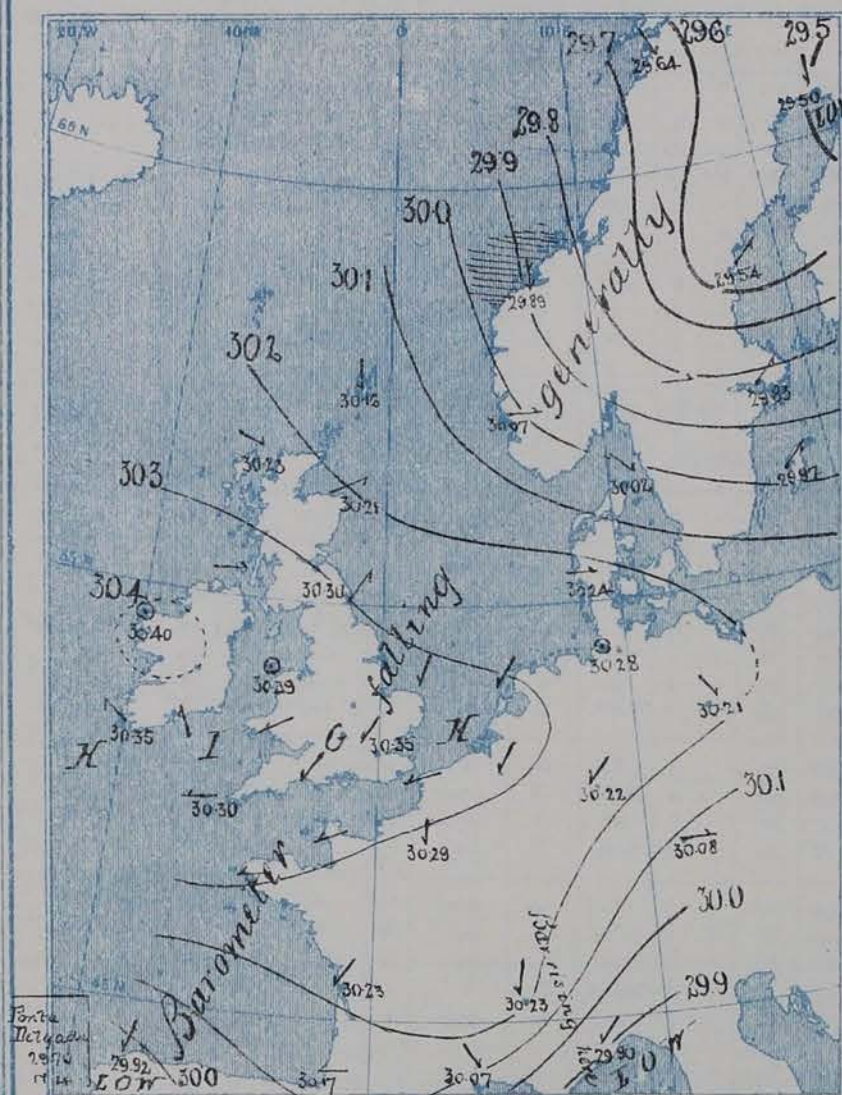
## I BAROMETER, WIND AND SEA. This Morning.

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

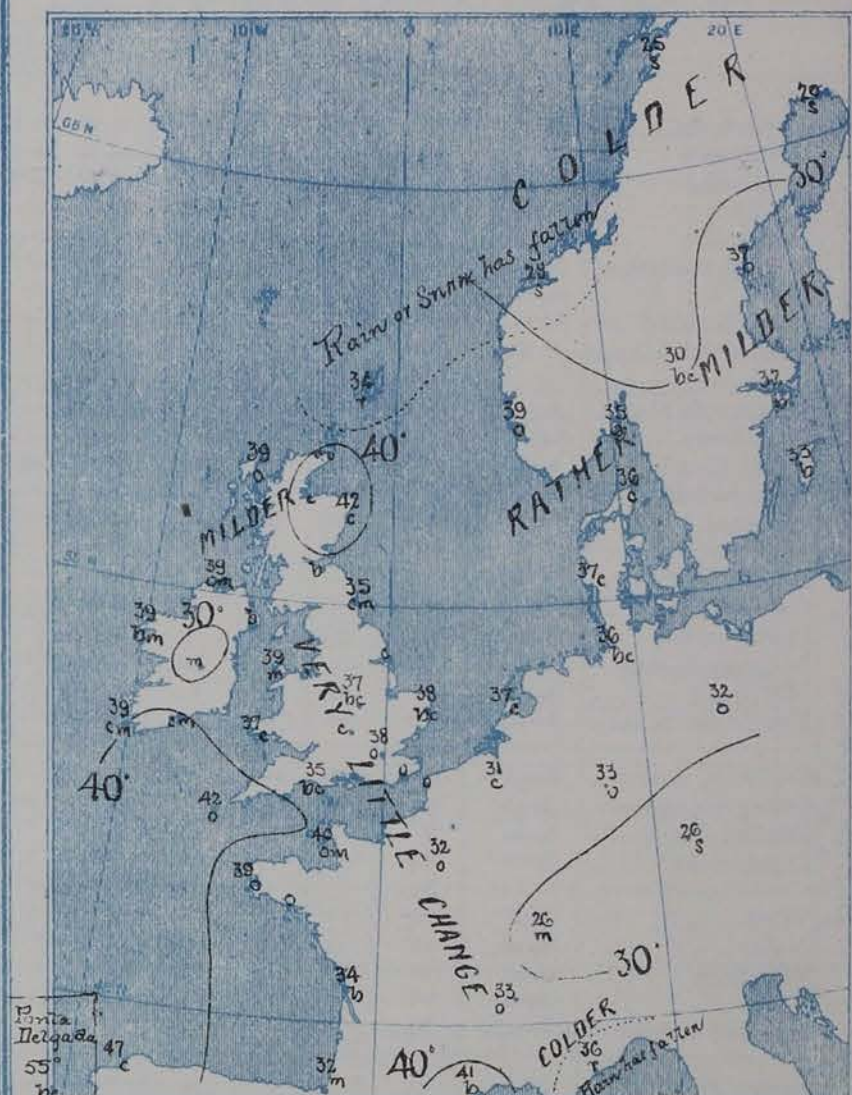


## II TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

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—0.8



## III BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM TEMPERATURE

for the Two monthly period. March-April. (1871-1900.)



## V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period. March-April. (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The anticyclone recently noticed over Western Europe has diminished in height and has moved southwards, its central area, with readings about 30.4 in., being now reported over the west of Ireland. A depression, with readings below 29.5 in., is reported over Lapland, and another system, with readings below 29.8 in., off the southwest of Spain, and under the influence of one or other of these disturbances the barometer is falling generally.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is light to moderate from the W<sup>nd</sup> or NW<sup>nd</sup> over the northern parts of Great Britain and also on the eastern shores of the North Sea, but draws into SW. in Sweden; on the west coast of Norway it is strong to a gale from N. or NW. Over the Netherlands, France, Spain, and the south of England it is chiefly NE<sup>ly</sup>, while in Ireland it is SE<sup>ly</sup> or N<sup>ly</sup>. Temperature has fallen in the north of England and also in the north of Scandinavia, but has changed little and irregularly elsewhere. The morning readings are still low for the time of year, the lowest reported in our Islands being 27° at Parnassus and 30° at Newtonlough. Frost is also prevalent in many parts of Belgium, Germany and Central France, and in Scandinavia, the readings being as low as 20° at Haparanda and 25° at Umeå. The weather is fair or fine over Western Europe as a whole, but is dull at all our extreme northern stations, with rain in the north of Scotland, and snow over the northern parts of Scandinavia. The sea is moderate or slight generally, but rather rough at Christiansund.

(During yesterday the thermometer remained below 45° over the greater part of England, but exceeded that point at many of the Irish and Scotch stations, and reached 49° at Parnassus and Valencia. Frost occurred over our Islands at night, the lowest readings reported being (1) In the screen 25° at Parnassus, 23° at Donaghadee, and 31° at Stromoway, Naun, and Shields; (2) On the grass 24° in London and 25° at Oxford. The amount of Bright Sunshine was small over Great Britain, but larger in Ireland, at Parnassus it was as much as 7.5 hours.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS \*

For the 24 hours ending at NOON on 25<sup>th</sup> MARCH 1901

### DISTRICTS.

### FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

NONE ISSUED.

### DISTRICTS.

### FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

NONE ISSUED.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on Sea	*	*	*	*	*	*	*	*	*	*	c	*	o.c	41	32	0.2	—
Newton Reigny (Penrith)	30.48	37	NNE 1	c	30.35	— .20	30	29	— 6	2 0	6	*	og. 6	43	24	0.1	—
Bath	30.44	42	NE 1	o	30.37	— .14	37	34	— 2	ENE 1	c	*	o	44	33	0.0	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	44	36	o. c	0.0	—	Llandudno	*	*	*	5.2	*
Hastings	*	*	*	0.7	*	Rhyl	*	*	*	*	*
Eastbourne	*	*	*	*	*	Southport	*	*	*	0.3	*
Brighton	*	*	*	*	*	Manchester, 9 p.m.	44	38	o. bc. o	0.2	—
Worthing	*	*	*	0.0	*	Darwen, 9 p.m.	42	32	c. o. m. w.	0.2	—

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) March 23	64	54	b, o	Ins.	Algiers	68	54	c. b	—
Madrid	57	30	b, b	—	Tunis	68	46	o. c	—
Corsica (I. Sanguinaires)	61	45	f, r	0.16	Vienna	44	28	b, o	—
Rome	59	48	o, c	—	St. Petersburg	27	0	b, f	—
Florence	57	46	o, o	—	Lugano	57	—	b	Measured 7 a.m. 22nd
Trieste	48	37	bc, b	—	Davos	27	—	s	0.08
Brindisi	64	48	c, o	—	Lucerne	32	—	o	0.55
Naples	59	48	o, o	0.12	Lausanne	32	—	o	0.55
Palermo	68	50	o, r	0.20					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	MARCH 24 1901	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	5.50	12.0	6.10
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	5.57	12.7	6.17
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	6.7	12.19	6.30
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	6.38	12.48	6.58
Portugal	8 a.m. (Lisbon)	8.36 a.m.						

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for 8 a.m. on Monday, 25<sup>th</sup> March,

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		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine Hours	Rainfall Ins.			
		At 82° and M.S.L.	Ins.	Dry Bulb.	Dirac.		Force (0 to 12.)	Weather.	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.			Dirac.	Force (0 to 12.)			Weather.	Max.	Min.
SCANDINAVIA.	Haparanda ...	29.82	5	H	2	b	29.83	+ .33	3	1	- 17	2	0	b	*	b	32	- 4	*	-		
	Hernösand ...	29.62	23	H	6	S	29.70	+ .16	18	11	- 24	2	0	b	*	S	41	313	*	0.28		
	Stockholm ...	29.49	32	NNE	6	S	29.53	- .30	21	18	- 11	NE	6	0	*	S	43	21	*	0.24		
	Wisby ...	29.55	37	W	6	b	29.98	- .59	28	26	- 5	NE	8	8	*	b	39	28	*	-		
	Karlstad ...	29.52	29	NNE	8	S	29.72	- .16	20	17	- 10	NNE	6	b	*	S	*	*	*	0.04		
	Færder (X'iania Fjord)	29.57	32	NNE	6	S	29.77	- .18	26	23	- 9	H	6	b	3	S	39	25	*	-		
	Bodö ...	29.67	20	H	4	C	29.61	- .03	22	18	- 3	H	6	0	3	C	25	16	*	-		
	Christiansund ...	29.86	26	H	7	S	29.83	- .06	27	26	- 1	H	6	b	6	S	28	23	*	0.28		
	Skudesnaes ...	29.84	28	NNE	6	bc	29.88	- .19	26	24	- 13	NNE	4	b	1	bc	39	25	*	*		
	Sumburgh Head ...	30.09	28	N	4	C	30.08	- .08	28	26	- 6	H	8	bcsp	4	C	36	24	*	0.01		
BRITISH ISLANDS.	Stornoway ...	30.24	33	NE	6	0	30.25	+ .02	27	25	- 12	NE	6	0 S	6	pr.s.0	39	24	0.0	0.10		
	Malin Head ...	30.17	44	W	3	ogm	30.20	- .17	34	32	- 5	NE	5	bcsp	4	ogm	45	32	*	0.02		
	Blacksod Pt. ...	30.26	42	NW	2	bm	30.21	- .19	37	36	- 2	NE	5	bc	5	bc.bm	44	35	*	0.01		
	Valencia ...	30.21	45	NNE	3	ogm	30.11	- .24	40	38	+ 1	H	5	ogmr	4	bc.ogm	49	35	3.0	-		
	Roche's Point ...	30.21	42	SE	3	bc	30.07	- .31	39	37	- 3	H	5	m	4	m.bc	45	35	*	-		
	Parsonstown ...	30.22	43	H	1	C	30.14	- .26	32	31	+ 5	NNE	1	C	*	C	47	26	5.4	0.02		
	Donaghadee ...	30.18	46	NW	3	0	30.17	- .21	38	30	- 1	NE	5	bcg	5	0	48	31	*	-		
	Liverpool Obsy. ...	30.16	40	W	3	bc	30.04	- .33	31	29	- 8	NNE	2	S	2	bc.S	44	30	*	0.03		
	Holyhead ...	30.20	42	NW	1	bc	30.05	- .34	38	32	- 6	E	4	sm	3	0.bc	44	32	*	0.07		
	Pembroke (St. Ann's)	30.19	41	NW	4	b	29.98	- .38	40	40	+ 3	H	4	cp	4	b	44	36	5.8	0.01		
GERMANY, &c.	Scilly (St. Mary's) ...	30.17	42	ENE	4	C	29.96	- .34	43	39	+ 1	H	4	0	2	0.C	45	38	0.7	-		
	Jersey (St. Aubin) ...	30.17	42	NE	3	bc	29.96	- .37	37	35	- 3	WSW	2	om	2	C.b.cw	45	32	5.6	-		
	Portland Bill ...	30.19	38	WSW	1	b	29.93	- .45	38	37	+ 3	NW	1	bm	1	b	41	34	*	-		
	Dungeness ...	30.15	39	NE	2	bc	29.85	- .49	36	34	- 2	NNE	2	C	2	0.bc	42	30	*	-		
	Wick ...	30.15	29	H	4	C	30.13	- .02	30	30	- 12	H	4	bc	2	C.S	42	23	*	0.25		
	Nairn ...	30.17	33	NNE	4	S	30.17	- .05	30	29	- 12	H	3	b	1	r.sh	45	25	*	0.10		
	Aberdeen ...	30.11	32	NNE	5	oggs	30.11	- .10	28	27	- 14	NNE	3	C	3	oggs	46	23	0.1	0.10		
	Leith ...	30.06	44	NE	2	0	30.12	- .18	34	31	- 3	H	4	b	*	0.r.s.p	50	26	*	0.05		
	North Shields ...	30.04	46	W	2	C	30.02	- .28	28	28	- 7	NW	3	C.S	3	C.S	48	26	*	0.02		
	Spurn Head ...	30.05	44	NW	4	bc	29.94	- .41	36	35	- 3	H	5	0	5	bc.sp	45	32	*	0.03		
FRANCE.	Yarmouth ...	30.11	40	SSE	2	bc	29.87	- .46	35	33	- 3	NNE	5	C.S	5	bc	41	33	*	0.03		
	Loughborough ...	30.13	44	WNW	3	bc	29.97	- .41	31	31	- 6	NNE	2	S	*	bc.C.08	50	30	*	0.11		
	Oxford ...	30.11	39	NW	1	bc	29.93	- .45	34	33	- 2	H	3	TS	*	C.b.c.m	47	32	*	0.01		
	London (Brixton) ...	30.15	40	NNE	1	b	29.89	- .46	35	35	- 3	NE	3	0.S	2	om.b.0	42	30	0.0	-		
	The Scaw (Skagen) ...	29.59	35	NW	6	0	29.71	- .31	27	26	- 9	NNE	6	b	2	0	43	26	*	-		
	Fanö ...	29.82	38	SW	6	*	29.80	- .44	28	27	- 9	NW	4	bc	2	r	41	27	*	0.04		
	Cuxhaven ...	30.02	36	W	2	b	29.77	- .51	32	31	- 4	H	1	0.S	*	b	41	30	*	-		
	The Helder ...	30.06	39	WNW	2	0	29.82	- .52	33	32	- 4	NE	3	0	2	0	41	31	*	0.34		
	Brussels ...	*	*	*	*	*	29.87	- .44	31	30	0	SW	2	0	*	b	45	28	*	-		
	Berlin ...	29.99	36	W	2	b	29.75	- .46	35	33	+ 3	SW	4	C	*	b	43	32	*	-		
SPAN. PEN.	Frankfurt ...	30.06	34	H	2	bc	29.88	- .34	29	28	- 4	SW	2	b	*	bc	41	27	*	-		
	Munich ...	30.02	26	SW	2	0	29.86	- .22	27	26	+ 1	SW	2	0	*	0	32	25	*	0.04		
	C. Gris Nez ...	30.13	38	ENE	1	bc	29.89	- .41	37	?	0	NW	3	m	3	bc	45	32	*	-		
	Brest ...	30.10	47	NE	2	b	30.00	- .32	33	32	- 6	ESE	1	b	1	b	50	32	*	-		
	Lorient ...	30.17	46	E	5	b	29.95	- .34	34	33	- 3	ENE	4	b	4	b	50	34	*	-		
	Roche fort ...	30.04	47	NE	4	b	29.86	- .37	34	32	0	NE	4	bc	*	b	55	30	*	-		
	Biarritz ...	29.93	50	ENE	4	b	29.78	- .39	38	35	+ 6	E	3	C	1	b	54	32	*	-		
	Paris ...	30.11	41	C	2	b	29.89	- .40	29	29	- 3	NW	1	b	*	b	45	26	*	-		
	Belfort ...	30.05	30	ENE	2	m	29.84	- .27	28	27	+ 2	ENE	3	m	*	m	36	?	*	-		
	Lyon ...	30.07	35	H	2	0	29.91	- .32	30	27	- 3	NW	1	b	*	0	37	27	*	-		
SPAN. PEN.	Nice ...	29.88	40	W	0	r	29.85	- .05	39	37	+ 3	ENE	2	0	2	r	48	36	*	0.04		
	Perpignan ...	29.93	49	NE	2	b	29.84	- .23	42	39	+ 1	SE	2	0	*	b	58	35	*	-		
Corunna ...	29.75	56	SW	4	0	29.78	- .01	55	51	+ 2	WSW	4	b	*	0	63	52	*	0.08			
Lisbon ...	29.85	55	H	3	bc	29.88	+ .18	55	52	0	H	2	bc	2	bc	64	50	*	-			
Azores (P. Delgada)																						

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

† Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR Monday, 25<sup>th</sup> March, 1901.

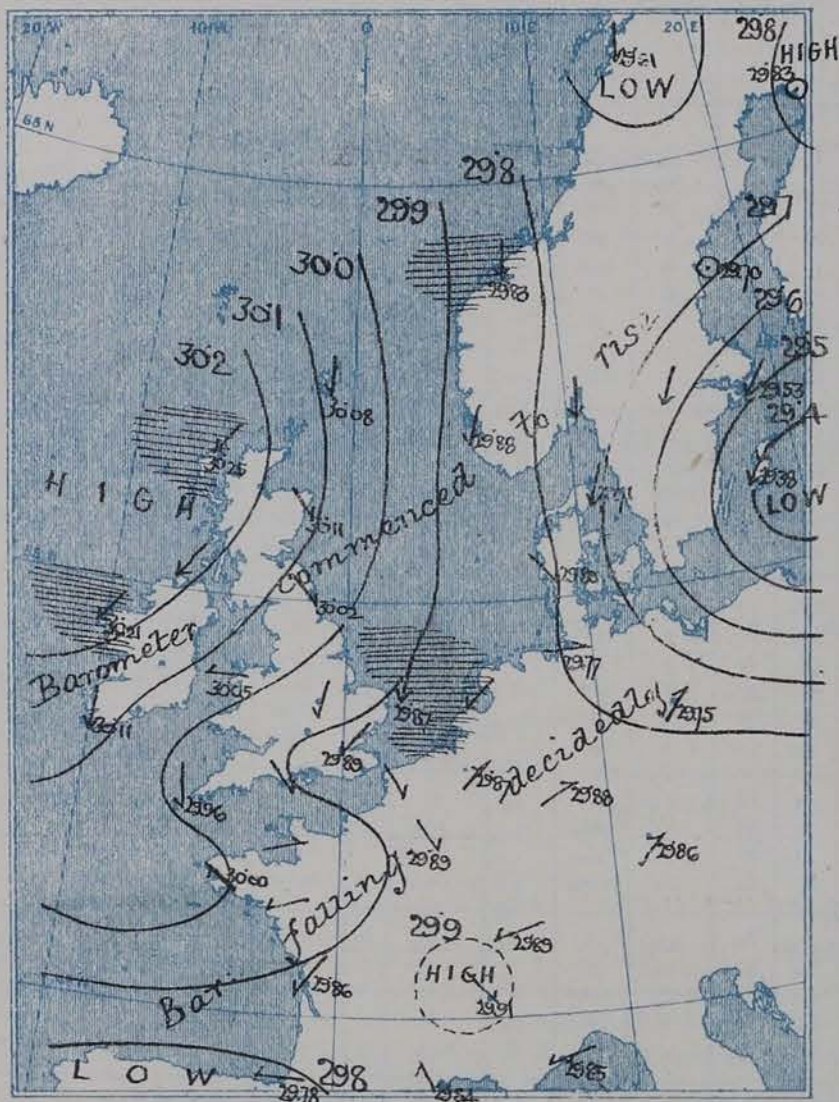
## I. BAROMETER, WIND AND SEA. This Morning.

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

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

Force above 10 → : Force 6 to 7 → : Calm ☉  
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High

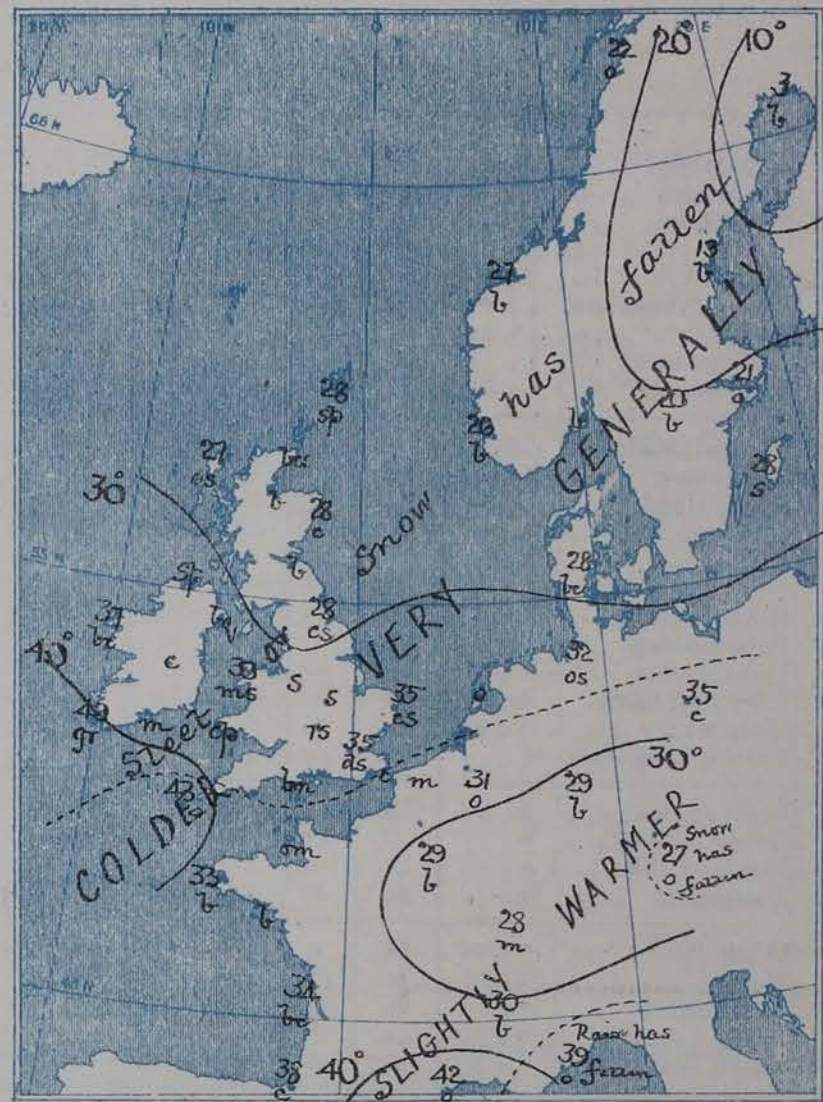


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



## III. BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM TEMPERATURE

for the Two monthly period March-April. (1871-1900.)



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the Two monthly period March-April. (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Since yesterday morning a well-marked depression has travelled southwards across Scandinavia, while a small secondary system has advanced in a similar direction over Great Britain. The centre of the primary is now situated over the northern part of the Baltic, where the barometer is below 28.4 in. The secondary system is passing across the south of England, and in its rear the barometer is rising over the greater part of the United Kingdom, the highest readings 30.2 in. and upwards, being found in an anticyclone lying off our extreme northwest coast.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

N<sup>w</sup> (NW to NE) winds are again reported over Western Europe generally; in our Islands they are light to fresh in force but in Scandinavia they blow strongly, with a gale at Nisy. In Belgium and Germany the wind is chiefly SW. The N<sup>w</sup> wind has brought with it a general fall of temperature, and the readings are now considerably below the average in nearly all places. In our Islands the deficiency amounts in many cases to more than 10°, and over the northern part of Great Britain frost is general, the lowest reading reported being 27° at Stromsøy and Newton Key (Pewit). In Germany and Central France the thermometer is almost equally low, while in Sweden there is a severe frost, the readings being as low as 3° at Haparanda and 15° at Helsingfors. Snow or sleet is falling in many parts of Great Britain, as well as at Cusham and Nisy, and rain at Valurien (Ireland). Over the western part of the Continent generally the weather is, however, fine. The sea is rough at Stromsøy and Chaitanund, and rather rough on our extreme northwest coast generally, as well as off the east of England. Frost occurred last night over a considerable portion of the United Kingdom the lowest readings reported being:— (1) In the snow 23° at Wick, Nairn, and Aberdeen, and 24° at Sumburg H<sup>d</sup> and Stromsøy; (2) On the grass 22° in London and 26° at Oxford. The amount of Bright Sunshine accorded yesterday was small generally, but rather large at some of our western stations, the longest duration reported being 8.0 hours at Rhyll. Snow or sleet has fallen over northwestern Europe generally.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depressions noticed above will probably continue to move southwards. Another disturbance is, however, appearing off the northwest of Norway, and further small secondary systems are likely to advance over the United Kingdom. Cold changeable weather will probably continue for at least a day or two, with snow or sleet showers in nearly all districts.

## FORECASTS \*

For the 24 hours ending at NOON on 26<sup>th</sup> MARCH 1901

### DISTRICTS.

### FORECASTS:

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

N<sup>w</sup> winds, moderate or fresh, changeable, some snow showers.

N<sup>w</sup> and NE<sup>w</sup> winds, moderate or fresh; changeable, some snow showers.

### DISTRICTS.

### FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Same as N<sup>o</sup> 0 to 2.

Same as N<sup>o</sup> 3 to 5.

N<sup>w</sup> to NE<sup>w</sup> or E<sup>w</sup> winds, fresh; changeable, some snow showers.

NE<sup>w</sup> winds, fresh; fair generally, but snow showers in places.

Same as N<sup>o</sup> 8

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	b.c.b	44	31	3.0	0.02
Newton Reigny (Penrith)	30.07	39	W 4	0	30.07	-28	27	26	-3	d 4	b	*	b.c.g.s	45	25	6.5	0.02
Bath	30.15	41	NE 1	b	29.89	-48	35	34	-2	HW 1	S	*	c.b	46	29	4.4	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	49	36	c. o. b	2.6	-	Llandudno	*	*	*	5.9	*
Hastings	*	*	*	3.6	*	Rhyl	*	*	*	8.0	*
Eastbourne	*	*	*	4.4	*	Southport	*	*	*	6.4	*
Brighton	*	*	*	4.8	*	Manchester, 9 p.m.	*	*	*	*	*
Worthing	*	*	*	4.8	*	Darwen, 9 p.m.	44	30	b.c.v. o.m	6.2	-

## TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal)				Ins.	Algiers			Information	Ins.
Madrid					Tunis			not	
Corsica (I. Sanguinaires)			Information		Vienna			received	
Rome			not		St. Petersburg				
Florence			received		Lugano	1 p.m.		b	Measured 7 a.m. 25
Trieste					Davos	48		b	
Brindisi					Lucerne	23		b.c	
Naples					Lausanne	34		b	
Palermo						32			

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

MARCH 25 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.48	11.59	6.11
Greenwich	5.54	12.6	6.18
Wick	6.4	12.18	6.33
Valencia	6.35	12.47	6.59

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 " " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on *Tuesday 26<sup>th</sup> March, 1901.*  
*Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.*

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine Hours	Rainfall Ins.		
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.									
Ins.	Ins.	°	°	Ins.	Ins.	°	°	°	°	°	°	°	°	°	°	°	°	°			
SCANDINAVIA.	Haparanda	29.54	5	N	2	b	29.52	- .31	7	6	+ 4	N	4	o	*	b	19	-44	*	-	
	Hernösand	29.49	20	Z	0	bc	29.51	- .19	13	12	+ 0	N	8	s	*	bc	25	10	*	-	
	Stockholm	29.68	15	SSW	2	b	29.59	+ .06	18	16	- 3	WSW	2	c	*	b	32	14	*	-	
	Wisby	29.73	22	NW	6	bc	29.70	+ .32	26	22	- 2	WSW	6	bc	*	bc	28	19	*	-	
	Karlstad	29.71	23	WNW	6	c	29.67	- .05	18	16	- 2	NE	4	b	*	c	*	*	*	-	
	Færder (X'ania Fjord)	29.73	31	W	4	b	29.66	- .11	26	22	+ 0	NNW	3	b	2	b	31	23	*	-	
	Bodö	29.68	14	ENE	2	b	29.69	+ .08	13	10	- 9	E	4	b	1	b	22	9	*	-	
	Christiansund	29.73	26	N	3	s	29.63	- .20	24	23	+ 3	SW	4	s	5	s	30	21	*	0.12	
Skudesnaes	29.86	30	N	4	c	29.72	- .16	27	27	+ 1	N	4	c	2	c	36	23	*	*		
BRITISH ISLANDS.	Sumburgh Head	30.02	29	NNW	3	c	29.82	- .26	28	26	+ 0	N	3	s	4	b, c	31	24	*	0.03	
	Stornoway	30.22	33	N	6	bc	30.04	- .21	31	30	+ 4	NE	6	s	6	csp, bc	33	25	8.5	0.12	
	Malin Head	30.21	34	N	5	bc	30.10	- .10	35	35	+ 1	NW	3	csp	3	b, bcsp	36	32	*	0.02	
	Blacksod Pt.	30.25	37	NE	5	bc	30.24	+ .03	38	37	+ 1	Z	0	b	2	bcsp	39	27	*	0.02	
	Valencia	30.19	39	NNE	4	bc	30.27	+ .16	31	29	- 9	Z	0	bm	3	bq, bc	42	26	7.9	-	
	Roche's Point	30.15	36	NE	5	b	30.25	+ .18	33	30	- 6	N	3	b	3	b	45	30	*	-	
	Parsonstown	30.17	35	N	1	bc	30.22	+ .08	24	26	- 6	NNW	1	b	*	bc	39	20	8.8	-	
	Donaghadee	30.15	37	NNE	3	b	30.11	- .06	31	31	- 2	WSW	2	c	3	b, sp	37	28	*	0.02	
Liverpool Obsy.	30.07	31	N	3	s	30.07	+ .03	32	31	+ 1	NW	3	bc	2	s	38	27	*	0.04		
Holyhead	30.10	36	NNE	4	c	30.11	+ .06	35	34	+ 2	NW	2	csp	1	csp	36	30	*	0.01		
Pembroke (St. Ann's)	30.04	33	NNE	5	b	30.12	+ .14	32	31	- 8	NNE	4	csp	2	c, b	42	29	2.9	0.01		
GERMANY, &c.	Scilly (St. Mary's)	29.94	40	NNE	5	c	30.09	+ .13	39	35	- 4	NNE	5	c	2	c, c	46	32	1.4	-	
	Jersey (St. Aubins)	29.83	43	NE	3	o	30.03	+ .07	37	33	+ 0	NE	3	bc	3	c, of, rs	46	32	3.3	0.22	
	Portland Bill	29.94	33	NNE	2	c	30.06	+ .13	29	28	- 9	N	3	bm	3	sm, c	40	27	*	0.15	
	Dungeness	29.85	36	ENE	6	c	29.98	+ .13	29	28	- 7	N	5	c	3	bc, c	38	25	*	0.03	
	Wick	30.12	30	N	4	bc	29.90	- .23	30	29	+ 0	N	5	bc, u	3	bc	35	25	*	0.08	
	Nairn	30.16	32	NNW	3	bc	29.98	- .19	28	28	- 2	Z	0	s	1	bc	34	25	*	0.05	
	Aberdeen	30.11	28	NW	4	c	29.91	- .20	29	28	+ 1	W	4	bc, sp	3	bc, sp	34	24	4.0	0.17	
	Leith	30.12	33	NNE	2	bc	29.99	- .13	33	32	- 1	W	3	b	*	bc	38	25	*	-	
North Shields	30.06	32	N	2	c	29.98	- .04	24	24	- 4	WNW	3	b	3	chsp	36	21	*	0.25		
FRANCE.	Spurn Head	29.98	33	NNE	5	bc	29.94	+ .00	29	27	- 7	WNW	7	b	6	bc, sp	38	26	*	0.03	
	Yarmouth	29.90	36	NNE	5	c	29.98	+ .03	32	31	- 3	NW	4	bm	4	bc, chg	39	26	*	0.03	
	Loughborough	30.01	32	NNE	4	c	30.04	+ .07	26	24	- 5	W	2	b	*	bc, sp, b	37	21	*	0.06	
	Oxford	30.01	30	NNE	2	b	30.05	+ .12	29	28	- 5	N	3	b	*	sp, b	38	26	*	0.02	
	London (Brixton)	29.92	35	NNE	3	bc	30.01	+ .12	29	28	- 6	NNW	1	bc	*	os, b, bc	38	27	0.0	0.03	
	The Scaw (Skagen)	29.78	28	WSW	2	b	29.67	- .04	27	26	+ 0	NW	1	b	0	b	32	23	*	-	
	Fanö	29.90	25	NW	1	b	29.78	- .02	29	28	+ 1	WNW	2	bc	*	b	34	25	*	0.08	
	Cuxhaven	29.83	32	N	5	bc	29.84	+ .07	30	30	- 2	SW	2	b	*	sq, bc	36	23	*	0.08	
SPAIN, &c.	The Helder	29.88	33	NE	3	b	29.85	+ .03	36	33	+ 3	W	2	bc	2	b	37	28	*	-	
	Brussels	*	*	*	*	*	29.94	+ .07	30	26	- 1	NE	1	b	*	o	35	21	*	0.04	
	Berlin	29.74	32	NW	3	o	29.80	+ .05	26	24	- 9	NW	4	b	*	o	37	23	*	0.04	
	Frankfurt	29.74	31	N	6	s	29.82	- .06	27	26	- 2	N	5	bc	*	s	45	27	*	-	
	Munich	29.73	32	Z	0	b	29.66	- .20	32	30	+ 5	Z	0	o	*	b	34	23	*	0.04	
	C. Gris Nez	29.86	32	E	5	r	29.94	+ .05	28	28	- 9	SSW	1	s	1	r	39	27	*	-	
	Brest	29.86	46	N	3	o	30.01	+ .01	33	33	+ 0	NE	1	c	2	o	46	32	*	0.04	
	Lorient	29.84	43	N	3	c	29.95	+ .00	37	33	+ 3	NNE	5	b	3	c	52	34	*	-	
SPAN. PEN.	Rochefort	29.82	48	N	3	bc	29.82	- .04	38	37	+ 4	NE	3	o	*	bc	55	32	*	-	
	Biarritz	29.82	48	WNW	4	b	29.85	+ .07	47	41	+ 9	WNW	5	c	3	b	52	38	*	-	
	Paris	29.78	41	NNW	2	o	29.91	+ .02	27	26	- 2	N	3	b	*	o	46	26	*	0.04	
	Belfort	29.69	39	WSW	2	bc	29.69	- .20	28	27	+ 0	ENE	5	s	*	bc	46	28	*	-	
	Lyons	29.78	41	Z	0	o	29.75	- .16	33	31	+ 3	NNW	1	o	*	o	48	30	*	-	
	Nice	29.83	40	SW	1	bc	29.66	- .19	40	37	+ 1	ENE	2	c	2	bc	45	36	*	-	
	Perpignan	29.74	44	E	2	b	29.74	- .10	46	41	+ 4	NE	2	o	*	b	50	38	*	-	
	Corunna	29.78	55	SW	3	bc	29.80	+ .02	56	55	+ 1	Z	0	bc	*	bc	61	52	*	0.20	
Lisbon	29.95	35	SSW	2	bc	29.97	+ .09	58	55	+ 3	E	3	c	3	bc	63	54	*	-		
Azores (P. Delgada)	29.95	35	SSW	2	bc	29.97	+ .09	58	55	+ 3	E	3	c	3	bc	63	54	*	-		

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

\* Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR *Tuesday, 26<sup>th</sup> March, 1901.*

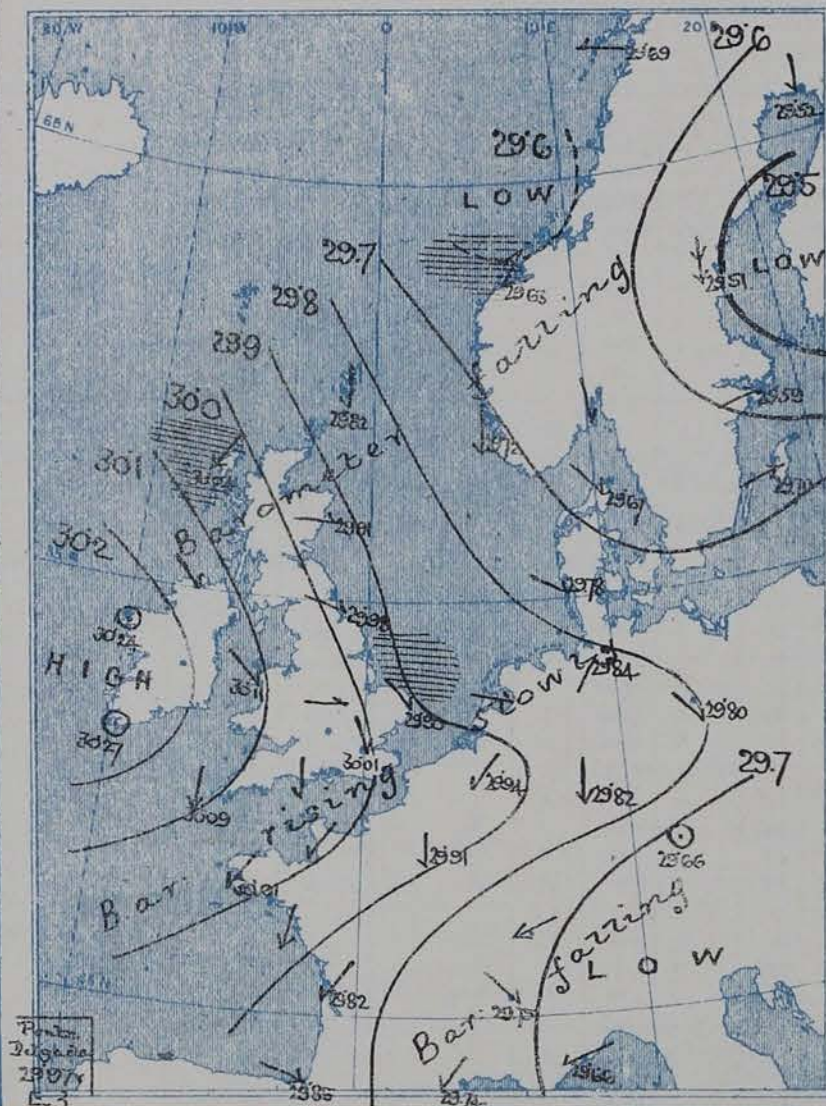
## I. BAROMETER, WIND AND SEA. *This Morning.*

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

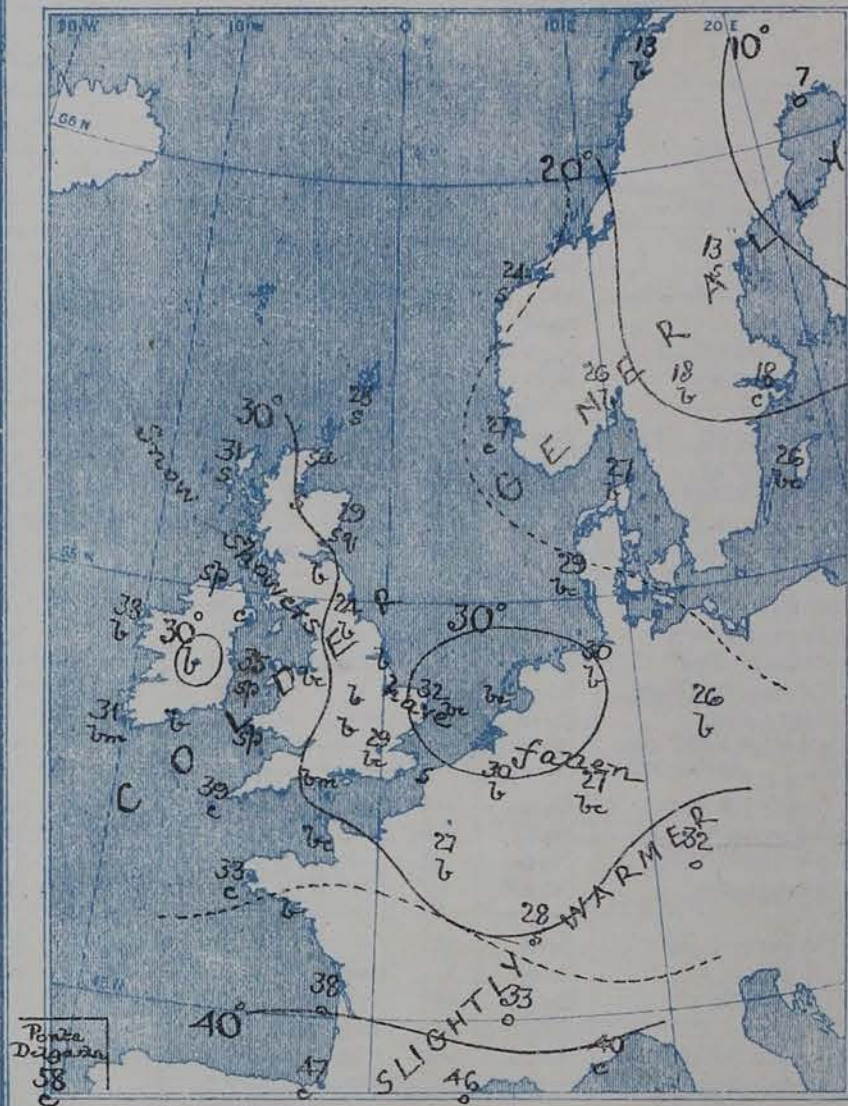


## II TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

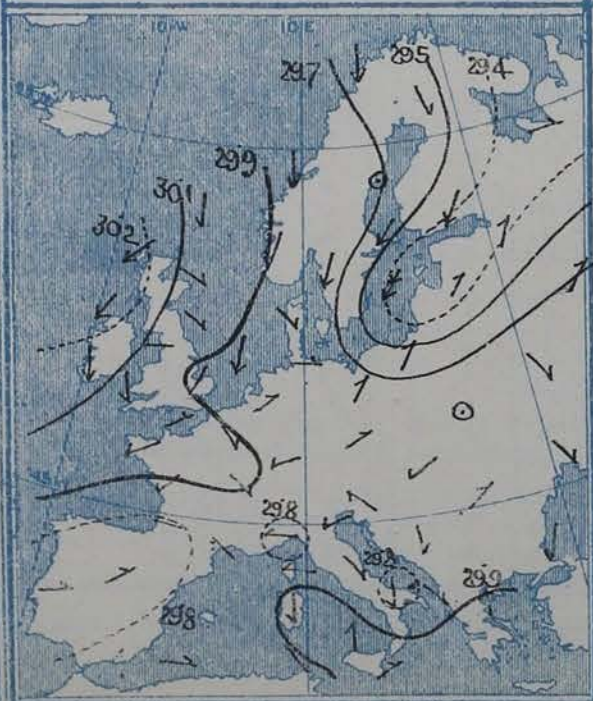
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

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



## III BAROMETER AND WIND

*Yesterday morning.*



## IV. Means of DAILY MINIMUM TEMPERATURE for the Two monthly period March-April (1871-1900.)



## V. Means of DAILY TEMPERATURE at 8 am. for the Two monthly period March-April (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

There is in this morning's reports a continuance of the main features in pressure-distribution shown yesterday. The barometer readings now range from 30.2 ins. and more over Ireland to 29.7 ins. on the SW coast of Norway and to 29.5 ins. over the Gulf of Bothnia. The barometer is now falling on our N. and N.E. coasts, rising in the far west.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The winds reported continue NW<sup>ly</sup> and N<sup>ly</sup> in direction as a whole, and are fresh in force in the north and northeast, light to calm in Ireland; and the presence of SW<sup>ly</sup> or W<sup>ly</sup> breezes (as at Christiansund and Aberdeen) is purely temporary and local. A N<sup>ly</sup> gale is reported at Helsingør, a strong WSW wind at Wisby. Temperature is very low generally for the time of year; it varies from 39° at Skilly and 38° at Blackhead Point to 26° at Parsonstown and Loughborough, 24° at Shields, 18° at Karlstad, 7° at Haparanda. The readings from the Spanish Peninsula are much higher. Snow is again falling at many of our northwestern and northern stations, in the south and west the sky is temporarily clear and bright. The sea is rough at some N<sup>ly</sup> and E<sup>ly</sup> stations, slight on our S. coast. Bright Sunshine amounted to 8.5 hrs. at Stornoway; it was considerable (7 hrs and more) in the NW. of England, but over our SW<sup>ly</sup> and SE<sup>ly</sup> coasts there was hardly any. Minimum temperatures were recorded last night as low as 21° at Loughborough and Shields, 20° at Parsonstown, 26° at Valencia. Amounts of snow were not large.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure is indicative of a continuance of cold winds. The fall in progress in the N. and N.E. is apparently due to secondary disturbances moving from N. to S. bringing with them in their front showers of snow but leaving clearer weather in their rear.

## FORECASTS\*

For the 24 hours ending at NOON on 27<sup>TH</sup> MARCH 1901

### DISTRICTS.

### FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

N<sup>ly</sup> winds, fresh; snow showers, very cold tonight, but clear.

NW<sup>ly</sup> and N<sup>ly</sup> winds, fresh; very cold, snow showers and bright intervals.

### DISTRICTS.

### FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Same as Nos 0 and 1.

Same as Nos 2 to 5.

NW<sup>ly</sup> and N<sup>ly</sup> breezes, light; fine, very cold.

None issued.

### WARNINGS

Note.—The South Cone, point downwards (T), 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 (T), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton on Sea	*	*	*	*	*	*	*	*	*	*	b	*	c, bc	38	25	2.0	-
Newton Reigny (Penrith)	30.10	29	N 4	c	30.03	- .04	27	27	0	NW 2	b	*	bc, sp	35	20	7.0	-
Bath	29.95	34	NNW 3	bc	30.08	+ .19	28	27	- 7	WNW 1	m	*	bc	38	22	0.2	0.04

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	37	28	sp. b	2.0	0.13	Llandudno	*	*	*	7.5	*
Hastings	*	*	*	0.0	*	Rhyl	*	*	*	7.5	*
Eastbourne	*	*	*	0.0	*	Southport	*	*	*	6.4	*
Brighton	*	*	*	0.0	*	Manchester, 9 p.m.	40	30	s. bc	4.1	0.02
Worthing	*	*	*	0.2	*	Darwen, 9 p.m.	38	26	bc, rs, br	6.3	0.02

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) March 25	-	-	-	Ins.	Algiers	59	52	c, bc	-
Madrid	63	43	c, o	-	Tunis	59	39	bc, bc	-
Corsica (I. Sanguinaires)	59	43	r, b	-	Vienna	36	28	b, o	-
Rome	55	43	o, bc	-	St. Petersburg	41	18	o, s	-
Florence	48	37	o, b	-	Lugano	1 p.m.	-	Information	Measured 7 a.m.
Trieste	43	36	c, o	-	Davos	-	-	not	-
Brindisi	54	43	c, o	-	Lucerne	-	-	received	-
Naples	55	45	o, o	0.16	Lausanne	-	-	-	-
Palermo	63	43	c, bc	-					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	MARCH 26 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	5.45	11.59	6.13
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	5.52	12.6	6.20
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	6.1	12.18	6.36
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	6.33	12.47	7.1
Portugal	8 a.m. (Lisbon)	8.36 a.m.						

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 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on Wednesday 27<sup>th</sup> March, 1901.  
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
	Barom.	Temp.	Wind.		Weather.	Sea.	Barometer.		Temperature.			Wind.		Weather.	Sea.	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.	
	At 28° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)			At 28° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)				Max.	Min.			
	Ins.						Ins.	Ins.	°	°											
SCANDINAVIA.	Haparanda ...	29.67	12	N	2	c	29.75	+ .23	9	7	+ 2	NNW	2	b	2	c	19	0	*	-	
	Hernösand ...	29.67	7	Z	0	b	29.80	+ .29	9	8	- 4	Z	0	f	2	b	21	7	*	-	
	Stockholm ...	29.77	16	Z	0	b	29.82	+ .23	18	16	0	E	2	f	2	b	23	12	*	-	
	Wisby ...	29.72	22	NW	4	c	29.73	+ .03	25	24	- 1	SE	4	s	2	c	30	2	*	0.35	
	Karlstad ...	29.71	21	NW	2	b	29.75	+ .08	18	15	0	SSW	4	b	2	b	2	2	*	-	
	Färder (Öfania Fjord) ...	29.62	28	SE	2	b	29.63	- .03	26	24	0	E	2	o	2	b	28	25	*	-	
	Bodö ...	29.80	13	E	4	b	29.88	+ .19	12	8	- 1	E	4	b	1	b	14	9	*	-	
	Christiansund ...	29.60	23	ESE	3	b	29.70	+ .07	18	15	- 6	ESE	3	b	4	b	27	16	*	-	
BRITISH ISLANDS.	Skudesnaes ...	29.61	30	NNW	4	c	29.57	- .15	30	27	+ 3	ESE	4	c	2	c	32	27	*	-	
	Sumburgh Head ...	29.71	27	N	3	b	29.57	- .25	27	26	- 1	N	3	s	4	s, b	31	24	*	0.04	
	Stornoway ...	29.96	32	N	6	b	29.87	- .17	29	28	- 2	NE	6	s	6	s, b	35	24	6.3	0.10	
	Malin Head ...	29.99	35	NW	5	cspq	29.91	- .19	32	31	- 3	N	5	b, spq	5	spq	37	29	*	0.10	
	Blacksod Pt. ...	30.08	42	NNW	5	cp	30.02	- .22	40	36	+ 2	N	5	csp	4	cp, cp	43	33	*	0.28	
	Valencia ...	30.18	45	NW	6	cq	30.02	- .25	41	39	+ 10	N	5	cpq	5	b, cp, cp	45	31	7.5	0.11	
	Roche's Point ...	30.09	40	NNW	5	r	29.97	- .28	39	37	+ 6	NNE	5	b	4	c, rs	45	33	*	0.15	
	Parsonstown ...	30.04	39	NW	1	r	29.97	- .25	33	33	+ 7	NW	1	o	2	c, rs	41	25	2.5	0.02	
GERMANY, &c.	Donaghadee ...	29.96	38	NW	4	cspq	29.88	- .23	33	33	+ 2	N	4	s	5	c, shp	41	29	*	0.07	
	Liverpool Obsy. ...	29.88	35	W	5	o	29.80	- .27	31	30	- 1	N	2	b	3	s, o	39	30	*	0.07	
	Holyhead ...	29.96	37	NW	4	csp	29.82	- .29	35	32	0	NW	5	chg	4	c, csp	40	30	*	0.09	
	Pembroke (St. Ann's) ...	29.99	39	WNW	4	c	29.89	- .23	37	35	+ 5	NNW	5	b	4	c, sp	40	30	4.1	0.08	
	Scilly (St. Mary's) ...	30.11	40	NW	5	c	29.91	- .18	41	39	+ 2	NNW	5	o	3	c	43	35	9.5	0.01	
	Jersey (St. Aubins) ...	30.04	39	ENE	3	b	29.87	- .16	38	35	+ 1	NW	3	c	3	b, sh	41	33	10.3	0.14	
	Portland Bill ...	30.00	36	WNW	4	b	29.83	- .23	36	35	+ 7	NW	4	c	2	c, b	38	29	*	-	
	Dungeness ...	29.90	33	NW	2	c	29.74	- .24	31	30	+ 2	NNW	3	c	2	c	39	26	*	-	
FRANCE.	Wick ...	29.80	27	N	6	s	29.69	- .21	28	28	- 2	N	5	cu	3	s	34	25	*	0.08	
	Nairn ...	29.89	31	NNW	4	o	29.78	- .20	28	28	0	WNW	5	b	3	o	35	25	*	0.02	
	Aberdeen ...	29.81	28	NW	4	cspq	29.69	- .22	28	27	- 1	NW	5	osq	4	b, spq	33	24	6.9	0.22	
	Leith ...	29.87	33	N	3	b	29.77	- .22	33	30	0	WNW	3	b	2	b	43	27	*	-	
	North Shields ...	29.84	33	N	2	b	29.70	- .28	28	28	+ 4	WNW	3	b	3	csp, b	37	22	*	0.03	
	Spurn Head ...	29.81	36	NW	5	b	29.67	- .27	29	29	0	WNW	6	b	5	b, q	39	27	*	-	
	Yarmouth ...	29.83	35	NW	3	c	29.64	- .26	31	30	- 1	WNW	5	b, m	4	sp, c	35	26	*	0.09	
	Loughborough ...	29.89	35	W	3	b	29.78	- .26	25	23	- 1	WNW	1	b	2	b, s, b	39	21	*	0.10	
GERMANY, &c.	Oxford ...	29.92	32	NW	2	o	29.79	- .26	30	29	+ 1	NW	2	b	2	b, o, sp	38	27	*	-	
	London (Brixton) ...	29.91	35	NNW	2	b, m	29.77	- .24	30	28	+ 1	NW	2	b	2	b, b, spq	39	27	5.3	-	
	The Scaw (Skagen) ...	29.65	29	SE	1	b	29.59	- .08	30	30	+ 3	SSE	4	c	1	b	32	27	*	-	
	Fanö ...	29.66	30	SSE	2	c	29.54	- .24	31	31	+ 2	ESE	2	c	2	c	34	27	*	0.04	
	Cuxhaven ...	29.73	32	SW	2	c	29.57	- .27	30	30	0	SW	3	osq	2	c	34	28	*	0.04	
	The Helder ...	29.75	33	W	3	c	29.59	- .26	31	31	- 5	WNW	2	s	2	c	39	30	*	0.08	
	Brussels ...	*	*	*	*	*	29.71	- .23	30	29	0	SW	4	s	2	b	38	26	*	0.04	
	Berlin ...	29.80	31	NW	2	b	29.75	- .05	27	24	+ 1	SW	3	b	2	b	34	23	*	-	
FRANCE.	Frankfurt ...	29.85	30	NE	4	b	29.82	00	26	24	- 1	SSW	4	b	2	b	37	23	*	-	
	Munich ...	29.71	28	SW	4	s	29.79	+ .13	23	21	- 9	W	5	b	2	s	34	21	*	0.04	
	C. Gris Nez ...	*	*	*	*	*	?	?	41	39	+ 8	NW	3	c	2	b	43	33	*	0.20	
	Brest ...	30.12	39	N	3	b	?	?	41	39	+ 2	N	4	b	4	c	52	36	*	0.08	
	Lorient ...	30.07	40	N	5	c	29.91	- .04	39	37	- 1	WSW	3	c	2	c, b	50	32	*	-	
	Rochefort ...	29.97	41	NE	5	b	29.98	+ .16	37	34	- 1	WSW	3	c	2	c	50	32	*	-	
	Biarritz ...	29.91	45	NNW	4	o	30.11	+ .26	34	27	- 13	E	2	b	2	o	52	34	*	-	
	Paris ...	29.95	34	NNW	2	b	29.85	- .06	29	28	+ 2	SSW	2	o	2	b	41	25	*	-	
SPAN. PEN.	Belfort ...	29.79	27	ENE	2	s	29.90	+ .21	17	17	- 11	Z	0	m	2	s	35	13	*	0.08	
	Lyons ...	29.90	34	N	1	o	29.97	+ .22	27	23	- 6	NNW	2	b	2	o	48	24	*	-	
	Nice ...	29.58	43	E	1	b	29.55	- .11	37	33	- 3	E	2	b	3	o	52	36	*	-	
	Perpignan ...	29.75	49	NW	3	o	29.98	+ .24	35	28	- 11	NW	3	b	2	o	50	33	*	-	
	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lisbon ...	29.88	51	N	5	b	29.95	+ .15	50	44	- 6	N	4	b	2	b	61	46	*	-	
	Azores (P. Delgada) ...	30.10	58	ESE	4	c	30.11	+ .14	59	55	+ 1	ESE	4	o	4	c	63	57	*	-	

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

\* Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR Wednesday, 27<sup>th</sup> March, 1901.

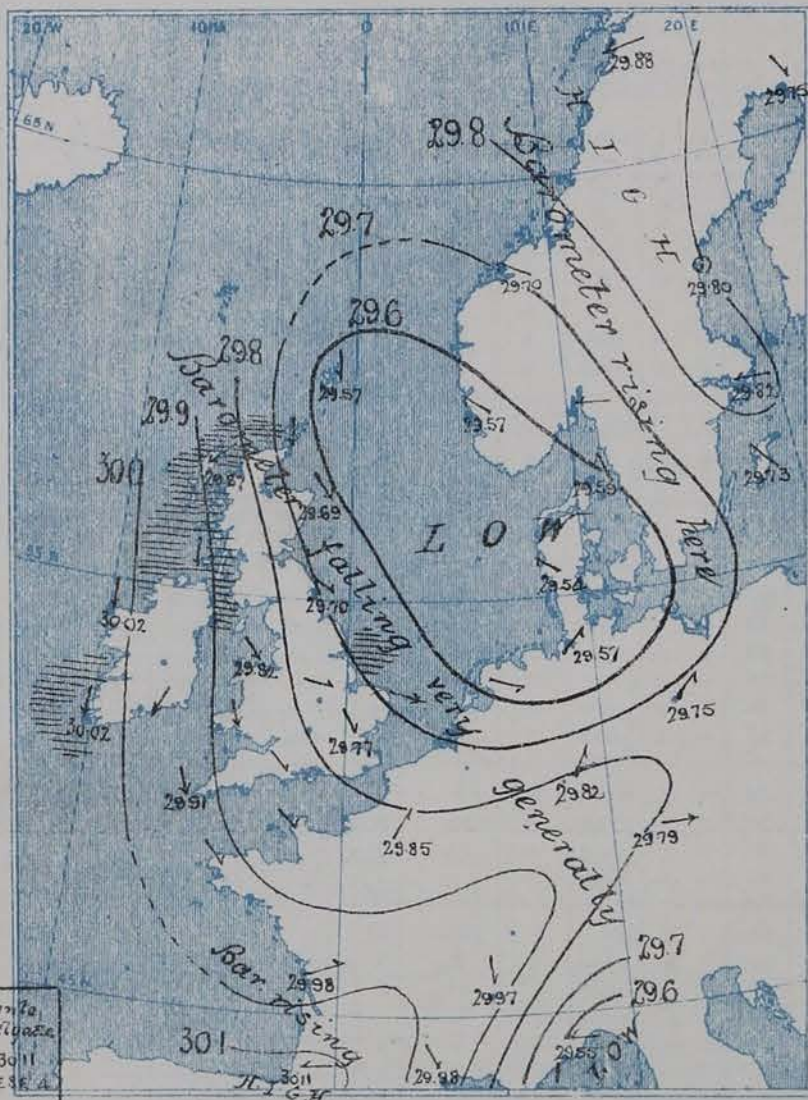
## I BAROMETER, WIND AND SEA. This Morning.

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 :

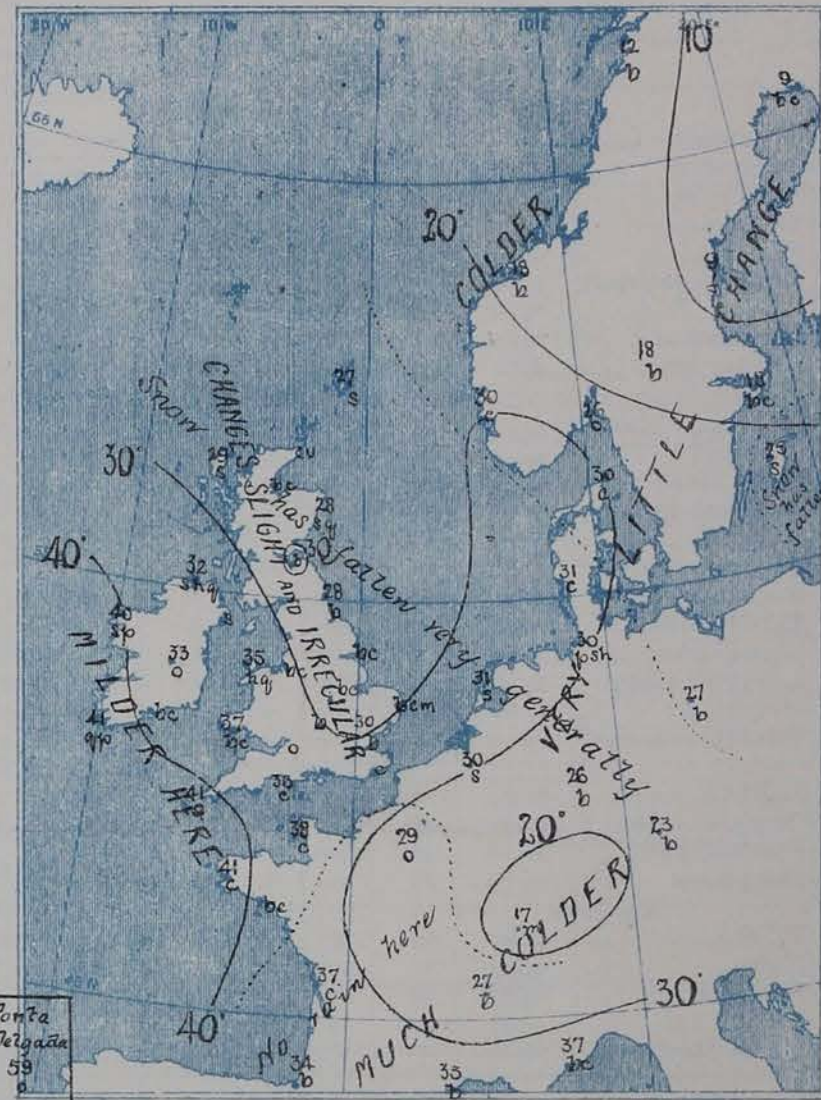


## II TEMPERATURE AND WEATHER. This Morning

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)

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



## III BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM TEMPERATURE

for the Two monthly period March-April (1871-1900.)



## V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period March-April (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

In the course of the past day the barometer has fallen all over the British Islands and the North Sea, but has risen both over Scandinavia and the southwest of France. A depression which had appeared over the west of Norway yesterday has grown larger, moved southwards, and its centre is now over the North Sea. Readings vary from 29.8 inches and more over northern and central Norway, and from 30.02 inches at Valencia to 29.6 inches and less over the North Sea.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind over our Islands is accordingly Northwesterly and Northerly in direction, and rather fresh in most exposed places; Southwesterly over the Netherlands and North Germany, southeasterly to easterly in Norway. Temperature remains very low for March — ranging from 41° at Scilly and Valencia to between 25° and 30° over our Midland counties, to 18° at Karlstad, 9° at Helsingfors, and Haparanda; at Belfast it is 17°, at Berlin 27°, at Paris 29°, and at Nice 34°. The weather is very changeable — showers of snow and "grape" alternating with clear skies. The sea is rough in the north and west, and at Spurn Head smooth in the south, moderate to slight elsewhere.

During yesterday the thermometer rose to 45° on the south coast of Ireland, and to more than 40° at most of our western coast stations and at Leith. The night, however, was very cold, and minima were recorded as low as 21° at Loughborough, 24° at Aberdeen, 27° at Oxford. Snow has fallen in most places. Bright sunshine was very considerable at all stations.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

No decided change is indicated either in wind or weather, and another very cold night is probable — especially inland.

## FORECASTS \*

For the 24 hours ending at NOON on MARCH 28<sup>TH</sup> 1901

### DISTRICTS.

### FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

Northwesterly and Northerly winds, fresh; squalls of snow occasionally, with bright intervals. Very cold.

### DISTRICTS.

### FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Northwesterly and Northerly winds, fresh; squalls of snow occasionally, with bright intervals. Very cold.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 5 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	b	*	b, s	38 24	8.3	0.03
Newton Reigny (Penrith)	29.85	29	N 4	c	29.78 - .25	27	26	0	WNW 4	b	*	b, o, g, s	39 20	7.5	0.03
Bath	29.96	37	N 4	m	29.80 - .28	34	34	+ 6	ENE 2	0	*	m	41 30	6.4	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	37	24	b, esp, c	2.2	0.04	Llandudno	*	*	*	6.4	*
Hastings	*	*	*	7.4	*	Rhyl	*	*	*	6.3	*
Eastbourne	*	*	*	7.2	*	Southport	*	*	*	9.3	*
Brighton	*	*	*	5.7	*	Manchester, 9 p.m.	38	25	b, bc, es	6.0	0.09
Worthing	*	*	*	7.5	*	Darwen, 9 p.m.	36	19	b, o, str, bv	8.2	0.16

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) March 26	-	-	-	Ins.	Algiers	68	54	a, o	-
Madrid	61	41	r, c	-	Tunis	73	46	o, c	-
Corsica (I. Sanguinaires)	63	48	m, f	0.12	Vienna	57	30	c, o	-
Rome	55	43	o, bc	-	St. Petersburg	43	8	s, b	-
Florence	52	41	o, r	0.12	Lugano	1 p.m.	-	bc	Measured 7 a.m. 25
Trieste	48	39	c, o	-	Davos	34	-	b	-
Brindisi	64	46	c, o	-	Lucerne	39	-	b	-
Naples	54	40	o, o	-	Lausanne	36	-	bc	-
Palermo	64	48	m, f	-					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

	Hours of Morning Observations by Local Standard Time.	Corres- ponding Observations Greenwich Times.	Hours of Evening Observations by Local Standard.	Corres- ponding Greenwich Times.	MARCH 27 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, } Holland ... ..	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth ... ..	5.42	11.59	6.15
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	3 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	5.50	12.6	6.22
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	5.58	12.18	6.38
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	6.31	12.47	7.3
Portugal ... ..	8 a.m. (Lisbon) ... ..	8.36 a.m.						

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 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on Thursday, 28<sup>th</sup> March,

1901.

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

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS				
	BAROM.	TEMP.	WIND.		Weather.		BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 4.)	Temp.	Sun- shine. Hours	Rainfall. Ins.			
	At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)			At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)								
	Ins.						Ins.	Ins.	°	°											
SCANDINAVIA.	Haparanda	29.94	12	NW	2	c	29.92	+0.17	2	0	-7	SW	2	b	2	c	21	2	*	-	-
	Hernösand	29.53	5	Z	0	b	29.97	+0.17	4	3	-5	Z	0	b	2	c	25	0	*	-	-
	Stockholm	29.78	21	ESE	8	s	29.81	-0.01	21	20	+3	ESE	2	s	2	c	27	7	*	-	-
	Wisby	29.78	27	ESE	4	c	29.76	+0.03	22	20	-3	SE	4	b	2	c	30	18	*	0.47	-
	Karlstad	29.78	21	NE	4	b	29.77	+0.02	18	16	0	E	4	0	2	c	*	*	*	-	-
	Färder (X. lania Fjord)	29.66	29	E	4	b	29.66	+0.03	22	20	-4	ESE	6	0	3	b	30	19	*	-	-
	Bodö	29.89	17	ESE	2	b	29.79	-0.09	19	15	+7	SE	2	c	1	b	19	12	*	-	-
	Christiansund	29.82	19	ESE	3	b	29.85	+0.15	16	15	+2	ESE	4	b	4	b	23	14	*	-	-
	Skudesnaes	29.65	28	NW	4	b	29.65	+0.08	25	23	-6	NNE	4	b	1	c.b	34	23	*	-	-
	Sumburgh Head	29.72	28	NNE	3	0	29.73	+0.16	26	25	-1	NNE	1	0	4	c.0	34	24	*	0.05	-
BRITISH ISLANDS.	Stornoway	29.85	33	NNE	6	c	29.86	-0.01	30	29	+1	NNE	7	0	7	c	36	26	5.1	0.08	-
	Malin Head	29.87	34	N	6	cqsp	29.89	-0.02	35	34	+3	N	4	bhsp	4	cqsp	36	32	*	0.03	-
	Blacksod Pt.	30.01	39	N	5	bcqsp	29.98	-0.04	36	34	-4	NNE	4	bcsp	4	bcqsp	41	28	*	0.09	-
	Valencia...	30.02	43	N	5	cq	30.01	-0.01	36	34	-5	Z	0	bc	3	cq	45	33	6.2	0.01	-
	Roche's Point	29.97	38	N	5	bcq	29.96	-0.01	35	33	-2	NW	3	b	3	c.bcsq	43	30	*	0.01	-
	Parsonstown	29.94	35	NW	1	c	29.96	-0.01	30	30	-3	N	1	b	4	c	40	25	5.2	0.01	-
	Donaghadee	29.82	37	N	5	bcqsp	29.85	-0.03	36	34	+3	NW	4	b	4	bcqsp	38	31	*	0.04	-
	Liverpool Obsy.	29.74	33	NW	4	c	29.80	-0.06	35	34	+4	N	1	b	1	sc	38	29	*	-	-
	Holyhead	29.78	36	NW	6	c.sqh	29.83	+0.05	31	30	-4	NW	6	ths	5	c.sqh	36	28	*	0.14	-
	Pembroke (St. Ann's)	29.84	35	NW	5	b	29.86	-0.02	35	33	-2	NW	6	bc	4	b.s.p	41	30	8.1	-	-
GERMANY, &c.	Scilly (St. Mary's)	29.88	42	NW	5	c	29.91	-0.03	39	34	-2	NW	5	c	3	c.hq	44	32	6.7	0.05	-
	Jersey (St. Aubins)	29.77	41	NW	3	c.psh	29.86	-0.09	38	37	0	NW	3	bc	3	c.psh	44	33	5.3	0.03	-
	Portland Bill	29.78	32	N	3	b.p	29.81	-0.03	38	32	-6	NW	4	bc	3	bc.sp	41	30	*	0.08	-
	Dungeness	29.66	35	NW	3	c	29.68	-0.02	33	32	+2	NW	5	b	2	c	38	23	*	-	-
	Wick	29.68	27	N	6	c	29.70	+0.02	35	34	+7	NE	5	c	3	c	36	20	*	0.12	-
	Nairn	29.74	30	N	5	s	29.75	-0.01	32	31	+4	N	5	bc	1	s	32	24	*	0.08	-
	Aberdeen	29.67	29	NW	4	bcqsp	29.65	-0.02	29	28	+1	NW	4	cq	3	cq.s	33	23	0.9	0.20	-
	Leith	29.72	34	NW	2	b	29.75	-0.03	35	33	+2	NW	3	bc	2	b	43	26	*	-	-
	North Shields	29.65	35	NW	3	bc	29.73	+0.08	29	28	+1	NW	2	c	3	c.s	36	26	*	0.02	-
	Spurn Head	29.60	33	NW	6	bc	29.68	+0.08	34	33	+5	NW	6	cq.p.s	5	q.p.s	36	28	*	0.04	-
FRANCE.	Yarmouth	29.59	31	NW	5	sq	29.61	-0.02	30	30	-1	NW	5	ogs	5	q.p.s	34	26	*	0.50	-
	Loughborough	29.71	31	NW	2	c	29.76	-0.05	31	28	+6	NW	2	c	*	bc.c.bc	39	25	*	-	-
	Oxford	29.73	30	NW	2	b	29.77	-0.04	31	29	+1	NW	3	b.p	*	b	38	24	*	-	-
	London (Brixton)	29.68	38	N	2	bc	29.72	-0.04	31	29	+1	NW	2	ops	*	bc.b.o	39	25	6.8	-	-
	The Scaw (Skagen)	29.56	31	SE	4	s	29.51	-0.05	30	30	0	SE	4	s	1	s	36	28	*	0.16	-
	Fanö	29.50	29	Z	0	c	29.46	-0.04	29	28	-2	ESE	3	s	*	c	36	27	*	-	-
	Cuxhaven	29.53	30	SW	2	bc	29.52	-0.01	27	27	-3	S	1	s	*	sp.bc	37	21	*	0.08	-
	The Helder	29.52	27	N	5	b	29.50	-0.02	32	27	+5	NNE	1	s	2	s.b	39	30	*	0.59	-
	Brussels	*	*	*	*	*	29.63	-0.08	28	28	-2	N	2	s	*	s	37	25	*	0.28	-
	Berlin	29.66	32	S	3	b	29.56	-0.10	28	26	+1	S	2	s	*	b	37	25	*	-	-
SPAN. PEN.	Frankfurt	29.63	28	SW	2	0	29.60	-0.03	27	26	+1	SW	2	c	*	0	37	23	*	0.12	-
	Munich	29.73	24	SE	2	b	29.57	-0.16	22	22	+1	SE	4	bc	*	b	30	19	*	-	-
	C. Gris Nez	29.67	32	N	3	bc	29.68	-0.01	30	30	0	NW	5	m	5	bc	39	28	*	-	-
	Brest	29.88	41	N	4	c	29.92	-0.04	38	32	-3	NW	4	c	3	c	41	34	*	0.08	-
	Lorient	29.83	43	NW	5	c	29.90	-0.07	35	33	-4	NW	4	b	4	c	46	34	*	0.04	-
	Rochefort	29.78	45	N	6	r	29.96	-0.18	39	35	+2	NW	4	s	*	b.r	46	28	*	0.16	-
	Biarritz	30.01	40	N	3	r	30.02	-0.01	39	37	+5	SE	3	c	5	t.l.r	46	34	*	0.39	-
	Paris	29.71	31	NW	3	0	29.75	-0.04	26	26	-3	NW	2	b	*	0	41	21	*	0.16	-
	Belfort	29.72	30	NW	3	m	29.66	-0.06	25	24	+8	NW	2	m	*	m	35	17	*	0.08	-
	Lyons	29.84	34	SW	1	b	29.82	-0.02	30	27	+3	NW	2	f	*	s.c	39	27	*	-	-

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

Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR Thursday, 28<sup>th</sup> March, 1901.

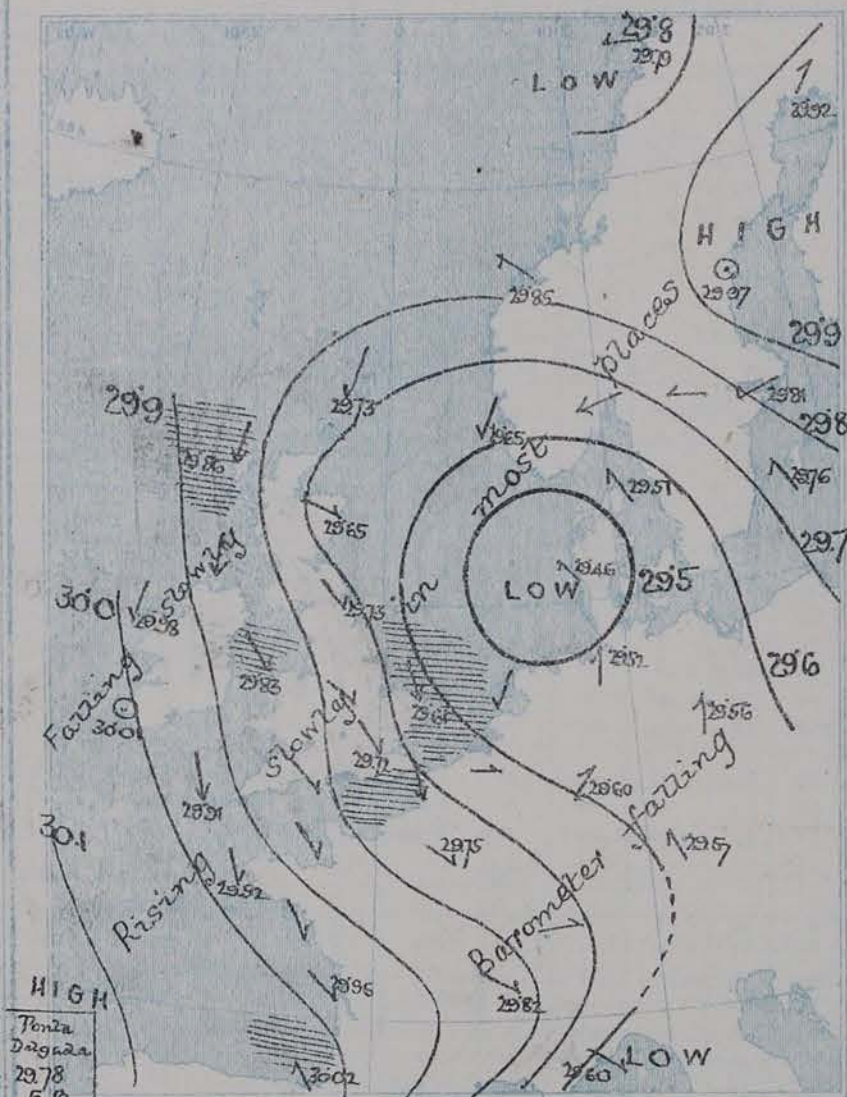
## I. BAROMETER, WIND AND SEA. This Morning.

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

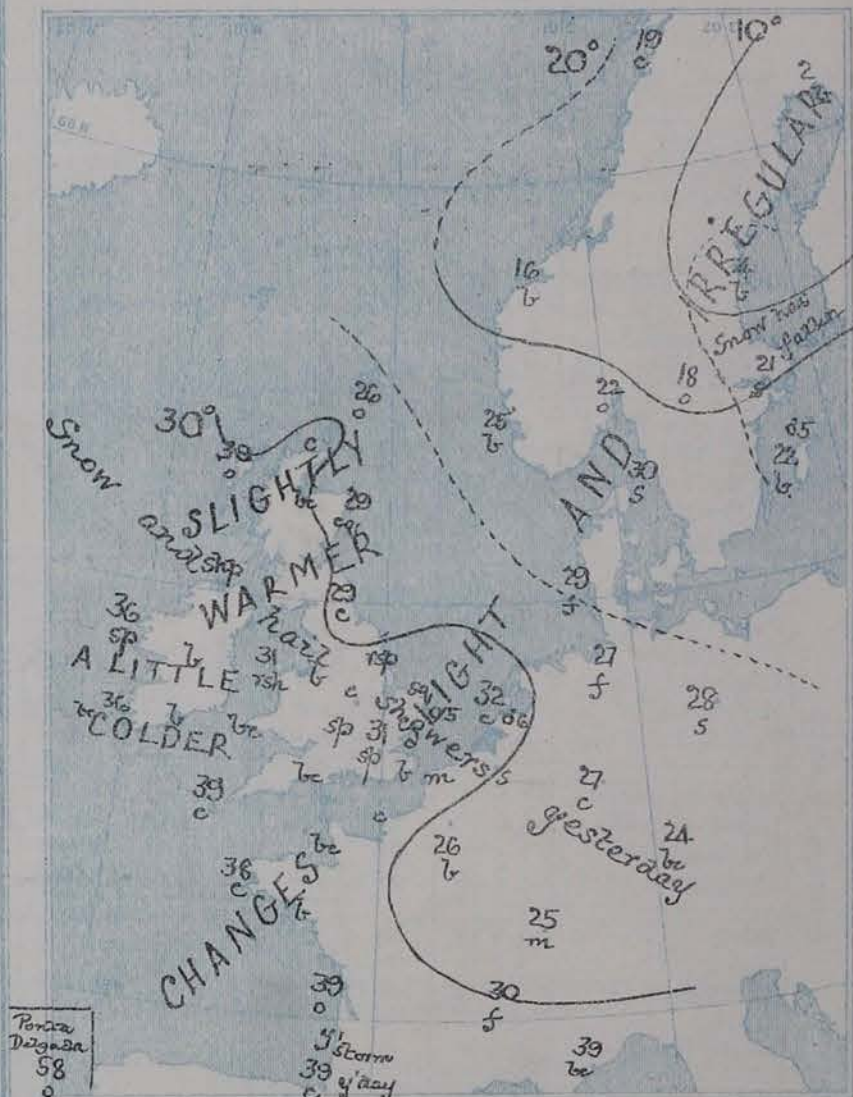


## II. TEMPERATURE AND WEATHER This Morning.

TEMPERATURE—Isotherms are drawn for each 1°.

WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

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—0.0



## III. BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM

TEMPERATURE for the Two monthly period March-April (1871-1900)



## V. Means of DAILY TEMPERATURE

at Noon for the Two monthly period March-April (1871-1900)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Since yesterday, the changes in barometric pressure over our Islands and their neighbourhood have been irregular, but the majority of the readings show a further fall, those in Sweden a rise. This morning's values vary from 30.0 in. and more over the Gulf of Bothnia to 29.5 in. and less, in a depression lying over the southern part of the North Sea.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

In Scandinavia the wind is E<sup>2</sup>, in our Islands N<sup>2</sup> and NW<sup>2</sup> (a moderate gale at Stromsund), in France NW<sup>2</sup>, in Germany S<sup>2</sup> and SE<sup>2</sup>. Temperature continues very low—every reading over northwestern Europe is below 40°, ranging from 39° at Nice, Biarritz, and Seilly, to 29° at Shields, 26° at Paris, 28° at Berlin, 18° at Hanko and 2° F. at Haparanda, or from 7° to 12° below the average. The weather is very changeable, snow squalls prevail in many places. The sea is very rough at Stromsund, rough on our east coast, slight or smooth elsewhere.

During yesterday snow fell frequently in many parts of the kingdom. In a few places the amount collected was considerable, and at Yarmouth it was large (0.5 in. when melted). The amount of Bright Sunshine was large at all stations, and as much as 10 hours at Newton-Beigny.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is no decided indication of permanent change. Further snow showers are probable today, with bright intervals and a very cold night.

## FORECASTS \*

For the 24 hours ending at NOON on 29<sup>TH</sup> MARCH 1901

### DISTRICTS.

### FORECASTS.

0	SCOTLAND NORTH	Wind strong N <sup>2</sup> then backing to NW, or W; cold today, possibly less cold tomorrow.
1	SCOTLAND EAST	
2	ENGLAND N.E.	NW <sup>2</sup> and N <sup>2</sup> winds, fresh; snow occasionally. Very cold tonight.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	Same as Nos 0 and 1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Same as Nos 2 to 5.
9	IRELAND NORTH	
10	IRELAND SOUTH	Very cold N <sup>2</sup> breezes today, probably backing tomorrow and not so cold, fine.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, *point downwards* (T), 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* (T), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.						PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on Sea	*	*	*	*	*	*	*	*	*	bc	*	b	36 26	9.7	-
Newton Reigny (Penrith)	29.73	32	rw 4	0	29.71	00	29	28	+ 2	rw 4	b	b	37 22	10.0	-
Bath	29.74	38	d 3	3	29.79	-01	32	32	- 2	E 1	m	b, s	36 25	7.5	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	34	24	c, b	4.3	0.07	Llandudno	*	*	*	6.3	*
Hastings	*	*	*	7.2	*	Rhyl	*	*	*	6.5	*
Eastbourne	*	*	*	6.5	*	Southport	*	*	*	9.5	*
Brighton	*	*	*	5.4	*	Manchester, 9 p.m.	35	18	bc, s	5.5	0.01
Worthing	*	*	*	7.2	*	Darwen, 9 p.m.	36	18	bc, s, bv	7.4	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) March 27	66	50	bc, 0	Ins.	Algiers	68	54	c, c	-
Madrid	87	14	o, b	-	Tunis	70	54	bc, m	-
Corsica (I. Sanguinaires)	61	46	m, m	0.28	Vienna	43	25	o, s	0.16
Rome	57	48	o, c	-	St. Petersburg	23	- 8†	b, bc	-
Florence	48	39	bc, 0	0.24	Lugano	45	—	bc	Measured 7 a.m. 26
Trieste	37	28	r, r	-	Davos	30	—	bc	-
Brindisi	66	50	c, 0	-	Lucerne	34	—	s	0.12
Naples	57	48	o, 0	0.12	Lausanne	41	—	c	-
Palermo	68	43	m, 0	-					

## 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.

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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

MARCH 28 <sup>th</sup> 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.39	11.58	6.17
Greenwich	5.47	12.5	6.23
Wick	5.55	12.17	6.40
Valencia	6.28	12.46	7.4

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† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

Friday 29<sup>th</sup> March, 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.																		
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.																
				Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.																		
																				At 32° and M. S. L.	Ins.	°	°	°	°	°	°	°	°						
Ins.		Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Max.	Min.	Sun- shine. Hours	Rainfall. Ins.																
																				Ins.	Ins.	°	°	°	°	°	°	°	°	°	°	°	°	°	°
SCANDINAVIA.	Haparanda ...	29.87	21	Z	0	b	29.82	-10	7	6	+ 5	SW	2	b	*	b	21	-6	*	-															
	Hernösand ...	29.91	11	Z	0	b	29.90	-07	17	15	+ 13	Z	0	o	*	b	25	-2	*	-															
	Stockholm ...	29.89	22	Z	0	b	29.91	+10	21	19	0	NNE	2	b	*	b	32	14	*	-															
	Wisby ...	29.75	26	E	4	s	29.80	+04	25	24	+ 3	ESE	4	s	*	s	32	16	*	0.12															
	Karlstad ...	29.85	21	NE	4	b	29.93	+16	16	15	- 2	NE	2	b	*	s.b	*	*	*	-															
	Færder (Xiania Fjord)	29.71	29	E	6	o	29.86	+20	22	21	0	ENE	4	b	3	o	29	21	*	0.04															
	Bodö ...	29.69	25	SE	4	o	29.68	-11	24	22	+ 5	ESE	2	c	1	o	28	14	*	-															
	Christiansund ...	29.80	22	SE	1	b	29.75	-10	26	23	+ 10	Z	0	b.c	3	b	27	16	*	-															
	Skudesnaes ...	29.66	27	E	4	b.c	29.74	+09	31	30	+ 6	SE	4	o	2	o.b.c	31	25	*	*															
BRITISH ISLANDS.	Sumburgh Head	29.75	28	NE	1	b.c	29.66	-07	32	?	+ 6	Z	0	b.c	4	b.b.c	32	23	*	0.05															
	Stornoway ...	29.83	36	W	2	b	29.58	-28	34	33	+ 4	WSW	3	o	3	c.b	36	23	6.5	0.10															
	Malin Head ...	29.86	36	NW	3	b.s.p	29.48	-41	33	31	- 2	SE	5	o.w	3	b.s.p	38	28	*	-															
	Blacksod Pt. ...	29.92	38	Z	0	b	29.37	-61	44	42	+ 8	WSW	5	r.m	5	chp.b	44	32	*	0.34															
	Valencia...	29.95	42	WNW	2	b.c	29.58	-43	45	43	+ 9	SW	6	r.m	5	c.v.b.c	45	34	7.3	0.23															
	Roche's Point ...	29.94	43	NNW	3	b	29.65	-31	43	42	+ 8	WSW	5	r	5	b.c.b	45	31	*	0.15															
	Parsonstown ...	29.90	40	NW	1	b	29.55	-41	33	33	+ 3	SE	1	s	*	b	41	26	7.7	0.12															
	Donaghadee ...	29.82	39	NW	3	b	29.64	-21	34	32	- 2	SW	2	b.c	3	b	40	26	*	-															
	Liverpool Obsy.	29.77	37	W	4	c	29.76	-04	33	32	- 2	ESE	1	b.c	1	s.c	39	27	*	-															
	Holyhead ...	29.83	38	NW	5	c.s.p	29.72	-11	37	34	+ 6	S	1	o.m	1	c.s.p	38	28	*	0.16															
	Pembroke (St. Ann's)	29.88	38	NNW	3	b.c	29.76	-10	40	37	+ 5	SW	5	c	5	b.c	40	33	9.4	0.01															
	Scilly (St. Mary's)...	29.92	40	NNW	4	chp	29.84	-07	42	37	+ 3	SW	5	c	3	c.chp	43	32	8.7	0.01															
	Jersey (St. Aubins)...	29.87	39	NW	3	b.c	29.94	+08	39	34	+ 1	WNW	3	b	3	c.s.p.b.c	44	31	8.1	0.04															
	Portland Bill ...	29.84	36	WNW	2	b.c	29.88	+07	38	34	+ 5	W	3	b	2	b.c	41	30	*	-															
	Dungeness ...	29.78	33	WNW	1	c	29.83	+15	33	32	0	NW	2	b	2	c	37	24	*	0.03															
GERMANY, &c.	Wick ...	29.76	27	NE	3	b.c	29.64	-06	33	33	- 2	S	2	b.c	2	b.c	37	15	*	0.02															
	Nairn ...	29.80	33	WNW	2	b.c	29.66	-09	29	28	- 3	Z	0	b	1	b.c	38	16	*	-															
	Aberdeen ...	29.78	29	NW	2	s	29.70	+05	23	21	- 6	WNW	2	b	2	b.c.s	35	13	5.2	0.18															
	Leith ...	29.78	33	N	2	b	29.70	-05	30	28	- 5	NNW	1	b.c.m	1	b	44	22	*	-															
	North Shields ...	29.67	32	NNW	4	c.p.q.s	29.75	+02	24	24	- 5	W	3	b	3	c.s.p.q.	38	21	*	0.05															
	Spurn Head ...	29.70	34	NW	5	c	29.75	+07	30	30	- 4	WNW	5	b	4	s.p.b.c	39	27	*	0.01															
	Yarmouth ...	29.72	35	W	4	s	29.74	+13	30	29	0	WNW	4	b.c.m	4	c.b.s	36	25	*	0.17															
	Loughborough ...	29.76	37	WNW	2	b.c	29.81	+05	27	26	- 4	SE	1	b.c.m	*	c.b.c.m	43	22	*	-															
Oxford ...	29.83	30	W	2	b	29.85	+08	29	28	- 2	W	1	b	*	b.s.p	42	24	*	-																
London (Brixton)	29.80	35	NW	1	c.s.p	29.84	+12	30	27	- 1	WSW	2	b	*	s.p.b.c.b	40	25	2.0	-																
FRANCE.	The Scaw (Skagen)	29.65	31	SSE	5	o	29.78	+27	27	27	- 3	SE	4	c	1	o	32	25	*	0.04															
	Fanö ...	29.60	28	E	2	c	29.69	+23	26	26	- 3	ESE	2	b	1	c	36	25	*	0.04															
	Cuxhaven ...	29.57	32	SW	2	b.c	29.75	+23	31	30	+ 4	WSW	2	b.c.s.p	*	b.c.s.p	36	27	*	0.04															
	The Helder ...	29.67	35	NW	5	c	29.66	+16	29	29	- 3	SW	2	c	2	c	37	27	*	0.08															
	Brussels ...	29.67	35	NW	5	c	29.85	+22	27	27	- 1	SW	3	b	*	b.c	35	21	*	0.04															
	Berlin ...	29.64	32	W	2	c	29.76	+20	29	28	+ 1	SW	3	b	*	c	37	25	*	0.04															
	Frankfurt ...	29.78	30	W	4	s	29.91	+31	24	24	- 3	SW	3	b	*	s	37	21	*	0.16															
	Munich ...	29.76	27	SW	5	o	29.88	+31	25	23	+ 1	W	6	c	*	o	36	23	*	-															
SPAN. PEN.	C. Gris Nez ...	29.80	31	NW	2	o	29.84	+16	32	31	+ 2	WNW	2	b.c	2	o	39	30	*	-															
	Brest ...	29.95	39	NNW	2	o	29.95	+03	41	35	+ 3	SE	1	b	0	o	43	32	*	-															
	Lorient ...	29.93	39	N	4	c	29.95	+05	36	33	+ 1	N	1	b	2	c	46	34	*	-															
	Rochefort ...	29.92	43	NW	4	b.c	29.96	+00	37	34	- 2	NW	2	c	*	b.c	46	32	*	0.08															
	Biarritz ...	30.04	45	NNW	3	c	29.97	-05	46	41	+ 7	SW	6	b.c	2	c	48	39	*	0.16															
	Paris ...	29.84	34	NW	2	c	29.91	+16	28	27	+ 2	SSW	2	b	*	c	42	24	*	-															
	Belfort ...	29.85	25	SW	2	o	29.95	+29	23	22	- 2	WSW	1	s	*	o	31	19	*	0.12															
	Lyons ...	29.91	32	W	1	c	30.01	+19	27	23	- 3	S	1	b.c	*	c	39	23	*	-															
SPAN. PEN.	Nice ...	29.64	39	NW	6	b	29.87	+27	35	26	+ 4	NE	4	b	3	b	52	30	*	-															
	Perpignan ...	29.88	45	NW	4	o	30.05	+17	36	34	- 5	W	2	o	*	o	56	32	*	-															
SPAN. PEN.	Corunna ...	30.04	49	NNW	4	b	30.01	-12	47	45	- 2	NE	3	o	*	b	57	45	*	-															
	Lisbon ...	29.47	51	SSE	5	o	29.39	-37	58	54	0	S	4	c	4	o	61	54	*	0.32															

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

Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR Friday, 29<sup>th</sup> March, 1901.

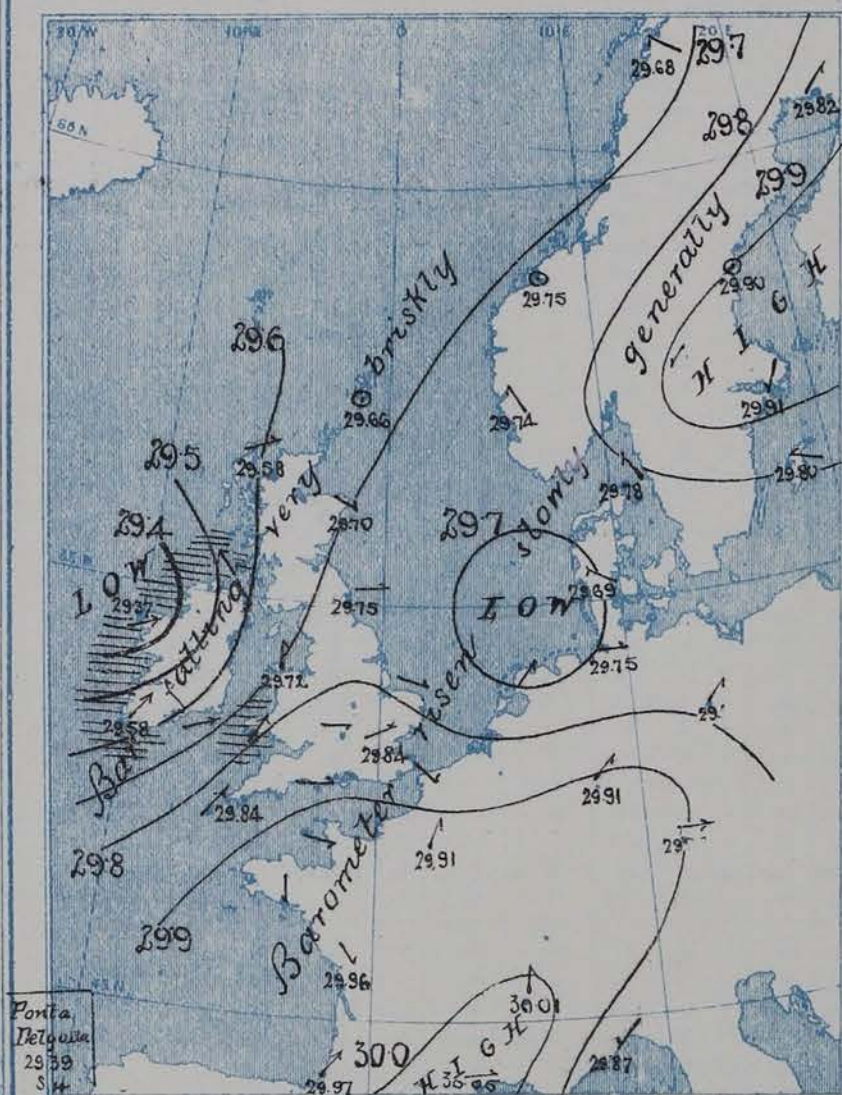
## I. BAROMETER, WIND AND SEA. This Morning.

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 :



## II TEMPERATURE AND WEATHER. This Morning

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



## III BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM TEMPERATURE for the Two monthly period March-April (1871-1900.)



## V. Means of DAILY TEMPERATURE at 8 am. for the Two monthly period March-April (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

In the course of the past night a great change has come about in pressure over the United Kingdom. The barometer has been rising over the Continent and the southeast of England, and the depression noticed over the North Sea yesterday has partially filled up. A new depression, increasing in depth has come towards the northwest of Ireland from the Atlantic so that at all our western stations the barometer has fallen fast. Readings now range from 30.05 in. at Papey and 29.9 in. in Sweden, to 29.34 in. at Blackhead Point.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

Northwesterly winds, moderate in force, continue to prevail on our eastern coasts, but in the west the wind has shifted to between southwest and southeast, is fresh to strong in force, and is increasing. Temperature has decreased over the northern and eastern parts of Great Britain and is very low there for the time of year. In the west also it is low, but is recovering quickly and this morning's readings range from 46° at Derry, 45° at Valencia and 42° at Lally to 23° at Aberdeen, 24° at Shields and Funchal, 16° at Karlsbad and 7° at Haparanda. Rain has set in over the west of Ireland, and clouds are increasing at our western stations generally. In the eastern districts the sky is clear. Sea is rough and rising in the west and northwest.

During yesterday some snow fell at most of our stations and over the Netherlands and Germany; on our eastern coasts the snow was accompanied by thunderstorms in the afternoon, but in all the districts there were lengthy clear intervals. A lunar halo was seen in London. Bright sunshine was considerable generally, but greatest in the west and northwest of England. At Southport there were 10 hours, at Pembroke 9½ hours, and at Llandudno 9 hours.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The Southwesterly (West to South) current is arriving with great energy, and much milder weather is probable, with rain in several places; — most in the west at first, but spreading slowly to the eastern districts later.

## FORECASTS \*

For the 24 hours ending at NOON on MARCH 30<sup>TH</sup> 1901

### DISTRICTS.

### FORECASTS.

0	SCOTLAND NORTH	{ S <sup>W</sup> and S <sup>W</sup> gales, and strong winds, milder, rainy.
1	SCOTLAND EAST	
2	ENGLAND N.E.	{ W <sup>W</sup> winds, moderating, backing to Southwest and then increasing again; fine at first, then dull, rainy, milder.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	{ S <sup>W</sup> winds light and fine, then strong and perhaps rainy; milder.
5	ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	✓	SCOTLAND WEST	{	<i>SW<sup>24</sup> and S<sup>24</sup> winds strong, squally, a gale in places; milder, rainy.</i>
7		ENGLAND N.W.		
8		ENGLAND S.W.		
9	✓	IRELAND NORTH		
10	✓	IRELAND SOUTH		

WARNINGS

*At 10.20 a.m. today to Districts  
0, 6, 9 and 10 "Hoist South  
Cone."*

### WARNINGS

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.				
	Bar.	Temp.	Wind.	Weather.	Barometer.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun-	Rainfall
	Ins.	°			Ins. Change.	Dry.	Wet.	Change.					Max.	Min.	shine.	Ins.
Clacton on Sea	*	*	*	*	*	*	*	*	*	b	*	b, c	39	26	8.2	-
Newton Reigny (Penrith)	29.78	27	NW 4	b	29.75 - .03	26	25	- 3	ENE 3	b	*	b	39	18	8.0	-
Bath	29.80	39	SW 1	m	29.82 + .03	32	30	0	W 1	m	*	m	42	24	7.4	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	37	26	b, o, s	2.1	-	Llandudno	*	*	*	9.0	*
Hastings	*	*	*	6.6	*	Rhyl	*	*	*	9.3	*
Eastbourne	*	*	*	4.1	*	Southport	*	*	*	10.1	*
Brighton	*	*	*	4.3	*	Manchester, 9 p.m.	39	24	cm, bc, b	5.7	-
Worthing	*	*	*	6.9	*	Darwen, 9 p.m.	36	22	bv	9.9	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) March 28	66	50	c, o	Ins.	Algiers	64	48	o, o	0.59
Madrid	48	36	b, b	-	Tunis	63	45	bc, m	-
Corsica (I. Sanguinaires)	63	45	m, m	-	Vienna	34	25	o, o	-
Rome	59	46	o, o	-	St. Petersburg	25	-4	f, f	-
Florence	52	37	b, o	-	Lugano	46	—	b	Measured 7 a.m. 27
Trieste	48	36	o, o	0.16	Davos	23	—	b	0.04
Brindisi	68	54	o, o	-	Lucerne	34	—	b	0.63
Naples	57	45	b, c	-	Lausanne	34	—	b	0.04
Palermo	64	43	bc, o	-					

## 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.

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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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MARCH 29 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.36	11.58	6.19
Greenwich	5.45	12.5	6.25
Wick	5.52	12.17	6.42
Valencia	6.26	12.46	7.6

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† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on *Saturday 30<sup>th</sup> March,* 1901.

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

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.			
	Barom.	Temp.	Wind.		Force (0 to 12.)	Weather.	Barometer.		Temperature.			Wind.		Force (0 to 12.)	Weather.	Sea (0 to 9.)	Temp.			
	At 32° and M.S.L.	Dry Bulb.	Dirac.				At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.					Max.	Min.	Sun- shine. Hours	Rainfall Ins.
	Ins.						Ins.	Ins.	°	°										
SCANDINAVIA.	Haparanda ...	29.95	10	Z	0	b	30.07	+ .25	12	12	+ 5	Z	0	0	b	2	21	-2		-
	Hernösand ...	29.92	23	Z	0	o	30.02	+ .12	13	12	- 4	Z	0	0	b	2	28	9		-
	Stockholm ...	29.97	26	ESE	4	o	29.94	+ .03	30	28	+ 9	E	4	0	o	2	32	12		0.04
	Wisby ...	29.84	28	SE	4	b	29.89	+ .09	27	26	+ 2	SSE	4	0	b	2	32	18		0.08
	Karlstad ...	29.96	24	N	2	b	30.01	+ .08	17	15	+ 1	N	2	0	b	2	31	1		-
	Færder (X'ianla Fjord)	29.91	31	E	2	b	29.95	+ .09	25	23	+ 3	E	2	0	b	2	31	21		-
	Bodö ...	29.83	25	E	2	b	29.92	+ .24	21	18	- 3	E	4	0	b	1	28	14		-
	Christiansund ...	29.82	30	S	1	c	29.84	+ .09	31	28	+ 3	ESE	4	0	c	3	32	25		-
BRITISH ISLANDS.	Skudesnaes ...	29.84	32	SSE	4	b	29.78	+ .04	30	29	- 1	SE	6	0	b	2	36	28		-
	Sumburgh Head ...	29.62	23	S	2	b	29.45	- .21	35	35	+ 3	ESE	5	0	c	6	35	27		0.01
	Stornoway ...	29.37	36	SE	5	b	29.16	- .42	36	35	+ 2	ESE	7	0	c	7	38	29	8.9	0.02
	Malin Head ...	29.07	35	SSE	5	r	28.81	- .67	38	38	+ 5	E	5	0	ogr	3	38	30		0.25
	Blacksod Pt. ...	29.07	42	WSW	4	r	28.86	- .51	42	40	- 2	N	4	0	c	4	45	40		0.76
	Valencia ...	29.24	46	SW	6	rgm	29.96	- .62	46	43	+ 1	W	5	0	cpr	6	rgm	40	0.0	0.61
	Roche's Point ...	29.31	45	WSW	6	r	28.85	- .80	44	42	+ 1	W	5	0	p	4	46	40		0.55
	Parsonstown ...	29.15	43	SE	1	r	28.81	- .74	40	39	+ 7	SE	1	0	o	4	43	32	0.0	0.44
GERMANY, &c.	Donaghadee ...	29.17	39	S	2	ungd	28.81	- .83	39	39	+ 5	S	1	0	ogm	4	39	33		0.77
	Liverpool Obsy. ...	29.35	34	SE	3	s	28.92	- .84	40	39	+ 7	SSE	3	0	r	3	41	33		0.41
	Holyhead ...	29.27	43	SW	7	rmgr	28.89	- .83	43	41	+ 6	WSW	6	0	c	5	43	33		1.46
	Pembroke (St. Ann's)	29.40	45	SW	8	o	29.00	- .76	45	44	+ 5	WSW	7	0	cpr	6	45	38	0.0	0.55
	Scilly (St. Mary's) ...	29.56	46	SW	7	o	29.16	- .68	47	46	+ 5	WSW	6	0	og	4	49	37	0.0	0.28
	Jersey (St. Aubins) ...	29.82	45	WN	4	og	29.44	- .50	46	44	+ 7	S	5	0	og	4	46	38	9.5	0.02
	Portland Bill ...	29.70	42	SW	6	o	29.24	- .64	45	45	+ 7	SSW	7	0	cpr	6	45	37		0.06
	Dungeness ...	29.76	40	SW	5	o	29.41	- .42	40	38	+ 7	SSW	7	0	o	6	43	33		-
FRANCE.	Wick ...	29.51	35	ESE	5	o	29.20	- .44	35	35	+ 2	SE	9	0	m	6	40	25		0.06
	Nairn ...	29.44	32	ESE	3	c	29.05	- .61	33	33	+ 4	E	5	0	s	3	37	23		0.01
	Aberdeen ...	29.54	33	SE	5	bog	28.98	- .72	36	35	+ 13	ESE	8	0	ogsg	7	36	21	8.5	0.14
	Leith ...	29.32	34	SSE	5	o	28.86	- .84	37	36	+ 7	E	2	0	o	3	41	28		0.23
	North Shields ...	29.51	34	SE	5	osp	28.92	- .83	40	39	+ 16	S	3	0	r	3	41	24		0.31
	Spurn Head ...																			
	Yarmouth ...	29.71	37	SSW	2	c	29.33	- .41	36	35	+ 6	S	6	0	rgm	5	38	27		0.03
	Loughborough ...	29.54	34	S	5	s	29.06	- .75	42	41	+ 15	S	6	0	og	4	46	27		0.11
SPAIN.	Oxford ...	29.57	38	SSW	4	o	29.15	- .70	44	42	+ 15	S	5	0	og	4	44	29		0.08
	London (Brixton) ...	29.71	37	SW	3	or	29.29	- .55	41	40	+ 11	SSW	6	0	og	4	44	30	2.7	0.08
	The Scaw (Skagen) ...	29.87	31	ESE	3	c	29.89	+ .11	28	28	+ 1	ESE	3	0	c	0	34	27		-
	Fanö ...	29.78	31	SE	2	c	29.76	+ .07	31	30	+ 5	SE	6	0	o	4	36	25		-
	Cuxhaven ...	29.83	32	WSW	1	c	29.84	+ .09	30	30	- 1	S	4	0	c	2	34	27		0.04
	The Helder ...	29.77	35	WSW	2	c	29.55	- .11	35	32	+ 6	SSW	5	0	o	2	37	28		0.08
	Brussels ...						29.68	- .17	35	32	+ 8	S	6	0	o	4	39	26		-
	Berlin ...	29.92	32	WSW	2	b	29.99	+ .28	30	28	+ 1	SW	3	0	b	4	39	27		-
FRANCE.	Frankfurt ...	29.99	31	SW	2	b	29.96	+ .05	31	28	+ 7	S	2	0	b	4	36	24		-
	Munich ...	30.03	26	W	2	b	30.05	+ .17	25	23	0	SW	3	0	b	4	34	18		-
	C. Gris Nez ...	29.82	38	WSW	5	o	?	?	36	34	+ 4	SSW	6	0	o	6	41	32		-
	Brest ...	29.82	44	SW	4	o	29.43	- .52	48	46	+ 7	SW	6	0	c	5	48	36		0.08
	Lorient ...	29.88	42	SW	4	c	29.50	- .39	48	45	+ 12	SW	5	0	c	5	48	36		0.08
	Rochefort ...	29.98	46	W	3	c	29.75	- .21	40	39	+ 3	S	4	0	b	4	55	34		-
	Biarritz ...	30.01	48	NNW	2	b	29.79	- .18	53	44	+ 7	S	3	0	b	2	25	41		0.04
	Paris ...	29.95	39	SW	2	b	29.75	- .16	35	32	+ 7	S	4	0	b	4	44	28		-
SPAN. PEN.	Belfort ...	30.02	30	SW	2	b	29.96	+ .01	28	26	+ 5	ESE	2	0	b	4	34	21		-
	Lyons ...	30.08	35	N	1	b	29.95	- .06	37	33	+ 10	S	4	0	b	4	42	27		-
	Nice ...	29.97	41	SW	1	b	30.02	+ .26	37	31	+ 8	NE	1	0	b	3	50	35		-
SPAN. PEN.	Perpignan ...	30.04	44	NE	2	o	29.97	- .08	41	39	+ 8	W	1	0	b	4	51	36		-
	Corunna ...																			
SPAN. PEN.	Lisbon ...																			
	Azores (P. Delgada)																			

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

\* Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR Saturday, 30<sup>th</sup> March, 1901.

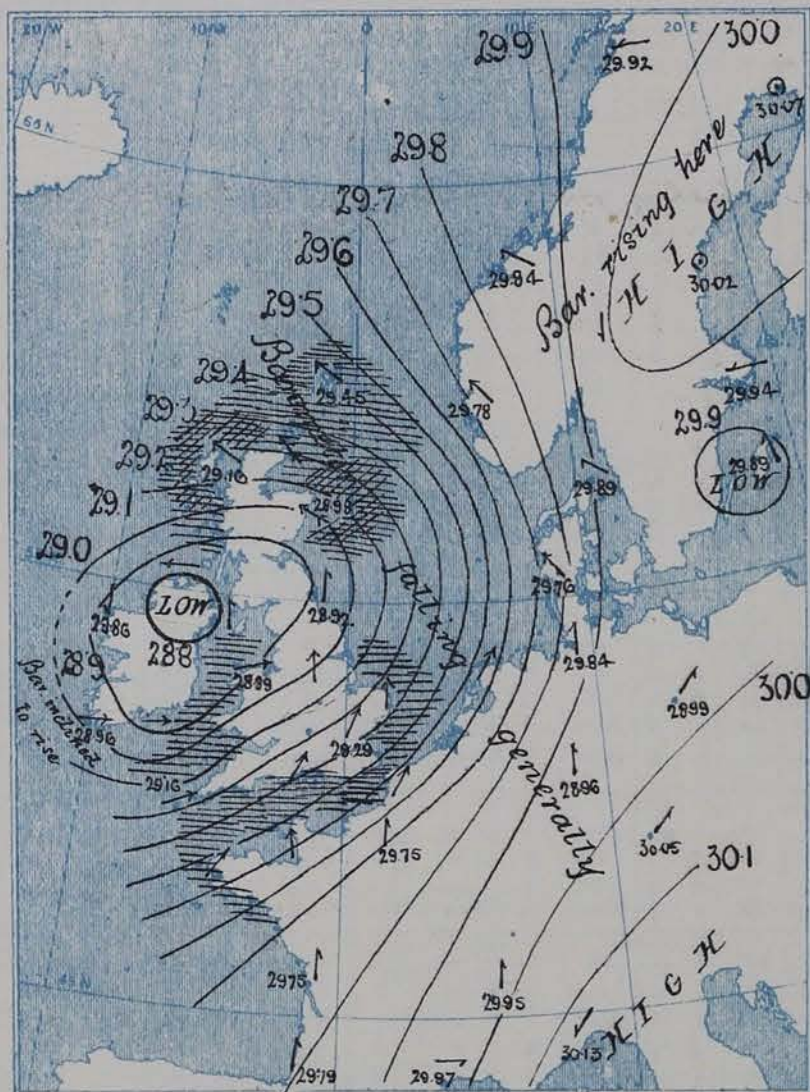
## I. BAROMETER, WIND AND SEA. This Morning.

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 :



## II TEMPERATURE AND WEATHER. This Morning

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

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



## III BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM TEMPERATURE for the Two monthly period March-April (1871-1900.)



## V. Means of DAILY TEMPERATURE at 8 a.m. for the Two monthly period March-April (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

During the past day a further fall of the barometer has taken place over our islands and their neighbourhood, but a rise over northern and central Europe. The depression over Ireland has increased in intensity and become rather complex, and readings today range from 30.0 ins. and more over Sweden and the southeast of France to between 28.8 ins. and 28.9 ins. over Ireland and the Irish Sea.

The barometer is now inclined to rise in the southwest of Ireland.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

Easterly gales have set in over Scotland, southerly over the eastern half of England and strong westerly winds are blowing on the west coast of England southerly over Brittany. Temperature has risen greatly since yesterday all over our islands the North Sea and France; readings now range from 53° at Biarritz, 47° at Lally, 45° at Penzance to 36° at Aberdeen, 30° at Skudesnaes, 17° at Karlstad and 12° at Haparanda. At Munich the value is 25°. Weather is very rough and changeable; rain is falling at our southern stations snow in the north. On the Continent the condition is fine. The sea is very rough except off the northeast coast of England.

During the night the temperature over Ireland and England was from ten to twenty degrees higher than that of the previous night. Rainfall was heavy in the north and west (1.5 ins. at Holyhead), and a halo was again seen in London.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Rough weather is still probable; southwesterly gales, rain and colder weather over England, northeasterly gales, snow and low temperatures in Scotland and the north of Ireland.

## FORECASTS\*

For the 24 hours ending at NOON on MARCH 31<sup>ST</sup> 1901

### DISTRICTS.

### FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

Easterly and northeasterly gales, rain and snow.

Easterly gales and snow in northern half of district. S.W. strong winds and rain in the south.

Same as No. 5.

S.W. to W. winds, strong to a gale, squally, rain at times. Colder tomorrow.

### DISTRICTS.

### FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Same as Nos. 0 and 1

Strong squally westerly winds; colder, some showers.

Same as Nos. 0 and 1

W. to N.W. winds, strong, showery, colder.

At 10.20 a.m. yesterday to districts 0, 6, 9, 10 and part of 7. At 7.20 p.m. yesterday to district 2. At 10.50 a.m. today to districts 2, 3, and the remainder of 7.

### WARNINGS

Note.—The South Cone, point downwards (T), 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 (T), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	b.c.	43 34	7.8	—
Newton Reigny (Penrith)	29.40	32	SSE 7	5	28.87	-.88	36	35	+ 10	S 2	0	09 95	37 25	2.0	0.57
Bath	29.62	39	SSW 1	0	29.11	-.71	46	44	+ 14	SW 1	7	0	46 32	2.0	0.30

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	37	23	b.o.r	0.9	0.06	Llandudno	*	*	*	0.0	*
Hastings	*	*	*	8.8	*	Rhyl	*	*	*	*	*
Eastbourne	*	*	*	8.0	*	Southport	*	*	*	0.0	*
Brighton	*	*	*	4.5	*	Manchester, 9 p.m.	38	22	c. 03, r	0.1	0.10
Worthing	*	*	*	5.7	*	Darwen, 9 p.m.	35	21	0.5	0.1	0.07

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) March 29	63	54	0.0	Ins. 0.08	Algiers	59	46	c. b	—
Madrid	55	32	0.6	—	Tunis	63	41	b.c. b.c.	0.08
Corsica (I. Sanguinaires)	57	41	m. m	—	Vienna	36	10	0. c	—
Rome	57	41	b. c	—	St. Petersburg	23	19	0.5	0.04
Florence	50	34	b. o	0.20	Lugano	1 p.m. 46	—	b	Measured 7 a.m. 28
Trieste	45	37	0.0	0.35	Davos	23	—	b	—
Brindisi	—	—	—	—	Lucerne	30	—	0	—
Naples	54	45	b. b	—	Lausanne	30	—	s	—
Palermo	63	41	0. b.c.	0.20					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	MARCH 30 <sup>th</sup> 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	5.34	11.58	6.21
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	5.43	12.5	6.27
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	5.48	12.17	6.45
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	6.24	12.46	7.8
Portugal	8 a.m. (Lisbon)	8.36 a.m.						

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 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

Sunday 31<sup>st</sup> March,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)											PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.			
				At 32° and M.S.L.	Dry Bulb.		Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.			Direc.	Force (0 to 12.)			Max.	Min.	
																						Ins.
SCANDINAVIA.	Haparanda ...	30.15	7	2	0	b	30.15	+ .08	-5	-6	- 17	2	0	b	*	b	21	?	*	-		
	Hernösand ...	30.06	12	2	0	b	30.03	+ .01	14	14	+ 1	2	0	o	*	b	30	10	*	-		
	Stockholm ...	30.04	28	E	2	o	29.95	+ .01	30	28	0	ESE	8	o	*	c.o	36	19	*	-		
	Wisby ...	30.02	27	S	4	b	29.92	+ .03	32	31	+ 5	S	4	s	*	b	36	16	*	0.04		
	Karlstad...	29.95	28	ESE	2	o	29.67	- .34	28	27	+ 11	SE	8	s	*	o	30	25	*	0.04		
	Færder (X'ania Fjord)	29.84	30	E	5	o	29.41	- .54	30	30	+ 5	ESE	6	s	*	o	30	25	*	-		
	Bodö ...	29.91	23	? E	4	b	29.85	- .07	24	24	+ 3	E	4	b	1	b	28	18	*	-		
	Christiansund ...	29.75	31	ESE	4	b	29.38	- .46	33	30	+ 2	SE	6	o	4	b	26	27	*	-		
	Skudesnaes ...	29.46	23	ESE	9	o	29.10	- .68	33	33	+ 3	SE	8	s	5	o	34	30	*	*		
	Sumburgh Head†	29.13	22	E	9	s	28.83	- .62	34	34	- 1	ESE	9	r	9	s	35	32	*	0.20		
BRITISH ISLANDS.	Stornoway ...	28.89	37	NE	8	r	28.80	- .26	38	37	+ 2	ESE	3	o	3	sp.o,r	39	31	0.6	0.22		
	Malin Head ...	28.82	40	NW	4	og	28.86	+ .05	40	39	+ 2	NW	4	cp	4	og	40	37	*	0.05		
	Blacksod Pt. ...	29.00	41	NW	4	cp	29.10	+ .24	37	36	- 5	WNW	5	s	4	c.o	43	34	*	0.15		
	Valencia...	29.05	46	NW	3	cp	29.18	+ .12	38	37	- 8	NE	1	b	4	b	49	35	8.0	0.12		
	Roche's Point ...	29.06	47	WNW	3	cp	29.17	+ .32	41	39	- 3	WNW	3	b	3	cp	48	37	*	0.14		
	Parsonstown ...	29.01	42	NW	1	o	29.10	+ .29	37	36	- 3	SE	1	b	*	c.o	46	32	3.7	0.03		
	Donaghadee ...	28.83	41	WSW	2	c	28.94	+ .13	38	36	- 1	N	4	b	4	c	44	33	*	-		
	Liverpool Obsy.	28.92	42	SW	4	r	29.07	+ .15	40	38	0	SSE	1	b	3	r	49	36	*	0.21		
	Holyhead ...	28.93	42	W	4	cp	29.05	+ .16	41	39	- 2	WSW	3	c	2	cp, cp	47	38	*	0.12		
	Pembroke (St. Ann's)	29.03	46	WSW	6	b	29.12	+ .12	44	42	- 1	WNW	4	b	4	b	46	41	7.2	0.20		
GERMANY, &c.	Scilly (St. Mary's)...	29.19	49	WSW	5	c	29.15	- .01	46	44	- 1	WSW	4	c	4	cp, c	53	43	6.8	0.02		
	Jersey (St. Aubins)...	29.36	50	SW	7	cp	29.31	- .13	47	44	+ 1	S	4	og	4	cp	53	45	4.7	0.01		
	Portland Bill ...	29.23	45	SSW	5	b	29.23	- .01	45	44	0	SSW	3	cp	5	b	48	42	*	0.41		
	Dungeness ...	29.30	44	WSW	5	r	29.31	- .10	45	44	+ 5	SW	4	c	5	r	48	39	*	0.26		
	Wick ...	28.80	36	NE	8	r	28.76	- .44	36	36	+ 1	NW	1	r	6	r	36	33	*	0.55		
	Nairn ...	28.74	35	2	0	o	28.79	- .26	35	34	+ 2	SW	1	c	1	rs.o	37	31	*	0.12		
	Aberdeen ...	28.74	39	SE	2	b	28.84	- .14	38	37	+ 2	SSW	3	b	5	og, b	41	34	0.2	0.20		
	Leith ...	28.75	37	N	1	o	28.85	- .01	40	37	+ 3	SW	3	c	*	o	42	35	*	0.15		
	North Shields ...	28.81	42	SSW	3	c	28.98	+ .06	40	38	0	SSW	3	b	2	c, r	47	36	*	0.01		
	Spurn Head ...	28.93	44	SSW	6	b	29.10	+ .02	44	42	+ 5	SSW	5	c	4	og, b	47	38	*	0.27		
FRANCE.	Yarmouth ...	29.13	45	SSW	6	cp	29.22	- .11	44	43	+ 8	S	4	c	4	cp	45	35	*	0.09		
	Loughborough ...	29.00	46	SW	6	c	29.12	+ .06	42	40	0	WSW	4	c	*	cp	53	40	*	0.14		
	Oxford ...	29.17	44	SSW	4	o	29.19	+ .04	45	43	+ 1	S	3	c	*	cp	50	42	*	0.20		
	London (Brixton)	29.18	48	WSW	4	b	29.24	- .05	43	43	+ 2	SSW	3	or	*	cp	48	40	0.3	0.39		
	The Scaw (Skagen)	29.74	34	SE	5	o	29.39	- .50	34	34	+ 6	S	6	m	2	o	34	28	*	0.04		
	Fanö ...	29.50	35	ESE	8	r	29.40	- .36	40	39	+ 9	S	6	o	*	r	40	30	*	0.20		
	Cuxhaven ...	29.62	40	SSE	5	o	29.52	- .32	44	43	+ 14	S	5	c	*	o	45	30	*	-		
	The Helder ...	29.28	44	SSW	7	r	29.34	- .21	46	43	+ 11	SSW	6	c	4	r	46	35	*	0.24		
	Brussels...	*	*	*	*	*	29.49	- .19	45	43	+ 10	SSE	4	o	*	b	50	35	*	0.08		
	Berlin ...	29.90	37	SE	2	b	29.78	- .21	42	36	+ 12	SSE	3	o	*	b	43	30	*	-		
SPAN. PEN.	Frankfurt ...	29.75	45	S	4	c	29.73	- .23	42	38	+ 11	S	2	o	*	c	48	31	*	-		
	Munich ...	29.92	36	E	6	b	29.85	- .17	39	35	+ 14	SE	4	o	*	b	43	25	*	-		
	C. Gris Nez ...	29.34	44	SW	6	r	29.37	?	45	42	+ 9	SW	6	o	6	r	48	32	*	0.16		
	Brest ...	29.41	50	SW	5	c	29.29	- .14	47	46	- 1	WSW	3	c	4	c	50	36	*	0.08		
	Lorient ...	29.48	48	SW	5	c	29.35	- .21	48	46	0	SSW	4	o	4	c	54	46	*	0.04		
	Rochefort ...	29.62	52	WSW	4	o	29.46	- .29	50	48	+ 10	SSE	5	o	*	o	57	37	*	0.12		
	Biarritz ...	29.63	64	S	5	o	29.54	- .25	60	51	+ 7	S	4	c	3	o	66	53	*	-		
	Paris ...	29.53	58	SW	4	b	29.50	- .25	46	43	+ 11	S	3	o	*	b	58	35	*	0.16		
	Belfort ...	29.73	48	WSW	4	b	29.72	- .24	42	36	+ 14	NE	4	o	*	b	53	28	*	-		
	Lyons ...	29.84	49	S	5	o	29.74	- .21	49	44	+ 12	S	2	o	*	o	54	37	*	-		
Nice ...	30.13	42	2	0	o	30.01	- .12	45	43	+ 8	E	6	r	4	o	46	37	*	0.20			
Perpignan ...	29.85	54	S	3	o	29.76	- .24	54	52	+ 13	S	2	o	*	o	68	41	*	-			
SPAN. PEN.	Corunna ...	29.57	52	WNW	1	f	29.45	- .20	50	49	+ 5	NW	1	f	5	f	54	45	*	0.24		
	Lisbon ...	29.50	56	SSE	4	c	29.56	- .11	57	57	+ 5	SSW	2	c	*	c	59	52	*	0.35		
	Azores (P. Delgada)	29.75	55	NE	1	o	29.76	+ .20	56	53	+ 1	SE	1	o	2	o	63	54	*	-		

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

† Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR Sunday, 31<sup>st</sup> March, 1901.

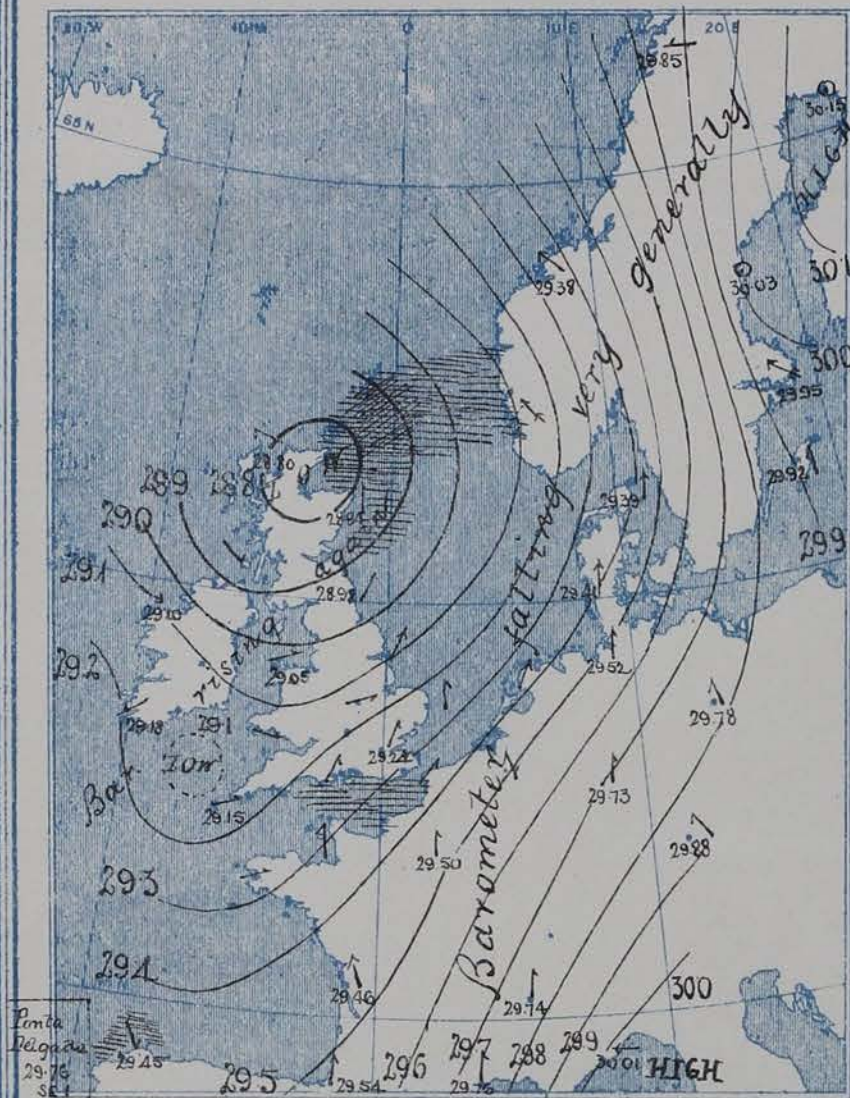
## I. BAROMETER, WIND AND SEA. This Morning.

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



## II TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

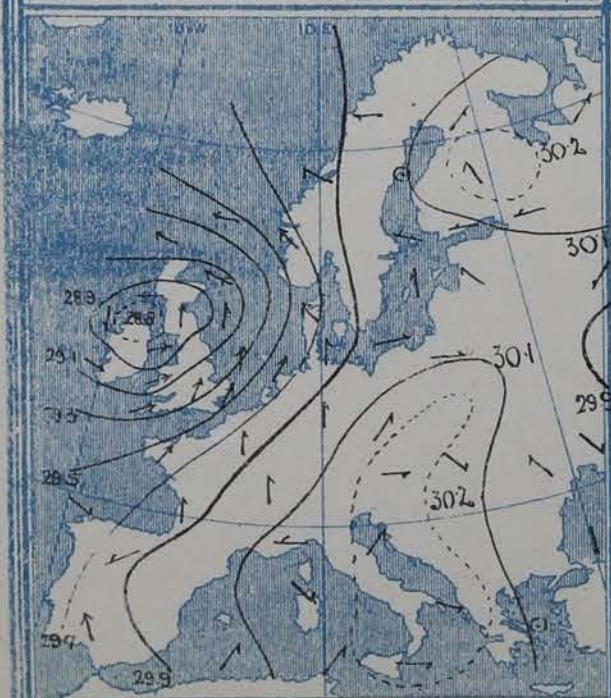
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

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



## III BAROMETER AND WIND

Yesterday morning.



## IV. Means of DAILY MINIMUM TEMPERATURE for the Two monthly period March-April (1871-1900.)



## V. Means of DAILY TEMPERATURE at 8 a.m. for the Two monthly period March-April (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The deep depression over Ireland yesterday has reached the north of Scotland and is inclined to fill up: the barometer has fallen fast in Norway and over the western part of the Continent generally, and the 8 am reading ranges from between 30.0 in. and 29.8 in. over the south and southeast of France, and from 29.85 in. at Paris to 28.8 in. and less in the depression over Scotland, and about 29.1 in. in a secondary at the mouth of the St. George's Channel.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind has become  $N^3$  to  $SW^1$  over the north of France and all but the northern parts of the British Isles, but the gales over England and Scotland have moderated. In Scandinavia the wind is  $E$  and  $SE$  and strong in force, while over France generally it is  $S^3$  to  $SW^1$  and light. The weather is very changeable and unsettled, rain or snow is reported in several places, clear sky in others, but as a whole the tendency is improving in the west and northwest. The sea is rough in the north generally, moderate on our other coasts.

During yesterday rain fell very generally - the greatest amounts being 0.55 in. at Wick and 0.41 in. at Portland Bill. Temperature reached  $53^{\circ}$  to  $50^{\circ}$  at some of our southern and central stations, but was below  $50^{\circ}$  in the other parts of our Islands and there was hail at Spurn Head. Rain fell in many parts of France also and in Norway. Bright Sunshine was considerable in the west - 8 hours at Valence and about 7 hrs at Rembs and Seilly, very slight in the east and southeast - none at Northumbria or Hastings.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS \*

For the 24 hours ending at NOON on 1<sup>ST</sup> APRIL 1901

### DISTRICTS.

### FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

NONE ISSUED.

### DISTRICTS.

### FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

### WARNINGS

The South Cone is still flying in districts 2, 3, 5, 7, and 8.

NONE ISSUED.

Note.—The South Cone, point downwards ( $\nabla$ ), 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 ( $\nabla$ ), 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.

\* For terms for transmission of Forecasts by Telegraph, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton on Sea	*	*	*	*	*	*	*	*	*	*	0	*	c. 0	44	38	0.6	0.27
Newton Reigny (Penrth)	28.84	37	S 4	r	28.98	+ .11	39	36	+ 3	SW 4	b	*	cp. q	42	34	2.7	0.48
Bath	29.08	43	SW 8	r	29.17	+ .06	46	44	0	SW 4	b	*	r	52	42	3.8	0.30

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Birmingham, 9 p.m.	50	34	p. c	3.9	0.16	Llandudno	*	*	*	4.5	*
Hastings	*	*	*	0.0	*	Rhyl	*	*	*	*	*
Eastbourne	*	*	*	*	*	Southport	*	*	*	3.2	*
Brighton	*	*	*	*	*	Manchester, 9 p.m.	48	36	r. bc. hp. o	?	0.32
Worthing	*	*	*	0.0	*	Darwen, 9 p.m.	42	31	sr. om	0.8	1.37

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) MAR. 30 <sup>th</sup>	—	—	—	Ins.	Algiers ... MAR. 30 <sup>th</sup>	66	54	c, c	Ins.
Madrid	61	36	o, c	—	Tunis	64	39	bc, bc	—
Corsica (I. Sanguinaires)	61	45	m, m	—	Vienna	36	25	o, b	—
Rome	54	36	b, o	0.04	St. Petersburg	25	1	b, o	—
Florence	50	32	b, o	0.39	Lugano ... MAR. 29 <sup>th</sup>	43	—	b	Measured 7 a.m.
Trieste	43	28	b, b	—	Davos	23	—	b	—
Brindisi	66	45	c, bc	—	Lucerne	30	—	bc	0.04
Naples	54	45	b, b	0.04	Lausanne	32	—	bc	0.04
Palermo	64	45	o, b	—					

## 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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corres- ponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corres- ponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

MARCH 31 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.32	11.57	6.22
Greenwich	5.40	12.4	6.28
Wick	5.45	12.16	6.48
Valencia	6.21	12.45	7.9

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 " " " " 21 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & Sons' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.



# ADDITIONS, AND CORRECTIONS TO THE

## 1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.					
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.		
				At 82° and M.S.L.	Dry Bulb.		Direc.	Force (0 to 12.)	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.					Direc.	Force (0 to 12.)		Max.	Min.
Ina.	°				Ina.	Ina.	°	°											Ina.			
1	Corunna	29.89	58	SW	3	b	29.74	-20	58	52	+3	WSW	5	0	5	b	-	59	50	0.12		
2	Brussels	-	-	-	-	-	29.52	+0.05	39	-	-2	SW	3	0	-	0	-	47	38	0.32		
-	Corunna	29.77	59	WSW	6	b	29.62	-12	59	57	+4	WSW	6	r	6	b	-	63	54	0.16		
-	Lisbon	30.03	57	WSW	5	r	30.03	+0.01	58	57	+2	SW	5	r	-	r	-	58	55	0.51		
-	Azores (P. Delgada)	29.96	60	SW	5	0	29.93	-1.1	60	58	-2	WSW	5	0	6	0	-	64	59	0.16		
3	Corunna	29.57	59	WSW	6	0	30.09	+4.7	52	46	-7	W	6	0	6	0	-	63	46	0.16		
4	Corunna	30.20	54	W	6	bc	30.52	+4.3	50	46	-2	SW	2	b	5	bc	-	55	43	-		
-	Azores (P. Delgada)	30.59	54	MMW	4	bc	30.51	+0.04	57	51	+7	S	5	c	5	bc	-	59	50	-		
5	Corunna	30.12	57	W	4	bc	30.48	-0.4	53	49	+3	SW	3	0	5	bc	-	59	46	-		
-	Lisbon	30.56	51	N	4	b	30.55	-0.04	40	37	-3	NNE	4	b	-	b	-	61	40	-		
6	Corunna	30.04	61	SW	5	bc	30.36	-12	56	52	+3	WSW	5	f	5	bc	-	61	50	-		
-	Lisbon	30.46	56	NNE	4	b	30.43	-12	51	46	+11	NNE	2	bc	-	b	-	64	40	-		
-	Azores (P. Delgada)	30.36	59	ESE	5	c	30.40	+0.08	58	52	-1	ESE	4	0	4	c	-	63	57	-		
7	Corunna	30.39	55	MMW	5	bc	30.08	-28	51	50	-5	W	7	r	7	bc	-	57	46	-		
8	The Helder	29.28	38	SW	1	c	29.68	+5.1	38	-	-3	EHE	2	0	2	c	-	46	37	-		
-	Corunna	30.04	52	W	9	bc	29.81	-27	48	46	-3	NW	9	0	6	bc	-	54	46	0.16		
9	Corunna	29.85	50	MMW	9	0	30.01	+20	46	44	-3	NE	6	0	8	0	-	52	41	0.20		
11	Corunna	30.08	?	NE	1	?	30.05	-	42	41	-	N	1	f	3	?	-	54	37	0.08		
12	Brussels	-	-	-	-	-	29.88	+1.1	39	-	+6	MMW	3	f	-	0	-	39	32	0.08		
-	Corunna	30.08	52	N	1	bc	30.17	+12	48	47	+6	SW	1	f	3	bc	-	52	42	0.12		
13	Corunna	30.16	54	SW	1	b	29.95	-22	46	43	-2	SE	1	f	3	b	-	53	41	-		
14	Corunna	29.80	62	S	3	b	29.81	-14	50	46	+4	?	3	f	3	b	-	63	45	-		
15	Corunna	29.61	50	MMW	3	r	29.73	-0.8	49	47	+1	SW	1	0	4	r	-	57	45	0.39		
16	Corunna	29.75	54	ESE	3	0	29.69	-0.4	54	51	+5	S	1	b	2	0	-	59	48	0.08		
-	Lisbon	29.99	54	SSW	4	r	29.85	-14	53	53	-2	SSW	4	r	-	r	-	57	51	0.95		
18	Lisbon	29.64	52	SSW	2	r	29.36	-44	54	54	0	S	1	r	-	r	-	57	50	0.55		
19	Corunna	29.57	?	NE	3	0	29.42	-	48	46	-	SSW	1	f	3	0	-	59	43	-		
-	C. Griz Neg.	29.45	?	HW	3	bc	29.69	+27	45	41	-3	NE	1	b	3	bc	-	54	39	-		
21	Corunna	29.68	50	S	5	r	29.53	-16	48	46	+3	NE	1	0	3	r	-	52	43	0.12		
-	Lisbon	29.68	54	S	5	r	29.60	-19	56	54	+2	SW	5	r	-	r	-	57	54	0.55		
-	Azores (P. Delgada)	29.90	59	MMW	5	bc	29.97	+33	59	54	0	WSW	5	c	4	bc	-	64	55	-		
22	Corunna	29.69	52	HW	3	bc	30.08	+55	51	47	+3	HW	3	0	3	bc	-	52	45	-		
-	Lisbon	29.99	54	HW	4	c	30.19	+59	53	48	-3	N	2	b	-	c	-	61	50	-		
23	Corunna	30.18	54	HW	3	bc	30.20	+12	44	-	-7	SE	1	f	1	bc	-	54	37	-		
-	Lisbon	30.20	53	N	3	b	30.12	-07	50	47	-3	NNE	4	bc	-	b	-	61	48	-		
25	Corunna	29.76	59	NE	3	b	?	?	45	42	-2	NE	1	f	3	b	-	61	41	-		
26	Corunna	29.76	58	NE	3	b	29.93	?	48	44	+3	NE	3	f	3	b	-	59	41	-		
27	C. Griz Neg.	29.89	34	HW	3	c	29.76	-18	31	-	+3	N	3	c	2	c	-	39	27	-		
-	Corunna	?	48	?	5	0	30.17	+24	45	41	-3	NE	3	0	3	0	-	50	39	-		
28	Terpignan	29.84	46	HW	3	b	29.88	-10	42	-	+7	HW	3	bc	-	b	-	49	35	-		
-	Corunna	30.19	48	HW	3	b	30.08	-09	48	45	+3	HW	3	0	4	b	-	50	43	-		
29	Corunna	30.07	51	HW	3	bc	30.04	-04	45	42	-3	SE	1	bc	3	bc	-	52	39	-		
30	Spurn Head	29.59	35	SSE	4	S	29.08	-67	39	38	+9	S	8	r	6	S	-	40	30	0.19		
-	Lisbon	29.85	55	WSW	3	0	29.67	-84	52	51	+5	E	4	0	-	0	-	59	47	0.04		
-	Azores (P. Delgada)	29.48	55	SW	2	bc	29.56	+17	55	53	-3	NNE	3	c	3	bc	-	61	54	-		



## REPORTS FOR MARCH 1901.

## 2. CORRECTIONS.

[illegible]