

19,796

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY — 30TH JUNE,
1881.



MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH
DAILY TO THE METEOROLOGICAL OFFICE, FROM JAN 1ST TO JUNE 30TH 1881



DAILY WEATHER REPORT

F O R

TUESDAY, 1st MARCH.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

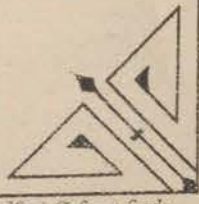
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ROBERT H. SCOTT
(SECRETARY.)



Fred^o Dangerfield, 12, 22, Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Tuesday 1st March

1881

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

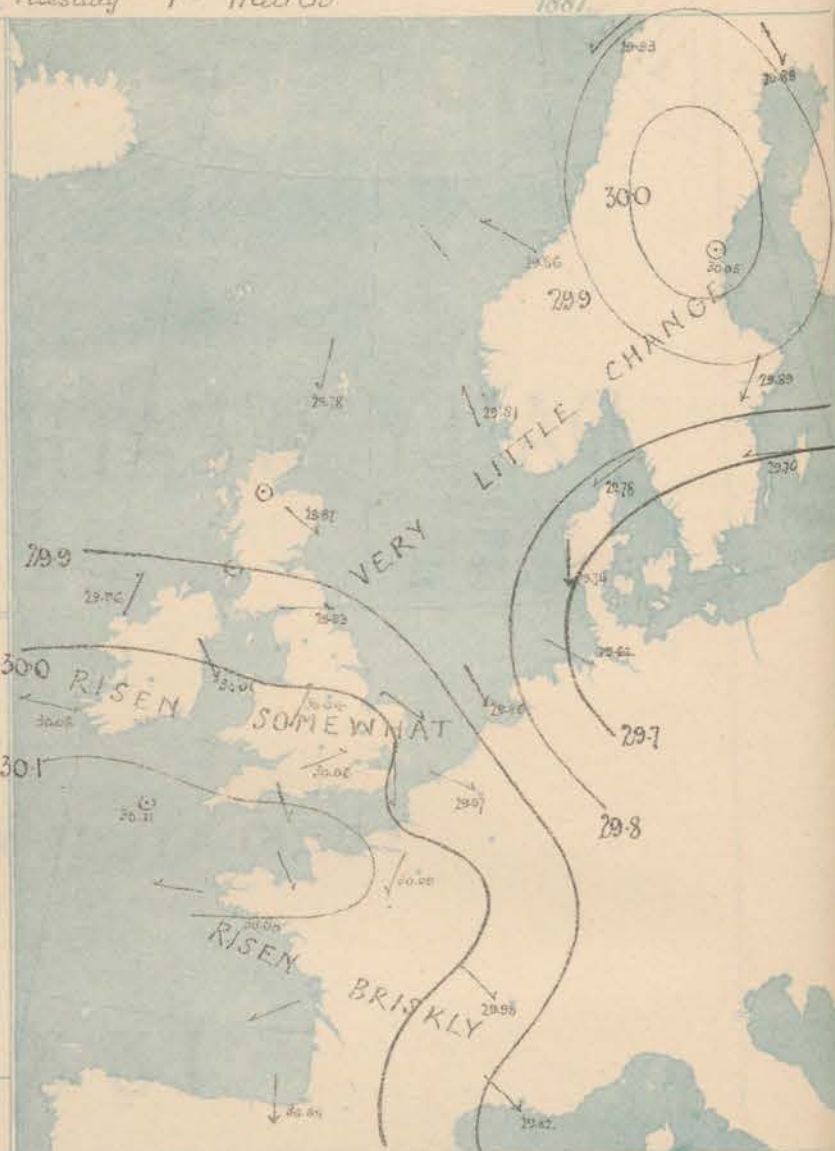
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ○ = dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast; thus — Rough; — High.

MEAN* HEIGHT of the BAROMETER for the month of March

Stations.	Mean Readings.
Nairn	29.853
Aberdeen	29.858
Leith	29.888
Scarborough	29.912
Ardrossan	29.894
Greencastle	29.889
Holyhead	29.897
Valentia	29.917
Roche's Pt.	29.973
Plymouth	29.947
LONDON	29.940
Yarmouth	29.925

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

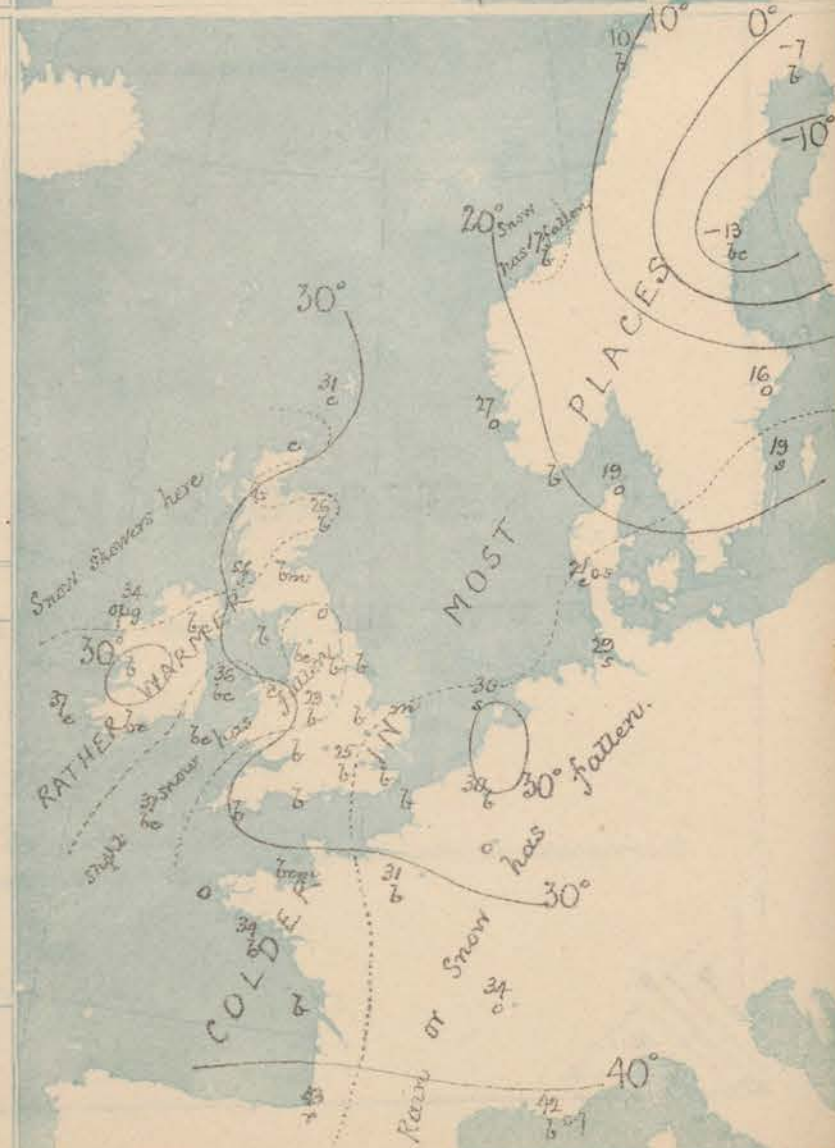
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of March

Stations	Temp.	Rain-fall
Sunbury Head	38.6	1.52
Sarnoway	39.5	4.20
Aberdeen	40.2	1.84
Shields	40.6	1.63
York	40.9	1.54
Mullaghmore	42.3	?
Holyhead	43.4	2.12
Parsonstown	42.7	2.29
Valentia	44.7	4.15
Sally (St. Mary's)	47.2	2.18
Hurst Castle	43.5	?
Dover	42.9	2.03
LONDON	42.7	1.46
Ermouth	41.0	1.31

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for TUESDAY, 1ST MARCH, 1881, at 8 a.m.

An increase of pressure is reported this morning from all parts of Western Europe except North Germany and the Baltic. A large area of low readings is shown over the latter regions, while comparatively high pressures prevail over the north-west of France and the north of Scandinavia. The wind varies a good deal. The low pressure noticed above draws it into E over Sweden and into N on the eastern shores of the North Sea, while W breezes are reported over the British Isles, and NE and E over France and the Channel. In North Germany the wind is rather strong, and at Biarritz blows with the force of a fresh gale, but elsewhere it is light or moderate. The weather is fine at the great majority of stations, but rain is reported from Mullaghmore and Biarritz, and snow from Ardara, the Helder and Cuxhaven. Temperature has fallen except in the extreme west, and sharp frost prevails all over the more eastern districts; readings range from 37° in the south-west to 22° at Cambridge. The minima last night were 19° at York and Nottingham and 23° in London. The sea is slight.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

2ND MARCH

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Light breezes, generally W; fine, turning warmer.
2 SCOTLAND EAST	2° — 2° — 2°
3 ENGLAND N.E.	Light or moderate W winds; fine to cloudy and milder.
4 ENGLAND EAST	2° — 2° — 2°
5 MIDLAND COUNTIES	W breezes and calms; fine, then some fog.
6 ENGLAND SOUTH	Light W and NW breezes; fine, then cloudy and some fog.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SW and W breezes, light; cloudy, milder.
7 ENGLAND N.W.	2° — 2° — 2°
8 ENGLAND S.W.	Calms and W breezes; fair, hazy.
9 IRELAND NORTH	SW and W breezes, light or moderate; fine, cloudy, milder.
10 IRELAND SOUTH	2° — 2° — 2°
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 1st MARCH 1881.

† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.76	3	N	2	b	29.89	+ .14	7	7	- 13	N	2	b	*	12	-9	-	
Hernösand ...	29.99	-8	Z	0	b	30.05	+ .02	-13	-13	+ 3	Z	0	b	*	23	-20	-	
Stockholm ...	30.02	15	WSTW	2	b	29.89	- .11	16	15	+ 6	ENE	6	0	*	24	3	-	
Wisby ...	29.94	17	S	2	bc	29.70	- .29	19	19	+ 4	ESE	4	5	*	30	5	0.08	
Bodö ...	29.92	9	E	2	b	29.93	.00	10	9	+ 4	ENE	2	b	1	14	7	-	
Christiansund...	29.86	21	SE	1	b	29.86	+ .04	16	16	- 9	ESE	1	b	2	27	5	0.08	
†Skudesnaes ...	29.80	29	SSE	8	0	29.81	- .03	27	23	- 3	SE	4	0	4	3	?	-	
Oxö (Xtiansund)...	29.84	27	NE	4	b	29.83	- .07	20	18	+ 1	NNE	4	b	2	28	?	-	
Skagen (The Skaw)	29.86	23	E	3	b	29.78	- .18	19	17	- 2	ENE	4	0	2	23	19	-	
Fanö ...	29.63	24	ENE	6	S	29.70	- .16	21	19	- 1	N	6	0	*	28	19	0.47	
Cuxhaven ...	29.64	31	E	4	0	29.62	- .16	29	29	- 1	WSTW	5	S	*	?	27	-	
†Sumburgh Head	29.78	27	NNE	2	bc	29.78		31	30		NNE	4	0	3	33	?	0.01	
†Stornoway ...																		
Wick ...	29.85	31	N	4	0	29.85	- .07	25	24	0	N	1	0	2	38	21	0.06	
Nairn ...	29.87	31	Z	0	b	29.88	- .06	27	27	+ 2	Z	0	b	2	25	25	-	
†Aberdeen ...	29.82	34	NNW	4	b	29.87	- .05	26	25	- 4	NNW	3	b	2	35	24	0.01	
Leith ...	29.87	36	N	1	bc	29.88	- .05	29	28	- 3	N	1	bc	*	39	22	-	
†Shields ...	29.84	32	NNW	2	b	29.93	+ .05	26	25	- 4	N	3	0	3	34	20	0.25	
Spurn Head ...	29.79	32	NNW	4	0	29.95	+ .16	28	28	- 4	N	4	b	3	38	28	-	
York ...	29.83	32	NNW	2	0	29.97	+ .11	23	23	- 6	N	1	b	*	36	19	0.02	
Nottingham ...	29.86	27	N	1	0	30.04	+ .21	23	22	- 4	SW	2	b	*	36	19	0.04	
†Ardrossan ...	29.89	34	N	1	b	29.90	- .06	34	30	+ 5	Z	0	sf	0	41	25	0.03	
†Mullaghmore ...	29.96	35	NNW	2	b	29.96	+ .02	34	34	+ 5	SW	3	0	2	40	29	0.03	
Donaghadee ...	29.94	35	ESE	3	0	29.93	.00	30	30	- 4	N	4	bc	2	39	27	-	
Parsonstown ...	29.99	34	Z	0	b	30.05	+ .17	25	25	- 1	Z	0	b	*	37	24	-	
Barrow-in-Furness	29.89	34	NE	4	bc	29.96	+ .07	29	28	0	NE	2	b	2	42	27	-	
†Holyhead ...	29.91	36	NNW	3	b	30.01	+ .13	36	35	+ 5	NW	3	bc	3	36	31	0.02	
Liverpool (Bidston)	29.88	33	NW	3	b	29.99	+ .12	32	31	+ 3	WSTW	2	0	2	36	30	-	
†Valentia ...	29.99	37	NE	4	b	30.08	+ .18	37	36	+ 4	E	2	0	2	41	29	-	
Roche's Point...	29.97	35	NE	3	b	30.09	+ .24	32	31	+ 2	NNW	1	bc	3	42	29	-	
Pembroke ...	29.90	32	NNE	1	b	30.05	+ .27	35	33	+ 3	WSTW	2	bc	1	36	26	0.02	
†Scilly ...	29.87	39	NE	5	0	30.11	+ .38	37	34	+ 1	Z	0	bc	3	41	34	0.10	
Prawle Point ...	29.87	30	NNW	3	0	30.11	+ .34	27	26	- 1	NNW	3	b	3	41	25	-	
Hurst Castle ...	29.83	33	NE	3	b	30.09	+ .32	26	24	- 2	NNW	2	b	2	38	25	-	
†Dover ...	29.74	34	NE	3	b	30.02	+ .32	29	28	- 4	NNW	3	b	1	38	28	0.03	
†London ...	29.80	31	N	3	b	30.06	+ .29	25	-	- 6	WSTW	1	b	*	34	23	-	
Oxford ...	29.87	29	N	1	b	30.06	+ .27	25	24	- 4	N	1	b	*	37	23	-	
Cambridge ...	29.80	28	N	1	b	30.03	+ .29	22	22	- 8	N	1	b	*	36	21	?	
†Yarmouth ...	29.78	31	NNW	2	0	29.97	+ .25	27	27	- 7	NNW	3	m	4	35	25	0.11	
The Helder ...	29.63	32	NNE	3	0	29.86	+ .20	30	28	- 1	NNW	2	S	2	32	30	0.04	
Cap. Gris Nez	29.73	35	N	4	bc	29.95	+ .26	30	30	- 6	N	4	b	3	39	27	-	
†Jersey ...	29.85	35	N	3	0	30.15	+ .41	34	32	- 2	NNW	1	bc	1	40	32	-	
Brest ...	29.88	37	ESE	3	0	30.11	+ .36	36	24	+ 3	E	3	0	3	46	32	-	
Lorient ...	29.79	40	NE	4	0	30.08	?	32	34	+ 1	E	3	b	1	43	30	-	
†Rochefort ...	29.78	41	N	7	0	30.08	+ .46	36	34	- 10	ENE	4	b	2	54	30	0.20	
Biarritz ...	29.80	52	NNW	7	?	30.08	+ .52	42	41	- 9	N	8	?	3	55	37	0.39	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	29.97	+ .30	30	30	- 4	NNW	3	b	*	36	29	0.12	
Charleville ...	29.62	37	NNW	1	0	29.94	+ .29	29	27	- 7	N	3	0	*	41	28	?	
Paris ...	29.70	36	N	3	0	30.02	+ .42	34	28	- 3	NNE	4	b	*	*	*	0.20	
Lyons ...	29.85	48	SSE	7	0	29.98	+ .23	34	32	- 8	NN	1	0	*	54	33	0.04	
Toulon ...	29.78	50	SW	5	0	29.82	+ .07	42	39	- 4	NN	5	bc	4	50	41	0.71	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.58	26	NNE	4	0	28.67	+ .08	21	20	- 2	N	1	bc	*	30	15	0.06	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.											
	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.
Skudesnaes ...	29.80	33	30	ESE	7	0	Valentia ...	29.95	39	36	N
Sumburgh Head	29.82	32	30	NNW	3	bc	Scilly ...	29.88	40	38	ENE
Stornoway ...							Dover ...	29.68	37	34	NNE
Aberdeen ...	29.86	34	31	NNW	4	b	London ...	29.74	34	32	NNE
Shields ...	29.84	33	32	N	3	5	Yarmouth ...	29.70	34	33	NE
Ardrossan ...	29.90	39	37	NNW	1	b	Jersey ...	29.78	38	38	NNE
Mullaghmore ...	29.95	38	35	ENE	1	b	Rochefort ...	29.64	44	42	NNE
Holyhead ...	29.84	36	34	NE	4	0					

The mercury is falling in the E. and N. but rising in the SW. and W. Cold N. breeze prevails with airy weather in the E. but moderately clear skies in the W. and N. Temperature ranges from 40° at Scilly to 38° at Shields

EXPLANATION OF COLUMNS.

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. equally; 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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

WEDNESDAY, 2ND MARCH

1881.

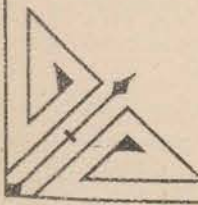
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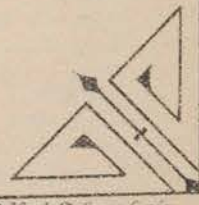
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ROBERT H. SCOTT
(SECRETARY.)



Printed by Dangerfield, Lath. 22 Bedford St. (near Garden).

WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 2nd MARCH, 1881.

BAROMETER, WIND & SEA

Explanation of Map

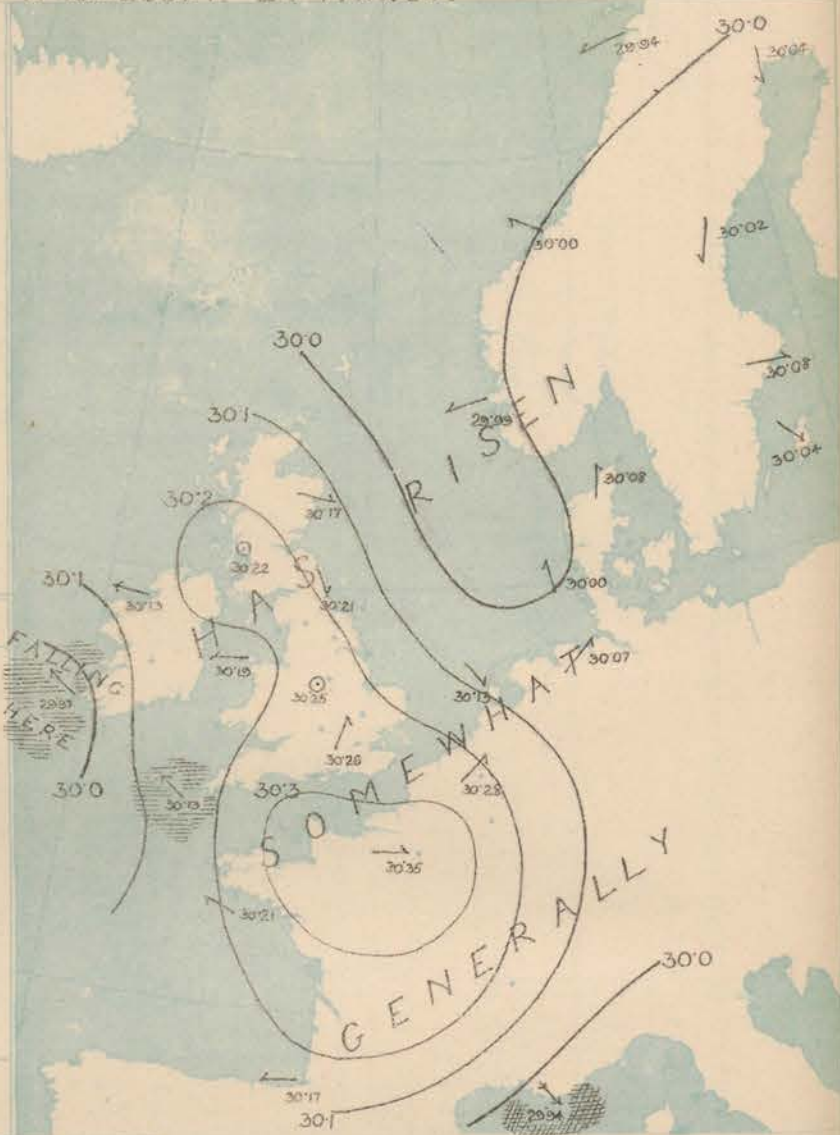
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus:
— force above 10; — force 8 to 10;
— force 5 to 7; — force 4 to 5;
○ dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough. High.

MEAN* HEIGHT of the BAROMETER

for the month of March

Stations	Mean Readings In.
Nairn	29.853
Aberdeen	29.858
Leith	29.888
Scarborough	29.912
Ardrossan	29.894
Greenock	29.880
Holyhead	29.897
Valencia	29.917
Rochester	29.973
Plymouth	29.947
LONDON	29.940
Farmouth	29.925

* These means are for the 10 years 1870-79. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.
Rains of 0.4 in. or more are quoted in figures.

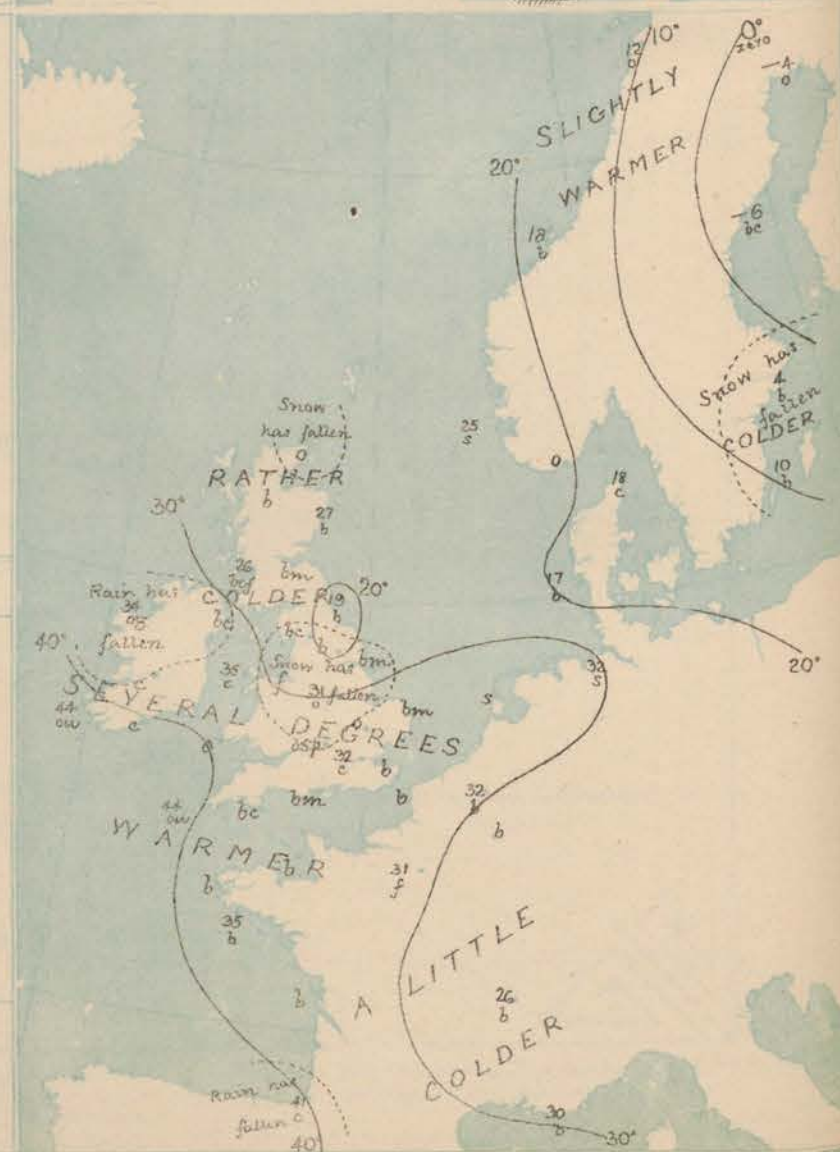
MEANS* OF TEMPERATURE

AND RAINFALL

for the month of March

Stations	Temp	Rain-fall in.
Sunderland Head	38.6	1.52
Sunderby	38.5	1.30
Aberdeen	40.2	1.84
Shetland	40.6	1.53
Fife	40.9	1.54
Edinburgh	42.3	2
Holyhead	43.4	2.12
Bombastown	43.7	2.29
Valencia	45.7	4.16
Sally (St Mary's)	47.3	2.18
Burn Castle	47.5	2
Dover	47.9	2.03
LONDON	47.7	1.46
Farmouth	47.0	1.71

* The mean Temperatures are those for the 15 years 1867-81; the mean amounts of Rain are those for the 10 years 1870 to 1879.



REMARKS

for... Wednesday March 2nd 1881... at 8 a.m.

The weather is becoming much more unsettled than of late. The barometer continues to rise over the greater part of these Islands and a large area of high pressure lies over England and France but in the S. of Ireland the mercury is falling and a depression is advancing to our SW. coasts. Smaller disturbances are at the same time shown over the North Sea and the Gulf of Lyons. The wind varies a good deal. It is light from N. and NW over our Central and Eth districts, strong from NNW. at Toulon and fresh or strong from SE. and S. over the Bay of Biscay and our SW. and W. coasts.

The weather is fine in most parts of Great Britain and France but is overcast at our NWth and SWth Stations as well as over the midland Counties of England. Snow is falling at Oxford, in N Germany and at Skudeznaes while fog is reported from Liverpool and Paris. Temperature has risen on our W. and S. coasts fallen in the N. and over France; readings range from 44° at Valentia to 19° at Shields while as far S. as Toulon the thermometer marks only 30°. During the night temperature fell to 17° at Shields, 19° at Leith and York and 24° in London.

The Sea is rough at Valentia and Scilly, slight generally.—

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

3rd MARCH,

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	Light W ^{ly} breezes; then SE ^{ly} or Variable; fine to dull and unsettled.			
2	SCOTLAND EAST	D ^{ry}	D ^{ry}	D ^{ry}	D ^{ry}
3	ENGLAND N.E.	NW ^{ly} breezes, and fair weather; then SE ^{ly} , dull and unsettled.			
4	ENGLAND EAST	W ^{ly} breezes, light or moderate, becoming cloudy and milder subsequently.			
5	MIDLAND COUNTIES	SW ^{ly} and S ^{ly} breezes, light to moderate; dull, unsettled, perhaps rain or sleet			
6	ENGLAND SOUTH	W ^{ly} breezes, backing and freshening; fair to dull; some rain or sleet			

DISTRICTS

FORECASTS

6	SCOTLAND WEST	SE ^{ly} and S ^{ly} breezes, freshening; dull, some rain or sleet			
7	ENGLAND N.W.	D ^{ry}	D ^{ry}	D ^{ry}	D ^{ry}
8	ENGLAND S.W.	S ^{ly} winds and gales; dull, squally, some rain			
9	IRELAND NORTH	SE ^{ly} and S ^{ly} winds and gales; dull, squally, and rainy			
10	IRELAND SOUTH	D ^{ry}	D ^{ry}	D ^{ry}	D ^{ry}
WARNINGS		The South Coast has been hoisted in districts 8. and 10.			

METEOROLOGICAL OBSERVATIONS FOR 2ND MARCH 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.09	-14	Z	0	b	30.04	+ .15	-4	-4	+ 3	N	2	o	*	3	-15	-		
Hernösand ...	29.05	-7	Z	0	b	30.02	- .03	-6	-6	+ 7	NNE	2	bc	*	23	-18	-		
Stockholm ...	29.76	15	N	6	s	30.08	+ .19	4	4	- 12	W	2	b	*	18	?	0.12		
Wisby ...	29.65	20	N	6	s	30.04	+ .34	10	10	- 9	NNW	2	b	*	25	?	0.43		
Bodö ...	29.99	12	E	2	b	29.94	+ .01	12	11	+ 2	ENE	2	o	1	16	9	-		
Christiansund...	29.95	17	SE	1	b	30.00	+ .14	18	17	+ 2	ESE	3	b	2	19	5	-		
†Skudesnaes ...	29.91	20	SE	8	s	29.99	+ .18	25	25	- 2	ENE	2	s	3	28	?	-		
Oxö (Xiansund)...	29.95	21	NNW	2	b	30.01	+ .18	23	22	+ 3	SE	4	o	2	23	14	-		
Skagen (The Skaw)	29.98	30	Z	0	b	30.08	+ .30	18	16	- 1	S	3	c	0	23	12	-		
Fanö ...	29.04	19	SSE	4	o	30.00	+ .30	17	17	- 4	SSE	1	b	*	23	16	0.08		
Cuxhaven ...	29.02	30	N	3	bc	29.07	+ .45	32	32	+ 3	SW	2	s	*	?	25	-		
†Sumburgh Head																			
†Stornoway ...																			
Wick ...	29.99	28	N	1	bc	29.16	+ .31	29	28	+ 4	NW	2	o	3	34	20	0.45		
Nairn ...	29.92	30	Z	0	b	29.19	+ .31	22	22	- 5	SW	1	b	1	34	22	-		
†Aberdeen ...	29.97	31	NNW	3	b	29.17	+ .30	27	25	+ 1	NNW	2	b	1	34	21	-		
Leith ...	29.00	30	NNW	1	b	29.21	+ .30	21	20	- 8	W	1	bc	*	40	19	-		
†Shields ...	29.98	34	NNW	1	o	29.21	+ .28	19	18	- 7	NW	2	b	0	35	17	-		
Spurn Head ...	29.02	37	WSW	4	c	29.20	+ .25	28	27	0	NNW	3	bc	4	39	27	0.01		
York ...	29.02	37	W	2	o	29.22	+ .25	20	20	- 3	N	1	b	*	41	19	0.14		
Nottingham ...	29.09	33	SSW	4	b	29.25	+ .21	31	30	+ 8	NNE	1	o	*	42	24	0.01		
†Ardrossan ...	29.01	36	NNW	1	c	29.22	+ .32	26	26	- 5	E	1	bc	1	39	24	-		
†Mullaghmore ...	29.04	37	W	2	c	29.13	+ .17	34	34	0	ESE	5	og	4	41	30	0.16		
Donaghadee ...	29.03	34	WSW	2	bc	29.20	+ .27	34	32	+ 4	ESE	2	bc	0	40	29	0.02		
Parsonstown ...	29.92	35	W	1	o	29.15	+ .10	32	32	+ 7	E	1	c	*	45	24	0.11		
Barrow-in-Furness	29.02	36	N	3	o	29.20	+ .24	28	25	- 1	NE	2	b	2	42	25	0.01		
†Holyhead ...	29.02	40	WSW	4	o	29.19	+ .18	35	35	- 1	E	1	c	0	41	34	-		
Liverpool (Bidston)	29.04	37	WSW	3	b	29.20	+ .21	30	30	- 2	ESE	1	f	1	40	30	0.28		
†Valentia ...	29.08	44	S	4	bc	29.97	- .11	44	41	+ 7	SE	7	oc	6	47	35	-		
Roche's Point...	29.08	39	WSW	3	bc	29.10	+ .01	42	39	+ 10	S	5	c	4	44	32	-		
Pembroke ...	29.11	40	SW	3	c	29.15	+ .10	40	35	+ 5	S	3	o	3	41	36	-		
†Scilly ...	29.17	40	SW	3	bc	29.13	+ .02	44	44	+ 7	SE	7	oc	5	47	35	-		
Prawle Point ...	29.20	37	SSW	2	bc	29.24	+ .13	35	33	+ 8	NE	3	bc	2	43	30	-		
Hurst Castle ...	29.18	38	NNW	4	b	29.26	+ .17	35	32	+ 9	E	1	bc	2	40	26	-		
†Dover ...	29.16	35	NNW	2	bc	29.26	+ .24	34	31	+ 5	SW	3	b	1	40	28	-		
†London ...	29.14	34	W	2	bc	29.26	+ .20	32	30	+ 7	SSW	2	c	*	42	25	-		
Oxford ...	29.17	33	WSW	2	b	29.25	+ .19	32	30	+ 7	WSW	2	oc	*	42	25	0.01		
Cambridge ...	29.11	34	SW	1	b	29.22	+ .19	33	32	+ 11	WSW	1	o	*	41	21	-		
†Yarmouth ...	29.08	34	W	2	bc	29.21	+ .24	33	32	+ 6	W	2	bc	3	36	26	-		
The Helder ...	29.08	35	WSW	3	b	29.13	+ .27	34	33	+ 4	NW	3	s	1	36	30	0.08		
Cape Gris Nez	29.17	37	W	4	bc	29.25	+ .20	37	34	+ 7	WSW	4	b	3	39	30	-		
†Jersey ...	29.25	36	E	1	bc	29.24	+ .16	37	33	+ 3	S	2	b	3	42	33	-		
Brest ...	29.19	42	S	1	o	29.17	+ .06	38	35	+ 2	SSE	5	b	3	45	34	-		
Lorient ...	29.18	38	SSW	1	bc	29.21	+ .12	35	32	+ 1	ESE	4	b	2	41	30	-		
†Rochefort ...	29.20	42	NE	3	b	29.27	+ .19	34	30	- 2	ESE	5	b	2	?	32	-		
Biarritz ...	29.17	49	WSW	4	c	29.17	+ .09	44	37	- 2	E	4	c	3	32	36	0.08		
Corunna ...	*	*	*	*	*			*							*	*	*		
Brussels ...	*	*	*	*	*	29.28	+ .31	32	31	+ 2	SW	3	b	*	36	30	0.04		
Charleville ...	?	?	?	?	?	29.30	+ .36	21	18	- 8	SE	1	b	*	41	19	-		
Paris ...	29.20	39	NNW	3	bc	29.35	+ .26	31	29	0	W	3	f	*	*	*	-		
Lyons ...	29.16	32	N	3	o	29.25	+ .27	26	25	- 8	NNW	4	b	*	36	25	-		
Toulon ...	29.16	36	NW	11	b	29.94	+ .12	30	25	- 12	? NNW	8	b	7	?	30	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.92	31	W	4	S	28.93	+ .26	16	15	- 5	ENE	1	bc	*	32	14	0.19		

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.86	28	26	S	4	S	4	Valentia ...	30.09	45	40	SSW	4	cm	4
Sumburgh Head								Scilly ...	30.16	45	40	SW	2	bc	2
Stornoway ...								Dover ..	30.10	38	34	W	2	c	1
Aberdeen ...	29.93	33	21	NNW	4	b	2	London ...	30.20	39	35	WSW	2	c	*
Shields ...	29.95	34	32	NNW	2	o	2	Yarmouth ...	30.05	36	33	W	3	bc	3
Ardrossan ...	29.95	37	36	NNW	3	c	2	Jersey ...	30.22	41	36	SSE	1	c	1
Mullaghmore ...	30.01	35	34	SW	3	og	2	Rochefort ...	30.18	47	41	NE	3	b	2
Holyhead...	30.05	41	44	WSW	3	b	3								

A slight increase of pressure has occurred in all places since the morning, but at Valentia the rise has now apparently ceased, and the wind is backing generally with milder weather.

EXPLANATION OF COLUMNS.

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) or overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; n. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sunday excepted).

DAILY WEATHER REPORT

F O R

THURSDAY, 3RD MARCH.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s/per quarter.
D^s D^s Bookpost 5^s D^s

ROBERT H. SCOTT
(SECRETARY.)

Printed by D. Bingley, Ltd., 22, Bedford St., Covent Garden.

WEATHER CHARTS

for 8 a.m. on Thursday 3rd March.

1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind Arrows show the prevalent wind. They fly with the wind, and their bars and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ○ dead calm.

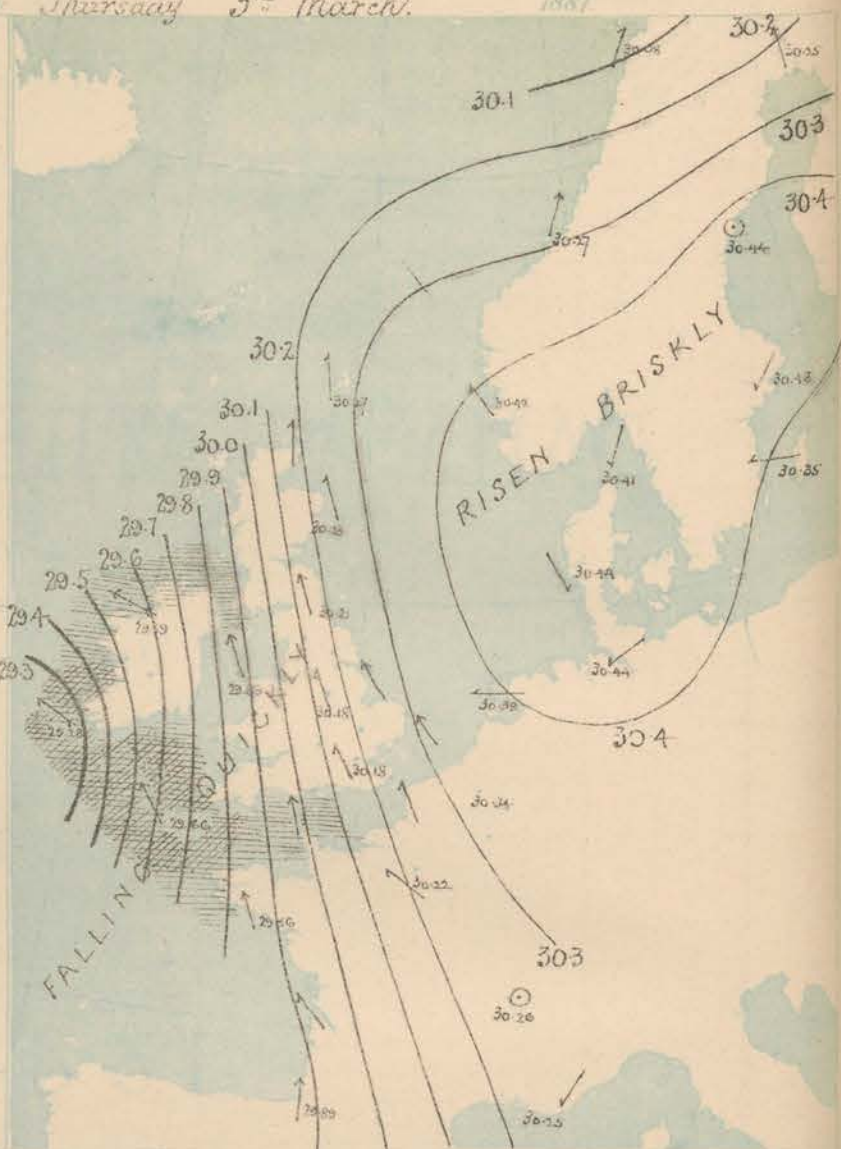
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of March.

Stations	Mean Readings
Nairn	29.832
Aberdeen	29.865
Leith	29.888
Scarborough	29.912
Ardrossan	29.894
Greenock	29.901
Holyhead	29.897
Valencia	29.917
Rochester	29.978
Plymouth	29.937
LONDON	29.940
Yarmouth	29.925

* These means are for the 10 years 1860-70. A more complete set of mean values is in volume of publication.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of March

Stations	Temp.	Rain Fall
Sunderly Head	38.6	1.02
Greenock	39.5	1.20
Aberdeen	40.2	1.54
Shetland	40.4	1.60
Wick	40.9	1.54
Thurso	41.3	1.7
Holyhead	41.4	1.12
Portsmouth	42.7	2.29
London	44.7	4.15
Sally (St Mary's)	47.2	2.18
West Coast	48.5	7
Dover	47.9	2.08
LONDON	42.7	1.46
Yarmouth	41.9	1.91

* The mean Temperatures are those for the 12 years 1857-69; the mean amounts of Rain are those for the 10 years 1860 to 1870.



REMARKS

for THURSDAY, 3RD MARCH 1881 at 8 a.m.

The mercury has risen briskly over the countries to the E^W of the North Sea, and a large area of high pressure lies over these regions, but the brisk decrease of pressure which had commenced in the west yesterday has continued quickly, a deep depression is shown off the west coast of Ireland, and very steep gradients have been formed over these Islands. The wind which has shifted to SE and S on all coasts has increased considerably in force everywhere, and over Ireland and the south-west of England reaches the force of a fresh to hard gale. Temperature has risen except in North Germany, and readings at present range from 47° at Valentia to 28° at Berlin. Over Sweden, the south of Norway and Denmark sharp frost prevails, the thermometers marking -17° F. at Helsingfors and 11° F. at Fins and Abo. The weather is fine and bright over the countries to the E^W of the North Sea as well as over the east and south of France but elsewhere the sky is overcast and over the whole of Ireland rain is falling. The sea is very rough in the west and south-west.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

4TH MARCH

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

SE⁴, strong winds and gales; squally and dull, some snow.

2 SCOTLAND
EAST

SE⁴ gales; dull, squally.

3 ENGLAND
N.E.

SE⁴ gales; dull, squally.

4 ENGLAND
EAST

S⁴ and SE⁴ winds, strong to a gale; dull, cold rain.

5 MIDLAND
COUNTIES

SE⁴ winds, increasing to a gale; dull, squally and cold rain.

6 ENGLAND
SOUTH

SE⁴ gales; dull, squally.

DISTRICTS

FORECASTS

6 SCOTLAND
WEST

S⁴ gales; dull, sleet.

7 ENGLAND
N.W.

Same as no 3.

8 ENGLAND
S.W.

SE⁴ gales; dull, squally.

9 IRELAND
NORTH

S⁴ and SE⁴ winds and gales; dull and rainy, then sleet.

10 IRELAND
SOUTH

SE⁴ gales; dull, squally.

WARNINGS

The North Cone is now flying in Districts 7 and 9 and the South Cone on all other coasts.

METEOROLOGICAL OBSERVATIONS FOR 3RD MARCH 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Reading at 8 a.m. yesterday.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	
Haparanda ...	30.06	11	?	2	0	30.25	+ 21	-4	-4	0	5	2	bc	*	?	-15	-	
Hernösand ...	30.26	-4	?	0	0	30.44	+ 14.2	-17	-17	-41	2	0	bc	*	?	20	?	
Stockholm ...	30.35	10	SW	2	0	30.40	+ 14.0	9	9	+ 5	NE	2	bc	*	?	18	1	
Wisby ...	30.25	15	SW	4	0	30.35	+ 34	22	21	+ 12	ESE	2	bc	*	?	5	-	
Bodö ...	29.90	17	E	4	5	30.03	+ 0.9	24	23	+ 12	SW	4	5	3	?	12	-	
Christiansund ...	30.07	26	SW	6	5	30.27	+ 2.7	27	27	+ 9	SW	6	bc	4	27	9	-	
† Skudesnaes ...	30.25	20	ENE	2	0	30.42	+ 14.3	25	22	0	SE	4	bc	3	2	19	-	
Öxö (Xiänsund) ...	30.20	24	NNE	4	0	30.47	+ 14.6	11	9	- 12	NNH	4	bc	2	25	10	-	
Skagen (The Skaw)	30.21	23	ENE	3	0	30.41	+ 30	19	17	+ 1	NNE	3	bc	2	23	19	-	
Fanö ...	30.22	23	NN	6	0	30.44	+ 14.4	11	11	- 6	NNH	1	f	*	24	10	-	
Cuxhaven ...	30.25	33	W	2	0	30.44	+ 3.7	28	27	- 4	ENE	2	bc	*	34	25	-	
† Sumburgh Head	30.23	25	SW	2	0	30.27		22	22		S	1	c	2	35	28	0.03	
† Stornoway ...																		
Wick ...	30.25	28	N	2	0	30.19	+ 0.9	35	32	+ 6	S	5	cu	3	36	?	0.02	
Nairn ...	30.29	28	?	0	0	30.13	- 0.6	28	28	+ 6	?	0	bc	1	36	21	-	
† Aberdeen ...	30.30	32	E	1	0	30.23	+ 0.6	35	32	+ 8	SSE	5	c	3	36	18	-	
Leith ...	30.31	27	E	1	0	30.15	- 0.6	32	32	+ 12	S	3	0	*	39	20	-	
† Shields ...	30.32	32	NW	1	m	30.21	0.0	36	36	+ 17	SSE	6	0	3	36	19	0.03	
Spurn Head ...	30.35	34	ENE	1	0	30.24	+ 0.4	37	37	+ 9	SE	6	0	4	38	28	0.03	
York ...	30.34	33	SE	1	0	30.22	0.0	35	35	+ 15	ESE	4	0	*	38	20	-	
Nottingham ...	30.31	34	ENE	2	bc	30.18	- 0.7	35	32	+ 4	SE	4	0	*	42	31	-	
† Ardrossan ...	30.27	32	ENE	2	0	30.01	- 2.1	34	34	+ 8	WSW	4	om	2	40	25	-	
† Mullaghmore ...	30.21	38	ESE	7	0	29.59	- 5.2	37	36	+ 3	ESE	8	oms	6	40	?	0.18	
Donaghadee ...	30.22	37	ESE	3	bc	29.91	- 2.9	37	37	+ 3	SSE	8	7	6	39	34	0.06	
Parsonstown ...	30.23	40	ESE	6	0	29.61	- 5.4	38	37	+ 6	SE	9	7	*	41	32	0.20	
Barrow-in-Furness	30.29	34	NE	3	0	30.09	- 1.1	36	34	+ 8	E	6	0	4	37	27	-	
† Holyhead ...	30.17	39	E	3	0	29.88	- 3.1	35	35	0	SE	5	m	3	40	33	0.07	
Liverpool (Bidston)	30.24	36	ESE	3	c	30.02	- 1.8	35	32	+ 3	ESE	6	5	3	38	30	0.06	
† Valentia ...	29.72	43	ESE	7	r	29.28	- 6.9	47	47	+ 3	ESE	8	7	7	49	40	1.40	
Roche's Point ...	29.92	42	SSE	8	r	29.50	- 6.0	44	43	+ 2	SSE	8	7	6	47	36	0.52	
Pembroke ...	30.10	40	SE	5	0	29.75	- 4.0	39	37	- 1	ESE	7	0	5	42	38	0.03	
† Scilly ...	30.01	44	SE	9	0	29.66	- 4.7	46	44	+ 2	SE	10	0	7	47	37	0.17	
Prawle Point ...	30.17	39	ESE	5	c	29.87	- 3.7	40	38	+ 5	ESE	6	c	6	42	35	-	
Hurst Castle ...	30.30	37	S	2	0	30.07	- 1.9	39	35	+ 4	SSE	6	0	5	45	34	-	
† Dover ...	30.46	38	W	3	0	30.24	- 0.2	37	35	+ 3	SE	4	bc	3	43	33	-	
† London ...	30.32	34	SE	2	bc	30.18	- 0.8	36	33	+ 4	SE	4	0	*	44	32	-	
Oxford ...	30.29	36	WNW	2	0	30.14	- 1.1	36	33	+ 4	ESE	4	og	*	46	32	0.02	
Cambridge ...	30.35	37	E	1	0	30.20	- 0.2	36	35	+ 3	SSE	1	0	*	39	31	-	
† Yarmouth ...	30.34	36	NNE	2	0	30.29	+ 0.8	36	33	+ 3	SE	5	bc	4	38	32	-	
The Helder ...	30.36	35	NN	1	0	30.29	+ 2.6	32	30	- 2	E	1	bc	1	39	30	-	
Cape Gris Nez	30.36	37	SW	1	c	30.25	0.0	36	34	- 1	W	1	c	2	45	34	-	
† Jersey ...	30.27	40	SE	4	0	29.95	- 3.6	40	35	+ 3	SE	6	cu	5	43	36	-	
Brest ...	30.08	41	SE	7	0	29.78	- 3.9	41	38	+ 3	SSE	7	0	5	43	34	0.12	
Lorient ...	30.14	41	SE	7	0	29.86	- 3.5	41	?	+ 6	SSE	7	c	?	?	?	-	
† Rochefort ...	30.21	45	SE	7	bc	29.91	- 3.6	38	34	+ 4	SE	4	s	4	48	28	-	
Biarritz ...	30.09	52	E	5	bc	29.89	- 2.8	37	?	+ 16	S	5	bc	2	5	41	-	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	*	*	*	*	*	30.34	+ 0.6	32	31	0	W	3	bc	*	39	31	-	
Charleville ...	30.38	39	SW	4	0	30.32	+ 0.2	30	25	+ 9	NE	4	bc	*	45	?	-	
Paris ...	30.36	39	?	3	0	30.22	- 1.3	35	32	+ 4	ESE	1	bc	*	*	*	-	
Lyons ...	30.32	39	SW	4	0	30.26	+ 0.1	26	26	0	NNW	1	bc	*	36	24	-	
Toulon ...	30.10	42	NN	5	0	30.25	+ 3.1	41	34	+ 11	NE	4	bc	2	46	30	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.02	21	E	3	bc	28.87	- 0.6	30	29	+ 14	ESE	6	s	*	30	14	-	

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.12	29	25	NNE	4	6	2	Valentia ...	29.87	45	43	ESE	8	rm	7
Sumburgh Head	30.18	34	30	NNW	2	6	2	Scilly ...	30.08	45	44	SSE	7	0	6
Stornoway ...								Dover ..	30.32	42	38	NNW	3	bc	1
Aberdeen ...	30.26	35	32	NN	3	6	1	London ...	30.31	42	38	WSW	2	cu	*
Shields ...	30.29	32	31	NN	4	6	2	Yarmouth ...	30.31	38	35	NN	1	6	2
Ardrossan ...	30.27	38	36	ENE	2	c	1	Jersey ...	30.30	41	38	SSE	3	bc	3
Mullaghmore ...	30.10	36	34	ESE	6	og	5	Rochefort ...	30.29	46	29	ESE	7	6	2
Holyhead ...	30.23	40	39	E	3	0	2								

The mercury is falling rather briskly in the SW, and a depression seems to be approaching these coasts. The wind has increased to a gale from ESE at Valentia and at Scilly it is still strong from SSE, while the sky is overcast on all our W coast, but in the E. light NW⁺ breezes prevail with fine weather.

EXPLANATION OF COLUMNS.

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.
 † The evening observations are taken at 6 p.m. in our islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

F O R

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1881.

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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Friday 4th March

1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind Arrows show the prevalent winds. They lie with the wind, and their barbs and feathers refer to force, thus:
→ force above 10; →→ force 8 to 10;
→→ force 5 to 7; →→ force 1 to 4.
⊙ - dead calm.

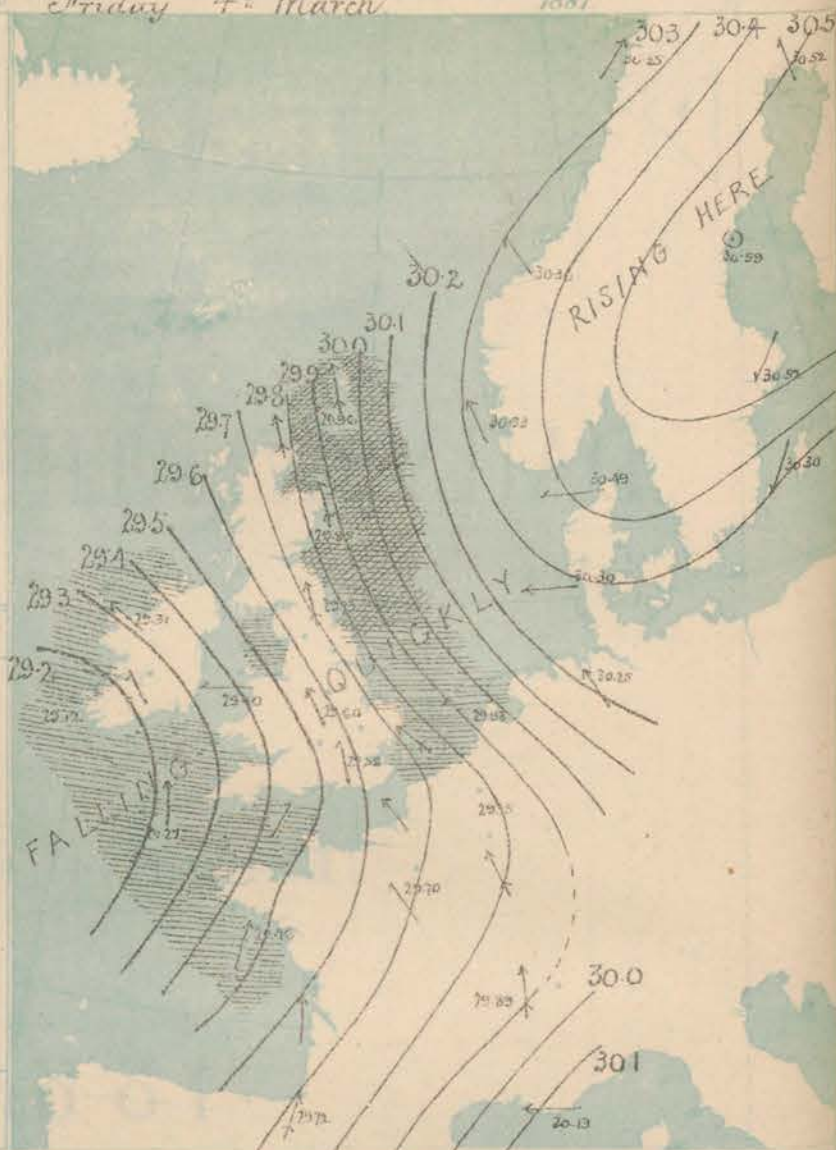
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

MEAN* HEIGHT of the BAROMETER

for the month of March

Stations.	Mean Readings
Nairn	29 853
Aberdeen	29 858
Leith	29 888
Scarborough	29 912
Ardrossan	29 894
Greenock	29 889
Holyhead	29 897
Valencia	29 917
Scilly's Pt.	29 973
Plymouth	29 997
LONDON	29 990
Yarmouth	29 925

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL of LAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

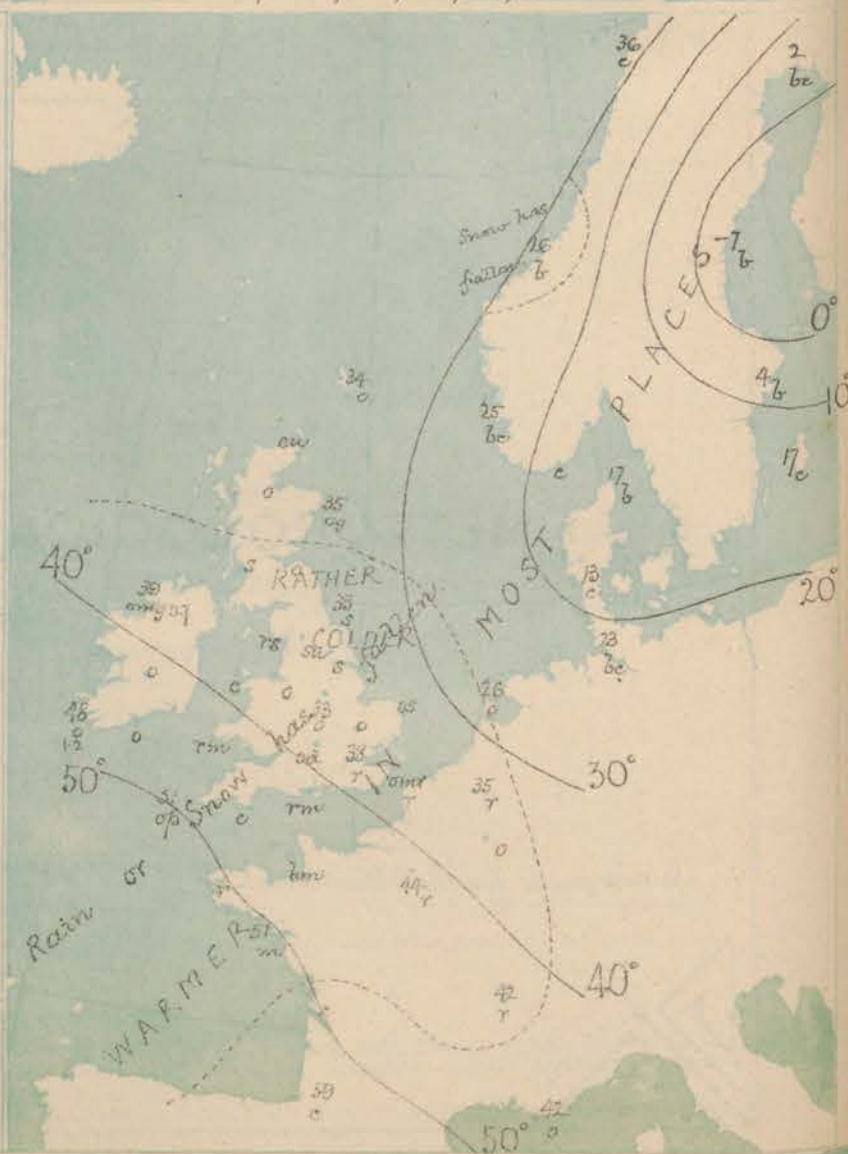
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of March

Stations	Temp	Rain-fall
Sunderland Head	38.6	1.32
Sternway	39.5	1.20
Aberdeen	40.2	1.84
Shetland	40.6	1.53
York	40.9	1.54
Malcolm	42.3	1.7
Holyhead	43.4	2.12
Portsmouth	42.7	2.29
Valencia	44.7	4.16
Scilly (St Mary's)	47.2	2.18
Harbour Castle	43.5	1.7
Dover	42.9	2.03
LONDON	42.7	1.46
Yarmouth	41.9	1.07

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for FRIDAY, 4TH MARCH, 1887, at 8 a.m.

The mercury still rises over the north of Scandinavia, but is falling in all other parts of Western Europe. The large depression noticed in the south west still lies in that neighbourhood, and very steep gradients have been formed over these Islands and the North Sea. At the same time a small subsidiary disturbance lies over the south east of England, and is apparently travelling S^W or SE^W. The wind which remains S^W and SE^W over nearly the whole of Western Europe has decreased a good deal in force on our southern and western coasts, and in those districts now blows strongly only but on the east coasts of England and Scotland a considerable increase in force has occurred and very heavy gales are reported. The weather is fine at Jersey and at most Scandinavian stations, but is dull and very unsettled elsewhere, with continuous rain over the south east of England, and heavy snow in the north of England and south of Scotland. More than an inch has fallen at Valentia. Temperature has fallen in the north east of England, risen slightly elsewhere; readings range from 51° at Sully to 32° at Ardrossan and 33° at Nottingham. Sea is exceedingly high in the north and rough in the east and west.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

5TH MARCH.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

S^W and SSE^W gales to strong winds;
dull, squally, rain or snow.

6 SCOTLAND
WEST

E^W and SE^W winds, strong; dull, cold
rain.

2 SCOTLAND
EAST

— 5° — 5° — 5° —

7 ENGLAND
N.W.

— 5° — 5° — 5° —

3 ENGLAND
N.E.

— 5° — 5° — 5° —

8 ENGLAND
S.W.

S^W winds and gales; cloudy, showery.

4 ENGLAND
EAST

SE^W gales; dull, squally, snowy.

9 IRELAND
NORTH

SE^W winds, strong; dull, cold rain.

5 MIDLAND
COUNTIES

SE^W and E^W winds, squally and
strong; dull, some rain.

10 IRELAND
SOUTH

— 5° — 5° — 5° —

6 ENGLAND
SOUTH

— 5° — 5° — 5° —

WARNINGS

The North Cone is still up in Districts 7 and 9,
the South Cone in Districts 1, 2, 3, 5 and 6.

METEOROLOGICAL OBSERVATIONS FOR 4th MARCH 1881.

	† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.					
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.			
Haparanda ...	30.45	3	S	2	b	30.52	+ 27	2	2	+ 6	S	2	b	*	9	-8	-			
Hernösand ...	30.52	1	Z	0	b	30.59	+ 15	-7	-8	+ 10	Z	0	b	*	14	-18	-			
Stockholm ...	30.60	10	NE	2	b	30.52	+ 04	4	4	- 5	NE	2	b	*	23	?	-			
Wisby ...	30.39	18	NE	4	b	30.30	- 05	17	16	- 5	NE	4	c	*	28	5	-			
Bodö ...	30.15	31	SW	4	o	30.25	+ 20	36	34	+ 12	SW	6	b	4	36	23	-			
Christiansund ...	30.41	28	S	1	b	30.36	+ 09	26	22	- 1	SE	4	b	3	30	16	0.24			
†Skudesnaes ...	30.43	27	SE	4	b	30.39	- 09	25	23	0	SE	6	b	4	32	25	-			
Oxö (Xtiansund) ...	30.50	19	N	4	b	30.45	- 02	17	16	+ 6	NE	6	b	4	21	10	-			
Skagen (The Skaw)	30.31	22	NNE	4	b	30.49	+ 08	17	15	- 2	E	4	b	0	23	16	-			
Fanö ...	30.42	18	ENE	4	c	30.30	- 14	13	13	+ 2	E	6	c	*	23	10	-			
Cuxhaven ...	30.49	27	ENE	4	b	30.25	- 19	23	23	- 5	SE	6	b	*	?	19	-			
†Sumburgh Head	30.15	36	ENE	6	o	29.96	- 31	34	32	+ 2	SSE	8	o	7	37	30	-			
†Stornoway ...																				
Wick ...	29.96	37	SSE	9	b	29.80	- 39	35	34	0	SSE	10	a	7	37	33	-			
Nairn ...	29.88	35	SSE	4	o	29.71	- 42	34	34	+ 6	ESE	4	o	1	36	27	-			
†Aberdeen ...	30.04	36	SSE	8	o	29.85	- 38	35	32	0	SSE	9	og	9	38	33	-			
Leith ...	29.98	36	S	6	o	29.70	- 45	34	33	+ 1	S	6	o	*	36	32	0.05			
†Shields ...	30.07	35	S	9	o	29.78	- 43	33	33	- 3	SE	9	s	7	36	32	0.02			
Spurn Head																				
York ...	30.00	35	SE	5	o	29.69	- 53	33	32	- 2	SE	4	s	*	38	31	0.18			
Nottingham ...	29.92	33	ESE	7	o	29.60	- 58	33	33	- 2	SE	5	o	*	35	32	0.28			
†Ardrossan ...	29.76	26	ESE	5	o	29.60	- 41	32	31	- 2	ESE	4	s	2	36	31	0.11			
†Mullaghmore ...	29.29	38	SE	10	f	29.21	- 28	39	38	+ 2	ESE	6	ong	5	40	37	0.74			
Donaghadee ...																				
Parsonstown ...	29.32	40	SE	9	o	29.28	- 33	41	41	+ 3	SE	2	o	*	42	37	0.16			
Barrow-in-Furness	29.8	36	ESE	6	o	29.56	- 53	33	33	- 3	ESE	6	rs	6	38	32	0.08			
†Holyhead ...	29.60	39	SE	7	m	29.40	- 48	38	38	+ 3	E	3	o	3	41	35	0.10			
Liverpool (Bidston)	29.75	36	E	8	o	29.48	- 54	33	33	0	E	5	o	4	38	32	0.29			
†Valentia ...	29.48	48	SE	6	f	29.12	- 16	48	48	+ 1	SE	5	o	5	50	47	1.20			
Roche's Point ...	29.26	44	SSE	8	f	29.19	- 31	47	46	+ 3	S	3	o	5	47	42	0.43			
Pembroke ...	29.57	40	ESE	8	o	29.29	- 46	42	41	+ 3	ESE	6	rm	4	42	39	0.29			
†Scilly ...	29.41	30	SSE	9	f	29.22	- 44	51	50	+ 5	S	6	op	6	51	45	0.26			
Præle Point	29.61	41	ESE	6	f	29.26	- 51	47	47	+ 7	SSE	5	c	5	47	38	0.17			
Hurst Castle ...	29.78	41	SSE	6	c	29.47	- 60	44	44	+ 5	SW	3	rm	3	44	39	0.37			
†Dover ...	29.97	40	E	5	og	29.62	- 62	39	38	+ 2	SE	3	orm	3	41	37	0.02			
†London ...	29.89	38	SE	5	o	29.58	- 60	38	38	+ 2	SSE	3	r	*	49	36	0.15			
Oxford ...	29.79	39	ENE	5	o	29.52	- 62	39	38	+ 3	ESE	3	od	*	39	36	0.08			
Cambridge ...	29.94	36	SSE	3	o	29.60	- 60	36	35	0	SSE	3	o	*	39	34	0.01			
†Yarmouth ...	30.08	36	ESE	7	b	29.78	- 56	34	33	- 2	ESE	8	os	6	37	32	-			
The Helder ...	30.21	32	E	4	o	29.93	- 46	36	34	- 6	E	4	o	3	36	25	-			
Cape Gris Nez	29.90	39	SE	7	o	29.62	- 63	35	37	+ 2	SE	7	f	3	41	32	0.14			
†Jersey ...	29.71	44	SE	4	ogm	29.52	- 43	47	46	+ 7	SSE	3	bm	3	47	39	0.09			
Brest ...	29.53	48	SSE	5	f	29.39	- 39	50	49	+ 9	S	7	f	5	?	41	0.39			
Lorient ...	29.59	47	SE	5	f	29.46	- 40	51	50	+ 10	SSW	7	m	5	?	34	0.20			
†Rochefort ...	29.76	30	SSE	7	o	29.66	- 25	49	47	+ 11	SE	7	c	2	34	34	-			
Biarritz ...	29.80	62	S	9	o	29.72	- 17	59	57	+ 2	SSW	8	c	3	64	50	-			
Corunna ...	*	*	*	*	*			*	*			*	*	*	*	*	*			
Brussels ...	*	*	*	*	*	29.75	- 59	35	34	+ 3	ESE	4	f	*	41	?	0.16			
Charleville ...	29.98	39	S	4	o	29.80	- 32	36	32	+ 6	SE	8	o	*	45	18	0.08			
Paris ...	29.92	42	ESE	4	o	29.70	- 52	44	43	+ 9	SE	4	f	*	*	*	0.24			
Lyons ...	30.10	49	SSE	9	c	29.89	- 37	42	38	+ 0	S	8	f	*	52	?	-			
Toulon ...	30.24	45	SW	5	b	30.13	- 12	42	39	+ 1	E	5	o	3	52	39	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.65	29	E	7	S	28.36	- 31	28	28	- 2	E	9	sw	*	31	26	0.16			

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes ...	30.47	31	25	SSE	6	b	Valentia ...	29.15	50	48	SE	8	rmg
Sumburgh Head	30.20	36	33	S	5	c	Scilly ...	29.47	46	46	SE	10	rm
Stornoway ...							Dover ...	30.09	41	37	SE	5	og
Aberdeen ...	30.11	37	33	SSE	7	c	London ...	30.01	40	36	ESE	6	og
Shields ...	30.08	36	34	SSE	7	o	Yarmouth ...	30.18	36	33	ESE	6	b
Ardrossan ...	29.87	36	35	ESE	5	s	Jersey ...	29.77	44	39	SE	5	o
Mullaghmore ...	29.39	37	36	SE	9	rm	Rochefort ...	29.69	52	46	ESE	7	o
Holyhead ...	29.65	41	40	SE	7	og							

Pressure continues to decrease generally but not rapidly, and SE² gales or strong winds now prevail on all our coast, with rain in the SW. and cloudy weather elsewhere, except on our extreme E. coasts.

EXPLANATION OF COLUMNS.

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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

F O R

SATURDAY, 5TH MARCH.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s/per quarter.
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ROBERT H. SCOTT
(SECRETARY.)

Fred^l Dangerfield Lith. 22. Bedford St. Court Garden.

WEATHER CHARTS

for 8 a.m. on SATURDAY 5th March.

1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are noted in words.

Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → force above 40; → force 3 to 40; → force 3 to 7; → force 1 to 3.
 ☉ dead calm.

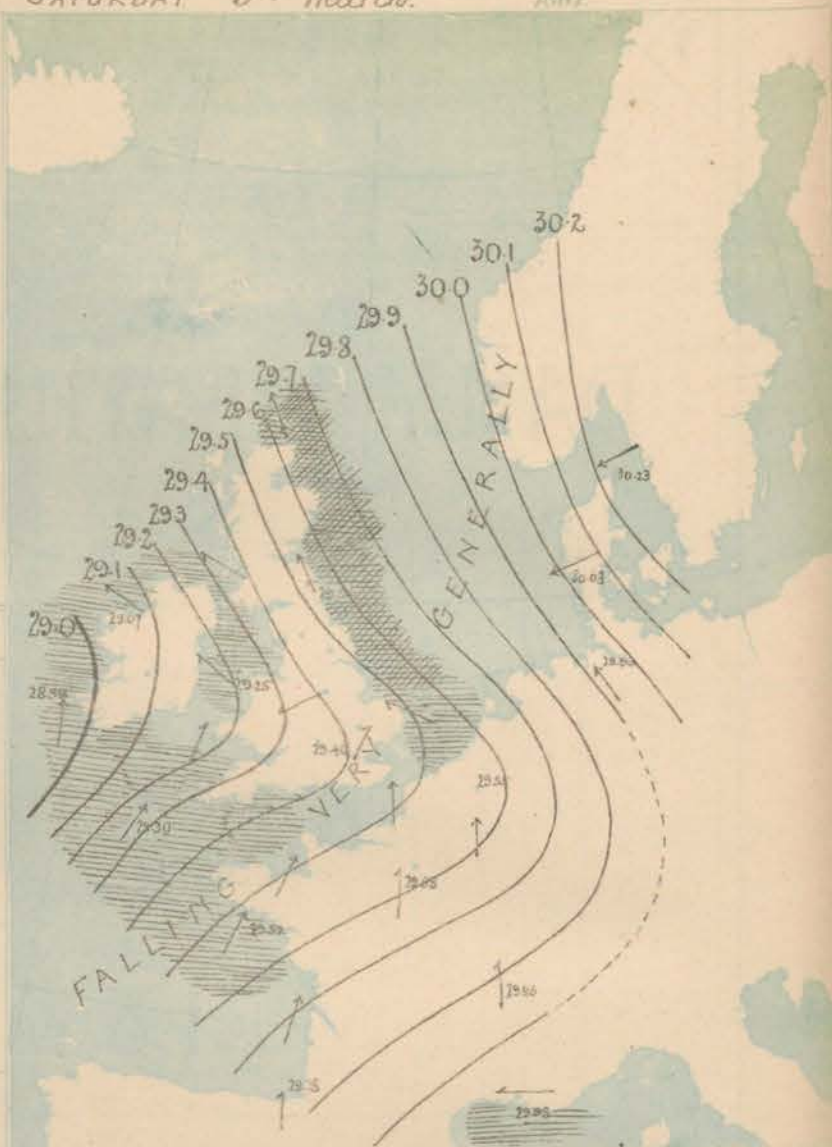
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

MEAN^{*} HEIGHT of the BAROMETER

for the month of March

Stations.	Mean Readings
Naun	29.825
Aberdeen	29.822
Leith	29.848
Scarborough	29.912
Aldersay	29.904
Greenwich	29.889
Holyhead	29.897
Valencia	29.912
Rock's Pt.	29.979
Plymouth	29.992
LONDON	29.910
Wexmouth	29.975

* These means are for the 10 years 1866-75. A more complete list of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature isotherms are drawn for each 1°. Changes in temperature since previous morning are stated in words. Weather letters of the Beaufort Scale refer to the Weather at 8 a.m. Rainfall is shown by figures, the decimal part of which has been taken from the rain gauge. Rain of 1/10 in. or more are quoted in figures.

MEANS^{*} OF TEMPERATURE

AND RAINFALL

for the month of March

Stations.	Temp.	Rainfall
Scarborough Head	38.4	1.22
Greenwich	38.5	1.29
Aldersay	38.2	1.24
Rock's Pt.	38.4	1.22
Valencia	38.9	1.51
Shillingham	38.3	1.2
Holyhead	38.6	2.12
Wexmouth	37.7	2.22
Valencia	37.2	2.16
Sally (St. Mary's)	37.2	2.16
Harst Castle	38.3	2.1
Dover	37.9	2.13
LONDON	37.7	2.36
Wexmouth	37.9	1.07

* The mean temperatures are those for the 12 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SATURDAY, 5TH MARCH 1881, at 8 a.m.

A further fall of the barometer is reported from all parts of Western Europe. A large area of low pressure still lies off the west coast of Ireland, while small subsidiary disturbances are reported from the Midland Counties and over the St. George's Channel. The high barometer over Scandinavia apparently still holds, but the reports from that region have not yet been received. The wind has shifted to SW and S over France and our more Southern districts, but remains SE^{ly} over the North Sea and the northern half of the United Kingdom. All along our east coast it blows a heavy gale, but elsewhere it is only fresh or strong. During the past night and yesterday the gale was exceedingly heavy in "England, NE" and "Scotland, E". The weather is dull and very unsettled: rain is falling in the north of Ireland and over Central England, and snow is reported from the north-east of England. Rain or snow has fallen in all places during the past twenty-four hours, the amounts in the south-east being large. Temperature has risen except in the north-east, and readings range from 52° at Lillie to 33° at Harrow. The sea is rough almost everywhere, and in the north-east is exceedingly high.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

6TH MARCH.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S ^{ly} gales and strong winds; dull and snaw, then rain and milder.	6 SCOTLAND WEST	SE ^{ly} strong winds; dull, squally, rainy.
2 SCOTLAND EAST	—	7 ENGLAND N.W.	SE ^{ly} and S ^{ly} winds, strong; dull, rain.
3 ENGLAND NE	—	8 ENGLAND S.W.	S ^{ly} and SW winds, strong; dull, mist and rain.
4 ENGLAND EAST	E ^{ly} gales to SE ^{ly} strong winds; dull, heavy.	9 IRELAND NORTH	Same as No 7.
5 MIDLAND COUNTIES	S ^{ly} to SW winds, strong; dull, rain.	10 IRELAND SOUTH	Same as No 8.
6 ENGLAND SOUTH	—	WARNINGS	
		The South Coast has been kept up in Districts 9 to 11.	

METEOROLOGICAL OBSERVATIONS FOR 5TH MARCH 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).				Max.	Min.	
Haparanda ...																			
Hernösand ...																			
Stockholm ...																			
Wisby ...																			
Bodö ...																			
Christiansund...																			
†Skudesnaes ...																			
Oxö (Xéiansund)...																			
Skagen (The Skaw)	30.30	20	ENE	5	6		30.23	-.26	19	17	+ 2	ENE	5	0	2		21	16	-
Fanö ...	30.15	13	E	4	6		30.03	-.27	12	12	- 1	ENE	5	0			18	9	-
Cuxhaven ...	30.14	27	SE	7	6c		29.93	-.32	23	23	0	SE	6	6c			27	19	-
†Sumburgh Head																			
†Stornoway ...																			
Wick ...	29.73	35	SSE	9	0		29.64	-.16	34	33	- 1	SSE	10	0	9		37	33	-
Nairn ...	29.64	34	SE	6	0		29.57	-.14	33	32	- 1	NE	4	0	1		35	33	0.01
†Aberdeen ...	29.77	32	SE	9	0		29.67	-.18	34	32	- 2	SE	9	0g	9		35	32	0.03
Leith ...	29.62	35	S	6	5		29.51	-.19	34	33	0	S	3	5			35	32	0.09
†Shields ...	29.65	33	SE	10	7S		29.51	-.19	34	34	+ 1	SE	9	5	9		35	32	0.40
Spurn Head ...	29.55	34	ESE	8	5		29.43	-.38	34	34	0	E	8	7g	7		35	32	0.23
York ...	29.59	33	ESE	4	m		29.48	-.21	34	33	+ 1	E	4	7			35	31	0.40
Nottingham ...	29.50	36	SE	3	r		29.43	-.17	36	26	+ 3	ENE	3	7g			37	33	0.62
†Ardrossan ...	29.50	35	ESE	4	5		29.36	-.24	36	35	+ 4	ESE	4	0	2		37	33	0.17
†Mullaghmore ...	29.23	41	ESE	6	gm		29.07	-.24	41	40	+ 2	ESE	6	migr	5		41	38	0.03
Donaghadee ...	29.40	38	SE	7	0		29.26	-.22	39	39	+ 2	SE	7	0	5		39	36	0.06
Parsonstown ...	29.22	45	SE	3	0		29.05	-.23	47	47	+ 6	SSE	2	0			47	41	0.10
Barrow-in-Furness	29.44	36	ENE	5	0		29.36	-.20	35	34	+ 2	NE	6	0	6		37	33	0.11
†Holyhead ...	29.30	41	E	4	0		29.25	-.15	44	43	+ 6	ESE	3	m	2		44	37	0.10
Liverpool (Biston)	29.39	36	E	6	0		29.33	-.15	37	36	+ 4	E	5	0	3		37	33	0.11
†Valentia ...	29.11	49	SSE	4	om		28.99	-.13	52	49	+ 4	S	7	cm	6		55	46	0.33
Roche's Point...	29.05	46	ESE	3	5		28.93	-.16	47	46	0	SSW	5	0	4		50	43	0.18
Pembroke ...	29.18	46	SW	1	f		29.12	-.17	46	46	+ 4	SSW	4	om	3		46	42	0.53
†Scilly ...	29.29	51	SW	6	op		29.30	+ .08	52	51	+ 1	SW	6	om	6		52	48	0.31
Prawle Point ...	29.35	48	SSW	6	f		29.35	-.01	48	48	+ 1	SW	6	0	6		49	44	0.20
Hurst Castle ...	29.42	48	SW	6	rg		29.38	-.09	44	44	0	W	3	m	4		49	44	0.51
†Dover ...	29.52	45	Z	0	omp		29.42	-.20	45	45	+ 6	SSW	3	omd	3		47	39	0.37
†London ...	29.46	46	SE	1	gmt		29.40	-.18	47	47	+ 9	SW	1	0			49	38	0.60
Oxford ...	29.41	2	ESE	2	0		29.36	-.16	46	45	+ 7	ESE	2	otg			46	38	0.34
Cambridge ...	29.48	38	SSE	3	r		29.40	-.20	44	44	+ 8	SSE	1	0			45	35	0.32
†Yarmouth ...	29.59	35	ESE	7	og		29.49	-.24	36	35	+ 2	ESE	7	ogmd	6		36	32	0.28
The Helder ...	29.78	28	E	5	5		29.65	-.28	26	24	0	E	4	5	3		30	25	0.16
Cape Gris Nez	29.16	51	S	3	5		29.48	-.14	48	48	+ 10	S	5	0	3		54	?	0.47
†Jersey ...	29.51	49	SSW	5	ogmt		29.50	-.02	52	50	+ 4	SW	5	omd	4		51	46	0.46
Brest ...	29.52	50	SW	5	0		29.46	+ .07	50	49	0	SW	5	m	7		52	46	0.51
Lorient ...	29.56	51	SW	5	0		29.52	+ .06	51	51	0	SW	7	m	6		55	46	0.83
†Rochefort ...	29.75	55	SSW	5	0		29.73	+ .07	52	52	+ 5	SSW	7	7	2		63	41	0.20
Biarritz ...	29.76	65	SSW	8	0		29.68	-.04	62	55	+ 3	S	4	0	3		68	54	0.08
Corunna ...																			
Brussels ...							29.55	-.20	47	46	+ 12	SSW	3	7			?	?	0.28
Charleville ...	29.69	42	S	4	0		29.63	-.17	46	45	+ 10	S	5	0			53	?	0.55
Paris ...	29.64	54	S	1	0		29.58	-.12	52	51	+ 8	S	4	0					0.36
Lyons ...	29.57	46	S	5	0		29.55	-.04	44	43	+ 2	S	3	7			49	43	0.08
Toulon ...	30.03	45	E	5	0		29.98	-.15	46	45	+ 4	E	3	0	5		49	?	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.29	29	E	8	5		28.18	-.18	29	29	+ 1	ENE	8	SW			30	27	0.02

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.29	30	24	ESE	7	0	5	Valentia ...	29.10	54	51	E	4	om	4
Sumburgh Head	29.40	34	31	SSE	9	0	8	Scilly ...	29.21	52	52	SW	7	0	6
Stornoway ...								Dover ..	29.54	42	41	E	2	omp	2
Aberdeen ...	29.70	35	32	SSE	9	0	9	London ...	29.49	43	43	SE	2	omgr	*
Shields ...	29.62	34	33	SE	10	2	8	Yarmouth ...	29.63	35	34	ESE	8	om	6
Ardrossan ...	29.52	37	36	ESE	4	5	2	Jersey ...	29.47	49	49	SW	4	0	3
Mullaghmore ...	29.28	40	39	ESE	6	omg	5	Rochefort ...	29.77	60	54	SW	5	0	2
Holyhead...	29.32	42	43	E	4	0	4								

Pressure continues to decrease everywhere, while the depression still hangs off our SW. coast. Heavy SE gales still prevail on the E. coast of England and Scotland, and the weather is very unsettled and dull.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; w. 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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

† Received too late for insertion in Chart



DAILY WEATHER REPORT

F O R

SUNDAY, 6TH MARCH.

1881.

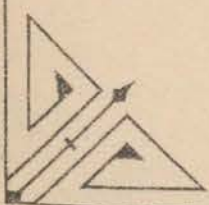
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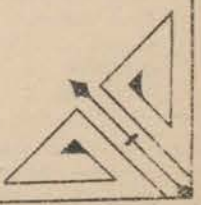
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Sunday 6th March.

1887

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:
 — force above 10; — force 8 to 10;
 — force 5 to 7; — force 1 to 4.

☉ = dead calm.

Sea-Disturbance, where considerable, is shown by shading round the coast, thus: — Rough, — High.

MEAN* HEIGHT of the BAROMETER for the month of March

Stations.	Mean Readings
Nairn	29.825
Aberdeen	29.858
Leith	29.880
Scarborough	29.912
Ardrossan	29.894
Greenock	29.880
Holyhead	29.897
Valentia	29.917
Roche's Pt.	29.970
Plymouth	29.947
LONDON	29.940
Yarmouth	29.925

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters & the Beaufort Scale show state of Weather at 8 a.m.

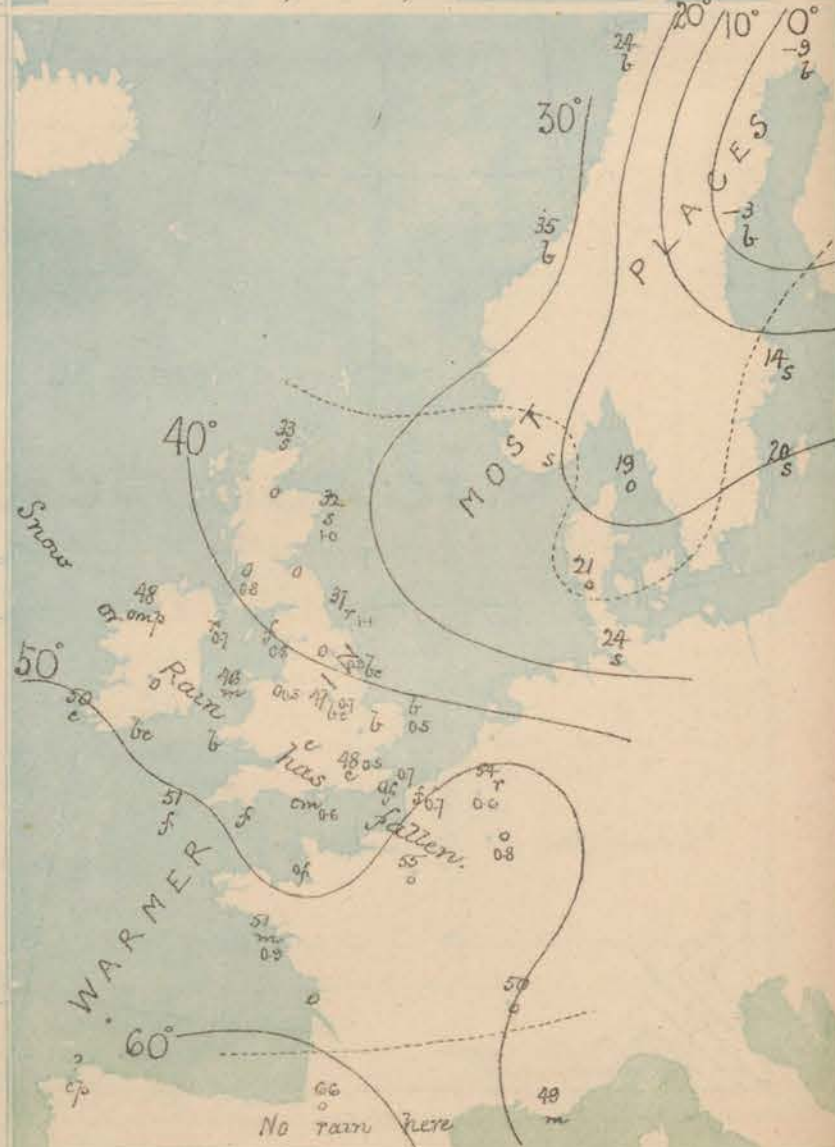
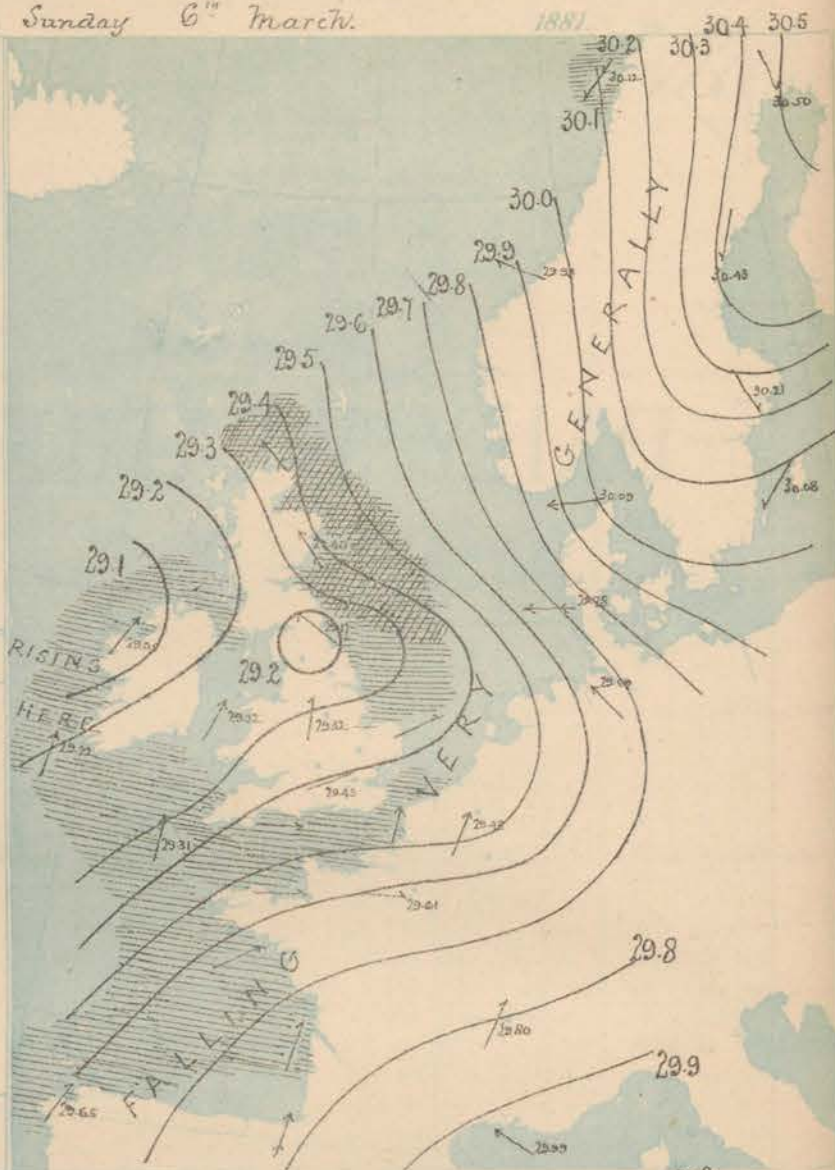
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of March

Stations	Temp.	Rain-fall
Sandburgh Head	38.6	1.02
Sarnowap	39.5	4.20
Aberdeen	40.2	1.44
Shields	40.6	1.63
York	40.9	1.64
Mullaghmore	42.3	2
Holyhead	43.4	2.12
Paranstown	43.7	2.29
Valentia	44.7	4.18
Sally (St Mary's)	47.2	2.18
Hurst Castle	48.5	2
Dover	42.9	2.33
LONDON	42.7	1.46
Earnmouth	40.0	1.91

* The mean Temperatures are those for the 13 years 1852-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SUNDAY, 6TH MARCH 1881 at 8 a.m.

The large depression which lay off the south west of Ireland yesterday morning is now moving slowly N^W, and is at present found off the north west of that country, while a well-marked subsidiary disturbance is lying over the north east of England. At all our south western, and southern stations the barometer is rising steadily, but in the north and north east the mercury still falls, while a separate decrease over Scandinavia seems to show that the area of high pressure which has so long held over that region is at length giving way. The winds over Ireland and the southern parts of England are fresh from the SW^W, while on our north east coast a light SE breeze is reported, but in the north and east of Scotland the violent SE^W gale still holds. A fresh to strong S.W. gale blew in the Channel last night. Temperature has risen over Ireland and England, but in Scotland the weather remains very cold; readings range from 51° at Scilly to 35° at York and 32° at Aberdeen. The maxima yesterday were rather high at some of our more southern stations, Oxford and London being 56°. The weather has improved considerably over the southern parts of Ireland and England, but in the north of those countries rain is falling, and in the east of Scotland a violent storm of snow and sleet continues. The sea is still exceedingly high on our N. and NE coasts, rather rough elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

2 SCOTLAND EAST

3 ENGLAND N.E.

4 ENGLAND EAST

5 MIDLAND COUNTIES

6 ENGLAND SOUTH

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

WARNINGS

NONE ISSUED -

NONE ISSUED -

METEOROLOGICAL OBSERVATIONS FOR 6TH MARCH 1881.

+ YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirce.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	30.52	-3	Z	0	b	30.50	-12	-4	-4	0	N	2	b	*	12	-11	-		
Hernösand ...	30.52	14	N	2	b	30.43	-11	-3	-3	-1	NNE	2	b	*	26	-9	-		
Stockholm ...	30.33	14	NNE	2	c	30.21	-15	14	14	-3	N	2	s	*	19	12	-		
Wisby ...	30.15	22	E	4	o	30.08	-05	20	19	-2	ENE	2	s	*	30	16	-		
Bodö ...	30.27	27	E	2	b	30.12	-21	24	23	-3	NE	8	b	5	32	23	-		
Christiansund ...	30.06	34	ESE	2	b	29.93	-22	35	34	+4	ESE	4	b	2	36	18	-		
†Skudesnaes ...																			
Oxö (Xiansund) ...	30.19	22	NE	6	o	30.04	-15	20	19	-1	ENE	6	s	0	23	19	-		
Skagen (The Skaw)	30.22	23	E	6	b	30.09	-14	19	18	0	E	6	o	2	23	19	-		
Fanö ...	29.99	23	E	6	c	29.89	-10	21	19	+2	E	8	o	*	23	12	-		
Cuxhaven ...	29.93	26	ESE	7	o	29.69	-24	24	24	+1	SE	7	s	*	22	21	-		
†Sumburgh Head																			
†Stornoway ...																			
Wick ...	29.56	35	SE	10	o	29.35	-21	33	33	-1	SE	10	s	9	35	31	0.06		
Nairn ...	29.47	35	SW	3	s	29.22	-25	33	33	0	SW	4	o	3	36	30	0.01		
†Aberdeen ...	29.61	32	SE	9	s	29.40	-21	32	32	-2	SE	8	s	9	34	30	0.96		
Leith ...	29.43	35	S	6	o	29.25	-18	34	33	0	SE	1	o	*	36	32	0.11		
†Shields ...	29.50	33	SE	9	o	29.17	-33	37	37	+3	SE	2	r	9	37	33	1.05		
Spurn Head ...	29.44	33	ESE	6	o	29.27	-17	39	39	+5	W	1	bc	5	42	33	0.43		
York ...	29.48	34	ESE	3	o	29.27	-21	35	35	+1	W	1	o	*	37	32	0.86		
Nottingham ...	29.41	40	NE	2	r	29.32	-9	47	46	+11	SSW	3	bc	*	38	36	0.66		
†Ardrossan ...	29.30	38	ESE	3	o	29.19	-11	34	33	-2	E	3	o	2	38	32	0.75		
†Mullaghmore ...	28.99	32	SSE	8	c	29.05	-02	48	47	+7	SW	6	ogm	5	54	41	0.15		
Donaghadee ...	29.19	41	SE	6	o	29.15	-4	42	42	+3	SE	3	r	1	42	38	0.92		
Parsonstown ...	29.04	51	SSE	2	o	29.20	+15	48	48	+1	S	1	o	*	57	43	0.10		
Barrow-in-Furness	29.31	37	NNE	5	o	29.21	-10	41	41	+6	SW	2	f	5	41	34	0.80		
†Holyhead ...	29.21	40	S	3	m	29.22	-1	46	46	+2	SW	5	m	4	38	42	0.38		
Liverpool (Bidston)	29.28	41	E	5	o	29.24	-4	47	45	+10	SSW	3	o	1	47	37	0.51		
†Valentia ...	28.96	37	SSE	4	c	29.22	+3	50	48	-2	SSW	5	c	5	53	48	0.12		
Roche's Point ...	29.03	47	SW	3	c	29.24	+2	48	46	+1	WSW	3	bc	4	51	45	0.04		
Pembroke ...	29.11	46	SE	3	f	29.28	+7	46	45	-1	SW	5	b	3	48	44	0.33		
†Scilly ...	29.11	32	SSW	9	r	29.31	+10	51	51	-1	SW	5	f	6	52	45	0.41		
Prawle Point ...	29.25	44	SSE	6	r	29.44	+19	48	48	0	SW	4	f	5	50	45	0.28		
Hurst Castle ...	29.40	48	SW	5	r	29.44	+4	44	44	0	W	5	cm	5	51	43	0.57		
†Dover ...	29.49	47	WSW	3	o	29.42	-7	44	44	-1	WSW	5	of	4	48	44	0.68		
†London ...	29.43	51	S	3	r	29.43	+0	48	45	+3	WSW	4	c	*	56	46	0.48		
Oxford ...	29.31	51	SW	4	r	29.38	+7	47	46	+1	?WSW	4	c	*	56	46	0.44		
Cambridge ...	29.42	49	NE	1	o	29.35	-7	48	46	+2	SW	1	b	*	54	43	0.48		
†Yarmouth ...	29.49	37	ESE	6	r	29.33	-16	48	47	+1	WSW	3	b	4	48	34	0.48		
The Helder ...																			
Cape Gris Nez	29.53	51	SW	5	r	29.42	-11	46	46	-2	SW	7	f	5	54	45	0.71		
†Jersey ...	29.46	51	S	3	o	29.53	+7	48	48	-3	W	3	of	3	52	47	0.33		
Brest ...																			
Lorient ...	29.48	52	SSW	7	m	29.53	+5	51	51	0	WSW	7	m	6	52	48	0.91		
†Rochefort ...	29.66	57	SSW	7	o	29.74	+8	54	53	0	SW	4	o	8	59	48	0.16		
Biarritz ...	29.72	68	SSW	7	o	29.75	+3	66	55	+11	SSW	8	o	4	72	55	-		
Cornwall ...	*	*	*	*	*	29.65	-10	54	53	+1	SW	4	cp	5	*	*	*		
Brussels ...	*	*	*	*	*	29.43	-26	54	53	+1	SW	4	r	*	55	52	0.63		
Charleville ...	29.64	53	SW	4	o	29.53	-11	52	49	+3	S	4	o	*	58	?	0.33		
Paris ...	29.64	56	SW	4	o	29.61	-3	55	54	+1	W	4	o	*	*	*	0.24		
Lyons ...	29.56	50	S	1	r	29.56	0	50	47	+3	SW	1	o	*	52	?	0.04		
Toulon ...	29.98	52	SW	3	bc	29.99	+1	49	49	+3	SE	5	m	3	54	46	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.17	30	ENE	5	o	27.94	-23	32	32	+3	Z	0	fr	*	32	28	0.10		

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes	30.06	32	27	SE	6	b	5	Valentia	29.99	53	50	SSE	7	cm	6
Sumburgh Head								Scilly	29.26	52	52	S	7	r	6
Stornoway								Dover	29.49	46	46	W	3	cm	2
Aberdeen	29.63	33	31	SE	9	s	9	London	29.44	56	53	SW	3	c	*
Shields	29.53	34	34	SE	9	s	9	Yarmouth	29.48	36	36	ESE	7	mm	6
Ardrossan	29.33	37	36	ESE	5	r	3	Jersey	29.52	52	52	S	4	r	4
Mullaghmore	29.01	32	49	SSE	6	pg	5	Roche fort	29.73	55	54	SW	5	r	2
Holyhead	29.21	50	49	S	4	m	3								

Pressure is beginning to give way again at Valentia, and the winds there has backed to SSE. On our NE. coasts very heavy gale accompanied by a continuous storm of sleet and an exceedingly high sea are reported.

EXPLANATION OF COLUMNS.

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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

MONDAY, 7th MARCH.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


S. W.

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ROBERT H. SCOTT

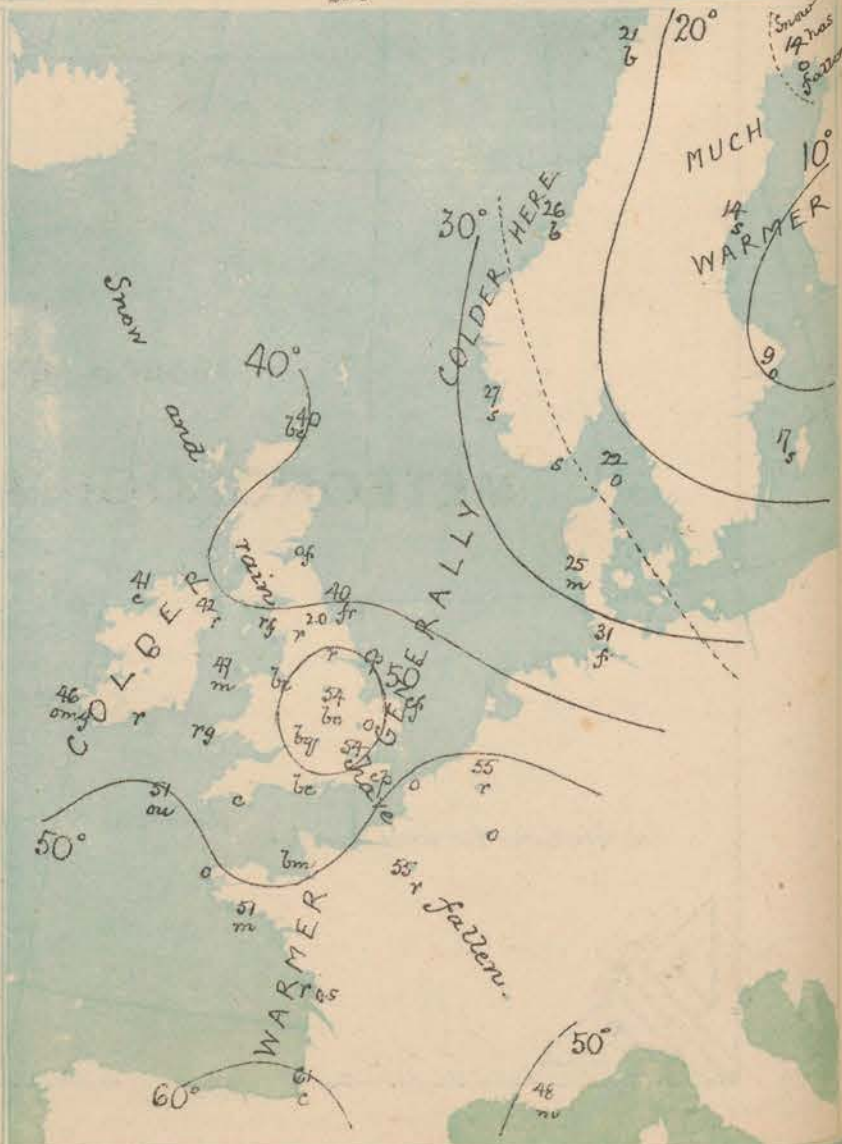
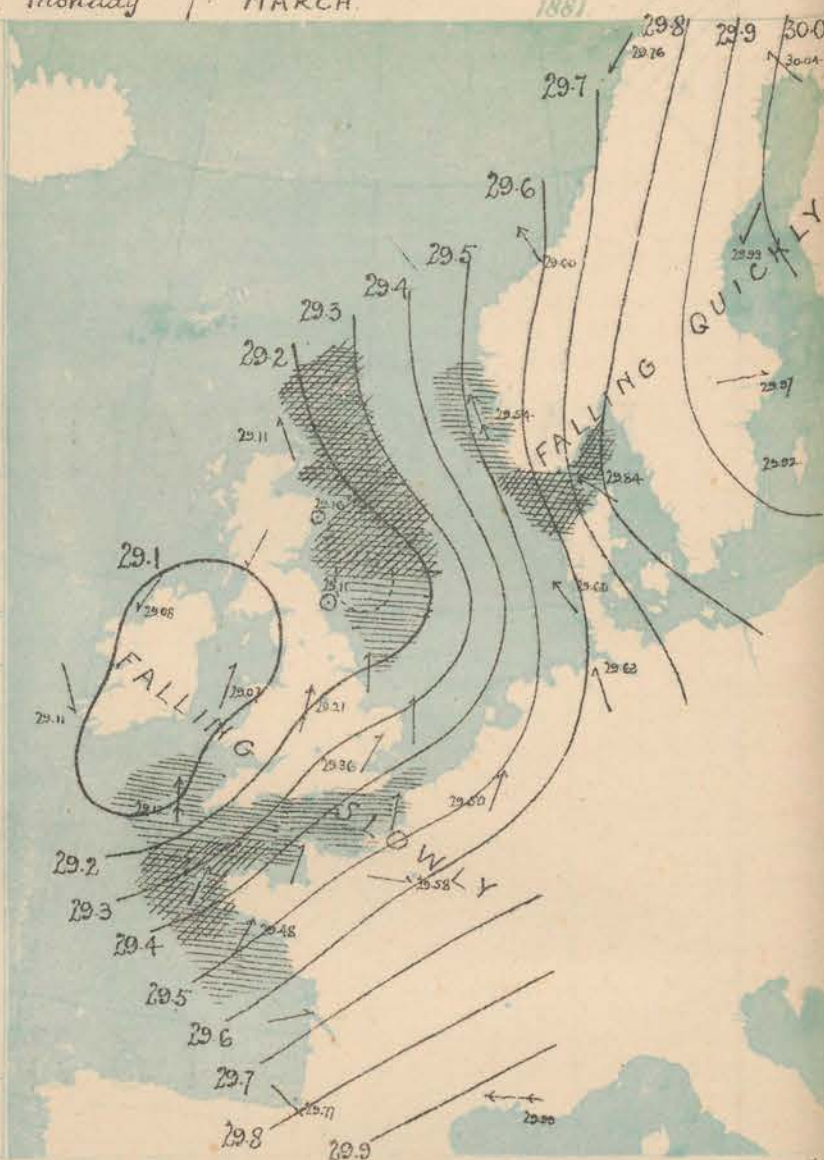
(SECRETARY.)



Fred^r Dangerfield, Lith. 22 Bedford St. Covent Garden.

for 8 a.m. on Monday 7th MARCH

Explanation of Map



REMARKS

for MONDAY 7TH MARCH 1887 at 8 a.m.

During the past night a large shallow depression has advanced over our western coasts, while a smaller subsidiary disturbance has appeared over the North Sea off the north-east coast of England. In consequence the recovery which was in progress over these Islands yesterday has given way to a fresh decrease, while over Scandinavia and the greater part of France the mercury still falls. Readings now range from 30.04 ins. in Lapland and 29.99 ins. in south France to 29.08 ins. over Central England. Nth breezes, very light in force, are therefore reported from north Ireland, while fresh to strong SWth and Sth winds are felt over France and England and SEth winds and gales in the countries to the Eth of the North Sea. The gales in the north have at length subsided, and light airs are now reported there. Temperature has fallen over Ireland and Norway, but has risen generally, and readings now range from 61° at Biarritz and 56° over Central England to 41° at Mullaghmore and 32° at Naím. The weather is rather unsettled, cloud and rain prevail in the Wth and most of the Nth districts as well as over France, but fine weather is reported from the Nth of Scotland and the SE of England. The sea is still very rough in the north-east.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

8TH MARCH.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

Light breezes between SE and NE; fair to dull and rain.

2 SCOTLAND EAST

5° 5° 8°

3 ENGLAND N.E.

Calms to Sth breezes, moderate; showery.

4 ENGLAND EAST

Light and fresh SWth to Sth breezes; unsettled, showers with bright intervals

5 MIDLAND COUNTIES

5° 5° 5°

6 ENGLAND SOUTH

5° 5° 5°

DISTRICTS

FORECASTS

6 SCOTLAND WEST

Eth and SEth breezes, light, dull, some rain.

7 ENGLAND N.W.

Sth winds, moderate, to variable air; cloudy, some rain.

8 ENGLAND S.W.

Sth winds and gales, veering to SW, light; showery.

9 IRELAND NORTH

NEth breezes, light, or variable air; dull; rain, unsettled.

10 IRELAND SOUTH

NWth breezes, moderate; dull, unsettled, rain.

WARNINGS

The South Cone is still flying in Districts 6 to 10.

METEOROLOGICAL OBSERVATIONS FOR 7TH MARCH 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	30.21	13	N	2	0	30.04	— .16	14	14	+ .23	SE	2	0	*	16	—	0.08		
Hernösand ...	30.10	10	NE	2	0	29.99	— .11	14	13	+ .17	NE	2	0	*	19	—	—		
Stockholm ...	30.04	13	N	2	0	29.97	— .24	9	8	— .5	W	2	0	*	21	—	—		
Wisby ...	29.94	15	ESE	2	0	29.92	— .16	17	17	— .3	E	2	0	*	28	10	—		
Bodö ...	30.03	22	NE	4	0	29.76	— .36	21	18	— .3	NE	6	0	3	27	19	—		
Christiansund ...	29.72	30	SE	5	0	29.60	— .33	26	23	— .9	SE	5	0	2	37	18	—		
†Skudesnaes ...	29.77	26	ESE	8	0	29.54	— .29	27	24	— .1	SE	8	0	5	32	—	—		
Oxö (Christiansund) ...	30.08	21	ESE	6	0	29.75	— .29	24	23	+ .4	ESE	6	0	9	31	19	0.04		
Skagen (The Skaw) ...	29.96	23	ESE	5	0	29.84	— .25	22	21	+ .3	ESE	5	0	?	2	19	—		
Fanö ...	29.71	22	E	8	0	29.60	— .18	25	25	+ .4	SE	6	0	*	25	21	0.08		
Cuxhaven ...	29.66	27	SE	16	0	29.63	— .06	31	31	+ .7	SSE	2	0	*	—	21	—		
†Sumburgh Head																			
†Stornoway																			
Wick ...	29.29	34	SSE	10	0	29.11	— .24	40	39	+ .7	SSE	3	0	5	40	31	0.10		
Nairn ...	29.22	35	SE	1	0	29.12	— .10	32	32	— .1	SE	0	0	1	40	32	—		
†Aberdeen																			
Leith ...	29.31	37	SE	1	0	29.14	— .11	37	36	+ .3	NE	1	0	*	39	33	0.04		
†Shields ...	29.33	44	SW	1	0	29.11	— .06	40	40	+ .3	SE	0	0	6	40	35	0.15		
Spurn Head ...	29.42	45	SW	3	0	29.18	— .09	46	46	+ .7	S	4	0	4	53	39	0.06		
York ...	29.38	45	SW	1	0	29.13	— .14	50	50	+ .5	S	1	0	*	54	35	0.21		
Nottingham ...	29.43	53	S	1	0	29.24	— .11	54	52	+ .7	SSW	5	0	*	57	45	0.03		
†Ardrossan ...	29.26	37	E	2	0	29.11	— .08	38	37	+ .4	NE	2	0	1	38	35	0.19		
†Mullaghmore ...	29.18	49	SW	5	0	29.08	— .03	41	41	— .7	NE	2	0	2	53	37	0.02		
Donaghadee ...	29.25	46	SSW	3	0	29.08	— .07	42	42	— .0	E	4	0	2	55	41	0.06		
Parsonstown ...	29.26	49	SW	3	0	29.08	— .12	42	42	— .6	SE	0	0	*	56	41	0.24		
Barrow-in-Furness ...	29.31	44	S	4	0	29.08	— .13	45	45	+ .4	ESE	5	0	4	48	44	0.31		
†Holyhead ...	29.32	37	SW	2	0	29.07	— .15	47	47	+ .1	SSW	4	0	3	49	45	0.37		
Liverpool (Biston) ...	29.35	31	S	1	0	29.11	— .13	50	49	+ .3	S	3	0	1	54	47	0.07		
†Valentia ...	29.24	31	S	4	0	29.11	— .11	46	45	— .4	NNW	3	0	3	54	45	0.08		
Roche's Point ...	29.28	48	SW	3	0	29.05	— .19	45	44	— .3	NTW	4	0	4	52	44	0.26		
Pembroke ...	29.31	47	S	4	0	29.11	— .17	47	46	+ .2	S	4	0	3	48	44	0.25		
†Scilly ...	29.37	52	SSW	5	0	29.12	— .19	51	50	— .0	S	8	0	6	55	49	0.19		
Prawle Point ...	29.43	49	SSW	4	0	29.27	— .17	49	47	+ .1	SW	5	0	6	50	47	0.12		
Hurst Castle ...	29.48	49	WSW	4	0	29.36	— .12	49	48	+ .5	WSW	4	0	5	52	44	0.03		
†Dover ...	29.53	47	WSW	3	0	29.40	— .08	47	47	+ .3	SW	3	0	3	50	44	0.10		
†London ...	29.50	32	SSW	4	0	29.36	— .07	54	52	+ .6	SW	4	0	*	57	48	0.01		
Oxford ...	29.44	32	SSW	4	0	29.27	— .11	53	50	+ .4	S	5	0	*	59	48	0.12		
Cambridge ...	29.41	33	S	1	0	29.27	— .08	54	53	+ .6	S	2	0	*	57	46	0.04		
†Yarmouth ...	29.47	43	S	3	0	29.32	— .01	49	49	+ .1	S	3	0	4	55	40	—		
The Helder ...																			
Cape Gris Nez ...	29.57	49	SW	4	0	29.45	+ .03	53	53	+ .7	SSW	7	0	5	—	45	0.08		
†Jersey ...	29.56	52	S	3	0	29.45	— .08	49	48	+ .1	SSW	4	0	4	54	49	0.01		
Brest ...	29.54	50	SW	5	0	29.38	— .16	50	49	— .1	SW	5	0	7	52	48	0.08		
Lorient ...	29.55	52	SW	5	0	29.48	— .05	51	50	— .0	SW	7	0	6	52	48	0.03		
†Rochefort ...	29.71	57	SE	4	0	29.69	— .05	54	52	— .0	WSW	4	0	2	61	48	0.51		
Biarritz ...	29.74	—	S	4	0	29.77	+ .02	61	57	— .5	NW	4	0	2	77	57	—		
Corunna ...	*	*	*	*	*			*	*					*	*	*	*		
Brussels ...	*	*	*	*	*	29.30	+ .07	55	54	+ .1	SSW	5	0	*	58	52	0.08		
Charleville ...	29.74	57	S	4	0	29.60	+ .07	52	52	+ .2	SSE	4	0	*	62	42	0.12		
Paris ...	29.67	57	S	1	0	29.58	— .03	55	54	— .0	W	3	0	*	*	*	0.24		
Lyon ...														*					
Toulon ...	29.97	52	SE	3	0	29.99	— .02	48	48	— .1	E	6	0	4	52	48	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.09	40	WSW	3	0	27.81	— .18	41	41	+ .9	ESE	4	0	*	42	32	1.95		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.09	40	WSW	3	0		27.81	— .18	41	41	+ .9	ESE	4	0	42	30	1.95
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes ...	29.77	31	27	ESE	8	0	Valentia ...						
Sumburgh Head							Scilly ...						
Stornoway ...							Dover ...						
Aberdeen ...							London ...						*
Shields ...							Yarmouth ...						
Ardrossan ...							Jersey ...						
Mullaghmore ...							Rochefort ...	29.74	57	55	S	3	+ 2
Holyhead ...													

EXPLANATION OF COLUMNS.

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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

TUESDAY, 8th MARCH.

1881.

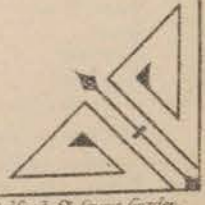
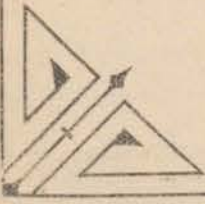
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ROBERT H. SCOTT
(SECRETARY.)

Printed by Doughty & Co. 12, Bedford St. W. near Garden.

WEATHER CHARTS

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

BAROMETER, WIND & SEA

Explanation of Map

Barometer isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force thus:
 → forces above 10; → forces 8 to 10
 → forces 5 to 7; → forces 1 to 4
 ○ dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER for the month of March

Stations	Mean Readings, Ins.
Nairn	29.853
Aberdeen	29.838
Leith	29.888
Scarborough	29.912
Ardrossan	29.894
Greencastle	29.880
Holyhead	29.897
Valentia	29.917
Boche's Pt.	29.973
Plymouth	29.947
LONDON	29.930
Yarmouth	29.923

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

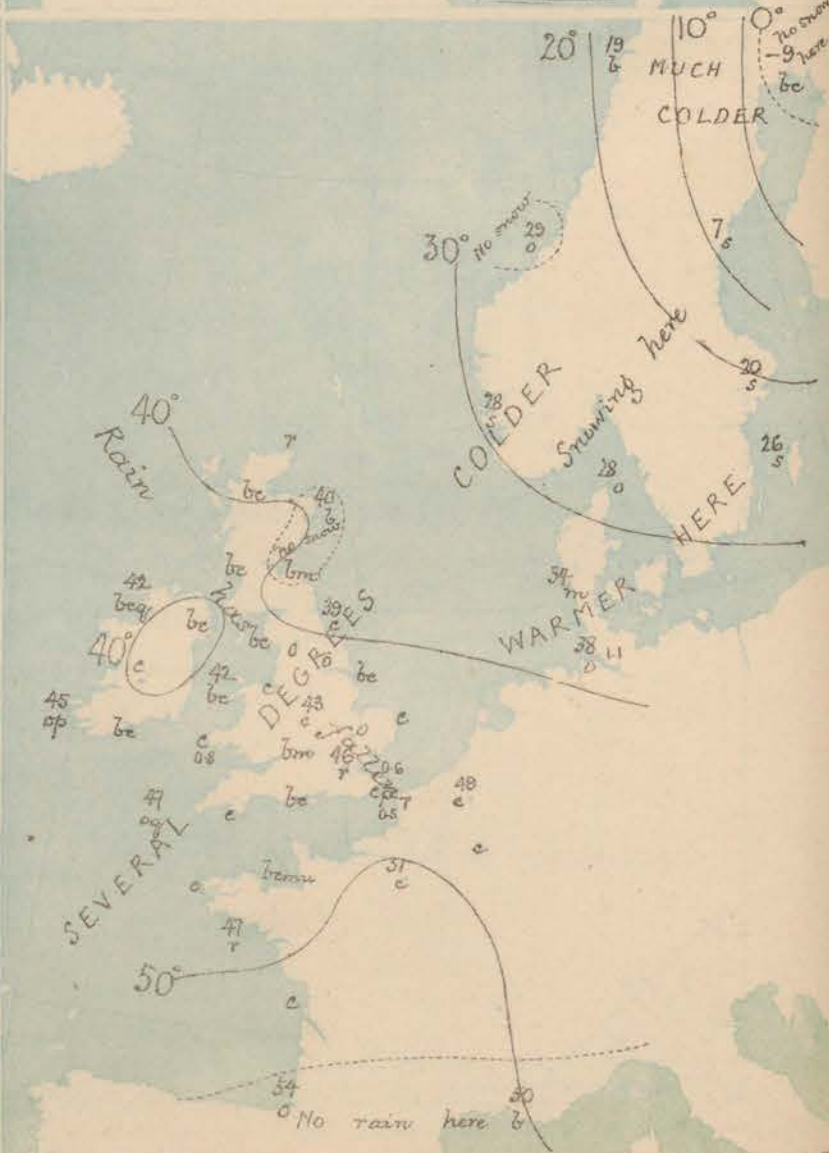
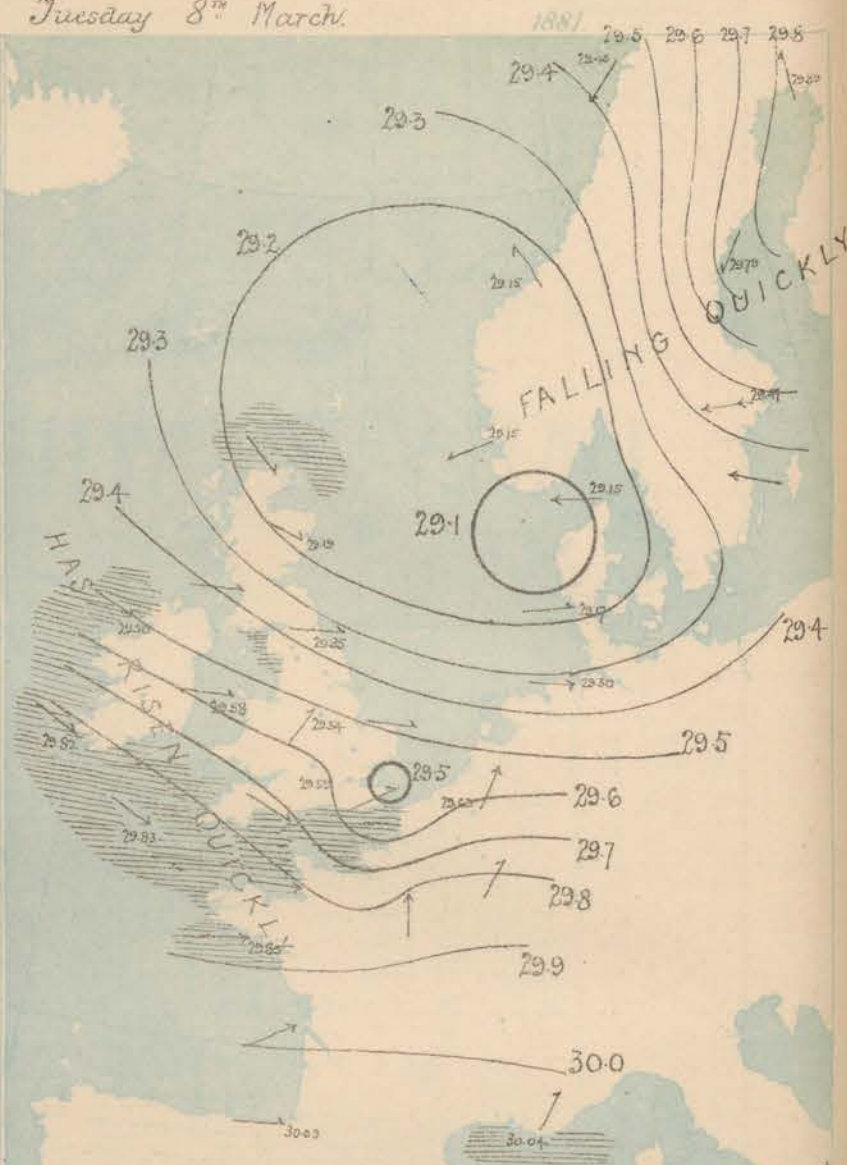
Weather. Letters of the Beaufort Scale, show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of March

Stations	Temp.	Rain-fall
Sundburgh Head	38.6	1.52
Stornoway	39.5	4.20
Aberdeen	40.2	1.89
Shields	40.6	1.53
York	40.9	1.64
Mullaghmore	42.3	2
Holyhead	43.4	2.12
Parsonstown	42.7	2.29
Valentia	44.7	4.45
Sally (St. Mary's)	47.3	2.18
Hurst Castle	43.5	7
Dover	42.9	2.03
LONDON	42.7	1.96
Ermouth	41.8	1.91

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain, are those for the 10 years 1866 to 1875.



REMARKS

For TUESDAY, 8TH MARCH 1887, at 8 a.m.

The depression noticed off our north-east coasts yesterday has since passed ENE^W across the North Sea, and has occasioned a brisk fall of the barometer over Scandinavia and Denmark while a sharp recovery has taken place over these Islands and France. At the same time a very small subsidiary disturbance has apparently passed quickly across us during the night, and now lies in the neighbourhood of Dover.

The wind has veered to W. or WNW on nearly all our coasts and the French coasts and over North Germany, while E^W winds are reported over Sweden, Norway and the Skager Rack. On most coasts the wind is light or moderate in force but over some parts of France and the Channel as well as on our north-west coasts it blows freshly or strongly. A fresh gale was experienced over the Channel yesterday.

The weather, though still unsettled, is moderately fine at the majority of our stations; rain, however, is falling over the south-east of England, at Valentia and Wick while snow is reported from the Baltic. Rain has fallen generally. Temperature has risen over Denmark and the south of Scandinavia, fallen several degrees elsewhere; readings now range from 47° at Lillie to 39° on our north-east coasts. The sea is rough in the south and south-west, as well as at Mullaghmore and Wick.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

9TH MARCH

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	NW ^W breezes, backing later; unsettled, showery with bright intervals.
2 SCOTLAND EAST	— — —
3 ENGLAND N.E.	— — —
4 ENGLAND EAST	W ^W winds, moderate; cloudy, some showers.
5 MIDLAND COUNTIES	W ^W and NW ^W winds, moderate and fresh; subsequently backing, showery, then fair.
6 ENGLAND SOUTH	— — —

DISTRICTS

FORECASTS

6 SCOTLAND WEST	W ^W winds, moderate, backing to SW; cloudy, but fair, then rain.
7 ENGLAND N.W.	— — —
8 ENGLAND S.W.	W ^W to SW ^W winds, fresh and strong; fair to rainy.
9 IRELAND NORTH	W ^W to SW ^W winds, strong; cloudy, some rain.
10 IRELAND SOUTH	— — —
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 8TH MARCH 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	SHADE TEMP.		Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).									Dir.	Force. (0 to 12).			Max.	Min.	
Haparanda	29.96	0	S	2	δ	29.89	-15	-9	-23	S	2	δ	S	2	δ	*	?	-11	-
Hernösand	29.90	8	7	0	δ	29.79	-20	7	7	NE	2	5	NE	2	5	*	19	1	-
Stockholm	29.86	9	SSE	4	0	29.47	-50	19	+11	E	8	5	E	8	5	*	?	5	0.08
Wisby	29.78	22	ESE	2	0	29.34	-58	26	+9	ESE	6	5	ESE	6	5	*	28	10	0.32
Bodö	29.36	24	NE	4	δ	29.45	-31	19	-2	NE	6	δ	NE	6	δ	*	28	18	-
Christiansund	29.32	27	ESE	3	δ	29.15	-45	29	+3	SSE	2	0	SSE	2	0	2	?	18	-
†Skudesnaes	29.16	30	E	4	5	29.15	-39	28	+1	ENE	4	5	ENE	4	5	4	30	27	-
Oxö (Xiansund)																			
Skagen (The Skaw)	29.40	24	ENE	6	5	29.15	-69	25	+6	E	5	0	E	5	0	2	28	21	0.20
Fanö	29.19	33	S	4	5	29.17	-43	34	+9	W	4	m	W	4	m	*	37	25	0.24
Cuxhaven	29.38	41	SW	3	5	29.30	-33	38	+7	W	7	0	W	7	0	*	43	28	1.07
†Sumburgh Head																			
†Stornoway																			
Wick	29.04	40	SSE	4	om	29.15	+04	39	-1	NN	2	5	NN	2	5	5	42	35	0.04
Nairn	29.01	38	Z	0	f	29.18	+06	38	+6	W	1	δ	W	1	δ	2	44	32	-
†Aberdeen	29.01	37	NNW	1	0	29.19	+03	40	+3	NNW	2	δ	NNW	2	δ	4	40	30	-
Leith	29.02	39	W	2	c	29.29	+15	39	+2	WSW	3	δ	WSW	3	δ	*	41	35	0.44
†Shields	28.99	47	W	2	om	29.35	+24	39	-1	W	4	0	W	4	0	3	51	37	0.26
Spurn Head	29.04	46	WSW	3	5	29.45	+27	42	-4	WSW	4	δ	WSW	4	δ	3	55	40	0.05
York	28.96	48	W	1	5	29.43	+30	48	-7	W	4	0	W	4	0	*	58	40	0.11
Nottingham	29.06	49	SH	3	0	29.34	+33	43	-11	SW	3	0	SW	3	0	*	62	41	0.10
†Ardrossan	29.03	45	W	1	c	29.40	+29	41	+3	W	3	δ	W	3	δ	2	47	37	0.03
†Mullaghmore	29.19	46	W	4	5	29.50	+42	42	+1	W	7	δ	W	7	δ	6	51	38	0.06
Donaghadee	29.14	46	NW	3	r	29.46	+38	38	-4	W	4	δ	W	4	δ	2	46	37	0.38
Parsonstown	29.26	47	NNW	1	δ	29.67	+59	39	-3	W	2	δ	W	2	δ	*	51	38	0.10
Barrow-in-Furness	29.07	40	NW	4	δ	29.44	+26	41	-4	WSW	5	δ	WSW	5	δ	5	50	40	0.10
†Holyhead	29.17	45	NNW	3	δ	29.58	+51	42	-5	W	4	δ	W	4	δ	4	48	41	0.04
Liverpool (Bidston)	29.11	42	W	5	0	29.50	+39	42	-8	WSW	6	c	WSW	6	c	4	54	40	0.11
†Valentia	29.39	49	WNW	4	om	29.82	+71	45	-1	WNW	4	δ	WNW	4	δ	5	55	42	-
Roche's Point	29.28	47	NW	5	c	29.76	+71	44	-1	W	4	δ	W	4	δ	4	53	48	-
Pembroke	29.24	45	W	4	δ	29.64	+53	44	-3	W	5	c	W	5	c	3	48	43	0.80
†Scilly	29.46	50	W	8	c	29.83	+61	47	-4	WNW	7	og	WNW	7	og	6	52	45	0.10
Prawle Point	29.39	47	WSW	6	c	29.77	+50	44	-5	W	4	c	W	4	c	5	51	42	0.07
Hurst Castle	29.25	46	W	7	c	29.67	+34	44	-5	WNW	3	δ	WNW	3	δ	5	52	43	0.15
†Dover	29.22	47	SW	7	op	29.50	+28	45	-1	WSW	4	cp	WSW	4	cp	4	50	45	0.56
†London	29.17	53	WSW	6	og	29.59	+42	45	-8	WSW	2	r	WSW	2	r	*	59	45	0.08
Oxford	29.26	48	W	5	r	29.61	+34	45	-8	W	5	δ	W	5	δ	*	55	45	0.33
Cambridge	29.07	49	S	4	r	29.56	+29	46	-8	W	1	0	W	1	0	*	59	44	0.09
†Yarmouth	29.12	50	SSW	5	cg	29.48	+36	46	-3	W	4	3	W	4	3	3	57	42	0.17
The Helder																			
Cape Gris Nez	29.29	46	WSW	9	5	29.52	+23	46	-7	W	9	r	W	9	r	6	54	39	0.47
†Jersey	29.51	48	W	8	om	29.83	+32	46	-3	W	5	δ	W	5	δ	5	53	45	0.03
Brest	29.61	50	W	5	0	29.88	+27	48	-2	NN	3	0	NN	3	0	4	50	45	0.16
Lorient	29.65	50	WSW	7	m	29.55	+27	47	-4	W	7	5	W	7	5	5	52	46	0.08
†Rocheft	29.79	56	WSW	8	c	29.49	+30	50	-1	WSW	7	c	WSW	7	c	2	61	46	?
Biarritz	29.26	61	WSW	4	δ	29.09	+32	50	-7	W	1	0	W	1	0	3	70	48	-
Corunna	*	*	*	*	*			*									*	*	*
Brussels	*	*	*	*	*	29.63	+13	49	-6	SW	7	c	SW	7	c	*	60	47	0.28
Charleville	29.56	?	SW	7	0	29.76	+16	47	-7	SW	4	c	SW	4	c	*	61	46	0.24
Paris	29.56	58	SW	8	δ	29.83	+27	51	-4	S	5	c	S	5	c	*	*	*	0.08
Lyons																			
Toulon	29.95	50	E	2	m	30.04	+05	50	+2	SW	3	δ	SW	3	δ	5	52	46	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	27.56	40	WSW	3	05	28.14	+37	36	-5	WSW	6	0	WSW	6	0	*	45	35	0.39

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.30	27	27	E	8	S	S	Valentia ...	29.25	53	51	W	4	c	4
Sumburgh Head								Scilly ...	29.24	50	48	NNW	9	cg	6
Stornoway ...								Dover ..	29.32	47	47	SW	4	c	3
Aberdeen ...	29.03	38	38	Z	0	m	7	London ...	29.11	56	52	SSW	8	ogp	*
Shields ...	28.99	49	46	SW	2	c	5	Yarmouth ...	29.23	57	52	SSW	4	bc	3
Ardrossan ...	29.04	44	43	NW	1	c	0	Jersey ...	29.35	50	48	SW	8	c	6
Mullaghmore ...	29.10	48	47	WSW	4	om	3	Rocheft ...	29.76	59	54	SW	7	bc	4
Holyhead...	29.02	47	47	WNW	2	dm	1								

Very unsettled weather still prevails over these islands, and the depressions noticed in the W. this morning are passing slowly E. & S.W. The weather is clearing in many places, a SW gale is blowing in London and a NW gale at Scilly.

EXPLANATION OF COLUMNS.

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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 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

WEDNESDAY, 9TH MARCH.

1881.

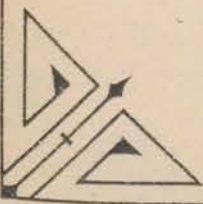
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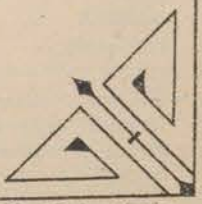
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ROBERT H. SCOTT
(SECRETARY.)



Printed by Dangerfield, Lith. 22, Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Wednesday 9th March.

1881

BAROMETER, WIND & SEA

Explanation of Map

Barometer isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

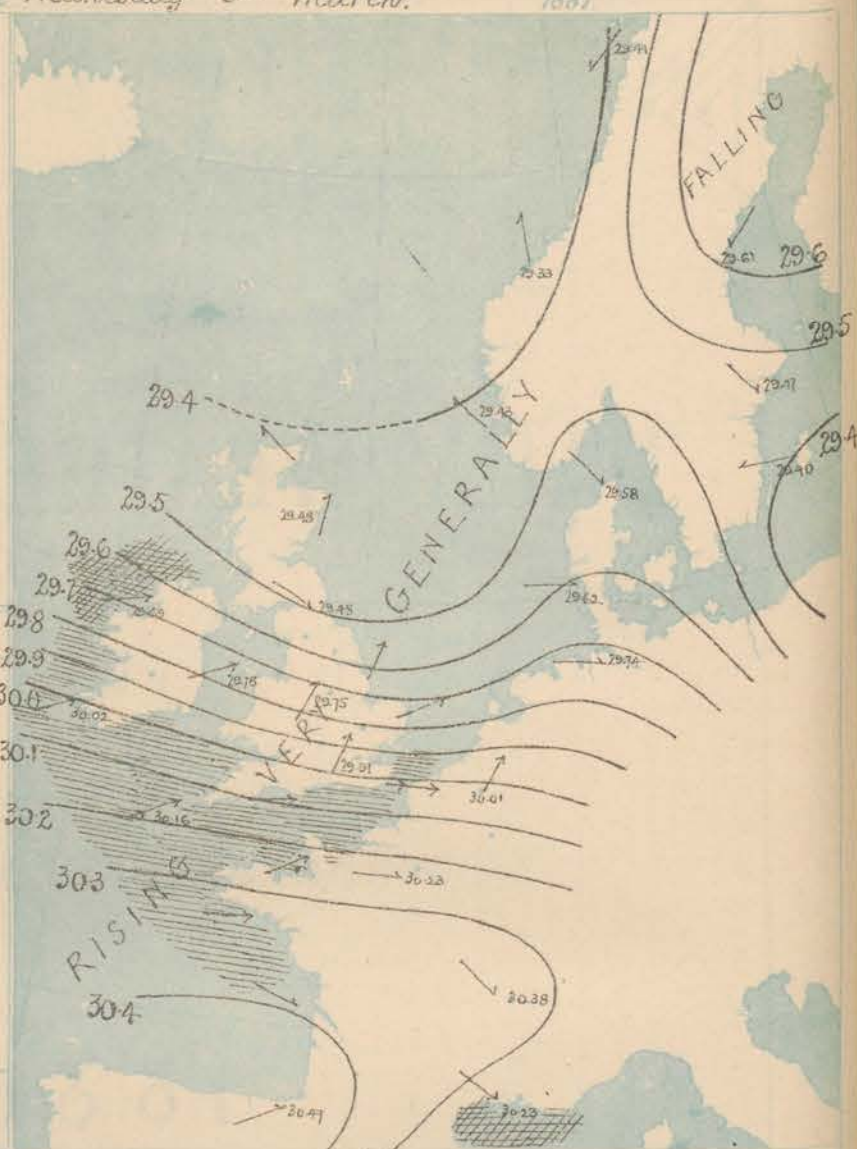
Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4.
 © dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER for the month of March

Stations.	Mean Readings
Nairn	29.853
Aberdeen	29.858
Leith	29.888
Scarborough	29.912
Ardrossan	29.894
Greenock	29.889
Holyhead	29.807
Valentia	29.917
Roche's Pt.	29.973
Plymouth	29.947
LONDON	29.940
Yarmouth	29.975

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

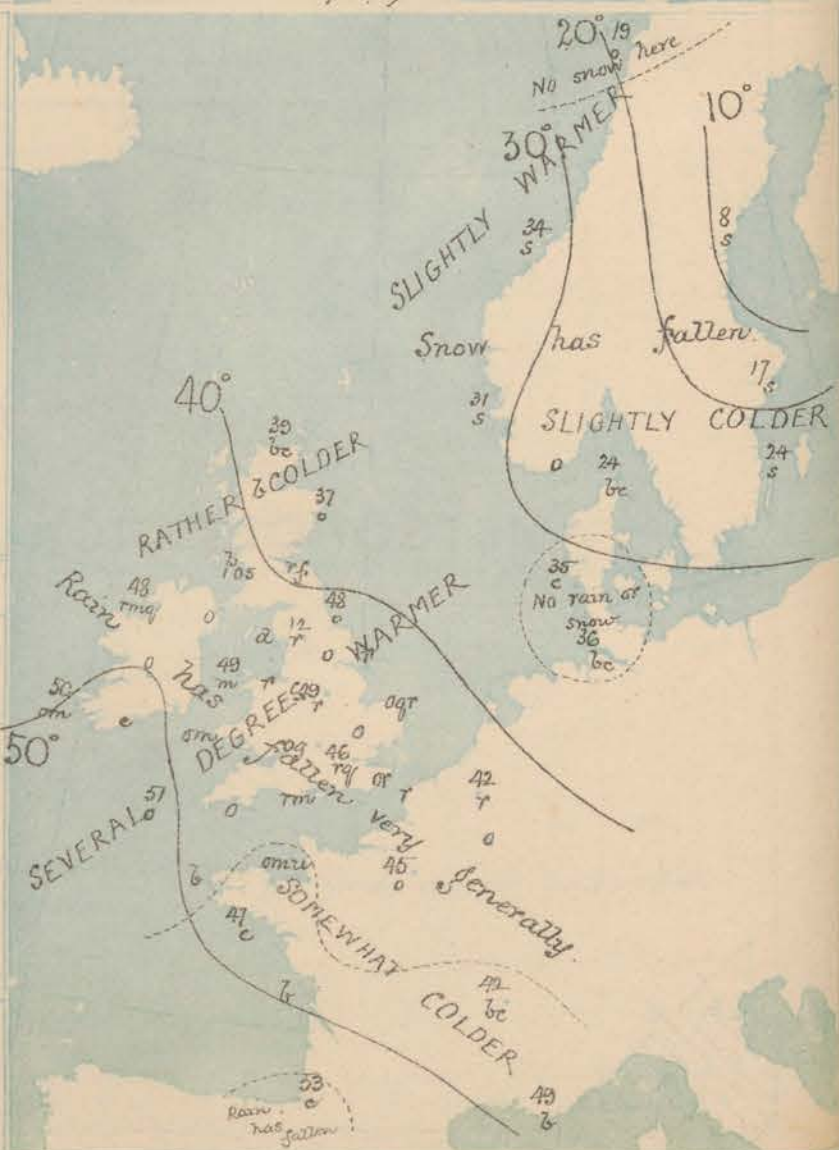
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of March

Stations	Temp.	Rain-fall
Sundburgh Head	38.4	1.52
Stornoway	39.5	1.20
Aberdeen	40.2	1.84
Shields	40.6	1.53
York	40.9	1.59
Malborough	42.3	2.12
Holyhead	43.4	2.12
Parsonstown	42.7	2.29
Valentia	44.7	4.15
Sally (St Mary's)	47.2	2.18
Hurst Castle	43.5	2.13
Dever	42.9	1.96
LONDON	42.7	1.91
Yarmouth	41.0	1.91

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for WEDNESDAY, 9TH MARCH, 1881, at 8 a.m.

In the course of the past night a well-marked secondary depression has passed rapidly across our northern districts from the Wnd, and now lies off the east of Scotland, and as pressure remains high over the Bay of Biscay it has followed that steep gradients for Wnd winds have been formed over Ireland and England. The wind has consequently increased in force over those countries, being strong in nearly all places, and blowing a gale at Liverpool, Lully and Cape Gris nez, accompanied by dull, misty showery weather, and a generally unsettled appearance. In Scotland, however, variable airs and finer weather are reported, while over France also the winds are moderate from the Wnd and the weather fair. Temperature is rather high except in the north, the present readings varying from between 50° and 51° on our south-west coasts to 48° or 49° in the north of England, but in Scotland they are from ten to fourteen degrees lower. The sea is rough except off our east coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

10TH MARCH.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

0 SCOTLAND NORTH	Variable W nd breezes, light or moderate; fair to showery.
1 SCOTLAND EAST	—
2 ENGLAND N.E.	W nd breezes, fresh to strong, perhaps a gale at times; dull, showery.
3 ENGLAND EAST	—
4 MIDLAND COUNTIES	SW nd winds, strong; squally, changeable, showery.
5 ENGLAND SOUTH	Same as nos 2 and 3.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SW nd to W nd winds, strong to a gale; squally, showery.
7 ENGLAND N.W.	—
8 ENGLAND S.W.	—
9 IRELAND NORTH	SW nd winds, strong to a gale; rainy.
10 IRELAND SOUTH	—
WARNINGS	The South Cone is still up except in Districts 0 and 1, where it has been lowered this morning.

METEOROLOGICAL OBSERVATIONS FOR 9th MARCH 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.		Weather.	Sea. (0 to 9).		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.		Dir.	Force. (0 to 12).				Max.	Min.	
Haparanda																			
Hernösand	29.62	10	NE	2	S		29.61	- .18	8	8	+ 1	NE	2	S	*		14	-6	0.16
Stockholm	29.36	21	NE	4	0		29.47	- .00	17	16	- 3	NNW	2	S	*		23	9	0.04
Wisby	29.28	28	ENE	2	r		29.40	+ .06	24	24	- 2	E	4	S	*		36	16	0.16
Bodö	29.47	19	NE	6	b		29.41	- .04	19	18	0	NE	4	0	2		23	16	-
Christiansund	29.33	22	SSW	3	0		29.33	+ .08	32	32	+ 5	S	2	S	2		34	19	-
†Skudesnaes	29.30	32	S	4	0		29.43	+ .28	31	31	+ 3	SE	4	S	4		?	?	-
Öxö (Xianö)	29.78	34	NNE	2	0		29.64		23	22		NNE	2	0	2		?	21	0.08
Skagen (The Skaw)	29.39	24	NNE	5	0		29.58	+ .42	23	19	- 5	NNW	3	b	0		28	21	0.08
Fanö	29.45	34	W	4	0		29.62	+ .45	35	33.5	+ 1	W	4	c	*		?	32	-
Cuxhaven	29.56	37	W	2	b		29.74	+ .44	36	36	- 2	W	2	b	*		41	34	-
†Sumburgh Head																			
†Stornoway																			
Wick	29.37	40	NN	4	b		29.42	+ .27	39	38	0	SE	1	b	3		42	39	-
Nairn	29.57	39	Z	0	b		29.42	+ .24	35	34	- 3	Z	0	b	0		40	35	0.03
†Aberdeen	29.44	41	NNW	2	b		29.48	+ .29	37	36	- 3	SSE	1	0	3		46	35	0.05
Leith	29.52	42	WSW	1	b		29.48	+ .19	38	37	- 1	NN	1	r	*		46	36	0.11
†Shields	29.52	39	NNW	3	b		29.48	+ .13	48	47	+ 9	NNW	5	0	3		48	37	0.12
Spurn Head	29.55	40	WSW	6	c		29.63	+ .18	46	45	+ 4	SW	5	r	4		46	39	0.09
York	29.59	43	W	5	b		29.61	+ .18	50	48	+ 7	W	5	0	*		50	39	0.05
Nottingham	29.73	44	NNW	7	c		29.75	+ .21	49	48	+ 6	SW	4	r	*		51	40	0.16
†Ardrossan	29.61	42	NW	4	c		29.50	+ .10	49	48	+ 8	NNW	5	p	4		49	38	0.32
†Mullaghmore	29.74	44	WSW	6	orm		29.69	+ .19	48	48	+ 6	WSW	7	rmg	7		48	38	0.39
Donaghadee	29.72	43	NN	4	b		29.63	+ .17	51	50	+ 13	NNW	5	0	3		51	38	0.26
Parsonstown	29.89	46	W	3	0		29.85	+ .18	50	50	+ 11	SW	5	0	*		50	39	0.21
Barrow-in-Furness	29.70	42	NN	4	0		29.62	+ .18	46	45	+ 5	WSW	5	r	6		46	40	0.30
†Holyhead	29.50	45	W	7	aw		29.78	+ .20	49	48	+ 7	WSW	5	m	4		49	42	0.15
Liverpool (Bidston)	29.73	43	WSW	7	c		29.71	+ .21	48	47	+ 6	WSW	8	r	5		48	42	0.28
†Valentia	29.95	49	SW	6	orm		30.02	+ .20	50	49	+ 5	WSW	6	orm	6		53	43	0.02
Roche's Point	30.00	45	NNW	5	c		29.96	+ .20	51	48	+ 7	NNW	5	c	4		51	40	0.09
Pembroke	29.90	44	WSW	5	b		29.92	+ .28	47	47	+ 3	WSW	6	orm	6		47	43	0.02
†Scilly	30.08	49	NNW	6	c		30.16	+ .33	51	49	+ 4	WSW	8	0	6		51	44	0.03
Prawle Point	30.02	44	NNW	4	b		30.11	+ .34	47	47	+ 3	WSW	6	0	5		50	42	-
Hurst Castle	29.91	46	NNW	3	b		30.00	+ .33	46	45	+ 2	W	6	rm	5		48	43	0.02
†Dover	29.81	45	W	4	b		29.98	+ .45	45	44	- 1	WSW	5	or	4		49	41	0.16
†London	29.82	44	NNW	5	b		29.91	+ .32	46	45	0	SW	6	rg	*		51	41	0.12
Oxford	29.89	43	NN	5	b		29.88	+ .27	48	47	+ 3	WSW	6	og	*		49	41	0.02
Cambridge	29.74	44	W	3	b		29.78	+ .22	49	48	+ 3	SW	3	0	*		51	39	0.13
†Yarmouth	29.65	45	NNW	5	cq		29.74	+ .26	47	46	+ 1	WSW	5	org	3		48	40	0.22
The Helder																			
Cape Gris Nez	29.82	45	W	8	c		30.00	+ .42	46	45	0	W	8	r	6		50	41	0.08
†Jersey	30.08	46	NNW	4	bmm		30.22	+ .39	47	47	+ 1	WSW	6	orm	5		50	44	-
Brest	30.15	48	NN	4	b		30.30	+ .42	49	47	+ 1	W	5	b	5		52	46	0.04
Lorient	30.12	48	NNW	5	b		30.27	+ .42	47	46	0	W	5	c	5		52	43	-
†Rochefort	30.15	53	NNW	7	0		30.37	+ .38	50	48	- 3	NN	3	b	2		57	43	-
Biarritz	30.37	54	W	3	c		30.47	+ .38	53	50	- 7	NNW	3	c	3		61	48	0.20
Corunna	*	*	*	*	*				*	*							*	*	*
Brussels	*	*	*	*	*		30.01	+ .38	42	41	- 7	SW	7	r	*		50	41	0.32
Charleville	29.84	46	W	7	0		30.14	+ .38	41	39	- 6	SW	7	0	*		52	38	0.20
Paris	29.97	50	W	3	0		30.23	+ .40	46	43	- 6	W	3	0	*		*	*	0.12
Lyons	30.07	54	W	1	b		30.38	+ .37	42	39	- 3	NN	3	b	*		63	41	-
Toulon	30.14	58	NN	7	b		30.23	+ .19	49	43	- 1	NN	8	b	7		59	46	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.36	37	WSW	6	0		28.37	+ .19	44	44	+ 8	WSW	6	or	*		44	33	1.16

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.25	32	32	ENE	2	0	2	Valentia ...	29.94	51	46	W	5	c	5
Sumburgh Head								Scilly ...	29.98	50	45	NNW	6	c	6
Stornoway ...								Dover ..	29.72	49	44	W	5	bc	4
Aberdeen ...	29.32	43	39	W	3	b	4	London ...	29.72	49	43	W	5	cp	*
Shields ...	29.42	44	41	W	6	bc	3	Yarmouth ...	29.60	47	43	W	5	cq	2
Ardrossan ...	29.44	41	40	NN	2	c	1	Jersey ...	29.96	48	45	W	5	c	5
Mullaghmore ...	29.70	46	42	NNW	8	org	7	Rochefort ...	30.10	57	53	NNW	8	bc	4
Holyhead ...	29.67	46	42	W	6	bc	5								

The barometer continues to rise everywhere, and fresh to strong W. and NW winds prevail on all our coasts, with showers in the S. and SE, but fair weather in the N. and W. A solar halo is reported from Mullaghmore and near Torquay.

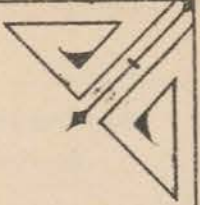
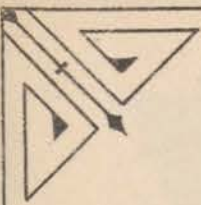
EXPLANATION OF COLUMNS.

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.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

† These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

THURSDAY, 10TH MARCH.

1881.



ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are {
Delivered by hand in City or at West End 10^s/ per quarter.
D^o D^o Bookpost 5^s/ D^o



ROBERT H. SCOTT
(SECRETARY.)

Printed by Tringfield, Lamb. & Co. Bedford St. Great Britain.

WEATHER CHARTS

for 8 a.m. on Thursday 10th March

1881.

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → force above 10; →→ force 8 to 10;
 →→ force 5 to 7; →→ force 1 to 4.
 ○ = dead calm.

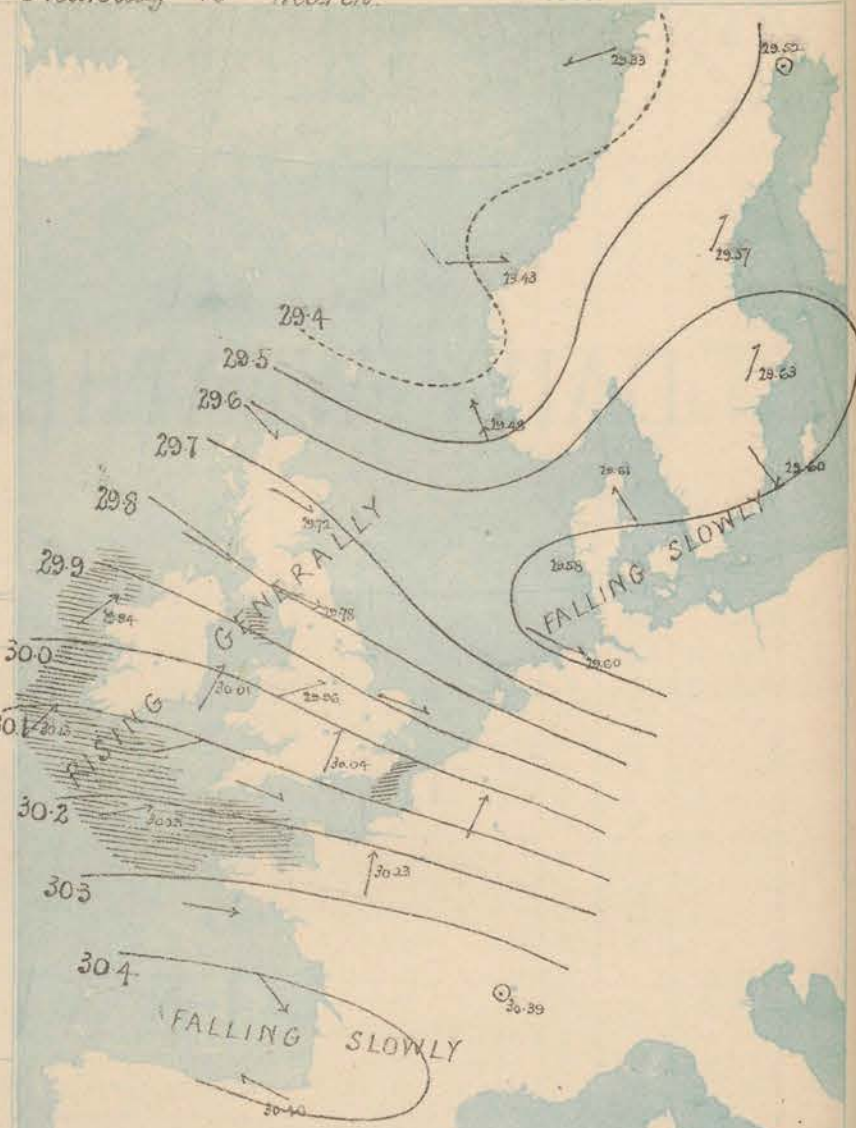
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

MEAN* HEIGHT of the BAROMETER

for the month of March

Stations.	Mean Readings
Nairn	29.853
Aberdeen	29.858
Leith	29.868
Scarborough	29.912
Adrianan	29.894
Greenock	29.889
Holyhead	29.897
Valencia	29.917
Roche's Pt.	29.973
Plymouth	29.947
LONDON	29.940
Yarmouth	29.923

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

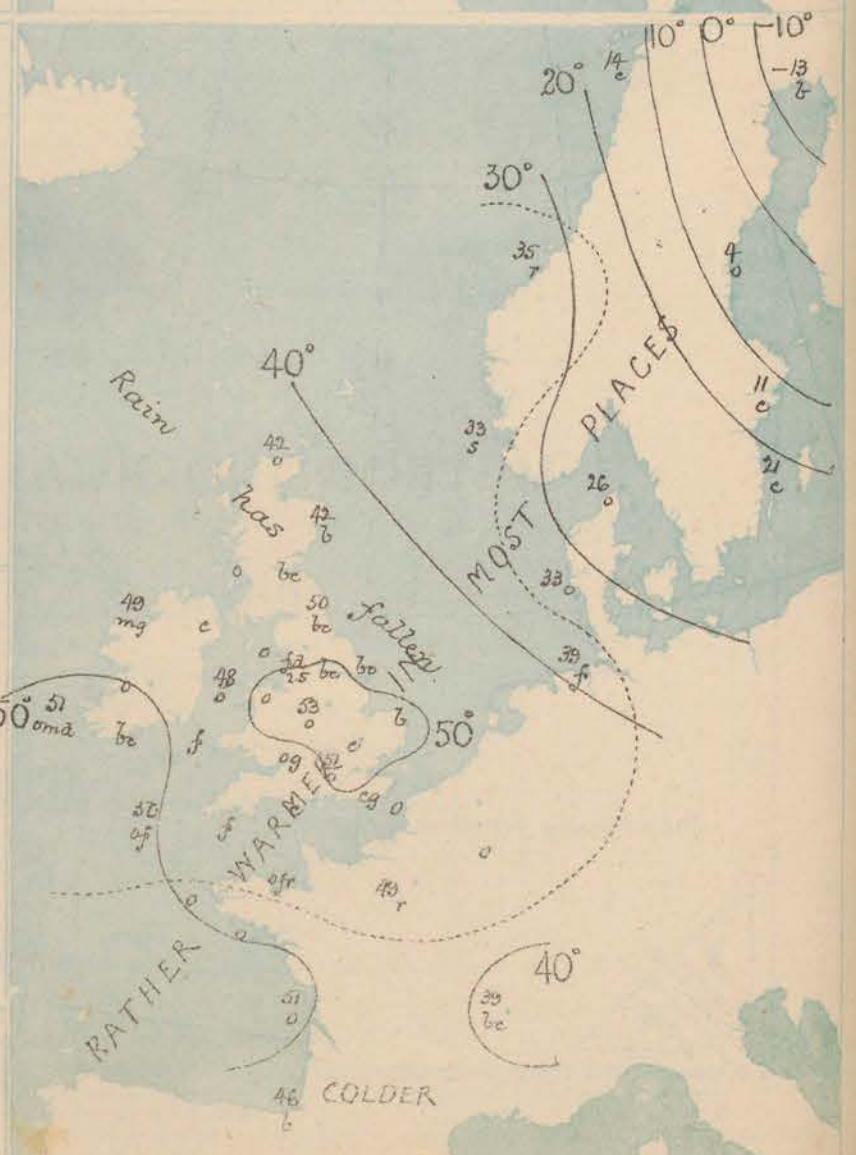
Balls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of March

Stations	Temp	Rain-fall
Southport Head	38.6	1.57
Stornoway	39.5	4.20
Aberdeen	40.2	3.84
Shetland	40.6	1.63
York	40.9	1.64
Mullaghmore	42.3	2
Holyhead	43.4	2.12
Parsonstown	43.7	2.29
Valencia	44.7	4.15
Sally (St Mary's)	47.2	2.18
Hurst Castle	43.5	1
Dover	43.9	2.03
LONDON	42.7	1.46
Kornwall	41.0	1.91

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

For THURSDAY, 10TH MARCH, 1881, at 8 a.m.

A somewhat decided, but apparently temporary, improvement in the weather has taken place over the United Kingdom during the past night, the barometer having continued to rise — especially in the north — while the wind has lulled, and the sky cleared in our northern and eastern districts. Temperature has risen a few degrees over Scotland, and now ranges from between 50° and 52° on our south-west coasts to 42° in the north-east of Scotland. The wind remains W in most places, but has backed to SW again in the far west, where it remains fresh, with misty rain, a gloomy appearance and rough sea. Very large quantities of rain fell at Hawes Junction yesterday, and a small quantity at our other stations. With pressure remaining relatively high over the Bay of Biscay and low over Scandinavia — the gradients being moderate — the backing of the wind in the west cannot be considered as a satisfactory sign; the South Cone has therefore been left flying at all our western stations, while it has been lowered in the east and south. The sea is rather rough in the Channel and off the west of Ireland, slight elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

11TH MARCH.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Light breezes, becoming S; fine weather.
2 SCOTLAND EAST	— — — — —
3 ENGLAND N.E.	NW to SW breezes, moderate to light; fine mild.
4 ENGLAND EAST	— — — — —
5 MIDLAND COUNTIES	SW breezes, moderate and fine, then freshening and less settled.
6 ENGLAND SOUTH	Same as No 2 and 3.

DISTRICTS

FORECASTS

7 SCOTLAND WEST	SW winds, freshening; fine to unsettled and rainy.
8 ENGLAND N.W.	SW breezes, fresh at first, then increasing; fair to squally.
9 ENGLAND S.W.	— — — — —
10 IRELAND NORTH	SW breezes, strong and increasing; dull to rainy and squally.
11 IRELAND SOUTH	— — — — —
WARNINGS	The South Cone is still up in District 6 & 10, but has been lowered elsewhere.

METEOROLOGICAL OBSERVATIONS FOR 10TH MARCH 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.52	-5	N	2	b	29.52		-13	-13		Z	0	b	*	22	-15	—		
Hernösand ...	29.62	-5	Z	0	b	29.57	-04	4	4	-4	SW	2	0	*	25	-6	—		
Stockholm ...	29.59	13	NNW	2	0	29.63	+16	11	11	-6	SW	2	0	*	21	?	—		
Wisby ...	29.57	21	NNW	2	0	29.60	+20	21	20	-3	NNW	2	0	*	28	16	—		
Bodö ...	29.37	21	NE	2	0	29.33	-08	?	20	?	ENE	2	0	*	25	16	—		
Christiansund ...	29.34	27	SW	6	b	29.43	+10	35	30	+1	W	4	+	4	37	25	0.02		
† Skudesnaes ...	29.50	33	SSE	6	0	29.48	+05	33	32	+2	SSE	8	5	3	34	30	—		
Oxö (Xiansund) ...	29.56	25	NNE	2	0	29.60	+06	27	26	+4	N	2	0	1	27	23	—		
Skagen (The Skaw) ...	29.60	20	ESE	2	b	29.61	+03	26	24	+3	SSE	3	0	0	28	19	—		
Fanö ...	29.55	33	S	2	0	29.58	-04	33	33	-2	E	4	0	*	?	32	—		
Cuxhaven ...	29.59	39	NNW	5	r	29.60	-14	39	39	+3	NNW	4	f	*	39	34	0.36		
† Sumburgh Head																			
† Stornoway ...																			
Wick ...	29.38	40	S	2	0	29.66	+24	42	40	+3	NNW	2	0	3	42	32	0.02		
Nairn ...	29.37	38	Z	0	f	29.70	+28	41	40	+6	W	2	b	1	42	35	0.31		
† Aberdeen ...	29.37	39	SSW	1	0	29.72	+24	42	39	+5	NNW	1	b	1	42	36	0.07		
Leith ...	29.45	50	W	8	r	29.76	+28	47	45	+9	W	1	b	*	51	37	0.17		
† Shields ...	29.51	53	WSW	7	r	29.78	+30	50	48	+2	NNW	7	b	2	55	47	0.03		
Spurn Head ...	29.68	49	WSW	5	c	29.82	+21	48	46	+2	W	5	b	4	52	44	0.03		
York ...	29.70	52	W	6	0	29.85	+24	51	49	+1	W	4	b	*	55	49	—		
Nottingham ...	29.75	51	WSW	6	c	29.96	+21	53	49	+4	WSW	2	0	*	54	48	0.01		
† Ardrossan ...	29.55	49	W	4	0	29.82	+32	48	47	-1	NNW	3	0	2	49	46	0.30		
† Mullaghmore ...	29.71	49	WSW	7	mg	29.94	+25	49	49	+1	SW	5	mg	5	50	48	0.17		
Donaghadee ...	29.65	52	W	9	0	29.89	+26	50	49	-1	W	4	c	2	44	49	0.06		
Parsonstown ...	29.88	52	SW	7	r	30.03	+18	50	50	0	W	2	0	*	53	50	0.03		
Barrow-in-Furness ...	29.72	45	WSW	6	0	29.90	+28	45	44	-1	WSW	6	0	6	46	43	0.05		
† Holyhead ...	29.82	49	SW	5	0	30.01	+23	48	48	-1	SW	3	0	3	49	47	—		
Liverpool (Bidston) ...	29.77	49	WSW	7	0	29.95	+24	51	48	+3	WSW	6	0	4	53	48	0.04		
† Valentia ...	30.02	51	SW	7	omg	30.13	+11	51	51	+1	SW	5	omd	5	54	49	0.23		
Roche's Point ...	30.01	51	W	5	c	30.09	+13	52	50	+1	W	4	b	4	55	50	0.12		
Pembroke ...	29.96	47	WSW	5	0	30.07	+15	46	46	-1	WSW	3	f	4	47	46	0.02		
† Scilly ...	30.20	50	WSW	8	om	30.23	+07	50	50	-1	WSW	6	of	6	52	49	0.01		
Prawle Point ...	30.46	47	WSW	5	0	30.19	+08	48	48	+1	W	3	f	4	48	46	0.02		
Hurst Castle ...	30.08	46	W	5	cm	30.11	+11	46	46	0	NNW	3	e	4	48	45	—		
† Dover ...	29.98	49	W	5	c/g	30.03	+05	47	46	+2	WSW	4	c/g	3	52	44	0.05		
† London ...	29.98	52	W	6	og	30.04	+8	49	49	+5	SW	4	0	*	54	46	0.01		
Oxford ...	29.94	49	WSW	7	0	30.04	+16	49	48	+1	WSW	1	og	*	50	48	0.01		
Cambridge ...	29.96	50	SW	3	0	29.97	+19	52	50	+3	WSW	1	c	*	57	48	0.02		
† Yarmouth ...	29.78	53	W	5	bog	29.89	+15	52	50	+5	NNW	4	b	2	54	45	0.03		
The Helder ...																			
Cape Gris Nez ...	29.99	48	W	8	0	30.02	+09	46	46	0	W	8	0	6	48	41	0.12		
† Jersey ...	30.28	48	W	6	om	30.27	+05	48	48	+1	W	6	of	5	51	46	0.01		
Brest ...	30.35	49	W	5	b	30.33	+03	49	48	0	NNW	4	0	3	52	46	—		
Lorient ...	30.36	48	NNW	7	c	30.32	+05	?	46	?	W	5	0	4	52	45	—		
† Rochefort ...	30.43	53	NNW	5	c	30.41	+04	51	48	+1	NNW	5	0	2	61	43	—		
Biarritz ...	30.47	54	NNW	4	b	30.40	-07	46	47	-1	ESE	4	b	3	57	39	—		
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	30.00	-01	49	48	+1	W	5	0	*	50	?	0.20		
Charleville ...	30.11	48	SW	8	0	30.08	-06	46	44	+5	SW	7	0	*	55	39	0.39		
Paris ...	30.23	53	SW	4	0	30.23	-00	49	48	+4	SSW	5	+	*	*	*	0.04		
Lyons ...	30.38	51	SE	1	b	30.39	+01	39	39	-3	ENE	1	b	*	57	39	—		
† Toulon ...	30.21	55	NN	8	b	30.21	-02	52	44	+3	NN	8	b	7	57	48	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.44	44	W	8	r	28.62	+25	44	44	0	WSW	5	fd	*	45	43	2.48		

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.49	36	33	SSE	6	a	4	Valentia ...	30.02	52	51	WSW	6	omg	6
Sumburgh Head								Scilly ...	30.20	52	51	WSW	8	0	6
Stornoway ...								Dover ..	29.95	49	48	W	5	c	4
Aberdeen ...	29.41	40	39	SSW	2	p	2	London ...	29.95	54	50	WSW	5	0	*
Shields ...	29.53	54	51	W	7	b	2	Yarmouth ...	29.76	53	51	WNW	5	cq	3
Ardrossan ...	29.53	49	48	W	6	r	5	Jersey ...	30.26	49	49	W	7	0	6
Mullaghmore ...	29.70	50	49	WSW	7	mg	7	Rochefort ...	30.44	58	53	WNW	5	b	2
Holyhead ...	29.84	49	49	SW	5	0	4								

Hardly any change has occurred since the morning

EXPLANATION OF COLUMNS.

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. equally; 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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

† Received too late for insertion in Chart



DAILY WEATHER REPORT

F O R

FRIDAY, 11th MARCH.

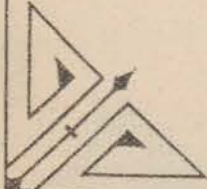
1881.

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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on Friday 11th MARCH.

1887.

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; →→ forces 8 to 10;
→→ forces 5 to 7; →→ forces 1 to 4;
○, dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast; thus: Rough; High.

MEAN* HEIGHT of the BAROMETER for the month of March

Stations.	Mean Readings.
Nairn	29.855
Aberdeen	29.858
Leith	29.888
Scarborough	29.912
Ardracan	29.904
Greenacastle	29.880
Holyhead	29.897
Valentia	29.917
Beckon Pt.	29.973
Plymouth	29.947
LONDON	29.990
Vermouth	29.923

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

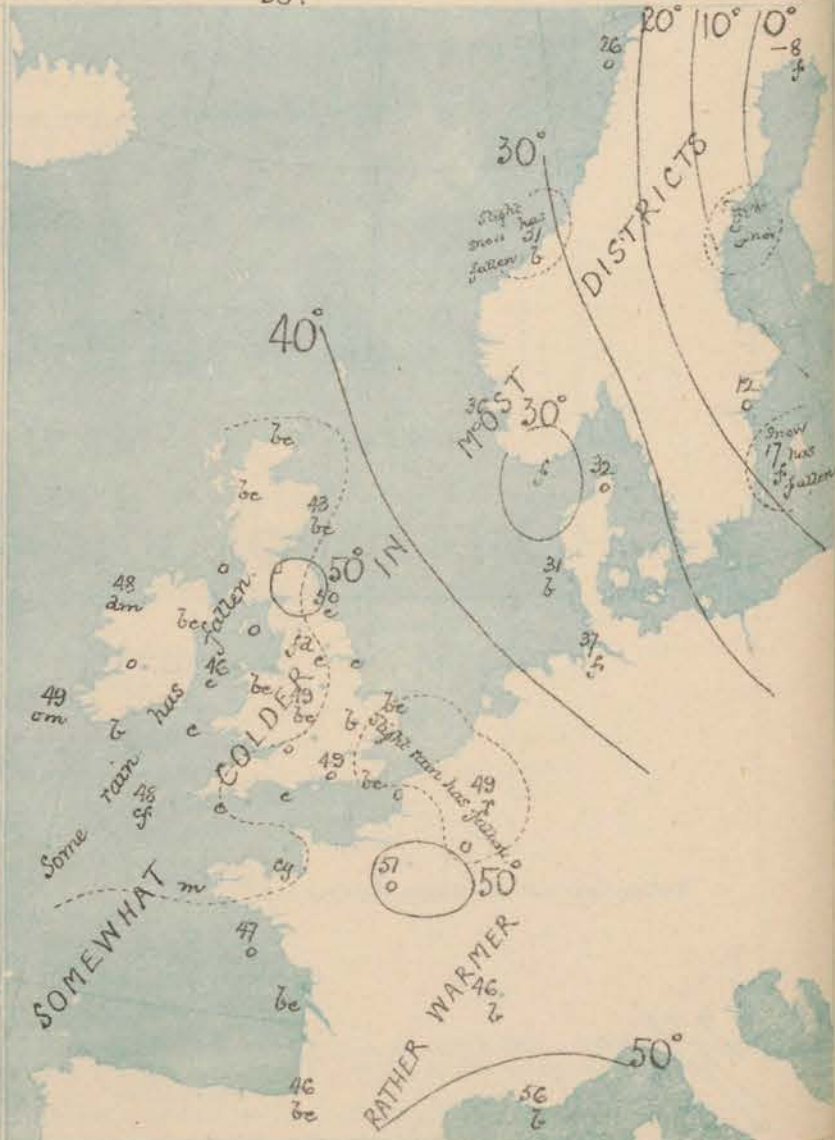
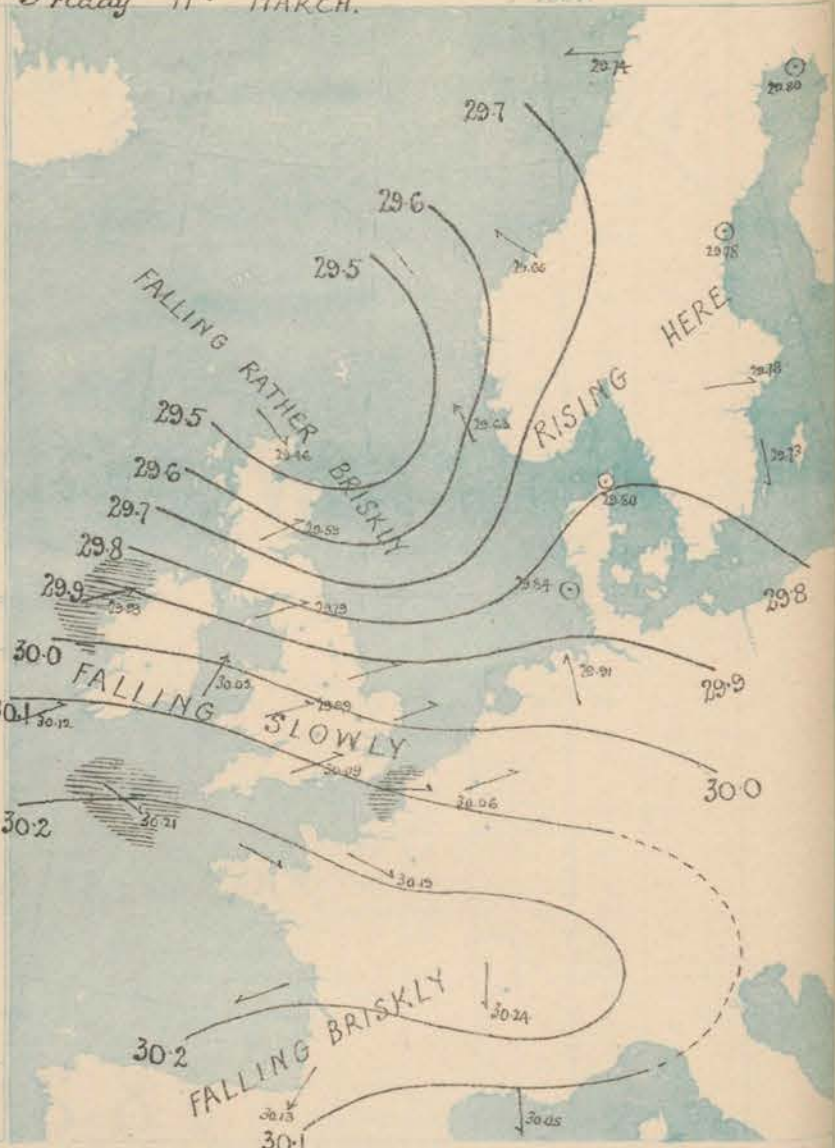
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of March

Stations	Temp.	Rain-fall
Sandburgh Head	38.6	1.52
Stornoway	39.5	1.30
Aberdeen	40.2	1.54
Shutts	40.6	1.61
York	40.9	1.64
Mullingmore	42.0	2.72
Holyhead	43.4	2.29
Pargunstown	42.7	4.16
Valentia	42.7	2.16
Sally (St Mary's)	42.2	2.16
Ilwst Gable	43.5	2.16
Dover	42.9	2.16
LONDON	42.7	1.46
Vermouth	41.9	1.11

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

For FRIDAY, 11TH MARCH 1881, at 8 a.m.

In the course of the past night the barometer has been falling somewhat over the Peninsula and Bay of Biscay, and the wind has shifted to the E^W in the west of France, with a fall of temperature, but dry weather. In the meantime a small but well-formed depression has appeared in the north, its centre being now near the Shetlands, and moving in a SE^E direction; so that while W^N and SW^N breezes still hold over the United Kingdom, and are freshening at our north western stations the wind in the extreme north of Scotland is inclined to veer N^W and to freshen. Temperature over the United Kingdom is very uniform between 45° and 50°. It rose to a maximum of 60° in London yesterday, to 59° at Cambridge, 58° at Nottingham and 57° at Yarmouth. The sky is still cloudy in the south of England - especially in London - but is clear or nearly so in the north and east, dull and misty in the far west. The sea is rather rough at a few isolated stations, moderate in most other places, slight at Holyhead and smooth off Dover.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

12TH MARCH

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	NW ^N winds, freshening; fine to showery, with sleet or soft hail in places.
2	SCOTLAND EAST	—
3	ENGLAND N.E.	W ^N winds, moderate, and mild; followed by NW ^N winds and colder weather, with slight showers.
4	ENGLAND EAST	—
5	MIDLAND COUNTIES	—
6	ENGLAND SOUTH	Light W ^N breezes and mild weather, followed by NW ^N breezes and colder weather.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	NW ^N breezes, strong, squally; some cold showers.
7	ENGLAND N.W.	—
8	ENGLAND S.W.	W ^N breezes, moderate; fair, becoming cooler.
9	IRELAND NORTH	SW ^N to NW ^N winds, moderate to fresh; fair on the whole - cooler.
10	IRELAND SOUTH	—
	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 11th MARCH 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force, (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force, (0 to 12).		Max.	Min.				
Haparanda ...	29.63	8	L	0	0	29.56	+ 28	- 5	8	+ 5	L	0	f	*	10	-13	-		
Hernösand ...	29.61	18	L	0	0	29.78	+ 21	8	8	+ 4	L	0	o	*	27	- 8	0.04		
Stockholm ...	29.68	18	WSW	2	0	29.78	+ 15	12	12	+ 1	W	2	o	*	27	3	-		
Wisby ...	29.62	21	N	2	0	29.73	+ 13	17	17	- 4	N	2	f	*	30	12	0.04		
Bodö ...	29.64	28	NNW	2	0	29.74	+ 11	26	25	?	E	2	o	1	28	21	?		
Christiansund...	29.54	34	ENE	1	b	29.65	+ 22	31	28	- 4	SE	3	b	3	36	19	0.04		
†Skudesnaes ...	29.67	35	L	0	f	29.63	+ 18	36	35	+ 3	SE	6	o	4	36	32	-		
Oxö (Xiansund)...	29.66	34	WNW	1	o	29.79	+ 19	25	24	- 2	NNE	4	f	2	34	21	-		
Skagen (The Skaw)	29.70	30	L	0	o	29.80	+ 19	32	31	+ 6	L	0	o	0	32	?	-		
Fanö ...	29.78	35	WNW	4	c	29.84	+ 26	31	31	- 2	L	0	b	*	?	30	-		
Cuxhaven ...	29.87	38	WNW	3	o	29.91	+ 31	37	37	- 2	SSE	1	f	*	?	34	-		
†Sumburgh Head																			
†Stornoway																			
Wick ...	29.76	44	L	0	o	29.46	- 20	44	43	+ 2	NN	4	bc	3	46	39	0.20		
Nairn ...	29.76	39	L	0	o	29.55	- 15	47	47	+ 8	SW	3	bc	1	49	38	0.11		
†Aberdeen ...	29.89	41	E	1	o	29.59	- 13	43	41	+ 1	SW	2	bc	1	47	36	0.04		
Leith ...	29.82	51	NN	4	o	29.71	- 05	50	48	+ 3	W	1	o	*	54	46	0.01		
†Shields ...	29.88	53	NNW	2	o	29.79	+ 01	50	48	0	WSW	4	c	2	53	49	-		
Spurn Head ...	29.97	51	W	4	f	29.91	+ 08	47	46	- 1	WSW	4	c	4	50	45	0.12		
York ...	29.96	53	W	2	o	29.92	+ 07	49	47	- 2	W	5	c	*	55	48	-		
Nottingham ...	30.02	53	WSW	3	o	29.99	+ 03	49	48	- 4	WSW	3	bc	*	58	45	-		
†Ardrossan ...	29.88	46	SW	1	f	29.79	- 03	49	48	+ 1	W	6	o	4	51	44	0.07		
†Mullaghmore ...	29.96	49	SW	5	omg	29.93	- 01	48	48	- 1	WSW	6	dm	5	51	48	0.13		
Donaghadee ...	29.96	52	NNW	4	c	29.87	- 07	49	49	- 1	NNW	6	bc	4	54	49	0.05		
Parsonstown ...	30.08	51	SSW	3	o	30.06	+ 03	48	48	- 2	SSW	3	o	*	53	47	0.06		
Barrow-in-Furness	29.98	45	SW	5	f	29.95	+ 05	44	43	- 1	SW	5	o	5	47	43	0.02		
†Holyhead ...	30.03	50	WSW	3	o	30.02	+ 01	46	46	- 2	SW	3	c	3	50	45	0.02		
Liverpool (Bldston)	30.00	51	WSW	4	f	29.99	+ 04	49	45	- 2	WSW	2	bc	2	54	48	0.03		
†Valentia ...	30.16	52	WSW	4	omg	30.12	- 01	49	48	- 2	WSW	2	om	3	53	47	0.04		
Roche's Point...	30.16	53	W	4	bc	30.12	+ 03	49	47	- 3	W	3	b	4	58	47	-		
Pembroke ...	30.11	46	WSW	3	f	30.11	+ 04	45	45	- 1	WSW	3	c	4	48	44	0.01		
†Scilly ...	30.25	50	WSW	4	om	30.21	- 02	48	47	- 2	NNW	4	cf	5	51	46	0.02		
Prawle Point ...	30.24	48	W	3	o	30.18	- 05	46	44	- 2	W	2	c	2	49	44	-		
Hurst Castle ...	30.16	47	NNW	3	o	30.14	+ 03	46	44	0	NN	4	c	4	48	45	-		
†Dover ...	30.11	48	SW	3	bc	30.08	+ 05	49	48	+ 2	W	4	bc	2	56	44	0.03		
†London ...	30.09	54	W	3	c	30.09	+ 05	49	47	- 2	WSW	3	o	*	60	47	-		
Oxford ...	30.08	49	WSW	5	o	30.07	+ 03	47	46	- 2	WSW	2	o	*	56	47	-		
Cambridge ...	30.05	53	WSW	1	o	30.01	+ 04	49	48	- 3	S	1	b	*	59	46	-		
†Yarmouth ...	30.00	52	NNW	2	bc	29.98	+ 09	49	47	- 3	WSW	3	bc	2	57	49	0.02		
The Holder ...																			
Cape Gris Nez ...	30.12	46	W	7	o	30.12	+ 10	46	46	0	W	5	o	5	50	39	-		
†Jersey ...	30.29	48	W	5	f	30.24	- 03	48	46	0	NNW	2	cg	3	50	45	0.01		
Brest ...	30.33	49	NN	1	f	30.24	- 09	46	46	- 3	E	2	m	3	54	45	0.04		
Lorient ...	31.32	48	W	4	o	30.21	- 11	47	46	?	E	3	o	4	51	45	-		
†Rochefort ...	30.36	51	NN	4	o	30.21	- 20	46	45	- 5	ENE	3	bc	2	55	39	-		
Biarritz ...	30.29	55	NE	1	bc	30.13	- 27	46	44	0	NE	5	bc	3	64	39	-		
Coranna ...	*	*	*	*	*			*	*					*	*	*	*		
Brussels ...	*	*	*	*	*	30.06	+ 06	49	49	0	WSW	4	f	*	55	48	0.04		
Charleville ...	30.14	49	SW	5	o	30.08	- 06	49	46	+ 3	SW	4	o	*	55	46	0.20		
Paris ...	30.24	55	SW	3	o	30.19	- 05	51	49	+ 2	NNW	1	o	*	*	*	-		
Lyons ...	30.24	50	NNE	1	b	30.24	- 15	46	44	+ 7	N	1	b	*	56	37	-		
Toulon ...	30.09	59	NNW	8	bc	30.05	- 16	56	?	+ 4	N	4	b	2	63	52	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.72	46	W	5	f	29.68	+ 06	44	44	- 3	WSW	4	bc	*	47	41	0.04		

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.56	36	36	S	4	0	2	Valentia ...	30.18	53	52	WSW	4	om	4
Sumburgh Head								Scilly ...	30.26	51	51	W	5	om	6
Stornoway ...								Dover ..	30.08	51	49	SW	4	bc	3
Aberdeen ...	29.78	44	42	SSE	1	0	1	London ...	30.07	58	54	WSW	3	o	*
Shields ...	29.88	53	51	WNW	6	0	2	Yarmouth ...	29.97	57	52	WNW	5	c	2
Ardrossan ...	29.88	50	49	WNW	3	0	2	Jersey ...	30.30	49	49	W	6	f	5
Mullaghmore ...	29.95	51	51	WSW	5	om	5	Rochefort ...	30.10	52	49	NW	5	o	2
Holyhead...	30.02	50	49	WNW	4	0	3								

No important change has occurred since 8 a.m. beyond a decided increase of temperature over our SE. coasts.

In London the thermometer stands at 58°.

EXPLANATION OF COLUMNS.

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.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

SATURDAY, 12TH MARCH.

1881.

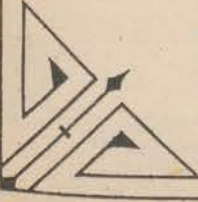
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ROBERT H. SCOTT

(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on Saturday 12th March.

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus:

→ force above 10; → force 8 to 10;

→ force 5 to 7; → force 1 to 4.

○ dead calm.

Sea disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

MEAN HEIGHT of the BAROMETER

for the month of March

Stations	Mean Readings
Saun	29.853
Aberdeen	29.858
Leith	29.868
Scarborough	29.912
Ardrossan	29.894
Glasgow	29.880
Holyhead	29.897
Valencia	29.977
Rochester	29.973
Plymouth	29.947
LONDON	29.940
Yarmouth	29.925

* These means are for the 50 years 1866-75. A more complete set of mean values is in course of preparation.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more are quoted in figures.

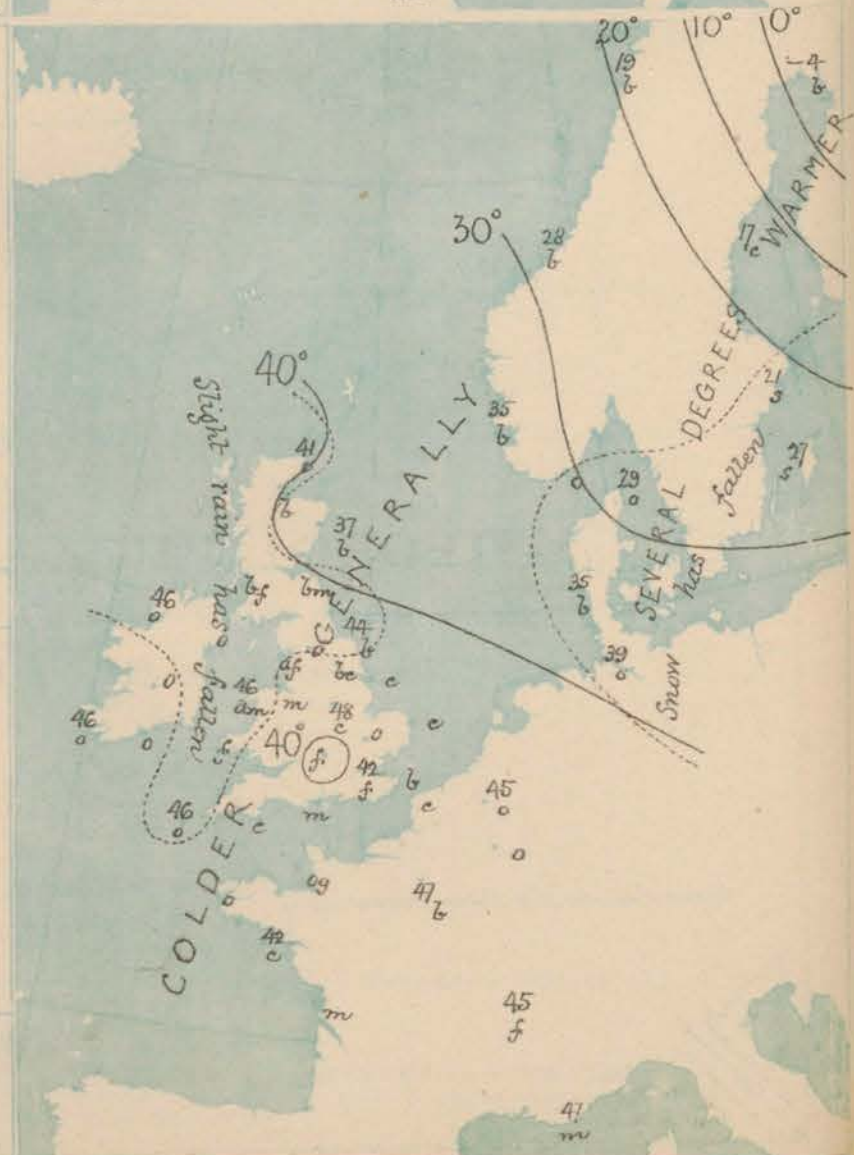
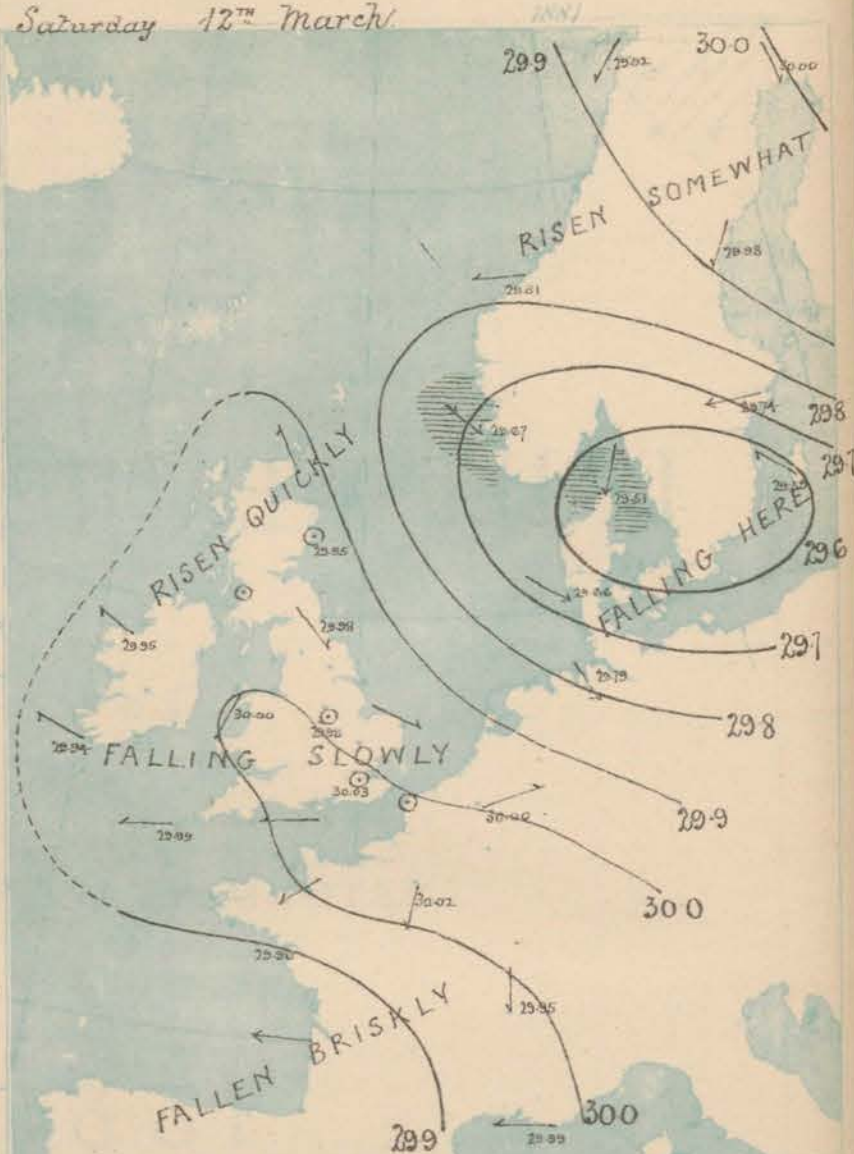
MEANS of TEMPERATURE

AND RAINFALL

for the month of March

Stations	Temp	Rain-fall
Sandwich Head	38.6	1.52
Sarnesway	39.5	3.20
Aberdeen	40.2	7.84
Shetland	40.6	7.63
York	40.9	1.54
Mullingmore	42.0	2
Holyhead	43.4	7.12
Parsonstown	45.7	2.29
Valencia	44.7	4.16
Sally (St Mary's)	45.7	2.34
Hurst Castle	45.6	7
Dover	45.9	7.03
LONDON	45.7	7.46
Yarmouth	45.9	1.31

* The mean Temperatures are those for the 50 years 1857-69; the mean amounts of Rain are those for the 40 years 1866 to 1875.



REMARKS

SATURDAY, 12TH MARCH, 1881, at 8 a.m.

The depression noticed off the north east of Scotland yesterday morning has moved SE^W to the south of Norway, so that on our north and north east coasts the barometer has risen quickly, the wind lulled to almost a calm, and the weather remained very fine.

In the meantime the fall in the barometer in the south and south west has continued somewhat briskly, and there appears to be a depression advanced from the S^W over the Bay of Biscay towards our south west coasts. The wind has shifted to the E^W in the west of France and over the Channel, and is freshening considerably from that quarter over the Bay of Biscay, accompanied by gloomy, misty weather and a fall of temperature. In the south of England fogs prevail, while in Ireland the sky is overcast generally. Temperature has fallen in all parts of our Islands - especially in the north - and readings vary from between 42° and 46° over England and Ireland to between 36° and 40° in Scotland. The sea is moderate at the western stations, smooth elsewhere.

The depression in the south west will probably move N^W, and the weather gradually become unsettled over our Islands generally - first in the south and south-west.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

13TH MARCH -

ISSUED AT 11 a.m. on previous day.

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

SCOTLAND
NORTH

Calm, then SE^W winds, freshening;
fine generally, some fog.

SCOTLAND
EAST

— 5° — 5° — 5° —

ENGLAND
N.Y.

— 5° — 5° — 5° —

ENGLAND
EAST

Wind shifting to E^W and freshening
somewhat, fair to foggy, then dull
and colder.

MIDLAND
COUNTIES

— 5° — 5° — 5° —

ENGLAND
SOUTH

E^W to SE^W breezes, freshening; thick
fog in places, then dull; probably
raining tomorrow.

SCOTLAND
WEST

Same as No. 0 to 2.

ENGLAND
N.W.

SE^W to E^W breezes, moderate; fair to dull.

ENGLAND
S.W.

E^W breezes, fresh to strong; dull, rainy.

IRELAND
NORTH

E^W breezes, moderate to fresh; dull.

IRELAND
SOUTH

E^W to SE^W breezes, freshening; dull
to rainy.

WARNINGS

None issued.

METEOROLOGICAL OBSERVATIONS FOR 12TH MARCH 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.	
Haparanda ...	29.91	-5	W	0	b	29.00	+ 20	- 4	- 4	+ 4	N	2	b	*	7	-9	-
Hernösand ...	29.86	5	W	0	c	29.98	+ 20	17	16	+ 9	NE	2	c	*	28	-2	-
Stockholm ...	29.81	18	E	2	c	29.74	- 24	21	20	+ 9	E	6	s	*	28	9	-
Wisby ...	29.77	20	SSW	2	c	29.59	- 14	27	27	+ 10	SE	4	s	*	28	10	0.04
Bodö ...	29.77	21	NE	2	b	29.92	+ 18	19	18	- 7	NE	4	b	2	27	18	-
Christiansund...	29.49	32	NE	4	b	29.81	+ 16	28	28	- 3	E	1	b	2	34	16	-
†Skudesnaes ...	29.96	37	SSW	8	f	29.67	+ 24	35	32	- 1	NW	8	b	5	37	?	-
Oxö (Xriansund)...	29.47	28	N	4	c	29.62	- 17	36	29	+ 5	N	1	c	1	?	?	0.16
Skagen (The Skaw)	29.42	32	SSW	4	c	29.51	- 29	29	27	- 3	NNE	6	c	5	36	28	0.20
Fanö ...	29.64	36	W	4	f	29.46	- 18	35	35	+ 4	WNW	6	b	*	27	30	0.32
Cuxhaven ...	29.80	41	WNW	5	f	29.79	- 12	39	39	+ 2	NW	5	c	*	41	34	0.08
†Sumburgh Head																	
†Stornoway ...																	
Wick ...	29.58	44	NW	6	b	29.93	+ 47	41	41	- 2	SSE	1	c	2	53	39	0.28
Nairn ...	29.73	42	N	3	b	29.92	+ 37	36	34	- 13	W	0	b	1	55	36	-
†Aberdeen ...	29.69	48	N	1	b	29.95	+ 26	37	35	- 6	W	0	b	1	58	36	-
Leith ...	29.74	51	N	6	b	29.96	+ 25	41	40	- 9	W	1	b	*	54	38	0.01
†Shields ...	29.83	53	WSW	6	c	29.98	+ 29	44	42	- 6	NW	2	b	0	54	40	0.01
Spurn Head ...	29.89	50	W	4	b	29.98	+ 20	45	44	- 2	N	1	c	1	51	42	-
York ...	29.93	51	W	3	c	29.99	+ 27	46	45	- 3	W	0	b	*	56	44	-
Nottingham ...	29.97	52	WSW	2	b	29.98	- 01	48	47	- 1	WSW	1	c	*	62	44	-
†Ardrossan ...	29.81	49	NW	6	og	29.97	+ 18	42	42	- 7	W	0	b	0	51	41	0.03
†Mullaghmore ...	29.95	48	SW	4	rm	29.95	+ 02	46	45	- 2	ESE	1	c	2	53	44	0.02
Donaghadee ...	29.92	52	W	6	c	29.97	+ 10	45	45	- 4	SSE	2	c	0	57	45	0.01
Parsonstown ...	30.03	50	SW	2	c	29.99	- 07	45	44	- 3	SE	1	c	*	53	44	-
Barrow-in-Furness	29.94	46	WSW	4	b	29.98	+ 03	45	44	+ 1	SW	3	og	4	48	43	-
†Holyhead ...	29.99	48	SW	2	b	30.00	- 02	46	46	0	SW	1	dm	0	52	44	0.02
Liverpool (Bidston)	29.97	49	WSW	5	c	30.00	+ 01	46	46	- 3	W	2	m	1	52	45	-
†Valentia ...	30.07	49	SW	3	op	29.94	- 18	46	45	- 3	ESE	4	c	4	55	44	-
Roche's Point...	30.09	51	WSW	3	c	29.97	- 15	46	45	- 3	S	1	c	3	59	44	-
Pembroke ...	30.06	44	WSW	3	c	29.98	- 13	44	44	- 1	SSW	1	f	3	47	43	0.01
†Scilly ...	30.12	46	S	1	of	29.99	- 22	46	45	- 2	E	4	c	4	52	44	0.01
Prawle Point ...	30.09	47	WSW	2	c	29.99	- 19	44	43	- 2	ENE	2	c	2	50	42	-
Hurst Castle ...	30.07	46	WNW	4	c	30.02	- 12	43	43	- 3	E	1	m	2	50	43	-
†Dover ...	30.03	46	SW	3	b	30.00	- 08	45	44	- 4	W	0	b	0	52	43	-
†London ...	30.02	58	WNW	2	b	30.03	- 06	42	42	- 7	W	1	f	*	59	40	-
Oxford ...	30.03	47	WSW	3	m	30.02	- 05	38	38	- 9	W	0	f	*	58	38	-
Cambridge ...	29.98	54	W	1	b	29.97	- 04	47	46	- 2	NW	1	c	*	61	40	-
†Yarmouth ...	29.93	54	WNW	2	b	29.97	- 01	48	47	- 1	WNW	2	c	2	58	43	-
The Helder ...																	
Cape Gris Nez ...	30.07	45	W	4	b	30.02	- 10	46	46	0	SE	1	c	2	48	43	-
†Jersey ...	30.16	47	WNW	1	c	30.02	- 22	45	43	- 8	ENE	3	og	3	50	44	-
Brest ...	30.11	50	W	0	b	30.01	- 23	41	40	- 5	ESE	4	c	2	50	39	-
Lorient ...	30.07	51	SSW	1	b	29.90	- 31	42	40	- 5	E	5	c	4	54	39	-
†Rochefort ...	30.01	57	ESE	4	b	29.89	- 32	49	48	+ 3	E	7	m	2	63	39	-
Biarritz ...																	
Corunna ...	*	*	*	*	*			*							*	*	*
Brussels ...	*	*	*	*	*	30.00	- 06	45	44	- 4	WSW	1	c	*	53	44	-
Charleville ...	30.06	48	W	5	c	30.02	- 06	42	40	- 7	WSW	4	c	*	56	?	-
Paris ...	30.13	52	WNW	3	c	30.02	- 17	47	43	- 4	NNE	3	b	*	*	*	-
Lyons ...	30.08	55	E	1	b	29.95	- 29	45	45	- 1	N	1	f	*	57	43	-
Toulon ...	30.01	59	W	0	b	29.99	- 06	47	46	- 9	E	4	m	3	63	46	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.66	44	W	6	c	28.73	+ 05	42	42	+ 1	SW	2	c	*	45	41	0.06

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.66	44	W	6	c	28.73	+ 05	42	W	1	c	*	45	41	0.06
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnaes ...	29.41	35	34	SE	8	r	5	Valentia ...	30.10	53	51	SW	3	c	4
Sumburgh Head								Scilly ...	30.16	50	48	W	2	cf	5
Stornoway ...								Dover ..	30.05	52	48	W	2	b	2
Aberdeen ...	29.58	53	49	W	3	b	1	London ...	30.03	57	50	W	3	b	*
Shields ...	29.82	53	50	WSW	6	c	2	Yarmouth ...	29.95	57	52	W	4	b	2
Ardrossan ...	29.82	49	48	W	5	c	3	Jersey ...	30.20	49	47	W	2	c	3
Mullaghmore ...	29.95	50	49	WSW	5	ogm	5	Rochefort ...	30.06	54	52	E NE	5	c	2
Holyhead...	30.03	52	51	W	3	b	2								

The depression in the N. is moving in almost a due easterly direction, and the barometer at Kiel has begun to rise again while the wind there has become strong from N.W., but with very fine weather.

EXPLANATION OF COLUMNS.

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. equally; 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.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark; and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

SUNDAY, 13TH MARCH.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

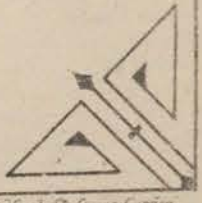
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ROBERT H. SCOTT

(SECRETARY.)



Printed by Dwyer & Co. 22, Bedford St., Covent Garden.

WEATHER CHARTS

for 8 a.m. on Sunday 13th March.

1881.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:

→ forces above 10; → forces 8 to 11

→ forces 5 to 7; → forces 1 to 4

⊙ = dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast; thus: Rough; High.

MEAN* HEIGHT of the BAROMETER for the month of March

Stations.	Mean Readings.
Nairn	29.853
Aberdeen	29.858
Leith	29.888
Scarborough	29.912
Ardrossan	29.894
Greenock	29.889
Holyhead	29.897
Valentia	29.917
Roche's Pt.	29.973
Plymouth	29.947
LONDON	29.940
Farmouth	29.923

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

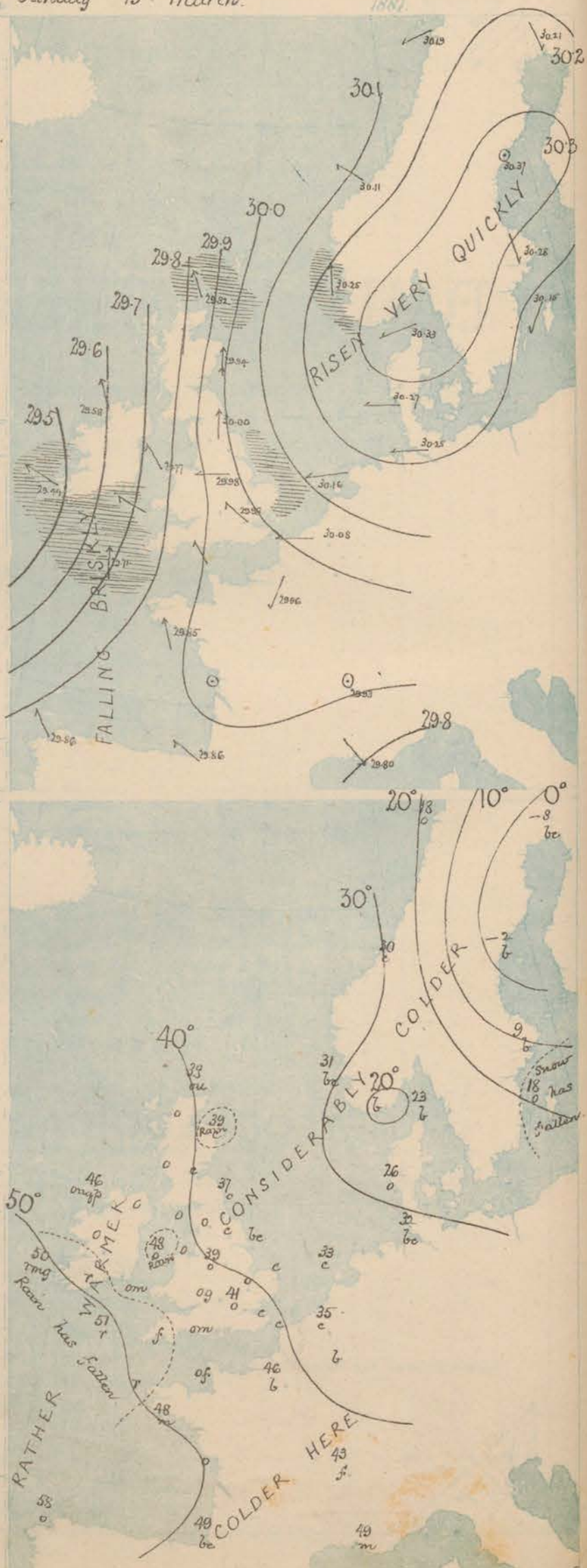
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of March

Stations	Temp	Rain-fall
Sandburgh Head	38.6	1.52
Stornoway	39.5	4.20
Aberdeen	40.2	1.89
Shields	40.6	1.63
York	40.9	1.54
Mullaghmore	42.3	2
Holyhead	43.4	2.12
Parsonstown	43.7	2.29
Valentia	44.7	4.15
Sally (St. Mary's)	47.2	2.18
Thurst Castle	49.5	2
Dover	47.9	2.03
LONDON	42.7	1.46
Farmouth	41.9	1.91

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SUNDAY 13TH MARCH 1861 at 8 a.m.

In the course of the past twenty four hours the barometer has risen very quickly over Scandinavia, while it has fallen over our Islands, and as the decrease has been very brisk at the most western and north western stations steep gradients for S^W winds have been formed over Ireland and Scotland, while moderately steep gradients exist over Western England. Very strong S^W or SSE^W winds are consequently reported from those countries, with a fresh gale at Aberdeen, while in the east and south of the United Kingdom moderate or rather fresh breezes from SE are blowing. Over Denmark, the Netherlands and the north-east of France the wind is light from E. Temperature has risen several degrees in the west and north but fallen in the east, and readings at present range from 51° at Scilly to 34° at Wick and 37° at Shields and Yarmouth. The maxima over Central England yesterday varied from 53° to 55°. The weather is fine at some of our east coast stations, very cloudy elsewhere, with rain in the south of Ireland and at Scilly. During the past twenty four hours a little rain has fallen at most of the south western stations. The sea is rough in the west and east, and also at Wick.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND EAST
- 4 MIDLAND COUNTIES
- 5 ENGLAND SOUTH

FORECASTS

NONE ISSUED -

DISTRICTS

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

FORECASTS

NONE ISSUED -

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR 13TH MARCH 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	30.17	3	N	2	δ	30.21	+ .21	-8	-8	-4	N	2	δ	*	18	-9	-		
Hernösand ...	30.12	5	Z	0	δ	30.27	+ .39	-2	-2	-19	Z	0	δ	*	25	?	-		
Stockholm ...	30.06	14	N	6	o	30.28	+ .34	9	9	-12	N	4	δ	*	25	?	-		
Wisby ...	29.87	25	NE	4	o	30.15	+ .36	15	17	-9	NE	4	o	*	32	10	0.16		
Bodö ...	30.13	20	NE	2	δ	30.19	+ .27	18	17	-1	ENE	4	o	*	27	16	-		
Christiansund ...	30.08	29	E	1	δ	30.11	+ .30	20	27	+ 7	ESE	3	o	*	24	16	-		
†Skudesnaes ...	30.09	35	SSE	6	δ	30.25	+ .38	31	30	-4	S	7	δ	*	43	30	-		
Oxö (Xiansund) ...	30.13	27	NNW	1	δ	30.37	+ .75	19	18	-11	NNW	2	δ	*	30	18	-		
Skagen (The Skaw) ...	30.13	26	NE	4	δ	30.33	+ .82	23	21	-6	ENE	3	δ	*	30	21	-		
Fanö ...	30.12	28	N	6	o	30.27	+ .61	26	26	-7	E	4	o	*	26	25	-		
Cuxhaven ...	30.02	35	NNW	4	δ	30.25	+ .46	30	30	-7	E	2	δ	*	?	20	-		
†Sumburgh Head																			
†Stornoway																			
Wick ...	29.95	41	SE	3	δ	29.82	- .11	35	36	-3	SSE	7	ow	*	47	37	-		
Nairn ...	29.95	41	W	1	δ	29.86	- .09	45	42	+ 9	S	1	o	*	49	36	-		
†Aberdeen ...	30.08	38	SSE	1	m	29.94	- .01	39	37	+ 2	S	8	o	*	50	36	0.08		
Leith ...	30.05	44	W	2	δ	29.90	- .06	40	38	-1	SSE	2	o	*	49	38	-		
†Shields ...	30.03	42	ESE	2	m	30.00	+ .02	37	35	-7	S	5	o	*	45	36	-		
Spurn Head	30.04	41	E	4	δ	30.03	+ .05	38	37	-7	S	5	δ	*	48	36	-		
York ...	30.03	41	ESE	1	δ	30.02	+ .03	39	37	-7	SE	3	o	*	55	36	-		
Nottingham ...	30.02	44	ENE	3	o	29.98	- .04	39	37	-9	E	4	o	*	54	37	-		
†Ardrossan ...	29.96	48	W	0	o	29.79	- .17	44	42	+ 2	SSE	3	o	*	50	41	-		
†Mullaghmore ...	29.83	49	SE	5	o	29.58	- .25	46	43	-3	SSE	6	ow	*	50	45	-		
Donaghadee ...	29.95	45	SSE	2	o	29.73	- .22	44	43	-1	SSE	6	o	*	51	43	-		
Parsonstown ...	29.88	47	SE	2	o	29.61	- .27	46	46	+ 1	SSE	6	o	*	46	44	-		
Barrow-in-Furness ...	29.98	47	NW	3	o	29.88	- .10	44	39	-4	ESE	4	o	*	48	40	-		
†Holyhead ...	29.94	47	NE	3	o	29.77	- .17	48	48	+ 2	SE	2	o	*	49	44	0.01		
Liverpool (Bidston) ...	29.98	?	ENE	1	o	29.91	- .07	41	39	-5	ESE	5	o	*	49	41	-		
†Valentia ...	29.86	47	SE	5	o	29.44	- .42	50	49	+ 1	ESE	7	ow	*	45	45	0.06		
Roche's Point ...	29.87	48	SSE	5	o	29.55	- .32	48	48	+ 2	SSE	6	o	*	52	45	0.26		
Pembroke ...	29.91	45	E	1	o	29.72	- .19	46	45	+ 2	ESE	4	ow	*	47	43	-		
†Scilly ...	29.89	47	ESE	5	o	29.71	- .18	51	51	+ 5	S	6	o	*	49	45	0.12		
Prawle Point ...	29.93	47	ENE	3	o	29.88	- .05	46	46	+ 2	SE	3	o	*	47	43	0.01		
Hurst Castle ...	29.97	46	ENE	2	o	29.91	- .06	44	43	+ 1	SE	4	ow	*	48	43	-		
†Dover ...	30.01	47	NE	2	o	30.01	+ .01	41	40	-4	ESE	4	o	*	51	40	-		
†London ...	30.00	49	E	3	o	29.98	- .02	41	40	-1	SE	4	o	*	53	39	-		
Oxford ...	30.00	57	SE	2	o	29.96	- .04	40	39	+ 2	E	2	ow	*	53	38	-		
Cambridge ...	30.03	51	SSE	1	o	30.01	+ .04	40	39	-7	SSE	1	o	*	54	38	-		
†Yarmouth ...	30.02	46	NE	2	δ	30.06	+ .04	37	36	-11	ESE	5	o	*	48	35	-		
The Helder ...	30.07	38	NNE	2	δ	30.16	+ .23	33	31	-8	E	2	o	*	41	32	-		
Cape Gris Nez	29.77	46	E	3	m	30.04	+ .07	40	37	-6	E	4	o	*	50	36	-		
†Jersey ...	29.98	48	ENE	3	δ	29.91	- .07	47	47	+ 2	ENE	2	ow	*	50	44	-		
Brest ...	29.93	47	WSW	3	o	29.82	- .11	49	49	+ 8	S	5	o	*	54	44	0.12		
Lorient ...	29.89	48	WSW	3	δ	29.85	- .04	48	48	+ 6	SSE	5	m	*	52	39	-		
†Rochefort ...	29.92	57	NNW	4	o	29.85	+ .07	50	50	+ 1	Z	0	o	*	?	?	-		
Biarritz ...	29.98	56	NNW	3	δ	29.80	- .18	49	48	-9	ESE	4	δ	*	72	45	-		
Corunna ...	*	*	*	*	*	29.86	- .12	55	*	-1	SE	1	o	*	*	*	*		
Brussels ...	*	*	*	*	*	30.08	+ .08	35	33	-10	E	5	o	*	52	34	-		
Charleville ...	29.99	49	NE	1	δ	30.06	- .07	36	34	-6	E	1	δ	*	62	36	-		
Paris ...	29.95	53	NE	4	o	29.46	- .49	46	44	-1	NE	3	o	*	*	*	-		
Lyons ...	29.88	48	E	1	δ	29.93	- .05	43	43	-2	S	1	o	*	56	40	-		
Toulon ...	29.94	49	E	4	δ	29.86	- .08	46	49	+ 2	NNW	7	m	*	52	46	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.74	47	SSE	2	o	28.68	- .05	54	34	-8	E	3	o	*	52	32	-		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.94	47	SSE	2	o	28.68	- .25	34	34	-8	E	2	o	*	52	32	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.93	42	36	N	4	δ	4	Valentia ...	29.86	49	47	SE	6	o	5
Sumburgh Head								Scilly ...	29.93	49	46	SE	5	o	4
Stornoway ...								Dover ..	30.00	50	48	E	1	δ	0
Aberdeen ...	30.04	45	42	S	2	δ	1	London ...	29.99	52	49	Z	0	ow	*
Shields ...	30.01	45	43	E	2	o	1	Yarmouth ...	30.01	47	46	N	7	δ	2
Ardrossan ...	29.97	48	47	Z	0	o	0	Jersey ...	29.95	51	49	NE	2	δ	2
Mullaghmore ...	29.90	48	46	S	4	og	3	Rochefort ...	29.88	55	54	E	3	m	1
Holyhead...	29.98	49	48	NE	2	og	1								

The depression noticed in the south-west this morning is moving N^W behind our western coast, and warmer weather is probable tomorrow, especially over our inland and SE counties.

EXPLANATION OF COLUMNS.

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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

MONDAY, 14TH MARCH.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

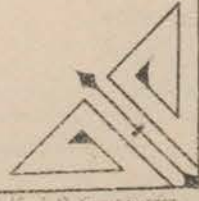
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ROBERT H. SCOTT

(SECRETARY.)



Printed by Hangerfield, Lark Lane, Dalkeith, 8, Great Western.

WEATHER CHARTS

for 8 a.m. on Monday 14th March.

BAROMETER, WIND & SEA

Explanation of Map

Barometer, isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are noted in words.
Wind Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:
— force above 40. — force 8 to 10.
— force 5 to 7. — force 1 to 4.
○ dead calm.
Sea Disturbances, where considerable, is shown by shading round the coast, thus: — Rough, — High.

MEAN* HEIGHT of the BAROMETER for the month of March

Stations	Mean Readings in.
Nairn	29.833
Aberdeen	29.858
Leith	29.888
Scarborough	29.912
Ardrossan	29.894
Greenock	29.886
Holyhead	29.897
Valencia	29.917
Regio's Pt	29.979
Plymouth	29.917
LONDON	29.940
Wormouth	29.925

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.

TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS

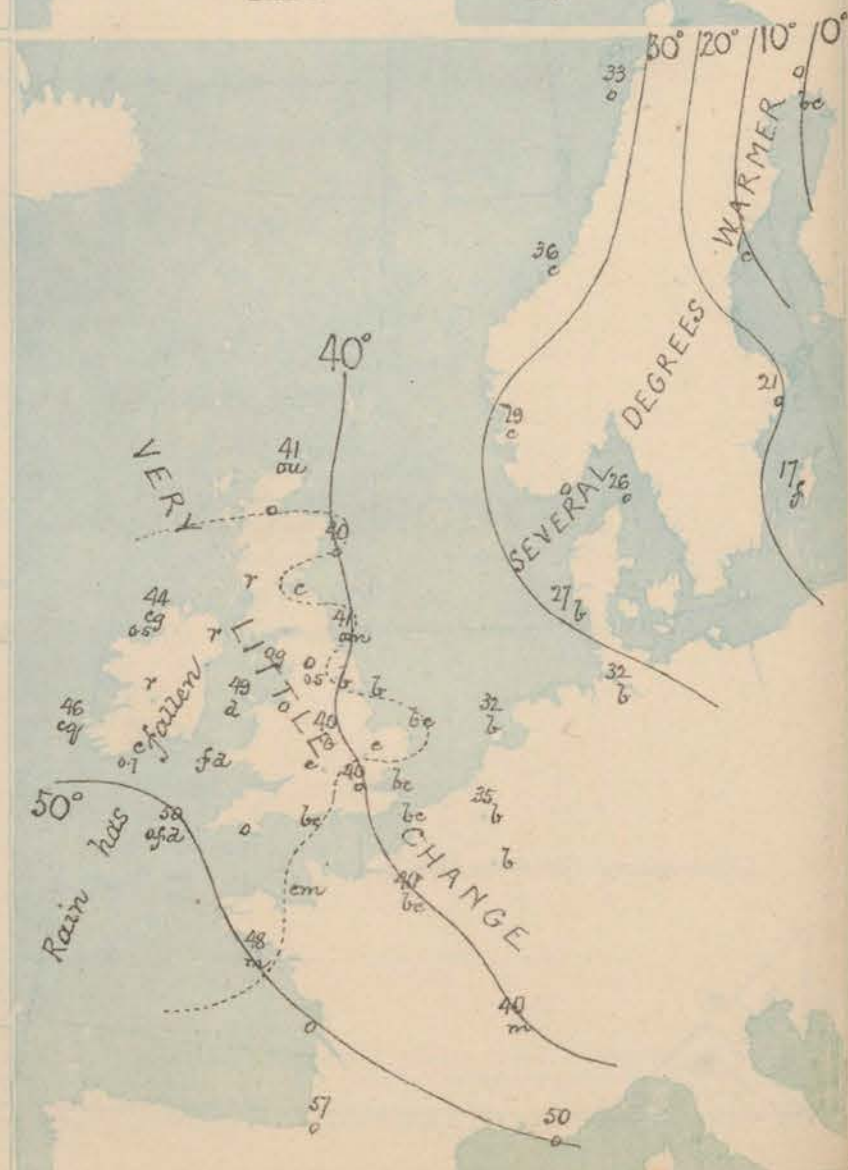
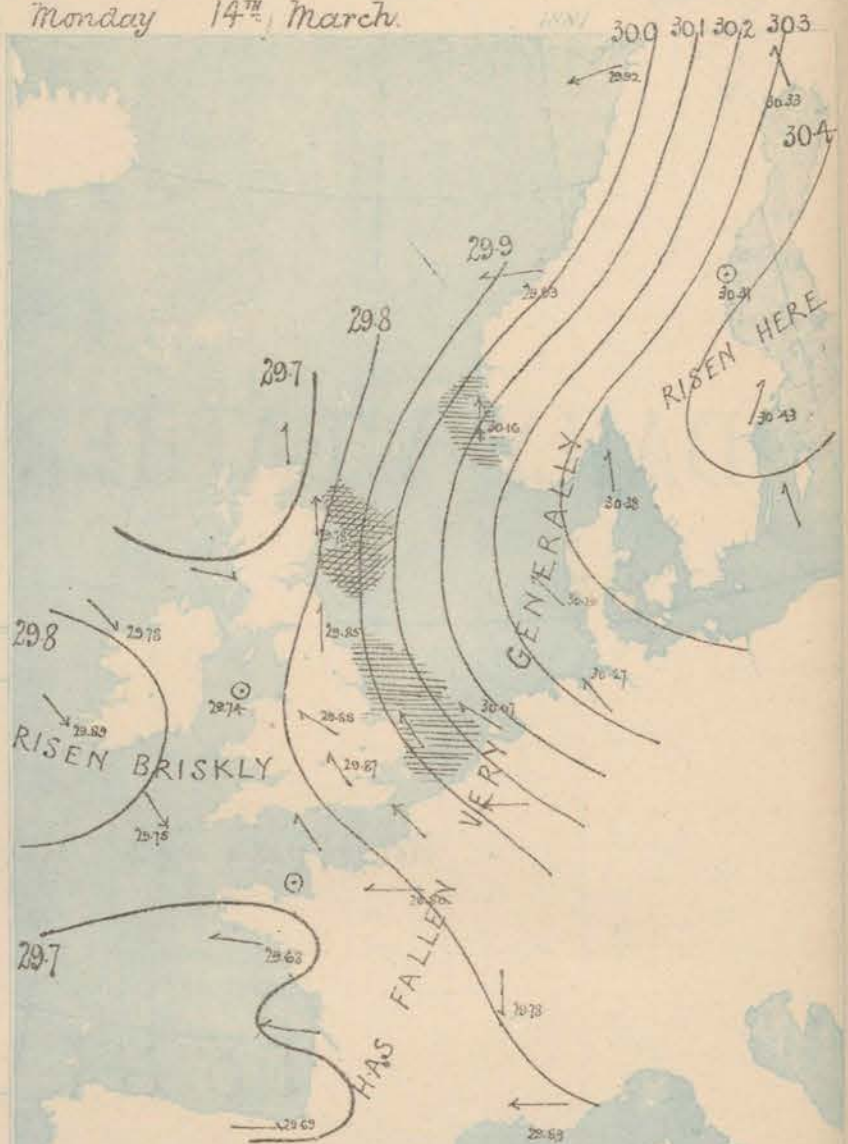
Explanation of Map

Temperature, isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather: Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall: A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of March

Stations	Temp	Rain fall
Sandwich Head	38.6	1.22
Stornoway	38.5	4.38
Aberdeen	40.2	1.89
Shetland	40.6	1.53
York	40.9	1.54
Millington	42.3	1
Holyhead	42.4	2.12
Parsmouth	42.7	2.29
Valencia	46.7	4.18
Sally (St Mary's)	47.2	2.08
Brest Castle	47.5	2
Dover	47.9	7.09
LONDON	47.7	1.76
Wormouth	47.0	1.23

* The mean Temperatures are those for the 17 years 1857-73; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

For MONDAY, 14TH MARCH. 1881. at 8 a.m.

During the past night a sudden and complete change has occurred in the distribution of pressure. At 6pm a large area of low readings lay off our west coasts, and S^W winds prevailed everywhere, but since that time the mercury has risen 0.4 in. at Valentia, and an area of high pressure has been formed over Ireland and the depression is passing away to the N^W of Scotland. At the same time an anticyclone is shown over Scandinavia, and a second depression over the Bay of Biscay. A moderate to strong SE^W to S^W current is blowing over France and the whole of the eastern districts of S^W Britain, while NW^W and N^W winds are reported over Ireland and the mouth of the Channel. Temperature is not changing much, but the tendency is downward everywhere, and readings range from 50° at Lillie to 38° at Yarmouth. The weather varies a good deal. Over North Germany and the south-east and east of England the sky is moderately clear but elsewhere it is cloudy or overcast, with rain and fog over the Irish Sea. Rain has fallen except in the east during the past twenty-four hours, the amount being rather large in Ireland. The sea is rough in the north-east and east.

FORECASTS

for the 24 hours ending at Noon
on the

15TH MARCH.

ISSUED AT 11 a.m. on previous day.

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

S^W breezes, moderate generally; cloudy,
but dry.

2 SCOTLAND
EAST

— — — — —

3 ENGLAND
N E

SE^W winds, moderate or fresh; fair,
rather cool.

4 ENGLAND
EAST

— — — — —

5 MIDLAND
COUNTIES

SE^W and E^W breezes, moderate and light;
cloudy, but fair. Cool.

6 ENGLAND
SOUTH

— — — — —

6 SCOTLAND
WEST

Variable breezes, light; cloudy.

7 ENGLAND
N W

NW^W breezes, moderate; cloudy, some showers.

8 ENGLAND
S W

NE^W breezes, moderate and fresh; dull,
some rain.

9 IRELAND
NORTH

Same as no. 7.

10 IRELAND
SOUTH

N^W breezes, moderate; cloudy, cool.

WARNINGS

The Souths Cone has been lowered in all
places this morning.

METEOROLOGICAL OBSERVATIONS FOR 14TH MARCH 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.				
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	30.32	14	S	2	b	30.33	+ .12	0	0	+ 8	S	2	b	*	7	-11	-		
Hernösand	30.34	8	Z	0	s	30.34	- .06	7	6	+ 9	Z	0	c	*	28	-6	-		
Stockholm	30.41	14	WNW	2	b	30.43	+ .15	21	19	+ 12	SW	2	0	*	27	5	-		
Wisby	30.29	17	NE	2	o	30.38	+ .23	17	17	- 1	S	2	f	*	25	14	-		
Bodö	30.06	30	ENE	2	s	29.92	- .27	33	30	+ 15	ENE	6	0	3	?	18	-		
Christiansund	30.07	35	ESE	1	c	29.93	- .18	36	32	+ 6	E	3	c	2	37	19	-		
† Skudesnaes	30.19	30	S	8	bc	30.16	- .09	29	28	- 2	S	9	c	6	34	?	-		
Oxö (Christiansund)	30.35	24	NE	4	c	30.32	- .05	26	24	+ 7	ESE	4	0	2	27	?	-		
Skagen (The Skaw)	30.38	26	SE	2	b	30.38	+ .05	26	24	+ 3	S	4	0	3	28	?	-		
Fanö	30.31	27	SE	6	o	30.29	+ .02	27	27	+ 1	SE	6	b	*	30	25	-		
Cuxhaven	30.33	33	ESE	4	b	30.27	+ .02	32	30	0	SE	4	b	*	?	28	-		
† Sumburgh Head																			
† Stornoway																			
Wick	29.71	39	S	9	ow	29.67	- .15	41	40	+ 3	S	5	ow	7	45	36	0.05		
Nairn	29.65	43	S	3	o	29.64	- .16	47	43	+ 2	S	4	o	2	50	43	-		
† Aberdeen	29.83	38	S	9	og	29.78	- .16	40	39	+ 1	S	6	o	7	41	37	0.25		
Leith	29.73	44	S	5	o	29.73	- .17	41	39	+ 1	SW	1	c	*	46	38	-		
† Shields	29.86	39	SSE	6	o	29.85	- .15	41	40	+ 4	S	3	omv	4	42	36	0.04		
Spurn Head	29.94	39	S	6	b	29.90	- .13	39	38	+ 1	S	5	b	5	40	37	-		
York	29.92	40	SE	3	c	29.88	- .14	40	39	+ 1	ESE	1	b	*	45	38	-		
Nottingham	29.89	40	ESE	3	o	29.88	- .10	40	39	+ 1	ESE	2	b	*	47	38	0.02		
† Ardrossan	29.66	45	SW	5	op	29.79	.00	45	44	+ 1	W	1	r	1	46	43	0.05		
† Mullaghmore	29.40	52	S	8	c	29.78	+ .20	44	42	- 2	WNW	4	cg	3	50	41	0.47		
Donaghadee	29.64	45	SSE	5	r	29.73	.00	45	45	+ 1	N	4	r	2	47	42	0.21		
Parsonstown	29.84	39	S	2	c	29.82	+ .21	42	42	- 4	NW	1	r	*	58	41	0.32		
Barrow-in-Furness	29.79	44	ESE	6	r	29.80	- .08	44	43	+ 3	E	5	og	4	45	40	0.21		
† Holyhead	29.68	49	SE	3	m	29.74	- .03	49	49	+ 1	SE	1	d	1	50	47	0.06		
Liverpool (Bilston)	29.77	45	ESE	5	r	29.79	- .12	43	42	+ 2	ESE	4	o	1	45	41	0.18		
† Valentia	29.48	52	S	4	op	29.89	+ .45	46	42	- 4	NW	5	cg	5	53	43	0.25		
Roche's Point	29.59	49	SSE	5	o	29.82	+ .27	45	42	- 3	NNW	5	c	4	53	43	0.68		
Pembroke	29.67	46	SE	4	f	29.73	+ .01	45	44	- 1	SE	3	fd	3	46	44	0.34		
† Scilly	29.69	51	S	5	of	29.75	+ .04	50	50	- 1	NW	5	ofd	4	52	48	0.10		
Prawle Point	29.79	47	SSE	3	r	29.77	- .06	46	46	0	NNE	3	o	3	48	44	0.44		
Hurst Castle	29.85	45	SE	4	omv	29.80	- .11	43	42	- 1	SE	3	bc	3	48	42	0.02		
† Dover	29.91	45	ENE	3	b	29.88	- .23	39	36	- 2	SE	4	bc	3	46	37	-		
† London	29.90	45	ESE	4	o	29.87	- .11	40	38	- 1	SE	2	o	*	53	39	-		
Oxford	29.87	44	ESE	3	o	29.84	- .12	41	40	+ 1	E	1	c	*	50	40	0.03		
Cambridge	29.94	44	SSE	1	o	29.88	- .13	40	38	0	SSE	1	o	*	49	38	-		
† Yarmouth	29.92	40	ESE	3	bc	29.92	- .14	38	36	+ 1	SE	5	bc	5	41	35	-		
The Helder	30.10	36	ESE	2	b	30.07	- .09	37	32	- 1	ESE	3	b	2	41	32	-		
Cape Gris Nez	29.93	46	ESE	1	c	29.83	- .21	35	33	- 5	SE	5	bc	3	52	?	-		
† Jersey	29.85	49	SE	1	c	29.77	- .14	50	49	+ 3	NE	1	cm	2	52	46	-		
Brest																			
Lorient	29.78	49	S	5	m	29.68	- .17	48	48	0	NE	3	m	3	50	46	0.12		
† Rochefort	29.80	9	ESE	3	bc	29.72	- .28	30	48	0	E	1	o	0	63	45	-		
Biarritz	29.71	63	NE	5	c	29.69	- .17	57	52	+ 8	W	3	o	2	7	45	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	*	*	35	31	0	E	5	b	*	48	32	-		
Charleville	29.98	43	SE	4	b	29.90	- .10	33	30	- 3	SE	7	b	*	54	33	-		
Paris	29.47	57	ENE	4	b	29.80	- .16	40	38	- 6	E	3	bc	*	*	*	-		
Lyons	29.78	53	NNE	1	bc	29.78	- .15	40	39	- 3	N	1	m	*	60	39	-		
Toulon	29.81	53	Z	0	b	29.83	+ .03	50	50	+ 1	E	7	o	4	57	46	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.55	38	W	3	o	28.58	- .10	37	37	+ 3	ENE	4	o	*	39	33	0.52		

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sen.		Bar.	Dry.	Wet.	Wind.	Wca.	Sen.
Skudesnaes ...	30.25	33	32	SSE	8	c	Valentia ...						
Sumburgh Head ...							Scilly ...						
Stornoway ...							Dover ...						
Aberdeen ...							London ...						*
Shields ...							Yarmouth ...						
Ardrossan ...							Jersey ...						
Mullaghmore ...							Rochefort ...	29.82	50	53	E	1	0
Holyhead ...													

EXPLANATION OF COLUMNS.

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.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

TUESDAY, 15TH MARCH.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s/per quarter.
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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Tuesday 15th March

1881

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ force above 10; → force 8 to 10
→ force 5 to 7; → force 1 to 4
○ = dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast; thus - Rough; - High.

MEAN* HEIGHT of the BAROMETER for the month of March

Stations.	Mean Readings Inch.
Nairn	29.853
Aberdeen	29.858
Leith	29.888
Scarborough	29.912
Ardrossan	29.894
Greenock	29.889
Holyhead	29.897
Valentia	29.917
Rock's Pt.	29.973
Plymouth	29.947
LONDON	29.940
Yarmouth	29.925

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

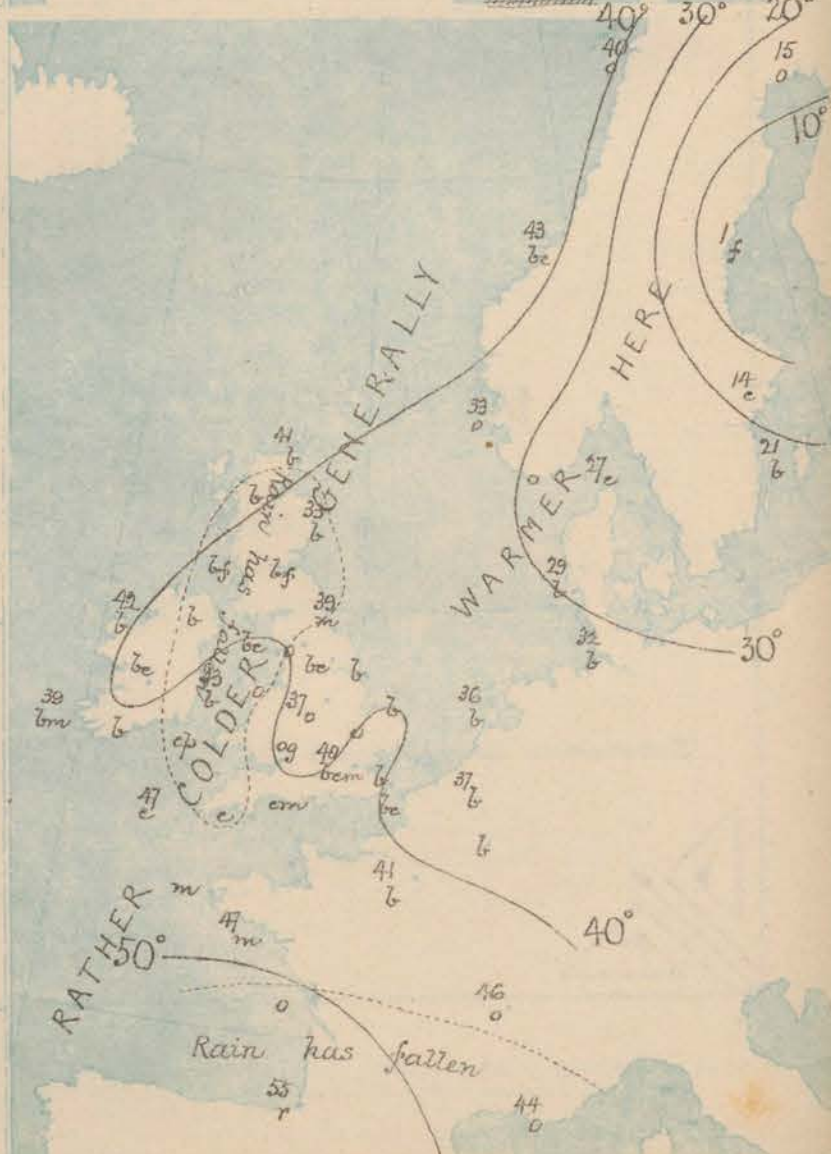
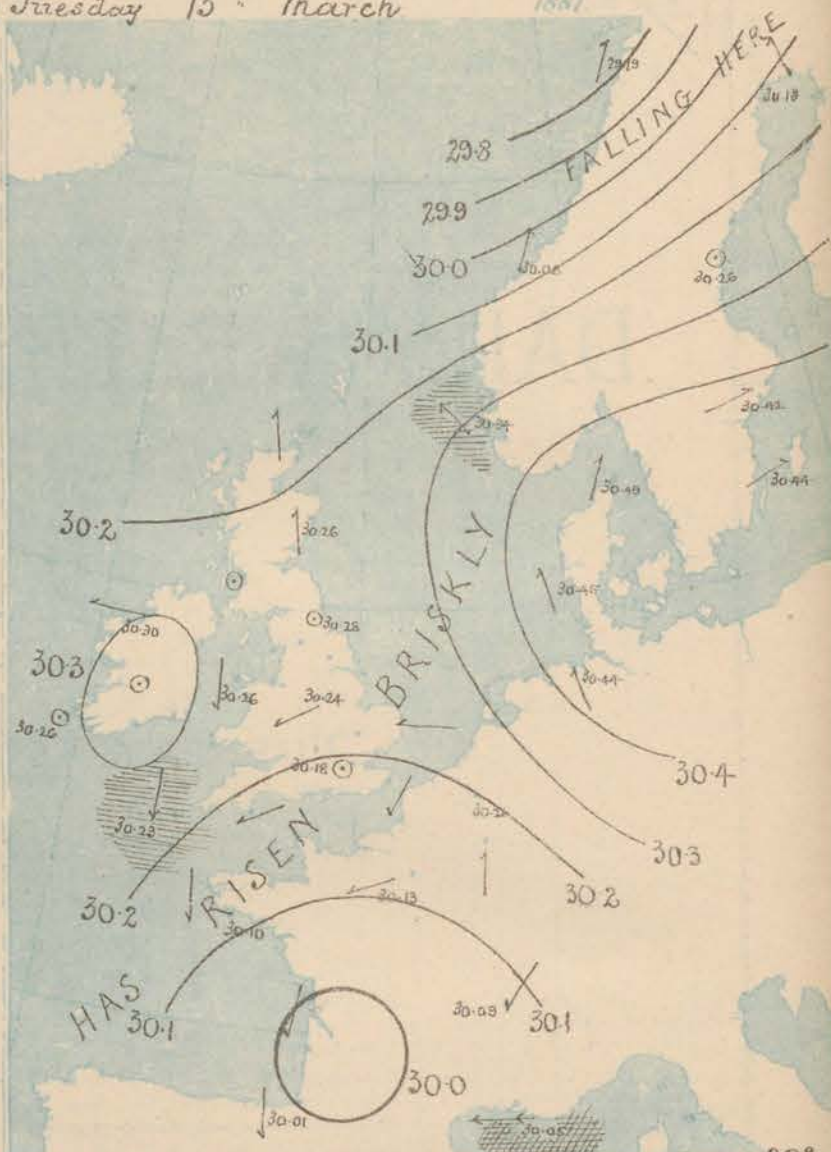
Temperature isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of March

Stations	Temp	Rain-Fall
Sunderland Head	38.6	1.22
Sourabaya	39.5	4.20
Aberdeen	40.2	1.84
Shields	40.6	1.63
York	40.9	1.64
Mullaghmore	42.3	0
Holyhead	43.4	2.12
Parsanstown	42.7	2.29
Valentia	44.7	4.36
Silly (St. Mary's)	47.2	2.18
Ilurst Castle	43.4	0
Dover	42.9	2.03
LONDON	42.7	1.96
Yarmouth	41.9	1.91

* The mean Temperatures are those for the 23 years 1857-79; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for TUESDAY, 15TH MARCH. 1861, at 8 a.m.

A further and considerable increase of pressure has taken place over the whole of Western Europe during the past twenty-four hours, but in the extreme norths of Scandinavia the mercury has fallen. The general distribution of pressure is unaltered, areas of high readings being reported from Ireland and the south of Scandinavia and of low readings from France and to the N^W of Scotland. The wind is light or moderate in force in nearly all places but varies a good deal in direction; it blows from E over England, from N on our south-west coasts and over the Bay of Biscay, and from S to SE over the countries to the E^W of the North Sea. Temperature has risen over Scandinavia, Denmark, North Germany and our south-eastern stations, but has fallen elsewhere, the change in the west and north being considerable; readings at present range from 47° at Lillie to 32° at Leith and 31° at Parsonstown, while in the Gulf of Bothnia the thermometer is as low as 1° F. During last night slight frost was experienced in the east of Scotland and at Parsonstown and Cambridge. The weather is fine and bright in nearly all places, but is dull over Central England and dull and wet in the south-west of France. Slight rain has fallen in the north-west and north-east. Sea is slight except at Lillie.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

16TH MARCH.

ISSUED AT 11 a.m. on previous day

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^W and W ^W breezes, light; fine, mild.
2 SCOTLAND EAST	— — — — —
3 ENGLAND N.E.	Light variable breezes; fair, some fog.
4 ENGLAND EAST	Light E ^W and NE ^W breezes; fine, on the whole, but some cloud and haze. Cold night.
5 MIDLAND COUNTIES	— — — — —
6 ENGLAND SOUTH	— — — — —

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Calm and W ^W breezes; fair, mild.
7 ENGLAND N.W.	N ^W winds, moderate; cloudy, fair.
8 ENGLAND S.W.	— — — — —
9 IRELAND NORTH	W ^W and NW ^W breezes, light; fine.
10 IRELAND SOUTH	Variable breezes to S ^W winds; fair.
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 15th MARCH 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.						PAST 24 HOURS.					
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.	Force. (0 to 12).	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.		Dir.	Force. (0 to 12).			Max.	Min.	
Haparanda ...	30.24	12	S	2	b	30.13	—	.20	15	15	+ 15	S	4	0	*	16	0	—
Hernösand ...	30.27	4	Z	0	b	30.26	—	.05	1	0	— 6	Z	0	f	*	28	—4	—
Stockholm ...	30.41	21	WSW	2	b	30.42	—	.01	14	14	— 7	WSW	4	c	*	30	12	—
Wisby ...	30.39	18	WSW	2	b	30.44	+	.06	21	26	+ 4	WSW	2	b	*	30	3	—
Bodö ...	29.94	37	ENE	2	c	29.79	—	.13	49	40	+ 7	SSW	4	0	3	?	32	—
Christiansund ...	29.95	33	N	1	b	30.06	+	.13	43	37	+ 7	SSW	5	b	4	45	25	—
† Skudesnaes ...	30.21	38	S	9	o	30.34	+	.13	33	31	+ 2	SE	6	0	6	?	?	—
Oxö (Xämsund) ...	30.30	27	NE	4	o	30.43	+	.11	29	28	+ 3	NE	1	0	1	?	?	—
Skagen (The Skaw) ...	30.43	27	S	4	o	30.49	+	.11	27	25	+ 1	SSW	3	c	2	30	25	—
Fanö ...	30.31	30	SE	6	b	30.45	+	.16	29	28	+ 2	SSE	4	b	*	32	27	—
Cuxhaven ...	30.23	37	SE	4	b	30.44	+	.17	32	31	0	SSE	3	b	*	?	30	—
† Sumburgh Head ...																		
† Stornoway ...																		
Wick ...	29.96	41	NNW	2	b	30.09	+	.42	41	39	0	S	1	b	3	45	37	—
Nairn ...	30.02	40	S	1	b	30.18	+	.54	41	38	— 6	S	1	b	0	48	37	0.07
† Aberdeen ...	30.03	41	Z	0	m	30.26	+	.48	43	31	— 7	S	1	b	4	41	29	0.03
Leith ...	30.00	44	E	1	c	30.29	+	.86	32	31	— 9	W	1	b	*	55	29	0.03
† Shields ...	29.99	41	SE	2	o	30.28	+	.43	39	39	— 2	Z	0	m	2	45	38	0.01
Spurn Head ...	29.91	39	SE	4	c	30.24	+	.34	41	40	+ 2	NE	2	b	3	41	36	—
York ...	30.00	43	E	1	c	30.27	+	.39	35	34	— 5	NE	1	b	*	45	33	—
Nottingham ...	30.01	44	E	1	b	30.24	+	.36	37	37	— 3	ENE	2	0	*	50	35	—
† Ardrossan ...	30.04	45	NW	2	b	30.29	+	.58	36	35	— 9	Z	0	b	1	48	33	0.03
† Mullaghmore ...	30.09	45	W	2	b	30.30	+	.82	42	41	— 2	E	1	b	3	48	41	—
Donaghadee ...	30.09	43	N	3	b	30.30	+	.57	39	37	— 6	NW	3	b	1	45	34	0.14
Parsonstown ...	30.11	47	NW	1	b	30.35	+	.53	31	31	— 11	Z	0	b	*	51	29	—
Barrow-in-Furness ...	29.99	45	N	3	o	30.23	+	.43	42	41	— 2	NE	2	b	3	46	40	0.28
† Holyhead ...	30.02	44	N	5	o	30.26	+	.52	43	43	— 6	N	4	0	3	49	42	0.03
Liverpool (Bldston) ...	29.98	43	W	1	o	30.26	+	.47	43	42	0	NNE	1	0	1	50	42	0.07
† Valentia ...	30.16	48	NNW	2	b	30.26	+	.37	39	39	— 7	Z	0	b	1	52	35	—
Roche's Point ...	30.11	47	NNW	4	b	30.33	+	.51	42	39	— 3	NNW	3	b	3	50	38	—
Pembroke ...	30.00	45	N	5	c	30.21	+	.48	44	42	— 1	NNE	2	c	1	45	40	0.13
† Scilly ...	30.03	46	N	6	b	30.23	+	.48	47	44	— 3	N	6	c	5	?	44	—
Prawle Point ...	29.94	46	W	2	c	30.19	+	.42	44	43	— 2	NNE	3	c	3	48	43	0.03
Hurst Castle ...	29.93	44	SW	3	b	30.15	+	.35	45	43	+ 2	ENE	4	c	3	48	36	—
† Dover ...	29.92	45	E	3	b	30.16	+	.28	42	39	+ 3	ESE	3	b	2	46	36	—
† London ...	29.94	45	SE	2	b	30.18	+	.31	40	38	0	E	1	b	*	49	35	—
Oxford ...	30.01	41	ENE	1	b	30.23	+	.39	34	33	— 7	NNW	1	0	*	52	33	—
Cambridge ...	29.96	41	E	1	c	30.21	+	.33	36	36	— 4	N	1	0	*	48	29	—
† Yarmouth ...	29.98	41	SE	3	b	30.22	+	.30	40	39	+ 2	E	3	b	3	42	36	—
The Helder ...	30.08	40	ESE	2	b	30.27	+	.20	36	34	+ 4	ESE	2	b	1	43	32	—
Cape Gris Nez ...	29.89	44	ENE	4	b	30.13	+	.30	38	35	+ 3	NE	1	b	1	50	34	—
† Jersey ...	29.91	48	SE	2	b	30.17	+	.40	43	41	— 7	N	2	c	2	55	42	—
Brest ...	29.93	49	N	5	t	30.16	+	.45	44	44	—	N	4	m	3	54	43	—
Lorient ...	29.84	52	NE	1	m	30.10	+	.42	47	46	— 1	N	4	m	4	55	45	—
† Rochefort ...	29.84	55	NNW	3	c	30.00	+	.28	51	51	+ 2	NNE	4	0	2	63	43	0.16
Biarritz ...	29.85	55	S	1	c	30.01	+	.32	55	52	— 2	N	4	t	2	63	30	0.16
Corunna ...	*	*	*	*	*											*	*	*
Brussels ...	*	*	*	*	*	30.21	?		37	33	+ 2	ESE	3	b	*	49	35	—
Charleville ...	29.93	46	S	4	o	30.26	+	.46	35	30	+ 2	S	4	b	*	57	33	—
Paris ...	29.86	53	E	3	c	30.13	+	.33	41	40	+ 1	ENE	1	b	*	*	*	—
Lyons ...	29.84	53	E	1	b	30.09	+	.31	46	45	+ 6	ENE	1	0	*	59	?	—
Toulon ...	29.88	47	E	8	r	30.05	+	.22	44	43	— 6	E	8	0	7	52	43	0.24

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.72	43	N	2	o	28.99	+	.41	38	37	+ 1	N	3	0	*	45	36	0.03
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.
Skudesnaes ...	30.15	38	29	SSE	9	0	7	Valentia ...	30.07	50	45	NN	4	b	4
Sumburgh Head								Scilly ...	29.92	48	46	N	6	0	5
Stornoway ...								Dover ..	29.88	44	42	ESE	3	b	2
Aberdeen ...	29.91	41	40	SW	3	don	6	London ...	29.89	46	41	SE	2	c	*
Shields ...	29.92	45	42	SSE	3	0	3	Yarmouth ...	29.95	41	38	SE	4	b	4
Ardrossan ...	29.92	45	44	WNW	1	b	1	Jersey ...	29.83	54	51	ENE	2	c	2
Mullaghmore ...	29.98	48	45	WNW	4	b	3	Rochefort ...	29.74	60	57	SW	3	c	0
Holyhead...	29.91	44	44	N	6	0	5								

An increase of pressure is reported from all places except Scandinavia, and moderately fine weather prevails except in the NE, and at some W. stations. The winds vary a good deal.

EXPLANATION OF COLUMNS.

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.
 † The evening observations are taken at 6 p.m. in our Islands except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

F O R

WEDNESDAY, 16TH MARCH.

1881.

ISSUED BY THE
METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for N. A. M. on WEDNESDAY 16th MARCH. 1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

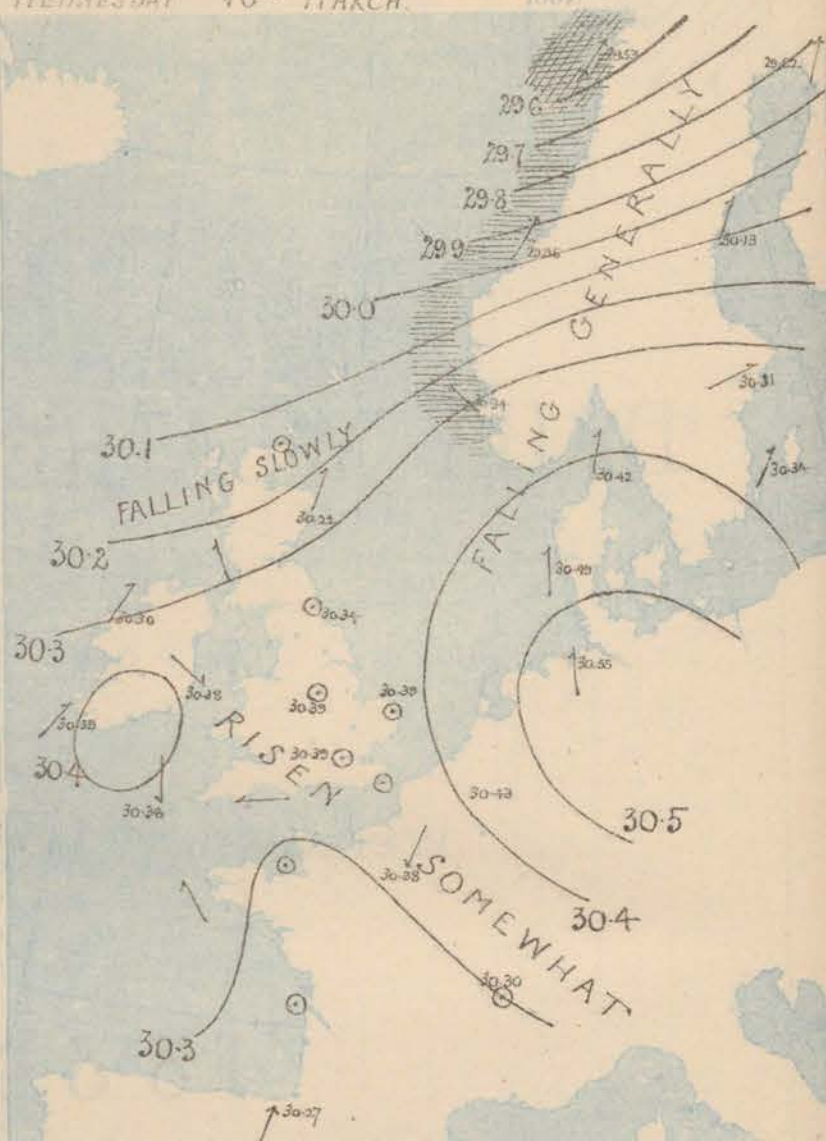
Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
— forces above 10; — forces 8 to 11; — forces 5 to 7; — forces 1 to 4.
© — dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough, — High.

MEAN HEIGHT of the BAROMETER for the month of March

Stations.	Mean Readings In.
Nurn	29.853
Aberdeen	29.858
Leith	29.868
Scarborough	29.912
Ardrossan	29.894
Greenacres	29.880
Holyhead	29.897
Valencia	29.917
Roch's Pt.	29.973
Plymouth	29.947
LONDON	29.940
Vermouth	29.955

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

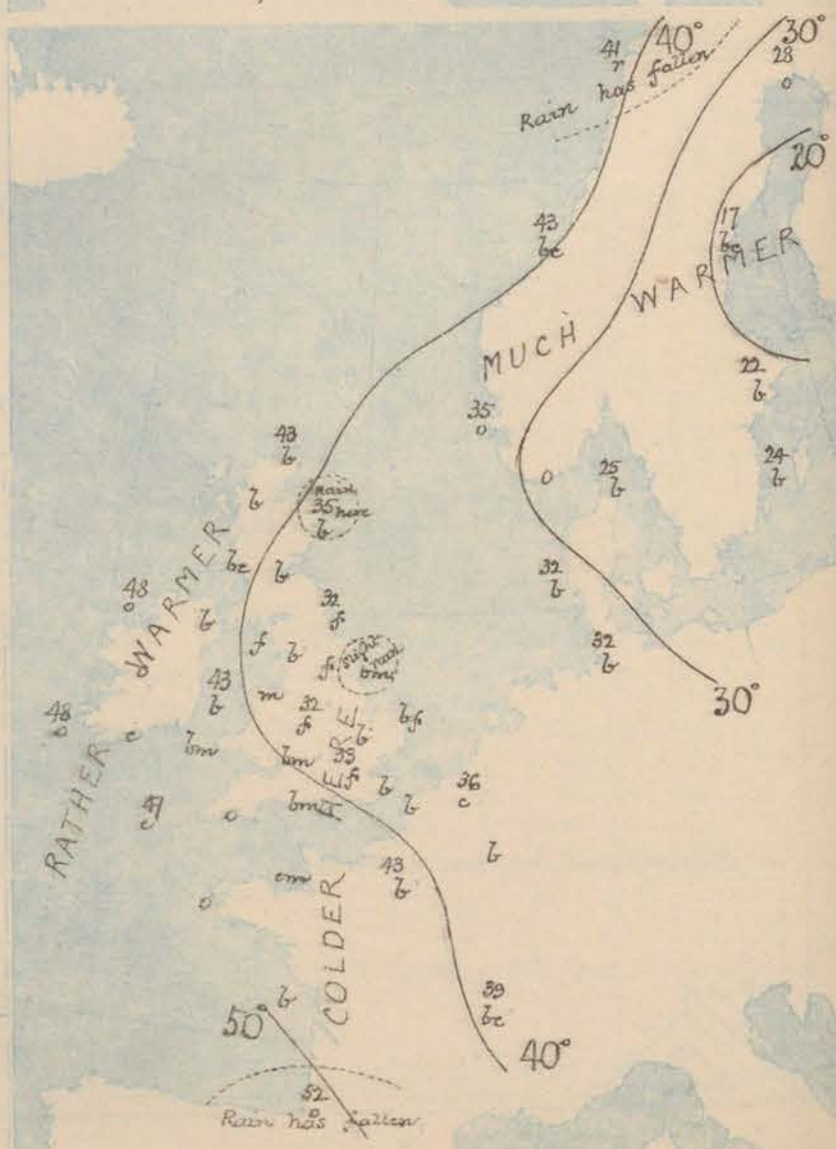
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE AND RAINFALL for the month of March

Stations	Temp	Rain Fall
Sandwich Head	38.6	1.22
Sherway	38.5	1.30
Aberdeen	40.2	1.86
Shields	40.6	1.63
York	40.8	1.34
Mullingmore	45.3	?
Holyhead	43.4	2.12
Piercestown	41.7	2.39
Valencia	41.7	4.15
Silly (St. Mary's)	47.1	2.18
Hurst Castle	45.5	?
Dover	47.9	2.03
LONDON	42.7	1.46
Vermouth	44.0	1.31

The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866-75.



REMARKS

For WEDNESDAY, 16TH MARCH, 1881, at 8 a.m.

The decrease of pressure which had commenced in the north of Norway yesterday has continued and spread to all the countries to the E^W of the North Sea and to the north of Scotland, while elsewhere the increase has continued, the change being greatest over France.

The distribution, though somewhat modified, is not much changed, areas of high pressure being reported from North Germany and South Ireland, and of low pressure from North Norway and over France. A SW^{ly} current prevails over Ireland, Scotland and Scandinavia, calms over Central England and variable breezes elsewhere. In the west of Norway the wind is strong to a gale, but elsewhere it is very light. Temperature has fallen over the eastern and central parts of England, risen in most other places, and readings range from 48° at Valentia to 31° at York. Last night the thermometers fell to 28° over Central England. The weather is very fine in nearly all parts of Western Europe except Ireland, where the sky is overcast, Central England, where dense fog prevails, and the extreme west of Norway where rain is falling. The weather has been very dry. The sea is slight except on the Norwegian coast, where it is very rough.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

17TH MARCH.

ISSUED AT 11 a.m. on previous day

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SW ^{ly} breezes, moderate or light; fine, mild.
2 SCOTLAND EAST	— — — — —
3 ENGLAND N.W.	Variable airs to SW ^{ly} breezes; foggy to fine.
4 ENGLAND EAST	Very light breezes, variable in direction; fine, local fogs.
5 MIDLAND COUNTIES	— — — — —
6 ENGLAND SOUTH	— — — — —

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SW ^{ly} breezes, light; fine to cloudy.
7 ENGLAND N.W.	Variable breezes to SW ^{ly} winds; fine.
8 ENGLAND S.W.	Calms and variable breezes; cloudy, hazy.
9 IRELAND NORTH	Same as no 6.
10 IRELAND SOUTH	Same as no 6.
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 16th MARCH 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 8).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	30.06	7	S	2	c	29.82	- .41	28	27	+ 18	SW	6	0	*	28	?	-		
Hernösand ...	30.27	7	Z	0	bc	30.13	- .13	17	16	+ 16	SSW	2	0	*	32	- 4	-		
Stockholm ...	30.41	23	WSW	2	b	30.31	- .11	22	21	+ 8	WSW	2	0	*	30	12	-		
Wisby ...	30.40	27	W	2	b	30.34	- .10	24	23	+ 3	WSW	2	0	*	32	12	-		
Bodö ...	29.66	47	SW	9	0	29.53	- .26	41	41	+ 1	SW	9	+	8	47	34	0.24		
Christiansund...	30.07	42	SW	4	c	29.95	- .11	43	37	0	SW	6	0	5	45	36	-		
†Skudesnaes ...	30.42	34	S	8	bc	30.34	- .00	35	33	+ 2	SE	5	0	5	36	?	-		
Oxö (Xiänsund) ...	30.47	25	WNW	1	b	30.36	- .07	26	26	- 3	NNW	1	0	1	34	23	-		
Skagen (The Skaw)	30.32	32	SSW	3	b	30.47	- .07	25	23	- 2	SW	3	0	3	34	23	-		
Fanö ...	30.34	30	SSE	2	b	30.49	+ .04	32	30	+ 3	S	2	0	*	39	25	-		
Cuxhaven ...	30.58	39	SE	1	b	30.55	+ .11	32	31	0	S	1	0	*	?	28	-		
†Sumburgh Head																			
†Stornoway																			
Wick ...	30.21	47	SW	2	bc	30.13	- .06	43	42	+ 2	Z	0	0	2	2.60	38	-		
Nairn ...	30.22	47	S	2	bc	30.16	- .02	45	42	+ 4	S	1	0	1	52	40	-		
†Aberdeen ...	30.28	41	S	2	b	30.22	- .04	35	34	+ 2	SSW	1	0	2	47	30	0.01		
Leith ...	30.31	50	W	1	bc	30.30	+ .01	38	37	+ 6	W	1	0	*	34	30	-		
†Shields ...	30.34	40	SSE	1	bc	30.34	+ .06	32	32	- 7	Z	0	f	2	44	30	-		
Spurn Head	30.35	39	ENE	2	b	30.38	+ .14	35	35	- 6	Z	0	bm	0	45	28	0.01		
York ...	30.35	46	ESE	1	b	30.39	+ .12	31	31	- 4	Z	0	f	*	53	28	-		
Nottingham	30.35	44	ENE	1	b	30.39	+ .15	32	31	- 5	Z	0	f	*	51	28	-		
†Ardrossan ...	30.33	45	Z	0	b	30.33	+ .04	41	40	+ 5	SSE	1	0	0	32	34	-		
†Mullaghmore ...	30.32	49	WSW	4	cm	30.30	00	48	45	+ 6	SW	4	0	2	54	44	-		
Donaghadee ...	30.35	46	SW	1	b	30.35	+ .05	40	38	+ 1	SW	2	0	0	31	34	-		
Parsonstown ...	30.37	50	NNW	1	c	30.40	+ .05	43	42	+ 12	SSW	1	0	*	36	31	-		
Barrow-in-Furness	30.31	47	NNW	3	b	30.36	+ .13	36	36	+ 6	E	2	f	3	53	34	-		
†Holyhead ...	30.34	44	N	2	b	30.38	+ .12	43	43	0	NN	2	0	1	46	39	-		
Liverpool (Bidston)	30.33	42	WNW	1	b	30.37	+ .11	39	38	- 4	Z	0	m	1	50	37	-		
†Valentia ...	30.39	50	SW	2	0	30.39	+ .13	48	46	+ 9	SW	1	0	1	34	38	-		
Roche's Point...	30.36	52	NNW	3	b	30.42	+ .09	45	43	+ 3	NNW	2	0	2	55	42	-		
Pembroke ...	30.28	45	N	3	bc	30.34	+ .13	41	41	- 3	E	1	bm	1	49	39	-		
†Scilly ...	30.34	48	N	5	bc	30.36	+ .13	47	44	0	N	4	c	4	48	46	-		
Prawle Point	30.28	46	NNE	2	c	30.36	+ .17	43	42	- 1	NNE	2	0	2	53	40	-		
Hurst Castle ...	30.25	47	NW	2	bc	30.37	+ .22	49	47	+ 4	E	1	bm	1	52	37	-		
†Dover ...	30.52	46	ENE	3	b	30.39	+ .23	39	37	- 3	NE	1	0	0	48	36	-		
†London ...	30.30	46	ESE	2	b	30.39	+ .21	33	32	- 7	S	1	f	*	55	32	-		
Oxford ...	30.34	44	NE	2	b	30.40	+ .17	34	34	0	NNE	1	bm	*	31	32	-		
Cambridge ...	30.39	46	ESE	1	b	30.41	+ .20	33	32	- 3	ESE	1	0	*	55	28	-		
†Yarmouth ...	30.33	42	ENE	1	b	30.39	+ .17	40	39	0	Z	0	bf	2	44	37	-		
The Helder																			
Cape Gris Nez	30.27	46	ENE	1	b	30.37	+ .24	39	34	+ 1	SE	3	0	1	55	37	-		
†Jersey ...	30.28	47	N	1	bc	30.28	+ .11	47	46	+ 4	ENE	1	cm	1	57	42	-		
Brest ...	30.29	47	NNE	4	0	30.35	+ .19	41	40	- 4	SE	*	0	2	50	39	-		
Lorient ...						30.31													
†Rochefort ...	30.19	57	ENE	3	0	30.28	+ .28	48	48	- 4	NE	1	0	1	63	43	-		
Biarritz ...	30.17	54	NNW	7	+	30.27	+ .26	52	50	- 3	SW	5	0	4	55	46	0.36		
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	30.43	+ .52	36	33	- 1	SE	3	c	*	57	33	-		
Charleville ...	30.30	49	SSE	4	b	30.40	+ .04	32	30	- 3	SE	1	0	*	61	?	-		
Paris ...	30.23	36	NNE	1	b	30.38	+ .25	43	40	+ 2	NE	1	0	*	*	*	-		
Lyons ...	30.15	36	N	1	bc	30.30	+ .24	39	36	- 7	E	1	0	*	61	37	-		
Toulon ...	30.19	49	E	5	0	30.32	+ .27	46	41	+ 2	ENE	4	0	5	52	43	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.06	47	ESE	3	b	29.09	+ .10	35	34	- 3	Z	0	0	0	49	31	-		

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnaes ...	30.42	35	33	SSE	8	0	5	Valentia ...	30.39	52	47	SW	2	0	3
Sumburgh Head								Scilly ...	30.39	47	45	N	5	0	5
Stornoway ...								Dover ..	30.33	46	41	E	3	0	1
Aberdeen ...	30.28	43	41	S	3	0	4	London ...	30.24	53	45	E	2	bc	*
Shields ...	30.33	43	41	NE	1	0	3	Yarmouth ...	30.28	43	41	E	1	0	3
Ardrossan ...	30.33	49	42	Z	0	0	0	Jersey ...	30.24	48	46	N	2	0	2
Mullaghmore ...	30.32	34	49	WSW	3	cm	3	Rochefort ...	30.13	62	56	E	4	0	2
Holyhead ...	30.33	46	46	NNE	3	0	2								

Pressure is increasing a little generally, and conditions remain apparently quiet and settled.

EXPLANATION OF COLUMNS.

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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Received too late for insertion in Chart



DAILY WEATHER REPORT

F O R

THURSDAY, 17TH MARCH.

1881.

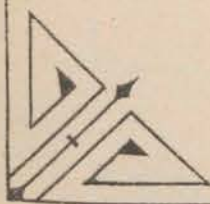
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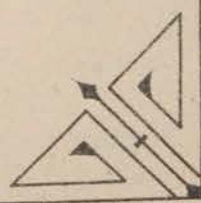
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ROBERT H. SCOTT
(SECRETARY.)



Printed by Dangerfield, Linn 22, Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Thursday 17th March

BAROMETER, WIND & SEA

Explanation of Map.

Barometer Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

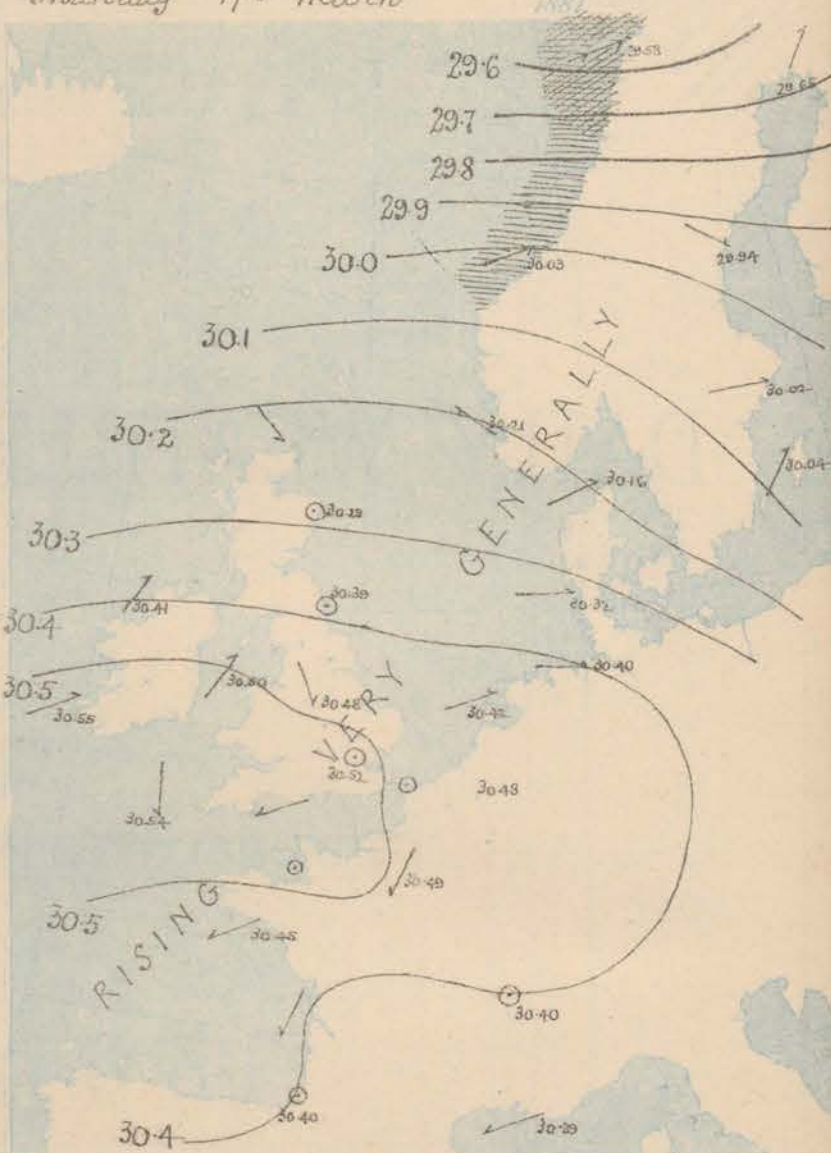
Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ force above 10; → force 8 to 10;
→ force 5 to 7; → force 1 to 4.
○ = dead calm.

Sea Disturbance, where considerable, is shown by shading red in the coast; thus: Rough, High.

MEAN HEIGHT of the BAROMETER for the month of March

Stations.	Mean Readings
Nairn	29.853
Aberdeen	29.858
Leith	29.865
Scarborough	29.912
Ardrrossan	29.894
Greenock	29.899
Holyhead	29.892
Valencia	29.917
Roshe's Pt.	29.973
Plymouth	29.997
LONDON	29.940
Vermouth	29.925

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

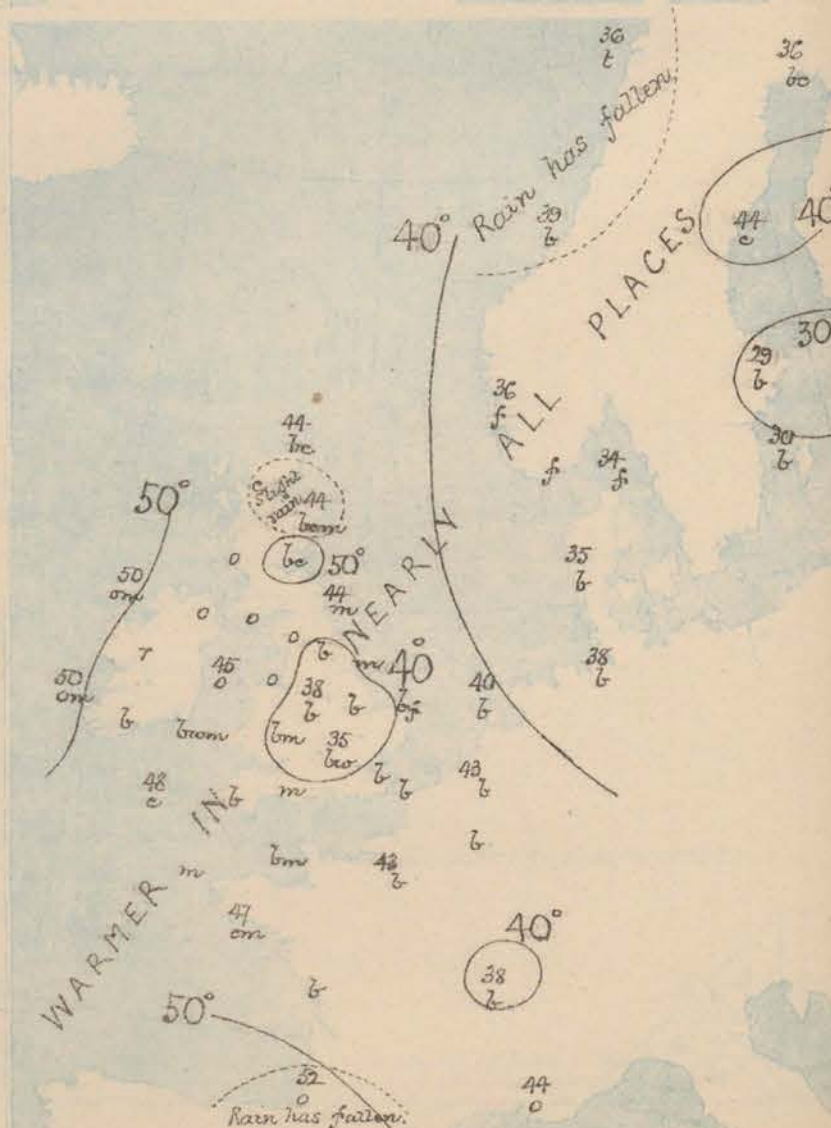
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE AND RAINFALL for the month of March

Stations	Temp	Rain Fall
Sandburgh Head	38.6	1.22
Bornmouth	39.5	4.79
Aberdeen	40.2	2.15
Shedda	40.6	1.25
York	40.9	1.50
Mullaghmore	42.3	1
Holyhead	42.4	2.72
Parsonstown	42.7	2.29
Valencia	43.7	4.18
Sally (St Mary's)	43.7	2.18
Hurst Castle	43.5	0
Dover	42.0	2.03
LONDON	42.7	1.46
Vermouth	41.0	1.02

The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for THURSDAY, 17th MARCH. 1881. at 8.11 AM

The large depression noticed in the north of Scandinavia yesterday appears to be passing away End, and the mercury is recovering in Norway, while it still falls in Sweden. Over the whole of these Islands and France pressure is still increasing, and a large area, in which readings are as high as 30.5 ins. lies over the south of England and Ireland. W^{ly} winds prevail over the whole of the northern parts of these Islands and Scandinavia, blowing lightly or moderately on our coasts, but reaching a gale in Norway, while light N^{ly} and NE^{ly} winds are reported over the south of England and France. The cloudy weather in the west seems to be spreading slowly over us but at all our eastern and south eastern stations as well as over the greater part of the continent the sky is nearly clear of clouds, though a good deal of mist prevails. Slight rain has fallen in the extreme north of Scotland, but elsewhere the weather has been dry. Temperature has risen, and ranges from 50° at Valentia and 51° at Leith to 35° in London. Slight frost was again experienced at some eastern stations last night. The sea is slight.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon on the

18th MARCH.

(ISSUED AT 11 A.M. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	W ^{ly} winds, moderate or light; weather rather cloudy but mild and fair.
2 SCOTLAND EAST	
3 ENGLAND N.E.	
4 ENGLAND EAST	Light W ^{ly} and NW ^{ly} airs; fine.
5 MIDLAND COUNTIES	W ^{ly} breezes and variable airs; fair; mild.
6 ENGLAND SOUTH	Light N ^{ly} and NE ^{ly} breezes or variable airs; fair. Night cold and hazy.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SW ^{ly} breezes, moderate; dull, mild, misty.
7 ENGLAND N.W.	
8 ENGLAND S.W.	N ^{ly} and E ^{ly} breezes, light; fine, misty.
9 IRELAND NORTH	SW ^{ly} and S ^{ly} breezes, light and moderate, cloudy, misty.
10 IRELAND SOUTH	
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 17th MARCH 1881.

† YESTERDAY EVENING.											8 A.M. TO DAY.										EAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.							
			Dir.	Force. (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.								
Haparanda	29.65	26	SW	4	o	29.65	—	17	36	34	+	4	SW	4	b	36	3	—						
Hernösand	29.95	25	S	2	o	29.94	—	19	44	38	+	27	WNW	4	c	46	10	—						
Stockholm	30.14	31	SW	2	o	30.02	—	29	29	27	+	7	W	2	b	39	12	—						
Wisby	30.13	31	WSW	2	o	30.04	—	30	30	27	+	6	WSW	2	b	37	16	—						
Bodö	29.41	44	SW	9	r	29.38	+	25	36	35	—	5	W	9	b	41	36	0.35						
Christiansund	29.88	42	WSW	9	r	30.03	+	28	37	37	—	4	WSW	7	b	46	30	0.20						
Skudesnaes	30.24	37	S	8	o	30.21	—	13	36	35	+	1	ESE	2	f	37	?	—						
Oxö (Christiansund)	30.28	31	SW	2	m	30.19	—	17	33	33	+	7	SW	2	f	?	?	—						
Skagen (The Skaw)	30.29	31	SW	3	o	30.16	—	26	34	34	+	9	WSW	4	f	34	25	—						
Fanö	30.40	32	SW	1	o	30.22	—	17	35	32	+	3	W	3	b	37	32	—						
Cuxhaven	30.26	42	E	1	o	30.40	+	21	38	36	+	5	W	1	b	?	30	—						
† Sumburgh Head																								
† Stornoway																								
Wick	30.10	30	SW	3	o	30.13	+	10	44	43	+	1	NW	2	b	36	39	—						
Nairn	30.17	44	Z	0	o	30.26	+	10	44	41	—	1	Z	0	c	34	44	0.10						
† Aberdeen	30.22	47	SW	1	o	30.29	+	07	44	43	+	9	Z	0	b	36	34	0.08						
Leith	30.02	38	WNW	1	o	30.34	+	04	51	49	+	13	W	2	b	34	37	—						
† Shields	30.34	50	WNW	2	o	30.39	+	05	44	43	+	12	Z	0	m	35	34	—						
Spurn Head	30.36	43	SE	3	o	30.45	+	07	41	39	+	6	W	3	m	47	35	—						
York	30.36	47	S	1	o	30.45	+	06	39	38	+	8	WSW	1	b	51	31	—						
Nottingham	30.39	48	ENE	2	o	30.48	+	29	38	37	+	6	NNW	1	b	59	30	—						
† Ardrossan	30.33	45	SW	2	o	30.37	+	04	45	44	+	4	SW	3	o	48	40	—						
† Mullaghmore	30.32	51	SW	5	o	30.41	+	11	38	49	+	2	SW	4	om	55	48	—						
Donaghadee	30.37	50	SW	2	o	30.42	+	07	49	49	+	9	WSW	3	o	51	39	—						
Parsonstown	30.41	51	WSW	1	o	30.51	+	11	48	48	+	5	WSW	1	r	58	42	—						
Barrow-in-Furness	30.38	45	WSW	2	o	30.44	+	08	45	44	+	9	WSW	3	o	51	35	—						
† Holyhead	30.42	46	WSW	2	o	30.50	+	12	45	44	+	2	SW	3	o	48	42	—						
Liverpool (Ridston)	30.42	45	WNW	1	o	30.49	+	12	47	43	+	8	SW	2	o	48	39	—						
† Valentia	30.44	38	WSW	3	om	30.55	+	16	38	49	+	2	WSW	1	om	55	46	—						
Roche's Point	30.46	42	NW	1	o	30.55	+	13	46	44	+	1	WNW	1	b	55	44	—						
Pembroke	30.39	46	NW	1	o	30.50	+	16	45	43	+	4	NW	1	b	51	40	—						
† Scilly	30.44	48	N	5	o	30.54	+	18	45	47	+	1	N	4	c	49	46	—						
Prawle Point	30.40	49	NNE	2	o	30.51	+	15	46	44	+	3	N	1	b	50	43	—						
Hurst Castle	30.39	48	WNW	2	o	30.52	+	15	42	41	—	7	ENE	2	m	34	37	—						
† Dover	30.38	45	Z	0	o	30.48	+	29	46	43	+	7	NNW	2	b	48	37	—						
† London	30.39	49	Z	0	o	30.52	+	13	35	35	+	2	S	1	b	61	32	—						
Oxford	30.45	51	Z	0	c	30.53	+	13	38	37	+	4	Z	0	b	59	34	—						
Cambridge	30.38	53	ESE	1	o	30.52	+	11	37	37	+	4	N	1	b	60	31	—						
† Yarmouth	30.39	43	SSE	2	o	30.47	+	28	40	38	+	0	WNW	2	b	45	36	—						
The Helder	30.42	42	NW	1	o	30.42	—	01	40	37	+	4	WSW	1	b	48	34	—						
Cape Gris Nez	30.40	45	NNE	1	o	30.43	+	06	45	39	+	6	Z	0	b	54	39	—						
† Jersey	30.41	45	N	1	o	30.55	+	27	38	48	+	3	Z	0	b	57	46	—						
Brest	30.39	48	NNE	3	o	30.50	+	25	44	44	+	4	E	1	m	51	39	—						
Lorient	30.34	41	NW	3	o	30.45	+	11	47	44	+	5	ENE	3	m	54	34	—						
† Rochefort	30.39	36	NW	5	b	30.40	+	12	46	45	—	2	NE	5	b	64	41	—						
Biarritz	30.34	47	WSW	1	o	30.40	+	13	52	48	+	0	S.	1	c	57	46	0.08						
Corunna																								
Brussels						30.48	+	25	43	36	+	7	SW	1	b	53	31	—						
Charleville	30.47	51	S	14	o	30.47	+	07	30	30	—	2	SE	1	b	63	29	—						
Paris	30.36	54	NE	1	o	30.44	+	11	42	40	+	0	NE	4	b			—						
Lyons	30.28	52	N	1	o	30.40	+	10	38	35	—	1	ESE	1	b	56	36	—						
Toulon	30.35	46	S	1	o	30.39	+	07	44	43	—	2	ENE	4	o	55	43	—						
HIGH LEVEL STATION.																	Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.							
Hawes Junction	29.13	42	WSW	2	o	29.17	+	28	41	41	+	6	WSW	4	o	108	32	—						

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.13	42	WSW	2	o	29.17	+	28	41	41	+	6	WSW	4	o	48	32	—
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.29	37	36	SSE	6	o	5	Valentia ...	30.41	53	50	SSW	4	c	4
Sumburgh Head								Scilly ...	30.39	49	48	N	4	c	3
Stornoway ...								Dover ..	30.38	47	43	WSW	1	b	o
Aberdeen ...	30.19	53	47	SSW	3	b	1	London ...	30.36	57	49	Z	0	bms	*
Shields ...	30.31	55	50	WNW	1	b	0	Yarmouth ...	30.39	45	43	SSE	2	b	2
Ardrossan ...	30.33	44	44	SW	2	c	2	Jersey ...	30.39	56	53	W	1	b	1
Mullaghmore ...	30.31	53	50	SW	4	ov	3	Rochefort ...	30.31	64	59	WNW	3	b	
Holyhead ...	30.36	48	47	WNW	2	b	1								

The mercury is decreasing slightly in all places except our extreme SW coast. Light SW breeze prevail in the W. and N. and temperature has risen fast since the morning. The weather is fine in the W. of Ireland.

EXPLANATION OF COLUMNS.

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) or overcast; p. passing showers; q. equally; 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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

FRIDAY, 18th MARCH.


1881.

ISSUED BY THE
METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s/per quarter.
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ROBERT H. SCOTT
(SECRETARY.)



Printed by Dangerfield, Lith. 22 Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Friday 18th March

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force thus:
 → force above 10; → force 10 to 15;
 → force 5 to 7; → force 1 to 4;
 ⊙ dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast thus: Rough, High.

MEAN* HEIGHT of the BAROMETER for the month of March

Stations.	Mean Readings
Nairn	29.853
Aberdeen	29.858
Leith	29.868
Scarborough	29.912
Ardrossan	29.916
Greenock	29.920
Holyhead	29.967
Valencia	29.912
Roch's Pt.	29.970
Plymouth	29.997
LONDON	29.996
Vermouth	29.975

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

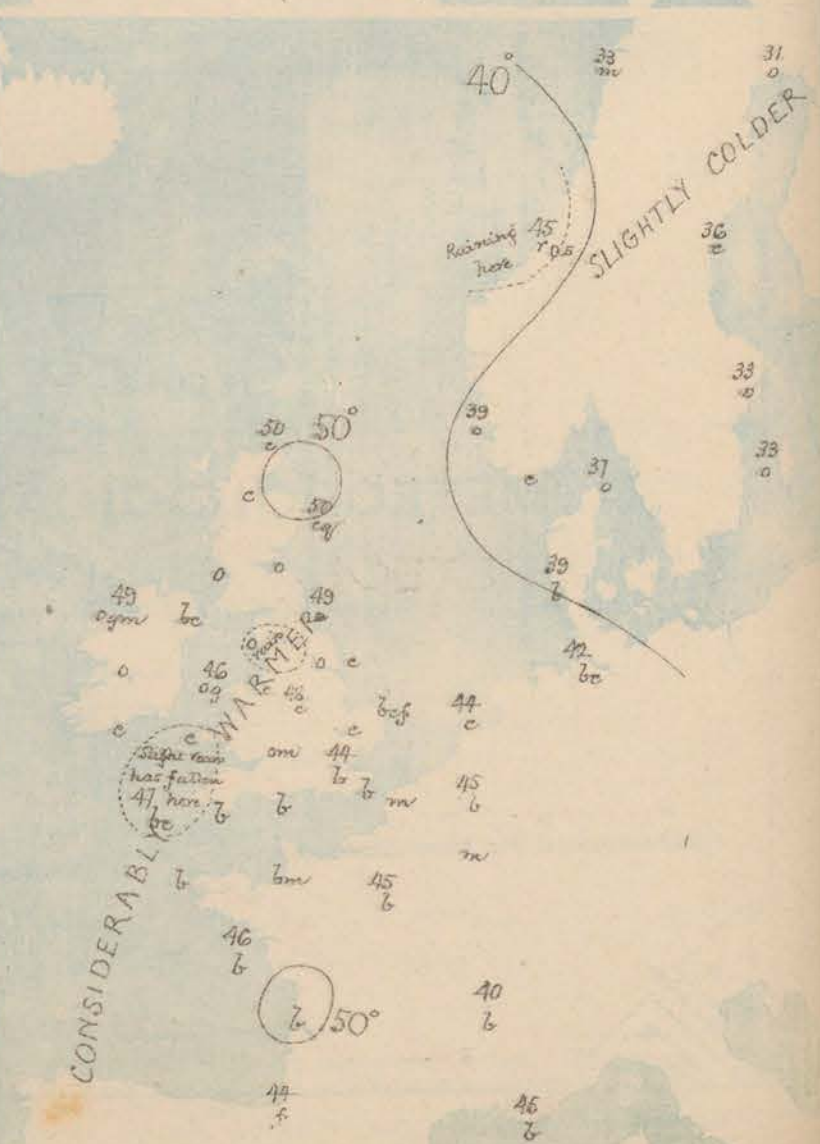
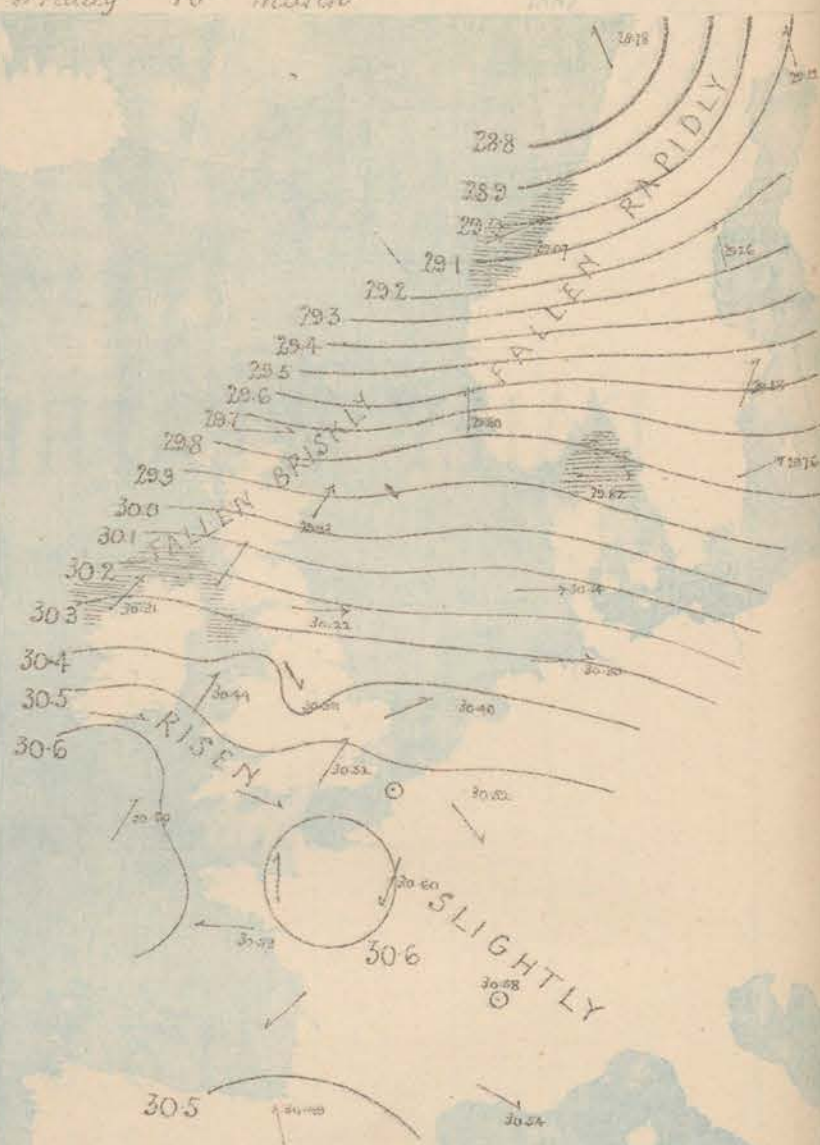
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of March

Stations	Temp	Rain fall
Scarborough Head	38.6	1.25
Sarnesby	39.5	2.20
Aberdeen	40.2	1.89
Shetland	40.6	1.50
Kirk	40.6	1.50
Millingtonmore	41.3	?
Holyhead	43.4	2.12
Paraplaton	42.2	2.29
Valencia	44.5	4.10
Sally (St. Mary's)	47.2	2.18
Roost Gable	43.5	?
Dover	42.9	2.05
LONDON	47.2	1.40
Vermouth	41.9	1.90

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

FRIDAY, 18TH MARCH 1881. 11. 8. 11

In the course of the past twenty-four hours the barometer has fallen rapidly over the northern half of Scandinavia, and somewhat briskly at our own northern and north-western stations, while it has remained high in the south-west and south. The gradients for W. winds have therefore become rather steep over the northern half of our Islands, and the wind in those regions has begun to increase decidedly in force from the W. At Leth a strong gale was experienced during the night but over our southern districts the wind is light. Temperature has risen considerably over our Islands, and varies from 45° to 50° over the United Kingdom generally. Light rain has fallen at a few of our western stations, and the weather is now cloudy and squally in the north-west and north, but remains clear in the south. The sea is rough in the extreme north, rather so in the north-west, smooth in most other places, very smooth at Dover.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

19
20TH MARCH.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

SCOTLAND
NORTH

SW. to W. winds, strong, a gale at times; some rain.

SCOTLAND
EAST

" " " " " "

ENGLAND
N.E.

" " " " " "

ENGLAND
EAST

W. breezes light to fresh; fair generally.

MIDLAND
COUNTIES

" " " " " "

ENGLAND
SOUTH

W. breezes, moderate; fair generally.

6 SCOTLAND
WEST

Same as No. 0 to 2.

7 ENGLAND
N.W.

Same as No. 0 to 2.

8 ENGLAND
S.W.

Same as No. 5.

9 IRELAND
NORTH

Same as No. 0 to 2.

10 IRELAND
SOUTH

SW. and W. winds, moderate to strong; fair generally.

WARNINGS

The South Coast was hoisted in Districts 0, 1, 2 and 3 at 11 a.m., and in Districts 7 and 9 this morning.

METEOROLOGICAL OBSERVATIONS FOR

18th MARCH

1881.

YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barom. at 32° and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.			
Haparanda	29.67	24	SW	2	b	29.12	-.53	31	31	- 5	S	4	o	*	41	25	-		
Hernösand	29.43	37	Z	0	b	29.26	-.68	36	33	- 8	S	4	c	*	?	19	-		
Stockholm	30.03	31	W	2	b	29.58	-.44	33	32	+ 4	SW	4	o	*	41	28	-		
Wisby	29.97	30	NNW	2	b	29.76	-.28	33	32	+ 3	WSW	6	o	*	37	21	-		
Bodö	29.00	37	W	6	o	28.78	-.20	33	33	- 3	SE	2	m	2	37	30	-		
Christiansund	29.73	40	SW	6	o	29.07	-.66	45	43	- 6	SW	9	r	6	45	36	0.07		
†Skudesnaes	30.07	26	SSE	4	r	29.80	-.27	33	38	+ 3	S	5	o	4	?	36	-		
Oxö (Xtiansund)	30.12	33	SW	4	f	29.77	-.42	36	36	+ 3	SW	3	e	3	37	32	-		
Skagen (The Skaw)	30.10	35	WSW	5	f	29.82	-.34	37	37	+ 3	W	7	o	6	37	34	0.04		
Fanö	30.07	36	W	4	f	29.14	-.93	37	38	+ 4	W	6	b	*	37	34	-		
Cuxhaven	30.41	41	NNW	2	o	30.30	-.10	42	42	+ 4	W	4	b	*	?	36	-		
†Sumburgh Head																			
†Stornoway																			
Wick	30.01	3	W	6	c	29.77	-.46	30	42	+ 6	W	4	e	4	57	41	-		
Nairn	30.13	30	W	3	b	29.92	-.34	30	42	+ 6	S	2	e	1	57	44	-		
†Aberdeen	30.17	53	WSW	3	b	29.93	-.36	30	46	+ 6	SW	6	cg	2	59	43	-		
Leith	30.32	54	W	4	b	30.15	-.19	47	47	- 2	NN	7	o	*	57	49	-		
†Shields	30.37	50	W	6	o	30.22	-.17	47	46	+ 5	W	6	o	2	56	43	-		
Spurn Head	30.45	46	W	4	e	30.38	-.07	45	44	+ 4	WSW	4	e	2	51	40	-		
York	30.46	51	W	3	o	30.37	-.08	48	48	+ 12	W	5	o	*	57	37	-		
Nottingham	30.48	52	NNW	2	b	30.39	-.09	48	47	+ 10	NN	3	e	*	63	36	-		
†Ardrossan	30.38	48	SW	1	o	30.23	-.14	48	47	+ 3	SW	3	o	3	52	44	-		
†Mullaghmore	30.42	51	SW	5	om	30.31	-.10	49	48	- 1	SW	6	ogm	5	55	48	-		
Donaghadee	30.43	52	W	3	b	30.29	-.13	49	47	0	WSW	7	b	5	56	47	-		
Parsonstown	30.53	54	W	2	o	30.47	-.04	48	47	0	WSW	2	o	*	56	46	-		
Barrow-in-Furness	30.48	47	SW	4	o	30.40	-.04	45	45	0	SW	4	o	4	49	44	0.02		
†Holyhead	30.53	48	SSW	3	og	30.44	-.06	46	45	+ 1	SW	4	og	3	52	44	-		
Liverpool (Bidston)	30.51	48	W	3	e	30.43	-.06	46	45	- 1	SW	2	e	1	54	46	-		
†Valentia	30.56	50	SSW	4	e	?	?	48	47	- 2	?	4	cg	4	54	47	-		
Roche's Point	30.60	48	NNW	3	b	30.61	+ .06	49	46	+ 3	W	3	e	3	54	45	-		
Pembroke	30.54	45	NNW	2	e	30.51	+ .01	45	44	0	WSW	3	e	1	50	41	0.01		
†Scilly	30.59	50	N	3	b	30.60	+ .06	47	47	- 1	SW	1	b	4	52	42	0.02		
Prawle Point	30.57	50	NNW	2	b	30.57	+ .06	45	43	- 1	NN	1	b	1	57	42	-		
Hurst Castle	30.53	49	NNW	2	m	30.56	+ .04	44	43	+ 2	NNW	2	b	2	57	40	-		
†Dover	30.52	46	Z	0	b	30.51	+ .03	45	43	- 1	WSW	2	b	1	52	41	-		
†London	30.52	46	W	1	b	30.52	00	44	42	+ 9	SW	2	b	*	59	35	-		
Oxford	30.55	50	Z	0	b	30.53	00	40	40	+ 2	WSW	3	om	*	59	38	-		
Cambridge	30.50	53	NN	1	b	30.47	-.05	42	42	+ 5	SW	1	e	*	61	35	-		
†Yarmouth	30.46	53	W	1	b	30.42	-.05	46	45	+ 6	WSW	3	b	2	57	38	-		
The Helder	30.46	42	WSW	2	b	30.40	-.02	44	42	+ 4	SW	3	e	2	45	39	-		
Cape Gris Nez	30.34	48	Z	0	m	30.32	+ .02	45	45	0	S	1	m	1	57	43	-		
†Jersey	30.58	54	NNW	1	b	30.63	+ .08	30	47	0	S	1	b	1	60	46	-		
Brest	30.50	56	N	3	b	30.59	+ .09	44	44	- 1	SE	1	b	1	59	43	-		
Lorient	30.32	59	ENE	3	b	30.58	+ .13	46	45	- 1	E	3	b	2	64	45	-		
†Rocheport	30.43	60	NNE	4	b	30.54	+ .11	53	50	+ 7	ENE	4	b	2	70	39	-		
Biarritz	30.43	56	W	4	b	30.49	+ .09	44	43	- 8	SSE	4	f	3	57	41	-		
Corunna	*	*	*	*	*			*	*						*	*	*		
Brussels	*	*	*	*	*	30.52	+ .04	45	43	+ 2	SW	1	b	*	59	43	-		
Charleville	30.49	55	NNW	1	b	30.56	+ .09	34	32	+ 4	NN	1	m	*	64	?	-		
Paris	30.52	55	N	1	b	30.60	+ .11	45	43	+ 2	NNE	1	b	*	*	*	-		
Lyons	?	52	N	1	b	30.58	+ .18	40	33	+ 2	NNW	1	b	*	57	37	-		
Toulon	30.47	46	E	1	b	30.54	+ .15	45	43	+ 1	NN	4	b	2	52	43	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.19	45	WSW	4	o	29.10	-.07	42	42	+ 1	WSW	3	af	*	46	40	0.01		

HIGH LEVEL STATION.

Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.19	45	WSW	4	o	29.10	-.07	42	42	+ 1	WSW	3	af	*	46	40	0.01
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.25	38	37	SSW	2	f	3	Valentia ...	30.56	53	51	S	5	o	5
Sumburgh Head								Scilly ...	30.59	51	48	N	3	b	4
Stornoway ...								Dover ..	30.51	51	46	WSW	1	b	0
Aberdeen ...	30.21	50	51	SSW	3	b	1	London ...	30.49	56	50	W	1	b ^m	*
Shields ...	30.35	54	52	WNW	6	b	2	Yarmouth ...	30.46	55	53	WNW	2	b	2
Ardrossan ...	30.37	50	48	SW	3	o	3	Jersey ...	30.57	59	53	NE	1	b	1
Mullaghmore ...	30.42	54	52	WSW	5	ogm	4	Rocheport ...	30.50	68	56	NNE	4	b	2
Holyhead...	30.52	52	49	SW	3	b	2								

Pressure is giving way rather briskly in the N., and slightly in Ireland and the wind has backed to S at Valentia.
Elsewhere there is little change.

EXPLANATION OF COLUMNS.

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. equally; 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.
† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

1881.

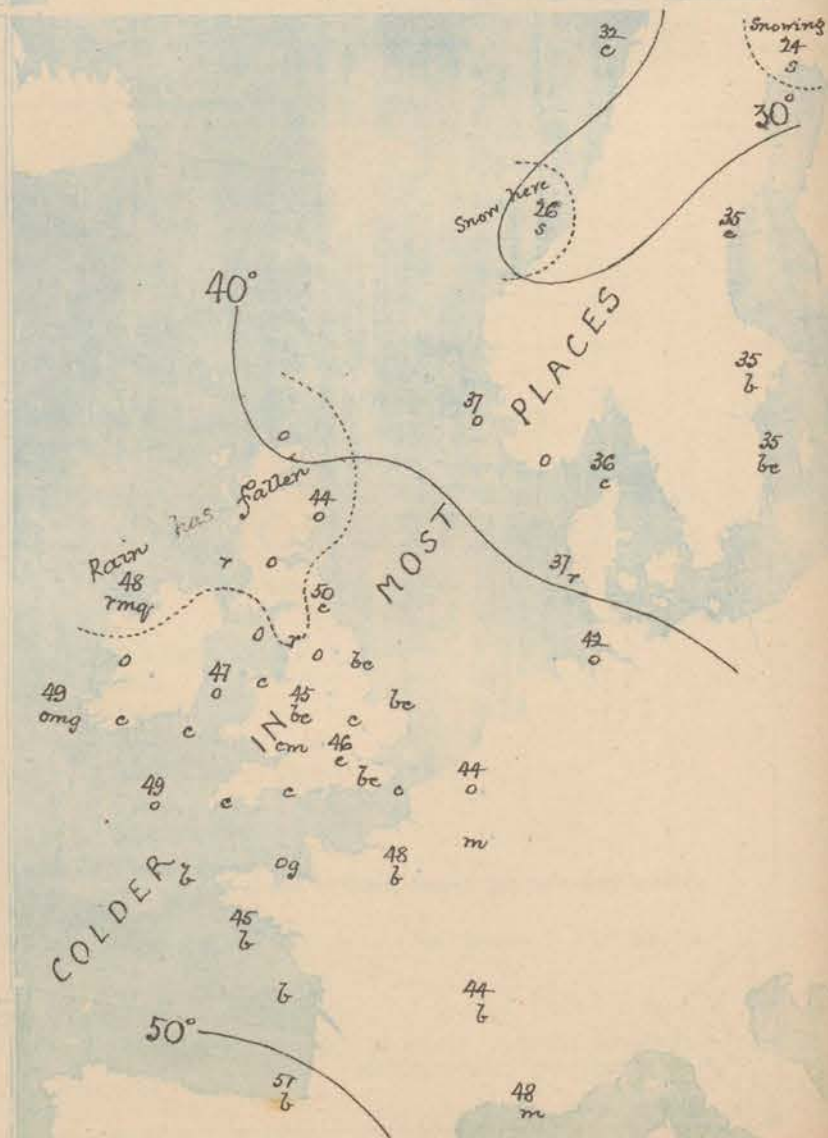
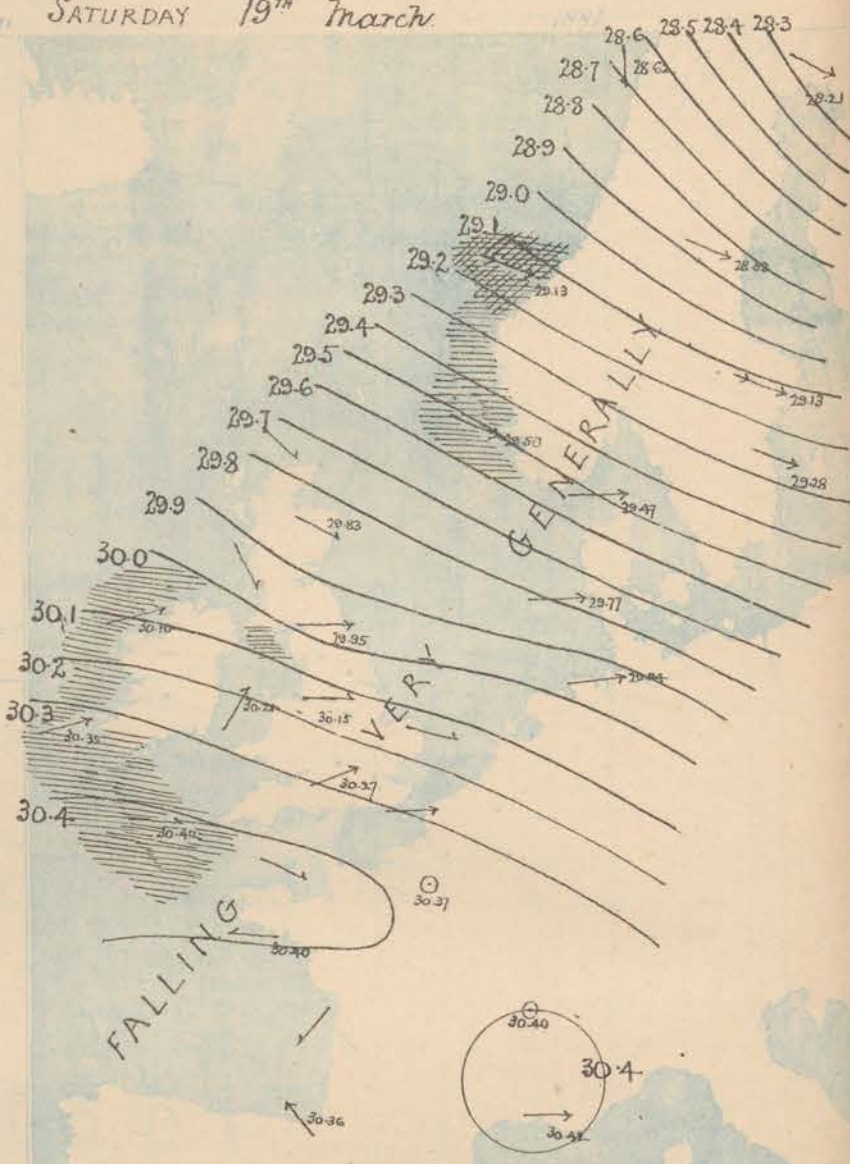
METEOROLOGICAL OFFICE

S. W.

SATURDAY 19th March

Explanation of Map

Changes in height of barometer since previous morning are stated in words.



REMARKS

SATURDAY, 19TH MARCH 1881. at 8 a.m.

The very large depression which was advancing towards the west coast of Norway has since passed E^W or ENE^W, and is now shown over Lapland, and a recovery of pressure is reported from parts of Scandinavia. In all other parts of Western Europe, however, the mercury is falling, and the anticyclone now lies over our south-western stations, and readings within its centre are now only 30.4 ins. Over the south and south-east of France the wind is NE⁴ to E⁴, but in all other places it is W⁴ to NW⁴, blowing freshly on our coasts, and reaching a strong breeze or gale in the countries to the E^W of the North Sea. Temperature has fallen except in the south of England, and readings range from 49° on our south-west coasts to 39° at Wick and 45° at Yarmouth. The minimas last night were nowhere low, while, the maximas yesterday were between 51° and 61°. The weather is moderately fine over France and the south-east of England, but is dull elsewhere, with rain on our north-west coasts and snow in Norway. During yesterday slight rain fell on our extreme north-west and north coasts. The sea is rough in the west.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

20TH MARCH.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	W ⁴ and NW ⁴ winds, fresh in force; cloudy, cool, some showers.
1 SCOTLAND EAST	—
2 ENGLAND N.E.	—
3 ENGLAND EAST	Moderate W ⁴ winds; fair, cool.
4 MIDLAND COUNTIES	W ⁴ to NW ⁴ breezes, moderate or fresh; cool and cloudy, but fair.
5 ENGLAND SOUTH	—

DISTRICTS

FORECASTS

6 SCOTLAND WEST	W ⁴ winds, backing to SW, strong, perhaps a gale; dull, some rain.
7 ENGLAND N.W.	W ⁴ and SW ⁴ winds, strong to a gale, dull, unsettled.
8 ENGLAND S.W.	W ⁴ winds, fresh or strong; dull.
9 IRELAND NORTH	Same as No 6.
10 IRELAND SOUTH	Same as No 6.
WARNINGS	The South Cone remains up in Districts 0, 1, 2, 6, 7 and 9, and was further hoisted in part of District 8 last evening.

METEOROLOGICAL OBSERVATIONS FOR

19th MARCH

1881.

YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	28.32	30	S	2	c	28.21	— .91	24	24	— 7	WNW	6	c	*	34	2	0.08		
Hernösand ...	28.76	39	WNW	6	o	28.83	— .43	35	30	— 1	WNW	6	c	*	30	27	—		
Stockholm ...	29.02	41	WSW	9	b	29.13	— .45	35	29	+ 2	WNW	8	b	*	46	27	—		
Wisby ...	29.30	39	WSW	8	o	29.28	— .48	35	32	+ 2	WNW	6	b	*	45	21	—		
Bodö ...	28.24	30	N	6	c	28.62	— .16	32	30	— 1	N	4	c	2	?	28	—		
Christiansund ...	29.05	36	W	9	c	29.13	+ .06	26	26	— 19	WNW	9	c	4	?	18	0.47		
†Skudesnaes ...	29.09	40	W	6	r	29.50	— .30	37	34	— 2	WNW	6	o	5	43	?	—		
Oxö (Christiansund) ...	29.75	38	SW	6	r	29.49	— .28	37	36	+ 1	WSW	4	o	3	45	26	—		
Skagen (The Skaw) ...	29.52	39	W	9	o	29.47	— .35	26	36	— 1	W	7	c	6	39	36	—		
Fanö ...	29.91	37	W	6	r	29.77	— .37	37	37	— 2	W	6	r	*	41	36	0.12		
Cuxhaven ...	30.19	34	W	7	o	29.94	— .36	42	42	0	W	7	o	*	46	?	0.02		
†Sumburgh Head																			
†Stornoway ...																			
Wick ...	29.78	45	WNW	6	f	29.74	— .03	39	37	— 11	WNW	4	o	4	55	35	0.03		
Nairn ...	29.85	47	W	4	r	29.81	— .11	42	40	— 8	W	5	o	3	36	41	0.15		
†Aberdeen ...	29.85	55	WSW	4	b	29.83	— .10	44	42	— 6	WNW	1	o	1	59	42	0.08		
Leith ...	30.01	50	W	8	o	29.29	— .26	48	46	— 1	WNW	4	o	*	53	45	0.03		
†Shields ...	30.13	50	W	8	c	29.95	— .27	50	48	+ 1	W	6	o	2	52	47	—		
Spurn Head ...	30.25	47	WSW	4	c	30.07	— .31	47	44	+ 2	WSW	5	b	4	51	45	—		
York ...	30.25	49	W	6	c	30.10	— .27	47	45	— 4	W	5	o	*	53	46	—		
Nottingham ...	30.31	48	W	2	b	30.15	— .24	45	43	— 3	W	3	b	*	59	40	—		
†Ardrossan ...	30.13	48	WNW	5	o	29.96	— .27	45	44	— 3	WNW	3	r	2	52	44	0.27		
†Mullaghmore ...	30.23	50	WSW	7	o	30.10	— .21	48	48	— 1	WSW	6	omg	4	52	48	0.04		
Donaghadee ...	30.23	53	W	7	c	30.05	— .24	50	48	+ 1	W	6	o	4	55	48	—		
Parsonstown ...	30.39	49	WSW	3	o	30.26	— .21	48	47	0	W	2	o	*	50	46	—		
Barrow-in-Furness ...	30.27	45	SW	4	o	30.09	— .31	45	44	0	SW	6	o	5	46	44	—		
†Holyhead ...	30.35	47	WSW	3	c	30.21	— .23	47	45	+ 7	SW	4	o	3	49	45	—		
Liverpool (Bidston) ...	30.33	48	WSW	3	c	30.12	— .31	48	45	+ 2	WSW	7	c	4	52	48	—		
†Valentia ...	30.46	49	SW	4	omg	30.35	?	49	46	+ 1	WSW	5	omg	5	51	47	—		
Roche's Point ...	30.47	48	W	4	b	30.34	— .27	48	45	— 1	WNW	3	c	3	54	44	—		
Pembroke ...	30.43	46	WSW	4	c	30.30	— .21	46	44	+ 1	W	3	o	2	46	44	—		
†Scilly ...	30.55	47	W	3	f	30.42	— .18	49	48	+ 2	W	4	o	5	53	44	—		
Prawle Point ...	30.50	47	W	3	b	30.37	— .20	46	45	+ 1	WSW	4	c	3	53	43	—		
Hurst Castle ...	30.46	46	W	4	c	30.33	— .23	47	44	+ 3	WNW	4	c	3	51	44	—		
†Dover ...	30.38	47	W	4	b	30.27	— .24	45	43	0	W	3	b	3	51	43	—		
†London ...	30.39	52	W	2	o	30.27	— .25	46	43	+ 2	WSW	5	c	*	61	42	—		
Oxford ...	30.41	45	W	4	o	30.26	— .27	44	43	+ 4	WSW	2	om	*	57	40	—		
Cambridge ...	30.34	52	SW	1	o	30.20	— .27	44	43	+ 2	SW	1	c	*	59	38	—		
†Yarmouth ...	30.27	53	W	4	b	30.13	— .29	45	43	— 1	W	4	b	2	57	41	—		
The Helder ...	30.22	44	SW	3	c	30.08	— .32	43	42	— 1	SW	4	c	3	48	43	—		
Cape Gris Nez ...	30.43	46	WSW	3	o	30.30	— .22	42	42	— 3	W	5	o	4	50	41	—		
†Jersey ...	30.36	50	WNW	1	b	30.45	— .18	46	45	— 4	WNW	3	og	3	59	44	—		
Brest ...	30.34	55	N	3	b	30.44	— .15	41	39	— 3	N	1	b	3	59	39	—		
Lorient ...	30.32	52	W	1	b	30.40	— .18	45	42	— 1	E	3	b	1	64	43	—		
†Rochefort ...	30.48	62	ENE	4	b	30.37	— .17	48	44	— 5	ENE	4	b	2	72	37	—		
Biarritz ...	30.44	57	NE	5	b	30.36	— .19	51	49	+ 7	SE	5	b	3	66	39	—		
Corunna ...	*	*	*	*	*	30.26	— .17	54	*	— 1	SE	1	b	1	*	*	*		
Brussels ...	*	*	*	*	*	30.26	— .26	44	42	— 1	W	5	o	*	60	43	—		
Charleville ...	30.44	54	SW	1	o	30.33	— .23	37	34	+ 3	SW	4	m	*	66	?	—		
Paris ...	30.50	58	2	o	b	30.37	— .23	48	45	+ 3	S	1	b	*	*	*	—		
Lyons ...	30.46	55	WNW	1	b	30.40	— .18	44	37	+ 4	NNE	1	b	*	61	43	—		
Toulon ...	30.44	50	WSW	5	b	30.42	— .12	48	47	+ 3	W	5	m	2	54	45	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.93	41	WSW	8	o	28.76	— .34	42	42	0	WSW	8	r	*	43	40	0.05		

HIGH LEVEL STATION.

Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.93	41	WSW	8	o	28.76	—	42	—	0	WSW	8	r	43	40	0.05
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.60	42	40	W	8	o	5	Valentia ...	30.50	50	48	SW	4	om	5
Sumburgh Head								Scilly ...	30.60	53	50	WNW	3	c	4
Stornoway ...								Dover ..	30.43	50	47	W	4	b	2
Aberdeen ...	29.88	56	52	SW	4	b	2	London ...	30.43	59	52	WSW	4	b	*
Shields ...	30.13	51	48	W	9	o	2	Yarmouth ...	30.32	57	51	WSW	4	b	2
Ardrossan ...	30.08	51	49	WNW	11	c	3	Jersey ...	30.60	57	52	WNW	2	b	2
Mullaghmore ...	30.27	50	49	WSW	8	om	6	Rochefort ...	30.54	77	58	E	1	b	1
Holyhead... ..	30.39	49	47	SW	5	c	4								

Pressure continues to decrease in the N. and W. gales are spreading gradually over our N. districts, accompanied, however, by dry weather in most places. In the S. the weather is quiet and very fine. The south cone is still up on our NW. N. and NE. coasts.

EXPLANATION OF COLUMNS.

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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SUNDAY, 20th MARCH.

1081.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10^s/per quarter.*
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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Sunday 20th March.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force thus:
— force above 10; — force 8 to 10;
— force 5 to 7; — force 1 to 4.

© — dead calm.
Sea Disturbance; where considerable, is shown by shading round the coast thus: — Rough; — High.

MEAN^{*} HEIGHT of the BAROMETER for the month of March

Stations	Mean Readings
Nairn	29.83
Aberdeen	29.85
Leith	29.88
Scarborough	29.91
Ardrara	29.89
Greenacres	29.88
Holyhead	29.87
Valencia	29.91
Dock's Pt.	29.92
Plymouth	29.97
LONDON	29.98
Farmouth	29.95

* These means are for the 10 years 1865-75.
A more complete set of mean values is in course of preparation.

TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS

Explanation of Map.

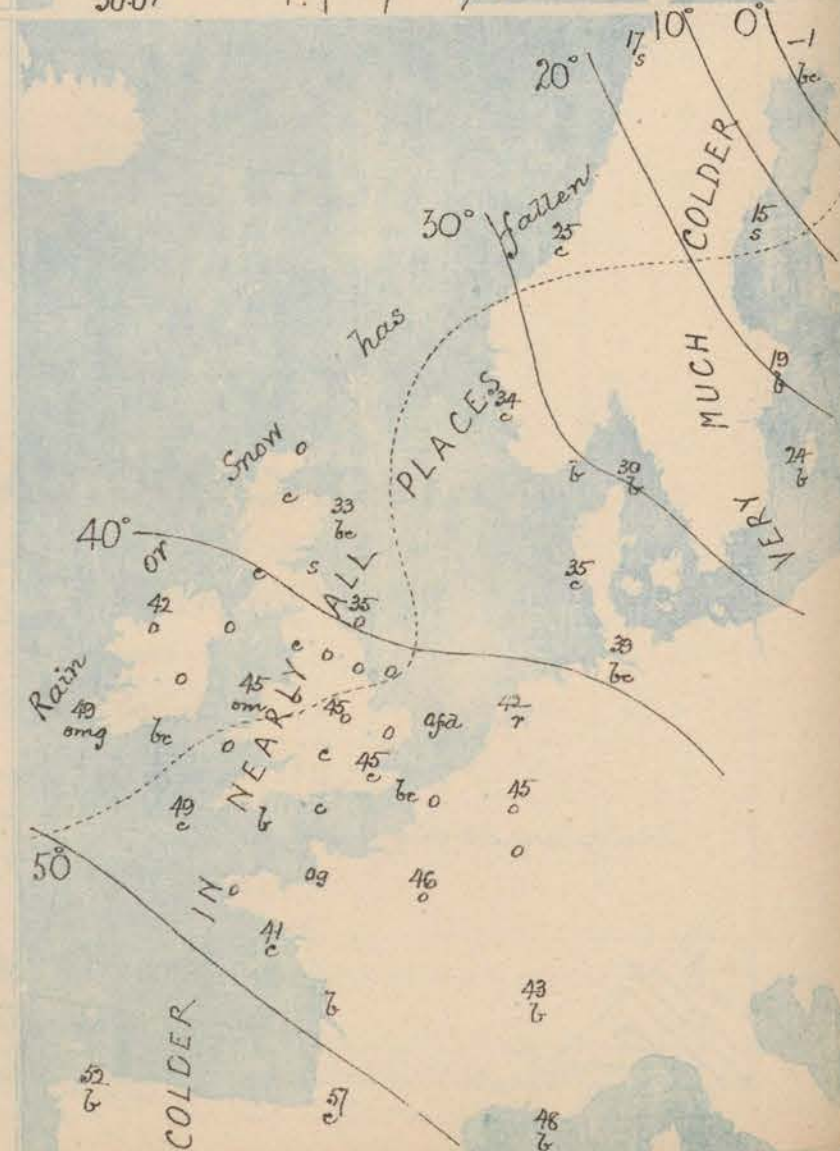
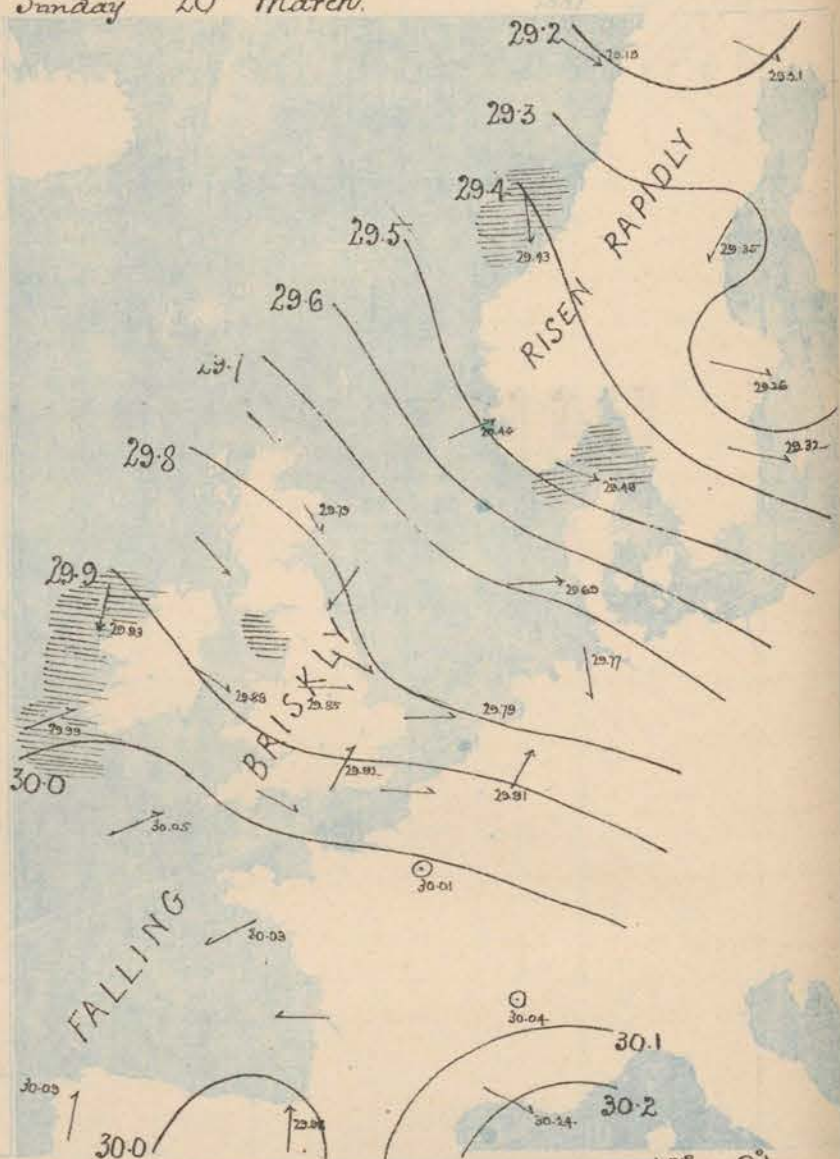
Temperature. Isotherms are drawn for each 10° changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.
Bells of 0.5 in. or more are quoted in figures.

MEANS^{*} OF TEMPERATURE AND RAINFALL for the month of March

Stations	Temp	Rain Fall
Swanwick Head	38.6	1.62
Stornoway	38.5	1.28
Aberdeen	40.7	1.89
Stirling	40.6	1.55
York	40.0	1.54
Wallingborough	42.2	2.12
Holyhead	43.4	2.12
Portsmouth	47.5	2.29
Valencia	47.7	2.76
Sally (St Mary's)	47.2	2.18
Ilsea Castle	43.5	2.03
Dover	42.9	2.03
LONDON	42.7	2.03
Farmouth	41.8	1.93

* The mean Temperature are those for the 10 years 1867-76; the mean amounts of Rain are those for the 10 years 1865-75.



REMARKS

SUNDAY, 20TH MARCH 1881, at 8 a.m.

The weather this morning, although much quieter than it was at the same hour yesterday; continues cloudy and unsettled generally. In the course of the past twenty-four hours the barometer has risen briskly over Scandinavia, in the rear of the deep depression of Friday, but over our Islands and France a decrease of pressure has occurred, which has been most brisk on our south west coasts so that readings are much more uniform than they were. The winds have veered to the NW^W at all our more northern stations, but remain W in the south; they are light or moderate in force over our Islands but blow freshly or strongly on the eastern shores of the North Sea. Temperature has fallen considerably in the north, and to a less extent in most other districts, and although the thermometer remains as high as 44° at our extreme south western stations it is as low as 31° in the north of Scotland. The weather continued mild over Central England yesterday, the highest maxima reported being 58° in London and 60° at Nottingham and Cambridge. The sky is cloudy or overcast in most places, and snow is falling at Leith. During yesterday snow and hail showers fell in Scotland and the north-east of England, while in Ireland and the north-west of England there was some cold rain. The sea is rather rough off the west of Ireland, slight or smooth on our other coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

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

FORECASTS

- NONE ISSUED -

DISTRICTS

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

FORECASTS

- NONE ISSUED -

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR 20th MARCH 1881.

† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	28.83	8	N	6	b	29.21	+ 1.00	-1	-2	-25	NW	2	b	*	25	-2	0.12		
Hernösand ...	28.99	28	NNW	6	b	29.35	+ .52	15	15	-20	NE	2	c	*	41	?	0.08		
Stockholm ...	29.08	26	WSW	8	b	29.26	+ .13	19	16	-16	WNW	4	b	*	43	?	-		
Wisby ...	29.19	30	WNW	8	b	29.32	+ .04	24	22	-11	WNW	4	b	*	37	?	-		
Bodö ...	29.00	23	N	6	c	29.19	+ .37	17	17	-15	NW	6	s	+	32	14	-		
Christiansund...	29.18	28	WSW	9	s	29.43	+ .30	25	23	-1	N	5	c	6	28	16	0.16		
†Skudesnaes ...	29.58	31	NW	8	s	29.46	- .04	34	32	-3	WSW	5	c	4	37	30	-		
Oxö (Xiänsund) ...	29.84	32	W	4	c	29.52	+ .08	30	27	-7	W	4	b	2	37	27	-		
Skagen (The Skaw)	29.49	33	WNW	7	b	29.49	+ .02	30	27	-6	WNW	6	b	6	37	30	-		
Fanö ...	29.72	35	W	6	c	29.69	- .03	35	34	-2	W	5	c	*	37	34	-		
Cuxhaven ...	29.56	41	WNW	6	o	29.77	- .17	39	38	-3	N	2	b	*	42	36	0.10		
†Sumburgh Head																			
†Stornoway ...																			
Wick ...	29.21	36	N	6	o	29.75	+ .01	31	30	-8	NW	4	o	3	45	26	0.03		
Nairn ...	29.50	38	WNW	3	o	29.77	- .04	32	30	-10	WNW	1	c	0	46	30	0.05		
†Aberdeen ...	29.24	38	NNW	3	c	29.79	- .04	33	31	-11	NN	1	b	1	48	29	0.10		
Leith ...	29.29	46	NW	4	b	29.83	- .06	34	32	-14	S	1	s	*	52	31	0.05		
†Shields ...	29.92	48	N	2	o	29.84	- .11	35	35	-15	NE	2	o	3	51	34	0.02		
Spurn Head ...	29.97	47	W	5	c	29.82	- .25	43	42	-4	WNW	2	o	2	50	41	0.02		
York ...	29.98	49	W	3	o	29.83	- .27	44	43	-3	W	1	o	*	50	42	0.03		
Nottingham ...	30.05	52	W	2	b	29.85	- .30	45	44	-3	W	1	o	*	60	42	-		
†Ardrossan ...	29.93	45	NW	3	o	29.82	- .14	41	40	-4	NW	3	c	2	46	38	0.05		
†Mullaghmore ...	30.02	46	NW	5	r	29.93	- .17	42	40	-6	N	5	ogp	5	49	37	0.33		
Donaghadee ...	29.98	47	WNW	3	r	29.87	- .18	41	40	-7	NW	2	o	0	52	40	0.17		
Parsonstown ...	30.12	49	SW	4	o	29.95	- .31	44	44	-4	W	1	o	*	58	44	0.04		
Barrow-in-Furness	29.99	46	SW	6	r	29.85	- .24	42	41	-3	NW	3	o	5	47	41	0.21		
†Holyhead ...	30.06	49	SW	4	o	29.88	- .33	45	44	-2	WNW	2	o	1	52	44	0.05		
Liverpool (Bidston)	30.04	50	WSW	5	o	29.87	- .25	43	43	-5	WNW	1	o	1	55	42	0.11		
†Valentia ...	30.20	50	WSW	3	o	29.99	- .36	49	48	-3	WSW	4	ogm	5	52	46	0.02		
Roche's Point...	30.19	49	WNW	3	b	30.00	- .24	45	42	-3	W	2	b	3	55	44	-		
Pembroke ...	30.14	46	W	3	c	29.93	- .27	46	45	-3	W	4	o	5	48	44	-		
†Scilly ...	30.27	49	W	3	o	30.05	- .37	49	48	-3	WSW	4	c	4	52	46	-		
Prawle Point ...	30.22	46	WSW	4	b	29.99	- .38	47	45	-4	WSW	2	b	2	55	43	-		
Hurst Castle ...	30.18	49	W	4	b	29.96	- .37	46	44	-4	NW	3	c	2	55	45	-		
†Dover ...	30.10	46	WSW	4	b	29.90	- .37	45	43	-4	W	3	b	2	57	41	-		
†London ...	30.12	50	SW	3	b	29.92	- .35	45	42	-4	SW	2	c	*	58	38	-		
Oxford ...	30.10	46	WSW	2	o	29.89	- .37	43	43	-4	W	2	c	*	55	40	-		
Cambridge ...	30.15	51	W	1	b	29.85	- .35	45	43	-4	WSW	1	o	*	60	40	-		
†Yarmouth ...	30.04	53	WNW	4	b	29.83	- .30	45	44	-3	W	2	ogd	2	57	43	-		
The Helder ...	29.95	45	SW	4	o	29.79	- .29	45	42	-4	W	2	r	?	46	?	-		
Cape Gris Nez ...	30.14	46	W	5	b	29.95	- .35	45	44	-3	W	4	o	3	52	43	-		
†Jersey ...	30.28	47	W	2	b	30.07	- .38	46	44	-4	WNW	3	og	3	51	44	-		
Brest ...	30.30	51	NE	4	b	30.08	- .26	40	39	-4	E	3	o	2	57	37	-		
Lorient ...	30.22	55	S	1	b	30.03	- .37	41	39	-4	ENE	4	c	2	61	39	-		
†Rochefort ...	30.19	59	NW	3	b	30.03	- .34	47	45	-4	E	4	b	2	68	36	-		
Biarritz ...	30.14	57	ENE	5	b	29.98	- .38	57	?	+6	S	5	c	2	64	45	-		
Corunna ...	*	*	*	*	*	30.09	- .17	52	*	-2	S	1	b	1	*	*	*		
Brussels ...	*	*	*	*	*	29.91	- .35	45	43	-4	SW	5	o	*	50	43	-		
Charleville ...	29.47	48	SW	4	o	29.87	- .30	43	40	-4	SW	4	o	*	55	43	-		
Paris ...	30.21	54	S	1	b	30.04	- .26	46	44	-4	W	2	o	0	*	*	-		
Lyons ...	30.19	59	E	1	b	30.04	- .26	43	41	-4	S	1	b	*	66	41	-		
Toulon ...	30.37	55	NW	5	m	30.24	- .18	48	?	?	NW	3	b	3	?	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.71	42	W	5	r	28.58	- .18	38	37	-4	W	3	o	*	43	37	0.25		

HIGH LEVEL STATION.

Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.71	42	W	5	r	28.58	- .18	38	37	-4	W	3	o	*	43	37	0.25
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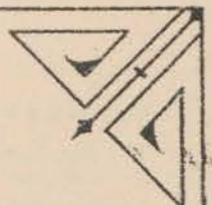
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	29.56	32	31	WN	8	5	Valentia ...	30.27	51	48	W	4	og	4
Sumburgh Head							Scilly ...	30.34	51	50	W	3	o	4
Stornoway ...							Dover ..	30.16	50	47	WSW	4	b	3
Aberdeen ...	29.63	46	43	WN	3	c	London ...	30.15	55	49	W	3	b	*
Shields ...	29.92	51	49	W	6	o	Yarmouth ...	30.05	57	50	WNW	5	b	2
Ardrossan ...	29.97	45	44	WN	3	o	Jersey ...	30.26	50	47	WNW	3	c	3
Mullaghmore ...	30.06	49	49	WSW	6	m	Rochefort ...	30.31	65	57	WNW	3	b	2
Holyhead...	30.12	52	49	SW	5	b								

Pressure is decreasing except in Scotland and Scandinavia, and the wind which is W generally blows strongly in the E of England. The weather is cloudy except in the SE. and over France, and snow is falling at Rudolstadt.

EXPLANATION OF COLUMNS.

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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

MONDAY, 21st MARCH.

1881.

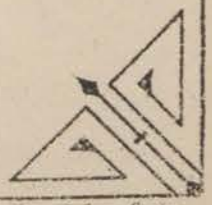
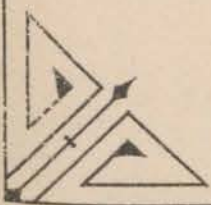
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ROBERT H. SCOTT

(SECRETARY.)

Fred^l Dangerfield 116, 21, Victoria St. London.

WEATHER CHARTS

for 8 a.m. on Monday 21st March.

BAROMETER, WIND & SEA

Explanation of Map

Barometer isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

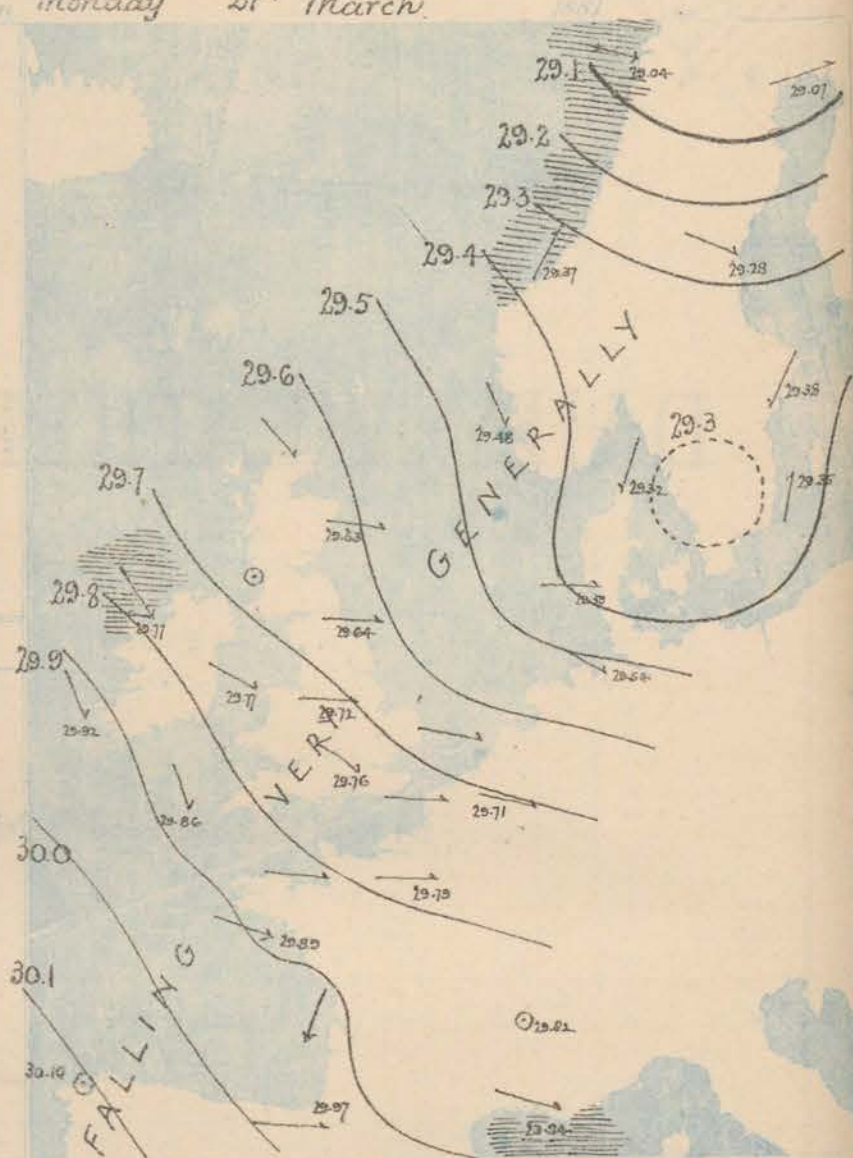
Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — force above 10; — force 8 to 10
 — force 5 to 7; — force 1 to 4
 ○ dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

MEAN^h HEIGHT of the BAROMETER for the month of March

Stations.	Mean Readings in.
Swan	29.53
Aberdeen	29.53
Leith	29.53
Scarborough	29.53
Adrianston	29.53
Greenisland	29.53
Holyhead	29.53
Valencia	29.53
Rochester P.	29.53
Plymouth	29.53
LONDON	29.53
Warrmouth	29.53

* These means are for the 30 years 1866-95. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

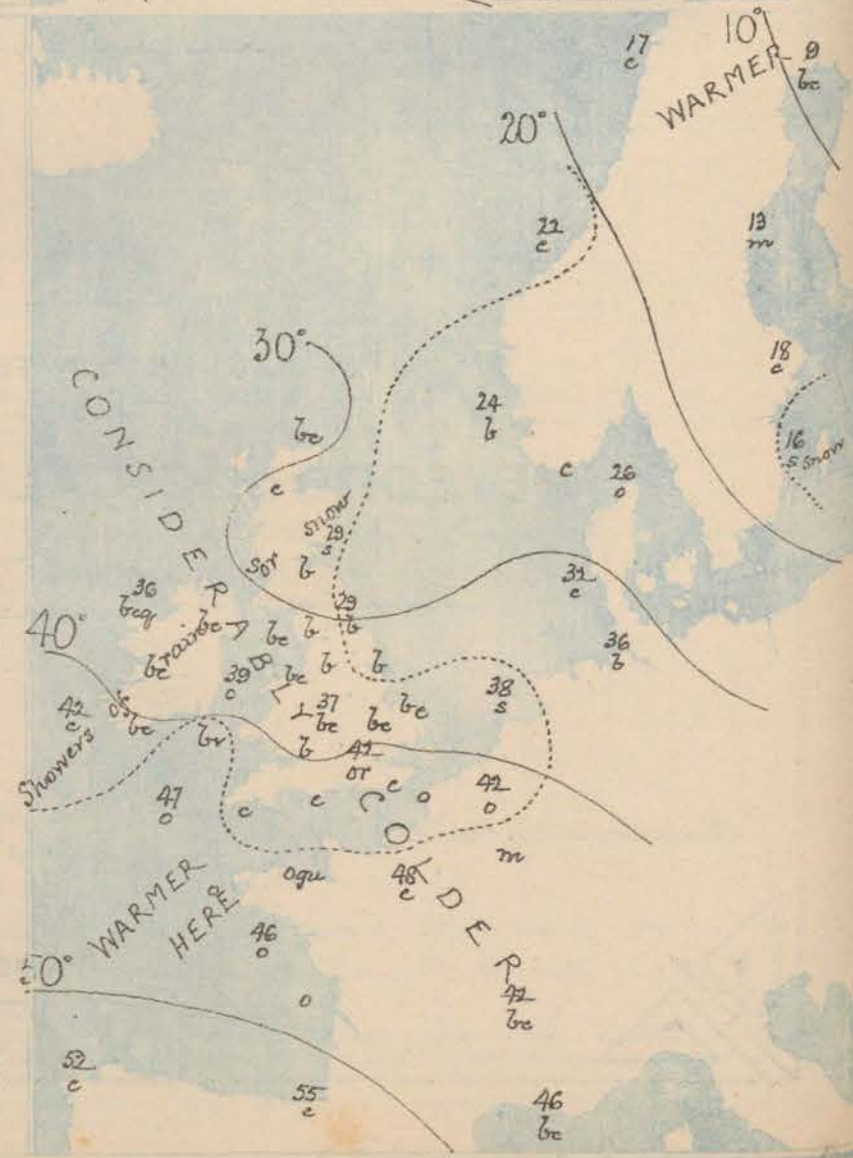
Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS^h OF TEMPERATURE AND RAINFALL for the month of March

Stations	Temp	Rain-fall
Sunderbury Head	38.6	1.34
Stornoway	38.6	1.34
Aberdeen	40.7	1.99
Shields	40.6	1.65
York	40.9	1.64
Millingtons	42.5	2
Holyhead	43.9	2.72
Portsmouth	43.7	2.29
Valencia	44.7	3.16
Sally (St Mary's)	47.2	2.18
Hurst Castle	43.5	2
Dover	41.9	5.07
LONDON	42.7	1.46
Warrmouth	41.0	1.93

* The mean temperatures are those for the 33 years 1857-89; the mean amounts of Rain are those for the 30 years 1866-95.



REMARKS

MONDAY, 21st MARCH 1881, at 8 a.m.

Pressure is giving way in all parts of Western Europe, the change, however, being slight and uniform. Readings are highest off our south west coasts and over the Bay of Biscay, and lowest over the extreme north of Scandinavia, but numerous small subsidiary disturbances are travelling, apparently, from NW to SE, across our area. One of these depressions is shown on the chart, a second over Scotland, and a third over the south east of France. Owing to these disturbances slight local variations in the wind direction are reported, but with these exceptions a fresh to light NW to W current prevails on all coasts. The weather is cloudy or dull in nearly all parts of the Continent and on the south coast of England, while snow is falling at Aberdeen and Anderson, but elsewhere the sky is clear or nearly so. The weather is unsettled generally, and during the past twenty four hours showers of rain or snow have fallen generally. Temperature has decreased except in the north west of France, and is low for the season generally; readings range from 14° at Sully to 27° at Nain, and during the night the thermometers fell to 25° at Wick, 26° at Nain and Mullaghmore, 27° at Aberdeen and Shields and 31° at Cambridge. The sea is rough on the north coast of Ireland.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

22nd MARCH.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	NW (NW to NE) breezes, moderate or light; rather cloudy, with occasional snow showers.
2 SCOTLAND EAST	—
3 ENGLAND N.E.	NW breezes, light; cloudy and cold, some showers.
4 ENGLAND EAST	Light or moderate NW breezes; unsettled, cloudy, cold, some showers.
5 MIDLAND COUNTIES	—
6 ENGLAND SOUTH	—

DISTRICTS

FORECASTS

6 SCOTLAND WEST	NW winds, moderate and fresh; cold, some showers.
7 ENGLAND N.W.	—
8 ENGLAND S.W.	NW and N winds, moderate and fresh; cloudy, cold.
9 IRELAND NORTH	Same as No 6 and 7.
10 IRELAND SOUTH	Same as No 8.
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 21st MARCH 1881.

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirge.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirge.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.07	6	W	2	b	29.07	— .14	9	9	+ 10	W	2	b	*	10	— 4	—		
Hernösand ...	29.46	8	Z	0	b	29.23	— .07	13	12	— 2	NW	1	b	*	?	?	—		
Stockholm ...	29.42	24	SW	4	b	29.38	+ .12	18	16	— 1	NE	2	c	*	28	18	0.08		
Wisby ...	29.47	24	N	4	b	29.35	+ .03	26	26	+ 2	SSW	2	s	*	30	16	—		
Bodö ...	29.44	19	NN	6	c	29.34	— .15	17	14	0	WNW	8	c	5	19	14	—		
Christiansund...	29.48	22	NNN	4	c	29.37	— .06	22	21	— 3	SW	4	c	5	25	12	0.12		
†Skudesnaes ...	29.46	29	NNN	6	c	29.48	+ .02	24	21	— 10	NNN	4	b	4	34	?	—		
Öxö (Xiansund) ...	29.40	32	SW	4	b	29.38	— .14	24	23	— 6	NNE	4	c	4	32	23	—		
Skagen (The Skaw)	29.41	32	SW	3	b	29.32	— .17	26	23	— 4	NE	4	0	3	34	?	—		
Fanö ...	29.38	33	W	4	b	29.39	— .30	32	31	— 3	W	4	c	*	37	30	—		
Cuxhaven ...	29.74	37	NNN	1	s	29.34	— .23	36	34	— 3	NN	3	b	*	39	30	—		
†Sumburgh Head																			
†Stornoway ...																			
Wick ...	29.61	29	ENE	7	sw	29.65	— .10	31	30	0	NN	3	b	4	35	25	0.08		
Nairn ...	29.68	31	NE	3	c	29.61	— .16	27	27	— 5	NE	1	c	3	35	26	0.33		
†Aberdeen ...	29.64	34	NN	2	b	29.63	— .16	29	28	— 4	W	1	s	2	40	27	0.24		
Leith ...	29.72	37	W	2	b	29.61	— .22	31	29	— 3	NN	1	b	*	48	28	0.02		
†Shields ...	29.67	41	NN	2	b	29.64	— .20	29	28	— 6	W	2	b	3	45	27	—		
Spurn Head ...	29.72	44	WNW	3	b	29.67	— .15	36	35	— 7	NN	4	b	4	45	34	—		
York ...	29.75	43	NN	1	b	29.69	— .44	38	31	— 11	WNW	1	b	*	50	38	0.01		
Nottingham ...	29.80	40	W	1	b	29.72	— .13	37	35	— 8	W	1	b	*	51	31	0.04		
†Ardrossan ...	29.74	40	NN	4	b	29.61	— .21	29	29	— 12	NNE	1	s	0	46	29	0.05		
†Mullaghmore ...	29.85	42	NNN	5	c	29.77	— .16	36	33	— 6	NN	7	b	6	46	26	0.12		
Donaghadee ...	29.79	40	W	3	b	29.70	— .17	33	32	— 8	NN	3	b	1	46	31	0.02		
Parsonstown ...	29.88	45	NNN	2	0	29.86	— .09	35	34	— 9	NN	1	b	*	48	32	—		
Barrow-in-Furness	29.77	42	WSW	4	b	29.71	— .14	36	34	— 6	NNN	4	b	4	47	33	0.02		
†Holyhead ...	29.85	45	W	3	0	29.77	— .11	39	35	— 6	NNN	3	0	2	47	36	—		
Liverpool (Bidston)	29.80	40	NNN	2	b	29.73	— .14	37	33	— 6	NNN	3	b	2	45	36	0.03		
†Valentia ...	29.92	46	NNN	3	op	29.91	— .07	42	40	— 7	NNN	3	c	4	51	38	0.06		
Roche's Point...	29.89	47	NNN	4	c	29.87	— .13	40	37	— 5	NNN	4	b	3	52	39	0.05		
Pembroke ...	29.80	44	NNN	2	b	29.77	— .16	41	38	— 5	NNN	3	b	2	47	39	—		
†Scilly ...	29.95	49	NNN	5	0	29.86	— .19	47	44	— 2	NNN	4	0	4	52	44	—		
Prawle Point ...	29.88	47	W	4	c	29.8	— .18	43	42	— 4	NNN	2	c	2	50	40	0.05		
Hurst Castle ...	29.84	47	W	4	c	29.76	— .20	43	41	— 4	WNW	3	c	2	51	41	0.05		
†Dover ...	29.72	46	W	3	c	29.72	— .18	42	39	— 3	W	3	c	2	51	40	0.04		
†London ...	29.92	45	WNW	2	c	29.76	— .16	43	41	— 3	WNW	2	0	*	55	39	0.01		
Oxford ...	29.81	44	W	2	0	29.73	— .16	39	37	— 4	W	1	b	*	52	38	0.01		
Cambridge ...	29.76	45	W	1	0	29.71	— .14	39	37	— 6	NN	1	b	*	58	31	0.02		
†Yarmouth ...	29.75	42	N	1	b	29.67	— .16	39	37	— 6	WNW	3	b	2	45	35	0.03		
The Helder ...	29.72	38	N	1	c	29.62	— .17	38	35	— 4	W	1	s	1	43	37	0.04		
Cape Gris Nez	29.80	37	WSW	4	0	29.76	— .19	42	39	— 3	W	4	0	3	48	41	0.12		
†Jersey ...	29.46	47	NNN	3	0	29.83	— .24	47	43	+ 1	W	4	ogw	3	50	45	—		
Brest ...	29.99	47	NNE	4	b	29.90	— .18	48	46	+ 8	NNN	4	0	3	59	39	—		
Lorient ...	29.92	30	WNW	3	b	29.89	— .14	46	44	+ 5	WNW	5	0	3	54	39	—		
†Rochefort ...	29.91	57	NNE	3	0	29.93	— .10	45	42	— 2	NNE	5	0	2	68	39	—		
Biarritz ...	29.95	58	W	5	c	29.97	— .01	55	51	— 2	W	7	c	3	64	48	—		
Corunna ...	*	*	*	*	*	30.10	+ .01	52	*	0	S	1	c	1	*	*	*		
Brussels ...	*	*	*	*	*	29.71	— .20	42	40	— 3	NNN	3	0	*	57	41	0.08		
Charleville ...	29.92	45	NNN	4	c	29.71	— .26	44	41	+ 1	SW	5	m	*	60	43	—		
Paris ...	29.89	52	W	1	b	29.79	— .22	48	45	+ 2	W	1	c	*	*	*	—		
Lyons ...	29.82	50	S	1	b	29.82	— .22	42	41	— 1	SW	1	b	*	?	41	0.04		
Toulon ...	29.95	48	W	3	b	29.84	— .40	46	43	— 2	W	3	b	5	55	45	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.49	38	W	5	b	28.42	— .16	27	26	— 11	WSW	3	b	*	41	23	0.02		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.49	38	W	5	b	28.42	— .16	27	26	— 11	WSW	3	b	*	41	23	0.02
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes ...	29.44	35	20	NN	6	c	4	Valentia ...				
Sumburgh Head								Scilly ...				
Stornoway ...								Dover ...				
Aberdeen ...								London ...				*
Shields ...								Yarmouth ...				
Ardrossan ...								Jersey ...				
Mullaghmore ...								Rochefort ...	29.98	66	57	ESE 1 0 2
Holyhead ...												

EXPLANATION OF COLUMNS.

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) or overcast; p. passing showers; q. equally; 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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

TUESDAY, 22ND MARCH.

1881.

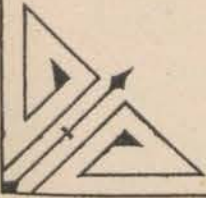
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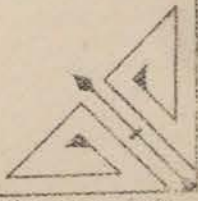
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ROBERT H. SCOTT
(SECRETARY.)



Fred^k Doughtyfield Lith. & Ballinval 27 Essex Garden

WEATHER CHARTS

for the month of Tuesday 22nd March.

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are noted in words.

Wind. Arrows show the prevailing wind. They fly with the wind, and their backs and feathers refer to force. Thus:
→ force above 10; → force 8 to 10; → force 5 to 7; → force 3 to 5; → dead calm.

Sea Disturbances, where considerable, are shown by shading round the coast thus: Rough; High.

MEAN^h HEIGHT of the BAROMETER for the month of March

Stations	Mean Readings
Nairn	29.825
Aberdeen	29.828
Leith	29.848
Scarborough	29.912
Edinburgh	29.924
Glasgow	29.938
Holyhead	29.905
Valentia	29.912
Roche's Pt.	29.927
Plymouth	29.962
LONDON	29.990
Wormsley	29.973

* These means are for the 10 years 1868-77. A more complete set of mean values in the volume of preparation.

TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS

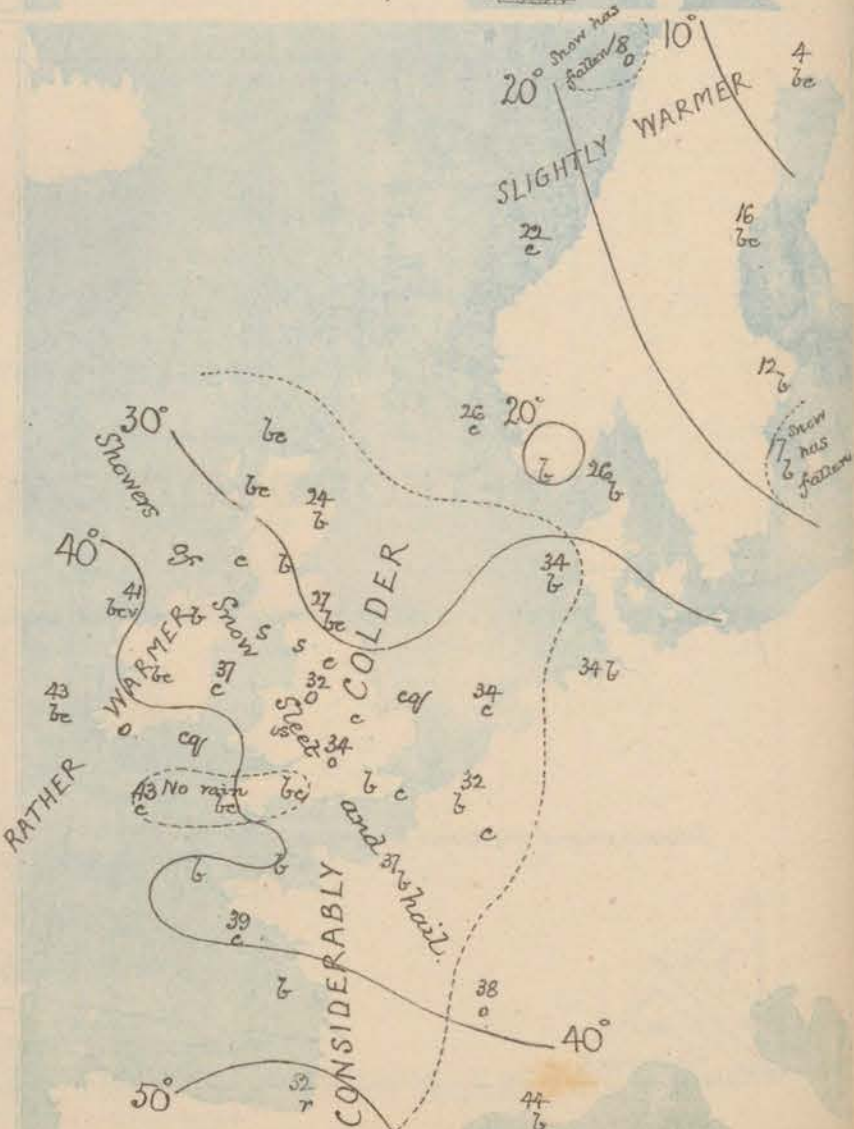
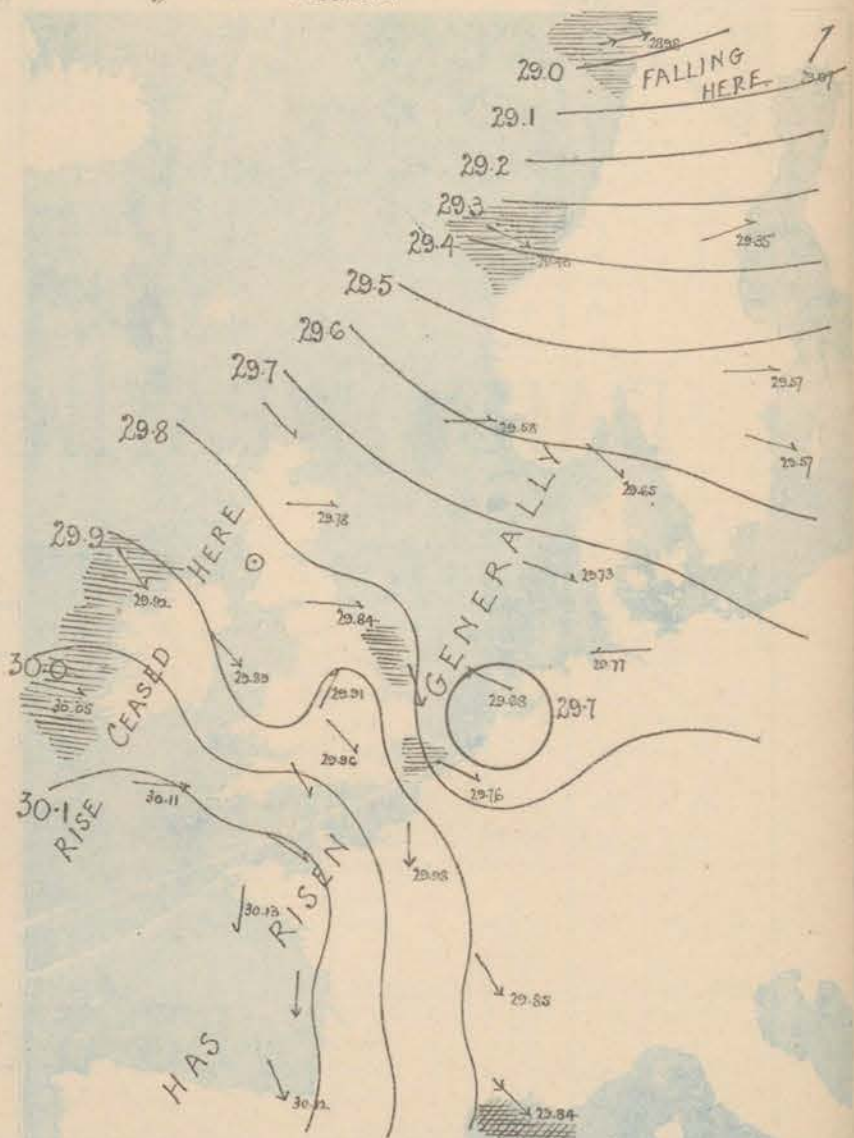
Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS^h of TEMPERATURE AND RAINFALL for the month of March

Stations	Temp	Rain fall
Stambury Head	39.6	1.52
Stormway	39.5	1.36
Aberdeen	40.2	1.64
Shetland	40.6	1.62
York	40.9	1.66
Mullingthorpe	42.5	2
Holyhead	43.4	2.12
Fluconstown	47.5	2.29
Valentia	46.2	1.27
Sally (St Mary's)	45.1	2.16
Harst Castle	45.3	2.16
Dover	42.9	2.23
LONDON	42.1	1.91
Wormsley	41.8	1.84

* The mean Temperatures are those for the 13 years 1867-80, the mean amounts of Rain are those for the 16 years 1862 to 1877.



REMARKS

TUESDAY, 22ND MARCH. 1881. 82.00

In the course of the past night a decided rise of the barometer has taken place over England but in Ireland and Scotland, where the rise commenced earlier, the barometer seems inclined to fall again. Readings vary from a little above 30.1 ins in the west of France and at Scilly to a little below 29.1 ins. in the north of Sweden. A small depression lies over Holland, and a shallow subsidiary disturbance is advancing in a SE^{ly} direction over England. Temperature is low everywhere, the present readings varying from 43° on our south west coasts to 30° at York, and to between 22° and 26° in the northeast of Scotland. A sharp frost occurred at our inland stations during the night. The wind is generally NW^{ly}, but has backed to SW locally in the north of England, and to W. at Valentia; in force it varies greatly from a light to a strong breeze. Strong squalls from NW were felt in many parts of the kingdom yesterday. Showers of snow, sleet and soft hail were experienced yesterday on all but our extreme south west coasts. A thunderstorm occurred at Barrow-in-Furness yesterday afternoon. The sky is still cloudy generally, with snow in many parts of England. The sea is moderate or rather rough in most places; rough at Cape Breton.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

23RD MARCH.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	W ^{ly} to NW ^{ly} winds, force doubtful, but probably increasing; fine at first, then snow squalls.
2 SCOTLAND EAST	—
3 ENGLAND N.E.	—
4 ENGLAND EAST	Winds varying between SW and NW, moderate at first, then stronger; weather very changeable and cold.
5 MIDLAND COUNTIES	—
6 ENGLAND SOUTH	—

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as No 0 to 2.
7 ENGLAND N.W.	Same as No 0 to 2.
8 ENGLAND S.W.	W ^{ly} to NW ^{ly} winds, strong, perhaps rising to a gale later; squally, cold showers.
9 IRELAND NORTH	NW ^{ly} winds, strong, perhaps a gale; cold showers.
10 IRELAND SOUTH	Same as No 8.
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 22ND MARCH 1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.		WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.02	6	SW	2	b	29.07	00	4	4	— 5	SW	2	b	*	18	0	—		
Hernösand ...	29.29	15	Z	0	b	29.35	+ .07	16	14	+ 3	WSW	2	b	*	28	0	—		
Stockholm ...	29.36	13	WSW	2	b	29.57	+ .19	12	10	— 6	W	4	b	*	25	12	—		
Wisby ...	29.29	23	NE	6	o	29.57	+ .27	17	16	— 9	WNW	4	b	*	30	14	0.16		
Bodö ...	28.93	13	NTW	9	s	28.98	— .06	18	15	+ 3	W	9	o	6	2	10	—		
Christiansund ...	29.43	23	NNW	3	c	29.43	+ .06	22	21	— 0	NNW	7	c	5	23	12	—		
† Skudesnaes ...	29.58	23	Z	0	b	29.58	+ .10	26	26	+ 2	W	2	c	3	28	21	—		
Oxö (Xiansund) ...	29.52	25	NNW	1	b	29.64	+ .26	19	17	— 5	NNW	2	b	1	30	16	—		
Skagen (The Skaw) ...	29.52	27	NNW	3	b	29.65	+ .33	24	23	— 2	NNW	5	b	2	30	23	—		
Fanö ...	29.65	28	NNW	4	b	29.78	+ .34	34	30	+ 2	NNW	1	b	*	34	25	0.07		
Cuxhaven ...	29.66	34	N	2	b	29.77	+ .23	34	33	— 2	E	2	b	*	37	30	—		
† Sumburgh Head ...																			
† Stornoway ...																			
Wick ...	29.74	26	N	3	o	29.75	+ .10	26	25	— 5	NN	4	b	3	35	18	0.06		
Nairn ...	29.75	26	NNW	3	s	29.78	+ .17	22	20	— 5	Z	0	b	2	33	17	0.34		
† Aberdeen ...	29.70	33	ENE	4	b	29.78	+ .15	24	23	— 5	W	2	b	3	35	18	0.07		
Leith ...	29.64	32	NE	3	s	29.80	+ .29	31	30	— 0	NN	1	b	*	34	24	0.25		
† Shields ...	29.55	34	W	2	c	29.84	+ .20	27	26	— 2	W	2	b	3	38	23	0.07		
Spurn Head ...	29.57	35	WSW	4	r	29.89	+ .19	32	32	— 4	W	4	b	5	42	31	0.02		
York ...	29.58	34	W	1	b	29.88	+ .19	30	29	— 3	W	1	c	*	45	26	0.05		
Nottingham ...	29.66	33	W	1	s	29.91	+ .19	32	30	— 5	SW	2	o	*	46	26	0.02		
† Ardrossan ...	29.72	34	NNE	2	c	29.83	+ .22	32	31	+ 3	Z	0	c	0	37	27	0.10		
† Mullaghmore ...	29.91	38	NNW	4	b	29.92	+ .15	41	36	+ 5	NN	5	b	5	41	38	0.07		
Donaghadee ...	29.70	38	NN	6	b	29.87	+ .17	32	32	— 1	NN	5	b	3	40	37	0.07		
Parsonstown ...	29.94	38	NNW	4	b	30.00	+ .14	36	36	+ 1	W	1	b	*	42	29	0.06		
Barrow-in-Furness ...	29.84	35	NN	6	b	29.85	+ .14	33	32	— 3	WSW	3	s	5	42	34	0.15		
† Holyhead ...	29.71	37	NN	4	c	29.89	+ .12	37	35	— 4	NN	6	c	4	42	32	0.17		
Liverpool (Bidston) ...	29.62	36	W	7	c	29.88	+ .15	30	30	— 7	SE	1	s	1	41	30	0.36		
† Valentia ...	30.04	42	NNW	5	b	30.05	+ .13	43	40	+ 1	W	4	b	5	47	35	0.02		
Roche's Point ...	29.99	43	NNW	4	b	30.04	+ .17	42	40	+ 2	NNW	3	o	3	46	34	0.06		
Pembroke ...	29.84	37	NN	5	b	29.91	+ .14	43	39	+ 2	W	6	c	4	43	34	0.05		
† Scilly ...	29.95	45	NN	6	c	30.11	+ .25	43	38	— 4	W	5	c	4	49	39	—		
Prawle Point ...	29.85	40	NN	4	c	30.07	+ .26	39	35	— 4	W	4	b	4	50	30	—		
Hurst Castle ...	29.77	41	NNW	5	b	30.02	+ .26	34	32	— 8	NNW	3	b	3	48	31	—		
† Dover ...	29.67	39	SW	2	chop	29.90	+ .18	34	31	— 8	NN	5	b	3	43	31	0.06		
† London ...	29.68	35	NN	3	b	29.96	+ .20	34	32	— 8	NN	2	o	*	47	30	0.05		
Oxford ...	29.72	35	W	5	b	29.97	+ .24	32	30	— 7	W	1	os	*	45	29	—		
Cambridge ...	29.67	33	NN	1	c	29.93	+ .22	32	31	— 7	NN	1	c	*	48	27	0.09		
† Yarmouth ...	29.66	38	Z	0	s	29.82	+ .18	34	32	— 5	NNW	5	c	4	41	30	0.17		
The Helder ...	29.65	34	E	1	b	29.68	+ .06	34	?	— 4	SE	2	c	2	39	32	0.04		
Cape Gris Nez ...	29.72	46	W	1	o	29.88	+ .12	34	?	— 8	NN	9	c	6	42	34	0.12		
† Jersey ...	29.87	44	NN	4	b	30.13	+ .30	40	36	— 7	NN	3	b	3	48	36	0.02		
Brest ...	29.94	45	N	5	o	30.14	+ .24	37	37	— 11	NE	3	b	2	52	34	0.04		
Lorient ...	29.88	48	NN	7	c	30.13	+ .24	39	34	— 7	N	4	c	2	54	39	0.04		
† Rochefort ...	29.93	32	NNW	7	o	30.10	+ .17	43	38	— 2	N	5	b	2	59	37	—		
Biarritz ...	30.03	34	NN	5	r	30.12	+ .15	52	48	— 3	NN	7	r	3	59	46	0.12		
Corunna ...	*	*	*	*	*			*	*						*	*	*		
Brussels ...	*	*	*	*	*	29.76	+ .05	34	31	— 10	NNW	1	b	*	44	31	0.12		
Charleville ...	29.71	39	WSW	4	b	29.79	+ .08	32	30	— 12	W	7	c	*	50	32	0.16		
Paris ...	29.74	44	? W	8	o	29.98	+ .19	37	33	— 11	N	5	b	*	*	*	0.08		
Lyons ...	29.81	49	NNW	5	b	29.85	+ .03	35	35	— 4	NN	5	o	*	59	36	—		
Toulon ...	29.78	63	W	7	b	29.84	00	44	39	— 2	NN	8	b	7	54	41	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction ...	28.29	29	WSW	4	c	28.57	+ .15	26	25	— 1	SSW	3	s	*	33	19	0.04		

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...							Valentia ...	29.99	45	38	NNW	5	stf	5	
Sumburgh Head ...							Scilly ...	29.90	45	40	NN	5	c	4	
Stornoway ...							Dover ..	29.67	42	40	W	1	c	0	
Aberdeen ...	29.65	34	32	NE	4	b	4	London ...	29.69	45	38	NNW	3	c	*
Shields ...	29.56	35	35	WSW	2	s	3	Yarmouth ...	29.67	41	37	NNE	4	b	3
Ardrossan ...	29.55	35	34	NNE	1	b	1	Jersey ...	29.85	46	41	NNW	3	c	3
Mullaghmore ...	29.78	37	35	NN	9	cgh	7	Rochefort ...	29.95	53	47	NNW	5	c	2
Holyhead ...	29.71	38	35	W	6	c	5								

Barometer is increasing a little in the extreme N. and SW., but is falling elsewhere, and a depression is passing SW. down our east coast. The wind is N. and the weather cold, cloudy and unsettled.

EXPLANATION OF COLUMNS.

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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

WEDNESDAY 23RD MARCH,

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10^s/per quarter.*
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ROBERT H. SCOTT

(SECRETARY.)



Fred^r Dangerfield Lith 22 Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 23rd MARCH 1887

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

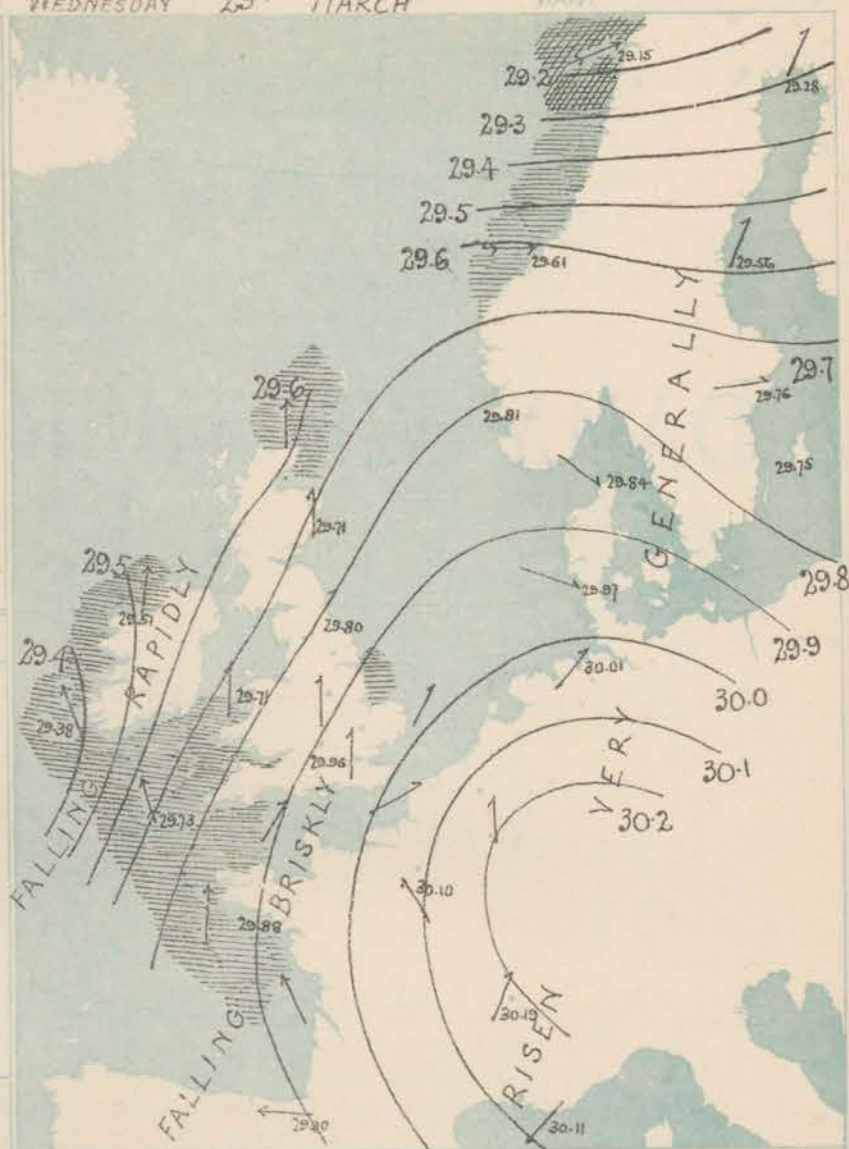
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10
 → forces 5 to 7; → forces 1 to 4;
 ⊙ = dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast; thus - Rough; - High.

MEAN* HEIGHT of the BAROMETER for the month of March

Stations.	Mean Readings
Nairn	29.853
Aberdeen	29.858
Leith	29.868
Scarborough	29.912
Ardrossan	29.894
Greencastle	29.889
Holyhead	29.897
Valentia	29.917
Roche's Pt.	29.973
Plymouth	29.947
LONDON	29.940
Yarmouth	29.925

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

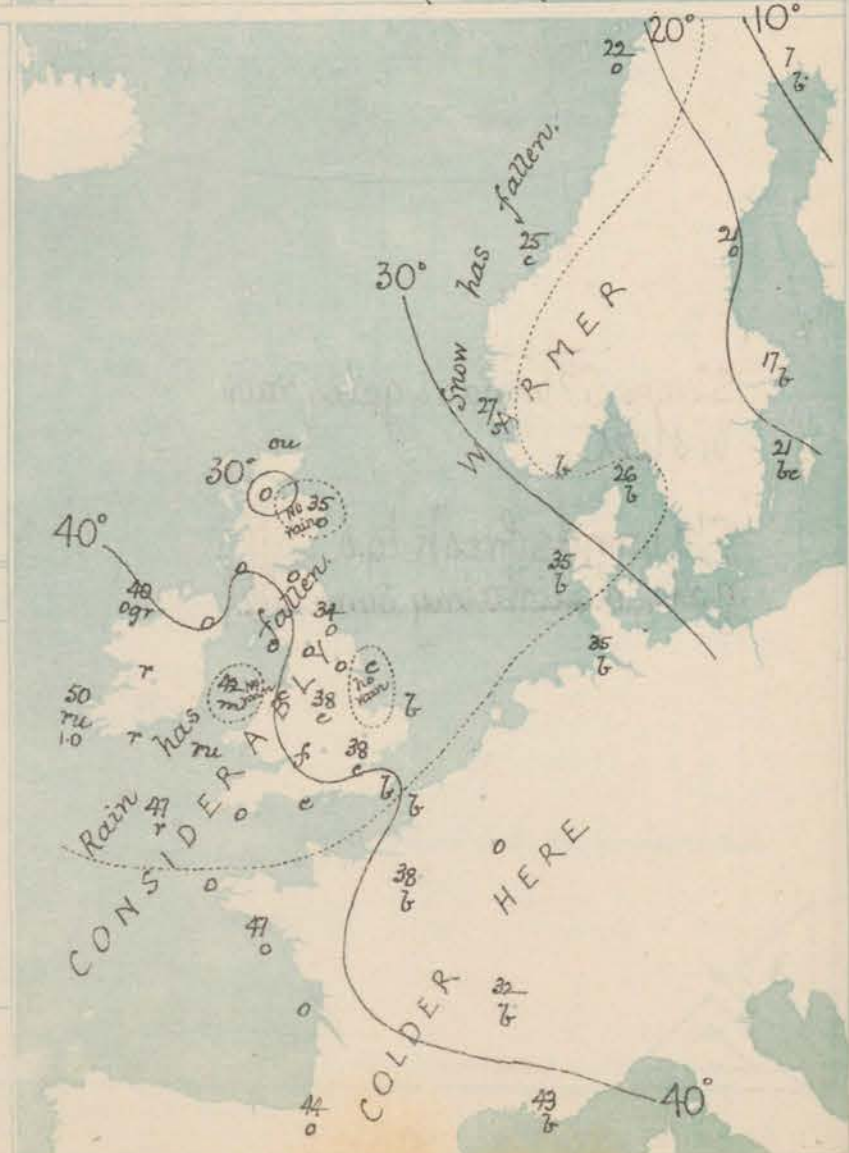
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of March

Stations	Temp.	Rain-fall
Sandburgh Head	33.6	1.62
Stornoway	39.5	4.30
Aberdeen	40.2	1.84
Shields	40.6	1.63
York	40.9	1.54
Millaghmore	42.3	2
Holyhead	43.4	2.12
Armagh	42.7	2.29
Valentia	44.1	4.16
Sally (St Mary's)	47.2	2.38
Burra Castle	49.5	2
Dover	49.9	2.03
LONDON	42.7	1.46
Yarmouth	41.8	1.91

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for WEDNESDAY 23rd MARCH 1881 at 8 a.m.

In the course of the past night a deep depression has arrived off the W^m coast of Ireland, causing the barometer to fall nearly 0.7 in: at Valencia, while it has risen briskly on our SE. coasts, and on the E^m shore of the North Sea. The wind has consequently backed to the S^{wd} all over our islands, with a considerable rise of temperature, and has already increased to the force of a moderate to fresh gale on our W^m coast, unaccompanied by much rain and a rough sea. In Scotland, also, the wind is freshening, with an overcast sky, but over our Midland and eastern counties it is at present light, and the weather fair, though the sky wears an unsettled appearance. The sea is rough in the extreme W. and SW., slight (at present) at Holyhead, smooth off Dover.

It seems probable that rough, unsettled weather is about to prevail very generally.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
24th MARCH

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Strong S ^{ly} winds & gales, rain & sleet.
2 SCOTLAND EAST	Strong S ^{ly} winds and gales, rain and sleet.
3 ENGLAND N.E.	Strong S ^{ly} winds and gales, rain and sleet.
4 ENGLAND EAST	Strong S ^{ly} winds and gales, rain and sleet.
5 MIDLAND COUNTIES	Strong S ^{ly} winds and gales, rain and sleet.
6 ENGLAND SOUTH	Strong S ^{ly} winds and gales, rain and sleet.

6 SCOTLAND WEST	Same as No 1
7 ENGLAND N.W.	Same as No 1
8 ENGLAND S.W.	S ^{ly} and SW ^{ly} gales; much rain, very unsettled.
9 IRELAND NORTH	S ^{ly} to SW ^{ly} gales; much rain, very rough, and unsettled.
10 IRELAND SOUTH	Same as No 1
WARNINGS	The S. cone was hoisted last evening in districts No 6 to 10. and in No 1 to 2 and part of 5 this morning.

METEOROLOGICAL OBSERVATIONS FOR 23rd MARCH 1881.

† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.		Dir.	Force (0 to 12).			Max.	Min.	
Haparanda ...	29.13	3	W	2	b	29.28	+ .21	7	5	+ 3	SW	2	b	*	18	3	7
Hernösand ...	29.23	18	SW	2	b	29.56	+ .21	21	18	+ 5	SW	4	o	*	32	16	-
Stockholm ...	29.71	17	W NW	2	b	29.76	+ .19	17	15	+ 5	W	2	b	*	27	5	-
Wisby ...	29.71	19	W SW	2	b	29.75	+ .18	21	21	+ 4	SSW	2	bc	*	27	9	-
Bodö ...	29.11	16	NW	1	s	29.15	+ .17	22	21	+ 4	W	9	o	*	23	14	-
Christiansund ...	29.54	24	W SW	8	s	29.61	+ .18	25	24	+ 3	W	9	c	6	25	12	0.16
† Skudesnaes ...	29.73	22	Z	0	bc	29.81	+ .23	27	26	+ 1	?	4	s	4	?	?	-
Oxö (Xtiansund) ...	29.64	27	N NW	4	b	29.87	+ .23	21	19	+ 2	NW	2	b	1	28	?	-
Skagen (The Skaw) ...	29.73	26	W SW	3	s	29.84	+ .19	26	25	+ 2	WNW	3	b	3	30	?	0.08
Fanö ...	29.86	29	WNW	4	bc	29.97	+ .24	35	31	+ 1	WNW	1	b	*	36	27	0.04
Cuxhaven ...	29.91	35	NE	1	b	30.01	+ .24	35	32	+ 1	WSW	2	b	*	?	30	-
† Sumburgh Head																	
† Stornoway ...																	
Wick ...	29.88	35	N	4	s	29.58	- .17	24	33	+ 8	S	5	om	5	35	25	0.06
Nairn ...	29.86	26	Z	0	b	29.63	- .15	29	29	+ 7	Z	0	o	3	35	21	-
† Aberdeen ...	29.83	34	Z	0	c	29.71	- .07	35	34	+ 11	S	4	o	3	38	23	-
Leith ...	29.88	33	E	1	o	29.69	- .11	36	34	+ 5	SSW	1	o	*	36	28	0.10
† Shields ...	29.86	31	SE	1	s	29.80	- .04	34	34	+ 7	SW	2	o	3	37	25	0.04
Spurn Head ...	29.93	33	W SW	4	c	29.91	+ .05	35	34	+ 3	SSW	3	o	5	44	32	-
York ...	29.91	39	W	3	c	29.85	- .03	35	33	+ 5	S	1	o	*	43	30	0.01
Nottingham ...	29.93	36	W	2	bc	29.85	- .06	38	36	+ 6	S	3	c	*	45	30	0.01
† Ardrossan ...	29.89	38	NW	3	c	29.64	- .19	40	39	+ 8	SE	3	o	2	40	31	0.08
† Mullaghmore ...	29.94	42	SW	2	o	29.51	- .41	40	39	- 1	S	6	rog	5	46	38	0.01
Donaghadee ...	29.92	40	NW	4	c	29.65	- .22	40	38	+ 8	S	3	o	1	44	32	0.01
Parsonstown ...	29.98	45	W	1	c	29.53	- .27	44	44	+ 8	SSW	4	z	*	48	35	0.16
Barrow-in-Furness ...	29.91	40	NW	4	o	29.76	- .07	40	39	+ 7	SE	5	o	4	45	31	0.04
† Holyhead ...	29.97	43	SW	4	c	29.71	- .18	42	40	+ 5	S	4	m	3	44	37	-
Liverpool (Biston) ...	29.94	40	W SW	4	o	29.79	- .09	39	37	+ 9	SSW	2	c	2	44	30	0.03
† Valentia ...	29.97	46	S	4	bc	29.38	- .67	50	49	+ 7	SSW	7	nm	6	52	41	0.95
Roche's Point ...	30.01	48	W SW	4	bc	29.51	- .53	47	47	+ 5	SSW	7	z	5	50	42	0.38
Pembroke ...	30.00	44	W	3	bc	29.72	- .19	43	43	0	SSW	5	nm	5	45	40	0.02
† Scilly ...	30.10	45	SW	4	c	29.73	- .38	47	47	+ 4	SSW	8	z	6	50	42	0.05
Prawle Point ...	30.10	43	W SW	4	b	29.86	- .21	44	40	+ 5	S	5	o	5	49	37	-
Hurst Castle ...	30.06	44	N NW	3	bc	29.93	- .09	43	41	+ 9	SW	4	c	3	47	32	0.02
† Dover ...	30.01	39	N NE	3	b	30.00	+ .10	41	39	+ 7	W	3	b	1	42	31	0.03
† London ...	30.02	42	NW	1	bc	29.96	- .00	38	36	+ 4	S	2	c	*	47	28	0.04
Oxford ...	30.05	38	WNW	2	b	29.90	- .07	35	33	+ 3	SSW	1	f	*	45	30	0.03
Cambridge ...	29.99	38	NW	1	c	29.94	+ .01	34	33	+ 2	S	1	c	*	42	26	-
† Yarmouth ...	29.97	38	WNW	2	c	29.96	+ .14	36	34	+ 2	SW	2	b	3	39	30	0.01
The Helder ...	29.97	41	NW	1	b	29.96	+ .23	37	35	+ 3	WSW	2	b	2	?	30	0.35
Cape Gris Nez ...	30.02	38	N	1	bc	30.04	+ .16	36	35	+ 2	WSW	1	b	2	41	34	-
† Jersey ...																	
Brest ...	30.14	45	SW	3	c	29.84	- .30	48	45	+ 11	S	7	o	6	50	34	-
Lorient ...	30.11	44	SW	3	bc	29.88	- .25	47	41	+ 8	SSW	7	o	4	?	37	-
† Rochefort ...	30.18	49	W	1	b	29.98	- .12	41	35	- 2	SE	7	o	2	55	36	-
Biarritz ...	30.10	43	NE	4	bc	29.90	- .22	44	41	- 8	C	5	o	2	59	44	0.04
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	*	*	*	*	*	30.07	+ .31	33	32	+ 1	SSW	2	bc	*	39	30	0.16
Charleville ...	30.02	35	NW	5	s	30.20	?	30	30	- 2	S	4	o	*	43	30	-
Paris ...	30.08	43	NW	4	bc	30.10	+ .12	38	36	+ 1	SE	4	b	*	*	*	-
Lyons ...	30.15	41	N NW	4	b	30.19	+ .34	32	38	- 6	SW	1	b	*	47	29	-
Toulon ...	29.91	43	NW	9	b	30.11	+ .27	43	?	- 1	NE	5	b	2	48	37	-

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.62	32	W SW	5	o	28.54	- .08	32	32	+ 6	SSW	4	o	*	34	25	0.07
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.59	29	28	?w	6	S	4	Valentia ...	30.05	46	43	SW	4	c m	4
Sumburgh Head								Scilly ...	30.12	48	43	WSW	4	bc	4
Stornoway ...								Dover ..	29.97	37	34	W	5	esq	3
Aberdeen ...	29.83	34	32	NE	4	bc	3	London ...	29.95	39	38	W	2	c	*
Shields ...	29.86	37	36	W	2	o	3	Yarmouth ...	29.91	38	33	NW	3	bc	4
Ardrossan ...	29.91	37	36	W	3	a	2	Jersey...							
Mullaghmore ...	29.93	45	41	WNW	6	ogp	6	Rochefort ...	30.18	51	43	NW	4	b	2
Holyhead...	29.98	43	39	W	4	b	3								

The small depression noticed over England this morning, and which brought with it a steady fall of snow, has now passed off to the SE^{ward}. The appearance is, however, far from being settled, and in the W. the wind is backing.

EXPLANATION OF COLUMNS.

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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).
 † Received too late for insertion in charts.



DAILY WEATHER REPORT

F O R

THURSDAY, 24TH MARCH.

1881.


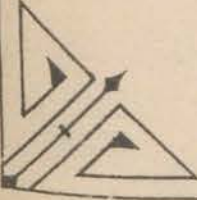
ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

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ROBERT H. SCOTT

(SECRETARY.)

Printed by D. B. Danvers, 116, Victoria St. London, W.

WEATHER CHARTS

for 8 a.m. on Thursday 24th March. 1861

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

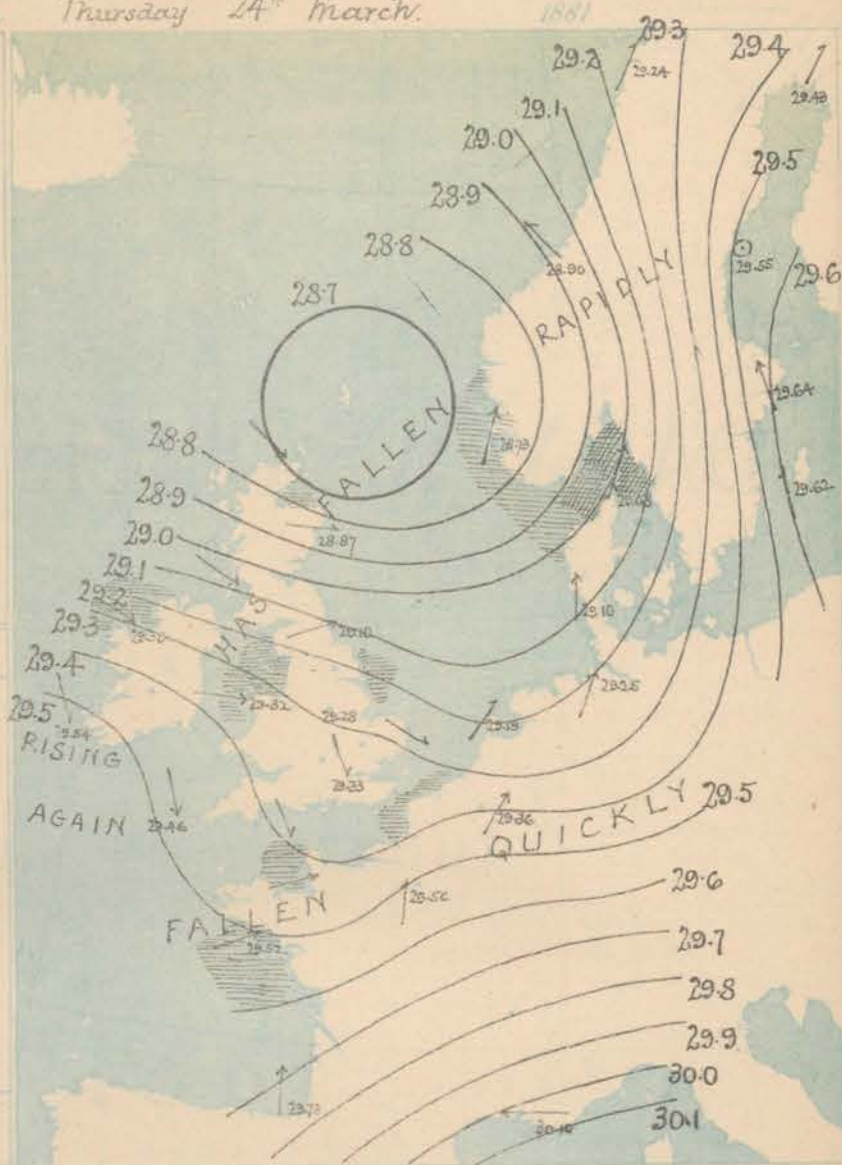
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
— force above 10; — force 8 to 10;
— force 5 to 7; — force 1 to 4;
⊙ = dead calm.

Sea Disturbance; where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN^s HEIGHT of the BAROMETER for the month of March.

Stations	Mean Readings
Nairn	29.853
Aberdeen	29.858
Leith	29.868
Scarborough	29.912
Ardrossan	29.894
Greenock	29.880
Holyhead	29.897
Valentia	29.917
Rock's Pt.	29.973
Plymouth	29.947
LONDON	29.940
Farmouth	29.925

These means are for the 10 years 1851-60. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

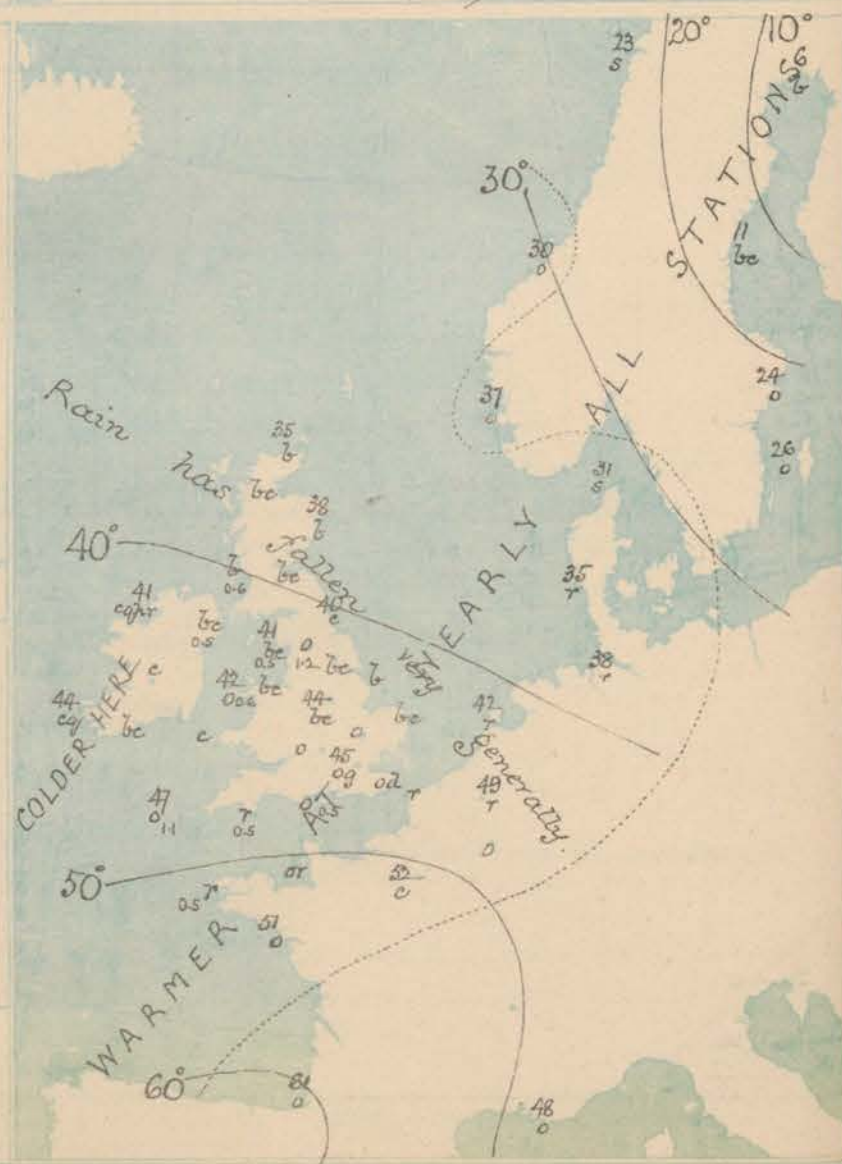
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS^s OF TEMPERATURE AND RAINFALL for the month of March.

Stations	Temp	Rain-fall
Sandwich Head	33.8	1.12
Sornway	36.5	4.20
Aberdeen	40.2	7.84
Shetland	40.6	1.53
York	40.0	1.54
Mullaghmore	42.3	2
Holyhead	43.4	2.72
Parsloftown	42.7	2.20
Valentia	44.7	4.16
Sally (St Mary's)	47.2	2.16
Hurst Castle	43.5	2
Dover	42.9	2.03
LONDON	42.7	1.40
Farmouth	41.9	1.91

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1860 to 1869.



REMARKS

for THURSDAY 24TH MARCH 1881 at 8 a.m.

The centre of the depression which arrived off the west of Ireland yesterday has now reached the neighbourhood of the Fletlands, while subsidiary disturbances have appeared over the North Sea and the southern half of England. The wind has veered to the Wnd on our N. and E. coasts during the night, and to N.W. in the W. and S., and though light over our S. districts still blows strongly in the N.W. and N. Temperature is higher over England than it was at 8 a.m. yesterday, but is falling in Ireland, and readings vary from between 45° and 47° on our S. coast to 35° in the N. of Scotland. Rain has fallen everywhere during the past 24 hours, heavily in some of our W. and N.W. districts. The sky has since cleared in the N. and N.E. but is generally cloudy and showery elsewhere, with hail at Mullaghmore. The sea is rough on the N.W. coast of our Islands, and also on the N. and W. coasts of France, generally moderate elsewhere, slight off Dover.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

25TH MARCH

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	N.W. ² winds, strong to fresh; squally cold showers.
2 SCOTLAND EAST	— — — — —
3 ENGLAND N.E.	W ² to N.W. ² winds, fresh to strong; squally, fair to showery.
4 ENGLAND EAST	— — — — —
5 MIDLAND COUNTIES	Wind generally N.W. ² , fresh; gusty, fair at first then cold showers.
6 ENGLAND SOUTH	— — — — —

DISTRICTS

FORECASTS

6 SCOTLAND WEST	N.W. ² winds, strong; squally, cold showers.
7 ENGLAND N.W.	— — — — —
8 ENGLAND S.W.	N.W. ² winds, fresh, gusty, showery to fair.
9 IRELAND NORTH	N.W. ² winds, strong to fresh, squally, showery to fair.
10 IRELAND SOUTH	— — — — —
WARNINGS	The south cone is still hoisted in districts No 1, 2, 6, 7, and 9.

METEOROLOGICAL OBSERVATIONS FOR

8th MARCH

1881.

	† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda	29.41	12	SW	2	b	29.43	+15	6	5	-1	SW	2	6	*	21	5	-			
Hernösand	29.68	16	Z	0	b	29.55	-01	11	10	-10	Z	0	60	*	34	12	-			
Stockholm	29.32	17	W	2	b	29.64	-12	24	22	+7	S	6	0	*	29	10	-			
Wisby	29.30	22	SW	2	b	29.62	-13	26	24	+5	S	4	0	*	30	7	-			
Bodö	29.24	22	NW	3	c	29.24	+39	23	22	+1	SSW	2	5	2	23	21	-			
Christiansund	29.50	28	SSW	6	c	28.90	-71	20	26	+5	SE	7	0	4	30	14	0.20			
Skudesnaes	29.52	32	SE	9	c	28.93	-102	37	36	+13	SSW	0	0	6	?	?	-			
Oxö (Xtiansund)	29.70	31	S	4	0	28.73	-130	33	33	+12	S	3	5	6	?	?	0.16			
Skagen (The Skaw)	29.79	31	WSW	4	0	29.02	-76	31	31	+5	SSW	9	5	8	32	?	0.04			
Fanö	29.58	33	S	6	0	29.10	-87	35	34	0	S	6	2	*	36	32	0.12			
Cuxhaven	29.92	37	S	5	0	29.25	-76	38	38	+3	SSW	5	2	*	?	32	0.17			
†Sumburgh Head																				
†Stornoway																				
Wick	29.04	37	S	7	A	28.65	-93	35	33	+1	NW	5	6	4	38	30	0.15			
Nairn	28.93	39	W	2	0	28.81	-82	35	33	+6	W	6	60	5	39	29	-			
†Aberdeen	29.13	36	S	6	A	28.37	-84	38	34	+3	W	4	6	3	39	33	0.21			
Leith	29.12	37	N	1	A	28.99	-70	38	35	+2	W	4	60	*	44	35	0.22			
†Shields	29.25	38	S	5	A	29.10	-70	40	38	+6	WSW	5	0	2	42	34	0.12			
Spurn Head	29.43	40	S	7	A	29.21	-70	41	40	+6	WSW	5	6	5	45	34	0.06			
York	29.33	40	S	4	A	29.22	-63	40	38	+5	WNW	3	60	*	45	34	0.12			
Nottingham	29.43	42	SSW	7	A	29.28	-57	44	41	+6	SW	1	60	*	48	36	0.04			
†Ardrossan	29.06	41	SW	5	A	29.08	-56	40	38	0	WNW	6	6	4	44	36	0.64			
†Mullaghmore	29.18	40	W	5	6	29.30	-21	41	39	+1	WNW	7	60	6	49	38	0.36			
Donaghadee	29.10	45	W	4	0	29.23	-42	39	36	-1	W	4	60	2	47	36	0.51			
†Parsonstown	29.22	51	NW	2	0	29.42	-11	40	39	-4	W	1	0	*	52	39	0.39			
Barrow-in-Furness	29.14	41	SSW	7	A	29.23	-55	41	38	+1	WSW	4	60	6	44	37	0.52			
†Holyhead	29.19	44	S	7	A	29.32	-39	42	38	0	W	6	0	5	46	39	0.59			
Liverpool (Bidston)	29.25	41	SSW	6	0	29.26	-53	41	38	+2	W	6	60	3	48	38	0.04			
†Valentia	29.31	49	WNW	5	0	29.54	+16	44	42	-6	WNW	4	0	4	54	41	0.44			
Roche's Point	29.31	44	WNW	5	0	29.48	-03	42	39	-5	NW	4	60	4	52	40	0.30			
Pembroke	29.24	47	SSW	5	A	29.39	-33	44	40	+1	NW	3	0	2	47	35	0.32			
†Scilly	29.39	51	SSW	8	A	29.46	-27	47	45	0	WNW	5	0	4	51	45	1.05			
Prawle Point	29.47	44	SSW	6	A	29.40	-46	43	43	-1	NW	4	A	4	48	40	0.50			
Hurst Castle	29.55	42	SSW	5	A	29.36	-57	45	45	+2	WNW	2	0	3	47	43	0.50			
†Dover	29.63	46	SW	5	0	29.31	-69	48	47	+1	W	4	0	3	49	39	0.36			
†London	29.59	42	S	7	0	29.33	-66	45	44	+1	WNW	3	0	*	49	38	0.24			
Oxford	29.42	40	S	7	0	29.34	-56	44	41	+9	WNW	2	0	*	48	35	0.08			
Cambridge	29.51	44	S	5	0	29.31	-63	43	41	+9	NW	1	0	*	48	32	0.04			
†Yarmouth	29.62	43	S	4	0	29.26	-70	43	42	+1	WNW	4	60	2	45	35	0.07			
The Helder	29.62	40	SSW	1	A	29.19	-67	42	42	+5	SW	2	A	2	43	36	0.28			
Cape Gris Nez	29.69	45	SW	5	0	29.35	-69	48	48	+12	SW	8	A	5	?	34	-			
†Jersey	29.62	43	W	6	0	29.45	-51	50	50	+7	WSW	6	0	5	51	42	0.29			
Brest	29.49	51	SSW	7	A	29.50	-34	51	50	+3	WNW	5	A	4	?	46	0.17			
Lorient	29.58	50	S	7	A	29.52	-36	51	50	+4	WSW	5	0	5	?	45	0.20			
†Rochefort	29.75	52	SSW	7	A	29.69	-27	52	50	+11	S	5	0	2	55	?	-			
Biarritz	29.77	64	S	5	0	29.73	-17	61	54	+17	S	5	0	2	68	43	-			
Cornuna	*	*	*	*	*			*						*	*	*	*			
Brussels	*	*	*	*	*	29.36	-71	49	47	+16	SW	7	A	*	?	?	0.04			
Charleville	29.36	44	SE	5	0	29.54	-66	46	43	+16	S	5	0	*	55	?	0.08			
Paris	29.78	51	SE	4	0	29.56	-54	52	49	+14	S	4	0	*	*	*	0.04			
Lyons	29.85	53	S	7	0	29.84	-35	47	44	+15	S	9	0	*	56	?	-			
Toulon	30.12	49	NNE	4	0	30.10	-01	48	43	+5	E	7	0	4	54	41	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.04	33	S	7	S	29.93	-61	34	33	+2	WSW	5	0	*	39	32	1.20			

HIGH LEVEL STATION.

Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.04	33	S	7	S	29.93	-61	34	33	+2	WSW	5	0	39	32	1.20
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.55	32	30	SE	6	S	Valentia	29.26	32	52	WSW	5	0
Sumburgh Head							Scilly	29.50	50	50	S	8	0
Sornoway							Dover	29.81	45	42	SW	4	0
Aberdeen	29.43	38	37	S	4	0	London	29.74	47	41	SE	6	0
Shields	29.52	42	40	SW	4	A	Yarmouth	29.78	44	41	S	4	0
Ardrossan	29.33	37	36	S	4	A	Jersey						
Mullaghmore	29.06	47	44	W	4	A	Rochefort	29.83	53	44	SE	8	0
Holyhead	29.39	43	42	S	7	29							

The depression in the W. is moving NE^{ly}, and S^{ly} winds, strong to a gale in force, are spreading all over the Kingdom, with dull squally weather, and rain at our W^{ly} stations. The S. core is up on all our coasts.

EXPLANATION OF COLUMNS.

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. equally; 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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).
 § Received too late for insertion in charts.



DAILY WEATHER REPORT

F O R

FRIDAY, 25TH MARCH,

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

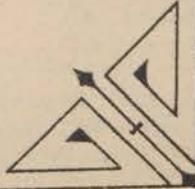
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ROBERT H. SCOTT
(SECRETARY.)



Fred. Dangerfield Lith. 22 Bedford St. Great Britain.

WEATHER CHARTS

for 8 a.m. on Friday 25th MARCH.

1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds.

They fly with the wind, and their

barbs and feathers refer to force, thus:

— forces above 10; — forces 8 to 10;

— forces 5 to 7; — forces 1 to 4;

○, dead calm.

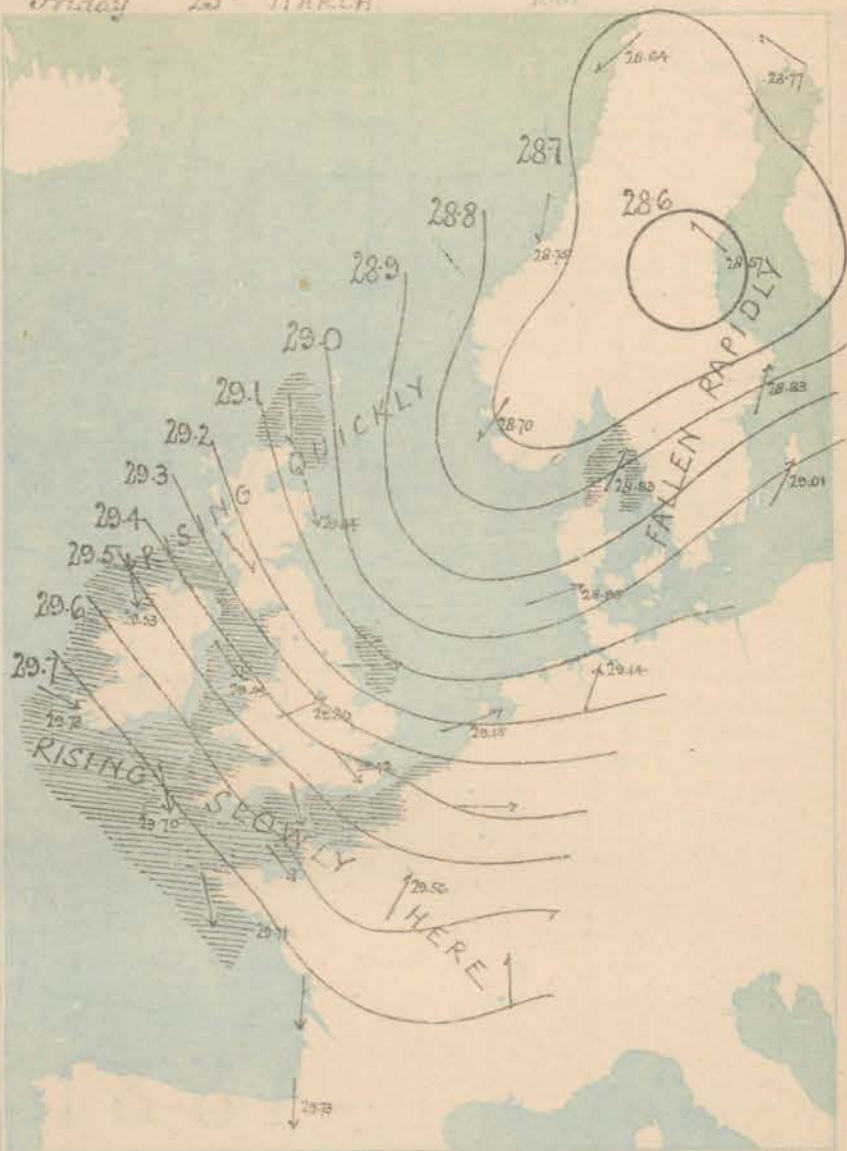
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN^h HEIGHT of the BAROMETER

for the month of March.

Stations.	Mean Readings.
Nairn	29.853
Aberdeen	29.858
Leith	29.861
Scarborough	29.912
Ardrossan	29.896
Greencastle	29.889
Holyhead	29.897
Valentia	29.917
Roche's Pt.	29.973
Plymouth	29.947
LONDON	29.940
Yarmouth	29.925

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

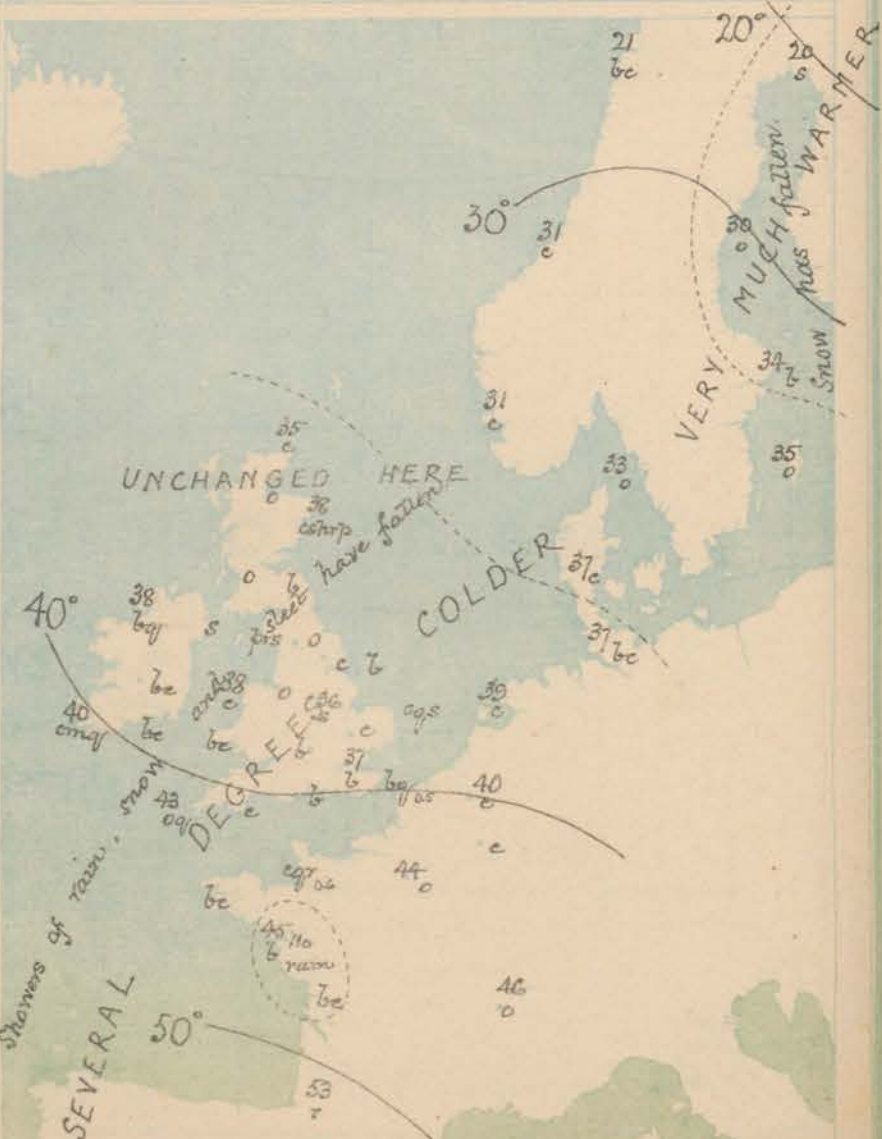
MEANS^h OF TEMPERATURE

AND RAINFALL.

for the month of March.

Stations	Temp.	Rain-fall
Sandburgh Head	33.6	1.02
Sarnesay	39.5	4.30
Aberdeen	40.2	1.64
Shields	40.6	1.63
Wick	40.9	1.64
Mullaghmore	42.3	0
Holyhead	43.4	2.12
Parsonstown	42.7	2.29
Valentia	44.1	4.16
Sally (St. Mary's)	47.2	2.18
Hurst Castle	43.5	7
Dover	42.9	2.03
LONDON	42.7	1.46
Yarmouth	41.9	1.91

The mean Temperatures are those for the 13 years 1867-79, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

For FRIDAY 25th MARCH 1881 at 8 a.m.

The deep depression which lay in the NE yesterday has since travelled NErd, and is now shown over Sweden, where the barometer has fallen nearly an inch. In Denmark and North Germany, also the mercury has fallen, but over the whole of these Islands and France a recovery has taken place. Readings are highest off our SW coast and over the Bay of Biscay, and moderately steep gradients exist over us. The wind is NW² and N² on our N^o and W^o coasts and in West France, W² in the E. of England and over the Netherlands, and SW² to S² in Denmark and Sweden. It is strong to a gale in force almost everywhere, and during yesterday or last night, blew a severe gale all over the more N parts of the Kingdom. The weather is unsettled; in the SE., and at some W^o stations the sky is clear, but in most districts it is cloudy or overcast, with showers of snow or hail in some places. Showers occurred at all stations yesterday or last night. Temperature has fallen generally, and readings range from 43° at Scilly to 33° in N. Scotland and at Yarmouth. The minima last night were between 30° and 33° except in the SW. The sea is rough.

MAP SHOWING DISTRICTS



FORECASTS

For the 24 hours ending at Noon
on the

26th MARCH

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	N ² and NW ² winds, strong to moderate, cloudy to showery then fair. Cold.	6 SCOTLAND WEST	NW ² gales to strong winds; sleet and rain showers then fair.
2 SCOTLAND EAST	— — — — —	7 ENGLAND N.W.	— — — — —
3 ENGLAND N.E.	— — — — —	8 ENGLAND S.W.	NW ² winds, strong; cloudy, cold.
4 ENGLAND EAST	W ² and NW ² winds, strong to moderate, fair on the whole, but with occasional showers.	9 IRELAND NORTH	N ² and NW ² gales and strong winds; fair generally with occasional showers.
5 MIDLAND COUNTIES	— — — — —	10 IRELAND SOUTH	— — — — —
6 ENGLAND SOUTH	W ² and NW ² winds, fresh, fair generally but with occasional showers.	WARNINGS	The north cone was hoisted in districts Nos 3, 6, 7, 9, and part of 10 last night. In the N. the signals are now down.

METEOROLOGICAL OBSERVATIONS FOR

25th MARCH

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.25	16	S	2	b	28.77	-0.66	20	20	+14	SE	4	s	*	21	?	0.08		
Hernösand ...	28.98	16	SE	3	s	28.57	-0.98	30	30	+19	SE	4	o	*	?	-2	0.08		
Stockholm ...	28.99	31	S	6	o	28.83	-1.81	34	32	+10	SW	6	b	*	?	12	0.04		
Wisby ...	29.07	33	S	4	o	29.01	-0.61	35	33	+9	WSW	4	o	*	37	12	-		
Bodö ...	28.95	12	NE	4	b	28.64	-1.60	21	20	-2	ENE	2	b	1	25	19	-		
Christiansund...	28.60	31	WSW	1	o	28.75	-1.15	31	31	+1	NNE	3	o	4	34	21	-		
†Skudesnaes ...	28.70	34	SSW	7	e	28.70	-0.03	31	30	-6	NE	4	o	4	37	?	-		
Oxö (Xiansund)...																			
Skagen (The Skaw)	28.92	34	SW	5	b	28.83	-1.25	33	33	+2	SW	5	o	6	36	?	-		
Fanö ...	29.04	36	WSW	4	b	28.93	-1.17	37	34	+2	WSW	6	o	*	39	34	-		
Cuxhaven ...	29.18	44	WSW	5	o	29.14	-1.11	37	37	-1	SW	5	b	*	?	36	0.11		
†Sumburgh Head																			
†Stornoway ...																			
Wick ...	28.63	35	NW	6	e	29.13	+4.8	35	34	0	N	4	o	5	37	30	0.16		
Nairn ...	28.46	32	W	9	s	29.03	+1.22	35	34	0	NW	5	o	4	37	30	0.25		
†Aberdeen ...	28.74	37	W	6	e	29.04	+1.17	38	26	0	NNW	6	b	3	42	33	0.11		
Leith ...	28.96	37	N	8	b	29.14	+1.15	40	36	+2	W	1	b	*	43	32	0.03		
†Shields ...																			
Spurn Head ...	29.21	40	WSW	5	e	29.14	-0.07	38	36	-3	W	7	b	5	45	33	0.02		
York ...	29.21	38	W	3	b	29.18	-0.04	37	35	-3	W	5	e	*	47	33	0.04		
Nottingham ...	29.30	42	W	5	e	29.30	+0.02	26	33	-8	WSW	5	s	*	51	30	0.02		
†Ardrossan ...	29.08	35	NNW	10	hsp	29.23	+1.15	40	39	0	NW	3	o	2	41	32	0.10		
†Mullaghmore ...	29.35	39	NNW	8	cq	29.58	+2.23	38	35	-3	NNW	8	b	6	43	32	0.09		
Donaghadee ...	29.25	38	NW	5	b	29.33	+1.10	34	34	-5	NW	7	s	5	44	31	0.09		
Parsonstown ...	29.46	40	NNW	2	e	29.61	+1.19	34	33	-6	NNW	1	b	*	46	32	0.05		
Barrow-in-Farress	29.23	39	NNW	6	o	29.25	+0.02	36	35	-5	W	7	hsp	6	46	34	0.14		
†Holyhead ...	29.34	41	W	6	qch	29.42	+1.10	38	34	-4	NW	7	e	6	45	35	0.03		
Liverpool (Bidston)	29.27	40	WSW	7	e	29.29	+0.03	37	34	-4	W	9	o	6	45	34	0.12		
†Valentia ...	29.61	46	NW	5	cp	29.73	+1.19	40	38	-4	NNW	5	cmq	5	52	39	0.06		
Roche's Point...	29.55	44	NW	5	b	29.66	+1.18	39	36	-3	NW	4	b	4	47	37	-		
Pembroke ...	29.42	44	W	4	b	29.54	+1.15	39	36	-5	NW	6	b	5	46	38	0.02		
†Scilly ...	29.60	48	NNW	6	e	29.70	+1.24	43	42	-4	NNW	6	oq	5	49	41	0.02		
Prawle Point ...	29.63	43	NNW	4	e	29.60	+1.20	40	37	-3	NNW	5	e	5	50	32	-		
Hurst Castle ...	29.47	46	NNW	4	b	29.50	+1.14	40	36	-5	NW	6	b	4	48	38	0.10		
†Dover ...	29.38	45	SW	1	b	29.39	+0.08	40	36	-8	W	5	b	3	49	35	0.23		
†London ...	29.39	45	NW	2	b	29.42	+0.09	37	33	-8	NW	6	b	*	49	33	0.08		
Oxford ...	29.40	42	NNW	4	b	29.42	+0.08	37	34	-7	NNW	6	b	*	49	33	0.03		
Cambridge ...	29.34	44	NNW	1	b	29.32	+0.01	37	34	-6	W	2	e	*	50	32	-		
†Yarmouth ...	29.30	44	WSW	3	b	29.25	-0.01	35	33	-8	W	5	oq	3	47	33	0.03		
The Helder ...	29.25	41	SW	2	b	29.15	-0.04	39	35	-3	WSW	5	e	3	45	37	0.04		
Cape Gris Nez ...	29.41	45	W	4	e	29.03	-1.32	40	?	+2	WSW	8	b	5	50	?	0.47		
†Jersey ...	29.38	45	NNW	3	cm	29.66	+1.21	42	40	-8	NW	7	cm	5	51	39	0.63		
Brest ...	29.65	47	NE	5	b	29.69	+1.19	45	44	-6	NNW	7	b	4	?	43	0.23		
Lorient ...	29.58	46	N	7	s	29.71	+1.19	45	42	-6	?NNW	7	b	4	54	41	-		
†Rochefort ...	29.64	57	SW	7	e	29.76	+1.07	47	43	-5	N	5	b	1	61	39	-		
Biarritz ...	29.65	64	Z	0	z	29.73	-0.08	53	50	-8	N	5	e	2	66	48	0.16		
Corunna ...	*	*	*	*	*									*	*	*	*		
Brussels ...	*	*	*	*	*	29.37	+1.01	40	36	-9	W	5	e	*	54	35	0.83		
Charleville ...	29.43	46	SW	1	o	29.47	-0.04	39	39	-7	SW	1	e	*	54	39	0.32		
Paris ...	29.45	61	SW	4	e	29.56	-0.09	44	42	-8	SW	4	o	*	*	*	0.16		
Lyons ...	29.71	34	S	7	o	29.43	-1.41	46	43	-1	S	1	o	*	?	?	0.04		
Toulon ...																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.94	34	W	6	o	29.94	+0.01	32	32	-2	W	7	o	*	38	27	0.07		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.94	34	W	6	o	29.94	+0.01	32	32	-2	W	7	o	*	38	27	0.07
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudesnaes ...	28.75	36	35	sw	9	8	6	Valentia ...	29.58	50	47	nnw	5	cp	5
Sumburgh Head								Scilly ...	29.36	48	45	nw	5	c	4
Stornoway ...								Dover ..	29.33	45	44	wnw	2	on	2
Aberdeen. ...	28.83	40	35	w	6	0	3	London ...	29.35	43	47	wnnw	3	c	*
Shields ...	29.09	44	44	wnw	6	6	2	Yarmouth ...	29.27	46	42	wnnw	4	c	2
Ardrossan ...	29.08	33	37	wnw	9	6	7	Jersey ...	29.51	44	43	n	3	n	3
Mullaghmore ...	29.33	41	38	nw	2	cp	7	Rochefort ...	29.69	59	55	sw	5	c	2
Holyhead ...	29.34	43	38	w	5	o p h r	5								

The depression in the N. is growing deeper and W. to NW gales are setting on our N. and NW coasts, accompanied by squalls of sleet and hail in places. The warning signals are still up in the NW, NE, and NE.

EXPLANATION OF COLUMNS.

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.
 † The evening observations are taken at 8 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

SATURDAY, 26TH MARCH.

1881.

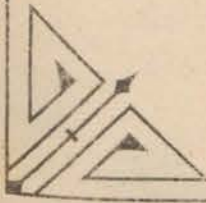
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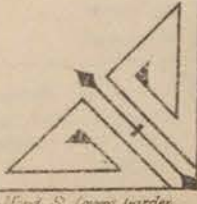
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ROBERT H. SCOTT

(SECRETARY.)



Fred^s Dargerfield, Lith 22, Bullford St. Coombe Garden.

WEATHER CHARTS

for 8 a.m. on SATURDAY 26th March.

1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4.

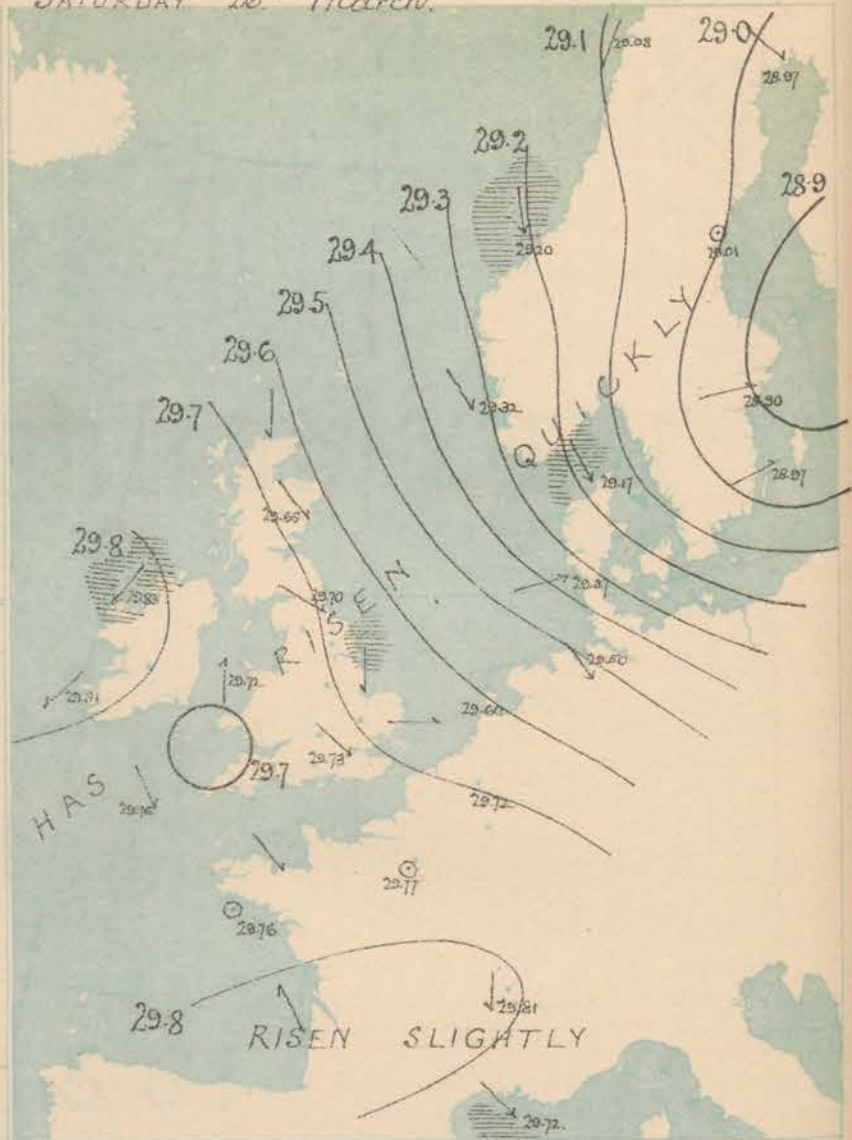
○ = dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast: thus — Rough; — High.

MEAN HEIGHT of the BAROMETER for the month of March.

Stations.	Mean Readings
Nairn	29.853
Aberdeen	29.858
Leith	29.888
Scarborough	29.912
Ardrossan	29.894
Greencastle	29.889
Holyhead	29.897
Valentia	29.917
Roches Pt.	29.873
Plymouth	29.942
LONDON	29.940
Farmouth	29.925

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

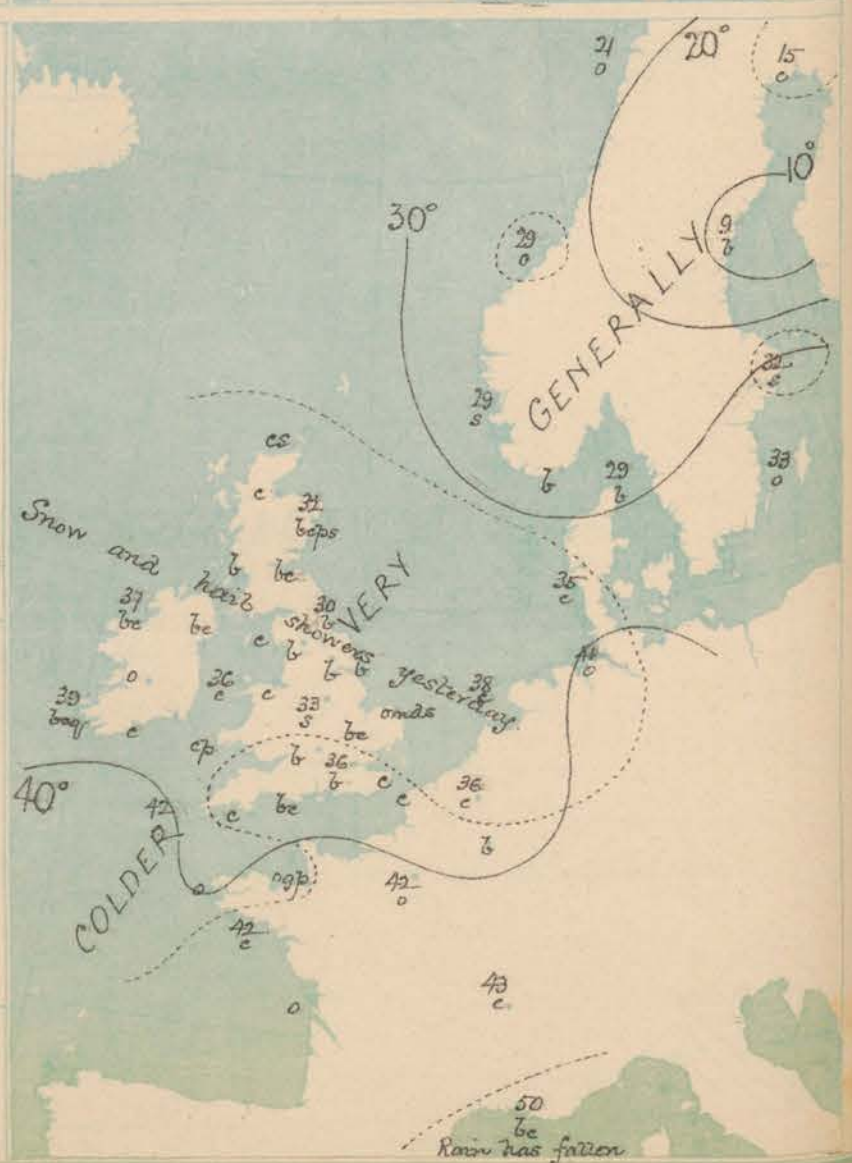
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

falls of 0.5 in. or more, are quoted in figures.

MEANS of TEMPERATURE AND RAINFALL for the month of March.

Stations	Temp.	Rain-fall
Sunderburgh Head	33.6	1.02
Stornoway	30.5	1.20
Aberdeen	40.7	1.84
Shields	40.6	1.53
York	40.9	1.54
Mullaghmore	42.3	2
Holyhead	42.4	1.72
Portsmouth	42.7	2.29
Valentia	44.7	4.78
Sally (St Mary's)	47.2	2.10
Ilfracombe	43.5	2
Dover	42.9	2.03
LONDON	42.7	1.46
Farmouth	44.9	1.91

The mean Temperatures are those for the 15 years 1857-69; the mean amounts of Rain are those for the 10 years 1860 to 1875.



REMARKS

for SATURDAY 26th MARCH 1881, at 8 a.m.

The weather is much quieter than of late. The barometer is rising everywhere, but the change being much greater in the N. and NE. than in the SW. and over France, gradients over these Islands have decreased very considerably. At the same time a small subsidiary depression has appeared in the SW. The wind is NW^{ly} to N^{ly} on all coasts, and is generally light or moderate in force, but over Denmark and North Germany, as well as over North Ireland it blows freshly or strongly. The sky is moderately clear at the majority of our stations, but is cloudy or showery in a few places, while on the Continent generally the weather is dull. Snow is reported from Kiel, Aberdeen, Larmouth, and Nottingham, and during the past 24 hours showers of hail, rain or snow have occurred except in the S. of England. Temperature has again fallen, and readings range from 42° at Scilly to 36° at Naerw and Shields. Slight frost was experienced in the N. and E. last night. Sea is moderate to smooth.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
27th MARCH

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	N ^{ly} and NW ^{ly} breezes, moderate or light; fair on the whole.	6 SCOTLAND WEST	NW ^{ly} breezes, light; fair.
2 SCOTLAND EAST	— — —	7 ENGLAND N.W.	N ^{ly} breezes, light; cloudy, slight showers.
3 ENGLAND NE	— — —	8 ENGLAND S.W.	N ^{ly} breeze, light; cloudy and showery then fair.
4 ENGLAND EAST	Light NW ^{ly} breezes; fair.	9 IRELAND NORTH	N ^{ly} breezes, moderate or fresh; fair but clouding over at times with slight showers.
5 MIDLAND COUNTIES	Light breezes, NW ^{ly} at first, then variable; fair and mild.	10 IRELAND SOUTH	— — —
6 ENGLAND SOUTH	— — —	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR

26TH MARCH

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.									PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.				
			Dirce.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	28.62	22	SE	2	0	28.94	+ .20	15	14	- 5	NW	2	0	*	27	12	0.12		
Hernösand	28.82	24	Z	0	6	29.01	+ .44	9	9	- 21	Z	0	6	*	30	?	-		
Stockholm	28.89	39	SW	2	0	28.90	+ .07	32	31	- 2	W	2	6	*	37	30	0.16		
Wisby	28.95	31	SW	4	0	28.97	- .04	33	32	- 2	WSW	4	0	*	41	27	-		
Bodö	28.91	18	Z	0	6	29.08	+ .44	21	18	0	NE	2	0	2	27	16	-		
Christiansund	28.88	26	NW	6	6	29.20	+ .45	29	26	- 2	N	6	0	5	?	16	0.28		
†Skudesnaes	29.06	29	NW	7	S	29.32	+ .62	29	28	- 2	NNW	4	8	4	37	28	-		
Oxö (Klansund)	28.91	33	NW	2	6	29.22		27	24		NW	4	6	2	36	25	-		
Skagen (The Skaw)	28.93	30	NNW	3	m	29.17	+ .34	29	28	- 4	NNW	6	6	5	37	28	-		
Fanö	29.15	35	WNW	6	6	29.37	+ .44	35	33	- 2	WNW	6	0	*	?	30	0.08		
Cuxhaven	29.18	43	W	6	0	29.50	+ .36	41	40	+ 4	NW	6	0	*	?	34	0.04		
†Sumburgh Head																			
†Stornoway																			
Wick	29.47	33	NNW	6	c	29.67	+ .54	33	32	- 2	N	3	SE	4	38	25	0.07		
Nairn	29.56	34	N	4	6	29.70	+ .67	30	28	- 5	NW	2	c	2	38	30	0.04		
†Aberdeen	29.42	37	N	5	0	29.65	+ .61	32	31	- 6	NW	4	6	3	40	28	0.10		
Leith	29.44	40	E	1	6	29.74	+ .60	34	33	- 6	NW	1	6	*	44	28	0.03		
†Shields	29.37	39	NE	5	6	29.70	+ .54	30	30	- 13	WNW	2	6	4	46	29	0.03		
Spurn Head	29.30	40	NW	4	c	29.67	+ .53	36	34	- 2	N	4	6	5	43	34	0.09		
York	29.38	41	N	1	c	29.72	+ .54	33	31	- 4	N	1	6	*	47	29	0.04		
Nottingham	29.47	37	NNW	4	0	29.72	+ .42	33	32	- 3	W	1	S	*	41	30	0.16		
†Ardrossan	29.42	36	NW	2	S	29.76	+ .53	34	32	- 6	NW	2	6	1	42	28	0.15		
†Mullaghmore	29.57	36	NW	8	q	29.83	+ .30	37	35	- 1	NE	5	6	5	42	31	0.13		
Donaghadee	29.49	35	NW	5	c	29.78	+ .45	37	33	+ 3	N	5	6	3	40	32	0.01		
Parsonstown	29.65	38	NW	2	c	29.82	+ .21	33	32	- 1	N	1	0	*	43	30	0.02		
Barrow-in-Furness	29.44	38	NW	6	0	29.71	+ .46	32	31	- 4	NE	2	c	4	43	30	0.48		
†Holyhead	29.52	40	NW	6	6	29.72	+ .30	36	35	- 2	S	2	c	1	41	27	0.04		
Liverpool (Bidston)	29.47	36	W	7	0	29.71	+ .42	34	34	- 3	S	1	c	1	38	33	0.12		
†Valentia	29.74	42	NNW	5	6	29.81	+ .08	39	39	- 1	NE	4	6	4	46	33	0.04		
Roche's Point	29.68	42	NNW	5	6	29.75	+ .09	36	34	- 3	N	4	c	4	46	33	0.04		
Pembroke	29.60	36	NNW	3	S	29.69	+ .15	37	35	- 2	NE	2	c	2	42	34	0.02		
†Scilly	29.73	45	WNW	6	0	29.76	+ .06	42	39	- 1	NNW	3	c	4	46	37	0.03		
Prawle Point	29.67	40	WNW	4	6	29.75	+ .15	34	33	- 6	NNW	2	c	2	46	32	-		
Hurst Castle	29.61	41	NNW	4	6	29.75	+ .25	37	34	- 3	NNW	1	6	3	46	31	-		
†Dover	29.50	41	WNW	4	6	29.71	+ .32	36	33	- 4	NW	2	c	1	46	32	-		
†London	29.49	42	NW	4	6	29.73	+ .31	36	32	- 1	NW	2	6	*	47	27	-		
Oxford	29.58	36	W	2	6	29.73	+ .31	33	32	- 4	WSW	2	6	*	44	28	-		
Cambridge	29.47	37	W	3	6	29.69	+ .37	35	33	- 2	NW	1	6	*	44	26	-		
†Yarmouth	29.38	39	WNW	6	c	29.65	+ .40	35	35	0	W	2	0	3	42	32	0.13		
The Helder	29.35	40	WSW	5	6	29.60	+ .45	38	37	- 1	NNW	1	c	2	41	36	0.12		
Cape Gris Nez	29.56	42	NW	7	6	29.72	+ .69	38	34	- 2	NW	3	c	2	50	37	-		
†Jersey	29.73	44	WNW	4	c	29.78	+ .12	41	39	- 1	NW	2	0	3	47	37	0.05		
Brest	29.78	43	NNW	4	c	29.79	+ .10	40	40	- 5	NE	1	0	2	48	39	0.04		
Lorient	29.74	47	WNW	7	6	29.76	+ .05	42	40	- 3	WSW	1	0	3	52	39	-		
†Rochefort	29.78	52	WNW	7	6	29.81	+ .05	46	44	- 1	SE	3	0	2	59	39	-		
Biarritz	29.81	52	N	4	c	29.78	+ .05	46	43	- 7	E	5	0	?	59	41	-		
Cornwall	*	*	*	*	*			*	*					*	*	*	*		
Brussels	*	*	*	*	*	29.72	+ .35	36	31	- 4	SW	5	c	*	44	33	0.04		
Charleville	29.58	40	SW	1	6	29.79	+ .32	32	30	- 7	SW	1	6	*	50	31	-		
Paris	29.69	44	W	4	0	29.77	+ .21	42	40	- 2	Z	0	0	*	*	*	-		
Lyon	29.74	48	N	1	6	29.81	+ .38	43	40	- 3	N	1	c	*	53	38	-		
Toulon	29.71	51	SW	5	m	29.72	- .01	50	42	+ 2	NW	5	6	5	52	46	0.08		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.14	33	NNW	2	0	28.44	+ .50	26	25	- 6	N	1	6	*	38	23	0.09		

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	28.90	37	34	n n w	8	c	5	Valentia ...	29.75	43	39	n n w	5	29	5
Sumburgh Head								Scilly ...	29.73	46	42	n n w	6	0	5
Stornoway ...								Dover ..	29.45	45	39	n n w	5	6	4
Aberdeen ...	29.23	40	37	n	6	b c	3	London ...	29.47	44	38	n w	5	6	*
Shields ...	29.24	46	41	n n w	7	b	3	Yarmouth ...	29.31	40	37	w	6	29	3
Ardrossan ...	29.34	40	39	n w	5	c	2	Jersey ...	29.71	46	41	n w	7	b c	5
Mullaghmore ...	29.57	41	36	n w	8	c	6	Rochefort ...	29.80	50	49	w n w	7	b c	2
Holyhead ...	29.48	41	36	n w	7	c	6								

The barometer is rising generally with strong N to W winds. The weather is cold with much cloud in the W. and N., but fine in the E. and SE.

EXPLANATION OF COLUMNS.

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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).
 † Received too late for insertion in Chart.

DAILY WEATHER REPORT

F O R

SUNDAY, 27th MARCH

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Sunday 27th March.

1887

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

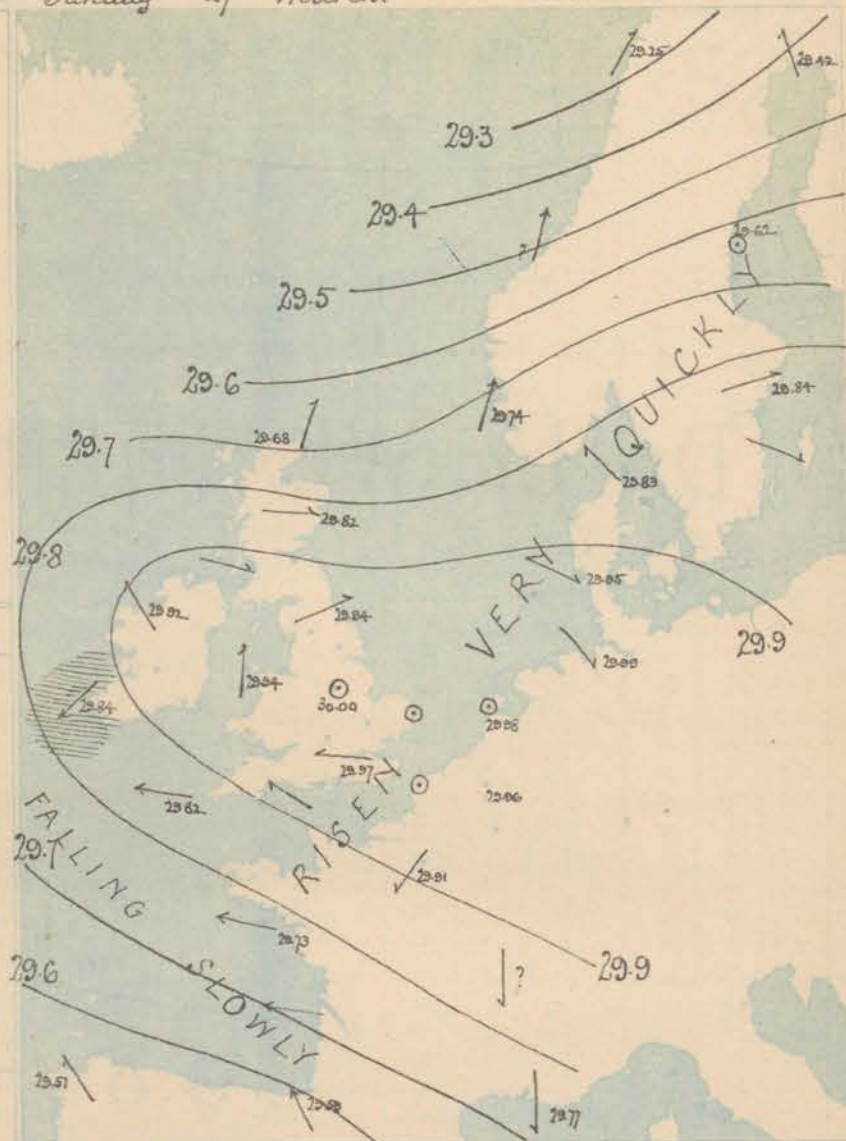
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus: — forces above 10; — forces 8 to 10; — forces 5 to 7; — forces 1 to 4; ☉ — dead calm.

Sea Disturbance; when considerable, is shown by shading round the coast; thus: — Rough; — High.

MEAN^{*} HEIGHT of the BAROMETER for the month of March.

Stations.	Mean Readings
Nairn	29.853
Aberdeen	29.858
Leith	29.888
Scarborough	29.912
Ardrossan	29.894
Greencastle	29.889
Holyhead	29.897
Valentia	29.917
Roche's Pt.	29.978
Plymouth	29.947
LONDON	29.940
Vermouth	29.925

* These means are for the 10 years 1868-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

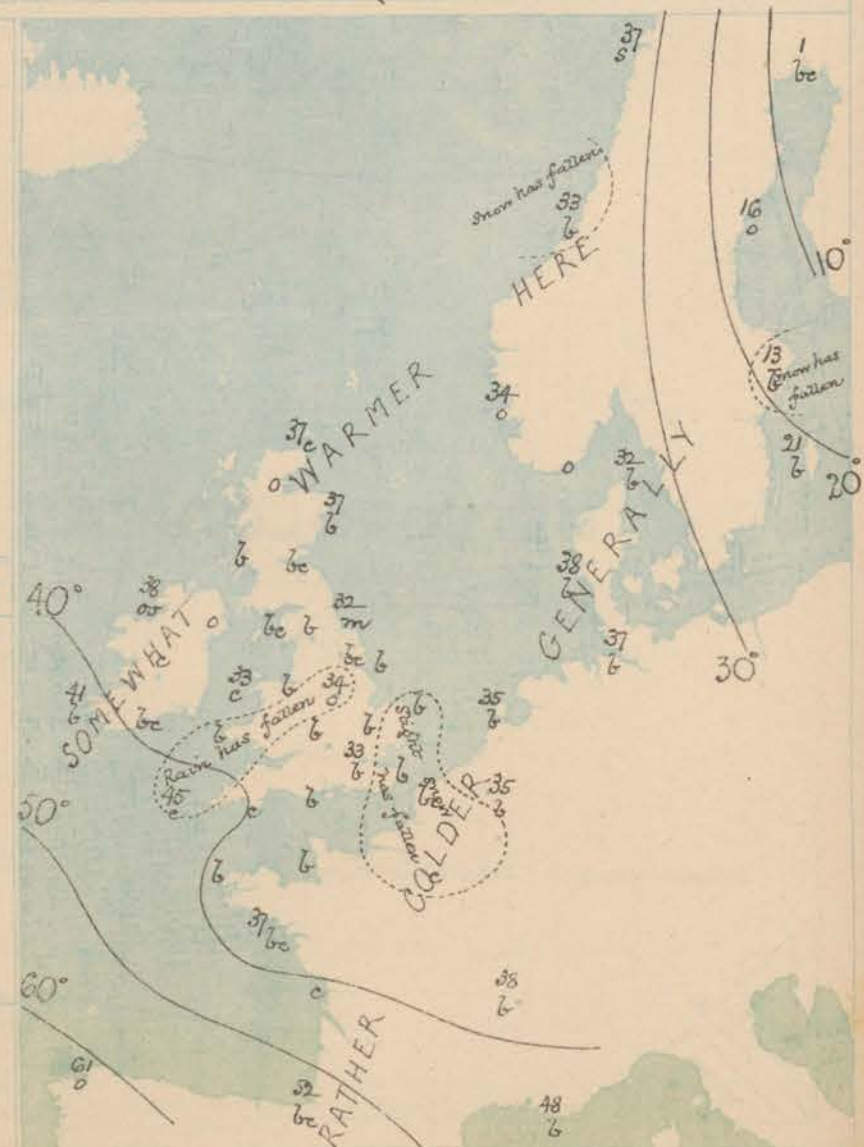
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS^{*} OF TEMPERATURE AND RAINFALL for the month of March.

Stations	Temp	Rain-fall
Sandwich Head	33.6	1.02
Sarnsey	39.5	4.20
Aberdeen	40.2	1.84
Shetland	40.6	1.53
Erik	40.9	2.51
Millinghamore	42.3	7
Holyhead	43.4	7.12
Paranstown	42.7	2.39
Valentia	44.7	4.75
Sally (St Mary's)	47.2	2.18
Burst Castle	43.8	7
Dover	42.9	2.03
LONDON	42.7	7.46
Vermouth	41.9	1.81

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

For Sunday 27th March 1881 at 8 a.m.

The barometer has risen rapidly over the countries to the eastward of the North Sea, and to a less extent over our Islands, but during the night a slight decrease has commenced in the west of France, and is spreading gradually to our S.W. stations. An area of high pressure now lies over Ireland, England and N. France, while areas of low readings are reported from the Bay of Biscay and the N. of Norway. The wind is E. over France and all our S. district, and blow strongly over the Bay of Biscay, while W. to S.W. breezes are felt in the N., and variable airs at our Central stations. Temperature has risen slightly in the W. and N., but is lower in most places than it was yesterday, readings ranging from 44° at Scilly to 31° over Central England. The minimum readings recorded during the night were as low as 21° at Cambridge, and 25° at Oxford and in London, while on the grass in London the lowest point reached was 15°. The weather is dry generally, dull in the extreme N. and N.W. bright elsewhere. The sea is rough off the west of Ireland, moderate to smooth on our other coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

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

None Issued

- 7 SCOTLAND WEST
- 8 ENGLAND N.W.
- 9 ENGLAND S.W.
- 10 IRELAND NORTH
- 11 IRELAND SOUTH
- WARNINGS

None Issued

METEOROLOGICAL OBSERVATIONS FOR

27th MARCH

1881.

+ YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda	29.30	4	N	2	b	29.42	+ .45	1	1	- .44	S	2	b	*	17	-5	-			
Hernösand	29.41	14	Z	0	b	29.62	+ .61	16	15	+ .7	Z	0	o	*	28	0	-			
Stockholm	29.45	23	W	2	c	29.84	+ .94	18	10	- .19	W	2	b	*	32	?	0.20			
Wisby	29.45	26	WSW	6	c	29.79	+ .82	21	20	- .12	NNW	4	b	*	36	21	-			
Bodö	29.22	27	W	4	c	29.35	+ .17	27	27	+ .6	SW	2	s	2	?	19	-			
Christiansund	29.30	28	WSW	6	b	29.39	+ .19	33	31	+ .14	SSW	5	b	4	24	16	0.16			
+Skudesnaes	29.67	30	NNW	2	o	29.74	+ .42	34	38	+ .5	SSW	6	o	4	34	30	-			
Oxö (Christiansund)	29.60	30	NNW	2	b	29.72	+ .60	22	20	- .5	NNW	2	o	1	32	19	-			
Skagen (The Skaw)	29.60	32	NE	3	b	29.83	+ .66	32	31	+ .3	SSE	4	b	3	34	?	-			
Fanö	29.76	32	NW	4	b	29.95	+ .58	38	33	+ .3	NNW	3	b	*	?	30	-			
Cuxhaven	29.67	?	NN	5	b	29.99	+ .49	37	36	- .4	NN	3	b	*	45	30	-			
+Sumburgh Head																				
+Stornoway																				
Wick	29.77	34	NN	5	r	29.68	+ .01	37	35	+ .4	SSW	4	c	4	39	30	0.07			
Nairn	29.82	34	NW	2	b	29.77	+ .07	35	33	+ .5	W	3	o	2	38	30	-			
+Aberdeen	29.81	35	NT	3	b	29.82	+ .17	37	33	+ .5	W	3	b	2	39	29	0.02			
Leith	29.82	34	SW	1	b	29.89	+ .15	36	33	+ .2	WSW	1	b	*	47	30	-			
+Shields	29.82	37	N	1	c	29.94	+ .24	32	32	+ .2	WSW	1	m	3	39	27	-			
Spurn Head	29.82	37	N	3	b	29.97	+ .30	35	33	- .1	NNW	1	b	1	39	33	-			
York	29.85	38	N	1	c	29.98	+ .26	31	30	- .2	SSW	1	b	*	43	25	-			
Nottingham	29.88	36	N	2	o	30.00	+ .28	34	33	+ .1	E	1	o	*	42	30	0.01			
+Ardrossan	29.74	37	NN	1	c	29.91	+ .15	37	37	+ .5	W	3	b	2	44	33	-			
+Mullaghmore	29.88	20	NNE	4	c	29.92	+ .09	38	35	+ .1	SE	3	o	2	46	26	-			
Donaghadee	29.89	38	NNW	3	b	29.94	+ .16	35	33	- .2	N	3	o	1	42	31	-			
Barsonstown	29.90	41	NNE	1	c	29.94	+ .12	37	36	+ .4	SE	1	c	*	43	32	-			
Barrow-in-Furness	29.82	38	NE	3	b	29.95	+ .24	30	29	- .2	NE	2	b	3	47	27	-			
+Holyhead	29.87	38	NNE	3	b	29.94	+ .22	33	32	- .3	S	2	c	1	39	30	-			
Liverpool (Bliston)	29.86	37	NNW	1	b	29.95	+ .24	34	31	0	E	1	b	1	39	31	-			
+Valentia	29.86	44	E	4	c	29.84	+ .03	41	36	+ .2	NE	5	b	6	45	36	-			
Roche's Point	29.87	40	E	4	c	29.88	+ .13	37	35	+ .1	E	3	b	4	45	34	-			
Pembroke	29.81	39	NNE	1	b	29.98	+ .29	36	34	- .1	E	2	b	1	43	33	0.08			
+Scilly	29.84	43	ENE	3	b	29.82	+ .06	45	40	+ .3	E	6	c	4	49	39	0.02			
Prawle Point	29.83	38	N	2	b	29.84	+ .11	40	37	+ .6	ENE	4	c	4	45	33	-			
Hurst Castle	29.83	37	N	1	b	29.92	+ .17	38	36	+ .1	ESE	3	b	3	45	24	0.02			
+Dover	29.82	36	SW	1	b	29.95	+ .24	40	35	+ .4	NE	3	b	2	44	34	0.09			
+London	29.83	37	N	2	b	29.97	+ .24	33	31	- .3	E	2	b	*	47	25	-			
Oxford	29.83	38	NNW	2	b	29.97	+ .24	31	29	- .2	NNE	1	b	*	44	25	-			
Cambridge	29.84	36	N	1	b	29.99	+ .30	31	30	- .4	Z	0	b	*	42	21	0.02			
+Yarmouth	29.82	37	NNW	1	b	29.98	+ .33	36	33	+ .1	Z	0	b	3	39	29	0.01			
The Helder	29.82	37	NNW	1	b	29.98	+ .38	35	34	- .3	NNW	1	b	1	39	30	-			
Cape Gris Nez	?	34	?	?	b	30.00	+ .28	37	33	- .1	SSW	1	b	2	48	32	0.08			
+Jersey	29.86	41	ENE	3	c	29.88	+ .10	39	38	- .2	E	4	b	3	45	34	-			
Brest	29.86	42	SE	4	b	29.77	- .02	35	33	- .5	E	5	b	3	30	34	-			
Lorient	29.75	44	NNE	5	c	29.73	- .03	37	34	- .5	E	7	b	3	32	34	-			
+Rocheport	29.75	53	NNW	4	c	29.70	- .11	41	39	- .5	E	7	c	2	?	?	-			
Biarritz	29.64	60	E	5	b	29.59	- .19	52	?	+ .6	SE	4	b	3	66	46	-			
Corunna	*	*	*	*	*	29.51	- .18	60	*	+ .2	SE	1	o	1	*	*	*			
Brussels	*	*	*	*	*	29.96	+ .24	35	34	- .1	N	1	b	*	45	33	-			
Charleville	29.79	37	N	1	o	29.84	+ .10	35	32	+ .3	NNE	3	b	*	48	29	0.16			
Paris	29.80	41	Z	0	r	29.91	+ .14	37	35	- .5	NE	4	c	*	*	*	0.02			
Lyons	29.70	30	E	1	b	29.78	- .03	38	35	- .5	N	3	b	*	53	35	-			
Toulon	29.75	31	SSE	1	b	29.77	+ .05	48	48	- .2	N	1	b	1	57	48	-			

HIGH LEVEL STATION.

Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.57	31	N	2	o	29.68	+ .24	24	22	- .2	E	2	b	*	36	18	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sen.		Bar.	Dry.	Wet.	Wind.	Wen.	Sen.		
Skudesnaes ...	29.81	34	31	NW	8	c	4	Valentia ...	29.85	43	39	E	4	b c	4
Sumburgh Head								Scilly ...	29.79	42	41	NE	2	o p	4
Stornoway ...								Dover ..	29.74	44	41	SW	2	c	1
Aberdeen ...	29.76	38	35	NNW	4	s p	4	London ...	29.76	42	35	WSW	3	c	*
Shields ...	29.79	37	34	N	2	o	4	Yarmouth ...	29.76	39	35	N	2	b c v	3
Ardrossan ...	29.82	38	34	NW	2	o	1	Jersey ...	29.82	43	40	NE	2	c	2
Mullaghmore ...	29.84	41	38	NE	4	c w	4	Rocheport ...	29.80	59	51	SE	1	o	2
Holyhead ...	29.83	39	35	NNE	3	b	2								

Finally any change has occurred since the morning beyond the fact that the wind has become rather more easterly on our SW^{ly} coasts.

EXPLANATION OF COLUMNS.

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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

F O R

MONDAY, 28TH MARCH

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s/per quarter.
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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Monday 28th March.

1887.

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

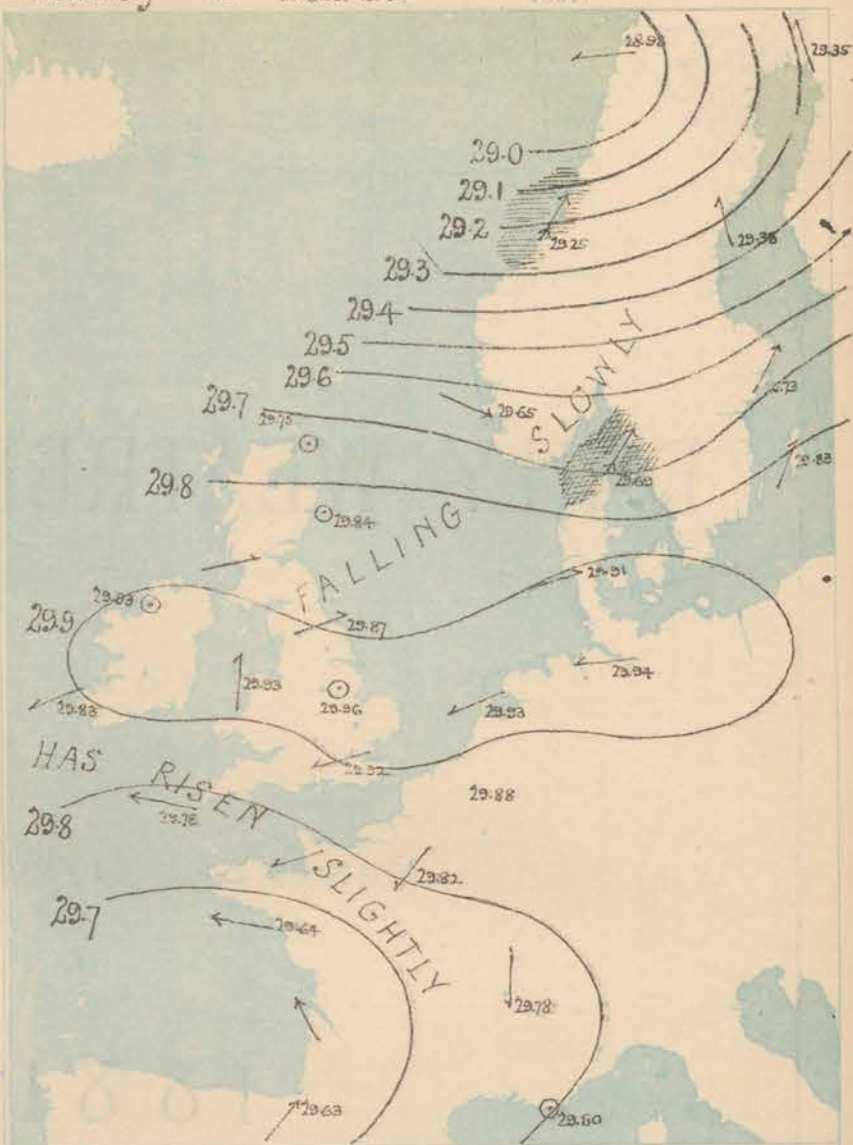
Wind. Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus:
 — force above 10; — force 8 to 10;
 — force 5 to 7; — force 1 to 4;
 ○ - dead calm.

Sea Disturbance, when considerable, is shown by shading round the coast, thus: — Rough, — High.

MEAN* HEIGHT of the BAROMETER for the month of March

Stations.	Mean Readings In.
Nairn	29.853
Aberdeen	29.858
Leith	29.888
Scarborough	29.912
Ardrossan	29.894
Greenacastle	29.889
Holyhead	29.897
Valentia	29.917
Roche's Pt.	29.873
Plymouth	29.947
LONDON	29.940
Farnworth	29.925

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

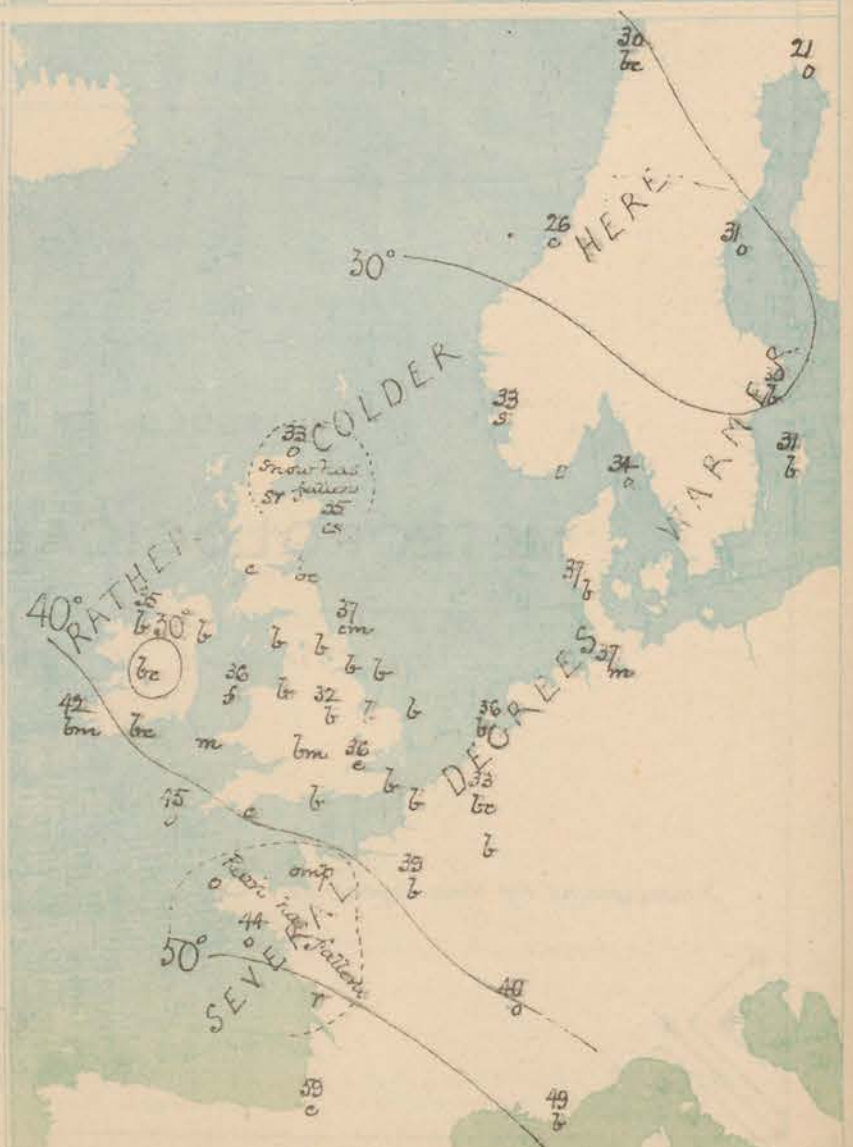
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of March.

Stations.	Temp.	Rain- fall
	°	ins.
Sundburgh Head	33.6	1.52
Stornoway	32.5	1.20
Aberdeen	40.2	7.84
Shetland	40.6	1.53
York	40.9	1.54
Mullinghorne	42.5	0
Holyhead	43.4	2.12
Parsonstown	42.7	2.29
Valentia	44.7	4.16
Sally (St Mary's)	47.2	2.14
Blirst Castle	47.5	0
Dover	42.9	2.03
LONDON	42.7	1.46
Kornouth	41.9	1.91

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

For Monday 28th March 1881 at 8 a.m.

Pressure is increasing a little in part of France, and on our W and N coast, but is decreasing in most part of Western Europe, the change being greatest in the N. of Scandinavia. An area of comparatively high pressure stretches End from Ireland across England and the North Sea to N. Germany, while a large area of low readings is shown near Rode, and a shallow area of low pressure over the Bay of Biscay. In consequence W^{ly} to SW^{ly} winds prevail all over the northern part of the United Kingdom, and the whole of Norway and Sweden, while E^{ly} breezes are reported from France, the Channel, and our SW. coasts. In most places the winds is moderate or light, but both at Christiansund and the Scaw reaches the force of a gale. The weather is cloudy in the N., with slight snow showers, and dull with slight rain in the SW., but is fine and bright in the intermediate regions. Scarcely any rain or snow has fallen over N. Europe. Temperature has risen except at the N. and Central stations, and ranges from 45° at Scilly to 27° at Lancaster. During the night slight frost was experienced over Central England and Ireland. The sea is slight.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

29th MARCH.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	W ^{ly} and N.W. ^{ly} breeze, moderate; cloudy, becoming rather milder.	6 SCOTLAND WEST	W ^{ly} winds or variable airs; cloudy.
2 SCOTLAND EAST	— — —	7 ENGLAND N.W.	Variable breezes to S ^{ly} winds, moderate, fair.
3 ENGLAND N.E.	W ^{ly} winds, moderate; fair.	8 ENGLAND S.W.	E ^{ly} and SE ^{ly} winds, light and fresh; cloudy, rather cold.
4 ENGLAND EAST	NE ^{ly} and E ^{ly} winds, light; fair, rather cold.	9 IRELAND NORTH	Same as No 6.
5 MIDLAND COUNTIES	E ^{ly} breeze, moderate or light, rather cloudy but fair, rather cold.	10 IRELAND SOUTH	Same as No 8.
6 ENGLAND SOUTH	— — —	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR

28th MARCH

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	29.50	10	S	2	b	29.35	-0.7	21	20	+1.20	S	4	0	*	21	1	-			
Hernösand ...	29.52	29	S	6	e	29.38	-2.4	31	29	+1.5	S	4	0	*	37	0	-			
Stockholm ...	29.86	25	SW	4	b	29.73	-1.1	30	27	+1.7	SW	6	6	*	32	10	-			
Wisby ...	29.88	26	S	4	b	29.83	+0.4	31	30	+1.0	SW	4	6	*	32	14	-			
Bodö ...	29.08	32	SE	4	C	28.98	-2.7	30	29	+3	E	2	6	2	32	27	-			
Christiansund...	29.22	32	WSW	8	S	29.23	-1.6	26	25	-7	SW	9	0	6	37	16	-			
†Skudesnaes ...	29.64	37	SW	8	0	29.65	-0.9	33	31	-1	WNW	5	5	4	?	?	-			
Oxö (Xiansund) ...	29.78	33	SSW	6	b	29.61	-2.1	35	35	+1.3	SW	4	0	3	?	?	-			
Skagen (The Skaw)	29.84	33	WSW	4	b	29.69	-1.4	34	32	+2	SW	8	0	7	36	32	-			
Fanö ...	29.96	33	WSW	3	b	29.91	-0.4	37	34	-1	WSW	4	6	*	37	32	-			
Cuxhaven ...	30.01	50	N	1	b	29.94	-0.5	37	37	0	E	1	m	*	?	34	-			
†Sumburgh Head																				
†Stornoway ...																				
Wick ...	29.60	42	W	4	0	29.75	+0.7	33	32	-4	W	0	0	2	45	28	0.15			
Nairn ...	29.71	39	SW	2	0	29.80	+0.3	32	32	-3	W	0	2.5	1	44	32	0.10			
†Aberdeen ...	29.75	42	SW	2	b	29.84	+0.2	35	34	-2	W	0	0.5	1	47	34	-			
Leith ...	29.79	40	W	3	b	29.84	-0.5	40	37	+4	W	1	6	*	46	35	-			
†Shields ...	29.87	42	WSW	2	0	29.87	-0.7	37	35	+5	WSW	3	0	2	44	30	-			
Spurn Head ...	29.95	38	S	4	b	29.92	-0.5	35	34	0	SSW	3	6	3	41	34	-			
York ...	29.93	41	ESE	1	b	29.93	-0.5	32	30	+1	SW	1	6	*	43	28	-			
Nottingham ...	30.00	40	S	1	0	29.96	-0.4	32	29	-2	W	0	6	*	48	24	-			
†Ardrossan ...	29.89	41	WSW	2	0	29.88	-0.3	39	37	0	WSW	3	0	2	45	38	-			
†Mullaghmore ...	29.89	43	ESE	2	b	29.93	+0.1	35	33	-3	E	1	6	1	46	33	-			
Donaghadee ...	29.92	38	S	2	b	29.93	-0.1	35	33	0	W	3	6	1	44	29	-			
Parsonstown ...	29.89	42	E	1	0	29.96	+0.2	27	26	-1.0	NE	1	6	*	47	23	-			
Barrow-in-Furness	29.89	40	NW	3	0	29.91	-0.4	29	28	-1	NE	2	6	3	44	28	-			
†Holyhead ...	29.91	41	NNE	2	b	29.93	-0.1	36	33	+3	S	1	6	0	41	32	-			
Liverpool (Biston)	29.92	40	WNW	1	0	29.94	-0.1	36	32	+2	SE	1	6	1	43	31	-			
†Valentia ...	29.81	44	NE	5	b	29.88	+0.4	42	38	+1	ENE	4	6	4	48	37	-			
Roche's Point...	29.85	43	ESE	4	b	29.88	0.0	39	36	+2	ENE	4	6	4	47	35	-			
Pembroke ...	29.85	41	E	2	b	29.86	-1.2	34	32	-2	ENE	2	m	0	45	32	-			
†Scilly ...	29.78	45	E	8	0	29.78	-0.4	45	44	0	E	6	0	4	47	42	-			
Prawle Point ...	29.82	40	ENE	5	0	29.82	-0.4	39	39	-1	NE	4	0	4	44	37	-			
Hurst Castle ...	29.87	42	SSE	4	b	29.87	-0.5	38	35	0	E	4	6	2	45	34	-			
†Dover ...	29.90	41	ENE	3	b	29.88	-0.7	42	37	+2	E	4	6	3	42	37	-			
†London ...	29.90	39	E	3	b	29.92	-0.5	36	33	+3	ENE	2	0	*	47	27	-			
Oxford ...	29.93	37	NE	1	b	29.93	-0.4	34	32	+3	NNE	1	6	*	47	26	-			
Cambridge ...	29.94	41	E	1	b	29.93	-0.6	35	32	+4	NE	1	6	*	48	28	-			
†Yarmouth ...	29.95	39	ENE	3	b	29.92	-0.6	38	34	+2	NE	2	6	2	40	34	-			
The Helder ...	29.98	38	ENE	1	b	29.93	-0.5	36	35	+1	ENE	1	6	1	41	34	-			
Cape Gris Nez ...	29.86	39	E	5	b	29.88	-1.2	34	33	-3	E	4	6	2	48	32	-			
†Jersey ...	29.80	43	ENE	4	b	29.77	-1.1	43	41	+4	ENE	4	0	4	47	39	0.02			
Brest ...	29.70	48	E	4	0	29.70	-0.7	42	41	+7	ESE	4	0	2	54	34	0.08			
Lorient ...	29.65	49	SE	7	2	29.64	-0.9	44	42	+7	E	5	0	3	54	34	0.20			
†Rochefort ...	29.61	60	E	7	b	29.65	-0.5	52	50	+11	SE	5	2	2	66	36	-			
Biarritz ...	29.52	69	S	4	0	29.63	+0.4	59	54	+7	SW	5	0	3	75	46	-			
Corunna ...	*	*	*	*	*			*						*	*	*				
Brussels ...	*	*	*	*	*	29.88	-0.8	33	32	-2	ENE	3	6	*	45	31	-			
Charleville ...	29.35	44	NE	1	b	29.33	-0.6	35	32	0	NNE	1	6	*	50	30	-			
Paris ...	29.81	47	NE	5	b	29.82	-0.9	39	36	+2	NE	4	6	*	*	*	-			
Lyons ...	29.67	57	E	1	b	29.78	0.0	40	39	+2	N	1	0	*	63	?	-			
Toulon ...	29.75	51	W	3	b	29.80	+0.3	49	48	+1	W	0	6	1	59	46	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.65	33	S	2	b	28.65	-0.3	27	25	+3	W	0	6	*	37	22	-			

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.65	33	S	2	b	28.65	-0.3	27	25	+3	W	0	6	37	22	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes ...	29.73	38	35	sw	6	0	5	Valentia ...					
Sumburgh Head ...								Scilly ...					
Stornoway ...								Dover ..					
Aberdeen ...								London ...					
Shields ...								Yarmouth ...					
Ardrossan ...								Jersey ...					
Mullaghmore ...								Rochefort ...	29.66	59	58	E	7
Holyhead ...													2

EXPLANATION OF COLUMNS.

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.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

TUESDAY 29TH MARCH

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s/per quarter.
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ROBERT H. SCOTT

(SECRETARY.)



Fred^o Dangerfield, Lith 22 Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on TUESDAY 29th March. 1887

BAROMETER, WIND & SEA

Explanation of Map.

Barometer isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus:

→ forces above 10; → forces 8 to 10; → forces 5 to 7; → forces 1 to 4.

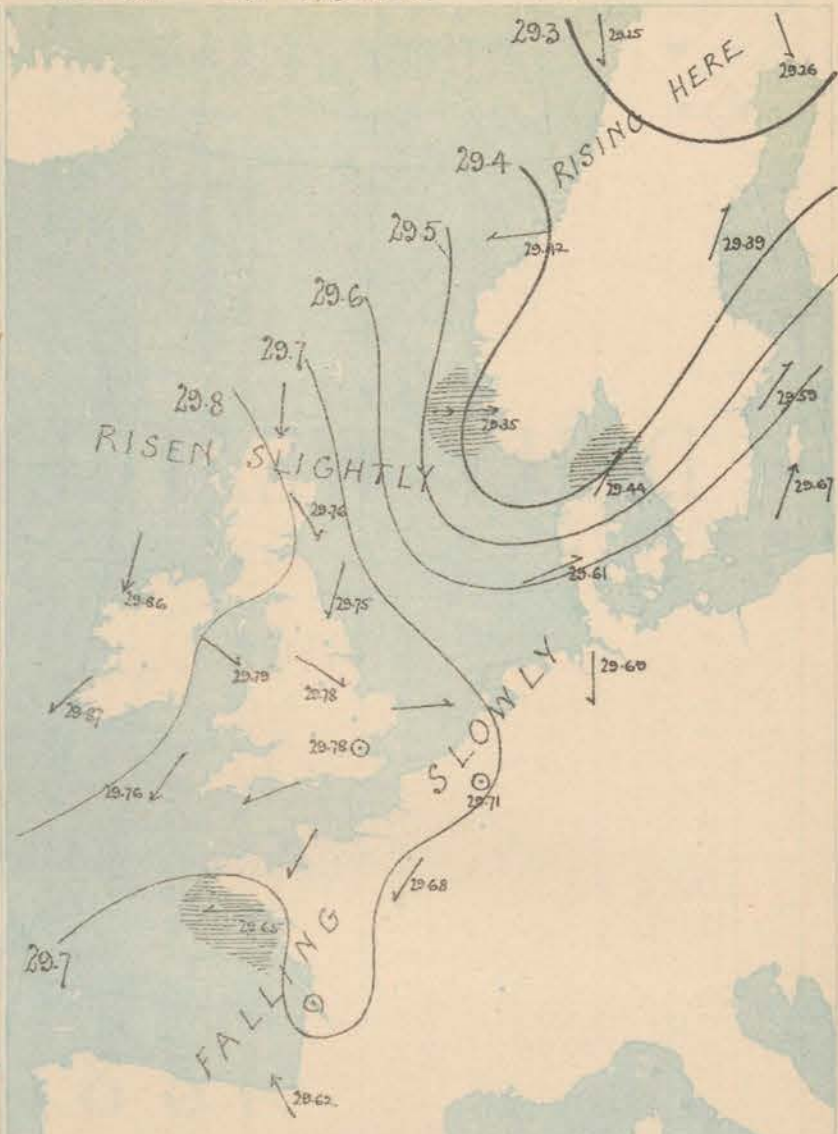
○ = dead calm.

Sea Disturbance, where considerable is shown by shading round the coast; thus: - Rough; - High.

MEAN HEIGHT of the BAROMETER for the month of March

Stations.	Mean Readings
Nazareth	29.853
Aberdeen	29.852
Leith	29.888
Scarborough	29.912
Ardnamannin	29.894
Greenock	29.889
Holyhead	29.887
Valencia	29.917
Rochester Pt.	29.973
Plymouth	29.947
LONDON	29.940
Farmouth	29.925

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

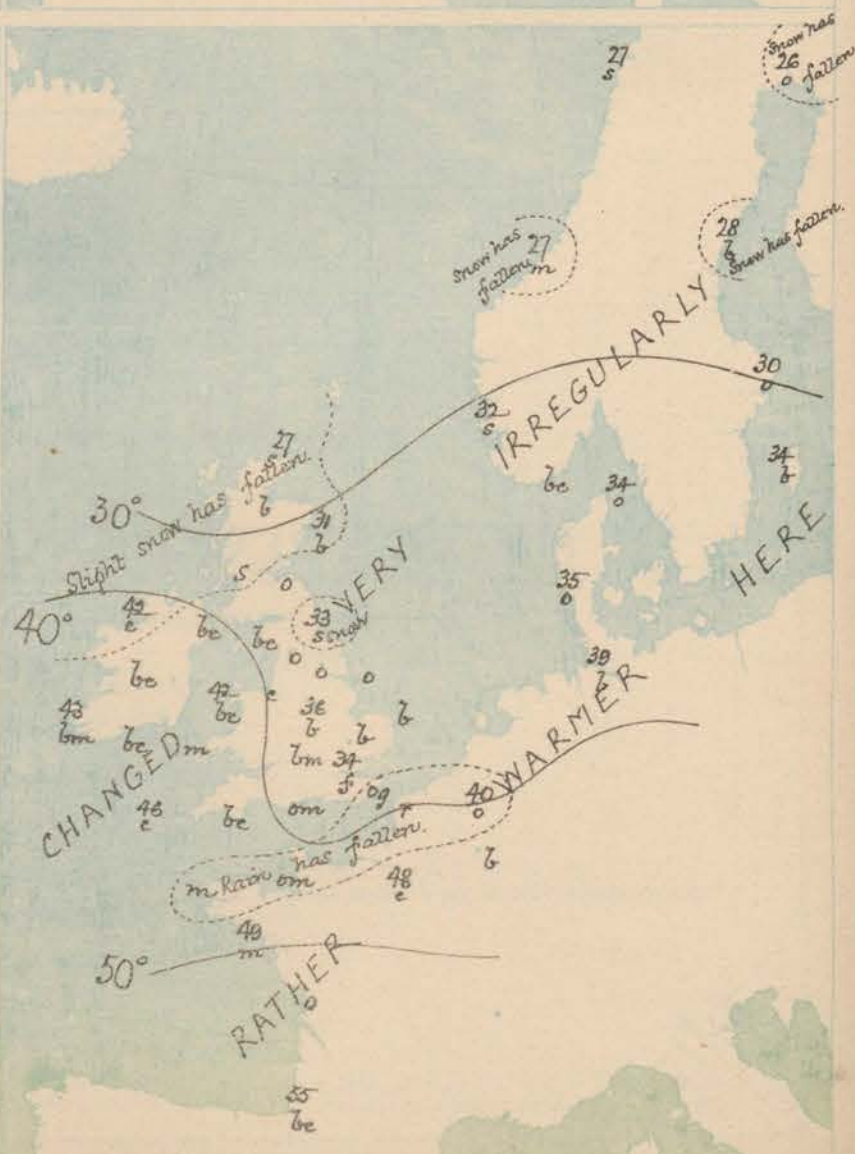
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of March

Stations	Temp	Rain-fall
Sunderburgh Head	33.6	1.52
Sourabaya	30.5	4.30
Aberdeen	40.2	1.64
Shetlands	40.6	1.63
York	40.9	1.54
Mullaghmore	42.3	?
Holyhead	43.4	2.72
Parsonstown	42.7	2.30
Valencia	44.7	4.16
Sally (St Mary's)	47.3	2.18
Hurst Castle	43.5	?
Dover	42.9	2.03
LONDON	42.7	1.46
Farmouth	41.0	1.91

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

For Tuesday 29th March 1887 at 8 a.m.

During the past night a slight depression has passed across Scotland and the North Sea to the south of Norway, while other but still shallower disturbances lie over the east of France and over the Bay of Biscay. A slight recovery has taken place in Scotland, but in all other parts of the Europe the mercury is falling slowly. Readings are highest over Ireland. The wind varies a good deal, it is N^{ly} on most of our coast but draws into N. in the SE., and into E. in the SW. and over France, while on the E. shores of the North Sea it is SW^{ly} and W^{ly}. It blows rather freshly at a few of our N. and W. stations, and is strong to a gale over the Skager Rack and the south of Norway, but is light or moderate generally. The weather is generally fair and bright over these islands, and cloudy or dull on the continent, but snow is falling at Wick, Shields and Ardrossan, while the sky is clear over the Baltic and N. Germany. Snow is also falling at Rode and Skudeeneas. Slight showers have fallen in the NW. and N. Temperature has fallen in most places, but has risen over the Netherlands and some N. and NW. stations. Readings range from 46° at Scilly to 27° at Wick, and the minima last night were 22° at Wick and Cambridge and 25° at Nottingham, Larnaca and Oxford. Sea is slight.

FORECASTS

For the 24 hours ending at Noon
on the

30th MARCH

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

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

N^{ly} (NE-NW) winds, moderate; fair, cold.

— — — — —

— — — — —

W^{ly} to N^{ly} winds, light; fair, hazy.

Variable breezes, light; fair, rather cold, hazy.

— — — — —

DISTRICTS

FORECASTS

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

NW^{ly} and NE^{ly} breezes, light or moderate; fair on the whole.

— — — — —

NE^{ly} winds, moderate; cloudy, cold.

Same as No 6 and 7.

Same as No 6 and 7.

WARNINGS

None issued.

METEOROLOGICAL OBSERVATIONS FOR

29th MARCH

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.13	24	S	2	0	29.26	-0.09	26	25	+5	Z	2	0	*	23	21	0.03		
Hernösand ...	29.29	30	W	2	0	29.39	+0.01	28	28	-5	W	2	0	*	23	20	0.04		
Stockholm ...	29.64	24	SW	2	0	29.59	-0.14	30	28	0	SW	2	0	*	34	25	-		
Wisby ...	29.71	33	SW	4	0	29.64	-0.16	34	32	+3	SW	4	0	*	24	19	-		
Bodö ...	29.03	24	SE	2	0	29.45	+0.24	24	26	-3	Z	2	0	*	32	19	-		
Christiansund ...	29.45	24	SW	0	0	29.42	+0.10	24	26	+1	E	3	0	4	28	14	0.05		
†Skudesnaes ...	29.62	30	WNW	3	0	29.36	-0.30	32	30	-1	W	3	0	5	36	30	-		
Oxö (Xriansund) ...	29.40	32	W	2	0	29.32	-0.29	33	31	-2	WSW	6	0	3	34	30	-		
Skagen (The Skaw) ...	29.42	32	SW	5	0	29.44	-0.25	34	34	0	SW	6	0	5	36	30	-		
Fanö ...	29.81	34	WSW	4	0	29.61	-0.30	35	35	-2	WSW	4	0	*	34	32	-		
Cuxhaven ...	29.82	50	N	2	0	29.69	-0.25	39	34	+2	N	2	0	*	?	34	-		
†Sumburgh Head																			
†Stornoway																			
Wick ...	29.53	39	NW	3	0	29.73	-0.02	24	26	-6	Z	5	0	4	39	22	0.30		
Nairn ...	29.62	41	W	2	0	29.30	-0.00	28	28	-4	W	4	0	3	44	24	0.10		
†Aberdeen ...	29.61	44	WSW	4	0	29.76	-0.08	31	31	-4	NW	4	0	2	48	28	0.02		
Leith ...	29.75	45	WNW	2	0	29.30	-0.04	32	31	-3	Z	2	0	*	49	31	-		
†Shields ...	29.49	44	W	2	0	29.75	-0.12	33	33	-4	Z	1	0	2	50	32	0.09		
Spurn Head ...	29.86	39	SE	4	0	29.71	-0.21	38	36	+3	W	5	0	4	44	34	-		
York ...	29.84	46	S	1	0	29.74	-0.19	38	36	+6	Z	1	0	*	51	31	-		
Nottingham ...	29.88	41	SE	1	0	29.78	-0.18	36	32	+4	WNW	2	0	*	49	25	-		
†Ardrossan ...	29.81	44	W	3	0	29.82	-0.06	34	33	-5	NE	3	0	2	47	33	0.04		
†Mullaghmore ...	29.89	44	W	2	0	29.86	-0.04	42	38	+4	Z	5	0	4	45	34	0.01		
Donaghadee ...	29.84	49	SW	2	0	29.80	-0.13	41	39	+6	WNW	5	0	3	50	35	-		
Parsonstown ...	29.89	48	NW	1	0	29.88	-0.08	30	30	+3	NW	1	0	*	50	25	-		
Barrow-in-Furness ...	29.86	38	NNW	3	0	29.75	-0.16	41	40	+12	NW	4	0	3	48	28	-		
†Holyhead ...	29.88	41	NNW	2	0	29.79	-0.14	42	41	+6	WNW	3	0	2	43	35	-		
Liverpool (Bidston) ...	29.88	39	NW	1	0	29.77	-0.14	40	36	+4	WSW	3	0	1	44	34	-		
†Valentia ...	29.84	46	SW	3	0	29.87	-0.01	43	39	+4	NE	2	0	3	53	32	-		
Roche's Point ...	29.88	43	SE	4	0	29.85	-0.03	38	35	-1	NNW	2	0	3	47	33	-		
Pembroke ...	29.82	42	W	1	0	29.78	-0.08	38	36	+4	ENE	1	0	0	45	33	-		
†Scilly ...	29.81	44	E	5	0	29.76	-0.02	46	45	+1	NE	5	0	4	49	42	-		
Prawle Point ...	29.78	43	ENE	5	0	29.75	-0.04	42	39	+3	NE	3	0	3	46	36	-		
Hurst Castle ...	29.82	45	SE	2	0	29.76	-0.11	38	36	0	ENE	3	0	3	47	36	-		
†Dover ...	29.83	42	E	4	0	29.73	-0.15	40	39	-2	NNE	2	0	1	44	40	0.15		
†London ...	29.86	41	NE	2	0	29.78	-0.14	34	32	-2	W	1	0	*	50	28	-		
Oxford ...	29.84	42	SE	1	0	29.79	-0.14	31	30	-3	Z	0	0	*	48	25	-		
Cambridge ...	29.84	44	NE	1	0	29.74	-0.19	30	30	-5	SW	1	0	*	48	22	-		
†Yarmouth ...	29.89	38	ENE	2	0	29.43	-0.19	35	34	-3	W	2	0	2	42	28	-		
The Helder † ...	29.84	38	NE	1	0	29.71	-0.22	34	35	+1	NW	1	0	1	43	34	-		
Cape Gris Nez ...	29.82	41	NE	5	0	29.74	-0.14	41	?	+7	ENE	5	0	3	46	?	0.16		
†Jersey ...	29.78	44	NE	3	0	29.73	-0.04	45	45	+2	NE	3	0	3	45	42	0.20		
Brest ...	29.77	46	SE	3	0	29.69	-0.01	46	45	+4	E	4	0	3	52	41	0.08		
Lorient ...	29.89	50	NE	3	0	29.65	+0.01	49	44	+5	E	3	0	5	52	41	-		
†Rochefort ...	29.79	50	SW	3	0	29.71	+0.06	54	52	+2	Z	0	0	0	66	46	-		
Biarritz ...	29.73	54	ENE	3	0	29.62	-0.01	55	49	-4	SE	5	0	4	70	46	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	29.71	-0.17	40	39	+7	ESE	1	0	*	52	?	0.04		
Charleville ...	-	-	-	-	-	29.64	-0.16	42	39	+7	NNE	1	0	*	62	?	-		
Paris ...	29.73	55	Z	0	0	29.68	-0.14	48	44	+4	NE	3	0	*	*	*	-		
Lyons † ...	29.63	60	SSW	1	0	29.73	-0.05	50	49	+10	S	1	0	*	64	?	-		
Toulon † ...	29.82	53	S	1	0	29.82	+0.02	53	53	+4	SE	1	0	2	61	?	0.16		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.89	40	WSW	3	0	28.48	-0.14	33	33	+6	SSW	4	0	*	43	?	0.06		

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.	
Skudesnaes ...	29.70	30	29	W	W	3	S	4	Valentia ...	29.84	52	45	E	3	com	3
Sumburgh Head									Scilly ...	29.81	47	46	E	6	c	5
Stornoway ...									Dover ..	29.86	43	38	E	4	b	3
Aberdeen ...	29.69	44	41	S	4	c	1		London ...	29.86	45	40	E	2	c	*
Shields ...	29.83	46	42	NW	2	bc	2		Yarmouth ...	29.91	42	37	E N E	1	b	2
Ardrossan ...	29.86	47	45	W	3	c	2		Jersey ...	29.77	44	44	E N E	4	h	4
Mullaghmore ...	29.92	44	39	WNW	3	b	3		Rochefort ...	29.63	63	59	SE	4	c	2
Holyhead...	29.91	43	38	NNE	2	b	1									

Scarcely any change has occurred since the morning

EXPLANATION OF COLUMNS.

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. equally; 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.
 † The evening observations are taken at 8 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).
 § Received too late for insertion in chart.

1881.

METEOROLOGICAL OFFICE

S. W.



WEATHER CHARTS

for 8 a.m. on Wednesday 30th March

1881

BAROMETER, WIND & SEA

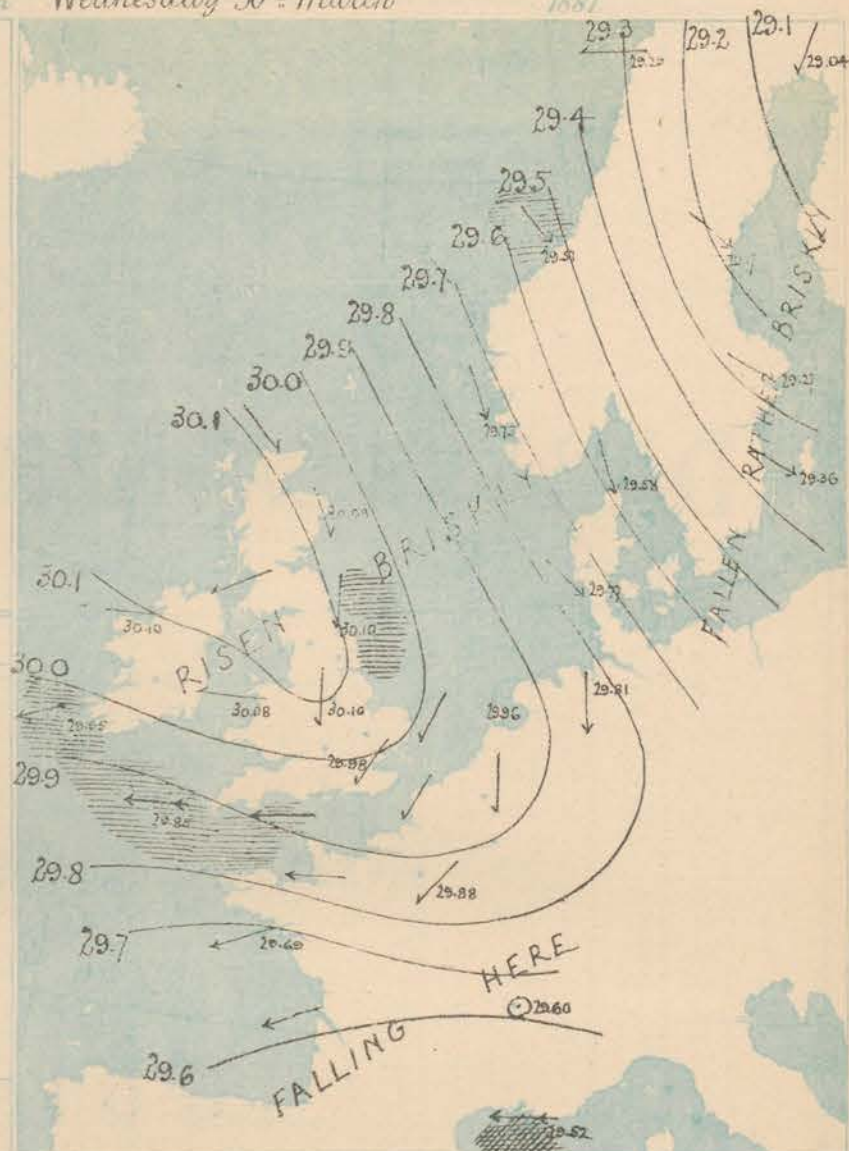
Explanation of Map.

Barometer: isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind: Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10
→ forces 5 to 7; → forces 1 to 4.
☉ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus  = Rough;  = High.

MEAN HEIGHT of the BAROMETER for the month of March

Stations.	Mean Readings
	In.
Nairn	29.853
Aberdeen	29.858
Leith	29.868
Scarborough	29.912
Ardrossan	29.894
Greencastle	29.899
Holyhead	29.897
Valentia	29.917
Roche's Pt.	29.973
Plymouth	29.947
LONDON	29.940
Yarmouth	29.925

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

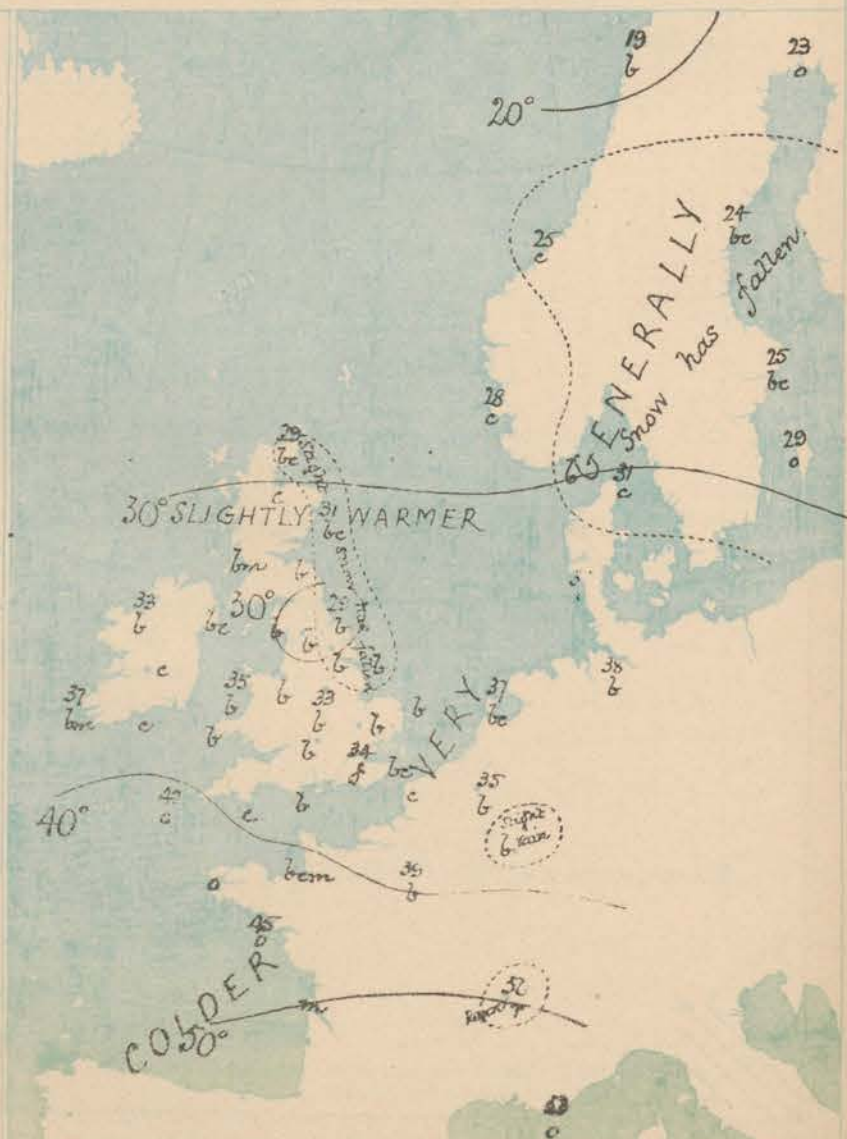
Explanation of Map.

Temperature: isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather: Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall: A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS of TEMPERATURE AND RAINFALL for the month of March.

Stations	Temp.	Rain-fall
	°	in.
Sundburgh Head	33.6	1.02
Stornoway	30.5	4.20
Aberdeen	40.2	1.84
Shields	40.6	1.53
York	40.9	1.54
Mullaghmore	42.3	2
Holyhead	43.4	2.12
Parsonstown	42.7	2.29
Valentia	44.7	4.16
Sally (St Mary's)	47.2	2.18
Burton Castle	43.5	2
Dever	42.9	2.03
LONDON	42.7	1.46
Yarmouth	41.0	1.91

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

On Wednesday 30th March 1887 at 8 a.m.

The barometer has risen over the whole of these Islands and the neighbouring countries, but is falling over Sweden and the south of France. An area of high readings lies over our NW coast, with depressions over the Gulf of Bothnia and the Gulf of Lyons. The wind is consequently N^W all over Scandinavia, our east coast, and North Germany, and E^W over France, the SW of England, and the whole of Ireland. In our N^W and E^W districts the wind is light or moderate, but on the eastern shores of the North Sea, over the Bay of Biscay, and our SW coast blow strongly, and at Scilly reaches the force of a fresh gale. The weather is fine and bright in most places, but is dull in the S. and W. of France and over our SW coast, and cloudy in parts of Norway and Sweden. Snow fell in the N. and NE. yesterday. Temperature has fallen except in the N. - most in the NW, and readings range from 42° at Scilly to 27° at Barrow-in-Furness. Frost was experienced during the past night except in the extreme W., the lowest readings being 23° at Personstowen and Thess. Sea is rough in the SW and NE.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

31st MARCH

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

NW^W and N^W winds, fresh or strong; cloudy, some snow.

2 SCOTLAND EAST

— — —

3 ENGLAND NE

N^W winds, moderate to strong; fair on the whole, cold.

4 ENGLAND EAST

— — —

5 MIDLAND COUNTIES

N^W and NE^W winds, moderate; fair and cold then cloudy.

6 ENGLAND SOUTH

NE^W and E^W winds, moderate and fresh; fine to cloudy.

DISTRICTS

FORECASTS

6 SCOTLAND WEST

E^W winds, moderate to fresh; fine to cloudy.

7 ENGLAND N.W.

— — —

8 ENGLAND S.W.

E^W winds, strong; dull, cold.

9 IRELAND NORTH

E^W winds, fresh and strong; fine to cloudy.

10 IRELAND SOUTH

— — —

WARNINGS

The north cone was hoisted in the N. last night, but has been lowered this morning.

METEOROLOGICAL OBSERVATIONS FOR

30th MARCH

1881.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).		SHADE TEMP.		Amount of Rainfall.
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).				Max.	Min.	
Haparanda	29.38	4	L	0	b	29.04	-22	23	22	-3	NE	4	0	*	*	27	3	-
Hernösand	29.25	24	S S W	2	s	29.17	-22	24	21	-4	NNW	6	6c	*	*	36	21	0.08
Stockholm	29.26	31	S	2	0	29.27	-32	25	23	-5	WNW	2	6c	*	*	37	?	0.04
Wisby	29.32	34	S S W	6	r	29.36	-31	29	27	-5	WNW	6	0	*	*	45	23	0.16
Bodö	29.37	25	NNW	2	c	29.29	+04	19	18	-8	E	2	6	1	*	28	16	-
Christiansund	29.52	24	NNW	6	c	29.51	+09	25	24	-2	NW	7	c	5	*	28	16	0.16
†Skudesnaes	29.47	30	NNW	4	b	29.75	+40	28	25	-4	NNW	6	c	4	*	?	?	-
Öxö (Xtiansund)	29.21	31	NNW	2	c	29.63	+31	29	26	-4	WNW	4	6	2	*	34	25	0.04
Skagen (The Skaw)	29.34	31	WNW	4	b	29.58	+14	31	30	-3	NNW	5	c	4	*	36	28	0.12
Fanö	29.50	34	NNW	8	b	29.77	+16	36	34	+1	NW	6	c	*	*	36	32	-
Cuxhaven	29.65	37	N	5	bc	29.81	+12	38	35	-1	N	6	6	*	*	41	32	-
†Sumburgh Head																		
†Stornoway																		
Wick	29.93	30	N	6	c	30.07	+34	29	28	+2	NW	1	6c	3	*	35	23	0.05
Nairn	29.97	32	NW	2	bc	30.10	+30	31	30	+3	NW	2	c	2	*	36	27	-
†Aberdeen	29.90	31	NNW	6	s	30.09	+33	31	29	0	NNW	4	6c	4	*	38	26	0.06
Leith	29.92	39	NNE	1	b	30.13	+33	33	31	+1	N	1	6	*	*	41	26	-
†Shields	29.88	36	NNE	4	bc	30.10	+35	29	28	-4	N	3	6	5	*	36	27	0.03
Spurn Head	29.84	35	N	5	b	30.06	+35	36	35	-2	NNE	4	6	5	*	40	32	0.01
York	29.90	34	N	3	b	30.10	+36	30	30	-8	N	1	6	*	*	39	26	0.07
Nottingham	29.92	32	NNE	2	s	30.10	+32	33	31	-3	N	3	6	*	*	40	26	-
†Ardrossan	29.94	38	NNE	2	b	30.15	+33	30	29	-4	ENE	2	6m	1	*	39	25	-
†Mullaghmore	30.00	38	NE	6	bc	30.10	+24	33	31	-9	E	4	6	2	*	42	31	-
Donaghadee	29.97	36	NNE	6	bc	30.13	+33	36	34	-5	E	4	6c	2	*	41	33	-
Parsonstown	29.96	30	NNE	1	bc	30.07	+19	31	29	+1	NE	1	c	*	*	47	23	-
Barrow-in-Furness	29.89	37	NNE	3	b	30.01	+26	27	26	-14	NE	2	6	2	*	46	26	-
†Holyhead	29.91	38	NE	5	e	30.08	+29	35	32	-7	E	3	6	2	*	43	31	-
Liverpool (Bidston)	29.90	36	NE	2	bc	30.09	+32	32	30	-8	NE	1	6	1	*	44	28	-
†Valentia	29.89	46	NE	6	c	29.95	+08	37	34	-6	ENE	5	6m	5	*	53	30	-
Roche's Point	29.91	42	E	5	bc	29.97	+12	38	34	0	ESE	5	c	4	*	50	31	-
Pembroke	29.89	39	NNE	5	e	29.96	+18	33	31	-5	NNE	5	6	2	*	48	30	-
†Scilly	29.79	47	NNE	6	c	29.85	+09	42	41	-4	E	8	0	6	*	49	41	-
Prawle Point	29.74	47	NE	2	b	29.92	+17	35	33	-7	ENE	6	e	5	*	53	34	-
Hurst Castle	29.73	45	W S W	2	0	29.97	+21	36	34	-2	E	5	6	2	*	54	30	-
†Dover	29.71	41	L	0	b	29.98	+25	40	35	0	ENE	4	6c	3	*	45	35	-
†London	29.78	42	NNE	5	c	29.98	+20	34	32	0	NE	1	f	*	*	55	29	-
Oxford	29.90	34	NE	6	0	30.04	+25	35	32	+4	NE	2	6	*	*	50	26	-
Cambridge	29.82	36	NE	2	0	30.04	+30	33	32	+3	N	1	6	*	*	55	24	-
†Yarmouth	29.80	36	N	4	a	30.02	+29	39	34	+4	NNE	4	6	4	*	47	33	-
The Helder	29.78	36	NNW	3	c	29.96	+25	37	34	0	NNW	3	6c	2	*	45	36	-
Cape Gris Nez	29.74	42	ENE	1	b	29.95	+21	38	35	-3	NE	4	c	3	*	46	36	-
†Jersey	29.72	46	NE	2	m	29.89	+16	41	38	-4	E	5	6m	4	*	49	39	-
Brest	29.69	46	ENE	5	0	29.76	+07	43	43	-3	E	5	0	3	*	48	41	-
Lorient	29.63	53	NE	5	m	29.64	+04	45	40	-4	ENE	8	0	4	*	61	43	-
†Rochefort	29.63	57	N	3	b	29.65	-06	50	49	-4	ENE	7	m	2	*	64	41	-
Biarritz																		
Coruna	*	*	*	*	*			*	*	*						*	*	*
Brussett	*	*	*	*	*	29.97	+26	35	32	-5	NE	3	6	*	*	46	31	-
Charle ille	29.62	46	N	1	0	29.89	+22	33	30	-9	N	3	6	*	*	67	33	0.04
Paris	29.65	54	NE	3	c	29.88	+20	39	35	-9	NE	4	6	*	*	*	*	-
Lyons	29.60	59	S	4	0	29.60	-13	50	41	0	W	1	2	*	*	66	47	0.4
Toulon	29.71	53	E	7	0	29.52	-30	53	52	0	E	8	0	7	*	59	50	-

HIGH LEVEL STATION.

Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.60	29	N	5	b	28.81	+33	26	24	-7	ENE	2	6	*	*	35	21	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wca.	Sea.		Bar.	Dry.	Wet.	Wind.		Wca.	Sea.
Skudesnaes ...	29.33	33	29	NNW	6	bc	4	Valentia ...	29.88	51	47	NNE	4	bcm	5
Sumburgh Head								Scilly ...	29.78	48	45	NNE	5	bm	4
Stornoway ...								Dover ..	29.71	42	39	E	2	b	1
Aberdeen ...	29.72	38	34	NNW	7	bc	4	London ...	29.70	52	44	SW	1	b	*
Shields ...	29.83	33	30	N	2	bc	3	Yarmouth ...	29.70	45	43	N	4	b	3
Ardrossan ...	29.88	38	36	N	3	b	2	Jersey ...	29.73	48	47	NE	3	0	3
Mullaghmore ...	29.98	39	36	NE	6	bc	5	Rochefort ...	29.70	58	54	NW	3	b	1
Holyhead ...	29.87	39	36	NNE	6	c	5								

Strong Nth winds prevail in the NE and showers of rain and hail are falling at Wick; elsewhere the sky is nearly clear. Temperature rather low, readings ranging from 52° in London to 33° at Shields.

EXPLANATION OF COLUMNS.

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. equally; 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.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

† These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

THURSDAY, 31st MARCH.

1881.

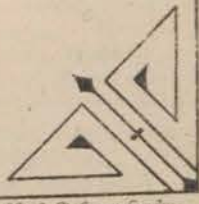
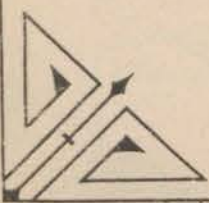
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ROBERT H. SCOTT

(SECRETARY.)

Fred^s Dangerfield, Lith. 22, Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Thursday 31st March.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their

barbs and feathers refer to force, thus—

→ forces above 10; → forces 8 to 10

→ forces 5 to 7; → forces 1 to 4;

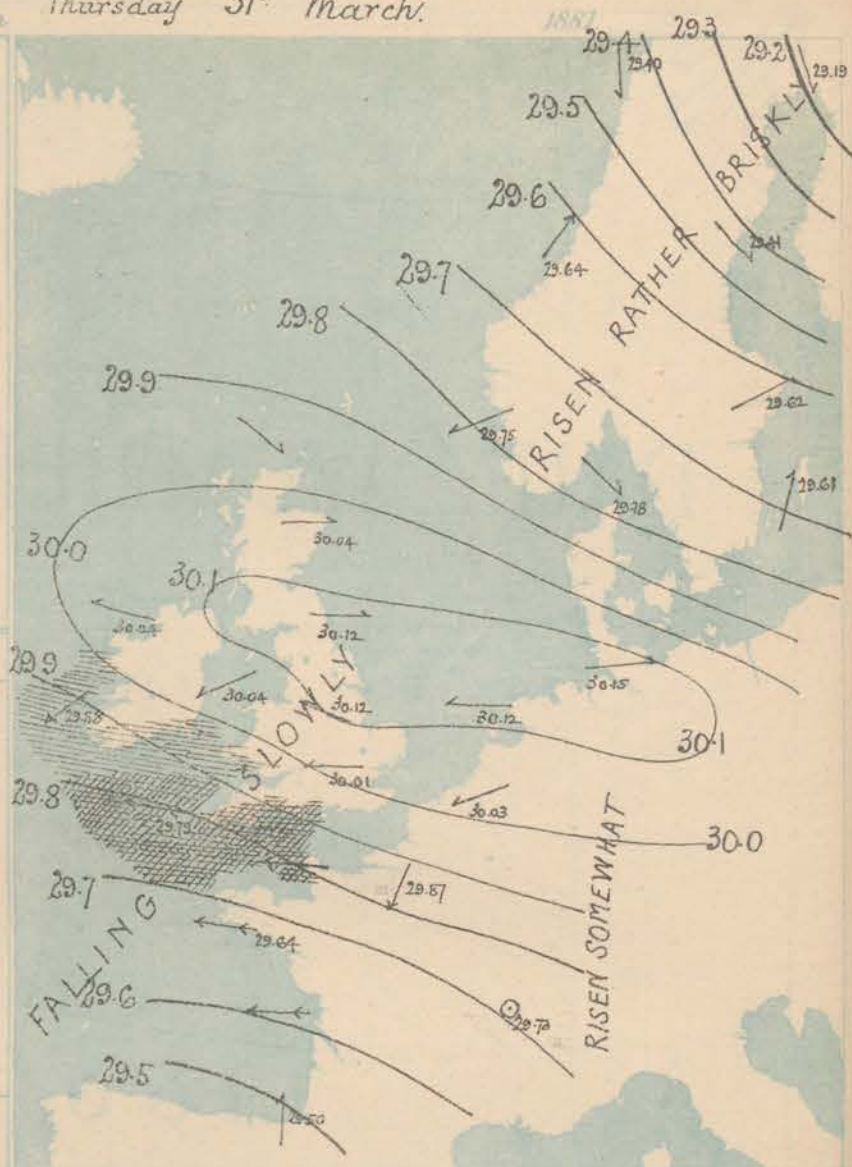
○ = dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast; thus ————— Rough; ————— High.

MEAN HEIGHT of the BAROMETER for the month of March

Stations.	Mean Readings In.
Nairn	29.853
Aberdeen	29.858
Leith	29.888
Scarborough	29.912
Ardrisvan	29.894
Greenacastle	29.889
Holyhead	29.897
Valencia	29.917
Rocha's Pt.	29.973
Plymouth	29.947
LONDON	29.940
Wormouth	29.925

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10° change in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

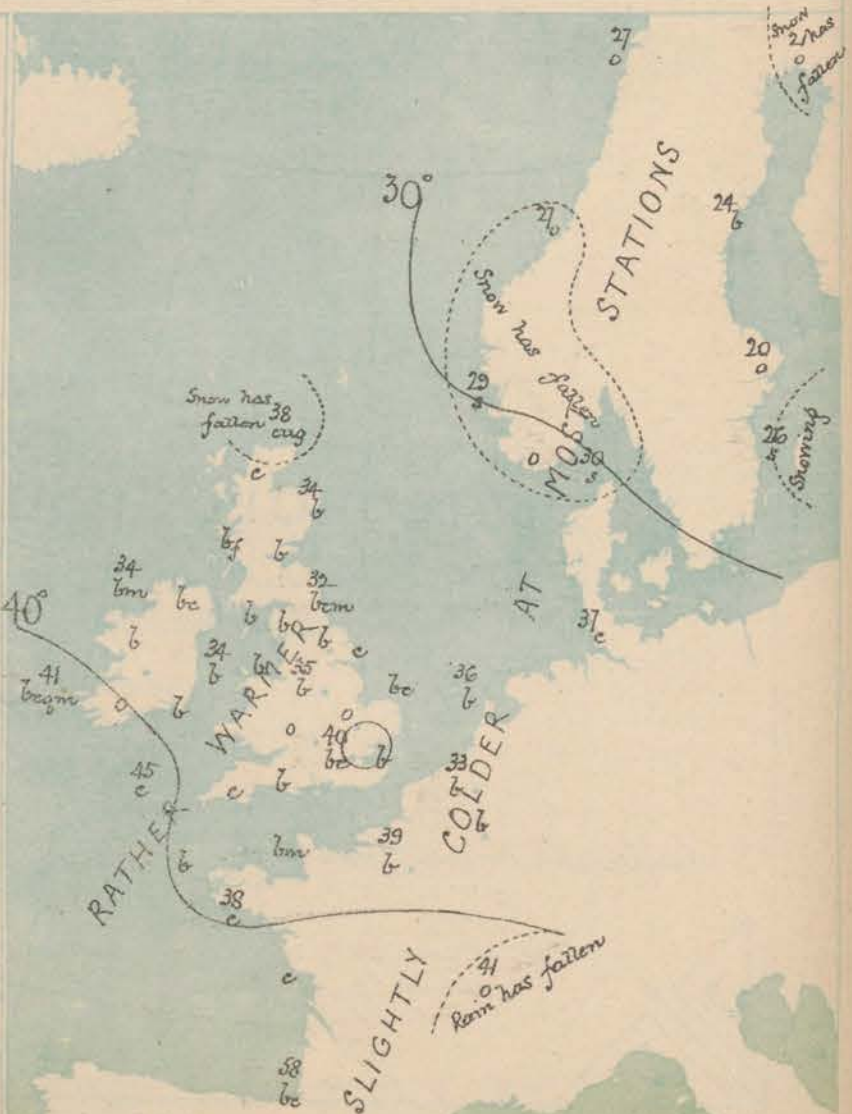
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AND RAINFALL for the month of March

Stations	Temp.	Rain-fall
Sandburgh Head	33.6	1.72
Seamen's	30.5	4.20
Aberdeen	40.2	1.64
Shields	40.6	1.63
York	40.9	1.61
Mullaghmore	42.3	2
Holyhead	43.4	2.12
Parsonstown	42.7	2.29
Valencia	44.7	4.75
Sally (St Mary's)	47.2	2.16
Ilurst Castle	43.5	2
Dover	42.9	2.03
LONDON	42.7	1.46
Wormouth	41.9	1.91

The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Thursday 31st March 1887, at 8 a.m.

An increase of pressure is reported this morning from Scandinavia, but a decrease from nearly all other places. A band of comparatively high pressure extends from the SW coast of Scotland across the north of England and the North Sea to North Germany, while depressions still exist over the North of Spain and the North of Sweden. W^{ly} (SW-NW) winds, light to fresh in force prevail over Scotland and the countries to the eastward of the North Sea, while E^{ly} winds fresh generally, and reaching a gale at the entrance to the Channel are reported from France, England and Ireland. The weather is fine and bright generally, but in the S of Norway and Sweden snow is falling, while in parts of Scotland, our SW coasts, and the N of France the sky is cloudy. Scarcely any rain or snow has fallen over Western Europe, and the only amount measured over the British Isles is 0.07 in at Wick. Temperature has fallen at most of the French and German stations and risen at most of our own. Readings range from 45° at Scilly to 29° at York and frost prevailed during the night at all but our SW and S stations. Sea is rough in the SW.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
1st APRIL

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	Light W ^{ly} breezes; weather fine to cloudy or dull.
2	SCOTLAND EAST	— — —
3	ENGLAND N.E.	— — —
4	ENGLAND EAST	E ^{ly} winds, fresh generally; weather fair and cold.
5	MIDLAND COUNTIES	Light E ^{ly} and SE ^{ly} winds; fine, cold.
6	ENGLAND SOUTH	Same as No 3.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	Variable airs to E ^{ly} breezes; fine, cold.
7	ENGLAND N.W.	NE ^{ly} and E ^{ly} winds, moderate to fresh; fine, cold.
8	ENGLAND S.W.	E ^{ly} winds, strong to a gale; fine and cloudy, cold.
9	IRELAND NORTH	E ^{ly} winds, moderate and fresh; fine.
10	IRELAND SOUTH	— — —
WARNINGS		None issued.

METEOROLOGICAL OBSERVATIONS FOR

31st MARCH

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.							PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	
Haparanda ...	29.94	19	Z	4	6	29.19	+15	21	19	-2	Z	4	0	*	23	14	0.04
Hernösand ...	29.33	23	Z Z W	2	6	29.41	+24	24	23	0	Z Z W	2	6	*	34	21	-
Stockholm ...	29.58	24	W	6	6	29.62	+35	20	17	-5	W S W	2	0	*	32	?	-
Wisby ...	29.63	27	SW	4	6	29.61	+25	26	25	-3	SW	6	6	*	32	21	-
Bodö ...	28.85	27	Z	4	6	29.40	+11	27	24	+8	Z	4	0	*	27	18	-
Christiansund ...	29.56	24	NW	6	6	29.64	+13	27	26	+2	SW	5	6	?	?	?	0.16
†Skudesnaes ...	29.80	31	W	5	8	29.75	00	29	29	+1	E NE	2	4	?	?	?	-
Oxö (Xriansund) ...	29.85	28	W	4	6	29.75	+12	33	32	+4	SW	1	6	1	?	28	0.04
Skagen (The Skaw) ...	29.83	31	NW	5	6	29.78	+20	30	30	-1	NW	4	8	4	34	28	0.04
Fanö ...														*	?	32	-
Cuxhaven ...	30.11	36	N	3	6	30.13	+32	37	35	-1	W	1	6	*	?	32	-
†Sumburgh Head																	
†Stornoway ...																	
Wick ...	30.01	35	W NW	3	6	29.95	-12	38	37	+9	W NW	3	6	3	39	27	0.07
Nairn ...	30.03	35	NW	2	6	30.05	-05	32	30	+1	W	3	6	1	37	30	-
†Aberdeen ...	30.03	37	W NW	3	6	30.04	-05	34	30	+3	W	1	6	2	39	26	-
Leith ...	30.10	38	SE	1	6	30.07	-06	36	32	+3	W NW	1	6	*	41	29	-
†Shields ...	30.14	35	E NE	2	6	30.12	+02	32	32	+3	W	2	6	4	37	26	-
Spurn Head ...	30.12	35	N NE	4	6	30.11	+05	37	35	+1	E	3	6	4	40	34	-
York ...	30.13	38	NE	1	6	30.14	+04	29	28	-1	NE	1	6	*	41	22	-
Nottingham ...	30.12	35	N NE	3	6	30.12	+02	35	31	+2	E SE	3	6	*	43	27	-
†Ardrossan ...	30.12	37	NW	1	6	30.10	+05	32	31	+2	Z	0	6	0	42	27	-
†Mullaghmore ...	30.05	42	E SE	4	6	30.04	-06	34	33	+1	E	4	6	2	43	32	-
Donaghadee ...	30.12	38	E NE	3	6	30.10	-03	37	34	+1	E SE	3	6	1	40	28	-
Parsonstown ...	30.03	42	E	2	0	30.02	-05	34	33	+3	NE	1	6	*	46	29	-
Barrow-in-Furness	30.11	40	NE	2	6	30.10	+09	34	32	+1	NE	2	6	2	46	26	-
†Holyhead ...	30.06	38	E NE	4	6	30.04	-04	34	32	-1	E NE	3	6	2	42	31	-
Liverpool (Bidston)	30.08	38	E NE	3	6	30.09	00	34	32	+2	E	2	6	1	41	30	-
†Valentia ...	29.91	44	E	6	6	29.88	-07	41	38	+4	E NE	5	6	5	46	36	-
Roche's Point ...	29.96	42	E SE	5	6	29.93	-04	40	36	+2	E SE	5	6	5	46	36	-
Pembroke ...	29.95	42	E	4	6	29.94	-02	34	30	+1	E	4	6	2	44	30	-
†Scilly ...	29.85	44	E	9	0	29.79	-06	45	41	+3	E	8	6	7	45	41	-
Prawle Point ...	29.90	40	E NE	8	6	29.87	-05	38	37	+3	E NE	7	6	7	44	35	-
Hurst Castle ...	29.96	42	E SE	6	6	29.95	-02	39	35	+3	E SE	6	6	3	45	35	-
†Dover ...	30.02	40	NE	4	6	30.02	+04	40	35	0	E	5	6	4	44	36	-
†London ...	30.04	38	E	4	6	30.04	+06	40	35	+6	E	4	6	*	48	34	-
Oxford ...	30.08	35	E	3	6	30.04	00	35	33	0	NE	1	6	*	45	27	-
Cambridge ...	30.07	37	N	2	6	30.08	+04	37	33	+4	E	1	6	*	46	26	-
†Yarmouth ...	30.09	37	NE	4	6	30.09	+07	37	33	-2	E SE	4	6	3	41	34	-
The Helder ...	30.11	35	N	1	6	30.12	+16	36	32	-1	E	1	6	1	37	34	-
Cape Gris Nez																	
†Jersey ...	29.86	42	E NE	7	6	29.83	-06	40	36	-1	E	7	6	5	45	36	-
Brest ...	29.77	49	E	5	6	29.70	-06	36	33	-7	E	5	6	4	?	?	-
Lorient ...	29.67	50	E	7	6	29.64	-05	38	35	-7	E	8	6	4	54	36	-
†Rochefort ...	29.63	55	E NE	9	6	29.65	00	45	42	-5	E	8	6	4	63	39	-
Biarritz ...	29.43	61	E	5	6	29.50	-06	58	52	+2	S	4	6	2	72	50	-
Corunna ...	*	*	*	*	*			*						*	*	*	
Brussels ...	*	*	*	*	*	30.03	+06	33	31	-2	E NE	4	6	*	45	30	-
Charleville ...	29.90	41	E	5	6	29.92	+03	34	31	+1	E	3	6	*	48	31	-
Paris ...	29.89	45	NE	7	6	29.87	-01	39	33	0	NE	5	6	*	*	*	-
Lyons ...	29.63	45	NW	4	6	29.73	+13	41	40	-9	NW	1	6	*	54	39	0.55
Toulon ...	29.57	51	E SE	4	6	29.76	+24	52	51	+1	SE	3	6	2	57	48	0.04
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.84	31	E	3	6	28.83	+02	27	25	+1	E NE	1	6	*	35	17	-

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.86	31	28	NW	4	C	4	Valentia ...	29.93	44	39	E	6	cmg	6
Sumburgh Head								Scilly ...	29.86	45	43	E	9	0	6
Stornoway ...								Dover ..	30.01	43	38	ENE	5	6	4
Aberdeen ...	30.09	38	34	WNW	3	C	4	London ...	30.02	43	38	ENE	4	09	*
Shields ...	30.14	35	35	NE	2	6	6	Yarmouth ...	30.08	40	35	NNE	3	6	3
Ardrossan ...	30.13	40	38	NW	1	6	0	Jersey ...	29.86	44	40	ENE	7	6	5
Mullaghmore ...	30.07	42	37	ESE	5	6	7	Rochefort ...	29.65	59	53	ENE	8	6	2
Holyhead...	30.03	40	35	ENE	4	6	3								

The mercury is falling a little in the extreme W. and rising in the SE, scarcely changing elsewhere. The weather is fine in the N. and E, dull in the SW, with strong E winds.

EXPLANATION OF COLUMNS.

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. equally; 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.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).
 + Received too late for mention in charts

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR MARCH 1881

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	+ YESTERDAY EVENING.					8 A.M. TO DAY.								PAST 24 HOURS.			
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
				Force. (0 to 12).	Dir.		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	
1 st	Stornoway	-	-	-	-	-	29.91	-0.04	27	27	-2	SE	2	bc	1	35	20	0.05
"	Corunna	-	-	-	-	-	30.10	+0.33	48	48	-1	SE	1	bc	1	48	48	-
"	Sumburgh Hd 2pm	-	-	-	-	-	29.89	-0.01	30	30	-1	SE	2	bc	1	30	30	-
"	Stornoway 2pm	-	-	-	-	-	29.96	-0.01	29	29	-1	SE	2	bc	1	29	29	-
2 nd	Sumburgh Hd.	29.94	30	SE	2	bc	30.07	+0.13	29	27	-2	SE	2	bc	1	33	26	0.03
"	Stornoway	30.00	28	SE	2	bc	30.18	+0.21	27	27	-1	SE	2	bc	1	31	15	0.01
"	Corunna	-	-	-	-	-	30.03	-0.03	56	56	-1	SE	1	bc	1	56	56	-
3 rd	Stornoway 2pm	-	-	-	-	-	30.25	-0.05	36	34	-2	W	1	bc	1	36	34	-
"	Stornoway	30.26	29	SE	2	bc	30.01	-0.25	34	34	-1	SE	2	bc	1	37	25	-
"	Corunna	-	-	-	-	-	29.65	-0.33	66	66	-1	SE	1	bc	1	66	66	-
"	Stornoway 2pm	-	-	-	-	-	29.80	-0.16	37	37	-1	SE	2	bc	1	37	34	-
4 th	Stornoway	29.66	30	SE	2	bc	29.53	-0.13	39	38	-1	SE	2	bc	1	40	34	-
"	Stornoway	29.98	36	SE	2	bc	29.81	-0.17	34	34	-1	SE	2	bc	1	38	32	0.04
"	Donaghadee	29.62	38	SE	2	bc	29.48	-0.14	37	36	-1	SE	2	bc	1	40	30	0.03
"	Corunna	-	-	-	-	-	29.70	+0.05	53	53	-1	SE	2	bc	1	53	53	-
"	Stornoway 2pm	-	-	-	-	-	29.52	-0.18	41	40	-1	SE	2	bc	1	41	39	-
5 th	Hesperand	30.57	1	SE	2	bc	30.62	+0.05	-9	-9	-1	SE	2	bc	1	21	-9	-
"	Hesperand	30.55	0	SE	2	bc	30.54	-0.01	-2	-2	-1	SE	2	bc	1	21	-11	-
"	Stockholm	30.37	14	SE	4	bc	30.36	-0.01	17	16	-1	SE	4	bc	1	45	-2	-
"	Willy	30.14	21	SE	4	bc	30.13	-0.01	22	21	-1	SE	4	bc	1	23	9	0.04
"	Wade	30.39	28	SE	2	bc	30.33	-0.06	27	26	-1	SE	2	bc	1	28	28	-
"	Christiansund	30.37	30	SE	2	bc	30.15	-0.22	31	28	-3	SE	5	bc	2	32	13	-
"	Sumburgh Hd.	29.92	34	SE	2	bc	29.82	-0.10	30	30	-1	SE	2	bc	1	35	31	-
"	Stornoway	29.60	40	SE	2	bc	29.43	-0.17	36	35	-1	SE	2	bc	1	42	35	-
"	Corunna	-	-	-	-	-	29.68	-0.02	62	62	-1	SE	4	bc	1	62	62	-
"	Sumburgh Hd 2pm	-	-	-	-	-	29.76	-0.14	32	30	-2	SE	2	bc	1	32	30	-
"	Stornoway 2pm	-	-	-	-	-	29.33	-0.37	41	39	-2	SE	2	bc	1	41	39	-
6 th	Sumburgh Hd.	29.73	33	SE	2	bc	29.56	-0.17	33	32	-1	SE	2	bc	1	34	29	-
"	Stornoway	29.27	32	SE	2	bc	29.15	-0.12	38	36	-2	SE	2	bc	1	41	35	-
"	Sumburgh Hd.	29.46	32	SE	2	bc	29.16	-0.30	35	35	-1	SE	2	bc	1	35	32	0.02
"	Stornoway	29.08	30	SE	2	bc	29.01	-0.07	44	44	-1	SE	2	bc	1	44	35	0.40
"	Stornoway	29.31	36	SE	2	bc	29.16	-0.15	37	37	-1	SE	2	bc	1	37	31	0.18
"	Corunna	-	-	-	-	-	29.74	+0.09	57	57	-1	SE	2	bc	1	57	57	-
"	Lyons	29.78	55	SW	4	bc	29.30	-0.48	51	49	-2	SE	1	bc	1	59	47	-
"	Sumburgh Hd 2pm	-	-	-	-	-	29.12	-0.66	36	36	-1	SE	2	bc	1	36	36	-
"	Stornoway 2pm	-	-	-	-	-	29.97	-0.03	46	45	-1	SW	3	bc	1	46	45	-
7 th	Sumburgh Hd.	29.08	35	SE	2	bc	29.11	-0.05	36	35	-1	SE	2	bc	1	37	34	0.05
"	Stornoway	29.96	45	SW	2	bc	29.15	+0.14	40	39	-1	W	1	bc	1	46	38	0.16
"	Corunna	-	-	-	-	-	30.16	+0.42	51	51	-1	SE	1	bc	1	51	51	-
"	Lyons	29.82	57	SW	1	bc	30.01	+0.21	45	43	-2	SW	1	bc	1	63	43	0.12
"	Sumburgh Hd 2pm	-	-	-	-	-	29.17	-0.03	39	39	-1	W	2	bc	1	39	39	-
"	Stornoway 2pm	-	-	-	-	-	29.32	-0.16	45	42	-3	W	3	bc	1	45	42	-
"	Sumburgh Hd.	29.24	40	W	2	bc	29.37	+0.13	39	38	-1	W	4	bc	1	40	36	0.06
"	Stornoway	29.41	44	W	2	bc	29.38	+0.03	41	41	-1	SE	1	bc	1	46	36	0.04
"	Corunna	-	-	-	-	-	30.45	+0.29	43	43	-1	SE	1	bc	1	43	43	-
"	Sumburgh Hd 2pm	-	-	-	-	-	29.37	-0.03	41	39	-2	SW	4	bc	1	41	39	-
"	Stornoway 2pm	-	-	-	-	-	29.34	-0.03	44	43	-1	SE	1	bc	1	44	43	-
8 th	Sumburgh Hd.	29.36	30	SW	2	bc	29.51	+0.14	40	39	-1	W	3	bc	1	42	37	0.07
"	Stornoway	29.40	43	W	1	bc	29.68	+0.28	42	42	-1	W	0	bc	1	45	36	0.11
"	Corunna	-	-	-	-	-	30.36	+0.09	47	47	-1	SE	1	bc	1	47	47	-
"	Sumburgh Hd 2pm	-	-	-	-	-	29.67	-0.03	44	41	-3	W	2	bc	1	44	41	-
"	Stornoway 2pm	-	-	-	-	-	29.72	-0.05	44	44	-1	W	0	bc	1	44	44	-
9 th	Sumburgh Hd.	29.72	38	W	2	bc	29.29	-0.43	45	45	-1	W	6	bc	1	46	37	0.19
"	Stornoway	29.70	47	W	1	bc	29.50	-0.20	50	50	-1	W	7	bc	1	50	42	0.10
"	Corunna	-	-	-	-	-	30.06	-0.30	54	54	-1	W	1	bc	1	54	54	-
"	Sumburgh Hd 2pm	-	-	-	-	-	29.78	-0.06	46	45	-1	W	6	bc	1	46	45	-
"	Stornoway 2pm	-	-	-	-	-	29.61	-0.17	51	49	-2	W	7	bc	1	51	49	-
10 th	Sumburgh Hd.	29.38	41	W	5	bc	29.91	+0.53	38	36	-2	W	3	bc	1	47	34	0.10
"	Stornoway	29.42	47	W	6	bc	29.90	+0.48	45	44	-1	W	4	bc	1	53	39	-
"	Stornoway	30.29	46	SW	4	bc	29.93	-0.36	41	40	-1	W	3	bc	1	46	46	-
"	Biscaya	29.94	40	SE	5	bc	29.92	-0.02	58	54	-4	W	5	bc	1	58	54	-
"	Corunna	-	-	-	-	-	29.48	-0.08	59	59	-1	SE	1	bc	1	59	59	-
"	Sumburgh Hd 2pm	-	-	-	-	-	30.00	-0.04	41	39	-2	SE	3	bc	1	41	39	-
"	Stornoway 2pm	-	-	-	-	-	29.89	-0.11	48	46	-2	SE	5	bc	1	48	46	-
11 th	Sumburgh Hd.	29.99	38	SE	4	bc	29.91	-0.08	39	37	-2	SE	6	bc	1	44	35	0.01
"	Stornoway	29.87	44	SE	4	bc	29.85	-0.02	48	45	-3	SE	6	bc	1	49	44	0.05
12 th	Sumburgh Hd.	29.76	38	SE	8	bc	29.88	-0.23	41	39	-2	SE	8					

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

HOURS	DATE.	STATIONS.	+ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
			Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
					Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
0.05	20 th	Sumburgh Hd.	29.67	30	7	7	W	5	29.59	+0.02	29	29	-	1	10	2	2	38.	29	0.12	
		Stornoway	29.86	34	7	7	W	5	29.47	+0.08	30	30	-	1	10	2	2	41	29	0.09	
		Sumburgh Head	29.61	26	7	7	E	5	29.84	+0.05	22	20	-	1	10	2	2	30	29	0.08	
		Stornoway	29.67	31	5	5	E	4	29.58	-0.09	24	24	-	1	10	2	2	34	29	0.06	
		Sumburgh Hd 2pm	-	-	-	-	-	-	29.66	-	25	23	-	1	10	2	2	-	-	-	
		Stornoway 2pm	-	-	-	-	-	-	29.72	-	24	24	-	1	10	2	2	-	-	-	
0.03	21 st	Sumburgh Hd.	29.65	22	7	7	W	4	29.66	+0.02	23	23	-	1	10	2	2	26	22	0.34	
0.01		Stornoway	29.75	23	7	7	W	1	29.73	+0.02	24	24	-	1	10	2	2	30	15	0.04	
		Corunna	*	*	*	*	*	*	30.15	+0.05	32	*	-	0	0	2	2	*	*	*	
		Sumburgh Hd 2pm	-	-	-	-	-	-	29.75	-	24	23	-	1	10	2	2	-	-	-	
		Stornoway 2pm	-	-	-	-	-	-	29.81	-	31	30	-	1	10	2	2	-	-	-	
0.04	22 nd	Sumburgh Hd.	29.79	23	7	7	W	3	29.68	+0.02	28	26	-	1	10	2	2	28	23	0.09	
		Stornoway	29.85	29	7	7	W	3	29.45	-0.28	30	30	-	1	10	2	2	39	25	0.12	
		Jersey	30.15	44	7	7	W	3	29.96	-0.17	43	39	-	1	10	2	2	47	38	-	
		Corunna	*	*	*	*	*	*	29.81	-0.34	59	*	-	1	10	2	2	*	*	*	
0.03		Sumburgh Hd 2pm	-	-	-	-	-	-	29.40	-	34	34	-	1	10	2	2	-	-	-	
0.03		Stornoway 2pm	-	-	-	-	-	-	29.13	-	40	39	-	1	10	2	2	-	-	-	
		Jersey 2pm	-	-	-	-	-	-	29.77	-	42	40	-	1	10	2	2	-	-	-	
0.04	23 rd	Sumburgh Hd.	29.17	35	8	8	W	6	28.45	-0.23	38	37	-	1	10	2	2	38	28	0.53	
		Stornoway	28.92	39	8	8	W	6	28.76	-0.09	35	34	-	1	10	2	2	41	31	0.15	
		Corunna	*	*	*	*	*	*	28.41	-0.06	48	*	-	1	10	2	2	*	*	*	
		Sumburgh Hd.	28.39	36	7	7	W	2	28.75	+0.46	33	32	-	1	10	2	2	40	32	0.36	
		Stornoway	28.77	33	7	7	W	8	29.2	+0.46	37	35	-	1	10	2	2	37	30	0.61	
		Shields	29.07	39	7	7	W	4	29.16	+0.06	43	39	-	1	10	2	2	43	32	0.10	
		Corunna	*	*	*	*	*	*	29.81	+0.06	55	*	-	1	10	2	2	*	*	*	
		Stornoway	29.84	43	7	7	W	9	29.73	-0.34	46	46	-	1	10	2	2	52	46	-	
		Sumburgh Hd 2pm	-	-	-	-	-	-	29.24	-	31	30	-	1	10	2	2	-	-	-	
		Stornoway 2pm	-	-	-	-	-	-	29.37	-	35	33	-	1	10	2	2	-	-	-	
0.02	24 th	Sumburgh Hd.	29.23	30	7	7	W	6	29.55	+0.64	32	32	-	1	10	2	2	35	28	0.21	
		Stornoway	29.55	32	7	7	W	6	29.73	+0.51	33	33	-	1	10	2	2	37	28	0.03	
		Corunna	*	*	*	*	*	*	29.69	-0.12	50	*	-	1	10	2	2	*	*	*	
		Sumburgh Hd 2pm	-	-	-	-	-	-	29.64	-	34	32	-	1	10	2	2	-	-	-	
		Stornoway 2pm	-	-	-	-	-	-	29.75	-	37	34	-	1	10	2	2	-	-	-	
0.18	25 th	Sumburgh Hd.	29.68	32	7	7	W	4	29.52	-0.03	39	37	-	1	10	2	2	39	32	0.35	
		Stornoway	29.79	33	7	7	W	4	29.72	-0.01	40	40	-	1	10	2	2	40	31	0.06	
		Sumburgh Hd.	29.32	32	7	7	W	4	29.70	+0.18	30	24	-	1	10	2	2	41	27	0.13	
		Stornoway	29.63	42	7	7	W	6	29.68	-0.04	30	30	-	1	10	2	2	44	32	0.14	
		Corunna	*	*	*	*	*	*	29.63	+0.12	55	*	-	1	10	2	2	*	*	*	
		Sumburgh Hd 2pm	-	-	-	-	-	-	29.69	-	30	29	-	1	10	2	2	-	-	-	
		Stornoway 2pm	-	-	-	-	-	-	29.68	-	42	42	-	1	10	2	2	-	-	-	
0.05	26 th	Sumburgh Hd.	29.55	28	7	7	W	6	29.44	-0.26	30	30	-	1	10	2	2	31	28	0.32	
0.16		Stornoway	29.66	38	7	7	W	4	29.86	+0.14	30	30	-	1	10	2	2	44	25	0.04	
0.12		Corunna	*	*	*	*	*	*	29.59	-0.04	58	*	-	1	10	2	2	*	*	*	
		Sumburgh Hd 2pm	-	-	-	-	-	-	29.71	-	30	30	-	1	10	2	2	-	-	-	
		Stornoway 2pm	-	-	-	-	-	-	29.95	-	34	33	-	1	10	2	2	-	-	-	
0.06	30 th	Sumburgh Hd.	29.80	28	7	7	W	6	29.95	+0.51	25	23	-	1	10	2	2	31	25	0.21	
0.04		Stornoway	30.03	29	7	7	W	6	30.11	+0.25	33	33	-	1	10	2	2	35	28	-	
		Biscaya	29.56	65	5	5	E	0	29.56	-0.06	56	51	-	1	10	2	2	72	50	-	
		Sumburgh Hd 2pm	-	-	-	-	-	-	29.88	-	31	31	-	1	10	2	2	-	-	-	
		Stornoway 2pm	-	-	-	-	-	-	30.08	-	35	34	-	1	10	2	2	-	-	-	
0.01	31 st	Fano	30.02	32	7	7	W	4	30.03	+0.26	38	34	-	1	10	2	2	-	-	-	
0.11		Sumburgh Hd.	29.80	35	7	7	W	5	29.93	-0.02	32	31	-	1	10	2	2	40	25	0.46	
		Stornoway	30.07	38	7	7	W	5	30.01	-0.10	41	40	-	1	10	2	2	41	33	-	
		Corunna	*	*	*	*	*	*	29.44	-	50	*	-	1	10	2	2	*	*	*	
		Sumburgh Hd 2pm	-	-	-	-	-	-	30.02	-	33	31	-	1	10	2	2	-	-	-	
0.19	1 st	Stornoway 2pm	-	-	-	-	-	-	30.02	-	45	43	-	1	10	2	2	-	-	-	
		Sumburgh Hd 2pm	-	-	-	-	-	-	28.89	-	38	37	-	1	10	2	2	-	-	-	
		Stornoway 2pm	-	-	-	-	-	-	28.73	-	33	33	-	1	10	2	2	-	-	-	
0.10	2. CORRECTIONS																				
	1 st	Parsonstown	-	-	-	-	-	-	30.06	+0.18	-	-	-	-	-	-	-	-	-	-	
	2 nd	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	3 rd	Nottingham	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0.01		Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0.05	3 rd	Pravle Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0.19		Sumburgh Hd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4 th	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Mullaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Tram	-	-	-	-	-	-	29.81	-0.32	-	-	-	-	-	-	-	-	-	-	
0.09	5 th	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0.01		Androsan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	6 th	Asford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Mullaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Silly	-	-	-	-	-	-	29.33	+0.08	-	-	-	-	-	-	-	-	-	-	
		Asford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7 th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	8 th	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	13 th	Dover	-	-	-	-	-	-	29.60	+0.20	-	-	-	-	-	-	-	-	-	-	
	16 th	Pravle Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	17 th	Dover in Farnes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0.15		Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0.37	18 th	Valencia	-	-	-	-	-	-	30.54	-0.01	-	-	-	-	-	-	-	-	-	-	
	21 st	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	24 th	Richardson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	28 th	Dover	-	-	-	-	-	-	29.88	-	-	-	-	-	-	-	-	-	-	-	
0.31	29 th	Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0.22		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0.10		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0.28		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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