

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 FEBRUARY.

1881.

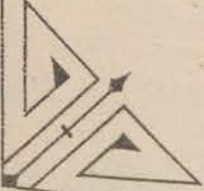
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METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


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ROBERT H. SCOTT

(SECRETARY.)



Fred. D. Doughty, Lith. 22, Bedford St. (over Garden.)

WEATHER CHARTS

for 8 a.m. on Tuesday 1st FEBRUARY, 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.

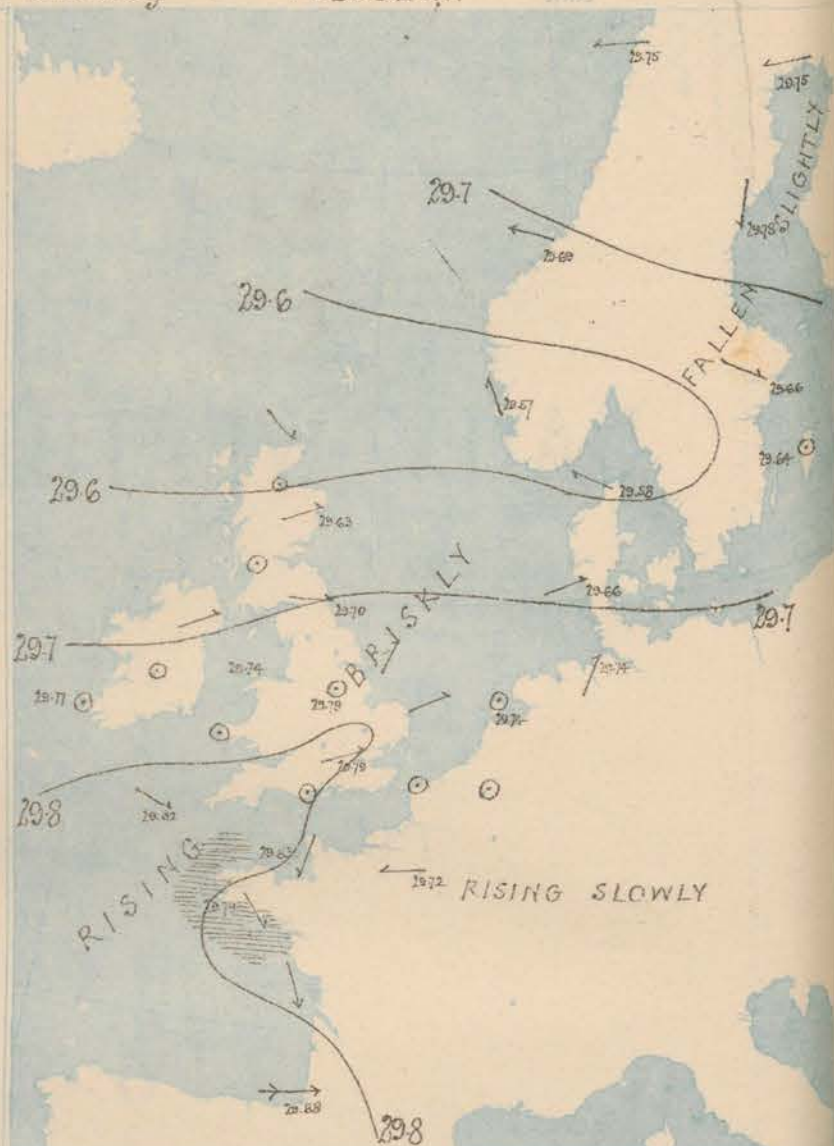
Sea Disturbance, where considerable, is shown by shading round the coast; thus: Rough, High.

MEAN* HEIGHT of the BAROMETER

for the month of February

Stations.	Mean Readings
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greencastle	29.847
Holyhead	29.889
Valentia	29.903
Roche's Pt.	29.922
Plymouth	29.933
LONDON	29.963
Wormouth	29.974

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



REMARKS

for... TUESDAY, 1st FEBRUARY 1881, at 8 a.m.

The weather remains very quiet over the whole of Western Europe. A brisk increase of pressure has occurred over the whole of our areas and readings, though rather higher in the south west, and lower over the south of Scandinavia than elsewhere are very uniform generally. The winds are consequently light on all coasts, and vary a good deal in direction. At our stations they are W^{ly}, while over the Netherlands and north of France as well as in the north of Scandinavia they are E^{ly}, and over the Bay of Biscay NW^{ly}. Temperature has fallen in most places, and readings range over these Islands from 46° at Lillie to 30° at Nottingham and Aberdeen, and over the Continent from 54° at Biarritz to 6° at Haparanda. Last night slight frost was experienced over Central and South eastern England. The weather has been dry except in the south west, where slight rain has fallen. The sky is at present nearly clear in the north and west, but is overcast with fog or drizzling rain over our central and southern stations, and in most parts of France. A brilliant display of aurora was seen in nearly all parts of the Kingdom last evening. The sea is slight.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the

2nd FEBRUARY.

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



DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Light breezes from the W nd ; fair.	6 SCOTLAND WEST	Light SW ^{ly} breezes; cloudy and foggy, then fine.
2 SCOTLAND EAST	.....	7 ENGLAND N.W.	.....
3 ENGLAND N.E.	Light breezes between SW and W; cloudy and misty, then fair.	8 ENGLAND S.W.	W ^{ly} breezes, light; cloudy, foggy.
4 ENGLAND EAST	.....	9 IRELAND NORTH	Very light breezes between W and S; fine, fog in places.
5 MIDLAND COUNTIES	Very light airs; cloudy and foggy, then fine.	10 IRELAND SOUTH	.....
6 ENGLAND SOUTH	Light breezes and calms; fog or mist, fine on the coast.	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 1ST FEBRUARY 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 ...	29.76	8	N	2	o	29.75	- .06	6	6	- 3	E	2	o	*	9	5	0.08		
Hernösand ...	29.76	16	N	2	s	29.78	- .04	17	16	+ 5	NNE	2	o	*	23	9	0.08		
Stockholm ...	29.64	33	SE	2	r	29.66	- .02	29	29	+ 3	WNW	2	o	*	36	23	0.20		
Wisby ...	29.63	36	SE	2	o	29.64	+ .04	34	34	+ 1	L	o	f	*	37	28	-		
Bodö ...	29.67	17	E	2	o	29.75	+ .12	18	17	+ 1	E	2	o	1	18	16	-		
Christiansund...	29.60	30	NNE	3	o	29.69	+ .23	24	?	- 4	ESE	5	b	3	32	19	-		
†Skudesnaes ...	29.49	38	E	2	r	29.57	+ .10	36	36	- 3	SSE	4	r	4	39	?	-		
Oxö (Xiansund) ...	29.57	30	NNE	4	o	29.58	+ .15	31	30	+ 3	NE	4	s	3	?	28	0.04		
Skagen (The Skaw)	29.59	32	L	o	f	29.58	+ .08	32	32	o	ESE	2	s	0	32	30	0.12		
Fanö ...	29.52	34	WSW	4	f	29.60	+ .16	35	35	+ 1	WSW	4	o	*	36	34	0.20		
Cuxhaven ...	29.58	40	SW	4	f	29.74	+ .24	33	33	- 6	SW	1	f	*	?	30	-		
†Sumburgh Head																			
†Stornoway ...																			
Wick ...	29.34	39	S	2	b	29.55	+ .38	36	35	- 5	WN	4	c	3	43	35	-		
Nairn ...	29.37	39	L	o	b	29.59	+ .44	34	34	- 1	L	o	b	1	42	30	-		
†Aberdeen ...	29.40	38	SW	1	b	29.63	+ .41	30	29	- 6	WSW	1	b	1	43	27	-		
Leith ...	29.44	41	W	1	b	29.68	+ .44	36	35	- 2	WSW	1	o	*	42	32	-		
†Shields ...	29.49	40	L	o	om	29.70	+ .40	35	34	- 3	W	1	m	o	45	32	-		
Spurn Head ...	29.54	38	SSW	3	b	29.74	+ .46	35	34	- 1	SW	2	b	3	47	30	-		
York ...	29.52	40	WSW	1	b	29.74	+ .36	33	33	- 4	S	1	c	*	46	30	-		
Nottingham ...	29.57	39	S	2	b	29.79	+ .34	30	30	- 5	L	o	of	*	46	27	-		
†Ardrossan ...	29.46	42	SW	2	c	29.69	+ .45	36	36	- 6	ESE	1	b	0	44	34	-		
†Mullaghmore ...																			
Donaghadee ...	29.51	38	WSW	4	b	29.69	+ .42	33	33	- 3	WSW	3	b	o	47	32	-		
Parsonstown ...	29.49	38	S	1	b	29.78	+ .46	30	30	- 4	S	1	b	*	47	29	-		
Barrow-in-Furness	29.49	38	SSW	4	b	29.71	+ .40	35	35	- 4	E	2	c	2	47	34	0.02		
†Holyhead ...	29.50	42	SW	2	b	29.74	+ .40	38	37	- 3	?	1	b	o	46	37	-		
Liverpool (Bidston)	29.52	41	S	2	b	29.75	+ .39	37	36	- 3	SW	2	b	1	46	37	-		
†Valentia ...	29.50	42	NNE	1	b	29.77	+ .46	38	37	- 2	NE	1	c	2	46	35	0.05		
Roche's Point...	29.52	42	WSW	3	b	29.79	+ .44	35	34	- 5	WNW	2	b	3	46	35	-		
Pembroke ...	29.51	44	SW	3	b	29.75	+ .40	36	36	- 9	E	1	f	3	48	34	0.03		
†Scilly ...	29.57	48	SSE	1	r	29.82	+ .38	46	44	- 1	WNW	2	c	4	53	44	0.19		
Prawle Point ...	29.56	45	SSE	2	c	29.82	+ .34	40	40	- 4	W	2	c	3	50	36	-		
Hurst Castle ...	29.59	43	S	2	b	29.80	+ .28	35	35	- 7	NE	1	f	2	49	35	-		
†Dover ...	29.63	41	WSW	2	b	29.77	+ .28	39	38	- 1	WNW	2	b	1	45	35	-		
†London ...	29.62	42	WSW	3	b	29.79	+ .23	39	38	- 4	WNW	2	of	*	52	33	0.01		
Oxford ...	29.61	41	SE	2	b	29.80	+ .31	36	35	- 1	L	o	of	*	51	33	0.01		
Cambridge ...	29.60	37	SW	1	b	29.80	+ .32	31	31	- 4	SW	1	o	*	49	29	-		
†Yarmouth ...	29.60	42	SW	2	b	29.75	+ .30	31	31	- 6	WSW	1	b	2	46	28	-		
The Heider ...	29.63	36	SW	2	f	29.74	+ .36	34	34	- 3	SW	1	f	1	39	34	0.04		
Cape Gris Nez	29.66	41	S	3	b	29.76	+ .20	39	39	- 3	NE	1	b	1	45	39	-		
†Jersey ...	29.61	44	SE	4	om	29.83	+ .24	44	42	+ 3	NNE	2	b	1	46	40	-		
Brest ...	29.56	45	SE	4	r	29.82	+ .26	?	42	?	N	?	?	5	50	41	0.29		
Lorient ...	29.38	45	SSE	4	r	29.79	+ .26	41	40	- 2	WNW	3	b	5	46	39	0.29		
†Rochefort ...	29.49	46	WSW	4	c	29.78	+ .20	43	42	- 4	WNW	5	f	2	54	37	0.29		
Biarritz ...	29.78	56	W	3	c	29.88	+ .20	54	51	- 1	W	9	r	?	59	48	0.16		
Cornuna ...	*	*	*	*	*			*	*						*	*	*		
Brussels ...	*	*	*	*	*	29.78	+ .19	33	33	- 6	E	1	c	*	48	33	-		
Charleville ...	29.79	41	SE	4	b	29.70	+ .05	36	34	- 3	ESE	4	o	*	41	36	-		
Paris ...	29.66	46	?	3	o	29.72	+ .04	41	39	+ 2	E	3	r	*	*	*	0.24		
Lyons ...																			
Toulon ...																			

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

Hawes Junction	29.26	36	WSW	3	r	28.46	+ .38	34	34	- 2	S	1	o	*	38	33	0.04
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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 ...	29.49	39	27	E	4	r	3	Valentia ...	29.42	45	42	W	3	4
Sumburgh Head ...	29.50	42	41	SE	4	r	6	Scilly ...	29.45	53	53	S	4	5
Stornoway ...								Dover ..	29.61	44	43	WSW	2	3
Aberdeen ...	29.32	41	40	SW	1	b	1	London ...	29.57	40	45	SW	2	*
Shields ...	29.42	42	40	WN	1	b	0	Yarmouth ...	29.54	46	43	WSW	2	2
Ardrossan ...	29.38	43	42	SW	2	c	2	Jersey ...	29.61	44	44	ESE	2	3
Mullaghmore ...	29.37	45	41	SW	2	b	3	Rochefort ...	29.58	51	49	WSW	7	4
Holyhead ...	29.43	46	44	SW	3	b	3							

Pressure is increasing everywhere, with mild SW winds and fair 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

FOR

WEDNESDAY, 2nd FEBRUARY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

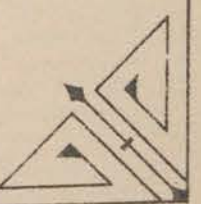
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ROBERT H. SCOTT
(SECRETARY.)



Printed by J. G. Fisher, at the Victoria St. Press, London.

WEATHER CHARTS

for 8 a.m. on Wednesday 2ND FEBRUARY. 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.

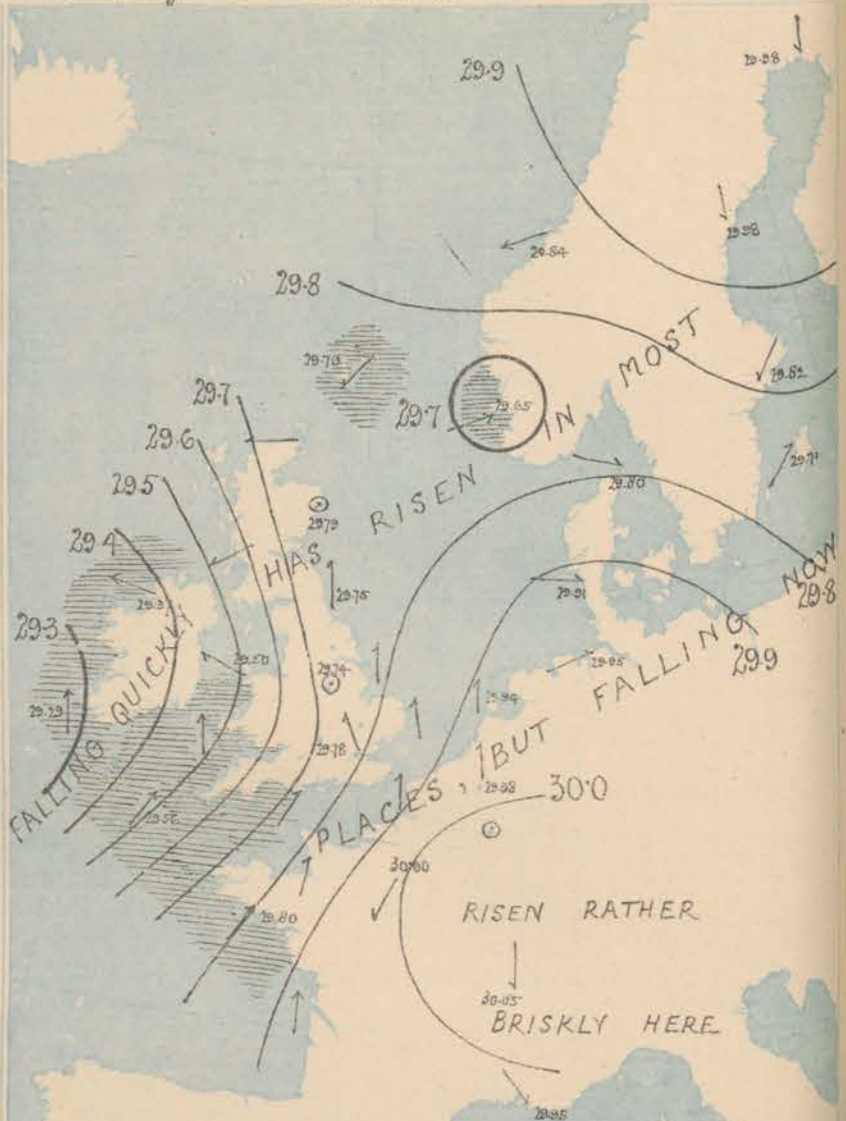
Sea Disturbance, where considerable, is shown by shading round the coast; thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of February.

Stations.	Mean Readings (ins.)
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greencastle	29.847
Holyhead	29.889
Valentia	29.903
Roche's Pt.	29.922
Plymouth	29.893
LONDON	29.983
Yarmouth	29.974

* 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.

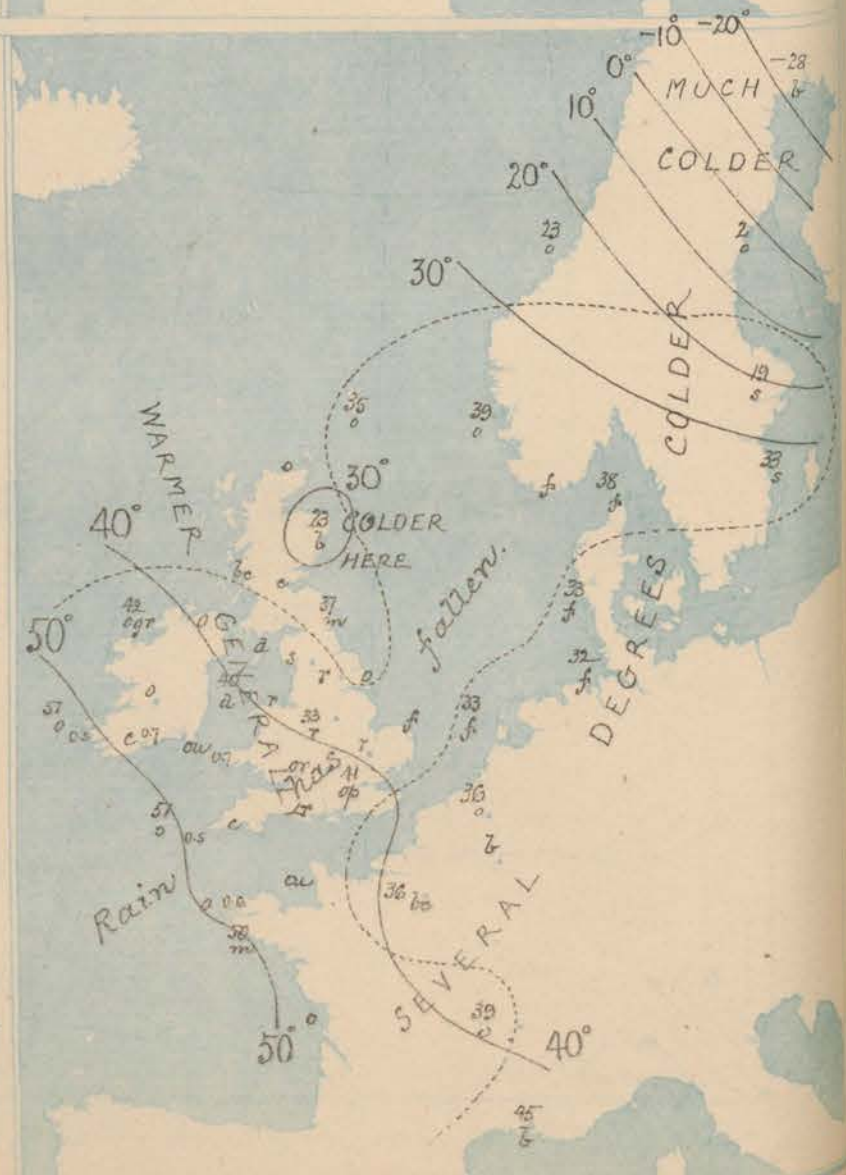
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of February.

Stations	Temp.	Rain-fall (ins.)
Sundburgh Head	38.5	2.40
Sarnoway	39.4	4.31
Aberdeen	39.7	2.20
Shields	39.3	1.61
York	39.7	1.75
Mulkeghmore	41.7	2
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valentia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.9	2
Dover	41.0	1.78
LONDON	41.2	1.58
Fermouth	39.5	2.05

* 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, 2ND FEB^Y 1881, at 8 a.m.

A rather deep depression has advanced to Ireland during the night, occasioning a brisk fall of the barometer over that country, and a slight fall in almost all parts of these Islands and France. In Scandinavia and over Central France the mercury is rising and areas of high pressure are reported. Gradients are rather steep in the south west, and the wind on our west and south west coasts blows strongly, but elsewhere it is light or moderate; it is SW^{ly} over the Channel and south of England, S^{ly} over the more central districts and at Valentia, and SE^{ly} in the north. The sky is clear at Aberdeen, and the thermometer there has fallen fast, and sharp frost prevails, but in all other places cloudy and comparatively mild weather is reported, and temperature has risen, readings ranging from 51° in the south west to 30° at York. Rain or thick mist prevails at several stations. On the Continent the sky is generally rather cloudy, and snow is falling over the Baltic. Temperature has fallen over the north east of France as well as over Sweden, and readings range from 50° at Lorient to -28° at Haparanda. Sea is rough in the west and south west.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

3RD FEBRUARY.

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	SE ^{ly} and E ^{ly} winds, moderate; dull, some rain.
2	SCOTLAND EAST	—
3	ENGLAND N.E.	SE ^{ly} winds, fresh; misty rain.
4	ENGLAND EAST	SE ^{ly} to SW ^{ly} winds, moderate to fresh; unsettled, rainy.
5	MIDLAND COUNTIES	SW ^{ly} winds, light, to SW ^{ly} winds, strong; rainy, then fair.
6	ENGLAND SOUTH	SW ^{ly} and S ^{ly} winds, fresh; dull, some rain, then fair.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	SE ^{ly} , strong winds; dull, rain.
7	ENGLAND N.W.	SE ^{ly} and S ^{ly} winds, strong; dull, rain.
8	ENGLAND S.W.	S ^{ly} and SW ^{ly} winds, strong to a gale; dull, rainy, then fair.
9	IRELAND NORTH	Strong winds and gales between SE and SW; dull, unsettled, rainy.
10	IRELAND SOUTH	—
WARNINGS		The South Cone was hoisted last evening in Districts 8 and 10.

METEOROLOGICAL OBSERVATIONS FOR 2ND FEBRUARY. 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 6).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).	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).	Force. (0 to 12).			Max.	Min.	
Haparanda	29.88	14	L	0	0	b	29.98	+ .23	25	28	— .24	N	2	0	b	*	9	31	—
Hernösand	29.92	3	L	0	0	b	29.98	+ .20	2	2	— .15	N	2	0	b	*	15	1	—
Stockholm	29.79	26	ENE	2	0	b	29.82	+ .16	19	18	— .10	NE	2	0	b	*	32	?	0.24
Wisby	29.70	34	SSW	2	0	b	29.71	+ .04	33	31	— .1	WSW	2	0	b	*	37	28	0.04
Bodo																			
Christiansund	29.80	20	E	6	0	b	29.84	+ .15	23	20	— .1	ENE	0	0	b	*	27	14	—
Skudesnaes	29.67	37	SW	4	7	r	29.68	+ .08	39	37	+ .3	WSW	5	0	b	*	3	36	0.46
Oxö (Xilansund)	29.71	32	SW	2	0	b	29.76	+ .18	32	32	+ .1	S	1	0	b	*	32	?	0.16
Skagen (The Skaw)	29.71	33	WSW	2	0	b	29.80	+ .22	33	32	+ .1	WSW	2	0	b	*	32	32	0.02
Fanö	29.86	33	WSW	2	0	b	29.91	+ .25	33	33	— .2	W	4	0	b	*	36	32	—
Cuxhaven	29.88	35	WSW	1	0	b	29.96	+ .21	32	32	— .1	WSW	1	0	b	*	?	32	—
Sumburgh Head	29.57	24	NE	5	7	r	29.49		35	32		NE	5	0	b	*	45	32	0.14
Stornoway																			
Wick	29.69	35	W	3	0	b	29.78	+ .23	37	35	+ .1	E	3	0	b	*	42	30	—
Nairn																			
Aberdeen	29.75	34	S	4	0	b	29.79	+ .16	23	23	— .7	WSW	1	0	b	*	43	22	—
Leith	29.79	39	SW	1	0	b	29.73	+ .05	36	35	— .0	SE	1	0	b	*	42	38	—
Shields	29.88	40	W	1	0	b	29.75	+ .05	37	36	+ .2	S	1	0	b	*	42	33	—
Spurn Head	29.87	37	SSW	2	0	b	29.78	+ .04	32	31	— .3	S	5	0	b	*	43	28	—
York	29.86	38	W	1	0	b	29.77	+ .03	36	30	— .3	S	1	0	b	*	45	29	0.01
Nottingham	29.90	33	S	1	0	b	29.74	— .05	33	33	+ .3	SE	1	0	b	*	39	30	0.09
Ardrossan	29.79	42	SE	1	0	b	29.65	— .04	36	35	— .0	ENE	2	0	b	*	42	34	—
Mullaghmore	29.75	39	SE	2	0	b	29.37	— .31	42	40	+ .3	ESE	7	0	b	*	47	35	0.10
Donaghadee	29.80	37	WSW	2	0	b	29.38	— .11	38	38	+ .5	SE	6	0	b	*	44	31	0.01
Parsonstown	29.79	38	SE	1	0	b	29.37	— .41	43	43	+ .13	SE	3	0	b	*	46	29	0.09
Barrow-in-Furness	29.83	36	ESE	2	0	b	29.64	— .07	37	36	+ .2	E	4	0	b	*	47	34	0.01
Holyhead	29.88	42	SW	2	0	b	29.80	— .24	40	40	+ .2	ESE	2	0	b	*	46	37	0.35
Liverpool (Bidston)	29.85	42	SW	4	0	b	29.61	— .44	36	35	— .1	ESE	4	0	b	*	46	31	0.10
Valentia	29.62	46	ESE	7	0	b	29.29	— .48	51	49	+ .13	S	16	0	b	*	32	37	0.51
Roche's Point	29.68	44	SSE	5	0	b	29.34	— .45	47	46	+ .12	SW	4	0	b	*	48	35	0.68
Pembroke	29.82	41	SE	3	0	b	29.48	— .27	46	46	+ .10	S	6	0	b	*	46	35	0.65
Scilly	29.83	49	S	5	0	b	29.86	— .26	51	50	+ .5	SW	7	0	b	*	53	45	0.52
Prawle Point	29.91	44	WSW	2	0	b	29.64	— .88	47	47	+ .7	SSW	4	0	b	*	51	39	0.25
Hurst Castle	29.95	37	WSW	1	0	b	29.70	— .10	43	43	+ .8	SW	4	0	b	*	44	35	0.26
Dover	29.93	38	SW	1	0	b	29.87	+ .10	40	39	+ .1	SW	4	0	b	*	40	37	0.02
London	29.94	34	SW	1	0	b	29.78	— .01	41	40	+ .8	SSE	2	0	b	*	41	33	0.02
Oxford	29.93	37	WSW	1	0	b	29.71	— .09	41	40	+ .5	S	3	0	b	*	41	35	0.08
Cambridge	30.03	36	SW	1	0	b	29.90	— .00	38	38	+ .7	S	1	0	b	*	40	29	—
Yarmouth	29.90	32	W	1	0	b	29.87	+ .06	35	35	+ .4	S	1	0	b	*	42	27	0.02
The Helder	29.91	33	SW	1	0	b	29.94	+ .20	30	33	— .1	SSW	1	0	b	*	36	?	—
Cape Gris Nez	29.90	35	SW	1	0	b	29.86	+ .10	40	37	+ .1	S	4	0	b	*	40	34	—
Jersey	29.99	44	E	1	0	b	29.88	— .03	45	45	+ .1	SSW	4	0	b	*	49	41	0.36
Brest	29.98	47	SSW	4	0	b	29.78	— .04	49	48	+ .7	WSW	4	0	b	*	50	41	0.35
Lorient	29.96	45	S	3	0	b	29.80	+ .01	50	49	+ .9	SW	7	0	b	*	50	39	0.36
Rochefort	30.06	44	W	4	0	b	29.94	+ .10	45	43	+ .2	S	7	0	b	*	52	36	0.08
Biarritz	30.10	52	WSW	5	0	b	29.98	+ .10	55	49	+ .1	S	4	0	b	*	57	45	—
Corunna																			
Brussels							29.98	+ .20	36	34	+ .3	S	1	0	b	*	46	33	—
Charleville	29.93	40	E	4	0	b	30.01	+ .31	26	24	— .10	ESE	1	0	b	*	45	36	—
Paris	29.97	44	NE	3	0	b	30.00	+ .28	36	34	— .5	NE	3	0	b	*			—
Lyons	29.88	46	WSW	5	0	b	30.05	+ .36	39	37	— .3	N	1	0	b	*	48	?	0.08
Toulon	29.92	49	W	7	0	b	29.95	+ .16	45	40	— .1	WSW	3	0	b	*	2	43	—

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

Hawes Junction	28.58	35	W	3	0	b	28.46	— .00	32	32	— .2	E	4	0	b	*	36	31	—
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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 ...	29.63	38	37	S	5	of	Valentia ...	29.74	47	44	SE	4	0	4
Sumburgh Head	29.81	41	40	NE	3	0	Scilly ...	29.87	50	47	SSW	3	0	4
Stornoway ...							Dover ..	29.85	41	40	W	1	of	0
Aberdeen ...	29.72	38	36	WSW	1	b	London ...	29.89	38	38	WSW	1	aggf	*
Shields ...	29.79	42	40	W	1	b	Yarmouth ...	29.83	42	41	WSW	2	bmv	2
Ardrossan ...	29.80	42	41	SW	1	0	Jersey ...	29.97	47	46	S	2	b	2
Mullaghmore ...	29.76	46	41	SW	3	b	Rochefort ...	29.94	45	45	NW	7	0	2
Holyhead ...	29.83	45	44	SW	3	b								

Weather is fine except over our southern and central districts, where much cloud and fog prevails. The barometer is falling at Valentia and the wind there has backed to SE, but elsewhere the mercury still rises and the wind is SW.

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 Chron.



DAILY WEATHER REPORT

F O R

THURSDAY, 3RD FEBRUARY.

1881.

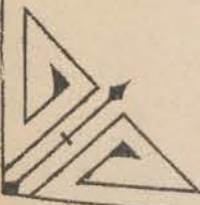
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ROBERT H. SCOTT
(SECRETARY.)



Printed by D. B. D. L. 22, Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Thursday 3rd February 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 barbs and feathers refer to force, thus:
 → forces above 10; →→ forces 8 to 10
 →→ forces 5 to 7; →→ forces 1 to 4;
 ○ = dead calm.

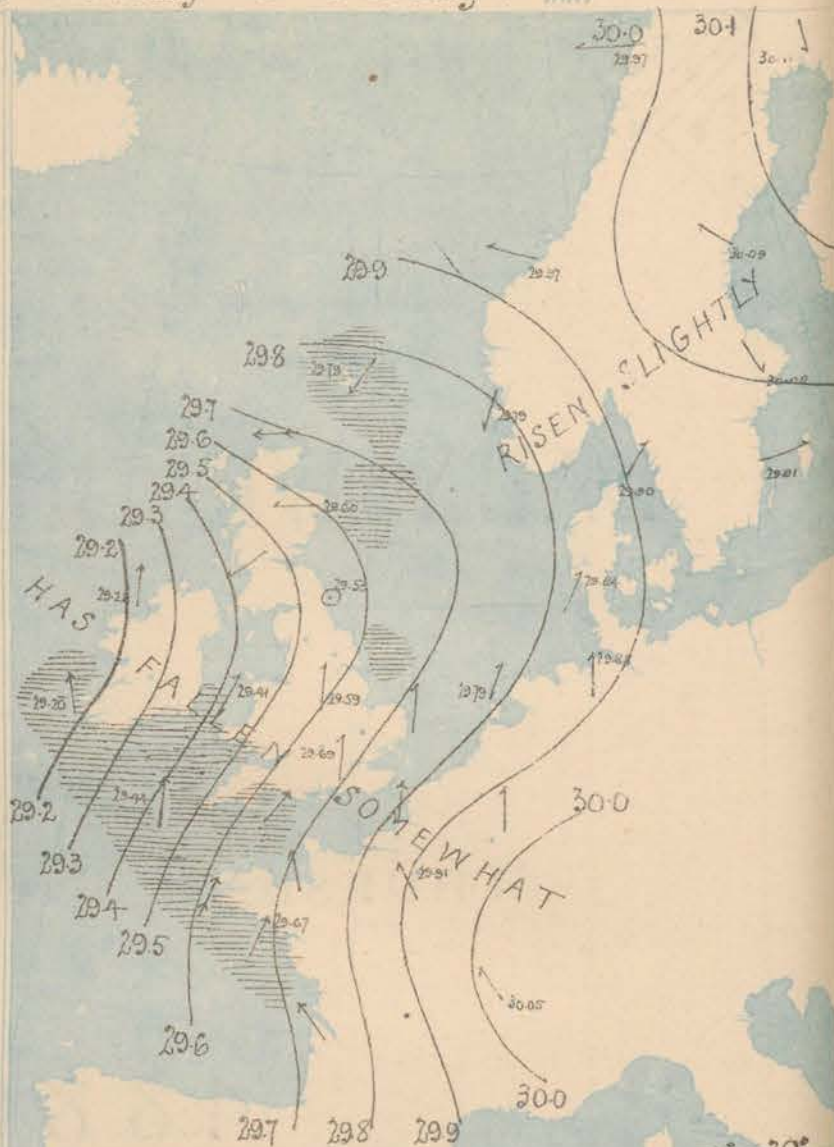
Sea Disturbance; where considerable is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of February.

Stations.	Mean Readings.
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valentia	29.903
Roche's Pt.	29.912
Plymouth	29.893
LONDON	29.983
Yarmouth	29.974

* 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.

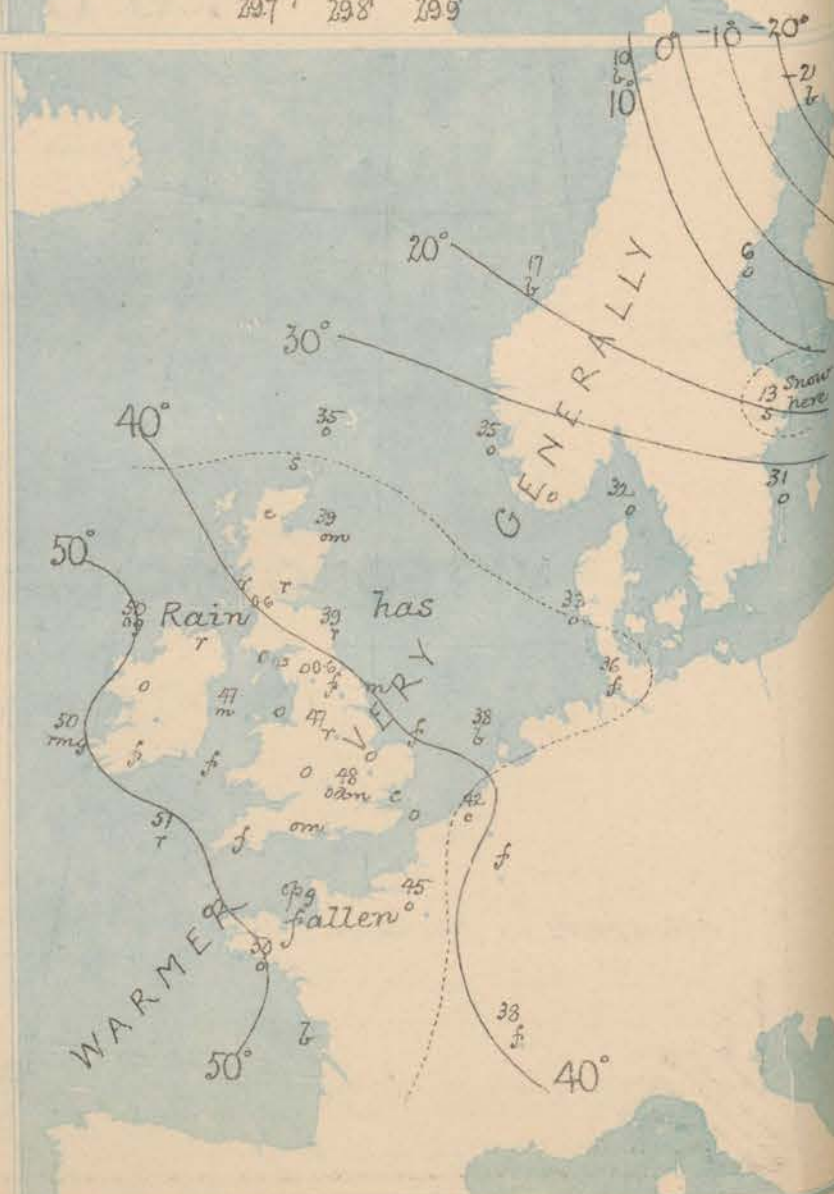
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of February.

Stations	Temp.	Rain-fall
	°	ins.
Sandwich Head	38.5	2.90
Stornoway	39.4	4.31
Aberdeen	39.1	2.20
Shetlands	39.3	1.61
York	39.7	1.75
Millaghmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.08
Valentia	43.9	4.31
Scilly (St Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Kornwall	39.5	2.05

* 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, 3rd FEB^y 1881, at 8 a.m.

A further decrease of pressure has taken place over these Islands and France, but over Scandinavia the barometer still has an upward tendency - Areas of high readings are still reported from Lapland and the east of France, while the large depression noticed yesterday still hangs off the west of Ireland, and a second seems to be advancing over the Bay of Biscay. The wind is backing to SE both at Valentia and Rockport, and E^{ly} winds are reported from Scotland but elsewhere S^{ly} breezes still held. On our west and south west coasts as well as over the Bay of Biscay the wind blows strongly, and at Wick reaches the force of a gale, but in the east and south east it is light or moderate - Dull, damp weather prevails over nearly the whole of Western Europe, fog is reported from several places and rain in the west. Rain has fallen in all parts of the country - Temperatures has risen, and the weather is mild except in the north, readings ranging from 51° at Lilly to 35° at Neirns. Sea is rough in the west, north and south.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon

on the

4th FEBRUARY.

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

E^{ly} winds, strong and moderate; cloudy. Some rain or sleet.

6 SCOTLAND WEST

Same as no 2.

2 SCOTLAND EAST

S^{ly} winds, moderate; dull, misty rain.

7 ENGLAND N.W.

S^{ly} winds, fresh; dull and rainy.

3 ENGLAND N.E.

S^{ly} winds, moderate; dull, misty rain.

8 ENGLAND S.W.

S^{ly} and S^W winds and gales; dull, showery.

4 ENGLAND EAST

S^{ly} winds, moderate but freshening; dull, gloomy and rainy.

9 IRELAND NORTH

Same as no 7.

5 MIDLAND COUNTIES

S^{ly} winds, moderate; dull, misty rain.

10 IRELAND SOUTH

Same as no 8.

6 ENGLAND SOUTH

S^{ly} winds, moderate; dull, misty rain.

WARNINGS

The South Cone is still flying in Districts 8 and 10.

METEOROLOGICAL OBSERVATIONS FOR 3rd FEBRUARY 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 ...	30.05	70	N	2	b	29.11	+ 13	21	21	+ 7	N	4	b	*	18	28	—		
Hernösand ...	30.10	7	N	2	o	30.09	+ 18	6	5	+ 4	SE	2	o	*	10	—8	—		
Stockholm ...	29.94	12	NNW	2	b	30.00	+ 18	13	13	— 6	NNW	2	s	*	27	10	0.02		
Wisby ...	29.88	28	N	2	o	29.91	+ 20	28	30	— 4	WSW	2	o	*	34	23	—		
Bodö ...	29.96	14	E	2	b	29.97	+ 10	6	9	—	E	2	b	1	18	10	—		
Christiansund ...	29.88	18	ESE	2	b	29.97	+ 13	17	17	— 6	ESE	2	b	2	23	7	—		
†Skudesnaes ...	29.79	35	NE	4	o	29.79	+ 14	35	34	— 4	NNE	2	o	3	3	?	—		
Oxö (Xiansund) ...	29.80	35	SW	2	o	29.82	+ 16	30	30	— 2	NE	4	o	2	36	30	—		
Skagen (The Skaw) ...	29.88	34	WSW	3	o	29.90	+ 10	32	31	— 1	SW	3	o	1	34	30	—		
Fanö ...	29.94	30	S	4	b	29.84	— 07	33	32	+ 0	SSW	4	o	*	?	30	—		
Öxshaven ...	29.88	33	SW	1	b	29.88	— 07	36	36	+ 4	S	1	f	*	?	30	0.06		
†Sumburgh Head ...	29.84	25	W	4	o	29.79	— 05	35	31	— 0	NE	5	o	6	36	32	—		
†Stornoway ...																			
Wick ...	29.77	24	ESE	6	o	29.70	— 08	36	36	— 1	E	8	s	6	38	33	—		
Nairn ...	29.67	25	E	2	r	29.57	— 10	35	34	—	E	5	e	3	37	32	0.12		
†Aberdeen ...	29.72	39	E	3	o	29.60	— 12	39	39	+ 16	E	3	om	5	40	22	0.16		
Leith ...	29.61	37	SSE	1	o	29.51	— 10	38	37	+ 2	NE	1	r	*	39	34	0.38		
†Shields ...	29.62	40	SE	5	r	29.53	— 09	39	39	+ 2	SE	0	r	3	40	34	0.13		
Spurn Head ...	29.62	37	SSE	4	r	29.60	— 18	40	40	+ 8	S	4	m	5	41	32	0.12		
York ...	29.62	38	SSE	1	r	29.57	— 20	42	42	+ 12	SSE	1	f	*	42	30	0.24		
Nottingham ...	29.66	45	SSE	2	r	29.59	— 15	47	47	+ 14	S	2	r	*	47	33	0.29		
†Ardrossan ...	29.52	39	E	2	r	29.42	— 10	39	39	+ 3	ENE	3	r	2	40	35	0.55		
†Mullaghmore ...	29.30	48	S	5	o	29.21	— 16	50	49	+ 8	S	6	og	5	50	40	0.06		
Donaghadee ...	29.42	44	SSE	5	o	29.30	— 12	47	47	+ 9	SSE	5	t	3	47	38	0.24		
Parsonstown ...	29.40	47	SSW	2	b	29.29	— 11	49	48	+ 6	SSE	1	o	*	41	42	0.11		
Barrow-in-Furness ...	29.55	40	ESE	4	r	29.49	— 06	43	42	+ 6	ESE	5	o	4	43	35	0.46		
†Holyhead ...	29.49	46	SSW	2	m	29.41	— 08	47	47	+ 7	SSW	4	m	3	47	39	0.14		
Liverpool (Bidston) ...	29.55	45	SSW	2	b	29.49	— 06	46	46	+ 10	SE	3	o	2	47	37	0.32		
†Valentia ...	29.38	52	S	7	cm	29.20	— 18	50	49	— 1	SSE	6	rmg	5	53	48	0.28		
Roche's Point ...	29.44	47	SW	5	r	29.31	— 13	47	47	— 0	S	4	f	5	50	46	0.32		
Pembroke ...	29.50	47	SW	5	o	29.44	— 06	47	47	+ 1	S	4	f	4	48	46	0.24		
†Scilly ...	29.61	57	SW	6	om	29.44	— 17	51	51	— 0	S	6	r	6	51	50	0.22		
Prawle Point ...	29.70	48	SW	4	o	29.58	— 12	48	48	+ 1	S	4	f	5	50	46	0.14		
Hurst Castle ...	29.74	45	W	5	e	29.47	— 27	47	47	+ 4	SW	5	om	4	49	43	0.11		
†Dover ...	29.79	44	SSW	5	cm	29.44	— 35	45	44	+ 5	SW	4	c	3	45	40	0.04		
†London ...	29.74	47	SSW	5	o	29.69	— 05	48	48	+ 7	S	2	omd	*	49	40	0.07		
Oxford ...	29.70	47	SE	4	r	29.62	— 08	48	47	+ 7	SSE	3	o	*	50	41	0.21		
Cambridge ...	29.70	45	SW	1	o	29.66	— 14	47	47	+ 9	SW	1	o	*	49	36	0.10		
†Yarmouth ...	29.71	40	S	2	m	29.42	— 29	40	40	+ 5	S	3	f	3	44	34	0.23		
The Helder ...	29.54	36	SSE	1	r	29.29	— 25	38	38	+ 5	SSW	2	f	e	39	32	0.20		
Cape Gris Nez ...	29.82	44	S	5	o	29.78	— 04	45	45	+ 5	S	5	o	3	45	39	0.08		
†Jersey ...	29.83	49	S	3	cm	29.73	— 10	48	48	+ 3	SSE	4	cp	4	52	44	0.06		
Brest ...	29.82	49	SW	5	r	29.62	— 20	50	49	+ 1	SSW	1	o	6	52	?	0.28		
Lorient ...	29.85	49	SW	4	m	29.67	— 18	50	49	— 0	SSW	7	o	5	52	46	0.04		
†Roche fort ...	29.97	48	SW	4	o	29.74	— 23	46	46	+ 1	SE	5	b	2	54	37	—		
Biarritz ...																			
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	29.88	— 10	47	41	+ 6	S	5	o	*	42	?	—		
Charleville ...	29.98	30	S	1	o	29.95	— 03	39	37	+ 13	S	1	f	*	39	?	—		
Paris ...	29.96	42	?	3	o	29.91	— 05	45	44	+ 9	SE	3	o	*	*	*	0.04		
Lyons ...	30.00	42	E	1	b	30.05	+ 05	38	36	— 1	SE	1	f	*	45	36	—		
Toulon ...																			

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

Hawes Junction	29.34	38	ENE	4	r	28.29	— 17	43	42	+ 11	S	4	o	*	48	29	0.63
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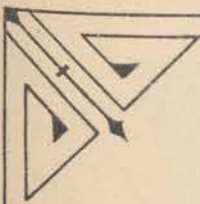
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	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.75	40	38	W	4	o	5	Valentia ...	29.33	52	50	SSW	8	omf	7
Sumburgh Head ...	29.84	35	32	NE	4	o	4	Scilly ...	29.63	54	53	SSW	6	o	6
Stornoway ...								Dover ...	29.77	42	41	SW	5	ogf	4
Aberdeen ...	29.74	38	37	ESE	1	c	1	London ...	29.70	48	47	S	2	omf	*
Shields ...	29.67	38	37	SE	2	r	3	Yarmouth ...	29.74	37	37	SSE	4	rg	4
Ardrossan ...	29.55	39	39	E	2	r	1	Jersey ...	29.80	50	48	SW	3	c	3
Mullaghmore ...	29.34	42	41	ESE	?	ogm	5	Roche fort ...	29.97	60	49	S	5	o	2
Holyhead ...	29.45	47	46	SSE	3	d	2								

Pressure is decreasing except in the south-west, and a large depression is shown off our W. coast. The wind has increased to a gale at Valentia, elsewhere there is little change, and the weather remains cloudy & rainy.

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.
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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.
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DAILY WEATHER REPORT

F O R

FRIDAY, 4th FEBRUARY.

1881.


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ROBERT H. SCOTT

(SECRETARY.)



Printed by W. D. Balfour, 22, Bedford St., London.

WEATHER CHARTS

for 8 a.m. on Friday 4th FEBRUARY 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.

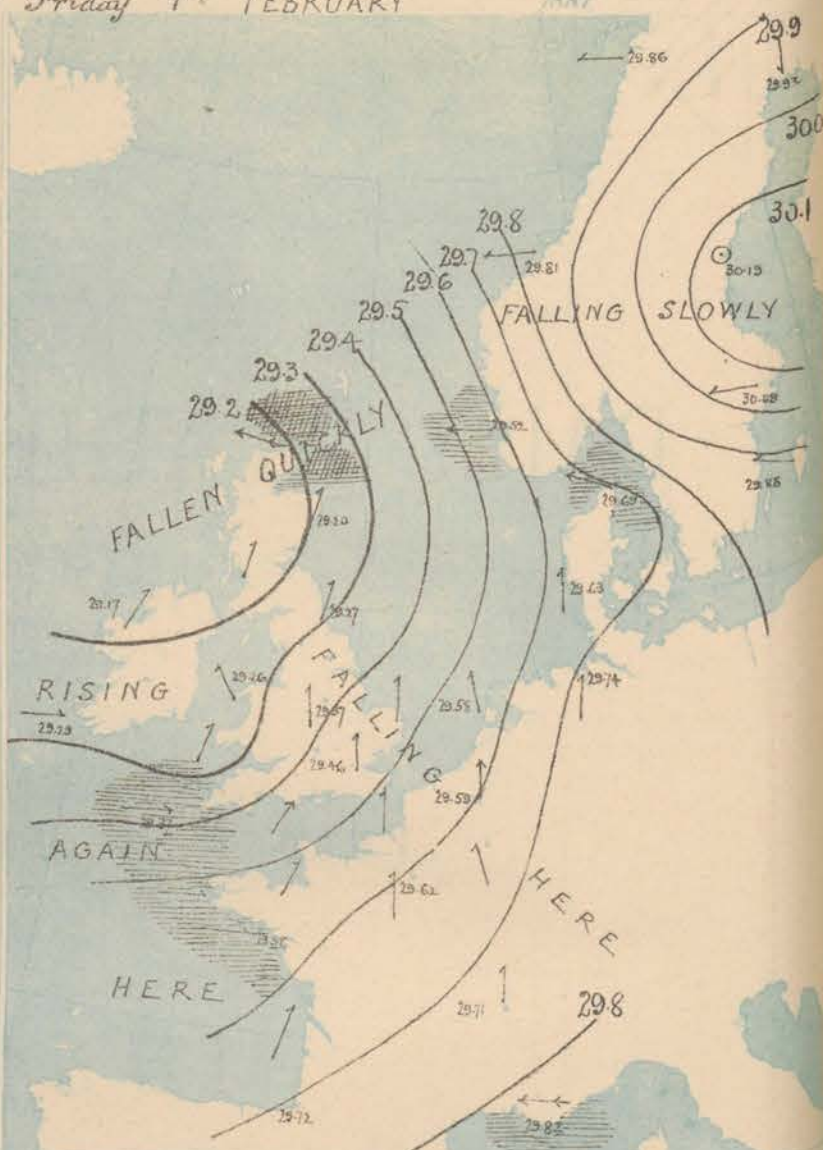
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of February

Stations	Mean Readings
Nairn	29.724
Aberdeen	29.799
Leith	29.847
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valencia	29.903
Roche's Pt.	29.922
Plymouth	29.893
LONDON	29.963
Wormouth	29.974

* 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.

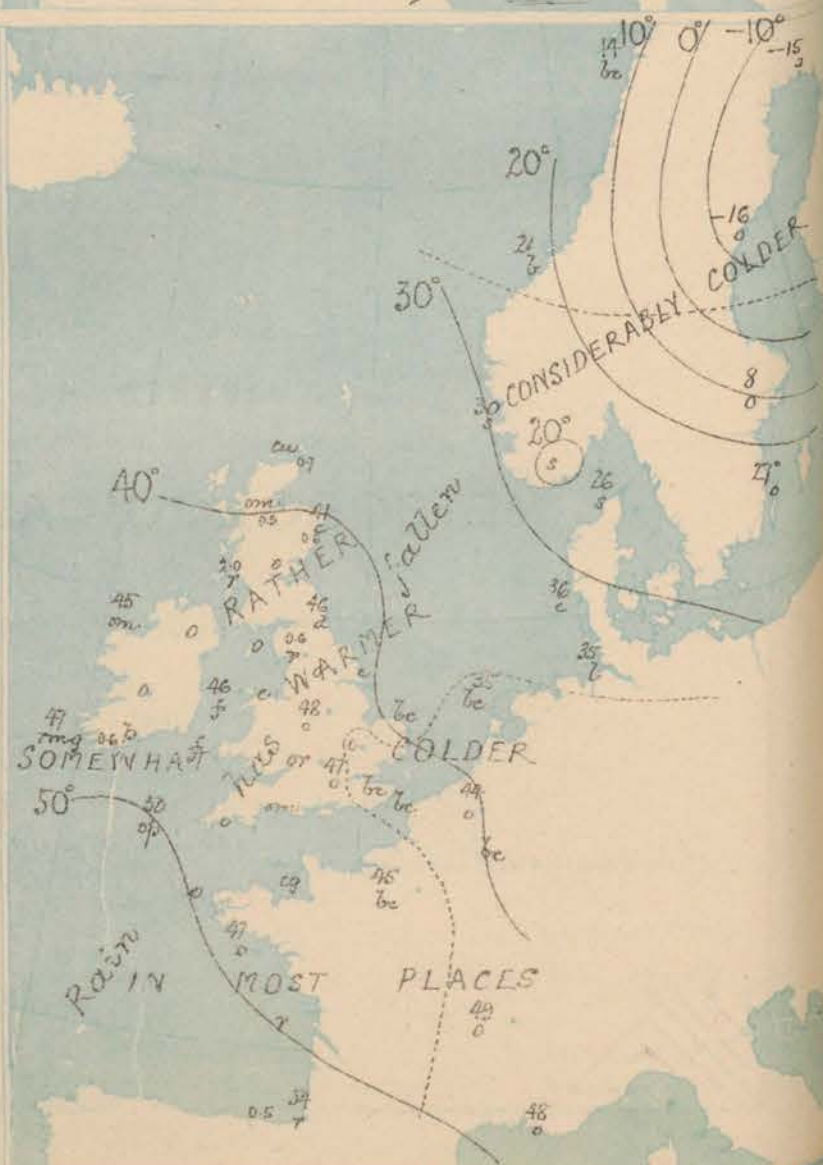
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of February

Stations	Temp	Rain-fall
Sunderburgh Head	38.5	2.30
Sarnoway	39.4	4.31
Aberdeen	39.1	2.20
Blackhead	39.8	1.61
York	39.7	1.75
Malborough	41.7	—
Holyhead	42.5	2.37
Paranstown	42.0	1.98
Valencia	43.9	4.31
Sally (St. Mary's)	45.8	2.88
Burgh Castle	41.9	—
Dever	41.0	1.76
LONDON	41.2	1.58
Wormouth	39.6	2.05

* 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 FEB^Y 1881, at 8 a.m.

A slight recovery of pressure has commenced in the west of France and our west and south west coasts, where also the wind has veered to the Wnd, but in all other parts of these Islands, the east of France and the eastern shores of the North Sea the mercury still falls, and Sth winds drawing into E in north Scotland are reported. The wind is generally moderate or light in force, but at Lully and in parts of Norway it blows strongly, and at Wick a hard gale is reported. The weather is fine on the south east coast of England, in the north-east of France and over north Germany as well as in the north west of Norway, but is cloudy, dull and unsettled generally with rain at several stations, and snow over the Skager Rack. Rain has fallen everywhere, the amounts over Scotland and south Ireland being very large. Temperature has risen a little in the north east, fallen elsewhere; readings range from 47° at Valentia to 36° at Cairn; over France from 54° at Biarritz to 40° at Charleville; over Scandinavia from 30° at Shideness to -16° at Hørnessand. Sea is rough in the Channel, and very rough in north Scotland.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
5TH FEBRUARY.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	E th gales; dull, squally, some sleet.
2 SCOTLAND EAST	S th breezes, moderate; dull, mild, some rain.
3 ENGLAND N.E.	----- 27° ----- 31° ----- 35° -----
4 ENGLAND EAST	S th and S th winds, moderate; dull, then fair.
5 MIDLAND COUNTIES	S th to W th winds, moderate; dull and showery, then fine and colder.
6 ENGLAND SOUTH	----- 31° ----- 35° ----- 39° -----

DISTRICTS

FORECASTS

6 SCOTLAND WEST	S th breezes, moderate; dull, rainy.
7 ENGLAND N.W.	SE th and S th breezes, light; gloomy, showery.
8 ENGLAND S.W.	W th to S th winds, moderate and fresh; cloudy, showery.
9 IRELAND NORTH	Moderate breezes W, backing to S; fair to dull and rainy.
10 IRELAND SOUTH	----- 31° ----- 35° ----- 39° -----
WARNINGS	The South Lane was hoisted last evening in Districts 9 and part of 1.

METEOROLOGICAL OBSERVATIONS FOR 4TH FEBRUARY 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.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).		Max.	Min.		
Haparanda ...	30.12	-16	N	2	o	29.93	-18	-15	-15	+6	N	2	o	*	-15	-22	-
Hernösand ...	30.16	-12	Z	o	o	30.19	+10	-10	-10	-22	Z	o	o	*	7	?	-
Stockholm ...	30.11	7	N	4	o	30.09	+09	8	8	-5	E	4	o	*	18	5	0.04
Wisby ...	29.91	29	E	2	s	29.88	-03	27	26	-4	ESE	4	o	*	36	28	0.04
Bodö ...	29.94	9	E	4	o	29.86	-11	14	13	+4	E	2	bc	1	?	9	-
Christiansund ...	29.99	23	SSE	2	o	29.81	-16	21	20	+4	E	4	b	3	23	7	-
†Skudesnaes ...	29.76	35	ESE	4	r	29.52	-24	30	30	-5	E	6	s	5	37	?	-
Oxö (Xtiansund) ...	29.88	21	NNE	6	s	29.74	-11	8	17	-12	NNE	8	s	4	30	16	0.12
Skagen (The Skaw)	29.91	24	ESE	4	s	29.69	-21	26	26	-6	ESE	6	s	5	32	21	0.35
Fanö ...	29.76	36	S	4	r	29.63	-24	36	35	+3	S	4	c	*	36	32	0.20
Cuxhaven ...	29.87	40	SH	1	f	29.74	-14	35	35	-1	S	1	o	*	?	32	0.03
†Sumburgh Head																	
†Stornoway																	
Wick ...	29.50	39	ESE	8	r	29.17	-53	38	38	+2	ESE	9	ow	7	40	38	0.65
Nairn ...	29.37	35	E	3	r	29.13	-44	34	34	-1	E	1	ow	5	37	34	0.87
†Aberdeen ...	29.40	40	E	3	r	29.20	-40	41	40	+2	SSH	1	c	3	42	38	0.57
Leith ...	29.34	39	NE	1	o	29.19	-32	44	43	+6	SH	1	o	*	48	35	0.37
†Shields ...	29.40	44	SSH	2	o	29.27	-36	46	45	+4	SSH	3	d	2	48	39	0.03
Spurn Head	29.47	41	S	5	r	29.28	-22	44	40	+1	S	4	c	4	45	39	0.04
York ...	29.44	42	S	1	r	29.34	-23	45	45	+3	S	1	o	*	49	41	0.15
Nottingham ...	29.47	49	S	3	o	29.37	-22	48	47	+1	S	3	o	*	51	46	0.13
†Ardrossan ...	29.27	40	NE	2	r	29.19	-23	45	45	+6	SSH	1	r	1	45	35	1.95
†Mullaghmore ...	29.16	48	ESE	1	r	29.17	-04	45	44	-5	SSH	1	ow	2	51	42	0.35
Donaghadee ...	29.46	46	SSE	4	r	29.20	-16	44	44	-3	WSH	4	o	2	48	43	0.41
Parsonstown ...	29.18	48	SSE	1	r	29.24	-05	43	43	-6	S	1	o	*	51	42	0.44
Barrow-in-Furness	29.33	45	SE	5	r	29.30	-19	43	43	0	SE	4	o	+	47	40	0.22
†Holyhead ...	29.27	48	SSE	2	r	29.26	-15	46	46	-1	SSE	2	f	1	54	46	0.37
Liverpool (Bdston)	29.34	50	SE	4	o	29.30	-19	46	45	0	SE	1	c	1	51	46	0.03
†Valentia ...	29.15	48	SSE	4	ow	29.29	+19	47	?	-3	W	3	pm	4	52	45	?
Roche's Point ...	29.20	47	S	4	r	29.25	-06	44	45	-1	W	4	p	4	50	45	0.56
Pembroke ...	29.23	47	SSE	4	o	29.26	-18	45	45	-2	SSH	3	f	4	47	45	0.29
†Scilly ...	29.27	51	SH	7	ow	29.37	-07	49	49	-1	W	6	op	5	52	47	0.20
Prawle Point	29.41	47	SSE	5	r	29.42	-16	46	46	-2	SSH	4	o	+	50	45	0.15
Hurst Castle ...	29.30	48	S	5	c	29.44	-23	48	47	+1	SH	5	ow	4	49	45	0.18
†Dover ...	29.62	46	S	4	bc	29.50	-24	44	43	-1	SH	3	bc	3	47	43	-
†London ...	29.58	50	S	3	c	29.46	-23	47	46	-1	S	3	o	*	53	47	0.01
Oxford ...	29.48	49	SH	4	o	29.44	-21	47	46	-1	SSE	2	or	*	52	46	0.14
Cambridge ...	29.54	49	SH	1	o	29.44	-22	45	44	-2	S	1	o	*	52	43	-
†Yarmouth ...	29.65	42	S	3	f	29.47	-25	49	38	-1	S	2	bc	3	44	38	0.01
The Helder ...	29.72	42	f	1	o	29.58	-21	45	45	-3	SSE	1	bc	1	?	?	-
Cape Gris Nez	29.65	44	WNW	4	bc	29.50	-28	46	44	+2	S	5	bc	3	54	45	-
†Jersey ...	29.53	51	SSE	3	ow	29.58	-20	47	47	-1	SH	4	c	4	51	45	0.06
Brest ...	29.42	49	SSH	5	r	29.55	-07	49	48	-1	W	4	o	5	50	46	0.35
Lorient ...	29.46	49	S	7	m	29.56	-11	47	46	-3	W	4	o	5	50	45	0.16
†Rocheport ...	29.62	52	SSE	7	o	29.44	-10	47	46	+1	SSH	4	r	2	57	41	-
Biarritz ...	29.63	63	S	5	o	29.72	-10	54	50	-3	WNW	8	r	4	64	45	0.47
Corunna ...	*	*	*	*	*			*	*						*	*	*
Brussels ...	*	*	*	*	*	29.59	-29	44	40	+2	S	6	o	*	50	42	-
Charleville ...	29.81	43	SSE	4	o	29.65	-16	40	37	+1	SSE	4	bc	4	50	37	-
Paris ...	29.44	50	S	3	o	29.62	-29	45	43	0	S	3	bc	*	*	*	0.04
Lyons ...	29.83	51	S	5	o	29.71	-34	49	43	+11	S	1	o	*	52	45	-
Toulon ...	30.01	49	SE	4	bc	29.82	-27	48	44	+3	E	8	o	5	50	45	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.10	46	S	4	r	28.06	-23	44	44	+1	S	4	or	*	46	42	0.55

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

Hawes Junction	28.10	46	S	4	r	28.06	-23	44	44	+1	S	4	or	*	46	42	0.55
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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 ...	29.79	37	35	E	2	o	2	Valentia ...	29.15	50	49	SE	4	rmg	5
Sumburgh Head	29.70	35	31	ENE	6	o	6	Scilly ...	29.29	52	52	S	6	r	6
Stornoway ...								Dover ...	29.70	45	45	SSH	3	c	3
Aberdeen ...	29.49	41	40	E	3	r	5	London ...	29.61	53	51	SSE	3	o	*
Shields ...	29.45	45	44	SSH	1	o	3	Yarmouth ...	29.66	40	40	S	3	f	3
Ardrossan ...	29.34	41	41	NE	2	r	1	Jersey ...	29.60	48	47	SE	3	c	3
Mullaghmore ...	29.19	50	48	SSE	4	ogmt	3	Rocheport ...	29.75	54	50	SSE	7	c	2
Holyhead ...	29.34	49	49	SSE	3	d	2								

Pressure still decreases and S⁺ to SE⁺ winds prevail on all our coasts, with dull damp weather and rain in some places.

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. (Christians 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 FEBRUARY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

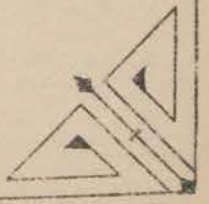
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ROBERT H. SCOTT

(SECRETARY.)



Printed by L. Harrison, 22, Bedford St. (opposite the Theatre).

WEATHER CHARTS

for 8 a.m. on Saturday 5th February 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.

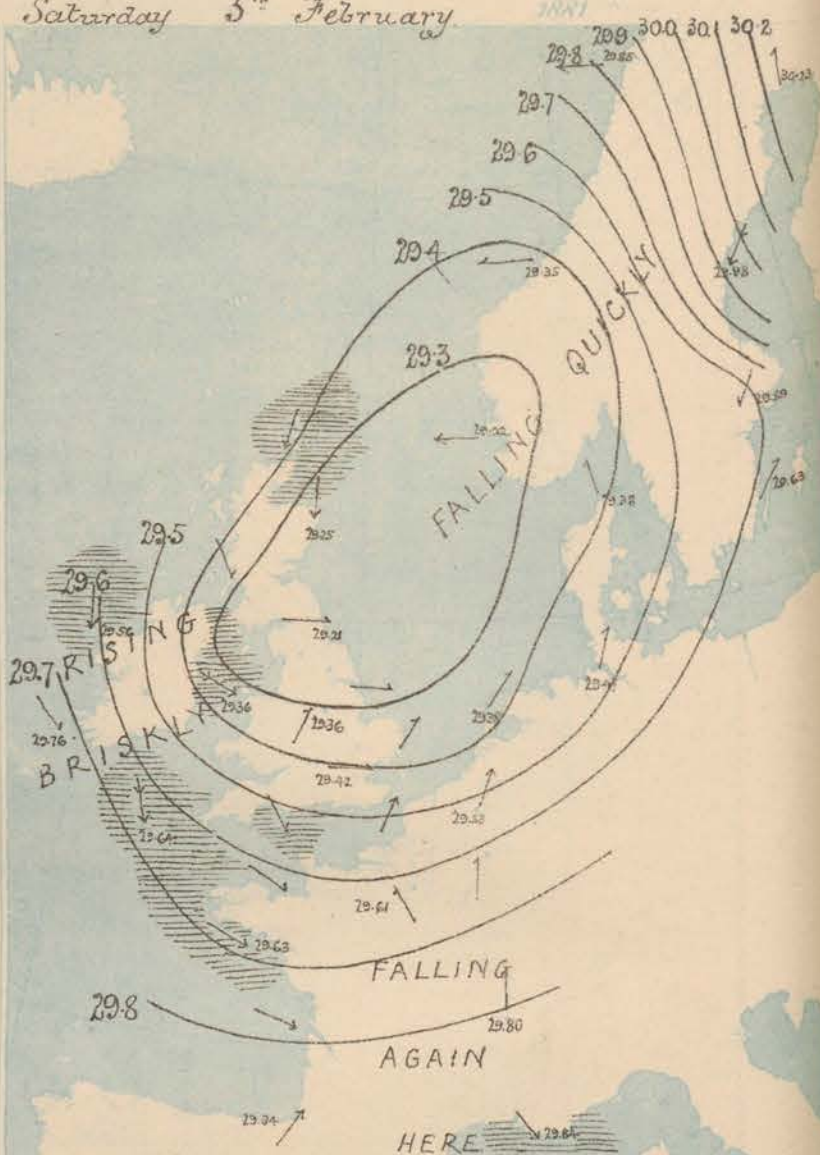
Wind. Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus:
→ force above 10; → force 8 to 10;
→ force 5 to 7; → force 1 to 4;
⊙ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of February.

Stations	Mean Readings
Nairn	29.774
Aberdeen	29.709
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valentia	29.903
Roche's Pt.	29.922
Plymouth	29.953
LONDON	29.983
Wormouth	29.974

* 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

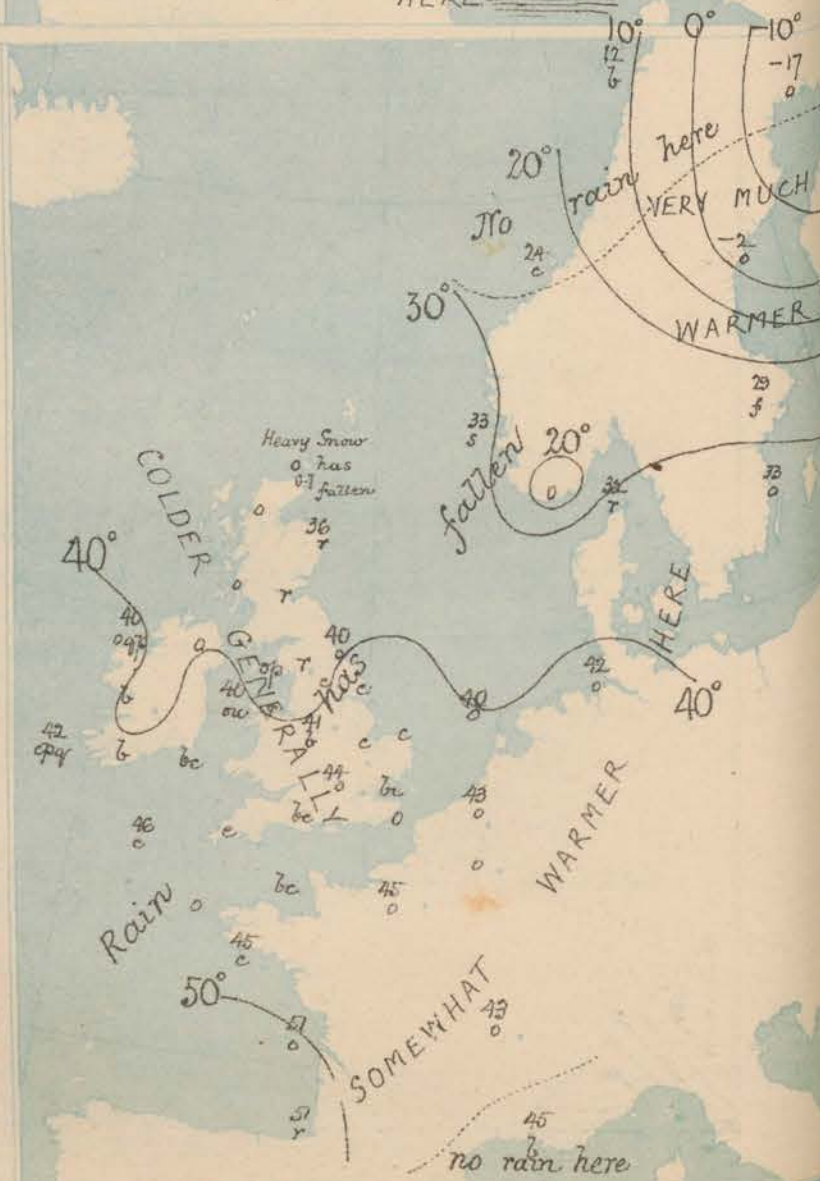
Explanation of Map.

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 February.

Stations	Temp.	Rain-fall
Sandwich Head	38.5	2.40
Stornoway	38.9	4.31
Aberdeen	39.1	2.20
Shields	39.3	1.61
York	39.7	1.75
Mullingham	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valentia	43.9	4.31
Sally (St. Mary's)	45.8	2.68
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Wormouth	39.5	2.05

* 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 SATURDAY, 5TH FEB^Y 1881, at 8 a.m.

The depression noticed over Scotland yesterday has since passed slowly End and SEnd and now lies over the north of England and the North Sea, while areas of high pressure are reported from Lapland and from the south of France. The barometer is rising rather briskly over the greater part of these Islands but is decreasing in the south east of England and on the Continent generally. The wind circulates round the area of low pressure, blowing from N over Scotland and north Ireland, from NW in the south of that country and south west of England, from W at our south eastern stations, and from SW and S over north Germany, and from E in Norway. It blows rather strongly at the northern, western and south western stations, but is light or moderate in most other places; at Seilly and Holyhead it reaches the force of a gale. The weather varies a good deal; it is fine in the south of Ireland and over Central England, but is cloudy and showery elsewhere. Rain has fallen in all places, and heavy snow at Wick. Temperature has fallen, and ranges from 49° at Prude Point to 34° at Wick. In Scandinavia temperature has risen, but severe frost still prevails, readings ranging from 33° at Wisby to -17° at Haparanda. Sea is rough in the Channel and off the north east of Scotland.

FORECASTS

for the 24 hours ending at Noon
on the
6TH FEBRUARY.

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

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

1	SCOTLAND NORTH	N ^h winds, moderate and fresh; cloudy and a good deal colder.
2	SCOTLAND EAST	— 5° — 5° — 5° —
3	ENGLAND NE	NW ^h breezes, moderate and fresh; fair on the whole and colder.
4	ENGLAND EAST	— 5° — 5° — 5° —
5	MIDLAND COUNTIES	— 5° — 5° — 5° —
6	ENGLAND SOUTH	NW ^h and W ^h breezes, moderate; some showers, then fine. Slight frost at night.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	N ^h and NW ^h breezes, moderate; cloudy, some showers.
7	ENGLAND N.W.	NW ^h and N ^h breezes, fresh; cloudy, showery, colder.
8	ENGLAND S.W.	NW ^h winds, fresh; cloudy, some showers.
9	IRELAND NORTH	N ^h to NW ^h winds, fresh; cloudy, showery, rather cold.
10	IRELAND SOUTH	— 5° — 5° — 5° —
	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 5TH FEBRUARY 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	30.20	-18	S	2	0	30.23	+ .30	-17	-17	-	2	S	2	0	*	-15	-20	-				
Hernösand	30.13	-6	Z	0	0	29.98	- .21	-2	-3	+ .14	NE	8	0	*	?	-22	0.08					
Stockholm	29.77	21	E	8	3	29.59	- .50	29	28	+ .21	NE	2	f	*	?	5	0.12					
Wisby	29.71	34	SSW	4	0	29.63	- .25	33	32	+ .4	SW	4	0	*	34	19	0.32					
Bodö	29.93	19	E	2	6	29.85	- .01	12	11	- .2	E	6	6	2	14	-26	-					
Christiansund	29.52	22	E	4	0	29.35	- .46	24	23	+ .3	E	4	c	3	?	12	-					
†Skudesnaes	29.34	34	E	2	7	29.22	- .30	33	33	+ .3	E	6	s	4	34	20	-					
Oxö (Christiansund)	29.59	18	NNE	6	0	29.27	- .34	19	18	+ .1	NNE	6	0	4	?	16	0.20					
Skagen (The Skaw)	29.56	32	Z	0	f	29.38	- .31	32	32	+ .6	SSE	3	r	0	32	?	0.22					
Fanö	29.49	36	S	4	0	29.36	- .27	36	36	0	SSW	6	c	*	39	34	0.16					
Cuxhaven	29.63	40	S	1	0	29.47	- .27	42	42	+ .7	SSW	2	0	*	43	32	0.09					
†Sumburgh Head																						
†Stornoway																						
Wick	29.12	41	Z	0	f	29.40	+ .23	34	34	- .4	NNE	6	0	5	42	32	0.66					
Nairn	29.13	36	NE	5	0	29.37	+ .24	36	35	+ .2	NE	7	0	6	38	35	0.15					
†Aberdeen	29.26	42	SSW	2	c	29.25	+ .05	36	35	- .5	N	5	r	3	44	35	0.04					
Leith	29.19	47	SW	1	0	29.25	+ .06	38	37	- .6	ENE	1	r	*	50	37	0.04					
†Shields	29.22	47	Z	0	cm	29.21	- .06	40	38	- .6	W	1	0	2	50	38	0.03					
Spurn Head	29.30	42	S	4	e	29.25	- .13	40	38	- .1	W	4	c	3	46	38	0.02					
York	29.27	48	S	1	r	29.27	- .07	39	37	- .6	WSW	1	0	*	50	38	0.06					
Nottingham	29.32	47	SSW	3	0	29.26	- .01	41	40	- .7	SW	2	b	*	52	36	0.03					
†Ardrossan	29.17	44	SW	2	0	29.31	+ .12	39	38	- .6	NNW	3	0	2	45	39	0.03					
†Mullaghmore	29.23	43	NNW	5	og	29.20	- .39	40	38	- .5	N	7	ogp	6	48	36	0.07					
Donaghadee	29.20	45	WSW	3	c	29.30	+ .10	40	38	- .4	NNE	7	0	5	50	38	-					
Parsonstown	29.28	45	SW	2	0	? 29.33	+ .29	34	33	- .9	NNW	7	6	*	49	34	0.03					
Barrow-in-Furness	29.24	41	SE	3	f	29.23	- .07	39	39	- .4	WSW	5	op	4	46	38	0.05					
†Holyhead	29.26	47	SW	2	0	29.26	+ .10	40	39	- .6	NNW	8	ow	6	47	39	0.04					
Liverpool (Bishop)	29.27	44	WSW	7	c	29.32	+ .02	38	37	- .8	W	1	r	3	51	38	0.11					
†Valentia	29.43	47	NNW	4	omp	29.76	+ .47	42	40	- .5	NW	4	cp	4	51	42	0.07					
Roche's Point	29.37	47	W	4	b	29.62	+ .27	41	37	- .5	NW	5	6	4	51	39	0.06					
Pembroke	29.32	46	W	4	0	29.49	+ .23	41	38	- .4	NNW	6	b	4	46	40	0.05					
†Scilly	29.51	50	W	8	og	29.64	+ .27	46	43	- .4	NNW	8	c	6	51	44	0.07					
Prawle Point	29.48	46	SW	5	0	29.54	+ .12	49	48	+ .3	NNW	4	c	4	49	44	0.24					
Hurst Castle	29.46	44	WSW	6	b	29.48	+ .02	41	39	- .7	NW	4	b	5	47	40	0.03					
†Dover	29.48	46	SW	4	cp	29.42	- .08	44	44	0	WSW	4	b	3	47	43	0.06					
†London	29.42	47	SSW	3	0	29.42	- .04	44	42	- .3	W	3	0	*	51	44	0.04					
Oxford	29.38	45	S	3	0	29.41	.00	41	38	- .6	W	4	6	*	50	41	0.03					
Cambridge	29.38	47	SW	1	0	29.34	- .10	43	41	- .2	W	1	c	*	52	42	0.11					
†Yarmouth	29.44	45	S	3	c	29.35	- .12	43	43	+ .4	SW	3	c	2	45	38	0.05					
The Helder	29.49	43	SSW	3	0	29.38	- .20	40	39	+ .5	SW	4	0	3	46	?	0.04					
Cape Gris Nez	29.53	44	SSW	5	0	29.45	- .05	44	42	- .2	SSW	7	0	4	48	43	0.04					
†Jersey	29.62	46	WSW	5	b	29.59	+ .06	45	44	- .2	NNW	4	b	3	50	43	0.17					
Brest	29.73	48	NNW	5	0	29.65	+ .10	48	45	- .7	NNW	5	0	5	50	46	-					
Lorient	29.72	46	W	7	b	29.63	+ .07	45	44	- .2	NNW	5	c	5	52	48	0.32					
†Rochefort	29.85	50	W	5	0	29.75	+ .11	51	?	+ .4	NNW	7	0	4	55	43	?					
Biarritz	29.99	54	NNW	8	0	29.94	+ .12	51	46	- .3	SW	7	r	4	59	46	0.20					
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
Brussels	*	*	*	*	*	29.53	- .06	42	42	- .1	SSW	5	0	*	52	43	0.04					
Charleville	29.62	42	S	1	0	29.62	- .03	42	40	+ .2	S	1	c	*	50	38	0.16					
Paris	29.68	51	?	3	0	29.61	- .01	45	43	0	SSE	4	0	*	*	*	0.04					
Lyons	29.82	48	S	1	0	29.80	+ .09	43	41	- .6	S	1	0	*	55	42	0.08					
Toulon	29.79	48	E	8	0	29.84	+ .02	45	41	- .3	NW	5	6	5	50	45	-					
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	28.92	41	ESSE	4	r	27.98	- .08	34	34	- .10	WSW	4	r	*	45	33	0.40					

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

Hawes Junction	28.02	41	ESE	4	r	27.98	- .08	34	34	- .10	WSW	4	r	*	45	33	0.40
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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 ...	29.45	31	31	E	7	S	4	Valentia ...	29.37	49	47	NNW	5	og	5
Sumburgh Head								Scilly ...	29.49	50	49	W	7	og	6
Stornoway ...								Dover ..	29.49	46	45	SW	5	og	3
Aberdeen ...	29.19	44	43	SSW	2	0	4	London ...	29.43	51	48	SSW	3	og	*
Shields ...	29.23	50	48	WSW	3	bc	2	Yarmouth ...	29.46	41	40	S	2	bc	3
Ardrossan ...	29.19	45	44	SW	1	0	0	Jersey ...	29.58	49	48	WSW	4	c	3
Mullaghmore ...	29.20	47	46	WSW	3	dm	2	Rochefort ...	29.76	54	51	W	7	bc	2
Holyhead ...	29.27	47	47	SSW	2	f	1								

Barometer is rising in the W. and S.W., falling slowly elsewhere, and depression passing slowly NE^W over Scotland. Wind continues W^W in the W. and S^W in the E., and the weather remains dull + unsettled.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort's 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

SUNDAY, 6TH FEBRUARY.


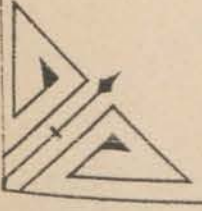
1881.

ISSUED BY THE
METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

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Subscriptions for these Reports are {
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ROBERT H. SCOTT
(SECRETARY.)

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

WEATHER CHARTS

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

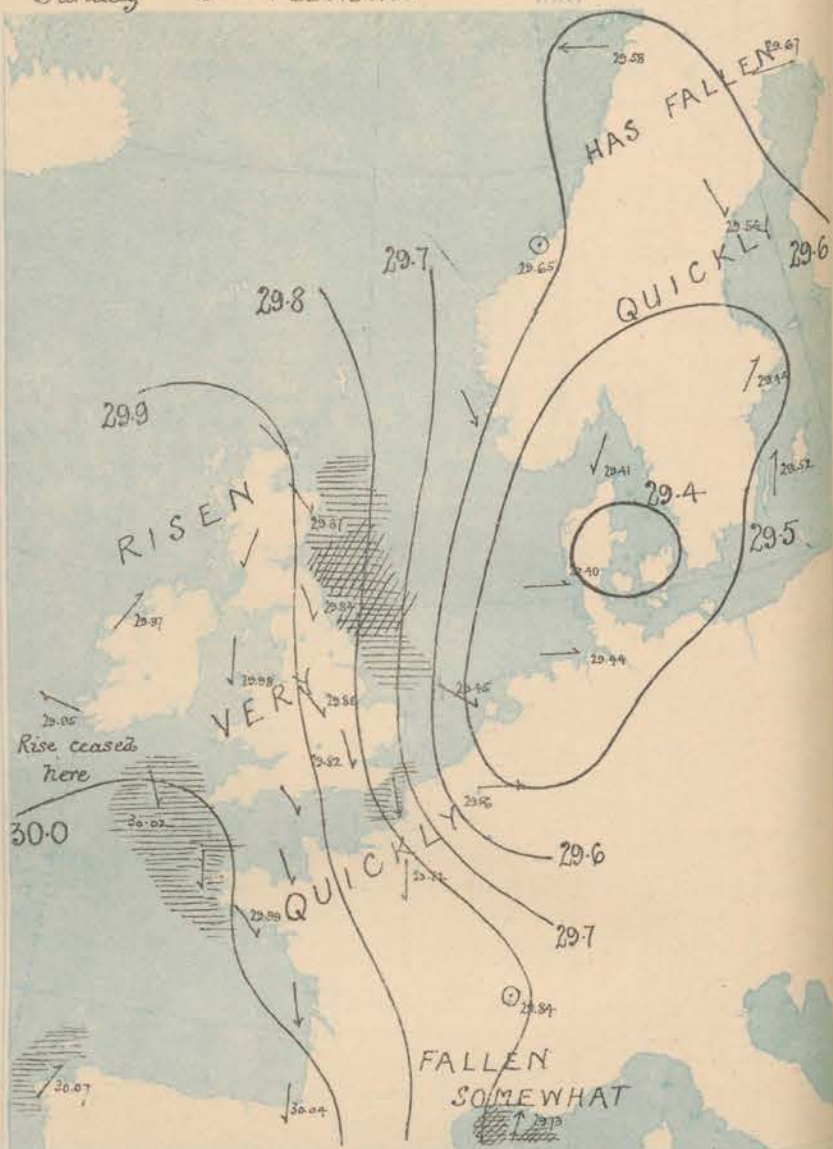
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus: — force above 10; — force 8 to 10; — force 5 to 7; — force 4 to 5; — dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of February

Stations	Mean Readings
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.884
Valentia	29.903
Roch's Pt.	29.923
Plymouth	29.923
LONDON	29.983
Yarmouth	29.974

* These means are for the 30 years 1851-80. A more complete set of mean values is in course of preparation.



REMARKS

On SUNDAY, 6TH FEB^R 1881, at 8 a.m.

The depression which lay over the North Sea yesterday morning has since moved slowly SE^W, and are now found over the south of Sweden, Denmark and the Netherlands. The barometer has consequently risen quickly over the whole of our Islands, while the wind has veered to N in most places, but in the South of Ireland a decided SE^E current is shown, pointing probably to the advance of some fresh disturbance towards that region. Fresh or strong gales from the N^Ws were felt on many parts of our coasts yesterday, but these have all subsided, and breezes of light or moderate strength are now general. Temperature has fallen several degrees generally, and readings in our Islands now vary from 42° at Lillie to 32° at York and 30° at Harlow. In the Gulf of Bothnia a brisk rise of temperature has occurred, this morning's readings being a few degrees above zero. Slight frost was experienced over Scotland and Central England last night, and sharp frost in Ireland. The weather is clear and bright except on our south west coasts, where some cloud prevails, but during yesterday heavy snow and hail showers fell in the north and north east, and some sleet in the south east. The sea is rough off the east coast of Scotland, at Lillie, and in the Straits of Dover.

FORECASTS

for the 24 hours ending at Noon
on the

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

MAP SHOWING
DISTRICTS



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

WARNINGS

FORECASTS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 6th FEBRUARY 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 ...	30.17	-13	S	2	c	29.67	- .56	4	4	+ 21	E	4	c	*	5	-18	0.12	
Hernösand ...	29.61	46	NE	6	c	29.84	- .44	10	9	+ 12	N	2	c	*	16	-8	0.47	
Stockholm ...	29.45	32	S	4	r	29.44	- .15	33	32	+ 4	SH	2	f	*	?	19	0.04	
Wisby ...	29.55	34	SW	4	r	29.52	- .11	34	33	+ 1	SW	2	c	*	37	27	0.04	
Bodö ...	29.74	12	E	6	c	29.58	- .27	5	4	- 7	E	6	b	3	12	5	-	
Christiansund...	29.43	24	NNE	2	s	29.65	+ .30	23	21	- 1	ESE	1	c	2	27	12	-	
†Skudesnaes ...	29.38	31	NNW	4	s	29.51	+ .29	26	24	- 2	NNW	6	bc	4	34	?	-	
Oxö (Xtiansund)...	29.36	42	NNE	6	c	29.47	+ .10	21	20	+ 2	NNE	4	c	2	19	19	0.04	
Skagen (The Skaw)	29.39	31	N	3	c	29.41	+ .03	26	24	- 4	NNE	4	c	4	32	?	0.74	
Fanö ...	29.36	34	SW	2	f	29.40	+ .04	36	36	0	W	4	f	*	36	34	0.04	
Cuxhaven ...	29.47	41	S	1	c	29.44	- .03	38	38	- 4	W	1	f	*	43	36	0.04	
†Sumburgh Head																		
†Stornoway ...																		
Wick ...	29.67	34	NNE	7	c	29.90	+ .50	32	31	- 2	W	1	b	3	35	24	0.05	
Nairn ...	29.72	34	NE	4	c	29.92	+ .58	30	29	- 6	NNE	2	b	3	36	30	0.03	
†Aberdeen ...	29.57	35	N	6	bc	29.87	+ .62	31	30	- 5	NNW	3	b	5	37	30	0.07	
Leith ...	29.62	37	NE	2	c	29.93	+ .68	32	30	- 6	W	1	b	*	39	30	0.08	
†Shields ...	29.46	37	NNE	8	r	29.84	+ .63	31	31	- 9	NNW	2	s	7	40	30	0.32	
Spurn Head ...	29.34	38	NNW	6	r	29.75	+ .50	35	34	- 5	NNW	5	bc	6	46	33	0.24	
York ...	29.46	37	NNW	4	c	29.85	+ .58	32	31	- 7	W	3	b	*	43	31	0.01	
Nottingham ...	29.49	38	NNW	3	r	29.86	+ .50	33	32	- 8	W	2	b	*	44	31	0.02	
†Ardrossan ...	29.70	37	NNE	2	bc	29.97	+ .66	31	30	- 8	NNE	2	b	1	40	27	-	
†Mullaghmore ...	29.54	40	NNE	5	c	29.97	+ .41	31	30	- 9	SW	2	c	3	42	25	0.04	
Donaghadee ...	29.58	38	NNE	7	bc	29.96	+ .46	36	32	- 4	NNE	4	b	2	41	34	0.01	
Parsonstown ...	29.76	35	NNW	1	c	30.02	+ .49	28	28	- 6	Z	2	c	*	42	25	-	
Barrow-in-Furness	29.51	36	W	4	r	29.91	+ .68	31	29	- 8	NNW	3	b	3	46	30	0.03	
†Holyhead ...	29.64	41	N	8	c	29.98	+ .62	37	33	- 3	N	4	b	0	42	36	0.03	
Liverpool (Bliston)	29.59	36	W	4	c	29.93	+ .61	33	31	- 5	W	3	b	1	39	33	0.03	
†Valentia ...	29.92	42	N	3	b	29.95	+ .12	38	35	- 4	ESE	3	c	4	47	34	0.01	
Roche's Point...	29.89	41	NNW	4	b	29.97	+ .35	34	32	- 7	SE	1	c	3	45	33	-	
Pembroke ...	29.69	42	W	6	bc	29.95	+ .46	36	34	- 5	ENE	2	bc	2	42	35	-	
†Scilly ...	29.80	45	NNW	8	c	30.02	+ .38	42	40	- 4	NNW	4	c	6	46	40	-	
Prawle Point ...	29.71	43	W	4	c	30.00	+ .26	33	32	- 12	NNW	3	c	3	48	31	-	
Hurst Castle ...	29.57	40	NNW	6	b	29.92	+ .44	33	31	- 8	NNW	3	b	4	44	32	-	
†Dover ...	29.46	42	H	3	c	29.74	+ .32	36	34	- 8	W	5	bc	2	46	35	0.03	
†London ...	29.47	42	NNW	4	ov	29.82	+ .40	34	31	- 10	NNW	4	b	*	45	34	0.01	
Oxford ...	29.58	38	NNW	5	c	29.88	+ .47	33	30	- 8	NNW	3	b	*	44	32	0.01	
Cambridge ...	29.39	40	W	1	f	29.78	+ .44	38	37	- 5	W	2	bc	*	44	32	0.10	
†Yarmouth ...	29.37	40	W	2	c	29.68	+ .23	37	35	- 6	NNW	4	c	4	44	35	0.04	
The Helder ...	29.39	39	SW	1	b	29.45	+ .07	37	36	- 3	NNW	1	c	1	41	37	0.04	
Cape Gris Nez ...	29.49	42	NNW	8	c	29.72	+ .27	39	34	- 5	NNW	7	c	5	?	29	-	
†Jersey ...	29.71	44	NNW	6	bc	29.98	+ .29	39	35	- 6	NNW	4	bc	3	47	37	0.01	
Brest ...	29.83	45	N	7	b	30.03	+ .38	41	39	- 7	N	3	bc	5	48	37	-	
Lorient ...	29.78	44	W	7	bc	29.99	+ .36	40	36	- 5	W	4	bc	4	30	36	-	
†Rochefort ...	29.79	43	W	7	m	29.98	+ .28	45	41	- 6	NNW	7	c	2	32	39	-	
Biarritz ...	29.86	42	W	7	r	30.04	+ .20	50	46	- 1	N	4	c	4	55	45	0.43	
Corunna ...	*	*	*	*	*	30.07	?	?	*	?	SW	1	c	5	*	*	*	
Brussels ...	*	*	*	*	*	29.56	+ .03	38	37	- 5	W	7	c	*	48	35	0.16	
Charleville ...	?	?	?	?	?	29.55	- .07	35	34	- 7	SW	4	c	*	34	31	?	
Paris ...	29.61	44	SW	3	c	29.82	+ .21	40	39	- 5	N	1	c	*	*	*	0.08	
Lyons ...	29.63	43	S	4	r	29.74	+ .04	37	35	- 6	W	1	c	*	48	35	0.24	
Toulon ...	29.76	45	W	1	r	29.73	- .11	42	36	- 3	SW	8	b	7	54	29	0.16	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.12	31	NNW	4	c	28.61	- .37	23	23	- 11	Z	0	b	*	38	23	0.03	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.67	33	33	ESE	4	s	4	Valentia ...	29.36	45	42	W	3	bc	4
Sumburgh Head ...								Scilly ...	29.73	46	43	NN	8	c	6
Stornoway ...								Dover ..	29.42	43	40	W	4	c	3
Aberdeen ...	29.44	37	35	N	6	s	6	London ...	29.43	44	40	NN	3	c	*
Shields ...	29.24	38	37	NNE	8	r	4	Yarmouth ...	29.35	43	41	W	3	cm	2
Ardrossan ...	29.52	39	37	N	3	cm	5	Jersey ...	29.46	46	42	NNN	5	bc	4
Mullaghmore ...	29.75	39	37	N	6	cm	2	Rochefort ...	29.78	50	48	NN	7	m	4
Holyhead ...	29.49	40	39	N	9	r	7								

The depression is passing SE and the mercury is rising very quickly in the N. and NW. Gradients have become much steeper, and the N^W wind has increased to gale in the NW and NE. The weather is colder & showery.

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, 7TH FEBRUARY.

1881.

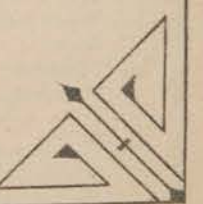

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ROBERT H. SCOTT
(SECRETARY.)

Printed by Dangerfield, Lith. & Bookbinder, 57, Great Court Street, London.

WEATHER CHARTS

for 8 a.m. on Monday 7th FEBRUARY 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.

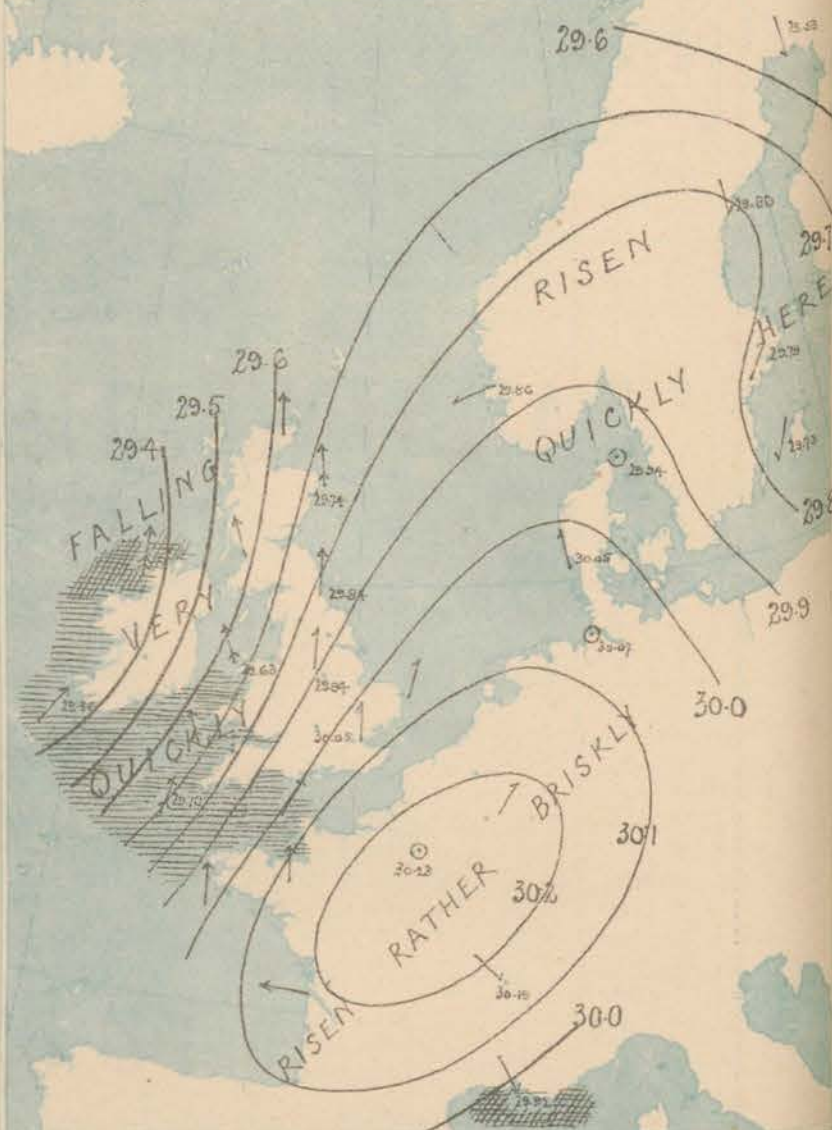
☉ = dead calm.

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

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

Stations	Mean Readings.
Saarn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.906
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valencia	29.903
Roche's Pt.	29.912
Plymouth	29.933
LONDON	29.983
Farmouth	29.974

* 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.

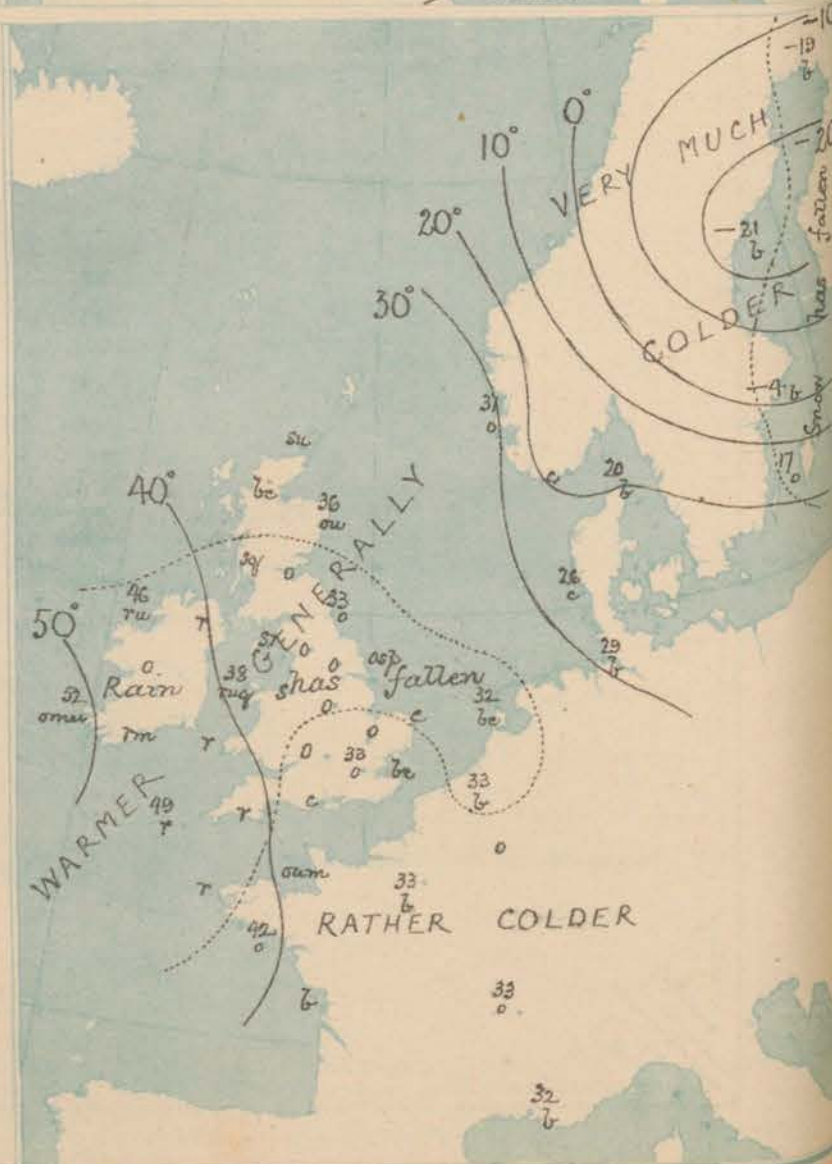
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 February

Stations	Temp.	Rain-fall
Sunderland Head	38.5	2.70
Sternawar	39.4	4.31
Aberdeen	39.1	2.20
Shields	39.3	1.61
York	39.7	1.75
Milloughmore	41.7	0
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Sally (St Mary's)	45.6	2.88
Hurst Castle	41.9	0
Dover	41.0	1.75
LONDON	41.2	1.58
Farmouth	39.5	2.05

* The mean Temperatures are those for the 13 years 1867-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for MONDAY, 7th FEBRUARY 1881, at 8 a.m.

A deep and important depression has advanced to our west coast during the night, and has occasioned a fall of more than half an inch in the barometer at our western stations and the decrease is spreading to all our districts. In the east of France and over Scandinavia the mercury still rises. The wind has shifted to SE and S all over the Kingdom, and is rising in force generally; it already blows a severe gale on our western coasts, and a fresh gale in east Scotland. Temperature is rising very fast in the west, and the change is spreading everywhere, though in the east the weather is still cold; readings range from 52° at Valentia to 30° at Cambridge and 28° at Leith. During the night the thermometers fell to 21° at Aberdeen, 24° at Nottingham and 26° in London. The weather is cloudy and very unsettled; snow is falling in the north-west, and rain at nearly all the western and south western stations. The sea is very rough in the west.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

8th FEBRUARY.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

St. gales; dull, showers.

2 SCOTLAND EAST

3 ENGLAND NE

St. and St. gales; dull, cold showers.

4 ENGLAND EAST

St. winds, fresh or strong; dull, rain later.

5 MIDLAND COUNTIES

SE to St., strong winds; dull, then rainy.

6 ENGLAND SOUTH

St. winds, fresh to strong; dull, then rain. Becoming milder.

DISTRICTS

FORECASTS

6 SCOTLAND WEST

St. winds, strong to a gale; dull, rain.

7 ENGLAND NW

St. and St., strong winds and gales; rain, then fair.

8 ENGLAND SW

St. winds and gales; rainy, then fair.

9 IRELAND NORTH

St. to St., strong winds and gales; dull, unsettled, showery.

10 IRELAND SOUTH

WARNINGS

The Souths Lane has been hoisted in Districts 0, 1, 2 and 6.

METEOROLOGICAL OBSERVATIONS FOR 7TH FEBRUARY. 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.		Sea. (0 to 9).	SHADE TEMP.		Amount of fall.			
			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	29.47	7	N	2	0	29.53	-.14	-19	-19	-.23	N	2	0	*	7	-22	0.12		
Hernösand	29.67	7	Z	0	0	29.60	+.26	-21	-21	-.31	NNE	2	0	*	16	2	-		
Stockholm	29.57	10	N	6	5	29.79	+.35	-4	-4	-.37	WSW	2	0	*	34	?	0.24		
Wisby	29.48	32	SW	4	0	29.73	+.21	17	16	-.17	NNE	4	0	*	36	?	0.04		
Bodö																			
Christiansund																			
†Skudesnaes	29.77	24	Z	0	C	29.86	-.05	31	30	+.5	ENE	2	0	2	?	23	-		
Oxö (Kölan Sund)	29.73	26	NNW	2	C	29.93	+.46	14	13	-.7	NNW	2	C	1	26	12	-		
Skagen (The Skaw)	29.71	23	NNE	5	0	29.94	+.53	20	18	-.6	Z	0	0	0	?	19	-		
Fanö	29.76	28	N	6	0	30.05	+.65	26	25	-.10	S	1	C	*	36	25	-		
Cuxhaven	29.74	32	N	6	0	30.07	+.63	29	28	-.9	N	1	0	*	?	28	-		
†Sumburgh Head																			
†Stornoway																			
Wick	29.94	30	NNW	2	0	29.62	-.28	35	33	+.3	S	6	CW	4	36	27	-		
Nairn	29.98	27	N	0	0	29.59	-.33	33	31	+.3	SW	2	0	2	34	25	-		
†Aberdeen	29.99	32	NNW	1	0	29.64	-.23	36	33	+.5	S	8	CW	4	38	21	-		
Leith	30.04	31	NW	1	0	29.68	-.25	28	28	-.4	SSW	3	0	*	42	25	-		
†Shields	30.03	33	NW	1	0	29.54	.00	33	32	+.2	S	5	0	4	36	25	0.05		
Spurn Head	29.97	34	NNW	4	0	29.98	+.23	30	28	-.2	S	5	0	4	36	30	0.05		
York	29.92	34	NNW	1	0	29.91	+.06	32	31	0	S	4	0	*	40	26	-		
Nottingham	30.06	30	NW	1	0	29.94	+.08	32	30	-.1	ESE	3	0	*	39	24	-		
†Ardrossan	30.01	36	S	1	0	29.54	-.43	34	33	+.3	SSE	6	0	4	42	28	0.02		
†Mullaghmore	29.90	36	SSE	6	0	?	?	46	46	+.5	S	11	0	7	48	30	0.38		
Donaghadee	30.04	36	SSW	3	0	29.55	-.41	40	39	+.4	SSW	8	0	6	40	32	0.32		
Parsonstown	29.94	34	NNE	2	0	29.35	-.67	47	46	+.19	S	9	0	*	47	27	0.24		
Barrow-in-Furness	30.05	35	NW	2	0	29.76	-.15	31	31	0	SSW	7	0	3	41	28	0.03		
†Holyhead	30.03	36	ESE	1	0	29.63	-.35	32	37	+.1	SSE	8	0	6	38	24	0.14		
Liverpool (Bidston)	30.05	32	NNW	1	0	29.79	-.14	31	30	-.2	SE	3	0	2	36	29	0.06		
†Valentia	29.85	42	ESE	4	C	29.36	-.59	32	31	+.14	SW	7	0	6	53	36	0.64		
Roche's Point	29.95	42	S	5	C	29.46	-.51	47	47	+.13	SSW	7	0	5	48	34	0.62		
Pembroke	30.02	38	SW	3	0	29.67	-.28	42	42	+.6	SSE	8	0	5	42	36	0.15		
†Scilly	30.01	45	S	0	C	29.70	-.32	49	49	+.7	SSW	9	0	6	49	41	0.32		
Prawle Point	30.06	37	NW	3	C	29.90	-.10	41	40	+.8	SSE	6	0	5	49	?	0.02		
Hurst Castle	30.06	34	NNW	2	0	30.03	+.11	39	35	+.6	SW	5	C	3	41	28	-		
†Dover	30.00	36	N	3	0	30.10	+.36	37	35	+.1	S	4	0	2	40	30	-		
†London	30.03	36	N	2	0	30.05	+.23	38	32	-.1	S	3	0	*	40	26	-		
Oxford	30.09	33	N	1	0	30.00	+.12	34	32	+.1	SE	5	0	*	39	27	-		
Cambridge	30.04	33	NW	1	0	30.04	+.26	30	30	-.8	SE	1	0	*	41	26	-		
†Yarmouth	29.93	34	NW	2	C	30.06	+.38	33	32	-.4	SSW	2	C	3	39	29	0.05		
The Helder	29.87	36	NNW	4	C	30.11	+.46	32	31	-.5	WSW	1	0	1	37	30	0.04		
Cape Gris Nez																			
†Jersey	30.12	37	N	1	0	30.09	+.11	38	35	-.1	S	5	0	5	43	34	-		
Brest	30.15	42	N	3	0	29.97	-.06	44	44	+.3	S	5	0	5	46	39	0.08		
Lorient	30.08	40	NNW	3	0	30.05	+.06	42	40	+.2	SSE	7	0	5	46	36	-		
†Rochefort	30.10	45	NW	5	0	30.20	+.22	37	35	-.8	ESE	5	0	2	48	32	-		
Biarritz																			
Corunna	*	*	*	*	*										*	*	*		
Brussels	*	*	*	*	*	30.17	+.61	33	32	-.5	NNW	1	0	*	40	32	0.12		
Charleville	?	35	N	4	0	29.75	?	32	30	-.3	SW	1	0	*	43	27	-		
Paris	30.04	39	NW	4	C	30.23	+.43	33	32	-.7	NE	1	0	*	*	*	-		
Lyons	29.99	37	N	3	C	30.19	+.35	33	30	-.4	NW	3	0	*	40	32	-		
Toulon	29.73	41	NW	9	0	29.92	+.19	32	?	-.10	NNW	7	0	7	?	?	?		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.74	25	NNW	2	0	28.55	-.06	29	27	+.6	S	7	0	*	39	18	-		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.68	28	26	NNW	b	4	Valentia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						*
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	30.06	47	43	NW	5	6
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 FEBRUARY.

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 Dangerfield, Lich. 22, Bedford St. Covent Garden.

WEATHER CHARTS

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

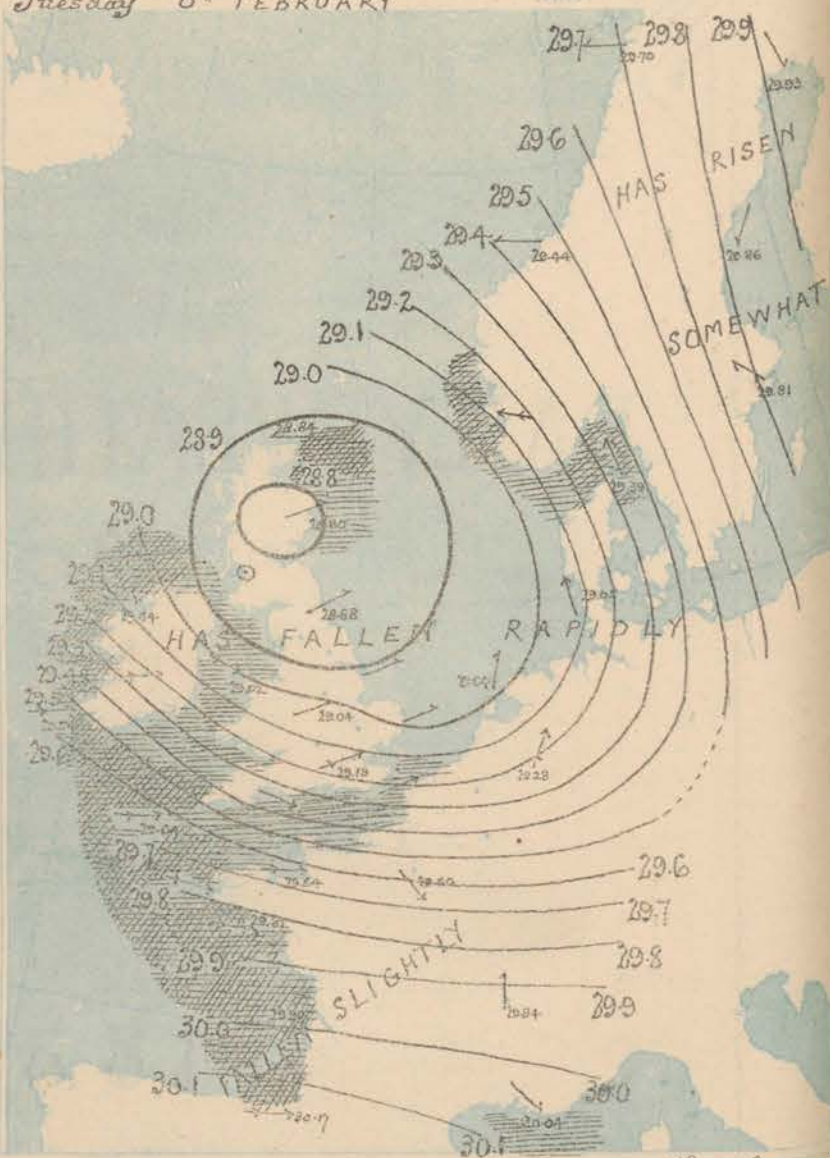
Wind Arrows show the prevalent wind. They fly with the wind, and their bars and feathers refer to force, thus:
— force above 10; — force 8 to 10;
— force 5 to 7; — force 1 to 4.
○ dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of February

Stations.	Mean Readings
Nairn	29.774
Aberdeen	29.799
Leith	29.844
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valencia	29.903
Roche's Pt.	29.922
Plymouth	29.993
LONDON	29.963
Vermouth	29.974

* 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.

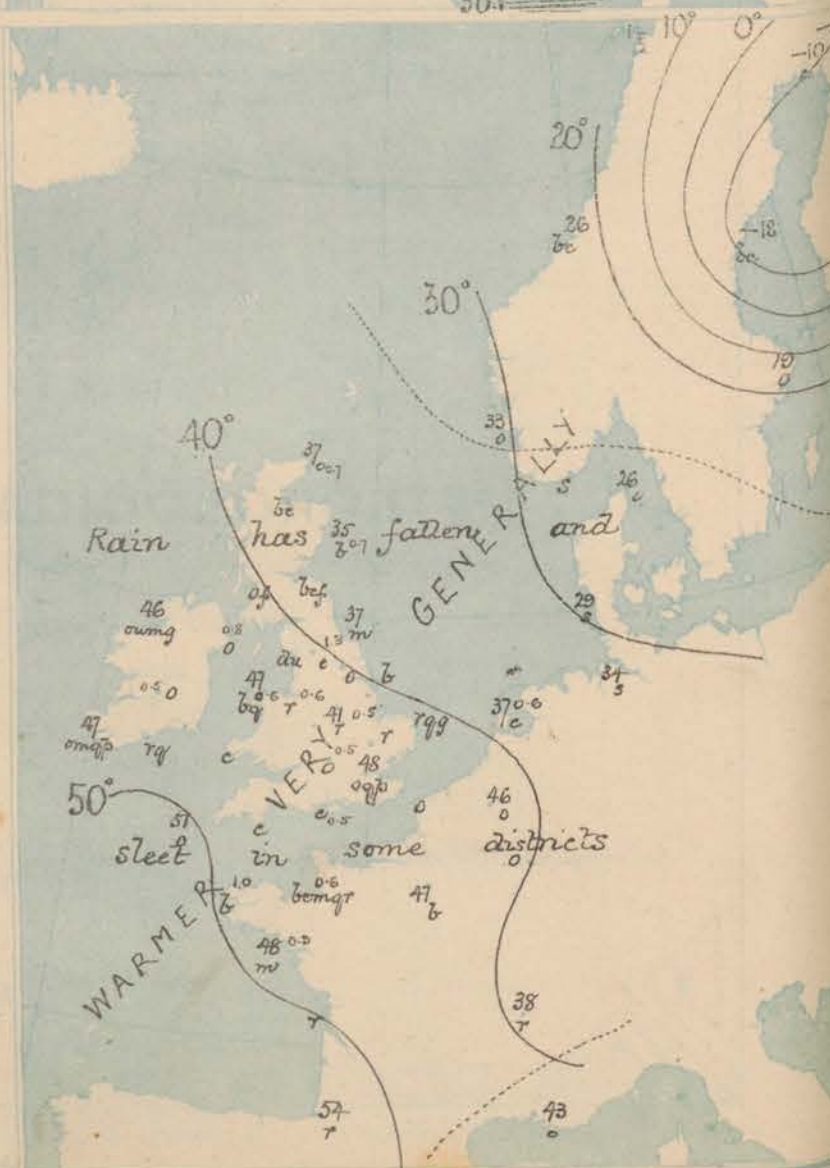
Explanation of Map.

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 February

Stations	Temp	Rain-fall
Sandwich Head	38.5	2.90
Sornoway	38.9	4.51
Aberdeen	39.1	2.20
Shetland	39.3	1.61
Nairn	39.7	1.75
Mullinglucore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.98
Ilwst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Vermouth	39.5	2.05

* The mean Temperatures are those for the 15 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for TUESDAY, 8TH FEBRUARY 1881, at 8 a.m.

The centre of the deep depression which reached our north western coasts yesterday now lies over our northern districts, and appears to be moving very little indeed but is undergoing considerable modification in form. Steep gradients for NW^{ly} and W^{ly} winds prevail on our western and southern coasts but in the north and east readings, though very low, have become very uniform.

Severe S^{ly} to W^{ly} gales have been felt over the United Kingdom during the past twenty four hours, and these still blow with great force in the west and south, but in the north and north east the wind has lulled almost to a calm, and a similar change is taking place over our eastern and south eastern counties also. On the eastern shores of the North Sea the wind is S^{ly} to E^{ly} in direction and strong in force.

Temperature has risen quickly except in the north, the change being as much as fifteen degrees in London. Scilly (51°) is sixteen degrees warmer than Aberdeen.

Rain has fallen very generally, heavily in several places, and has been accompanied by wet snow in the south eastern and eastern districts. Lightning was seen at the south western and southern stations last night.

The sea is very high in the W. and NW, high in the N, rough elsewhere.

FORECASTS

for the 24 hours ending at Noon
on the

9TH FEBRUARY.

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

MAP SHOWING DISTRICTS



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

Wind becoming E^{ly}, force doubtful; unsettled, perhaps snow.

6 SCOTLAND WEST

NW^{ly} to N^{ly} gales, moderating; very unsettled and squally.

2 SCOTLAND EAST

— S^{ly} — S^{ly} — S^{ly} —

7 ENGLAND NW

NW^{ly} to W^{ly} gales, moderating gradually; squally, unsettled.

3 ENGLAND NE

W^{ly} to NW^{ly} winds, increasing in force; squally, showery.

8 ENGLAND SW

— S^{ly} — S^{ly} — S^{ly} —

4 ENGLAND EAST

W^{ly} to NW^{ly} winds; squally, showery to fair.

9 IRELAND NORTH

— S^{ly} — S^{ly} — S^{ly} —

5 MIDLAND COUNTIES

— S^{ly} — S^{ly} — S^{ly} —

10 IRELAND SOUTH

— S^{ly} — S^{ly} — S^{ly} —

6 ENGLAND SOUTH

— S^{ly} — S^{ly} — S^{ly} —

WARNINGS

The South Cone is still up in districts 0, 1, 2 and 6.

METEOROLOGICAL OBSERVATIONS FOR 8TH FEBRUARY 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 ...	29.69	-10	N	2	b	29.93	+ .40	-10	-10	+ 9	N	2	c	*	-8	-20	-			
Hernösand ...	29.86	-17	Z	0	b	29.86	+ .06	-18	-18	+ 3	NNE	2	bc	*	12	-24	-			
Stockholm ...	29.94	13	W	2	o	29.81	+ .02	19	18	+ 23	SE	2	o	*	?	-4	-			
Wisby ...	29.95	21	Z	0	b	29.76	+ .03	?	22	?	SE	2	bc	*	25	12	-			
Bodö ...	29.67	14	ENE	2	b	29.70		14	13		E	2	b	1	18	12	-			
Christiansund...	29.64	28	W	4	o	29.44		26	25		E	4	bc	3	30	18	-			
†Skudesnaes ...	29.49	36	SE	8	o	29.40	- .76	33	29	+ 2	ESE	9	o	7	36	?	-			
Oxö (Xiansund) ...	29.75	32	S	4	o	29.24	- .69	26	26	+ 12	E	8	s	6	32	?	0.12			
Skagen (The Skaw)	29.84	29	SSE	6	o	29.39	- .55	26	25	+ 6	SE	7	o	7	?	?	-			
Fanö ...	29.72	32	SSE	6	o	29.05	- 1.00	29	28	+ 3	SSE	6	s	*	32	25	0.08			
Cuxhaven ...	30.02	35	S	1	o	29.25	- .82	34	34	+ 5	WSW	5	s	*	37	?	-			
†Sumburgh Head																				
†Stornoway ...																				
Wick ...	28.86	35	S	9	o	28.94	- .78	37	37	+ 2	E	3	o	7	37	30	0.68			
Nairn ...	28.78	36	S	6	o	28.79	- .80	36	34	+ 2	S	2	bc	1	39	20	0.06			
†Aberdeen ...	28.95	35	S	8	r	28.80	- .84	35	33	- 1	WSW	1	b	6	37	31	0.66			
Leith ...	28.88	40	SW	6	f	28.86	- .82	32	31	+ 4	W	1	bc	*	44	28	0.14			
†Shields ...	29.05	35	S	8	o	28.88	- .96	37	36	+ 4	WSW	1	m	4	40	33	0.15			
Spurn Head ...	29.24	35	S	8	o	28.92	- 1.06	36	36	+ 3	WSW	3	b	4	41	33	0.18			
York ...	29.23	35	SSE	8	ots	28.83	- 1.08	37	36	+ 5	SSW	1	o	*	40	27	0.34			
Nottingham ...	29.22	37	SSE	6	o	28.94	- .90	41	40	+ 9	WSW	3	r	*	42	31	0.34			
†Ardrossan ...	28.88	44	W	4	a	28.88	- .66	39	38	+ 5	E	1	af	0	45	32	0.27			
†Mullaghmore ...	28.92	45	SW	6	cgm	29.04	?	46	44	0	W	9	augm	8	52	40	0.38			
Donaghadee ...	28.96	43	WSW	5	b	28.85	- .70	45	44	+ 5	WNW	7	o	5	47	36	0.78			
Parsonstown ...	29.10	45	SW	9	c	29.28	- .07	46	43	- 1	W	10	o	*	55	38	0.46			
Barrow-in-Furness	29.04	37	SSE	7	r	28.87	- .89	37	37	+ 6	NE	2	bc	4	41	?	0.54			
†Holyhead ...	29.10	45	WSW	5	o	29.02	- .61	47	43	+ 9	WNW	9	bc	8	47	37	0.55			
Liverpool (Bidston)	29.19	43	WSW	5	r	28.94	- .88	42	41	+ 11	WSW	8	r	4	46	31	0.62			
†Valentia ...	29.22	48	WNW	8	cmp	29.64	+ .48	47	44	- 5	W	8	emp	7	55	44	0.36			
Roche's Point...	29.24	40	W	7	r	29.44	- .02	45	43	- 2	WNW	7	rq	6	57	43	0.24			
Pembroke ...	29.21	48	WSW	8	c	29.30	- .47	48	45	+ 6	W	10	c	7	48	41	0.37			
†Scilly ...	29.20	51	WSW	9	ow	29.64	- .06	51	48	+ 2	W	10	o	8	52	47	0.43			
Prawle Point ...	29.45	48	SSW	6	o	29.49	- .41	47	44	+ 6	WSW	7	c	6	49	39	0.35			
Hurst Castle ...	29.54	43	SW	8	r	29.37	- .66	46	43	+ 7	WNW	7	c	6	47	35	0.46			
†Dover ...	29.61	39	SW	6	ogp	29.20	- .90	45	43	+ 8	WSW	5	ogp	5	46	36	0.34			
†London ...	29.30	37	S	9	og	29.19	- .86	48	44	+ 15	WSW	9	ogp	*	49	?	0.42			
Oxford ...	29.34	45	SSW	4	e	29.16	- .84	45	44	+ 11	SW	7	o	*	48	32	0.53			
Cambridge ...	29.41	35	SSE	3	o	29.04	- 1.00	45	43	+ 15	W	3	r	*	53	29	0.20			
†Yarmouth ...	29.53	34	S	7	bcf	28.97	- 1.09	44	43	+ 11	WSW	6	ogp	4	44	31	0.25			
The Helder ...	29.60	35	SSE	5	s	29.04	- 1.07	37	37	+ 5	SSW	3	c	2	39	32	0.59			
Cape Gris Nez	29.63	33	SE	8	o	29.24	- .45	46	42		W	11	o	7	50	32	0.28			
†Jersey ...	29.68	42	SSE	7	r	29.64	- .45	49	46	+ 17	W	8	bc	6	50	34	0.55			
Brest ...	29.73	38	W	7	o	29.82	- .45	50	45	+ 6	WNW	8	b	7	50	?	0.95			
Lorient ...	29.79	30	WSW	7	m	29.82	- .23	48	46	+ 6	WNW	8	m	7	50	39	0.87			
†Rochefort ...	30.02	44	SSW	7	r	29.98	- .22	50	48	+ 13	?	9	r	7	?	36	0.16			
Biarritz ...	30.12	57	S	4	c	30.17	.00	52	52	+ 14	W	5	r	5	59	41	0.04			
Corunna ...	*	*	*	*	*			*						*	*	*	*			
Brussels ...	*	*	*	*	*	29.28	- .69	46	44	+ 13	SW	9	o	*	?	?	0.20			
Charleville ...	30.05	36	S	3	o	29.47	?	41	39	+ 9	SE	5	o	*	46	28	0.32			
Paris ...	29.97	35	S	5	r	29.60	- .63	47	44	+ 14	WN	7	b	*	*	*	0.72			
Lyons ...	30.15	36	NNE	1	o	29.94	- .25	38	35	+ 5	S	1	r	*	40	?	-			
Toulon ...	30.00	45	WN	1	b	30.04	+ .12	43	38	+ 11	NW	4	o	5	50	43	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	27.84	34	SSE	9	r	27.68	+ .83	34	34	+ 5	WSW	2	o	*	38	28	1.27.			

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

Hawes Junction	29.84	34	SSE	9	r	29.68	+ .83	34	34	+ 5	WSW	2	o	38	28	1.27
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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 ...	29.86	35	33	SSE	6	0	4	Valentia ...	29.23	53	50	WSW	8	cm	7
Sumburgh Head								Scilly ...	29.59	52	52	SW	7	cm	6
Stornoway ...								Dover ..	29.94	39	37	SW	6	0	5
Aberdeen ...	29.27	33	33	S	10	S	6	London ...	29.87	35	34	SE	7	sg	*
Shields ...	29.42	35	35	S	8	S	5	Yarmouth ...	29.85	37	34	S	6	cgq	4
Ardrossan ...	29.04	40	39	S	7	r	5	Jersey ...	29.88	38	38	S	7	r	6
Mullaghmore ...	28.96	49	47	WSW	7	crg	6	Rochefort ...	29.92	42	41	S	7	r	4
Holyhead ...	29.22	43	42	SSW	9	rw	7								

The barometer still falls everywhere and the centre of the depression lies near the Clyde. Snow is falling in the NE. and a heavy gale is blowing in the NE. and NW.

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.
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DAILY WEATHER REPORT

F O R

WEDNESDAY, 9TH FEBRUARY.

1881.

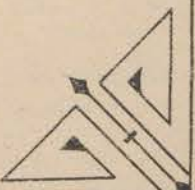
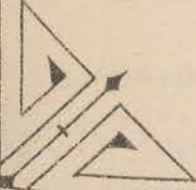
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ROBERT H. SCOTT

(SECRETARY.)

Printed by T. Agnew & Sons, 22, Bedford St. London.

WEATHER CHARTS

for 8 a.m. Wednesday 9th FEBRUARY 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.

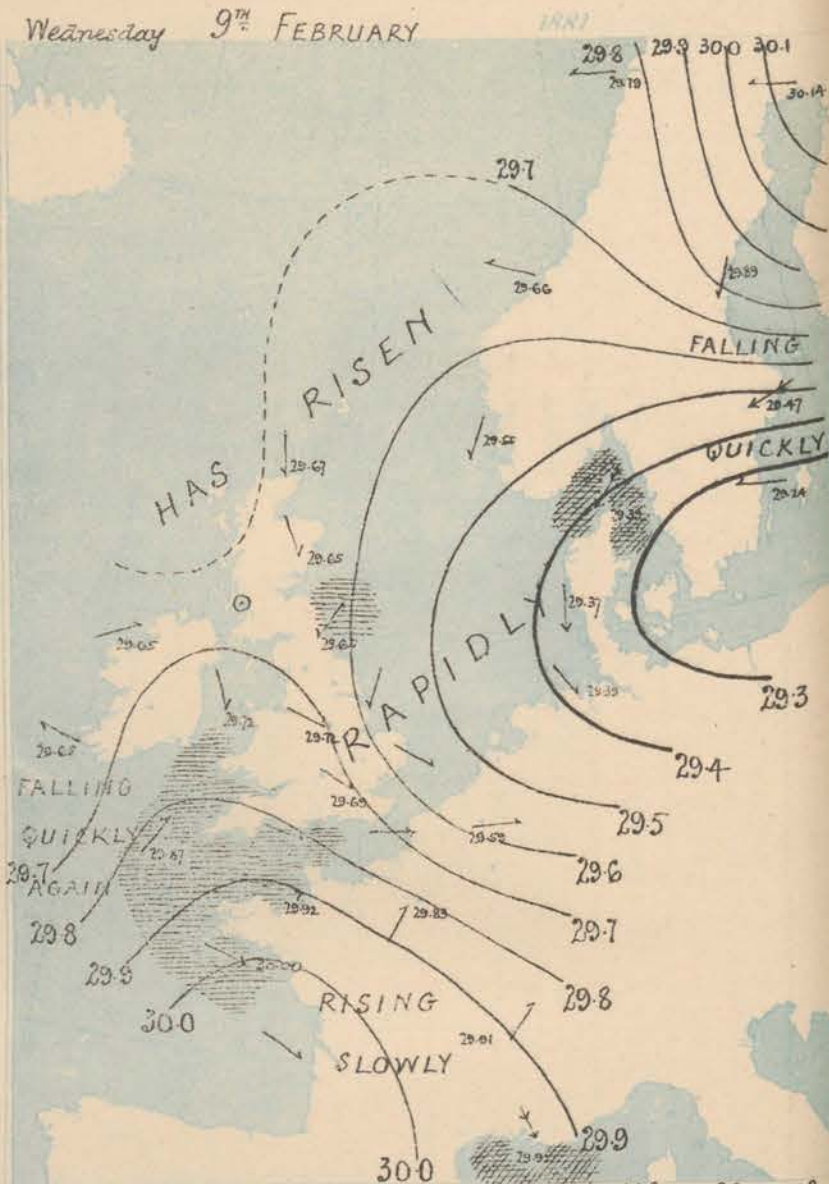
Wind Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force thus: — force, above 10; — force 5 to 10; — force 3 to 5; — force 1 to 3.

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

MEAN* HEIGHT of the BAROMETER for the month of February.

Stations.	Mean Readings (in.)
Nairn	29.774
Aberdeen	29.799
Leith	29.817
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valencia	29.903
Roches Pt.	29.922
Plymouth	29.923
LONDON	29.983
Yarmouth	29.974

* These means are for the 10 years 1866-76. 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 0.6 in. or more are quoted in figures.

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

Stations	Temp.	Rain-fall (in.)
Sunderburgh Head	37.5	7.40
Stornoway	37.9	4.31
Aberdeen	37.7	2.20
Shetlands	37.3	1.61
York	37.7	1.75
Mullaghmore	37.7	1.00
Holyhead	37.5	2.87
Portsmouth	37.7	1.08
Valencia	37.2	4.21
Sally (St Mary's)	37.8	2.16
Hurst Castle	37.5	1.00
Dover	37.0	1.75
LONDON	37.2	1.38
Yarmouth	37.5	2.05

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1865 to 1875.



REMARKS

For WEDNESDAY, 9TH FEB^R 1881, at 8 a.m.

The large depression noticed in the north yesterday has travelled quickly to the SE^W during the night, and has reached the south western part of the Baltic. In its rear the barometer has risen rapidly the wind veered to NW and N and lulled, temperature has fallen over England, and in many places the sky has cleared. In Scotland, however, rain and sleet showers are reported, with a light N^E breeze.

On our south-west coasts the barometer has again begun to fall fast - especially at Valentia, the wind has backed to SW at Sillly and ESE at Valentia, and rain has set in both in the south of Ireland and at the mouth of the Channel.

It seems certain, therefore, that a new depression is coming towards our south-west coasts, but at present it is not near enough for its depth or motion to be forecast with any great certainty.

The sea is rough in the south and south-west.

FORECASTS

for the 24 hours ending at Noon
on the

10TH FEBRUARY.

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



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Variable light breezes; weather improving but cold.
2 SCOTLAND EAST	
3 ENGLAND N.E.	Very variable winds, force doubtful but light for several hours to come; fair.
4 ENGLAND EAST	W ^W to S ^S winds, moderate, then increasing; fine to rainy.
5 MIDLAND COUNTIES	Variable winds, then SE ^S to S ^S ; fine to rainy.
6 ENGLAND SOUTH	SW ^W winds and fine weather, followed by increasing S ^S winds and rain.

6 SCOTLAND WEST	Same as No. 0 and 1.
7 ENGLAND N.W.	SE ^S and S ^S winds, with unsettled wet weather.
8 ENGLAND S.W.	S ^S to W ^W winds, strong to a gale; rainy to fair.
9 IRELAND NORTH	Same as No. 7.
10 IRELAND SOUTH	SE ^S and S ^S winds, force doubtful at present; rainy, unsettled.
WARNINGS	None issued at present.

METEOROLOGICAL OBSERVATIONS FOR 9th FEBRUARY 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 ...	30.12	-3	S	2	o	30.14	+ 21	-15	-15	- 5	E	2	δ	*	0	-17	-	
Hernösand ...	29.92	6	N	2	o	29.89	+ 03	8	8	+ 16	NNE	4	o	*	9	-22	0.12	
Stockholm ...	29.55	24	E	6	5	29.47	- 34	19	18	0	ENE	8	o	*	27	12	0.08	
Wisby ...	29.30	30	SSE	6	5	29.24	- 52	32	32	?	E	4	5	*	?	12	0.32	
Bodö ...	29.82	15	E	2	δ	29.79	+ 09	44	42	0	E	4	δ	1	16	12	-	
Christiansund...	29.30	26	E	3	δ	29.26	+ 02	24	22	- 2	ESE	5	δ	3	27	14	-	
†Skudesnaes ...	29.36	27	ENE	2	δ	29.35	+ 05	22	19	- 11	NNE	2	δ	2	?	?	-	
Oxö (Xtiansund)...	29.23	23	NNE	6	o	29.17	+ 23	23	21	- 3	N	4	δ	3	27	21	0.12	
Skagen (The Skaw)	29.20	27	ENE	7	5	29.29	00	24	23	- 2	NE	8	5	7	?	23	0.29	
Fanö ...	29.14	31	NNW	6	o	29.37	+ 32	29	27	0	N	6	o	*	36	28	-	
Cuxhaven ...	28.99	36	N	3	o	29.39	+ 14	33	32	- 1	NNW	2	o	*	36	30	-	
†Sumburgh Head																		
†Stornoway																		
Wick ...	29.54	35	ENE	7	o	29.67	+ 53	36	33	- 1	N	1	o	3	39	33	0.02	
Nairn ...	29.33	35	NE	6	r	29.68	+ 59	35	34	- 1	NW	4	r	3	37	34	0.05	
†Aberdeen ...	29.15	37	NNW	4	o	29.65	+ 85	34	32	- 1	NNW	2	osp	4	41	33	0.01	
Leith ...	29.26	41	W	1	o	29.68	+ 82	35	34	+ 3	NW	1	of	*	47	32	-	
†Shields ...	29.17	40	NNW	2	δ	29.65	+ 77	37	35	0	NE	2	o	5	42	35	0.03	
Spurn Head	29.12	38	NW	4	r	29.55	+ 63	37	36	+ 1	NNE	4	cg	4	41	34	0.09	
York ...	29.15	42	NNW	1	o	29.68	+ 85	36	35	- 1	NNW	1	m	*	42	34	0.06	
Nottingham ...	29.28	42	NNW	5	c	29.72	+ 68	38	36	- 3	NNW	2	c	*	45	36	0.11	
†Ardrossan ...	29.25	45	NNW	3	c	29.70	+ 82	34	33	- 5	E	1	cf	0	45	34	0.01	
†Mullaghmore ...	29.51	46	NNW	8	cgm	29.65	+ 61	42	41	- 4	WSW	3	ogm	2	47	39	0.14	
Donaghadee ...	29.33	43	NNW	5	δ	29.65	+ 83	34	34	- 11	NNW	4	δ	2	47	33	0.01	
Parsonstown ...	29.67	45	NNW	7	δ	29.72	+ 144	43	41	- 3	SW	1	r	*	49	41	-	
Barrow-in-Furness	29.27	38	NW	4	δ	29.70	+ 83	36	35	- 1	NW	3	δ	4	43	35	0.30	
†Holyhead ...	29.40	46	W	7	cu	29.72	+ 70	42	40	- 5	NNW	2	o	1	47	?	0.01	
Liverpool (Bidston)	29.32	41	W	6	δ	29.71	+ 80	37	36	- 5	NNW	2	δ	1	44	36	0.16	
†Valentia ...	29.84	49	NNW	6	cmg	29.65	+ 11	43	42	- 4	ESE	4	rmg	4	32	41	0.37	
Roche's Point...	29.78	48	NNW	5	δ	29.73	+ 29	44	43	- 1	SSW	4	r	4	32	43	0.20	
Pembroke ...	29.52	48	W	8	c	29.75	+ 55	45	44	- 3	W	4	o	5	48	45	0.24	
†Scilly ...	29.50	50	NNW	10	c	29.87	+ 23	46	45	- 5	SW	4	r	6	61	45	0.17	
Prawle Point ...	29.65	47	W	6	c	29.85	+ 36	45	45	- 2	W	4	o	5	49	44	-	
Hurst Castle ...	29.48	47	NNW	8	c	29.79	+ 42	43	41	- 3	NW	2	c	5	49	43	-	
†Dover ...	29.52	47	W	5	c	29.65	+ 105	43	41	- 2	W	4	δ	3	50	42	-	
†London ...	29.33	47	W	7	c	29.69	+ 30	44	41	- 4	NNW	4	c	*	50	42	0.02	
Oxford ...	29.45	45	NW	6	o	29.72	+ 36	42	40	- 3	NNW	6	ogp	*	50	42	0.03	
Cambridge ...	29.74	46	W	3	o	29.66	+ 62	39	38	- 6	NW	1	δ	*	49	38	0.12	
†Yarmouth ...	29.16	45	NNW	4	or	29.52	+ 55	39	38	- 5	NNW	4	og	3	45	37	0.16	
The Helder ...																		
Cape Gris Nez	29.34	45	W	9	o	29.72	+ 48	43	41	- 3	W	7	o	5	48	41	0.08	
†Jersey ...	29.72	48	W	8	δgr	29.92	+ 28	47	46	- 2	W	5	cmg	5	50	45	0.04	
Brest ...	29.77	49	NW	8	o	30.00	+ 18	46	45	- 4	NW	5	r	5	52	46	0.04	
Lorient ...	29.91	48	NNW	8	δ	30.00	+ 18	47	44	- 1	NNW	7	o	6	50	45	0.04	
†Rochefort ...	29.98	50	NNW	9	c	30.02	+ 104	48	46	- 2	NNW	7	o	4	54	44	0.12	
Biarritz ...																		
Cornuna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.59	+ 31	43	42	- 3	W	4	o	*	48	41	0.32	
Charleville ...	29.47	42	NW	8	o	29.65	+ 18	42	39	+ 1	SSW	3	o	*	49	34	0.12	
Paris ...	29.63	47	WSW	8	o	29.53	+ 23	46	43	- 1	SW	7	o	*	*	*	0.08	
Lyons ...	29.48	45	W	4	o	29.91	- 03	40	39	+ 2	SW	4	o	*	52	36	0.08	
Toulon ...	29.96	51	W	7	δ	29.92	- 12	43	38	0	NW	8	δ	7	54	39	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.00	35	W	4	o	28.43	+ 75	32	32	- 2	NNW	4	o	*	38	31	0.15	

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

Hawes Junction	28.00	35	W	4	o	28.43	+ 75	32	32	- 2	NNW	4	o	*	38	31	0.15
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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 ...							Valentia ...	29.71	31	47	W	7	ogp	9
Sumburgh Head							Scilly ...	29.71	51	48	WNW	10	c	8
Stornoway ...							Dover ..	29.28	50	45	WSW	6	c	5
Aberdeen ...	28.97	38	37	NW	3	δ	London ...	29.27	30	45	W	6	c	*
Shields ...	28.99	42	39	NNW	1	c	Yarmouth ...	29.08	44	42	NNW	6	og	4
Ardrossan ...	29.07	43	42	NNW	4	δ	Jersey ...	29.67	49	46	W	8	c	7
Mullaghmore ...	29.39	46	45	W	9	og	Rochefort ...	30.01	53	49	NNW	9	m	7
Holyhead ...	29.18	47	44	W	10	og								

The depression noticed this morning has moved rather briskly eastward and now lies over the North Sea. Heavy gales will hold in the west and south, and the weather is cloudy and unsettled with rain in many places.

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 FEBRUARY.

1881.

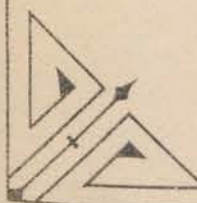
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116, Victoria St. LONDON.

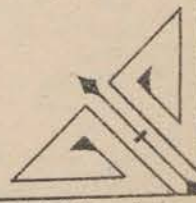
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ROBERT H. SCOTT

(SECRETARY.)



Fred^o Dingerfield, Lib^o 22 Bedford St Covent Garden.

WEATHER CHARTS

for 8 a.m. on Thursday 10th FEBRUARY.

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.

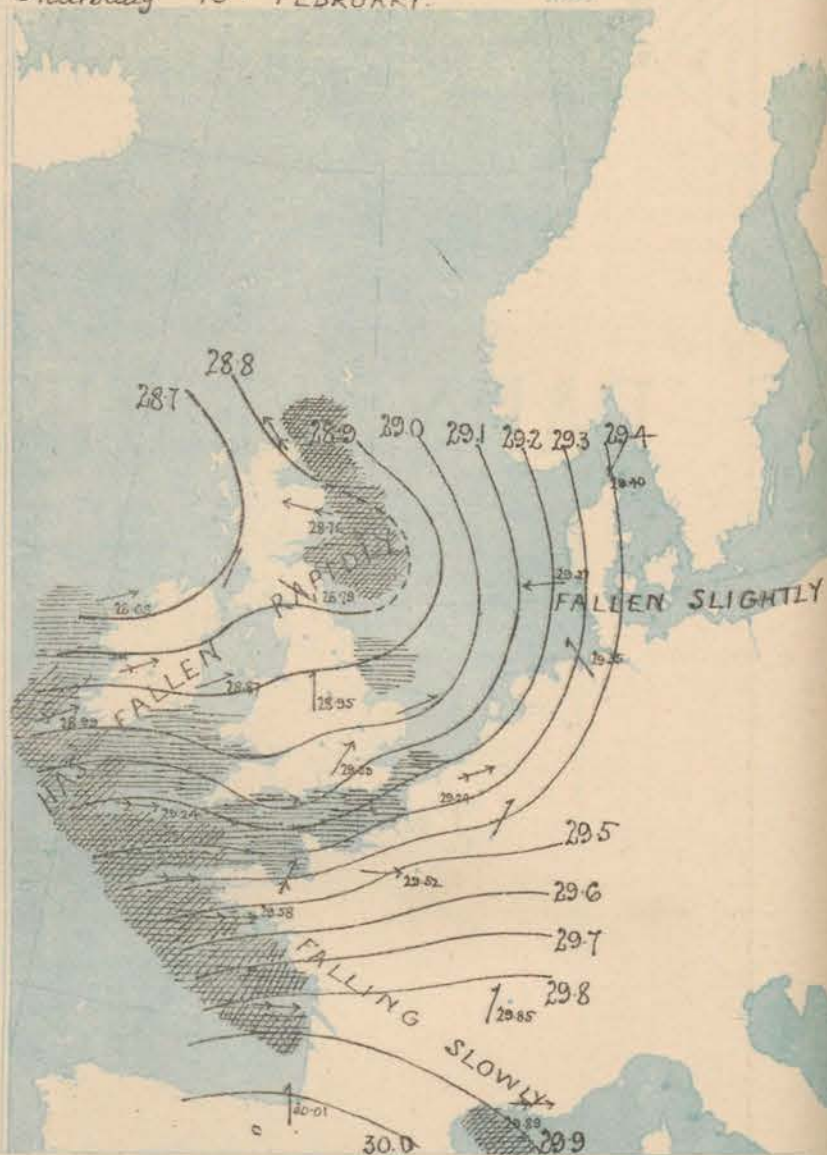
Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4.
 ⊙ - dead calm.

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

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

Stations	Mean Readings
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Drumson	29.851
Greencastle	29.847
Holyhead	29.889
Valentia	29.903
Koch's Pt.	29.922
Plymouth	29.903
LONDON	29.983
Yarmouth	29.974

* 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.

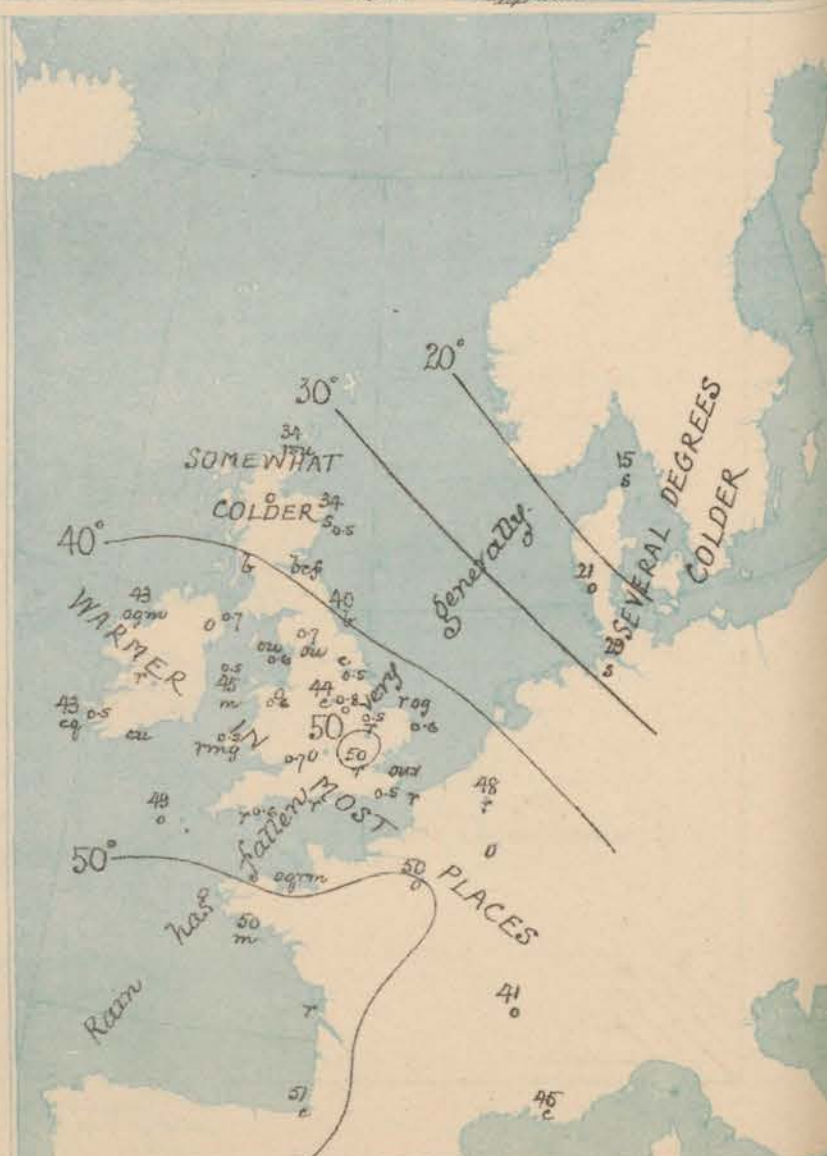
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.6 in. or more are quoted in figures.

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

Stations	Temp.	Rain-fall
Samthorpe Head	38.5	2.40
Sarnoway	39.4	4.31
Aberdeen	39.1	2.20
Sheldals	39.3	1.61
York	39.5	1.75
Mullaghmore	41.7	?
Holyhead	42.5	2.37
Portsmouth	42.0	1.05
Valentia	43.9	4.31
Sally (St. Mary's)	45.8	2.68
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.68
Farnmouth	39.5	2.05

* 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 THURSDAY, 10TH FEB^Y 1881, at 8 a.m.

In the course of the past night the centre of a deep depression has reached our north-west coasts from the Atlantic, causing the barometer to fall about an inch in that region, while it has fallen half an inch on our south-east coasts. A secondary disturbance has appeared at the mouth of the Firth of Forth and another (shallow one) over South Wales. Thus, while W^h and SW^h gales have set in over France and our south and south-west districts, SE^h gales are blowing in the north-east of Scotland, the wind at the more central stations being less severe at present. Temperature has risen with the SW^h and W^h winds, fallen with those from the E^h, so that London is now sixteen degrees warmer than Vainon. A good deal of rain has fallen over England and Ireland, and still continues in the south and south-east, while snow is falling in the north of Scotland. Lunar halos were seen in many places last night and lightning in others. The sea is very high in the far north, high in the south-west, rough elsewhere, except on our east coast.

FORECASTS

for the 24 hours ending at Noon
on the

11TH FEBRUARY.

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

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SE ^h and E ^h gales, much snow; followed by NE ^h winds. Cold.
2 SCOTLAND EAST	—
3 ENGLAND NE	SW ^h to W ^h winds, strong; a gale at times, with rain. Then NW ^h and finer.
4 ENGLAND EAST	—
5 MIDLAND COUNTIES	SW ^h to H ^h or NW ^h gales and strong winds; raining for several hours, then finer and colder.
6 ENGLAND SOUTH	—

6 SCOTLAND WEST	SW ^h to NW ^h winds, strong, to a strong gale; raining to fair.
7 ENGLAND NW	—
8 ENGLAND SW	W ^h to NW ^h winds, strong gale and squalls; showery.
9 IRELAND NORTH	—
10 IRELAND SOUTH	—
WARNINGS	The north core was hoisted in District 1 and the South core elsewhere yesterday.

METEOROLOGICAL OBSERVATIONS FOR 10TH FEBRUARY 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.			
			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.	Amount of Rainfall.	
Haparanda														*				
Hernösand														*				
Stockholm														*				
Wisby														*				
Bodö														*				
Christiansund																		
†Skudesnaes																		
Oxö (Xtiansund)																		
Skagen (The Skaw)	29.59	19	NNE	6	0	29.40	+ .01	15	15	—	9	NE	3	0	23	14	0.16	
Fanö	29.62	22	N	4	0	29.27	— .10	21	20	—	8	E	6	0	30	19	—	
Cuxhaven	29.59	30	NNW	3	0	29.35	— .04	24	24	—	4	SSE	3	5	?	27	—	
†Sumburgh Head																		
†Stornoway																		
Wick	29.54	35	ENE	7	0	28.87	— .80	34	34	—	2	SE	8	TSW	7	38	33	0.11
Nairn	29.30	33	E	1	0	28.76	— .92	39	38	—	2	E	4	0	2	35	31	0.09
†Aberdeen	29.52	35	NW	1	0	28.76	— .89	34	33	0	ESE	8	5	8	37	33	0.49	
Leith	29.52	35	SE	1	0	28.73	— .95	35	35	0	N	1	0	*	39	32	0.11	
†Shields	29.55	26	ENE	1	m	28.79	— .86	40	38	+ 3	WNW	3	0	3	40	32	0.46	
Spurn Head	29.61	37	SSE	4	C	28.90	— .65	42	41	+ 5	SSE	4	C	5	43	33	0.23	
York	29.60	38	SSE	1	0	28.89	— .79	41	40	+ 5	SW	1	C	*	41	32	0.52	
Nottingham	29.30	35	ENE	3	0	28.95	— .77	44	43	+ 6	SE	3	C	*	48	37	0.77	
†Ardrossan	29.59	40	SE	2	0	28.71	— .99	42	41	+ 8	SW	3	0	3	42	38	0.44	
†Mullaghmore	29.72	43	SE	7	T	28.68	— .97	43	41	+ 1	WSW	7	ogm	6	49	40	0.17	
Donaghadee	29.36	40	SSW	6	T	28.77	— .91	38	38	+ 4	SSW	4	0	2	46	34	0.66	
Parsonstown	29.30	50	WSW	4	T	28.88	— .84	40	39	— 3	WSW	8	T	*	52	39	1.06	
Barrow-in-Furness	29.49	38	SE	4	T	28.85	— .85	42	41	+ 6	SSW	4	ow	5	44	35	0.61	
†Holyhead	29.42	42	S	1	T	28.87	— .85	45	44	+ 3	WSW	4	m	3	47	41	0.45	
Liverpool (Bidston)	29.49	39	ESE	3	T	28.60	— .81	44	42	+ 7	WSW	4	0	1	49	37	0.59	
†Valentia	29.38	52	SW	7	0	28.99	— .66	43	41	0	WSW	8	CQ	7	53	39	0.54	
Roche's Point	29.47	46	WSW	5	0	29.02	— .71	42	40	— 2	W	5	CW	5	53	40	0.38	
Pembroke	29.43	46	WSW	5	T	28.96	— .79	45	45	0	WSW	6	mg	6	48	43	0.51	
†Scilly	29.46	51	WSW	8	0	29.24	— .63	49	47	+ 3	W	10	0	4	52	45	0.41	
Prawle Point	29.59	47	WSW	5	T	29.08	— .77	47	47	+ 2	SW	6	T	6	48	44	0.56	
Hurst Castle	29.61	42	SSE	1	T	29.06	— .73	47	46	+ 4	W	7	T	5	47	42	0.41	
†Dover	29.70	41	ENE	3	C	29.15	— .50	46	45	+ 3	WSW	6	ow	5	48	40	0.54	
†London	29.64	41	SSE	2	ogt	29.09	— .60	50	49	+ 6	SW	7	T	*	50	40	0.30	
Oxford	29.51	41	SSE	3	0	29.06	— .66	49	47	+ 7	SW	5	0	*	50	41	0.68	
Cambridge	29.63	40	S	1	0	29.01	— .65	50	48	+ 11	WSW	3	T	*	50	31	0.47	
†Yarmouth	29.67	36	N	1	0	28.99	— .53	45	45	+ 6	WSW	4	ogt	4	47	34	0.62	
†The Helder	29.65	33	NNE	1	C	29.06	— .36	33	32	— 4	SE	2	T	2	37	32	0.35	
Cape Gris Nez	29.71	39	ENE	3	0	29.20	— .52	46	46	+ 3	SW	9	T	6	46	36	0.24	
†Jersey	29.71	48	WSW	6	f	29.36	— .56	49	49	+ 2	SW	8	ogm	4	50	44	0.25	
Brest	29.72	38	WNW	9	0	29.35	— .45	51	48	+ 5	W	8	0	7	52	46	0.16	
Lorient	29.82	31	W	8	m	29.58	— .42	50	49	+ 3	W	9	m	7	53	43	0.12	
†Rochefort	29.97	51	W	7	T	29.86	— .16	51	50	+ 3	W	8	T	4	54	?	0.12	
Biarritz	30.17	54	W	8	0	30.01	— .23	51	47	— 2	S	4	C	5	55	46	0.04	
Corunna	*	*	*	*	*			*	*						*	*	*	
Brussels	*	*	*	*	*	29.24	— .35	48	48	+ 5	WSW	8	T	*	43	37	0.32	
Charleville	29.74	36	W	3	0	29.41	— .24	48	?	+ 6	SW	3	0	*	50	3	0.38	
Paris	29.82	47	WNW	7	0	29.52	— .31	50	48	+ 4	W	7	0	*	*	*	0.16	
Lyons	29.97	43	NN	1	T	29.85	— .16	41	39	+ 1	SW	1	0	*	46	38	0.35	
Toulon	29.90	48	NW	9	0	29.89	— .03	45	43	+ 2	W	8	C	7	52	43	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.30	33	E	3	0	27.64	— .79	39	39	+ 7	WSW	6	ow	*	41	31	0.73	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.60	30	25	NNE	2	b	2	Valentia ...	29.52	52	51	WSW	6	mg	6
Sumburgh Head								Scilly ...	29.71	52	52	WSW	8	0	6
Stornoway ...								Dover ..	29.73	43	40	NN	3	bc	1
Aberdeen ...	29.62	37	35	NNW	2	c	4	London ...	29.71	45	41	WNW	1	bm	*
Shields ...	29.65	39	37	NNW	2	0	4	Yarmouth ...	29.69	38	36	NNW	3	c	3
Ardrossan ...							4	Jersey ...	29.82	45	45	SW	4	f	4
Mullaghmore ...	29.47	43	42	SE	5	otg	4	Rochefort ...	30.07	49	48	WNW	5	f	2
Holyhead ...	29.61	44	43	S	2	m	1								

A well marked depression is coming towards Ireland from the NW, and the wind is increasing from WSW on our south-west coast. Our W. and SW. coasts have been warned.

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

FRIDAY, 11TH FEBRUARY.

1881.

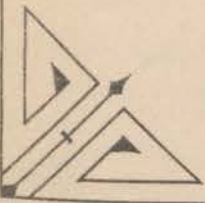
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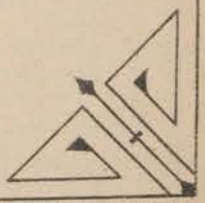
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ROBERT H. SCOTT
(SECRETARY.)



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

WEATHER CHARTS

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

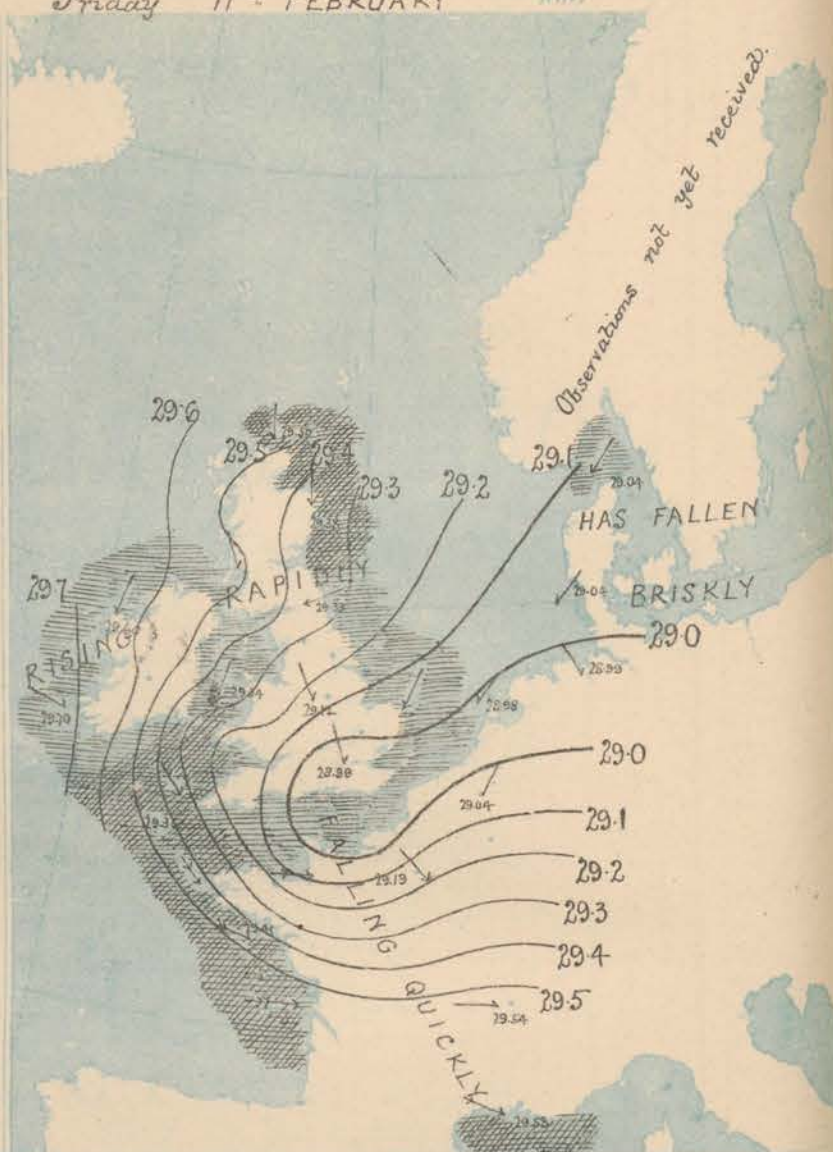
Wind. Arrows show the prevalent winds.
They fly with the wind and their barbs and feathers refer to force, thus:
— forces above 10; — forces 8 to 10;
— forces 5 to 7; — forces 1 to 4;
○ dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of February

Stations.	Mean Readings
Nairn	29.774
Aberdeen	29.799
Leith	29.844
Scarborough	29.908
Ardrrossan	29.851
Greencastle	29.847
Holyhead	29.889
Valentia	29.903
Kesh's Pt.	29.972
Plymouth	29.961
LONDON	29.983
Vermouth	29.974

* 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.

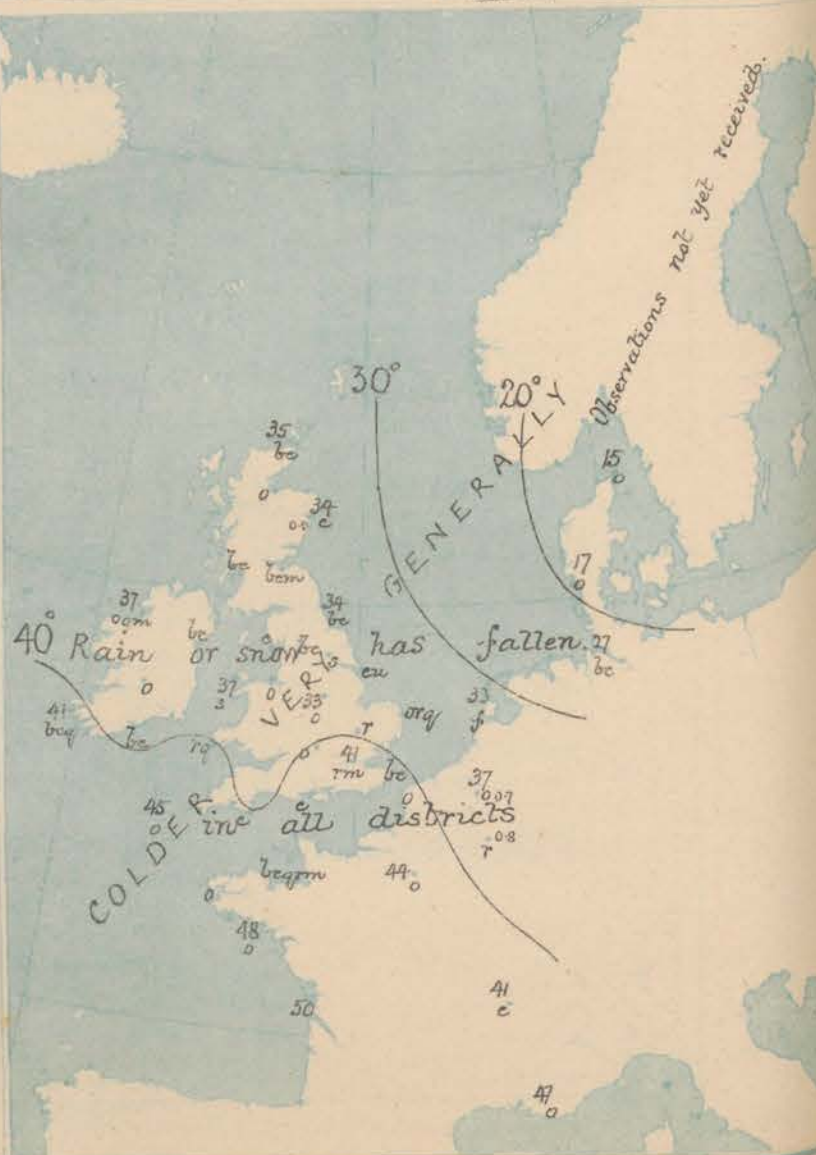
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of February

Stations	Temp	Rain-fall
Swanburgh Head	38.5	2.40
Sternway	39.4	4.31
Aberdeen	39.1	2.20
Shutts	39.7	1.67
York	39.7	1.75
Mulloughmore	41.7	?
Holyhead	42.5	3.37
Parsonstown	42.0	1.08
Valentia	43.9	4.31
Sally (St Mary's)	45.8	2.68
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Vermouth	39.5	3.05

* 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, 11TH FEBRUARY 1881. at 8 a.m.

In the course of the past night the depression, whose centre lay off the west of Scotland yesterday, has moved quickly to the SE², and is now found over Surrey, Sussex and Hampshire. Owing to an unusually rapid increase of pressure in its rear steep gradients have been formed - for N^W winds over our western and north western districts, and for NE⁴ winds in the east. The wind has consequently shifted to NE on our north east coasts and blows strongly, to N. in the west, and to NW on the south-west coasts; in the last-named districts it blows with the force of a very severe gale. Temperature has fallen generally as the N^W and NE⁴ winds have set in and the air is raw and unpleasant. In many places the sky has cleared considerably, but in others showers of snow and cold rain are reported and seem likely to be felt pretty generally during the day. Rain and snow have fallen everywhere during the past day - heavily in the east of Scotland. A very high sea is running both on our northern and south western coasts as well as over the Bay of Biscay; in other places the sea is rough.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

12TH FEBRUARY.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	NE ⁴ and N ^W winds, varying in force; some snow showers. Night very cold.
2 SCOTLAND EAST	— 31° — 31° — 31° —
3 ENGLAND NE	NE ⁴ winds, a gale to a fresh breeze; showers of cold rain or snow.
4 ENGLAND EAST	— 31° — 31° — 31° —
5 MIDLAND COUNTIES	N ^W to NE ⁴ winds, strong; squalls of cold rain or snow.
6 ENGLAND SOUTH	— 31° — 31° — 31° —

DISTRICTS

FORECASTS

6 SCOTLAND WEST	N ^W winds, strong; squally with cold showers.
7 ENGLAND N.W.	— 31° — 31° — 31° —
8 ENGLAND S.W.	N ^W gales, moderating gradually; squally, cold showers, then fair.
9 IRELAND NORTH	N ^W winds, probably backing to NW. Strong; squally, fair on the whole.
10 IRELAND SOUTH	— 31° — 31° — 31° —
WARNINGS	The signals are still up on all our coasts.

METEOROLOGICAL OBSERVATIONS FOR 11TH FEBRUARY 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 ...														*					
Hernösand ...														*					
Stockholm ...														*					
Wisby ...														*					
Bodö ...														*					
Christiansund...																			
†Skudesnaes ...																			
Oxö (Xtiansund)...																			
Skagen (The Skaw)	29.02	44	ENE	9	S	29.04	- .36	15	12	0	NE	7	0	6	16	14	0.32		
Fanö ...	28.73	24	ENE	6	S	29.04	- .23	17	16	- 4	NE	4	0	*	25	16	0.20		
Cuxhaven ...	28.82	37	WSW	4	T	28.99	- .36	27	27	- 2	NNW	2	6	*	?	25	0.16		
†Sumburgh Head																			
†Stornoway ...																			
Wick ...	29.02	31	E	9	TS	29.30	+ .63	35	35	+ 1	N	4	6	6	36	30	0.10		
Nairn ...	28.90	29	E	6	S	29.48	+ .72	35	34	+ 2	E	5	0	4	35	29	0.10		
†Aberdeen ...	28.88	32	ENE	7	S	29.38	+ .62	34	33	0	N	6	C	7	36	29	0.90		
Leith ...	28.69	37	E	1	T	29.41	+ .68	32	31	- 3	NNW	1	bc	*	48	31	0.33		
†Shields ...	28.92	40	NNW	1	0	29.83	+ .34	34	33	- 6	ENE	5	bc	5	43	32	0.13		
Spurn Head ...	28.79	38	NNW	4	0	29.46	+ .26	34	32	- 8	NE	7	cu	6	44	32	0.28		
York ...	28.78	37	NNW	1	C	29.28	+ .39	33	33	- 8	N	1	S	*	43	31	0.34		
Nottingham ...	28.87	40	SSW	3	0	29.12	+ .17	33	32	- 11	NNW	2	0	*	47	32	0.22		
†Ardrossan ...	28.62	42	SE	1	bc	29.30	+ .79	32	32	- 10	NNW	1	bc	1	43	30	0.10		
†Mullaghmore ...	28.48	44	W	9	rgw	29.60	+ .92	37	35	- 6	NNE	6	ogm	6	45	35	0.26		
Donaghadee ...	28.26	41	WSW	4	T	29.46	+ .69	36	35	- 2	NE	7	bc	5	45	35	0.25		
Parsonstown ...	28.76	42	WSW	9	C	29.60	+ .72	34	32	- 6	N	6	0	*	46	33	0.17		
Barrow-in-Furness	28.69	40	SW	4	0	29.28	+ .43	34	32	- 8	NNE	3	C	5	43	33	0.20		
†Holyhead ...	28.74	43	WSW	6	C	29.34	+ .47	37	35	- 8	NNE	7	sc	5	46	36	0.18		
Liverpool (Bidston)	28.76	41	SW	4	0	29.26	+ .36	34	32	- 10	NE	5	0	2	45	34	0.27		
†Valentia ...	28.99	44	W	7	cgr	29.70	+ .71	41	38	- 2	NNW	6	bcg	6	49	31	0.15		
Roche's Point...	28.93	44	NNW	6	C	29.54	+ .82	39	36	- 3	N	6	bc	5	48	37	0.25		
Pembroke ...	28.82	45	WSW	10	T	29.15	+ .19	40	39	- 5	NNW	7	rg	7	46	37	0.27		
†Scilly ...	29.20	48	W	10	C	29.36	+ .12	45	44	- 4	NT	11	0	8	49	38	0.24		
Prawle Point ...	29.13	43	WSW	6	0	29.13	+ .05	40	40	- 7	NNW	7	C	6	47	39	0.26		
Hurst Castle ...	29.06	42	NNW	4	b	28.96	- .10	41	40	- 6	NNE	3	e	6	47	40	0.19		
†Dover ...	29.00	42	W	6	b	28.96	- .19	42	41	- 4	W	3	bc	3	47	40	0.16		
†London ...	28.47	44	WSW	6	cg	28.99	- .10	41	40	- 9	NNW	2	mm	*	50	40	0.14		
Oxford ...	28.93	42	WSW	4	0	29.03	- .03	40	39	- 9	N	4	0	*	49	40	0.30		
Cambridge ...	28.90	41	WSW	3	bc	29.01	- .00	38	38	- 12	N	1	T	*	50	37	0.22		
†Yarmouth ...	28.83	42	W	6	cg	29.05	+ .06	35	34	- 10	NE	5	org	5	48	34	0.30		
The Helder ...	29.75	37	W	7	T	28.98	- .08	38	37	0	NE	3	f	2	43	32	0.67		
Cape Gris Nez	29.03	44	W	9	m	28.99	- .21	44	42	- 2	W	5	0	5	50	39	0.28		
†Jersey ...	29.05	44	W	8	cgr	29.06	- .30	46	43	- 3	W	9	bcgr	7	50	40	0.22		
Brest ...	29.42	48	NNW	8	C	29.41	- .14	48	47	- 3	NNW	8	0	8	52	39	0.12		
Lorient ...	29.44	45	NNW	9	C	29.41	- .17	48	43	- 2	NNW	11	0	8	52	43	0.20		
†Rochefort ...	29.62	50	W	9	T	29.58	- .28	50	46	- 1	W	11	C	7	?	39	0.12		
Biarritz ...																			
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	29.04	- .20	37	36	- 11	SW	4	0	*	50	36	0.67		
Charleville ...	29.24	45	SW	5	0	29.44	- .27	39	37	- 9	S	3	T	*	52	36	0.83		
Paris ...	29.30	48	W	8	0	29.19	- .33	44	41	- 6	NN	7	0	*	*	*	0.12		
Lyons ...	29.64	49	NE	4	0	29.34	- .31	41	37	0	W	1	C	*	51	39	0.04		
Toulon ...	29.84	49	W	8	C	29.58	- .31	47	43	+ 2	NNW	9	0	7	54	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	27.51	36	WSW	6	T	28.02	+ .38	27	26	- 12	ENE	7	bc	*	39	26	0.40		

HIGH LEVEL STATION.

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

Hawes Junction	27.51	36	WSW	6	T		28.02	+ .38	27	26	- 12	ENE	7	bc	*	39	26	0.40
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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 ...							Valentia ...	28.98	48	44	WSW	7	emp	7
Sumburgh Head							Scilly ...	29.23	45	43	W	10	og	3
Stornoway ...							Dover ..	28.98	44	43	W	5	bcg	5
Aberdeen ...	28.75	33	33	E	S	8	London ...	28.96	47	43	SW	5	cgr	*
Shields ...	28.69	42	39	WSW	1	0	Yarmouth ...	28.79	48	45	WSW	6	cg	4
Ardrossan ...	28.60	42	44	SW	3	0	Jersey ...	29.31	48	45	WSW	8	c	7
Mullaghmore ...	28.53	44	42	WSW	8	og	Rochefort ...	29.70	53	51	WSW	9	0	7
Holyhead ...	28.80	44	42	SW	6	c								

Pressure still decreases everywhere, with exceedingly rough unsettled weather. Showers of rain with W^{ly} gales are reported in the S., and of snow with SE^{ly} gales in the N.

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 FEBRUARY.

1881.

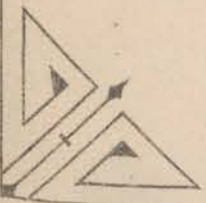
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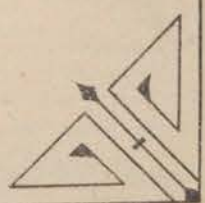
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ROBERT H. SCOTT

(SECRETARY.)



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

WEATHER CHARTS

for 8 a.m. on SATURDAY 12TH FEBRUARY. 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.

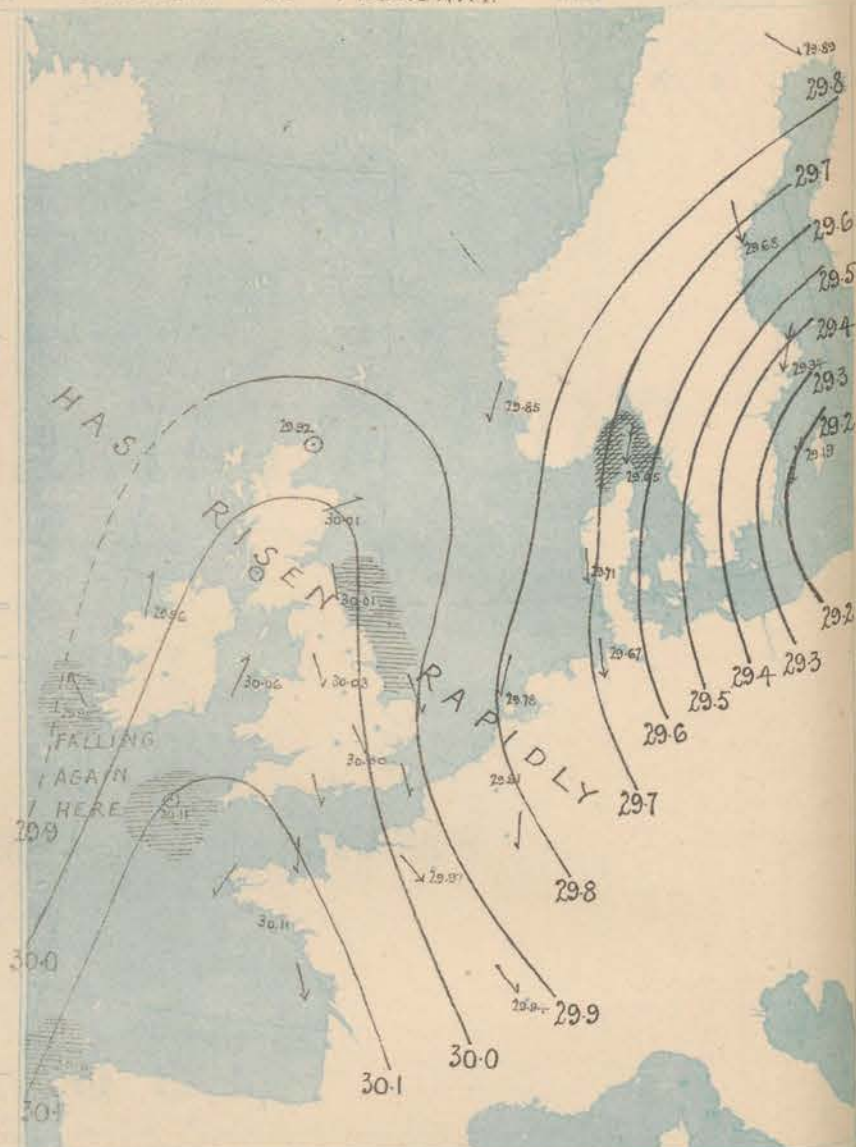
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of February.

Stations.	Mean Readings in.
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenock	29.897
Holyhead	29.889
Valentia	29.903
Roche's Pt.	29.922
Plymouth	29.993
LONDON	29.983
Vermouth	29.974

* 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 February.

Stations	Temp	Rain-fall
Sundburgh Head	32.5	2.90
Stornoway	39.4	4.31
Aberdeen	39.1	2.20
Stirling	39.3	1.61
York	39.7	1.75
Mullaghmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valentia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.0	?
Dover	41.0	1.75
LONDON	41.2	1.58
Vermouth	39.5	2.05

* 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 SATURDAY, 12th FEB^r 1881, at 8 a.m.

The depressions noticed yesterday have passed entirely away from our neighbourhood, the barometer has risen very rapidly in the east and south east (more than an inch in London) and cold dry N^h and NW breezes have set in on all our eastern coasts.

Pressure is now highest over the Bay of Biscay, whence an arm of high readings extends N^h over the United Kingdom, but on the western side of this arm there are again indications of the approach of further disturbance from the Atlantic. The wind has backed quickly to the S^h at almost all the western stations, and to SE at Valentia, at which station also the barometer has begun to fall briskly, the wind to freshen, with a rise of temperature, rain and a rough sea.

There is evidently a new depression approaching our western coasts, and although it is not yet near enough for its depth, size or movements to be accurately forecast, it is evident that the appearance threatens a return of strong winds or gales and rain or sleet.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

13th FEBRUARY

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Winds becoming S ^h and SE ^h again, and increasing in force; fine at first, then snow.
2 SCOTLAND EAST	.....
3 ENGLAND NE	NW ^h to N ^h and S ^h winds, light and fine at first; then increasing, with cold rain or sleet.
4 ENGLAND EAST	.....
5 MIDLAND COUNTIES	.....
6 ENGLAND SOUTH	.....

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SE ^h and S ^h winds, increasing in force, with cold rain or snow.
7 ENGLAND NW	S ^h to SW ^h or W ^h winds, increasing in force. Fine at first, then rainy and squally.
8 ENGLAND SW	.....
9 IRELAND NORTH	S ^h winds, strong to a gale and veering W ^h ; rainy, squally, unsettled.
10 IRELAND SOUTH	.....
WARNINGS	The South Cone has been hoisted in District 10.

METEOROLOGICAL OBSERVATIONS FOR 12TH FEBRUARY 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 ...	29.67	-19	N	4	b	29.89		-5	-5		NW	4	c	*	-4	-20	-		
Hernösand ...	29.53	11	N	6	c	29.68		10	9		N	6	c	*	2	1	-		
Stockholm ...	29.05	11	N	9	s	29.24		16	15		NNE	9	s	*	16	9	0.12		
Wisby ...	28.86	25	N	6	s	29.19		21	21		NNE	8	s	*	36	14	0.28		
Bodö ...																			
Christiansund...																			
†Skudesnaes ...	29.52	24	NNW	2	b	29.85		19	18		NNE	2	b	2	30	?	-		
Oxö (Christiansund)...																			
Skagen (The Skaw)	29.36	22	NNE	8	c	29.65	+ 41	21	?	+ 6	NNE	8	b	8	?	?	0.16		
Fanö ...	29.40	22	N	6	c	29.71	+ 67	23	22	+ 6	N	4	c	*	?	16	-		
Cuxhaven ...	29.27	24	N	5	b	29.67	+ 68	25	25	- 2	N	6	b	*	27	21	-		
†Sumburgh Head																			
†Stornoway																			
Wick ...	29.77	34	N	3	b	29.92	+ 42	33	32	- 2	Z	0	b	2	39	30	0.02		
Nairn ...	29.82	34	E	2	b	29.97	+ 49	25	25	- 10	Z	0	b	3	35	25	-		
†Aberdeen ...	29.71	33	N	5	b	30.01	+ 63	23	22	- 11	WSW	1	b	4	35	22	0.07		
Leith ...	29.78	35	N	2	b	30.04	+ 63	27	26	- 5	N	1	b	*	40	25	-		
†Shields ...	29.68	34	N	6	b	30.01	+ 68	32	32	- 1	NNW	5	c	5	37	29	0.12		
Spurn Head	29.56	33	NNW	6	c	29.93	+ 77	32	32	- 1	NW	5	c	5	37	30	0.10		
York ...	29.64	35	NNW	5	b	30.02	+ 74	32	32	0	N	3	b	*	41	30	-		
Nottingham ...	29.71	35	NNW	2	b	30.03	+ 85	32	32	- 1	NNW	1	c	*	37	29	-		
†Ardrossan ...	29.82	36	NNW	2	b	30.08	+ 53	27	27	- 5	E	1	b	1	40	21	-		
†Mullaghmore ...	29.92	40	NW	4	b	29.96	+ 36	37	35	0	S	3	b	2	45	35	-		
Donaghadee ...	29.84	40	NNW	5	b	30.03	+ 57	30	30	- 6	WSW	4	b	2	42	25	-		
Parsonstown ...	29.98	36	Z	0	b	30.05	+ 45	29	28	- 5	SSE	1	b	*	43	27	-		
Barrow-in-Furness	29.74	37	N	4	b	30.05	+ 77	30	28	- 4	N	2	b	3	42	29	-		
†Holyhead ...	29.83	41	N	6	b	30.06	+ 72	32	32	- 4	SSW	2	b	1	40	32	0.01		
Liverpool (Bidston)	29.77	37	NW	5	b	30.08	+ 82	32	31	- 1	NW	1	b	1	38	22	-		
†Valentia ...	29.03	40	Z	0	b	29.95	+ 25	44	42	+ 3	SE	5	c	5	47	33	0.07		
Roche's Point...	29.88	39	N	5	b	30.05	+ 51	40	37	+ 1	SSW	4	b	4	43	32	-		
Pembroke ...	29.84	39	NNW	4	b	30.07	+ 92	38	35	- 2	NNW	2	b	2	41	35	-		
†Scilly ...	29.91	42	N	8	c	30.11	+ 75	40	38	- 5	Z	0	b	5	45	38	0.02		
Prawle Point ...	29.88	34	NNW	3	c	30.09	+ 96	32	31	- 8	NW	2	c	3	41	32	-		
Hurst Castle ...	29.74	36	NNE	4	b	30.06	+ 110	30	29	- 11	NNW	3	b	4	44	30	-		
†Dover ...	29.57	35	NNE	5	b	29.93	+ 97	32	32	- 9	NNW	3	b	1	43	31	0.03		
†London ...	29.66	35	N	6	c	30.00	+ 101	29	29	- 9	NW	3	b	*	42	32	0.01		
Oxford ...	29.75	36	N	4	c	30.06	+ 103	31	29	- 9	NNW	1	b	*	40	31	0.01		
Cambridge ...	29.62	35	N	2	b	29.97	+ 96	32	31	- 6	NW	2	c	*	39	29	-		
†Yarmouth ...	29.50	34	NW	3	b	29.88	+ 83	32	32	- 2	NNW	3	c	4	35	30	0.11		
The Helder ...	29.46	32	N	2	c	29.78	+ 80	31	31	- 2	NNE	2	c	1	34	30	0.16		
Cape Gris Nez ...	29.60	36	N	8	c	?	?	34	32	- 10	NNW	8	c	6	42	34	-		
†Jersey ...	29.76	39	NNW	6	c	30.11	+ 105	40	36	- 6	N	4	b	4	47	37	0.06		
Brest ...	29.89	39	N	5	c	30.16	+ 75	40	37	- 8	NE	1	c	2	32	26	0.08		
†Lorient ...	30.02	41	NW	8	c	30.11	+ 70	40	37	- 8	NNW	4	b	5	48	36	0.04		
†Rochefort ...	29.74	47	NNW	11	c	30.14	+ 56	41	36	- 9	NNW	5	b	2	52	36	-		
Biarritz ...																			
Corunna ...	*	*	*	*	*	30.14	- 03	32	*	0	?	4	c	5	*	*	*		
Brussels ...	*	*	*	*	*	29.81	+ 77	31	31	- 6	NNW	3	c	*	43	30	0.02		
Charleville ...	29.30	38	SW	1	c	29.79	+ 65	31	30	- 8	N	3	c	*	44	27	0.04		
Paris ...	29.53	39	NNW	7	c	29.97	+ 78	36	34	- 8	NW	5	b	*	*	*	0.08		
Lyons ...	29.46	42	N	5	b	29.94	+ 40	31	28	- 10	NW	1	c	*	46	30	0.08		
†Toulon ...	29.63	44	NW	9	c	29.62	+ 24	36	31	- 11	NW	11	b	8	50	36	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.45	34	NW	4	c	28.77	+ 75	24	23	- 3	E	1	b	*	22	21	-		

HIGH LEVEL STATION.

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

Hawes Junction	28.45	34	NW	4	c	28.77	+ 75	24	23	- 3	E	1	b	*	22	21	-		
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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 ...							Valentia ...	29.92	43	39	N	3	b	4
Sumburgh Head							Scilly ...	29.73	42	40	NNW	9	ohg	8
Stornoway ...							Dover ..	29.23	36	34	NNE	6	orsap	3
Aberdeen ...	29.88	35	34	N	6	cehp	London ...	29.42	37	33	NNE	7	osp	*
Shields ...	29.80	36	35	NNE	6	c	Yarmouth ...	29.35	34	30	N	5	cgsp	5
Ardrossan ...	29.70	40	32	NNW	3	b	Jersey ...	29.51	41	39	N	5	o	7
Mullaghmore ...	29.88	44	40	N	5	b	Rochefort ...	29.62	57	46	NNW	12	o	8
Holyhead...	29.68	40	36	N	7	b								

Pressure is decreasing everywhere, and the disturbance is passing away SE. The wind has shifted to the NW on all coasts, though the gales have subsided except at Scilly. Snow showers are reported from the E. and S.

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; 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 5 p.m.

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

† Received too late for insertion in Chart.



DAILY WEATHER REPORT

FOR

SUNDAY, 13TH FEBRUARY.

1881.

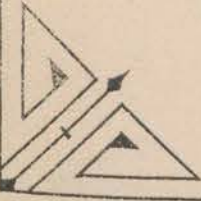
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ROBERT H. SCOTT
(SECRETARY.)



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

WEATHER CHARTS

for 8 a.m. on Sunday 13th FEBRUARY, 1887

BAROMETER, WIND & SEA

Explanation of Map.

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

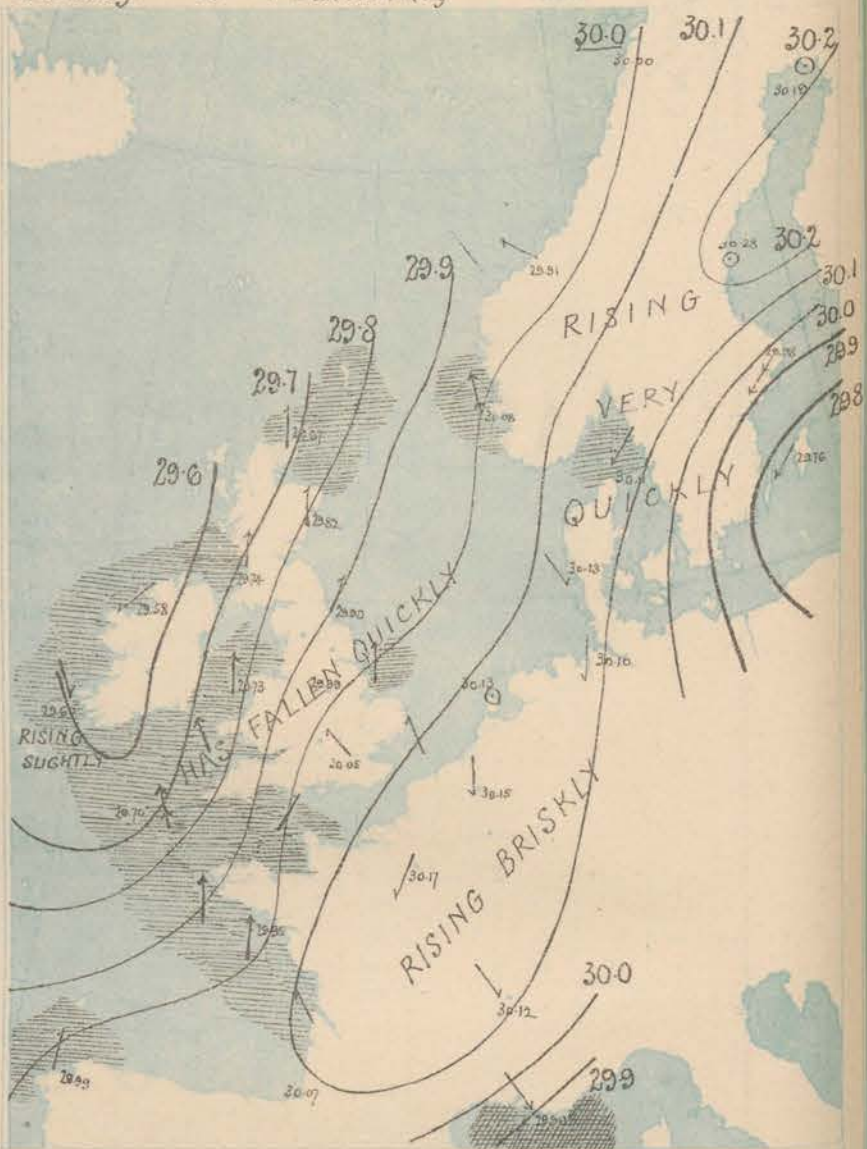
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
— forces above 10; — forces 8 to 10;
— forces 5 to 7; — forces 1 to 4.
⊙ dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of February.

Stations.	Mean Readings.
Nairn	29.774
Aberdeen	29.799
Leith	29.844
Scarborough	29.908
Ardrossan	29.854
Greenock	29.842
Holyhead	29.889
Valencia	29.903
Roche's Pt.	29.922
Plymouth	29.983
LONDON	29.983
Yarmouth	29.974

* 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.

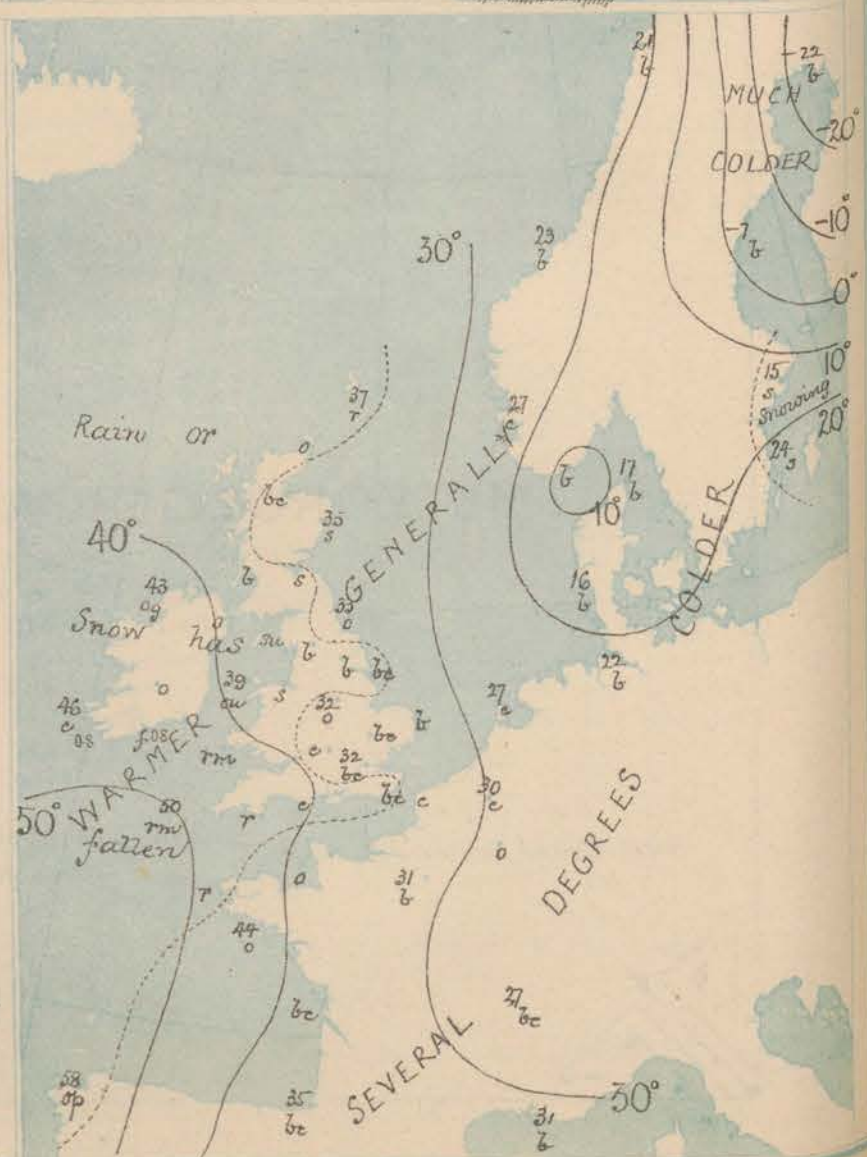
Explanation of Map.

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 February.

Stations	Temp.	Rain-fall
Sandwich Head	38.5	2.80
Stornoway	39.4	4.31
Aberdeen	39.1	2.20
Shetland	39.3	4.61
York	39.7	1.75
Mullaghmore	41.7	?
Holyhead	42.5	2.37
Portsmouth	42.0	1.08
Valencia	43.9	4.31
Sally (St. Mary's)	45.8	2.06
Thurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Yarmouth	39.6	2.05

* 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 FEBRUARY, 1881, at 8 a.m.

In the course of the past twenty-four hours some depressions of considerable extent have passed in an almost due N⁵ direction along the west coasts of Ireland and Scotland, and the barometer has fallen at all but our extreme south eastern stations, while the wind has shifted to the S⁵ over the whole Kingdom. The centre of a small (and probably secondary) disturbance is at present found over the south of Ireland, and the winds at most of the western stations are blowing a moderate or fresh gale from S, but at Valentia, to the rear of the system a light NNW breeze is prevailing, while at Mullaghmore to the northward of the centre a NE⁴ air is reported. Temperature has risen several degrees in our Islands, but fallen on the Continent, the change in the Gulf of Bothnia being as much as seventeen degrees in the twenty-four hours. Readings over the United Kingdom now range from 50° at Scilly and 46° in the south of Ireland to 35° at Aberdeen, 32° in London and at Nottingham and 30° at Cambridge. The maxima yesterday were below 40° in the north and east, but exceeded 45° in the south west. The weather continues fine in the SE of England, but cloud and rain are reported from the W, and snow from Scotland. The sea is rather rough in the west and extreme north, as well as at Spurn H², slight 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

NONE ISSUED

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

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 13th FEBRUARY 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.	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	-9	N	2	0	b	29.19	+ .30	-22	-22	- 17	Z	0	0	b	*	16	-22	-
Hernösand	29.09	7	N	4	0	b	29.28	+ .60	-7	-8	- 17	Z	0	0	b	*	16	?	-
Stockholm	29.75	16	NNE	8	5	s	29.98	+ .64	15	14	- 1	NNE	8	5	s	*	18	10	0.04
Wisby	29.56	24	NNE	6	5	s	29.76	+ .57	24	23	+ 3	NE	6	5	s	*	27	18	0.12
Bodö	29.98	14	ENE	4	0	b	30.00		21	19		E	4	0	b	3	?	9	-
Christiansund	29.96	23	ESE	3	0	b	29.91		23	21		ESE	1	0	b	2	23	10	-
†Skudesnaes	30.02	23	Z	0	0	b	30.08	+ .20	27	24	+ 8	SSE	8	5	c	5	28	19	-
Oxö (Christiansund)	30.00	20	NNW	2	0	b	?		7	6		NNW	4	0	b	2	27	7	-
Skagen (The Skaw)	29.97	22	NE	6	0	b	30.11	+ .44	17	14	- 4	NE	5	0	b	5	23	12	-
Fanö	30.02	17	NNW	4	0	b	30.13	+ .42	16	13	- 3	NNW	4	0	b	*	28	14	-
Cuxhaven	29.92	25	N	3	0	b	30.10	+ .43	22	22	- 3	N	3	0	b	*	25	21	-
†Sumburgh Head	29.83	30	S	4	0	b	29.66		37	36		ENE	7	5	c	6	29	25	0.02
†Stornoway																			
Wick	29.81	35	S	4	0	b	29.67	- .25	37	37	+ 4	S	5	0	b	5	37	25	0.07
Nairn	29.80	30	WSW	3	0	b	29.66	- .31	39	37	+ 14	WSW	4	0	b	3	39	25	-
†Aberdeen	29.93	30	SSW	3	0	c	29.82	- .19	35	33	+ 12	S	3	0	b	3	36	22	-
Leith	29.93	32	W	1	0	b	29.80	- .24	36	33	+ 9	SSW	1	0	b	*	44	25	-
†Shields	30.02	35	NNW	1	0	m	29.90	- .11	33	33	0	SSW	3	0	b	3	36	33	-
Spurn Head	30.00	35	NTW	4	0	b	30.01	+ .08	33	32	0	S	4	0	b	5	38	32	0.05
York	30.08	35	ENE	1	0	b	29.97	- .05	33	31	0	SSE	1	0	b	*	40	30	-
Nottingham	30.06	33	NNW	2	0	b	29.99	- .04	32	32	0	? ENE	3	0	b	*	40	28	-
†Ardrossan	29.92	37	S	3	0	b	29.74	- .29	38	37	+ 11	S	5	0	b	*	40	27	0.35
†Mullaghmore	29.68	41	SSE	8	0	r	29.58	- .38	43	43	+ 6	NE	1	0	b	2	44	37	0.24
Donaghadee	29.86	40	S	6	0	b	29.69	- .34	40	39	+ 10	SSW	7	0	b	5	42	29	0.26
Parsonstown	29.79	41	S	5	0	b	29.60	- .45	45	45	+ 16	SSW	1	0	b	*	46	28	0.02
Barrow-in-Furness	29.03	34	E	2	0	b	29.85	- .20	35	33	+ 5	ESE	5	0	b	4	42	29	-
†Holyhead	29.97	38	S	3	0	b	29.73	- .33	39	38	+ 6	S	7	0	b	5	40	33	0.04
Liverpool (Bidston)	30.03	35	SSE	2	0	b	29.85	- .23	35	33	+ 2	SE	4	0	b	1	39	33	-
†Valentia	29.65	45	SE	8	0	r	29.60	- .35	46	45	+ 2	NNW	2	0	b	2	50	42	0.80
Roche's Point	29.81	45	S	7	0	b	29.58	- .47	46	46	+ 6	S	3	0	b	5	48	39	0.76
Pembroke	29.96	44	SSE	4	0	b	29.73	- .34	42	41	+ 4	SE	5	0	b	5	44	36	0.11
†Scilly	29.97	46	SSE	7	0	b	29.70	- .41	50	50	+ 10	SSE	8	0	b	6	50	38	0.21
Prawle Point	30.07	39	SSE	2	0	b	29.90	- .19	41	40	+ 9	SSE	5	0	b	5	48	35	-
Hurst Castle	30.10	36	NE	1	0	b	30.02	- .04	39	35	+ 9	SW	4	0	b	3	42	30	-
†Dover	30.06	35	N	3	0	b	30.09	+ .16	37	35	+ 4	S	3	0	b	2	38	29	0.01
†London	30.08	38	NTW	3	0	b	30.05	+ .05	32	31	0	SE	3	0	b	*	41	27	-
Oxford	30.09	33	NW	1	0	b	30.03	- .03	34	33	+ 3	? SE	2	0	b	*	42	31	-
Cambridge	30.04	34	N	1	0	b	30.05	+ .08	30	29	- 2	SE	1	0	b	*	41	28	-
†Yarmouth	30.03	36	NNE	2	0	b	30.07	+ .19	34	32	+ 1	SSE	2	0	b	2	37	30	-
The Helder	30.04	31	NNE	1	0	b	30.13	+ .35	27	26	- 4	NE	1	0	b	*	?	27	-
Cape Gris Nez	30.06	37	N	5	0	b	30.11	?	32	31	- 2	SSE	2	0	b	4	41	36	-
†Jersey	30.15	37	N	1	0	b	30.05	- .06	38	35	- 2	S	5	0	b	5	42	34	-
Brest	30.08	44	S	4	0	b	29.87	- .29	46	46	+ 6	S	7	0	b	5	50	36	-
Lorient	30.10	41	YY	4	0	b	29.95	- .16	44	44	+ 4	S	7	0	b	5	48	37	-
†Rochefort	30.14	45	NNW	7	0	b	29.07	+ .03	37	34	- 4	SE	5	0	b	2	50	32	-
Biarritz	30.16	46	NE	1	0	b	30.07	- .08	35	30	- 8	? SE	4	0	b	4	52	30	-
Cornuna	*	*	*	*	*	*	29.99	- .15	38	38	+ 6	S	1	0	b	*	*	*	*
Brussels	*	*	*	*	*	*	30.15	+ .34	30	30	- 1	N	1	0	b	*	37	30	-
Charleville	29.99	35	SW	4	0	b	30.13	+ .34	25	24	- 6	SE	1	0	b	*	36	20	-
Paris	30.06	36	N	5	0	b	30.17	+ .20	34	30	- 5	NNE	4	0	b	*	*	*	-
Lyons	29.98	30	NNW	1	0	b	30.12	+ .18	27	26	- 4	NNW	3	0	b	*	36	27	0.04
Toulon	29.75	35	NW	11	0	b	29.90	+ .28	31	25	- 5	NW	7	0	b	7	39	28	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.76	28	ENE	2	0	b	28.62	- .15	31	29	+ 7	WSW	12	0	b	*	35	23	0.02

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.46	28	28	NNE	4	b	2	Valentia ...	29.78	47	45	SSE	8	onw	7
Sumburgh Head								Scilly ...	30.04	45	44	S	6	onw	5
Stornoway ...								Dover ..	29.99	37	34	NNW	4	bcp	2
Aberdeen ...	29.98	34	31	SSW	3	b	4	London ...	30.05	40	36	NW	4	c	*
Shields ...	30.04	34	34	NNW	3	c	4	Yarmouth ...	29.97	37	34	NNE	3	b	3
Ardrossan ...	30.01	38	37	S	3	0	2	Jersey ...	30.15	44	37	NW	2	b	3
Mullaghmore ...	29.80	42	38	SSE	6	ogw	5	Rochefort ...	30.14	46	41	NNW	5	b	2
Holyhead ...	30.05	40	37	S	3	0	2								

The barometer is now falling at all our W. and N. stations - most at Valentia, where the wind has increased to a gale from SSE, with a threatening appearance and a high sea. All our SW, W. and N. coasts have been warned today.

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 (bary) 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

MONDAY, 14TH FEBRUARY.

1881.

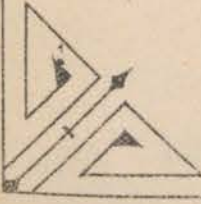
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116, Victoria St. LONDON.

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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a.m.

Monday 14th FEBRUARY 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.

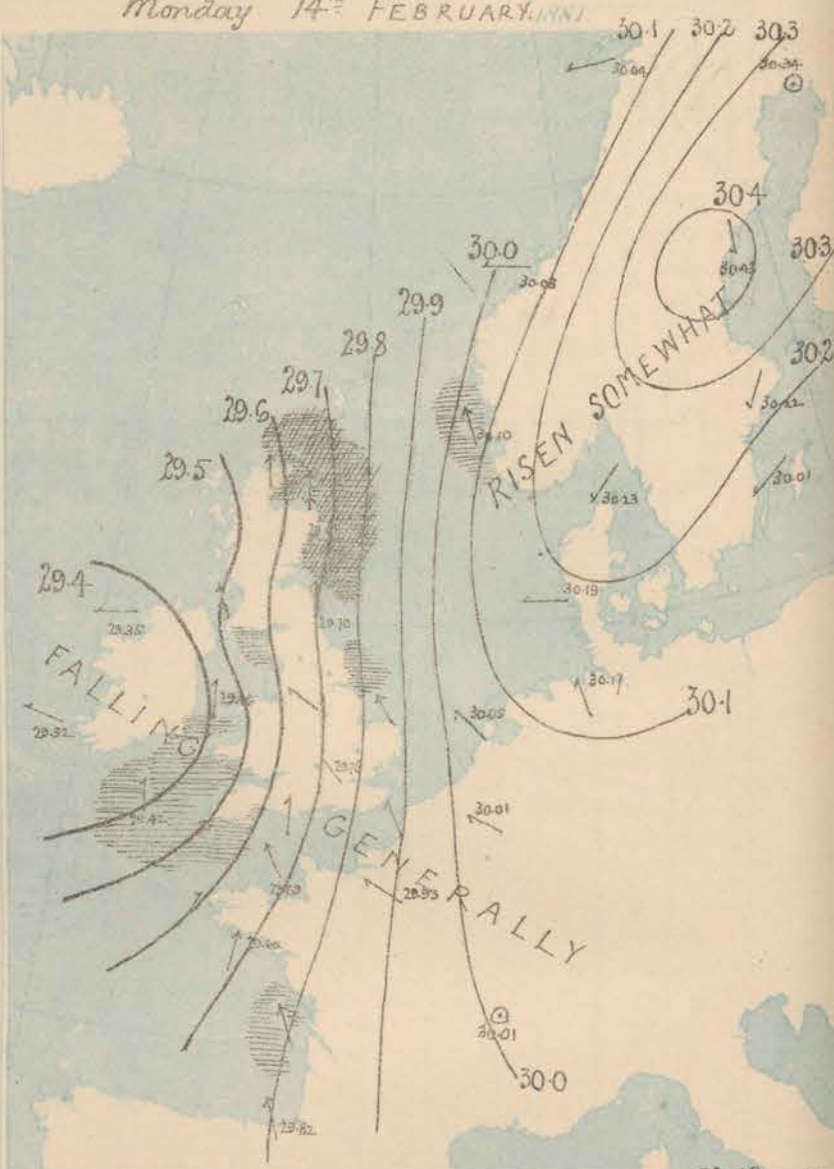
○ - dead calm.

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

MEAN HEIGHT of the BAROMETER for the month of February

Stations.	Mean Readings.
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrrossan	29.851
Greenock	29.847
Holyhead	29.884
Valencia	29.913
Rochester	29.922
Plymouth	29.923
LONDON	29.963
Farmouth	29.974

* 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.

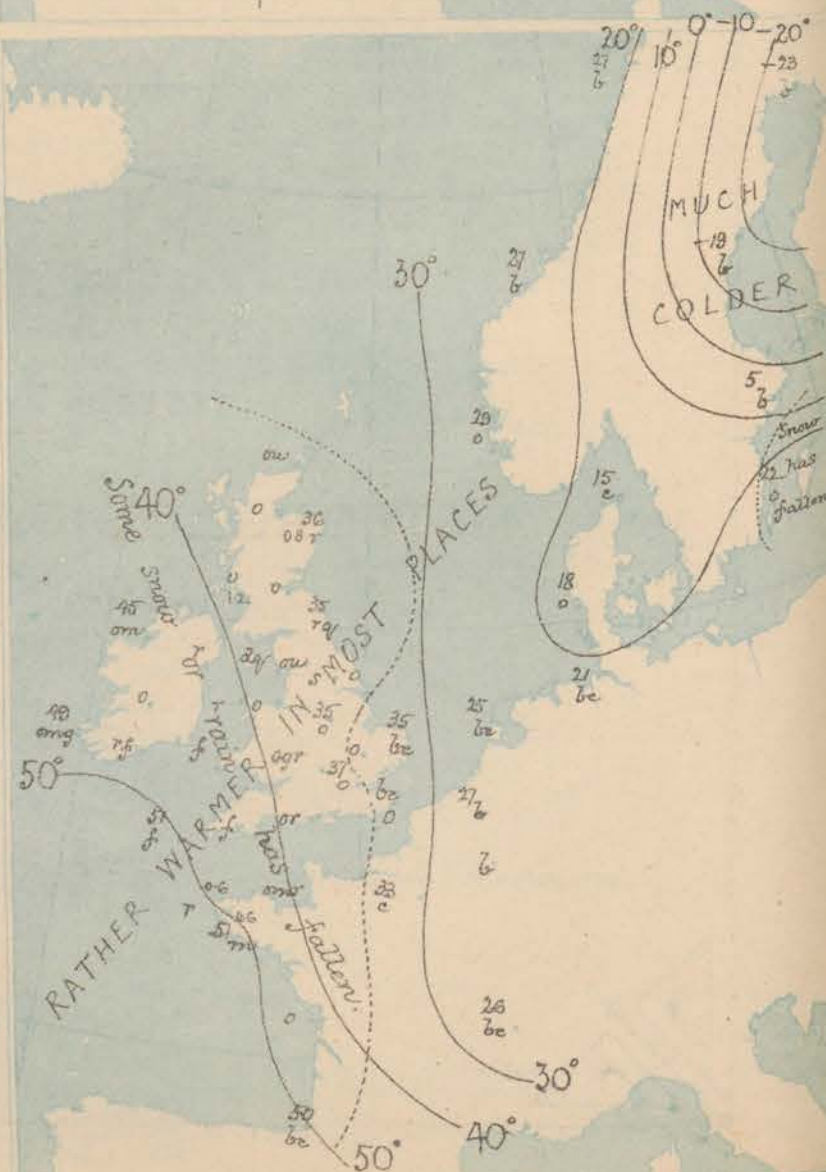
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE AND RAINFALL

for the month of February

Stations	Temp.	Rain-fall
Sandwich Head	38.6	7.80
Stornoway	39.4	4.34
Aberdeen	39.1	2.10
Shetland	38.8	1.61
York	39.7	1.75
Malborough	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	4.08
Valencia	43.9	4.37
Sally (St. Mary's)	45.8	2.68
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Farmouth	39.6	2.06

* 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

MONDAY, 14TH FEB^R 1881, at 8 a.m.

In the course of the past night the central area of a new depression has come over Ireland from the Atlantic, and as the barometer continues high over Scandinavia and Denmark, the gradients for S^W winds over S^W Britain and North Sea have been rendered moderately steep. The S^W and SE^W winds which prevail over England and Scotland are consequently rather fresh in force, and on our north-east coasts are blowing with the force of a moderate to fresh gale, but in Ireland the wind is very light indeed and variable from the SE^W. Temperature has risen slightly in most places, and ranges from 51° at Scilly and 49° at Valentia to 35° or 36° on our northern and north-eastern coasts. Frost has occurred during the night over all the northern districts. Cold rain or snow has fallen during the past twenty-four hours in all but our south-eastern districts, and the fall still continues in several places. In other places the sky is cloudy generally, and fog prevails in the south-west of England. The sea is still high in the north, rough in the extreme west and south-west, moderate at Dover, calm at Holyhead.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

15TH FEBRUARY.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^W to SE ^W winds, strong to moderate; cold rain, then finer.
2 SCOTLAND EAST	51° 50° 49°
3 ENGLAND NE	S ^W and SE ^W winds, strong to moderate; dull to fine.
4 ENGLAND EAST	51° 50° 49°
5 MIDLAND COUNTIES	S ^W winds, fresh to moderate; dull, cold, rain in some places.
6 ENGLAND SOUTH	51° 50° 49°

DISTRICTS

FORECASTS

6 SCOTLAND WEST	S ^W and SE ^W breezes, moderate; rain at times.
7 ENGLAND NW	51° 50° 49°
8 ENGLAND SW	S ^W and SW ^W breezes, fresh; weather improving.
9 IRELAND NORTH	Very light varying winds; dull, wet, unsettled.
10 IRELAND SOUTH	51° 50° 49°
WARNINGS The South Cone has been lowered in District 5, and is down in District 10.	

METEOROLOGICAL OBSERVATIONS FOR 14TH FEBRUARY 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.			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 ...	30.25	-13	L	0	b		30.34	+ .09	-23	-23	-	L	0	b	*	-6	-24	-
Hernösand ...	30.29	-12	L	0	b		30.43	+ .14	-19	-19	-	N	2	b	*	12	?	-
Stockholm ...	30.17	11	N	4	b		30.22	+ .05	5	5	-	NNE	4	b	*	18	?	-
Wisby ...	29.91	25	NE	4	0		30.06	+ .15	22	22	-	E	4	0	*	28	19	0.04
Bodö ...	29.97	27	E	2	b		30.04	+ .07	27	25	+ 2	E	2	b	*	27	19	-
Christiansund ...	29.99	31	SE	1	b		30.08	+ .09	27	24	+ 3	E	3	b	3	34	14	-
†Skudesnaes ...	30.12	28	S	9	0		30.10	+ .02	29	26	+ 3	SSE	7	0	0	?	27	-
Oxö (Xtiansund) ...	30.22	19	NNE	4	b		30.23	+ .01	16	18	+ 2	NNE	4	b	2	21	?	-
Skagen (The Skaw)	30.24	20	NE	5	b		30.25	+ .01	15	13	- 2	NE	4	0	0	?	?	-
Fanö ...	30.19	16	ESE	4	0		30.19	+ .00	18	18	+ 0	E	4	0	*	21	14	-
Cuxhaven ...	30.19	23	N	2	b		30.17	+ .02	21	21	-	SSE	1	b	*	?	18	-
†Sumburgh Head	29.74	38	SSW	5	r		29.67	+ .07	37	37	0	S	8	r	8	39	35	0.21
†Stornoway ...																		
Wick ...	29.67	36	S	5	0		29.60	- .07	37	36	0	S	8	0	7	38	35	0.10
Nairn ...	29.63	35	L	0	0		29.51	- .12	39	39	0	ESE	3	0	1	39	35	0.16
†Aberdeen ...	29.74	30	S	5	r		29.67	- .07	36	35	+ 1	S	8	r	7	37	33	0.76
Leith ...	29.68	34	SW	2	*		29.61	- .07	36	34	0	S	3	0	*	39	31	0.24
†Shields ...	29.81	35	SSW	4	0		29.70	- .11	35	33	+ 2	S	7	0	4	37	33	0.08
Spurn Head ...	29.92	38	S	5	0		29.76	- .16	36	35	+ 1	SSE	6	0	5	38	33	-
York ...	29.88	35	S	2	*		29.73	- .15	33	33	0	ESE	3	0	*	37	32	0.33
Nottingham ...	29.89	35	ESE	2	0		29.73	- .16	35	35	+ 0	ESE	3	0	*	39	32	0.07
†Ardrossan ...	29.63	38	S	7	r		29.51	- .12	39	38	+ 1	SSE	4	0	3	39	36	0.46
†Mullaghmore ...	29.47	44	L	0	0		29.35	- .12	45	45	+ 0	E	2	0	2	46	42	0.10
Donaghadee ...	29.55	43	SSW	7	r		29.47	- .08	42	42	+ 0	S	5	r	8	44	29	0.26
Parsonstown ...	29.50	46	L	0	*		29.37	- .13	47	46	+ 1	SSE	1	0	*	49	45	0.04
Barrow-in-Furness	29.69	37	ESE	6	r		29.60	- .09	37	36	+ 1	ESE	6	0	6	37	33	0.25
†Holyhead ...	29.61	43	S	7	0		29.46	- .15	44	43	+ 1	S	1	0	0	44	38	0.06
Liverpool (Bidston)	29.73	37	SE	5	0		29.56	- .17	37	36	+ 1	SE	6	0	2	38	34	0.24
†Valentia ...	29.48	48	SSE	3	0		29.32	- .16	49	48	+ 1	ESE	3	0	3	51	44	0.14
Roche's Point ...	29.49	47	SSW	3	f		29.35	- .14	48	48	+ 0	SE	2	0	4	51	46	0.22
Pembroke ...	29.61	45	SSE	5	r		29.40	- .21	43	43	+ 0	ESE	6	0	6	45	41	0.30
†Scilly ...	29.63	60	S	7	f		29.44	- .19	51	51	+ 0	S	5	f	6	52	48	0.35
Prawle Point ...	29.78	44	SSE	6	r		29.51	- .27	46	46	+ 0	SSE	4	f	5	46	36	0.12
Hurst Castle ...	29.91	40	SSW	5	0		29.68	- .23	39	39	0	S	4	0	3	41	39	0.14
†Dover ...	30.04	38	S	4	b		29.85	- .19	37	36	0	S	5	b	4	39	35	-
†London ...	29.94	37	S	3	0		29.78	- .16	37	36	+ 1	SE	3	0	*	40	32	-
Oxford ...	29.87	38	SE	4	0		29.71	- .16	38	36	+ 2	SE	3	0	0	40	34	0.03
Cambridge ...	29.95	37	SSE	1	0		29.77	- .18	35	33	+ 2	SE	1	0	*	40	28	-
†Yarmouth ...	30.02	36	S	4	b		29.85	- .17	35	34	+ 1	SE	5	b	4	38	33	-
The Helder ...	30.13	36	ESE	1	b		30.05	- .08	25	24	- 1	SE	3	b	1	30	25	-
Cape Gris Nez	30.06	36	SSW	3	0		29.89	- .17	33	31	+ 2	SSE	4	0	2	39	32	-
†Jersey ...	29.93	41	SSE	6	0		29.69	- .24	39	39	+ 0	SSE	6	0	3	42	36	0.12
Brest ...	29.73	47	S	8	r		29.60	- .13	39	37	+ 2	SW	4	r	2	?	45	0.55
Lorient ...	29.82	44	S	7	r		29.62	- .20	38	37	+ 1	SSW	7	m	5	?	41	0.60
†Rocheport ...	30.01	44	SSW	7	r		29.81	- .20	41	40	+ 1	SSE	7	0	2	45	39	0.08
Biarritz ...	29.97	38	E	4	0		29.82	- .15	40	41	+ 1	SSE	5	b	2	55	?	-
Corunna ...	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	*	*	*	*	*		30.01	- .14	27	27	-	ESE	4	b	*	35	26	-
Charleville ...	30.12	30	S	1	b		30.02	- .10	24	21	- 3	S	1	b	*	28	19	-
Paris ...	30.10	36	ESE	3	b		29.93	- .17	33	33	+ 0	SE	4	0	*	*	*	-
Lyons ...	30.11	34	N	1	b		30.04	- .07	26	25	- 1	N	1	b	*	36	23	-
Toulon ...																		

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

Hawes Junction	29.82	30	S	5	0		29.69	- .13	31	31	0	E	5	0	0	34	30	0.15
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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 ...	30.12	27	24	5	9	0	5	Valentia ...							
Sumburgh Head								Scilly ...							
Stornoway ...								Dover ..							
Aberdeen ...								London ...						*	
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rocheport ...	30.06	45	44	SSE	7	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); 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, 15th FEBRUARY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

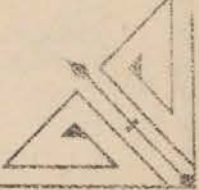
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ROBERT H. SCOTT

(SECRETARY.)



Printed by Dargorfield, Ltd. 22, Bedford St. Lower Garden.

WEATHER CHARTS

for 8 a.m. on

Tuesday 15th FEBRUARY. 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 barbs and feathers refer to force, thus:
— forces above 10; — forces 8 to 10;
— forces 5 to 7; — forces 1 to 4;
○ = dead calm.

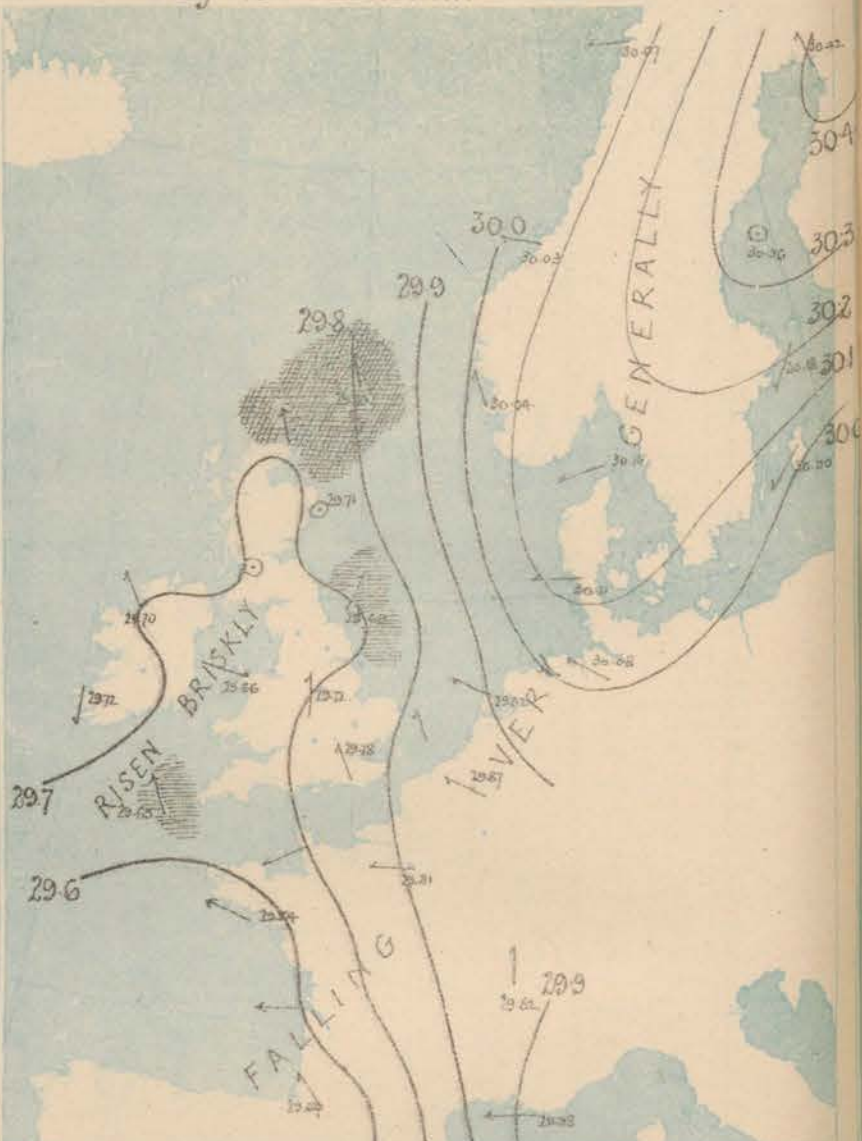
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of February

Stations	Mean Readings in.
Nairn	29.774
Aberdeen	29.709
Leith	29.841
Scarborough	29.908
Anderson	29.851
Greencastle	29.842
Holyhead	29.889
Valencia	29.903
Reche's Pt.	29.972
Plymouth	29.953
LONDON	29.953
Vermouth	29.974

* 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.

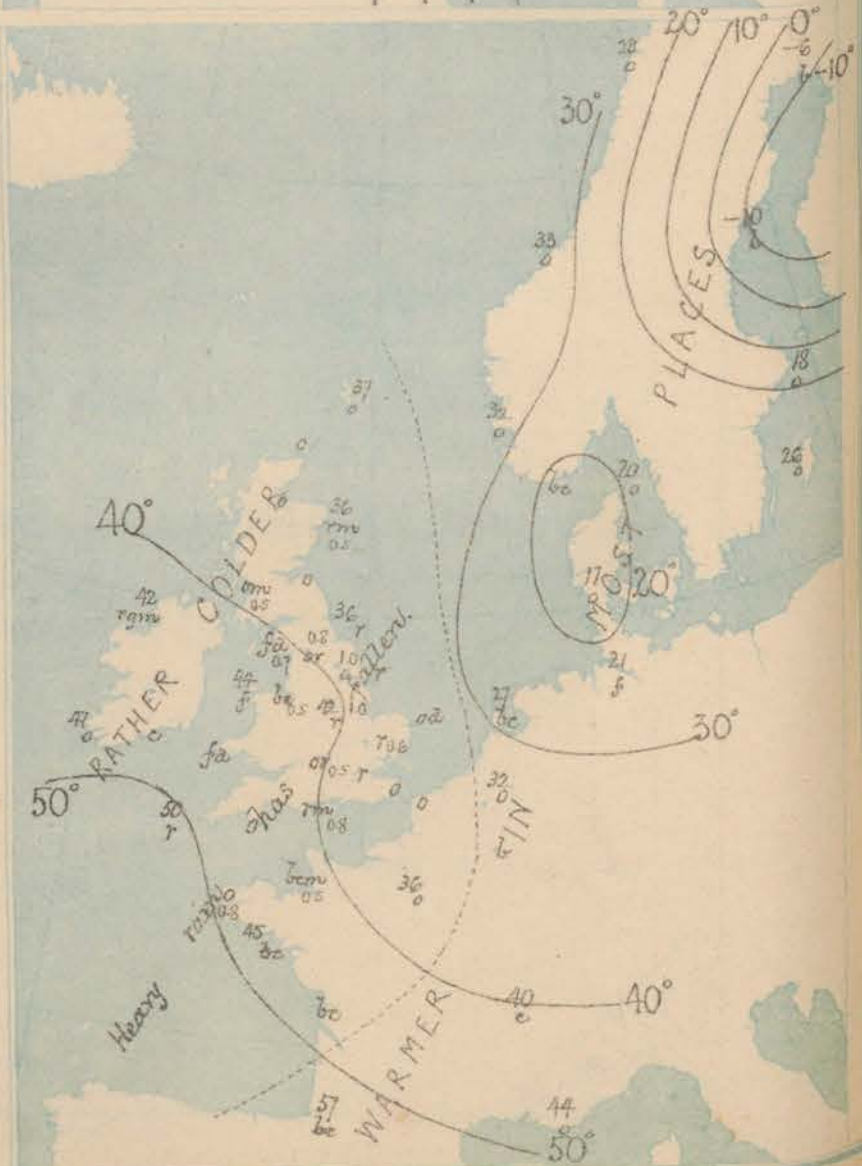
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls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

MEANS* OF TEMPERATURE AND RAINFALL

for the month of February

Stations	Temp	Rain-fall
Sandwich Head	38.5	2.90
Stormey	39.4	4.31
Aberdeen	39.1	2.20
Shetls	39.3	1.61
York	39.7	1.75
Mullaghmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.86
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Vermouth	39.5	2.05

* 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, 15th FEBRUARY 1881, at 8 a.m.

The distribution of pressure this morning is very irregular. An increase has taken place at all our stations, and a decrease over nearly the whole of the Continent. The increase has been considerable in Ireland and the large area of low pressure which yesterday lay over that country has been moved E^w and lies over Scotland, the north and west of England and the Irish Sea, while a second area of still lower readings lies over the Bay of Biscay. The wind varies a good deal. It is SE⁴ and S⁴ all over the eastern districts of S^t. Britain as well as over the Irish Sea, while it is N⁴ over Ireland and E⁴ over the Channel and north of France. The gales in the north of Scotland have subsided, but the winds there and over the Bay of Biscay still blow strongly; elsewhere moderate or light breezes are reported. The weather is very unsettled. The sky is moderately clear in some parts of the north-west of France, but is dull or very cloudy elsewhere; rain is falling at the majority of our stations. Heavy rain has fallen in all parts of the country. Temperature has fallen in Ireland, risen elsewhere; readings range from 50° at Sillly to 34° at Harrow. Sea is very rough in the north.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

16th FEBRUARY.

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	Fresh S ⁴ and SE ⁴ winds; dull, some rain.
1	SCOTLAND EAST	Light breezes, generally S ⁴ ; dull, rain.
2	ENGLAND N.E.	.....
3	ENGLAND EAST	SE ⁴ winds, moderate; drizzling rain.
4	MIDLAND COUNTIES	Light S ⁴ breezes; dull, rainy weather; slow calms; & some fog.
5	ENGLAND SOUTH	.....

DISTRICTS

FORECASTS

6	SCOTLAND WEST	Light variable breezes; dull, foggy, rather cold.
7	ENGLAND N.W.	Variable breezes to N ⁴ winds; misty and foggy to fair.
8	ENGLAND S.W.	E ⁴ winds, moderate and fresh; dull, cold rain.
9	IRELAND NORTH	NE ⁴ and N ⁴ breezes, moderate; dull, cold rain.
10	IRELAND SOUTH	N ⁴ breezes, moderate; cloudy, dull.
	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 15TH FEBRUARY 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										FAST 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.
			Dirce.	Force (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.		Dirce.	Force (0 to 12).				Max.	Min.	
Haparanda ...	30.40	-7	S	2	b		30.42	+ .08	-6	-6	+ .17	S	2	b			-2	-24	-
Hernösand ...	30.50	-7	Z	0	b		30.36	- .07	-10	-11	+ .09	Z	0	b			12	-22	-
Stockholm ...	30.21	17	NE	4	o		30.28	- .04	8	7	+ .13	NE	2	o			18	3	-
Wisby ...	29.97	27	ENE	14	o		30.00	- .01	26	26	+ .04	ENE	4	o			28	16	-
Bodö ...	30.15	21	E	2	o		30.07	+ .03	28	26	+ .1	E	4	o			32	27	-
Christiansund...	30.00	28	SE	1	c		30.03	- .05	23	29	+ .06	ESE	2	o	3		32	18	-
†Skudesnaes ...	30.11	30	SSE	6	c		30.04	- .06	32	28	+ .03	SSE	4	o	4		32	28	-
Oxö (Xtiansund) ...	30.23	21	NNE	4	b		30.18	- .05	18	15	+ .2	NNE	4	b	2		21	16	-
Skagen (The Skaw)	30.25	20	ENE	4	b		30.18	- .05	20	18	+ .5	ENE	3	o	0		2	7	-
Fanö ...	30.14	19	E	4	e		30.11	- .08	17	17	- .1	E	4	o			27	2	-
Cuxhaven ...	30.18	22	ENE	2	b		30.08	- .09	21	21	0	SE	3	f			23	19	-
†Sumburgh Head	29.74	37	SSE	8	f		29.80	+ .18	37	36	0	SSE	6	o	7		38	35	0.10
†Stornoway ...																			
Wick ...	29.65	38	S	9	o		29.73	+ .13	38	37	+ .1	SSE	5	o	7		38	35	-
Nairn ...	29.60	36	Z	0	o		29.67	+ .16	34	34	- .5	Z	0	o	1		39	34	0.02
†Aberdeen ...	29.71	37	S	6	f		29.71	+ .04	36	35	0	Z	0	rm	4		37	34	0.54
Leith ...	29.64	26	SE	2	f		29.70	+ .04	35	34	- .1	NNW	1	o			38	33	0.18
†Shields ...	29.67	26	SSE	6	f		29.69	- .01	36	36	+ .1	SW	4	r	5		36	34	0.51
Spurn Head ...	29.69	35	SE	7	f		29.73	- .03	38	38	+ .2	SSE	5	r	5		39	34	0.20
York ...	29.68	35	SSE	1	f		29.69	- .01	37	36	+ .4	SSE	1	o			37	32	0.98
Nottingham ...	29.69	35	ESE	1	f		29.71	- .01	37	37	+ .7	S	1	f			41	34	1.00
†Ardrossan ...	29.59	35	ENE	2	f		29.71	+ .17	36	34	- .4	ENE	1	rm	0		29	23	0.50
†Mullaghmore ...	29.44	44	E	5	rm		29.70	+ .35	42	41	- .3	SE	1	rm	2		40	39	0.01
Donaghadee ...	29.57	40	S	4	f		29.69	+ .22	40	40	- .2	ENE	4	o	2		42	39	0.34
Parsonstown ...	29.44	46	N	1	o		29.75	+ .38	42	41	- .5	NNW	1	o			49	40	0.09
Barrow-in-Furness	29.54	36	NE	5	f		29.66	+ .06	40	39	+ .3	NNE	3	f	4		40	35	0.70
†Holyhead ...	29.45	46	SSE	1	f		29.66	+ .20	44	44	0	NNW	2	f	1		47	43	0.36
Liverpool (Bidston)	29.53	38	ESE	5	f		29.67	+ .11	43	43	+ .6	SW	1	b	1		44	37	0.53
†Valentia ...	29.44	49	SW	1	o		29.72	+ .40	47	46	- .2	N	3	o	2		55	42	0.01
Roche's Point...	29.04	48	N	1	o		29.70	+ .35	46	44	- .2	NNE	3	c	4		52	45	0.01
Pembroke ...	29.41	46	ESE	2	f		29.63	+ .23	45	45	+ .2	SSE	1	f	5		46	42	0.35
†Scilly ...	29.43	50	S	5	f		29.63	+ .21	50	50	- .1	SE	2	f	4		52	48	0.36
Prawle Point ...	29.53	48	SSE	5	f		29.67	+ .16	44	44	- .2	ESE	3	o	4		48	43	0.33
Hurst Castle ...	29.61	43	SSW	5	f		29.74	+ .06	40	40	+ .1	ENE	2	rm	3		44	39	0.79
†Dover ...	29.78	37	SSE	5	od		29.88	- .05	39	36	+ .2	SSE	2	o	1		40	36	0.05
†London ...	29.71	36	SE	3	f		29.78	00	38	37	+ .1	SE	2	f			40	36	0.36
Oxford ...	29.66	40	SE	5	f		29.75	+ .04	40	40	+ .2	SSE	1	rm			42	37	0.54
Cambridge ...	29.70	36	SE	1	f		29.77	00	37	37	+ .2	S	1	f			38	34	0.37
†Yarmouth ...	29.78	37	SE	6	c		29.80	- .05	37	36	+ .2	SSE	3	od	4		38	34	0.11
The Helder ...	29.97	27	ESE	3	b		29.92	- .13	27	26	+ .2	ESE	2	b	2		27	25	-
Cape Gris Nez	29.80	26	SE	5	f		29.81	- .08	36	32	+ .3	S	4	o	2		39	?	0.04
†Jersey ...	29.66	43	SSE	5	rm		29.71	+ .02	42	42	+ .3	ENE	2	b	3		44	39	0.47
Brest ...	29.34	49	S	5	f		29.57	- .03	47	45	- .3	SE	4	o	4		54	45	0.45
Lorient ...	29.57	48	SSE	5	f		29.54	- .08	45	43	- .6	ESE	7	b	4		?	43	0.04
†Rochefort ...	29.69	50	SSE	5	o		29.63	- .19	47	45	+ .6	E	5	b	2		52	36	-
Biarritz ...	29.60	61	S	5	c		29.34	- .28	57	50	+ .7	SE	4	b	2		66	49	-
Corunna ...	*	*	*	*	*		*	*	*	*	*	*	*	*	*		*	*	*
Brussels ...	*	*	*	*	*		29.87	- .14	32	32	+ .5	ESE	3	o	*		38	?	-
Charleville ...	29.91	30	SSE	1	b		29.89	- .13	27	24	+ .3	SE	4	b	*		37	22	-
Paris ...	29.80	29	SE	3	o		29.81	- .12	36	34	+ .3	E	2	o	*		*	*	-
Lyons ...	29.87	27	E	1	b		29.82	- .19	40	37	+ .4	S	2	c	*		42	31	-
Toulon ...	29.97	43	NE	1	b		29.98	+ .02	44	39	+ .6	E	7	o	4		45	37	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.38	32	E	5	fs		28.42	+ .03	33	30	+ .2	E	5	o	*		33	30	0.75

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...							Valentia ...	29.36	53	52	E	1	com	1	
Sumburgh Head	29.72	37	36	SSE	8	†	8	Scilly ...	29.40	52	52	S	6	f	6
Stornoway ...							Dover ..	29.79	40	37	S	4	c	3	
Aberdeen ...	29.70	37	36	S	7	†	7	London ...	29.71	40	38	SE	4	og	*
Shields ...	29.68	26	35	S	5	†	4	Yarmouth ...	29.80	37	34	SE	6	c	4
Ardrossan ...	29.66	37	36	ENE	3	†	2	Jersey ...	29.65	43	43	SSE	6	o	5
Mullaghmore ...	29.29	45	45	? E	4	ogm	2	Rochefort ...	29.77	49	47	SE	5	o	2
Holyhead... ..	29.45	47	46	SSE	2	m	1								

Southerly gales prevail in the N., with dull, rainy weather, while elsewhere the wind is generally SE to E and the force lighter. The sky is, however, cloudy generally and the weather misty, damp, & cold.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; o. 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 FEBRUARY.

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^d: Dangerfield, Lth. 22, Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Wednesday 16th February. 1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isohars 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.

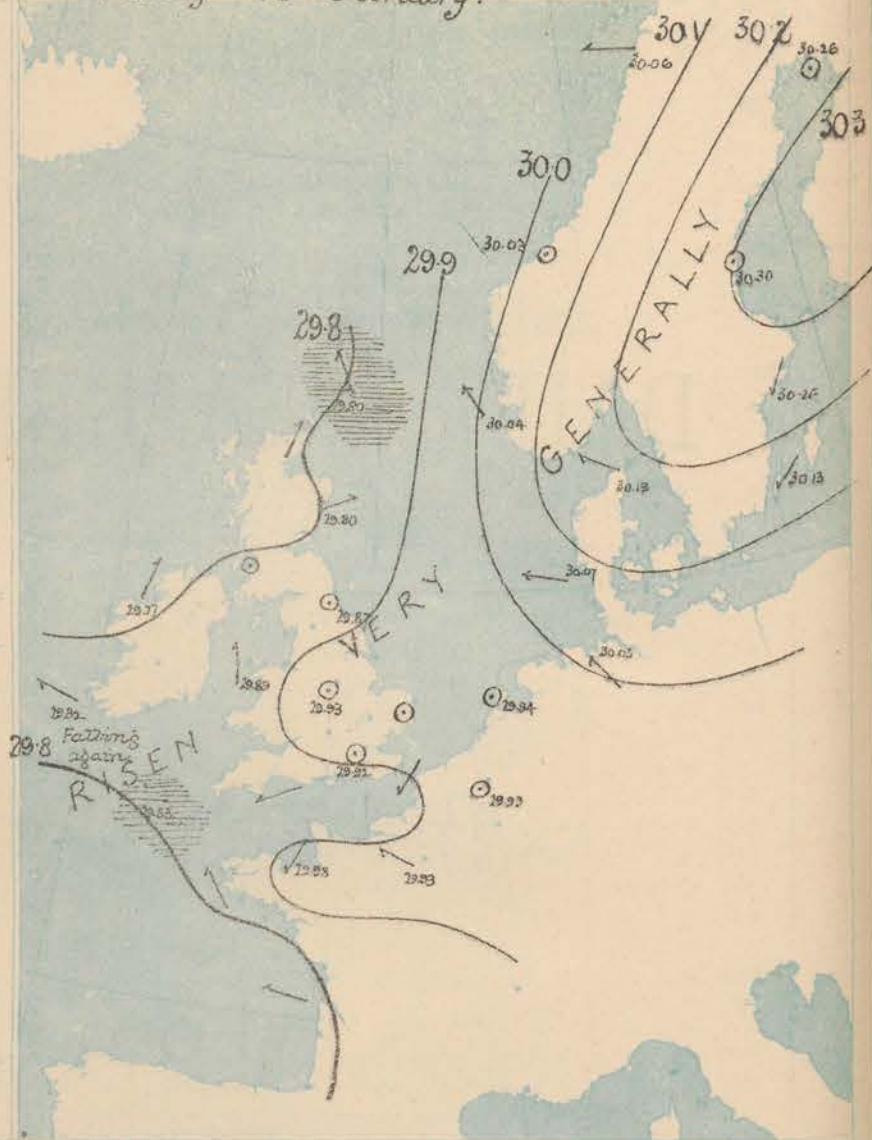
Sea Disturbance, where considerable, is shown by shading round the coast; thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of February

Stations	Mean Readings
Nairn	29.779
Aberdeen	29.799
Leith	29.894
Scarborough	29.908
Ardrossan	29.851
Greenock	29.842
Holyhead	29.889
Valentia	29.903
Roche's Pt.	29.932
Plymouth	29.993
LONDON	29.983
Yarmouth	29.974

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



REMARKS

for WEDNESDAY, 16th FEBRUARY, 1881, at 8 a.m.

During the past twenty-four hours an increase of pressure has taken place in nearly all parts of Western Europe, but at present a slight decrease has commenced on our extreme western coasts, as well as in the north of Scandinavia. The general distribution is little changed, an area of high readings lying over Sweden and comparatively low readings off our north-west and south-west coasts. Over the whole of these Islands pressure is very uniform. Very light variable breezes prevail on most of our coasts, but moderate E^{ly} winds are reported from France and our south-western parts, and moderate to fresh winds from E and S over the North Sea. The weather is fine at Hurst Castle, Dover, Brussels and Charleville, but is cloudy or dull in almost all other places. Over nearly the whole of England fog is reported, and in the Shetlands rain is falling. During the past twenty-four hours slight rain has fallen except in the west. Temperature has changed very little, and ranges from 48° at Lillie to 36° in London and 36° at Leith. The sea is rough at Lillie and round the Shetlands.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

17th FEBRUARY.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Moderate or light S ^{ly} breezes, cloudy but improving
2 SCOTLAND EAST	5° ————— 5° ————— 5°
3 ENGLAND N.E.	SE ^{ly} breezes, light; foggy to fair.
4 ENGLAND EAST	Light variable air to SE ^{ly} breezes; foggy and cloudy, then fair.
5 MIDLAND COUNTIES	5° ————— 5° ————— 5°
6 ENGLAND SOUTH	5° ————— 5° ————— 5°

DISTRICTS

FORECASTS

6 SCOTLAND WEST	S ^{ly} breezes, light; cloudy.
7 ENGLAND N.W.	SE ^{ly} to S ^{ly} breezes, light; foggy, then fair.
8 ENGLAND S.W.	SE ^{ly} and S ^{ly} winds, light and moderate; dull, misty rain.
9 IRELAND NORTH	SE ^{ly} and S ^{ly} winds, light and moderate; dull and foggy, then fair.
10 IRELAND SOUTH	5° ————— 5° ————— 5°
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 16th FEBRUARY 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 3).	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 ...	30.28	-11	Z	0	b	30.26	-16	-14	-14	-8	Z	0	f	*	1	-18	-		
Hernösand ...	30.28	10	Z	0	o	30.30	-06	14	13	+24	Z	0	o	*	?	-17	-		
Stockholm ...	30.20	19	ENE	2	o	30.26	+08	20	20	+2	NNE	2	o	*	23	16	-		
Wisby ...	30.05	28	E	2	o	30.13	+13	30	29	+4	ENE	2	o	*	32	19	-		
Bodö ...	30.04	28	ESE	2	c	30.06	-01	26	23	-2	E	0	a	2	30	25	-		
Christiansund...	30.05	32	ESE	1	o	30.03	-00	27	26	-6	Z	0	c	1	?	18	-		
†Skudesnaes ...	30.03	32	SSE	6	o	30.06	+02	32	30	0	SE	6	o	4	34	32	-		
Öxö (Xiansund) ...	30.13	22	NNE	4	o	30.12	-06	23	22	+5	NNE	4	c	2	23	?	0.08		
Skagen (The Skaw)	30.16	20	E	3	o	30.19	+01	27	25	+7	ESE	3	o	0	27	2	-		
Fanö ...	30.05	23	ESE	6	o	30.07	-04	27	26	+10	ESE	6	o	*	27	?	-		
Cuxhaven ...	30.07	26	SE	2	o	30.03	-05	27	27	+6	SE	2	b	*	27	19	-		
†Sumburgh Head ...	29.80	37	SSE	6	o	29.80	00	38	38	+1	SSE	4	f	6	40	35	0.05		
†Stornoway ...																			
Wick ...	29.76	39	SSE	1	o	29.81	+08	39	38	+1	SSW	2	o	3	39	35	-		
Nairn ...	29.66	35	Z	0	o	29.77	+10	35	34	+1	Z	0	c	1	38	34	-		
†Aberdeen ...	29.75	37	NNW	2	o	29.80	+09	35	34	-1	NNW	1	a	3	38	34	0.05		
Leith ...	29.77	36	SW	1	c	29.87	+17	34	33	-1	Z	0	of	*	44	30	-		
†Shields ...	29.75	37	Z	0	o	29.87	+18	37	37	+1	Z	0	f	3	39	33	0.02		
Spurn Head ...	29.77	40	S	3	f	29.92	+19	37	37	-1	NW	1	f	2	41	36	0.05		
York ...	29.76	36	N	1	m	29.93	+24	37	37	0	SW	1	o	*	39	35	0.06		
Nottingham ...	29.81	43	SSW	1	f	29.93	+21	41	40	-1	NNE	1	o	*	46	40	0.09		
†Ardrossan ...	29.78	39	Z	0	b	29.86	+15	38	37	+3	ENE	1	af	0	45	34	-		
†Mullaghmore ...	29.78	44	WSW	2	o	29.77	+07	45	42	+3	SSW	2	og	2	45	41	-		
Donaghadee ...	29.79	41	NNW	3	o	29.85	+16	40	40	0	WSW	2	o	0	44	39	-		
Parsonstown ...	29.83	44	Z	0	o	29.86	+11	41	40	-1	S	1	o	*	45	41	-		
Barrow-in-Furness	29.75	38	NNW	3	o	29.90	+24	39	38	-1	E	2	o	3	42	34	0.02		
†Holyhead ...	29.80	42	N	1	m	29.89	+23	44	41	-2	S	1	f	0	44	41	-		
Liverpool (Bidston)	29.79	40	N	1	m	29.91	+24	40	39	-3	E	1	m	1	44	39	-		
†Valentia ...	29.81	47	NNW	2	o	29.82	+10	46	45	-1	SE	4	o	4	53	44	0.05		
Roche's Point...	29.83	46	SSE	4	o	29.87	+17	44	43	-2	SE	3	f	4	50	43	0.03		
Pembroke ...	29.75	44	ESE	1	o	29.83	+20	42	42	-3	NE	2	f	1	46	42	0.06		
†Scilly ...	29.71	48	ENE	4	o	29.83	+20	48	47	-2	E	1	om	5	50	45	0.06		
Prawle Point ...	29.73	42	NNE	4	b	29.88	+21	41	41	-3	NE	3	o	3	47	38	-		
Hurst Castle ...	29.80	40	ESE	2	b	29.88	+14	37	36	-3	ENE	2	b	2	43	34	0.05		
†Dover ...	29.82	40	SE	2	b	29.89	+09	36	35	-3	N	3	b	1	42	34	-		
†London ...	29.81	35	SE	1	b	29.92	+14	36	35	-2	Z	0	f	*	43	31	0.05		
Oxford ...	29.83	43	SSE	2	o	29.92	+17	42	41	+2	SSE	1	af	*	44	39	0.07		
Cambridge ...	29.82	39	SSE	1	o	29.92	+15	39	38	+2	SSE	1	o	*	42	36	0.07		
†Yarmouth ...	29.74	38	SSE	2	o	29.93	+13	37	36	0	Z	0	f	2	39	35	0.03		
The Helder ...	29.91	31	SE	1	o	29.94	+02	31	31	+4	SE	1	c	1	32	27	-		
Cape Gris Nez ...	29.84	28	SE	1	b	29.90	+09	37	36	+1	NE	3	m	1	43	36	-		
†Jersey ...	29.77	46	NE	1	b	29.98	+27	43	43	+1	NE	2	b	2	50	39	0.01		
Brest ...	29.69	31	SSE	3	b	29.84	+27	48	46	+1	SE	3	o	2	52	45	-		
Lorient ...	29.69	48	S	4	b	29.78	+24	45	42	0	E	4	c	3	50	43	-		
†Rochefort ...	29.69	55	S	1	o	29.78	+15	48	45	+1	ESE	4	o	2	64	41	-		
Biarritz ...																			
Corunna ...	*	*	*	*	*									*	*	*			
Brussels ...	*	*	*	*	*	29.93	+04	34	33	+2	ESE	1	b	*	40	3	-		
Charleville ...	29.87	37	S	4	o	29.95	+06	33	31	+6	E	1	b	*	38	31	-		
Paris ...	29.81	44	SE	3	o	29.93	+12	36	34	0	ESE	3	o	*	*	*	-		
Lyons ...														*					
Toulon ...																			

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

Hawes Junction	28.51	36	SSW	1	o	28.64	+22	33	0	SSW	2	f	*	37	32	0.28
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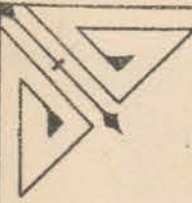
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.05	32	28	SSE	6	o	4	Valentia ...	29.76	51	48	N	3	c	3
Sumburgh Head ...	29.80	37	36	SSE	6	f	7	Scilly ...	29.69	49	49	E	5	o	5
Stornoway ...								Dover ...	29.78	41	39	E	2	c	1
Aberdeen ...	29.71	35	37	WSW	1	m	4	London ...	29.78	42	40	SE	2	om	*
Shields ...	29.71	38	37	Z	o	*	3	Yarmouth ...	29.81	38	37	SSE	3	om	3
Ardrossan ...	29.73	42	41	NNW	1	b	o	Jersey ...	29.73	47	47	ESE	2	bom	3
Mullaghmore ...	29.79	44	43	Z	o	om	o	Rochefort ...	29.69	58	52	SSE	5	b	2
Holyhead ...	29.75	43	42	N	2	m	*								

Rather fresh breezes are reported from the Shetlands, Scilly, and the N. of France, but elsewhere the wind is light. It varies a good deal in direction, but the sky in all places is overcast or very cloudy and temperature ranges from 51° at Valentia to 38° on our East Coast.

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, 17TH FEBRUARY.


1881.

ISSUED BY THE
METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)



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

WEATHER CHARTS

for 8 a.m. on Thursday, 17th February, 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.

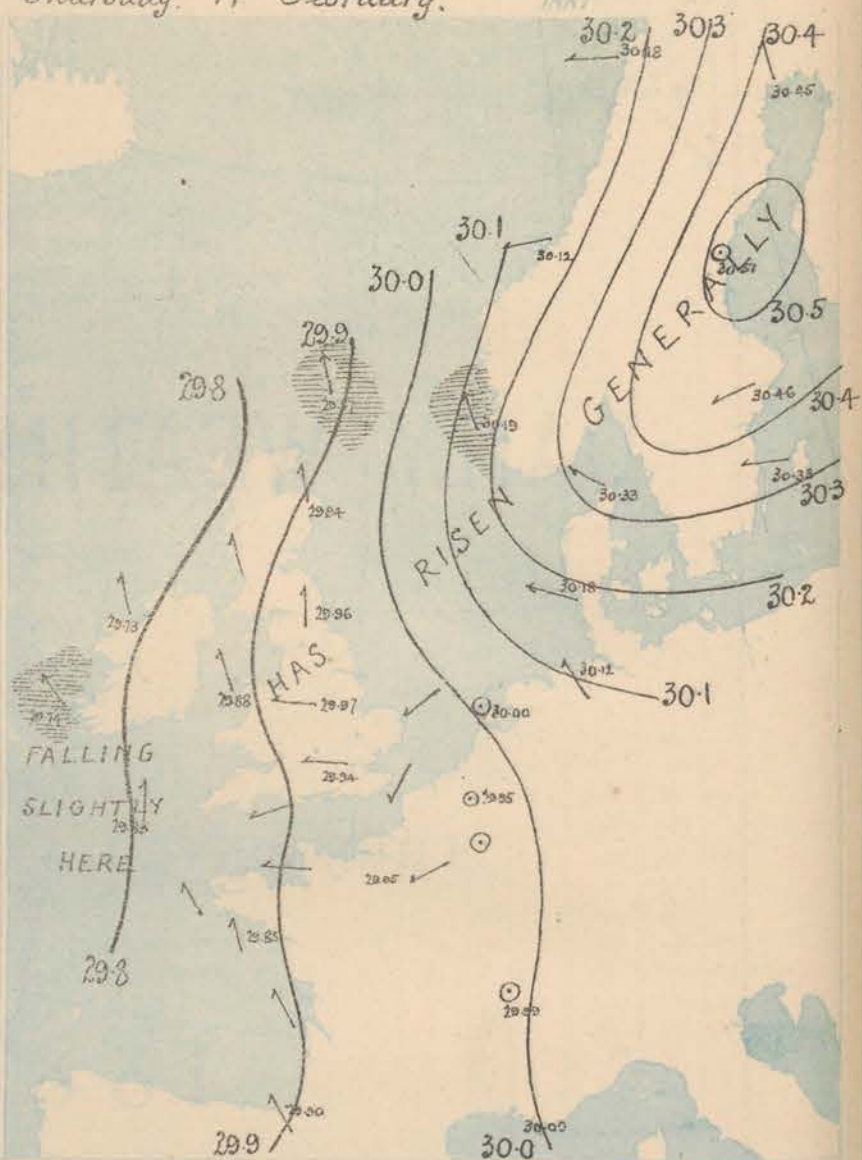
Sea Disturbance, where considerable, is shown by shading round the coast thus: — Rough — High.

MEAN* HEIGHT of the BAROMETER

for the month of February

Stations	Mean Readings
Nairn	29.774
Aberdeen	29.709
Leith	29.891
Scarlborough	29.908
Ardrossan	29.851
Greenock	29.897
Holyhead	29.880
Valencia	29.905
Rock's Pt.	29.972
Plymouth	29.993
LONDON	29.983
Vermouth	29.971

* 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.

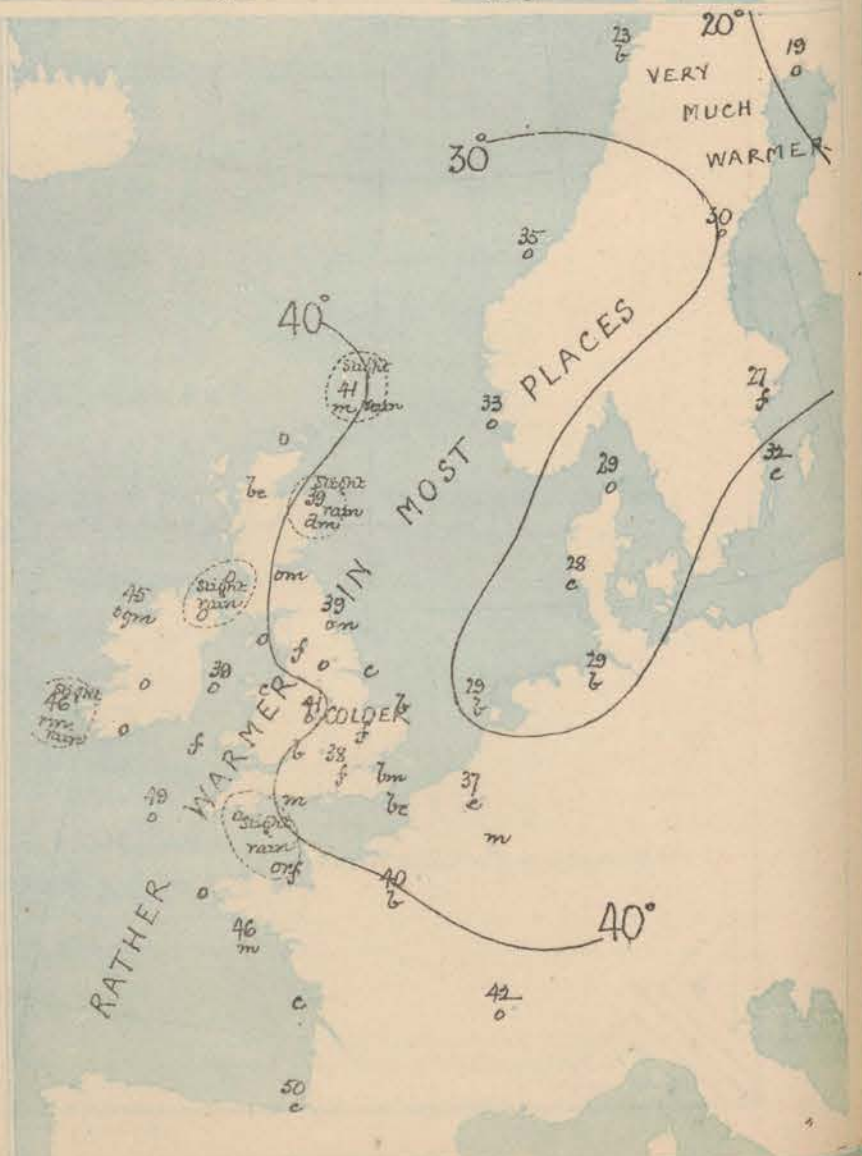
Rainfall: A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* of TEMPERATURE AND RAINFALL

for the month of February

Stations	Temp	Rain-Fall
Sandburgh Head	38.5	7.40
Sarnoway	39.2	4.21
Aberdeen	39.1	2.20
Shetland	38.3	1.61
York	39.7	1.75
Mullaghmore	41.7	2.00
Holyhead	42.5	3.47
Parsonstown	42.0	1.00
Valencia	43.0	4.31
Sally (St. Mary's)	45.8	2.88
Ilfracombe	41.0	2.00
Dover	41.0	1.75
LONDON	41.2	1.58
Vermouth	39.5	1.05

* 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 FEBRUARY 1881, at 8 a.m.

There is very little change to record. The general distribution of pressure remains unaltered; an area of high readings lies over the Gulf of Bothnia, with comparatively low readings off our west coasts. Pressure is uniform over these Islands, but moderate gradients exist over and to the Erd of the North Sea. The wind blows rather freshly at Valentia, the Shetlands and in Norway and Denmark, but elsewhere the wind is light or moderate. The weather remains fine on the south-east coast of England, over the Netherlands and in North Germany, very dull or cloudy in all other places, with dense fog in the south-east of England, and rain at Valentia. The weather has been very damp during the past twenty-four hours, but scarcely any rain has fallen. Temperature has risen in most places, but has fallen several degrees at some central stations; readings range from 49° at Scilly to 32° at Cambridge. Last night slight frost was experienced in London and at Cambridge. Sea is rough at Valentia and round the Shetlands.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

18th FEBRUARY.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S th winds, strong and moderate; cloudy.
2 SCOTLAND EAST	S th breezes, light; cloudy and misty, then finer.
3 ENGLAND N.E.	.....
4 ENGLAND EAST	E th winds, light; fair.
5 MIDLAND COUNTIES	Light E th and SE th breezes; foggy and cloudy, then fair.
6 ENGLAND SOUTH	.....

DISTRICTS

FORECASTS

6 SCOTLAND WEST	S th breezes, light to moderate; dull, slight rain.
7 ENGLAND N.W.	SE and SW breezes, light; cloudy, then some rain.
8 ENGLAND S.W.	SE th and S th winds, moderate; cloudy, some fog.
9 IRELAND NORTH	S th winds, freshening; cloudy and misty, some rain in west.
10 IRELAND SOUTH	.....

WARNINGS

The South Lane was hoisted in Districts 9 and 10 last evening, but has been lowered again this morning.

METEOROLOGICAL OBSERVATIONS FOR 17th FEBRUARY 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 6).	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 ...	30.39	4	Z	0	bc	30.45	+ 19	19	19	+ 38	S	2	0	19	-15	—						
Hernösand ...	30.41	21	Z	0	0	30.51	+ 21	20	19	+ 6	Z	0	0	21	7	—						
Stockholm ...	30.36	24	ESE	2	0	30.46	+ 20	27	27	+ 7	E	2	f	?	18	—						
Wisby ...	30.26	30	Z	0	0	30.33	+ 20	34	31	+ 2	ESE	2	0	34	19	—						
Bodö ...	30.10	26	E	2	b	30.18	+ 12	23	21	- 3	E	2	b	?	21	—						
Christiansund...	30.07	31	SE	2	c	30.12	+ 09	35	33	+ 8.	E	3	0	36	18	—						
†Skudesnaes ...	30.18	32	SSE	6	a	30.19	+ 13	33	33	+ 1	SSE	7	0	?	32	—						
Oxö (Ålansund) ...	30.18	25	NNE	6	0	30.30	+ 21	28	28	+ 5	ENE	4	0	?	23	—						
Skagen (The Skaw)	30.26	20	ESE	2	0	30.30	+ 14	29	27	+ 2	ESE	3	0	?	2	—						
Fanö ...	30.14	29	ESE	4	0	30.4	+ 11	28	27	+ 1	ESE	6	c	?	27	—						
Cuxhaven ...	30.07	33	SE	1	bc	30.12	+ 09	29	25	+ 2	SE	3	b	?	25	—						
†Sumburgh Head	29.82	40	SSE	4	0	29.87	+ 07	41	40	+ 3	SSE	6	m	41	38	0.03						
†Stornoway ...																						
Wick ...	29.74	39	S	4	b	29.88	+ 07	40	39	+ 1	SSE	3	0	42	37	—						
Nairn ...	29.75	25	Z	0	b	29.81	+ 04	41	39	+ 6	Z	0	bc	43	34	—						
†Aberdeen ...	29.85	39	S	3	0	29.94	+ 14	39	38	+ 4	S	3	dm	39	34	0.01						
Leith ...	29.87	29	SSW	1	0	29.91	+ 04	40	39	+ 6	S	1	om	42	35	—						
†Shields ...	29.91	29	SW	1	om	29.96	+ 09	39	39	+ 2	S	1	om	40	36	—						
Spurn Head ...	29.94	39	E	2	0	29.98	+ 06	38	38	+ 1	E	1	c	40	36	—						
York ...	29.93	40	ESE	1	0	29.98	+ 05	39	38	+ 2	SSE	1	0	41	37	—						
Nottingham ...	29.95	42	ENE	1	0	29.97	+ 04	44	40	0	E	2	0	45	39	—						
†Ardrossan ...	29.84	40	SSE	1	rf	29.87	+ 01	42	41	+ 4	SSE	1	0	42	37	0.02						
†Mullaghmore ...	29.69	47	SSW	6	og	29.73	- 04	45	44	0	SSE	4	ogm	50	44	—						
Donaghadee ...	29.83	42	SSW	2	t	29.84	- 01	44	43	+ 4	SSW	3	u	44	40	0.01						
Parsonstown ...	29.77	45	SE	1	0	29.81	- 05	44	42	+ 3	SSE	1	0	46	40	—						
Barrow-in-Furness	29.88	40	NE	3	0	29.91	+ 01	40	40	+ 1	ENE	3	0	41	38	—						
†Holyhead ...	29.74	42	SSW	1	bm	29.88	- 01	39	38	- 3	SSE	1	f	44	39	—						
Liverpool (Bidston)	29.86	44	ESE	2	0	29.91	00	40	39	0	ESE	3	c	44	39	—						
†Valentia ...	29.75	48	SE	5	og	29.74	- 08	46	45	0	SE	5	rm	49	45	0.26						
Roche's Point...	29.83	45	S	3	0	29.86	- 07	47	46	+ 3	S	3	0	50	44	—						
Pembroke ...	29.81	45	SE	3	b	29.83	00	41	41	- 1	SE	3	f	46	39	—						
†Scilly ...	29.88	47	ESE	4	om	29.83	00	49	48	+ 1	S	2	0	49	45	—						
Prawle Point ...	29.84	44	NE	3	bc	29.87	- 01	45	45	+ 4	NE	2	0	49	40	0.02						
Hurst Castle ...	29.89	42	ESE	2	b	29.90	+ 02	35	35	- 2	ENE	1	m	46	35	—						
†Dover ...	29.92	43	ENE	3	b	29.93	+ 04	39	38	+ 3	NE	2	bm	46	36	—						
†London ...	29.96	41	E	1	cf	29.94	+ 02	36	36	0	E	1	f	49	31	—						
Oxford ...	29.91	45	Z	0	0	29.93	+ 01	34	33	- 8	Z	0	b	46	34	—						
Cambridge ...	29.93	43	ENE	1	0	29.95	+ 03	32	32	- 7	E	1	f	44	29	—						
†Yarmouth ...	29.95	39	ENE	1	bc	29.95	+ 02	38	37	+ 1	ENE	3	b	49	34	—						
The Helder ...	29.99	23	E	1	b	30.00	+ 06	29	29	- 2	E	1	b	36	29	—						
Cape Gris Nez ...	29.94	37	NR	1	b	29.94	+ 04	38	37	+ 1	SE	1	bc	41	?	—						
†Jersey ...	29.88	48	E	1	bc	29.93	- 05	45	45	+ 2	E	1	of	50	42	0.10						
Brest ...	29.86	47	Z	0	c	29.85	+ 01	47	46	- 1	SE	3	0	55	45	—						
Lorient ...	29.79	47	SE	3	0	29.85	+ 07	46	45	+ 1	SSE	4	m	52	43	0.12						
†Rochefort ...	29.82	50	Z	0	c	29.90	+ 12	43	41	- 5	SE	1	c	54	37	—						
Biarritz ...	29.79	53	S	4	bc	29.96	+ 15	50	45	+ 2	SE	3	c	61	43	—						
†Corunna ...	*	*	*	*	*	29.91	+ 22	53	*	+ 4	SW	1	0	*	*	*						
Brussels ...	*	*	*	*	*	29.95	+ 02	37	36	+ 3	Z	0	c	47	35	—						
Charleville ...	29.93	42	SSE	1	b	29.97	+ 02	33	31	0	ESE	1	m	51	31	—						
Paris ...	29.92	44	ENE	2	b	29.95	+ 02	40	40	+ 4	ENE	3	b	*	*	—						
Lyons ...	29.93	44	N	1	c	29.99	+ 03	42	39	- 3	SSE	1	0	52	41	—						
Toulon ...	30.04	47	E	7	0	30.00	- 05	3?	?	?	E	7	0	?	45	?						
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	29.64	35	S	3	0	28.68	+ 04	35	35	+ 2	SSW	2	f	37	36	—						

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

Hawes Junction	29.44	35	S	3	0	28.68	+ 04	35	+ 2	SSW	2	f	37	30	—			
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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 ...	30.10	38	31	SE	7	0	4	Valentia ...	29.77	48	47	SSE	4	od	4
Sumburgh Head	29.82	40	39	SSE	5	2	6	Scilly ...	29.85	49	48	ENE	2	of	5
Stornoway ...								Dover ..	29.90	45	43	E	2	b	1
Aberdeen ...	29.85	34	33	S	2	0	3	London ...	29.91	47	45	Z	0	fg	*
Shields ...	29.92	39	38	WSW	1	om	2	Yarmouth ...	29.94	40	39	SE	1	cm	2
Ardrossan ...	29.84	41	40	SSE	2	0	1	Jersey ...	29.88	49	47	ESE	2	bc	2
Mullaghmore ...	29.74	42	45	SSW	5	0	4	Rochefort ...	29.81	52	50	SE	2	0	2
Holyhead ...	29.88	44	43	SSW	1	m	0								

Very little change has occurred beyond a rather brisk decrease of pressure in the south 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); 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

FRIDAY, 18TH FEBRUARY.

1881.

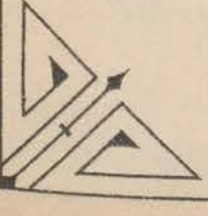
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ROBERT H. SCOTT

(SECRETARY.)



WEATHER CHARTS

Friday 18th FEBRUARY

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.

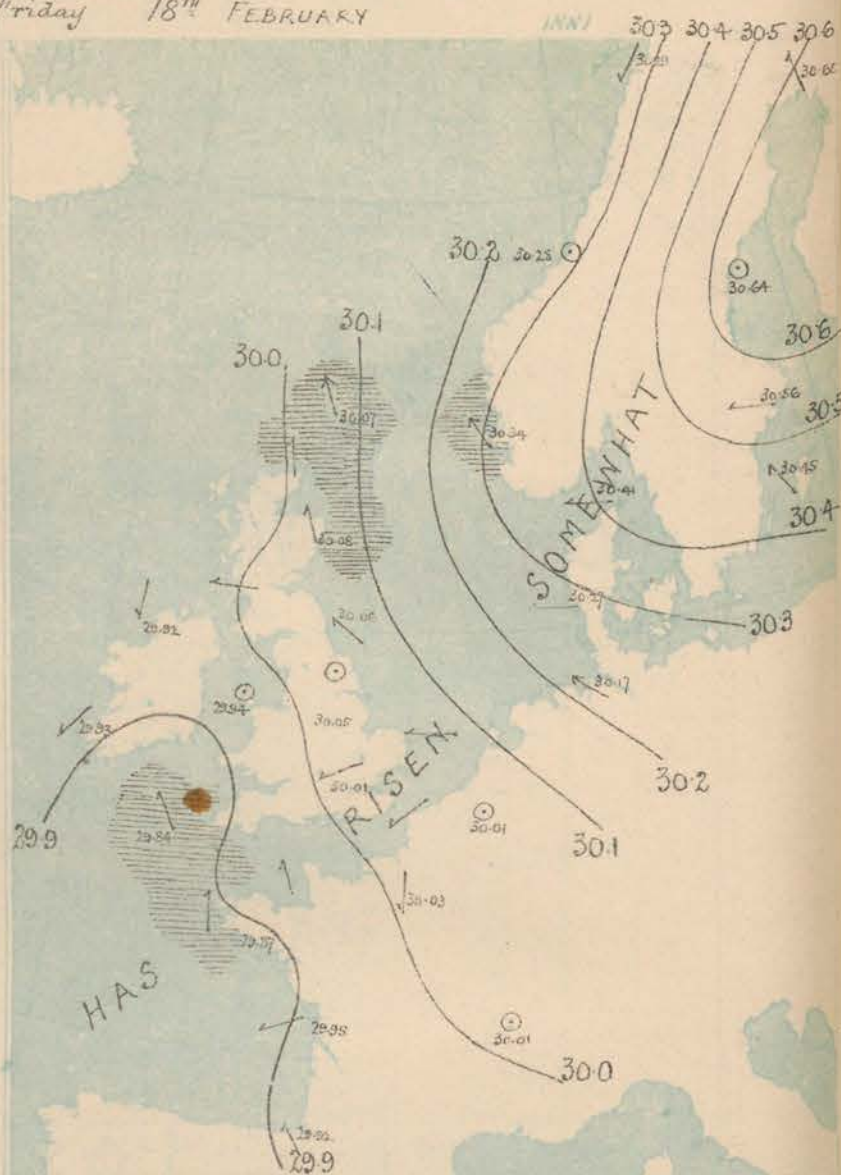
Sea Disturbance, when remarkable, is shown by shading round the coast thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of February

Stations	Mean Readings
Nairn	29.774
Aberdeen	29.789
Leith	29.847
Scarborough	29.908
Ardrossan	29.851
Greenock	29.843
Holyhead	29.880
Valentia	29.803
Roche's Pt.	29.822
Plymouth	29.923
LONDON	29.963
Wormouth	29.974

* 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

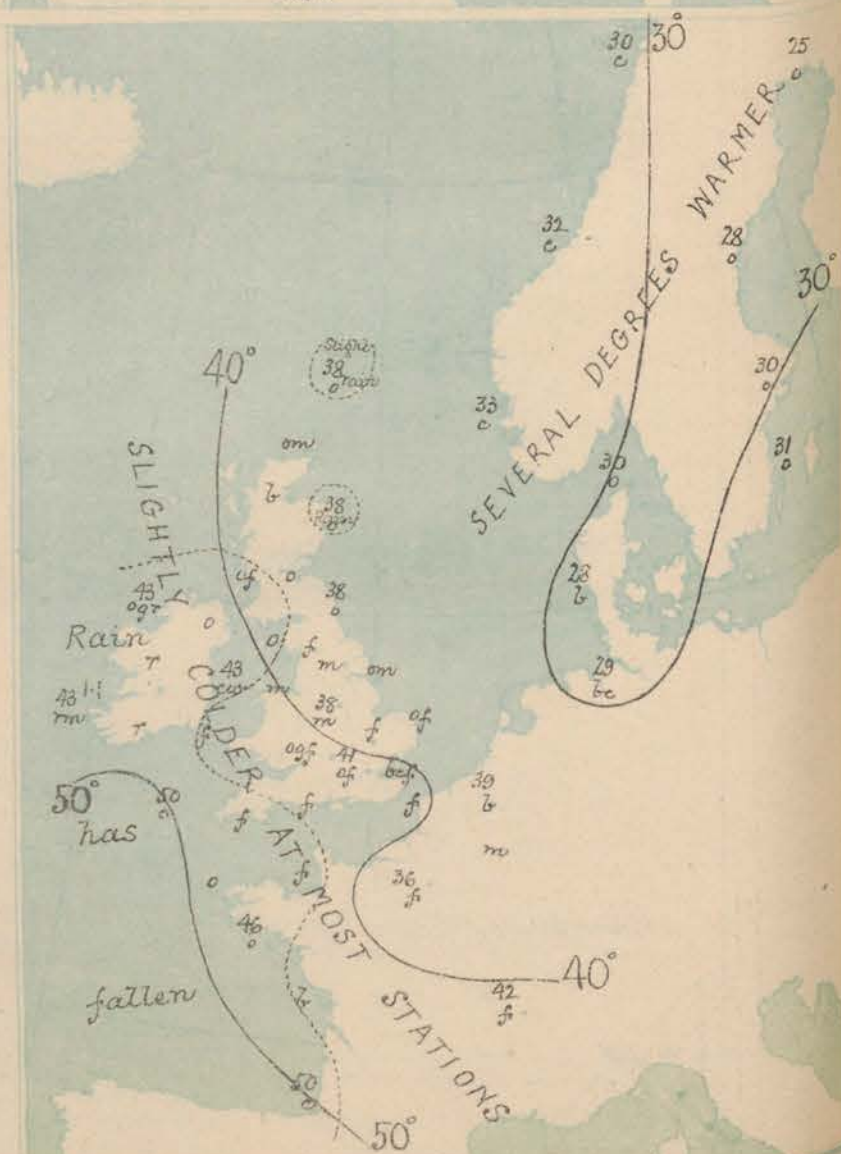
Temperature Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of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

MEANS* OF TEMPERATURE AND RAINFALL

for the month of February

Stations	Temp.	Rain-fall
Southport Head	38.5	2.40
Stornoway	39.4	4.31
Aberdeen	39.1	2.20
Blackf.	39.3	1.61
York	39.7	1.75
Malborough	41.7	"
Holyhead	42.5	2.37
Portsmouth	42.0	1.88
Valentia	43.0	4.31
Sally (St Mary's)	45.8	2.86
West Castle	41.9	"
Dover	41.0	1.75
LONDON	41.2	1.58
Wormouth	39.5	2.02

* 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

FRIDAY, 18th FEBRUARY 1881. at 8 a.m.

A further increase of pressure has occurred over the whole of Western Europe, but the change in the south-west has been very slight and a small shallow depression has been formed there. The highest pressure still lies over Scandinavia. The small depression noticed above has caused the wind to shift to the N^W over Ireland, and to E over nearly the whole of England but in Scotland S^W breezes are still reported. In the extreme north the wind is strong in force, but elsewhere it is light or moderate. The weather remains dull generally; a great deal of fog is reported from the Netherlands and the greater part of England, and rain from Ireland. During the past twenty-four hours slight rain has fallen in the west. Temperature has decreased in nearly all places except in the south and south-east of England and the west of France, and readings range from 50° at Lillie to 35° at Nairn. The maxima yesterday increased from about 40° in the E and N to 50° in the SW, while the minima last night were between 30° and 35° in the east of England and Scotland. The sea is rough in the north-east and south-west.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

19th FEBRUARY.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^W winds, strong; dull, misty.
2 SCOTLAND EAST	S ^W and SE ^W winds, moderate or light; dull, slight drizzling rain.
3 ENGLAND NE	— — —
4 ENGLAND EAST	E ^W winds, light; dull, foggy.
5 MIDLAND COUNTIES	E ^W winds, light; cloudy and foggy, then fair.
6 ENGLAND SOUTH	E ^W and SE ^W winds, light; cloudy and foggy, then fair.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	NE ^W breezes, light; cloudy, misty.
7 ENGLAND NW	E ^W winds, light and moderate; misty rain.
8 ENGLAND SW	SE ^W and S ^W breezes, light; dull, foggy.
9 IRELAND NORTH	N ^W and NE ^W breezes light and moderate; drizzling rain.
10 IRELAND SOUTH	— — —
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 18TH FEBRUARY 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										EAST 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 13).		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 13).			Max.	Min.			
Haparanda ...	30.60	28	S	4	o	30.65	+ 20	25	24	+ 6	S	2	o		25	18	—		
Hernösand ...	30.60	28	S	2	o	30.64	+ 45	28	28	+ 8	L	0	o		28	16	0.04		
Stockholm ...	30.49	30	NE	2	S	30.56	+ 10	30	29	+ 3	E	2	u		34	23	0.04		
Wisby ...	30.31	31	ENE	2	o	30.45	+ 12	31	31	+ 1	SSE	2	u		37	26	—		
Bodö ...	30.26	26	E	2	b	30.20	+ 11	28	28	+ 7	NE	4	e	2	30	21	—		
Christiansund ...	30.16	37	SE	2	o	30.28	+ 16	31	— 5	L	0	o	3		37	23	—		
† Skudesnaes ...	30.20	30	SSE	2	o	30.34	+ 15	30	31	0	SE	6	o	5	36	2	—		
Orskov (the Skaw) ...	30.39	28	NE	6	o	30.39	+ 64	30	30	+ 2	NE	4	o	2	?	27	—		
Fanö ...	30.27	25	ESE	4	b	30.41	+ 08	28	29	+ 1	E	3	o	0	?	28	—		
Cuxhaven ...	30.45	33	ESE	4	b	30.17	+ 08	29	28	0	ESE	5	b		?	27	—		
† Sumburgh Head ...	29.97	39	SSE	7	m	30.07	+ 20	38	37	— 3	SSE	6	o	6	41	26	0.02		
† Stornoway ...																			
Wick ...	29.93	39	S	7	o	30.03	+ 15	39	38	— 1	S	6	om	6	40	37	—		
Nairn ...	29.87	46	L	0	b	29.96	+ 15	35	35	— 6	L	0	b	1	44	35	—		
† Aberdeen ...	29.97	39	S	4	o	30.28	+ 14	38	37	— 1	SSE	4	o	5	40	37	0.02		
Leith ...	29.94	40	S	1	o	30.02	+ 11	37	36	— 3	E	1	o		43	36	—		
† Shields ...	29.96	38	SE	3	o	30.06	+ 10	38	37	— 1	SE	2	o	3	40	35	—		
Spurn Head ...	29.96	38	ESE	4	b	30.23	+ 05	39	38	+ 1	E	4	om	3	42	37	—		
York ...	29.97	42	E	1	o	30.05	+ 07	36	36	— 3	E	1	m		45	35	—		
Nottingham ...	29.96	39	ENE	2	b	30.05	+ 08	38	38	— 3	ENE	1	m		46	37	—		
† Ardrossan ...	29.90	42	ESE	1	o	30.01	+ 42	37	36	— 5	E	1	of	0	44	36	0.06		
† Mullaghmore ...	29.76	47	SSE	5	om	29.92	+ 19	43	42	— 2	N	4	ogf	4	48	40	0.31		
Donaghadee ...	29.76	42	SE	2	o	29.96	+ 12	42	42	— 2	SE	2	o	1	46	41	0.01		
Parsonstown ...	29.88	42	SE	1	o	29.91	+ 10	45	44	+ 1	SE	1	f		49	43	0.16		
Barrow-in-Furness ...	29.92	39	NE	3	o	29.97	+ 06	40	39	0	ESE	4	o	3	42	38	—		
† Holyhead ...	29.86	46	WNW	1	o	29.94	+ 06	43	42	+ 4	L	0	co	0	46	39	0.01		
Liverpool (Bidston) ...	29.92	49	SE	2	o	29.98	+ 07	40	40	0	ESE	3	m	1	45	40	—		
† Valentia ...	29.76	40	WNW	3	m	29.93	+ 19	42	41	— 3	NE	3	m	3	49	41	1.10		
Roche's Point ...	29.80	45	S	4	o	29.86	+ 06	44	44	— 3	N	4	f	4	50	40	0.92		
Pembroke ...	29.83	48	ESE	3	o	29.87	+ 04	43	43	+ 2	ESE	4	f	3	44	39	—		
† Scilly ...	29.82	49	S	4	o	29.86	+ 01	48	48	+ 1	SE	2	o	5	50	47	—		
Prawle Point ...	29.87	45	ESE	3	f	29.93	+ 06	45	45	0	ESE	3	f	2	46	40	0.13		
Hurst Castle ...	29.91	41	SE	1	m	29.98	+ 08	40	40	+ 5	L	0	f	2	43	35	—		
† Dover ...	29.94	42	E	1	b	30.02	+ 09	42	41	+ 3	NE	1	b	0	45	36	—		
† London ...	29.93	40	SE	1	o	30.01	+ 07	41	41	+ 5	ENE	1	of		42	36	—		
Oxford ...	29.94	40	L	0	o	30.01	+ 08	40	40	+ 6	ESE	1	ogf		44	33	0.04		
Cambridge ...	29.94	39	E	1	f	30.01	+ 06	39	39	+ 7	E	1	f		40	30	—		
† Yarmouth ...	29.96	38	E	2	b	30.01	+ 06	38	38	+	E	1	of	2	40	37	—		
The Heider ...	30.01	33	ENE	4	b	30.05	+ 05	38	38	+ 1	E	3	b	1	36	28	—		
Cape Gris Nez ...	29.97	44	L	0	m	30.02	+ 08	42	42	+ 4	ENE	1	f	0	38	37	—		
† Jersey ...	29.93	45	E	1	b	29.98	+ 05	45	45	— 2	SSE	2	f	2	46	42	0.06		
Brest ...	29.85	47	S	4	o	29.90	+ 05	47	46	0	S	3	o	2	52	46	0.20		
Lorient ...	29.82	46	SSE	4	m	29.87	+ 02	46	45	0	SSE	4	o	5	48	41	0.04		
† Rochefort ...	29.93	37	SSE	1	o	29.95	+ 05	46	45	+ 3	ENE	3	b	2	59	36	—		
Biarritz ...	29.95	53	NE	5	o	29.92	+ 07	50	45	0	SE	4	e	3	55	45	0.08		
Coronna ...	*	*	*	*	*	30.01	+ 06	39	39	+	L	0	b		51	36	—		
Brussels ...	*	*	*	*	*	30.01	+ 06	39	39	+ 2	L	0	b		51	36	—		
Charleville ...	29.88	40	L	0	b	29.03	+ 06	29	27	— 4	SE	1	m		51	28	—		
Paris ...	29.97	46	SSE	1	o	30.02	+ 08	36	35	— 4	N	3	f		*	*	—		
Lyons ...	29.96	48	E	1	o	30.01	+ 02	42	40	0	SE	1	f		51	41	—		
Toulon ...	30.01	50	E	4	b	30.08	+ 08	45	46	?	E	4	o	5	52	46	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction ...	28.67	35	ENE	4	o	28.74	+ 06	32	32	— 3	ENE	3	f	*	37	32	—		

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

Hawes Junction	28.67	35	ENE	4	o	28.74	+ 06	32	32	— 3	ENE	3	f	37	32	—			
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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 ...	30.22	32.	32	S	6	o	5	Valentia ...	29.74	48	47	SSE	4	m	4
Sumburgh Head	29.93	40	39	SSE	6	†	6	Scilly ...	29.83	50	50	ESE	4	o	4
Stornoway ...								Dover ..	29.92	44	43	E	1	om	0
Aberdeen ...	29.95	40	39	S	4	om	4	London ...	29.91	42	41	L	0	f	*
Shields ...	29.96	39	38	S	2	om	2	Yarmouth ...	29.95	40	39	ENE	2	b	2
Ardrossan ...	29.89	39	38	SSE	1	o	0	Jersey ...	29.93	45	45	SE	2	m	2
Mullaghmore ...	29.75	48	45	SSE	5	ogm	4	Rochefort ...	29.91	42	41	SSE	3	b	0
Holyhead ...	29.86	46	44	WNW	1	b	0								

No important 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. 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, 19TH FEBRUARY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

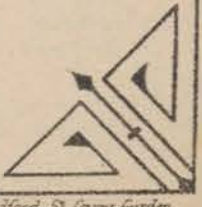
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ROBERT H. SCOTT
(SECRETARY.)



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

WEATHER CHARTS

for 8 a.m. SATURDAY 19th February. 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.

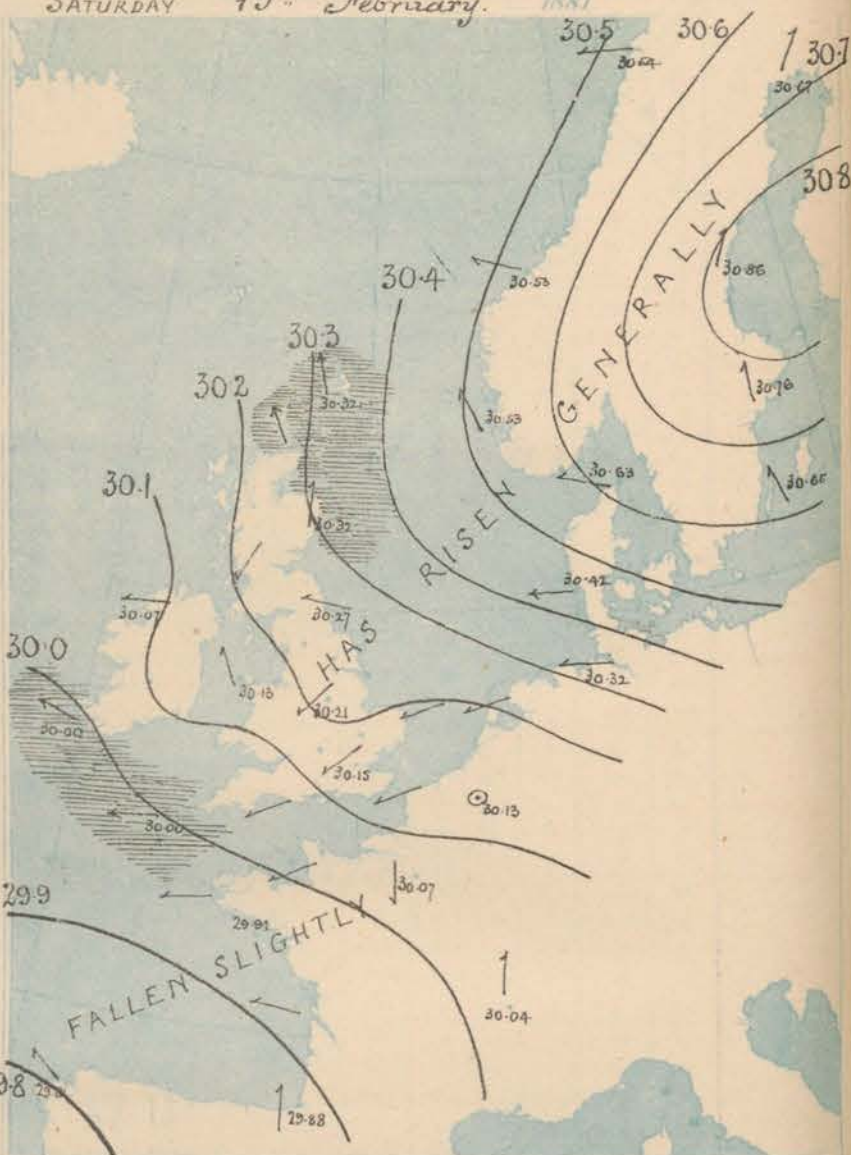
Wind arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:
— forces above 10; — forces 8 to 10;
— forces 5 to 7; — forces 1 to 4.
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of February

Stations	Mean Readings
Nairn	29.774
Aberdeen	29.789
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valencia	29.903
Reche's Pt.	29.912
Plymouth	29.893
LONDON	29.983
Wormouth	29.979

* 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.

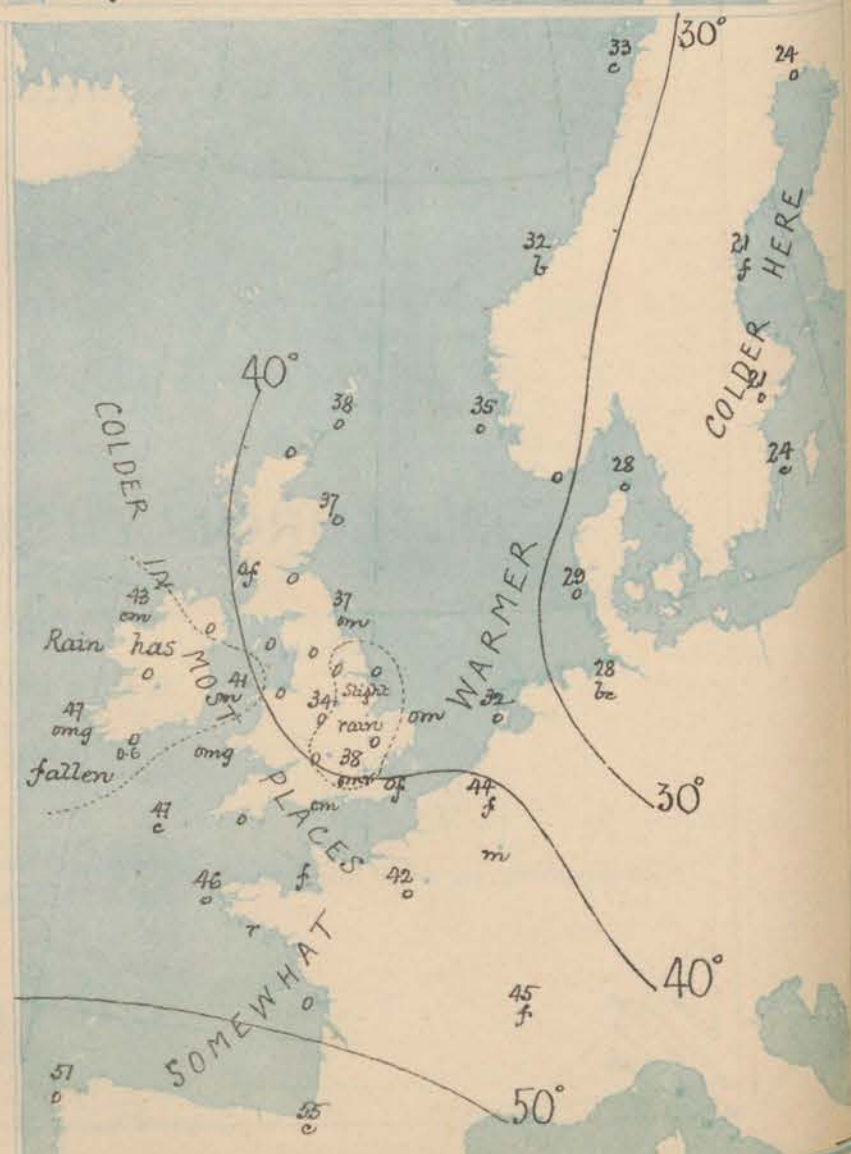
Explanation of Map.

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 February

Stations	Temp	Rain-fall
Sunderland Head	38.5	2.40
Stornoway	39.4	4.31
Aberdeen	39.1	2.29
Shetlands	39.3	1.61
York	39.7	1.75
Mullaghmore	41.7	?
Holyhead	42.5	2.37
Paranstown	42.0	1.08
Valencia	43.0	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.0	?
Dover	41.0	1.75
LONDON	41.2	1.58
Wormouth	39.5	2.06

* The mean Temperatures are those for the 15 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SATURDAY, 19TH FEBRUARY, 1881, at 8 a.m.

Pressure shows a tendency to decrease at some of the western French stations, but in all other parts of Western Europe the mercury is rising, the change being greatest over Scandinavia. In Sweden readings are as high as 30.86 ins., whence they decrease to 29.81 ins. at Corunna. The wind continues E^{ly} all over the North Sea, France and nearly the whole of England and Ireland and S^{ly} over Scotland. On our extreme north and south west coasts the wind blows freshly, but elsewhere it is light or moderate. The weather is overcast and very dull in almost all parts of Western Europe; thick wet mist or fog prevails over a large part of the United Kingdom and France, and rain is falling at Lorient. Heavy rain has fallen in south Ireland, and slight amounts have been measured at some of our W^{est} and central stations. Temperature has fallen in nearly all places, and ranges from 47° in the extreme SW to 30° at Narvik. Sea is rough in the south west and north east.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

20TH FEBRUARY.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH S^{ly} winds, strong; cloudy, dull.

7 SCOTLAND EAST SE^{ly} and S^{ly} breezes, light; dull, misty rain.

2 ENGLAND NE ———— 27° ———— 27° ———— 27°

3 ENGLAND EAST Light E^{ly} and NE^{ly} breezes; dull, gloomy, wet fog and mist.

4 MIDLAND COUNTIES ———— 29° ———— 28° ———— 28°

5 ENGLAND SOUTH ———— 27° ———— 27° ———— 27°

DISTRICTS

FORECASTS

6 SCOTLAND WEST Light breezes between NE and SE; dull, foggy.

7 ENGLAND N.W. E^{ly} and SE^{ly} breezes, light; dull, fog.

8 ENGLAND S.W. Fresh E^{ly} winds; dull, mist or drizzling rain.

9 IRELAND NORTH E^{ly} winds, fresh on west coast, moderate elsewhere; dull, drizzling rain.

10 IRELAND SOUTH ———— 27° ———— 27° ———— 27°

WARNINGS None issued.

METEOROLOGICAL OBSERVATIONS FOR 19TH FEBRUARY 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 ...	30.59	26	S	4	o	30.67	+ 0.2	24	24	- 1	SW	2	o	*	27	23	-		
Hernösand ...	30.74	26	S	2	o	30.86	+ 0.2	21	21	- 7	SW	2	f	*	28	?	-		
Stockholm ...	30.69	23	ESE	2	o	30.76	+ 0.2	21	20	- 9	ENE	2	o	*	32	24	-		
Wisby ...	30.54	24	SE	2	o	30.65	+ 0.2	24	23	- 7	SSE	2	e	*	32	19	-		
Bodö ...	30.41	32	E	2	o	30.54	+ 0.2	33	31	+ 3	E	2	e	1	?	28	-		
Christiansund ...	30.44	32	Z	o	o	30.53	+ 0.2	32	29	o	ESE	3	o	3	37	25	-		
†Skudesnaes ...	30.45	34	SE	6	b	30.53	+ 0.2	35	31	+ 2	SE	4	o	4	36	?	-		
Oxö (Klansund) ...	30.46	30	NR	4	o	30.57	+ 0.2	31	29	+ 1	E	4	o	2	?	28	-		
Skagen (The Skaw)	30.51	31	ESE	3	o	30.63	+ 0.2	28	27	- 2	ESE	4	o	2	32	25	-		
Fanö	30.38	28	E	4	b	30.42	+ 0.2	29	28	+ 1	E	6	o	*	32	27	-		
Cuxhaven ...	30.24	34	E	2	b	30.32	+ 0.2	28	27	- 1	E	3	bc	*	?	25	-		
†Sumburgh Head	30.21	39	SSE	5	o	30.32	+ 0.2	38	36	o	SSE	5	o	6	40	35	-		
†Stornoway ...																			
Wick ...	30.16	39	S	6	o	30.25	+ 0.2	39	38	o	SSE	6	o	5	42	37	-		
Nairn ...	30.08	37	Z	o	o	30.19	+ 0.2	30	30	- 5	Z	o	?	2	40	30	-		
†Aberdeen ...	30.22	38	SSE	3	o	30.32	+ 0.2	37	35	- 1	SSE	3	o	5	40	36	-		
Leith ...	30.15	39	SE	1	o	30.28	+ 0.2	36	35	- 1	SSE	3	o	*	44	35	-		
†Shields ...	30.16	38	SE	1	o	30.27	+ 0.2	37	36	- 1	ESE	2	om	4	40	35	-		
Spurn Head	30.14	37	E	4	o	30.21	+ 0.2	36	25	- 3	ENE	4	o	4	39	34	0.03		
York ...	30.14	39	E	1	o	30.25	+ 0.2	36	35	o	E	1	o	*	39	34	0.01		
Nottingham ...	30.05	40	ENE	1	o	30.21	+ 0.2	34	33	- 4	ENE	1	o	*	44	33	-		
†Ardrossan ...	30.13	39	NE	2	of	30.22	+ 0.2	37	36	o	NE	3	of	2	40	36	-		
†Mullaghmore ...	30.01	44	ENE	4	om	30.07	+ 0.2	43	42	o	E	4	om	3	46	42	0.13		
Donaghadee ...	30.09	42	SE	2	o	30.18	+ 0.2	40	39	- 2	SE	3	o	1	43	39	-		
Parsonstown ...	30.02	46	SE	1	o	30.10	+ 0.2	44	42	- 1	ESE	1	o	*	48	39	0.08		
Barrow-in-Farress	30.02	40	NE	4	o	30.18	+ 0.2	38	37	- 2	ESE	4	o	3	46	37	-		
†Holyhead ...	30.06	45	NY	1	c	30.13	+ 0.2	41	40	- 2	SSE	2	m	1	47	40	0.04		
Liverpool (Bidston)	30.09	42	SE	3	o	30.19	+ 0.2	37	35	- 3	E	3	o	1	45	37	-		
†Valentia ...	29.98	45	NNE	4	o	30.00	+ 0.2	47	46	+ 4	ESE	6	omg	6	48	42	0.29		
Roche's Point ...	29.96	47	SE	3	r	30.04	+ 0.2	44	43	o	ESE	4	o	4	48	43	0.50		
Pembroke ...	30.00	40	ESE	3	o	30.05	+ 0.2	42	41	- 2	ESE	3	om	2	44	42	-		
†Scilly ...	29.98	50	ESE	4	o	30.00	+ 0.2	47	46	- 3	E	6	e	5	51	46	-		
Prawle Point	30.01	44	ENE	3	o	30.07	+ 0.2	42	41	- 3	ENE	5	o	4	46	46	-		
Hurst Castle	30.05	40	ESE	1	m	30.10	+ 0.2	41	40	+ 1	ENE	3	om	2	44	39	-		
†Dover ...	30.09	41	E	1	of	30.12	+ 0.2	41	40	- 1	NE	2	of	1	45	40	-		
†London ...	30.08	45	E	1	of	30.15	+ 0.2	38	37	- 3	ENE	3	omg	*	46	38	-		
Oxford ...	30.12	42	Z	o	o	30.15	+ 0.2	38	38	- 2	NE	1	o	*	43	38	0.01		
Cambridge	30.11	42	E	1	o	30.17	+ 0.2	35	34	- 4	NE	1	o	*	42	38	0.01		
†Yarmouth ...	30.11	38	ENE	1	m	30.17	+ 0.2	35	35	- 3	ENE	3	om	3	38	34	-		
The Helder ...	30.15	33	ENE	1	b	30.19	+ 0.2	32	31	+ 2	ENE	2	o	2	?	30	-		
Cape Gris Nez	30.10	41	NE	3	f	30.15	+ 0.2	40	40	- 2	ENE	4	?	3	46	37	-		
†Jersey ...	30.03	45	NE	2	f	30.06	+ 0.2	42	42	- 1	ENE	3	f	3	49	42	-		
Brest ...	29.95	49	SSE	2	o	29.93	+ 0.2	46	45	- 1	E	4	o	3	50	45	-		
Lorient ...	29.93	48	SE	3	m	29.91	+ 0.2	47	46	+ 1	ESE	4	r	4	48	43	-		
†Rochefort ...	29.92	54	ESE	4	o	29.93	- 0.2	48	46	+ 2	ESE	4	o	2	63	39	-		
Biarritz ...	29.88	39	S	4	c	29.88	- 0.2	35	45	+ 5	S	3	e	3	64	46	-		
Corunna ...	*	*	*	*	*	29.81	+ 0.1	37	*	- 8	SE	1	o	5	*	*	*		
Brussels	*	*	*	*	*	30.13	+ 0.2	44	44	+ 5	SE	1	f	*	48	33	-		
Charleville ...	30.06	42	S	1	b	30.10	+ 0.2	32	31	+ 3	SSE	1	m	*	53	30	-		
Paris ...	30.04	45	NE	1	bc	30.07	+ 0.2	42	41	+ 6	N	1	o	*	*	*	-		
Lyons ...	30.07	50	SE	1	bc	30.09	+ 0.2	45	44	+ 3	S	1	f	*	55	?	-		
Toulon ...																			

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

Hawes Junction	28.85	34	ENE	4	o	28.94	+ 0.2	31	31	- 1	E	4	o	36	31	0.01
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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 ...	30.41	36	22	SE	5	a	5	Valentia ...	29.96	46	44	NE	3	om	4
Sumburgh Head	30.16	39	37	NE	6	a	6	Scilly ...	29.90	51	50	SE	4	o	5
Stornoway ...								Dover ..	30.05	42	42	E	1	o	0
Aberdeen ...	30.16	40	39	S	3	o	5	London ...	30.04	46	44	E	1	ogf	*
Shields ...	30.12	39	38	SE	1	o	3	Yarmouth ...	30.06	38	38	E	2	om	2
Ardrossan ...	30.07	40	39	NE	2	o	1	Jersey... ..	30.01	47	47	SSE	2	c	2
Mullaghmore ...	29.99	43	43	NE	2	gmd	3	Rochefort ...	29.95	57	54	ESE	4	c	2
Holyhead... ..	30.04	46	45	NW	2	cp	1								

No important 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. 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

SUNDAY, 20TH FEBRUARY.

1881.

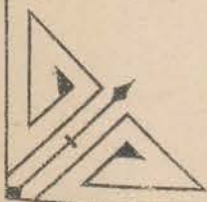
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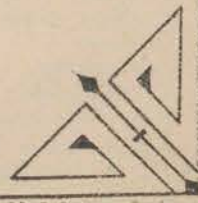
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ROBERT H. SCOTT
(SECRETARY.)



Fredk. Dangerfield, Lith. 22 Bedford St. Covent Garden.

WEATHER CHARTS

for N. & M. Sunday 20th FEBRUARY 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.

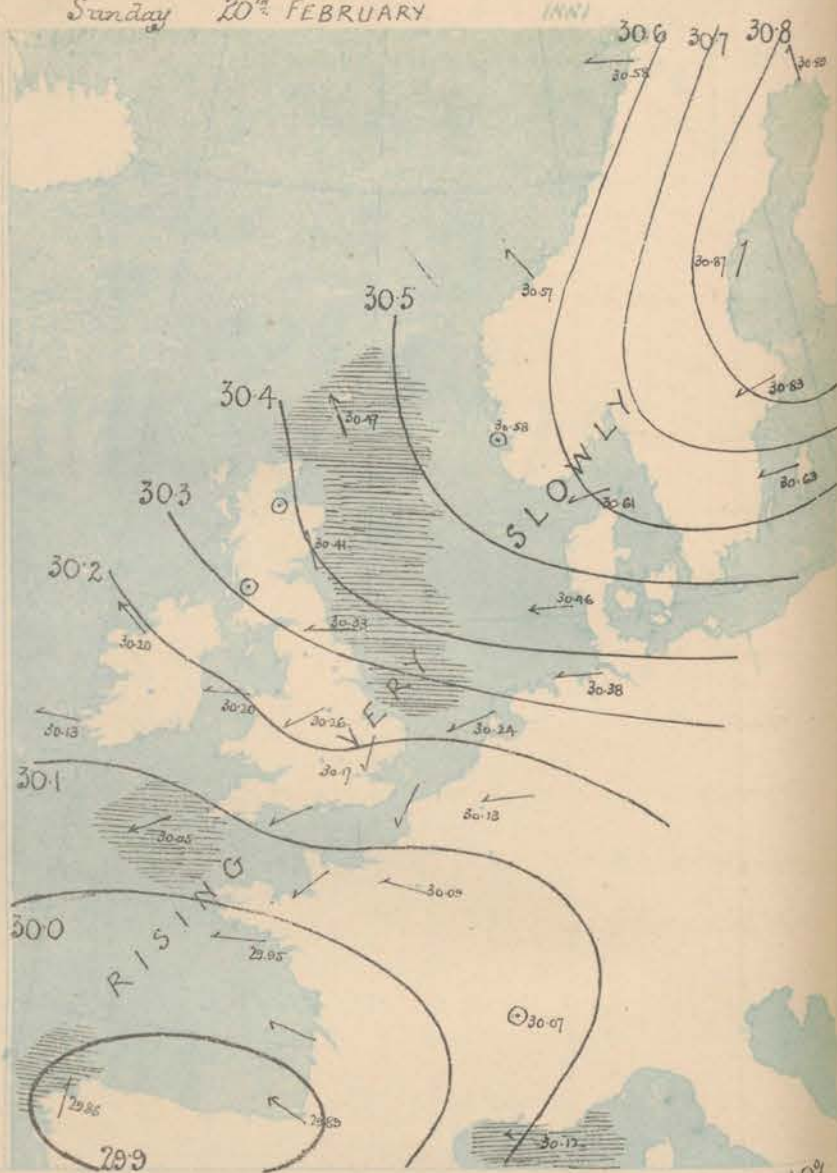
Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:
 — force above 10. — force 8 to 10.
 — force 5 to 7. — force 1 to 4.
 ○, dead calm.

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

MEAN HEIGHT of the BAROMETER for the month of February.

Stations	Mean Readings in.
Nairn	29.774
Aberdeen	29.799
Leith	29.844
Scarborough	29.868
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valentia	29.903
Roche's Pt.	29.922
Plymouth	29.903
LONDON	29.983
Yarmouth	29.974

* 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.

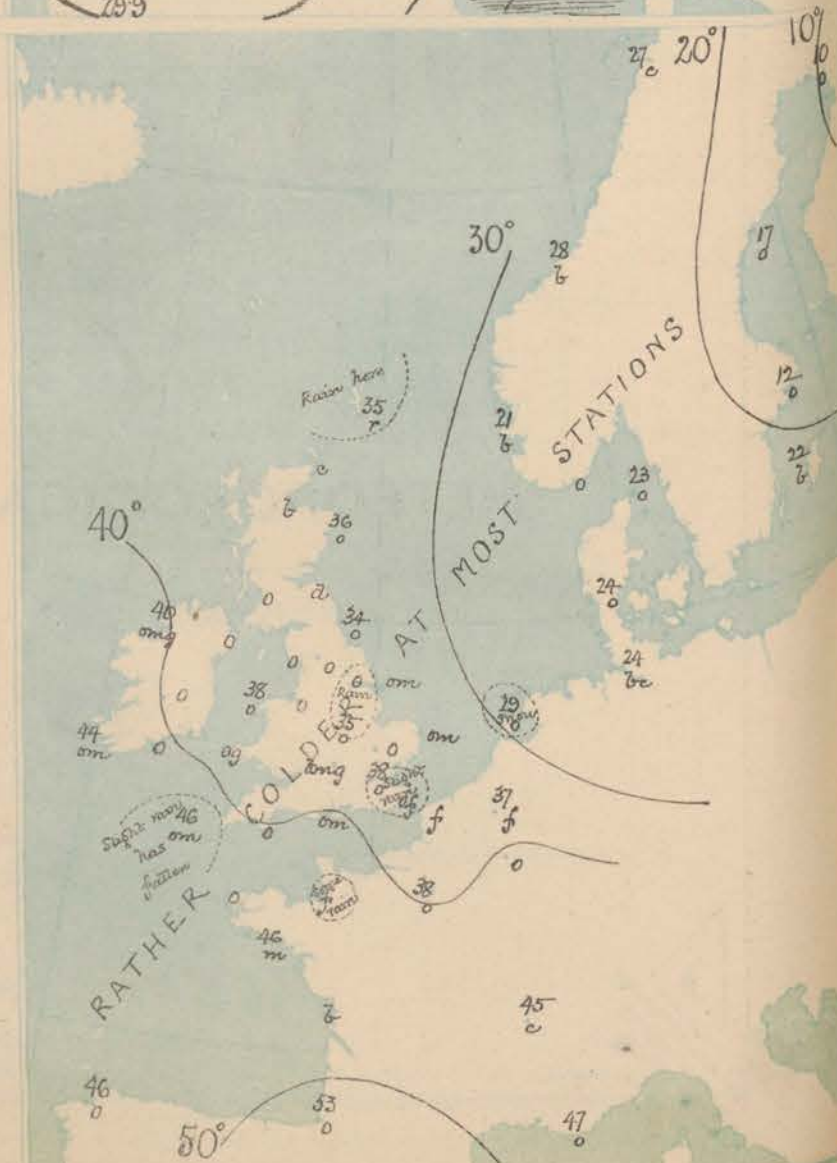
Weather. Letters of the Beaufort Scale show state of Weather in N. & M.

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 February

Stations	Temp.	Rain-fall in.
Sanbury's Head	38.5	7.90
Sornoway	39.4	4.41
Aberdeen	39.1	2.50
Shetland	39.3	1.61
York	39.7	1.75
Mullingrove	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.08
Valentia	43.9	4.34
Sally (St Mary's)	45.8	2.68
Hurst Castle	41.0	?
Dover	41.0	1.75
LONDON	41.2	1.58
Yarmouth	39.5	2.05

* 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

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

Since yesterday the relative distribution of pressure has undergone very little, if any, change; but the barometer has risen generally, and readings in the north of our Islands are above 30.4 in., while in the Gulf of Bothnia (Haparanda) the barometer stands at 30.89 in..

The winds are also unchanged; they are still E^{ly} at all the more southern stations, but SE^{ly} in the north, and, though light or moderate in force generally, blow rather freshly at some of our north western stations, and strongly at Scilly and in Denmark.

Temperature has fallen a few degrees except in the south east of England, and readings in our Islands now range from 46° at Scilly to 34° at York and 31° at Hains. In Sweden the thermometer ranges from 10° at Haparanda to 22° at Wisby. A minimum of 34° was registered during the night at nearly all our eastern and northern stations. The weather continues overcast in nearly all places, with fog or mist over the south and east of England. Heavy rain has fallen in London, and slight amounts at some eastern stations, but in the west and north the weather has been perfectly dry. The sea is rather rough on our NE coasts and at Scilly, moderate or slight 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

- NONE ISSUED -

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

- NONE ISSUED -

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR 20th February 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.	Sec. (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 ...	30.36	19	SW	2	o	30.84	+ 22	10	10	— 14	S	4	o	*	25	?	—		
Hernösand ...	30.30	21	SSE	2	o	30.87	+ 21	17	17	— 4	SW	2	o	*	27	?	—		
Stockholm ...	30.31	20	NE	4	o	30.63	+ 27	12	12	— 9	E	2	o	*	27	?	—		
Wisby ...	30.64	20	E	2	o	30.63	— 22	22	21	— 2	ESE	2	o	*	30	14	—		
Bodö ...	30.60	26	E	2	o	30.58	+ 24	27	26	— 6	E	2	o	*	?	25	—		
Christiansund ...	30.60	27	SW	1	o	30.57	+ 24	28	27	— 4	SE	2	o	*	34	18	—		
† Skudesnaes ...	30.33	27	SSE	6	o	30.58	+ 25	21	21	— 14	Z	o	o	3	37	?	—		
Oxö (Xiänsund) ...	30.60	28	ENE	6	o	30.63	+ 26	24	23	— 7	NE	6	o	+	2	23	—		
Skagen (The Skaw) ...	30.63	25	ENE	4	o	30.61	— 22	23	21	— 5	ENE	6	o	3	30	21	—		
Fanö ...	30.44	26	E	6	o	30.46	+ 24	24	22	— 5	E	6	o	*	28	23	—		
Cuxhaven ...	30.38	29	ESE	5	bo	30.38	+ 26	24	24	— 4	E	4	bo	*	?	23	—		
† Sumburgh Head ...	30.24	37	SSE	5	o	30.47	+ 15	25	34	— 3	SSE	5	r	5	39	34	0.03		
† Stornoway ...																			
Wick ...	30.28	38	SSE	6	o	30.39	+ 14	37	34	— 2	S	5	c	5	39	36	—		
Nairn ...	30.22	35	S	2	bo	30.32	+ 14	31	30	+ 1	Z	o	o	1	41	29	—		
† Aberdeen ...	30.33	37	SSE	4	o	30.41	+ 20	36	34	— 1	SSE	4	o	5	38	34	—		
Leith ...	30.28	36	SE	2	o	30.25	+ 27	35	34	— 1	ESE	1	o	*	37	34	—		
† Shields ...	30.27	36	E	3	o	30.28	+ 26	34	33	— 2	E	3	o	5	38	34	—		
Spurn Head ...	30.40	37	E	4	o	30.27	+ 26	36	35	— 2	E	5	o	5	38	34	—		
York ...	30.23	37	ENE	1	o	30.32	+ 27	34	34	— 2	E	1	o	*	38	34	0.03		
Nottingham ...	30.21	36	ENE	2	o	30.26	+ 25	35	35	+ 1	ENE	1	o	*	37	34	0.01		
† Ardrossan ...	30.25	38	NE	3	o	30.32	+ 20	37	36	— 2	NE	1	o	1	40	34	—		
† Mullaghmore ...	30.38	44	SE	5	o	30.20	+ 23	40	38	— 3	ESE	5	om	4	46	37	—		
Donaghadee ...	30.20	40	SE	3	o	30.26	+ 28	39	38	— 1	SE	4	o	2	44	38	—		
Parsonstown ...	30.12	44	SSE	1	o	30.21	+ 11	39	37	— 5	SE	1	o	*	42	39	—		
Barrow-in-Furness ...	30.20	37	ESE	5	o	30.24	+ 26	37	35	— 1	NE	5	o	4	39	36	—		
† Holyhead ...	30.18	42	E	3	om	30.20	+ 27	38	37	— 3	E	4	o	3	43	36	—		
Liverpool (Biston) ...	30.21	37	E	2	o	30.25	+ 26	36	35	— 1	E	3	o	2	38	36	—		
† Valentia ...	30.05	47	ESE	4	o	30.13	+ 13	44	42	— 3	E	3	om	4	50	43	—		
Roche's Point ...	30.09	46	ESE	4	o	30.13	+ 29	40	38	— 4	ENE	4	o	4	49	39	—		
Pembroke ...	30.08	42	ESE	3	o	30.13	+ 28	37	38	— 3	ENE	3	og	2	44	38	—		
† Scilly ...	30.02	47	E	6	o	30.05	+ 25	46	45	— 1	ENE	6	om	5	48	44	0.02		
Prawle Point ...	30.06	42	NE	5	o	30.11	+ 24	40	39	— 2	NE	4	o	4	43	38	—		
Hurst Castle ...	30.10	40	ENE	4	f	30.12	+ 22	40	39	— 1	ENE	3	om	2	45	38	—		
† Dover ...	30.11	42	ENE	3	of	30.14	+ 22	42	41	+ 2	NE	4	of	2	44	41	0.08		
† London ...	30.14	38	NE	2	o	30.17	+ 22	38	37	— 2	NNE	3	o	*	36	36	0.21		
Oxford ...	30.16	35	NE	3	od	30.19	+ 24	37	36	— 1	N	2	god	*	38	34	—		
Cambridge ...	30.16	37	NE	1	o	30.21	+ 24	36	36	+ 1	NE	1	o	*	38	34	—		
† Yarmouth ...	30.16	37	ENE	3	o	30.20	+ 23	35	35	— 2	ENE	3	om	3	38	34	—		
The Helder ...	30.24	32	E	3	o	30.24	+ 25	29	28	— 3	ENE	3	o	2	34	28	0.12		
Cape Gris Nez ...	30.11	37	ENE	5	f	30.12	— 23	38	38	— 2	NE	4	f	3	45	37	—		
† Jersey ...	30.04	43	ENE	3	o	30.08	+ 22	42	42	+ 1	ENE	3	f	2	46	42	—		
Brest ...	29.96	48	E	4	o	30.01	+ 28	45	44	— 1	E	3	o	2	52	?	—		
Lorient ...	29.93	57	SE	3	m	29.95	+ 24	46	45	— 1	E	4	m	3	52	45	—		
† Rochefort ...	29.94	54	ESE	4	c	29.96	+ 23	46	42	— 2	ESE	3	o	1	61	41	—		
Biarritz ...	29.88	59	E	5	c	29.89	+ 21	53	47	— 2	ESE	3	o	4	64	45	—		
Corunna ...	*	*	*	*	*	29.82	+ 27	46	*	— 5	S	1	o	5	*	*	*		
Brussels ...	*	*	*	*	*	30.13	00	27	37	— 7	E	1	f	*	21	36	—		
Charleville ...	30.09	42	S	1	o	30.09	— 21	42	42	+ 10	ESE	4	o	*	48	3	—		
Paris ...	30.35	50	NNE	1	o	30.09	+ 22	38	38	— 4	?ESE	4	o	*	*	*	—		
Lyons ...	30.04	50	SSE	1	bo	30.07	+ 23	45	43	— 2	SSE	1	o	*	56	44	—		
Toulon ...	30.24	48	ESE	7	o	30.12	+ 22	47	45	+ 1	E	7	o	5	57	46	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.95	31	E	4	om	29.01	+ 27	30	30	— 1	ENE	4	o	*	32	30	—		

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

Hawes Junction	29.95	31	E	4	om	29.95	+ 27	30	30	— 1	ENE	4	c	*	32	30	—
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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 ...	30.54	37	31	SSE	4	o	Valentia ...	30.03	50	48	SE	5	om
Sumburgh Head ...	30.04	38	35	SSE	5	o	Scilly ...	30.02	48	47	E	7	o
Stornoway ...							Dover ...	30.10	48	42	NE	3	of
Aberdeen ...	30.32	37	35	SSE	4	o	London ...	30.14	38	37	E	3	ogm
Shields ...	30.26	37	36	ESE	2	o	Yarmouth ...	30.15	37	37	ENE	3	o
Ardrossan ...							Jersey ...						
Mullaghmore ...	30.08	45	42	SE	5	omg	Rochefort ...	29.94	59	54	SSE	4	c
Holyhead ...	30.15	43	41	E	3	m							

Pressure is going way a little in the SE, but still increases generally and the wind which draws from E in the S. into S. in the N. blows more strongly than of late. The weather remains 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; m. misty (hazy) or 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 FEBRUARY.

1881.

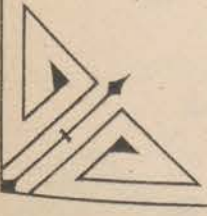
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ROBERT H. SCOTT
(SECRETARY.)

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

WEATHER CHARTS

for 8 a.m. on Monday 21st FEBRUARY 1881

BAROMETER, WIND & SEA

Explanation of Map

Barometer readings are shown 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 backs and feathers refer to force.

Force about 10, force 5 to 10, force 5 to 7, force 1 to 5.

0 = dead calm.

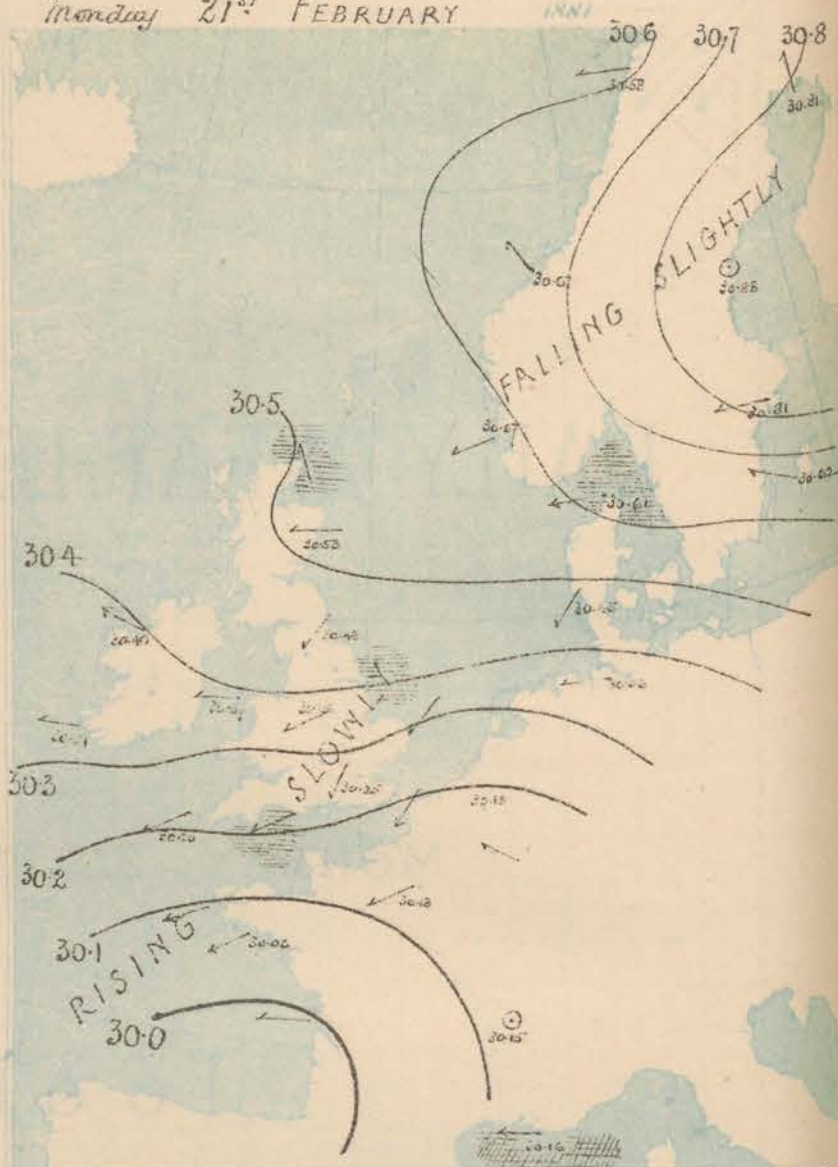
Sea Disturbances, when considerable, are shown by shading round the coast, thus: rough, high.

MEAN HEIGHT of the BAROMETER

for the month of February

Stations	Mean Readings
Nurn	29.774
Aberdeen	29.799
Leith	29.842
Scarborough	29.908
Ardrossan	29.932
Greenock	29.842
Holyhead	29.889
Valencia	29.892
Rochester	29.922
Plymouth	29.943
LONDON	29.961
Farmouth	29.974

* These means are for the 30 years 1851-80. 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.

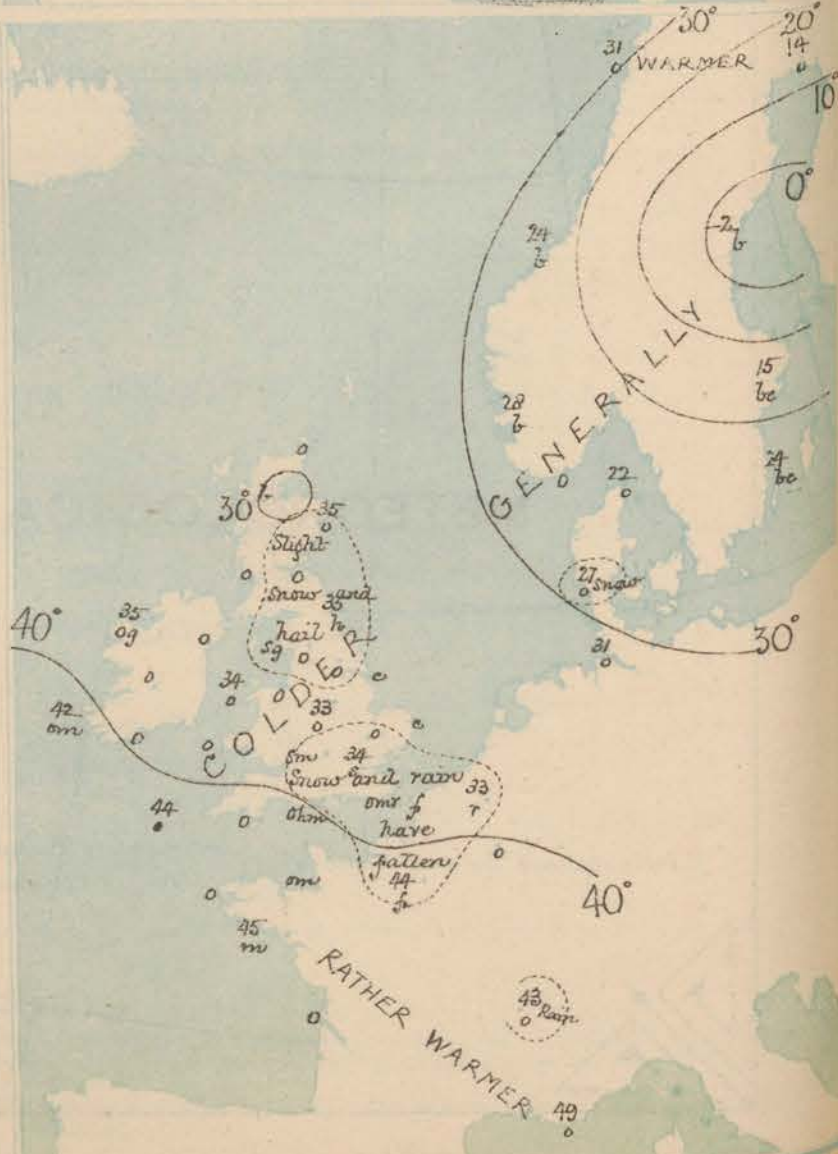
MEANS* OF TEMPERATURE

AND RAINFALL

for the month of February

Stations	Temp	Rainfall
Sandburgh Head	38.5	1.40
Severnway	39.4	1.31
Aberdeen	39.1	1.21
Shetlands	39.3	1.61
Leith	39.7	1.75
Mallochmore	41.7	1.75
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Harold Castle	41.0	1.75
Dover	41.0	1.58
LONDON	41.2	1.58
Farmouth	39.5	3.05

* The mean Temperatures are those for the 30 years 1851-80; the mean amounts of Rain are those for the 30 years 1861 to 1890.



REMARKS

for MONDAY, 21st FEBRUARY. 1887, at 8 a.m.

Pressure still increases slowly over these Islands and France, but a slight decrease has commenced over Scandinavia. Within the area of highest pressure which is still shown over Sweden, the barometer is as high as 30.88 in., whence readings decrease to 29.99 in. in the south west of France. The wind is E^{ly} to NE^{ly} over the North Sea, England, Ireland and France, but still draws into SE in Scotland; it blows rather fresh over the Channel and Bay of Biscay, but is light or moderate generally. The weather is fine over a large part of Scandinavia, but remains dull elsewhere, with showers of rain and sleet over the south of England and of hail at Shields. Rather heavy rain and snow has fallen in London, and slight snow on NW and NE coasts. Temperature has fallen generally, and ranges from 66° at Lilly to 29° at Naim. Temperature was low all over the country during yesterday, and last night the thermometer fell to 25° at Naim, to 31° at Leith, York and Nottingham, and 32° at Shields, Darwen in France, Liverpool and Cambridge. The sea is rough in the north-east.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

22nd FEBRUARY.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	E ^{ly} and SE ^{ly} breezes, light; dull, some cold showers.	6 SCOTLAND WEST	Light E ^{ly} and NE ^{ly} breezes; dull, rather cold.
2 SCOTLAND EAST	.....	7 ENGLAND N.W.	Moderate E ^{ly} breezes; dull, cold showers.
3 ENGLAND N.E.	Moderate E ^{ly} and NE ^{ly} winds; cold and raw weather. Showers of cold rain, sleet or hail.	8 ENGLAND S.W.	E ^{ly} and NE ^{ly} breezes, moderate and fresh; dull, cold.
4 ENGLAND EAST	.....	9 IRELAND NORTH	E ^{ly} winds, light and fresh; dull, gloomy, cold weather.
5 MIDLAND COUNTIES	.....	10 IRELAND SOUTH	.....
6 ENGLAND SOUTH	.....	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 21st February 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 ...	30.88	9	S	2	o	30.88	- .08	14	13	+ 4	S	2	o	*	14	-13	-	
Hernösand ...	30.90	14	S	2	o	30.88	+ .01	-2	-3	- 19	Z	o	o	*	23	?	-	
Stockholm ...	30.82	13	NE	4	o	30.81	- .02	15	15	+ 3	E	2	o	*	21	10	-	
Wisby ...	30.62	27	ESE	4	o	30.62	- .01	24	23	+ 2	ESE	4	o	*	30	12	-	
Bodö ...	30.60	27	SE	4	r	30.58	00	31	29	+ 4	E	2	o	2	?	25	-	
Christiansund...	30.67	27	SE	1	o	30.67	+ .10	24	24	- 4	SE	1	o	2	34	14	-	
†Skudesnaes ...	30.60	25	Z	o	o	30.59	- .01	28	24	+ 7	FNE	2	o	2	34	21	-	
Oxö (Xtiansund)...	30.59	27	ENE	6	o	30.62	- .01	23	21	- 1	NNE	4	o	3	27	23	-	
Skagen (The Skaw)	30.60	25	E	5	o	30.61	00	22	20	- 1	E	5	o	5	25	21	-	
Fanö ...	30.42	26	ENE	4	o	30.45	- .03	27	26	+ 3	ENE	4	o	*	27	?	0.04	
Cuxhaven ...	30.39	36	E	2	o	30.36	- .02	31	30	+ 7	E	3	o	*	?	23	-	
†Sumburgh Head																		
†Stornoway ...																		
Wick ...	30.46	36	S	5	o	30.50	+ .11	37	36	o	SSE	3	o	6	38	33	-	
Nairn ...	30.47	32	Z	o	o	30.51	+ .18	29	27	- 2	Z	o	o	1	40	25	-	
†Aberdeen ...	30.48	35	SE	3	o	30.53	+ .12	35	33	- 1	E	3	o	4	26	33	0.03	
Leith ...	30.41	36	SE	2	o	30.48	+ .13	34	33	- 1	SE	1	o	*	36	31	0.02	
†Shields ...	30.39	35	E	2	o	30.45	+ .10	35	35	+ 1	ENE	2	h	4	35	32	0.02	
Spurn Head ...	30.30	35	ENE	4	o	30.35	+ .08	34	34	- 2	NE	5	c	5	37	34	0.04	
York ...	30.25	34	E	1	o	30.40	+ .08	33	32	- 1	NNE	1	o	*	35	31	0.02	
Nottingham ...	30.31	33	NNE	3	o	30.35	+ .09	33	32	- 2	ENE	2	o	*	35	31	-	
†Ardrossan ...	30.29	36	E	2	o	30.48	+ .16	34	33	- 3	ENE	3	o	2	38	33	-	
†Mullaghmore ...	30.27	39	E	5	r	30.40	+ .20	35	33	- 5	ESE	5	og	4	40	35	0.01	
Donaghadee ...	30.23	37	SE	5	c	30.43	+ .17	35	33	- 4	SE	4	o	2	39	34	-	
Parsonstown ...	30.25	40	E	1	o	30.29	+ .18	35	33	- 4	ENE	1	o	*	41	35	-	
Barrow-in-Furness	30.29	35	NE	3	o	30.40	+ .16	37	36	o	NE	3	sg	4	39	32	0.02	
†Holyhead ...	30.25	39	E	4	o	30.37	+ .17	34	33	- 4	E	4	o	5	40	33	-	
Liverpool (Bidston)	30.31	35	ENE	4	o	30.39	+ .14	35	34	- 3	ENE	3	o	2	37	32	-	
†Valentia ...	30.18	44	E	3	ang	30.31	+ .18	42	40	- 2	E	3	om	2	46	42	-	
Roche's Point...	30.17	42	E	4	o	30.33	+ .20	39	37	- 1	ENE	3	o	11	47	38	-	
Pembroke ...	30.16	40	ENE	3	o	30.27	+ .14	38	34	- 4	ENE	3	o	2	42	38	-	
†Scilly ...	30.09	46	ENE	6	o	30.20	+ .15	44	43	- 2	ENE	4	o	4	46	43	-	
Prawle Point ...	30.13	41	NE	4	o	30.24	+ .16	41	40	+ 1	NE	5	o	5	41	36	-	
Hurst Castle ...	30.15	40	ENE	4	m	30.22	+ .10	40	40	o	ENE	2	om	2	42	38	-	
†Dover ...	30.16	40	ENE	4	of	30.21	+ .07	37	34	- 6	NE	4	om	2	43	36	0.06	
†London ...	30.20	37	NE	2	r	30.25	+ .08	34	34	- 4	NNE	3	o	*	39	35	0.38	
Oxford ...	30.24	35	NE	2	o	30.28	+ .09	33	33	- 4	N	3	o	*	37	33	0.05	
Cambridge ...	30.23	35	NE	1	o	30.30	+ .09	33	32	- 3	NE	1	o	*	37	32	0.21	
†Yarmouth ...	30.22	35	ESE	4	ofg	30.28	+ .08	34	33	- 1	NE	4	c	4	36	30	-	
†The Helder ...	30.28	29	ENE	3	o	30.27	+ .03	30	29	+ 1	ENE	2	o	2	30	28	-	
Cape Gris Nez	30.15	38	NE	4	f	30.18	+ .06	36	36	- 2	NE	5	f	4	41	36	0.12	
†Jersey ...	30.11	43	ENE	2	m	30.18	+ .10	43	43	o	NE	3	om	2	44	41	-	
Brest ...	30.06	45	NE	4	m	30.10	+ .09	43	43	- 2	ENE	5	o	3	50	44	-	
Lorient ...	29.98	52	E	4	m	30.06	+ .11	45	44	- 1	ENE	5	m	2	55	43	-	
†Rochefort ...	?	55	E	1	c	29.99	+ .03	50	?	+ 4	E	4	o	2	63	41	-	
Biarritz ...																		
Corunna ...	*	*	*	*	*									*	*	*		
Brussels ...	*	*	*	*	*	30.19	+ .04	33	33	- 4	NE	1	r	*	48	33	0.04	
Charleville ...	30.12	41	SE	1	o	30.13	+ .04	41	39	- 1	ESE	3	o	*	50	40	-	
Paris ...	30.09	46	ENE	3	o	30.13	+ .04	44	43	+ 6	ENE	3	f	*	*	*	0.04	
Lyons ...	30.04	51	NNW	1	o	30.15	+ .08	43	42	- 2	W	1	o	*	53	42	0.08	
Toulon ...	30.08	48	E	8	o	30.16	+ .04	49	47	+ 2	E	7	o	7	50	46	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.94	28	ENE	4	o	29.10	+ .09	28	27	- 2	ENE	4	o	*	35	26	-	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes ...	30.58	35	30	Z	o	o	Valentia ...						
Sumburgh Head ...							Scilly ...						
Stornoway ...							Dover ..						*
Aberdeen ...							London ...						
Shields ...							Yarmouth ...						
Ardrossan ...							Jersey ...						
Mullaghmore ...							Rochefort ...	29.96	38	35	SSE	3	o
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, 22nd FEBRUARY.

1881.

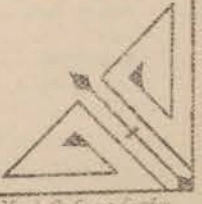
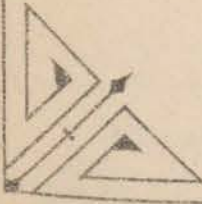
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ROBERT H. SCOTT
(SECRETARY.)

Fred^l Dwyerfield Lith 22 Bedford St. Anne's Court

WEATHER CHARTS

for N. O. W. Tuesday 22nd FEBRUARY. 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.

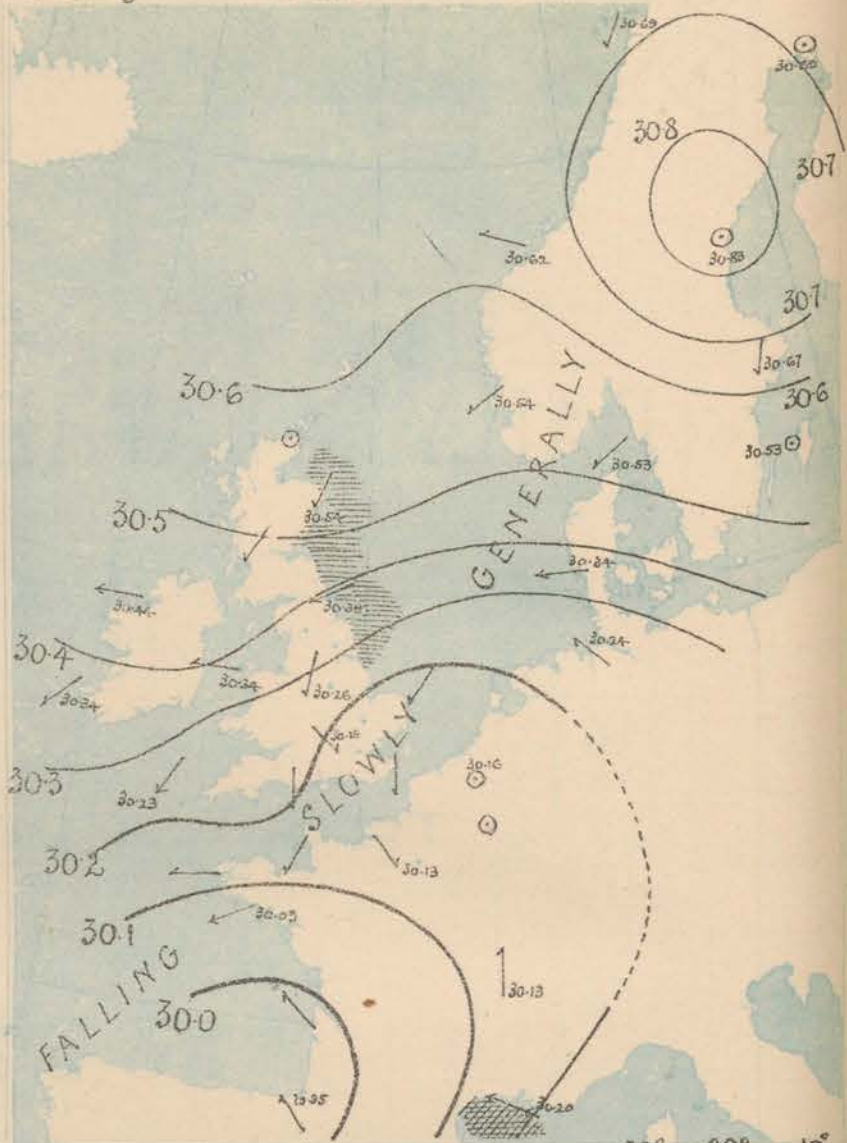
Wind Arrows show the prevalent wind. They fly with the wind and their bars and feathers refer to force thus:
 * force above 10; * force 8 to 10;
 * force 5 to 7; * force 1 to 4;
 ○ dead calm.

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

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

Stations	Mean Readings
Swan	29.779
Aberdeen	29.799
Leith	29.844
Scarborough	29.908
Ardrossan	29.857
Greencastle	29.897
Holyhead	29.889
Valentia	29.903
Roche's Pt.	29.922
Plymouth	29.933
LONDON	29.963
Vermouth	29.974

* These means are for the 10 years 1862-71. 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.

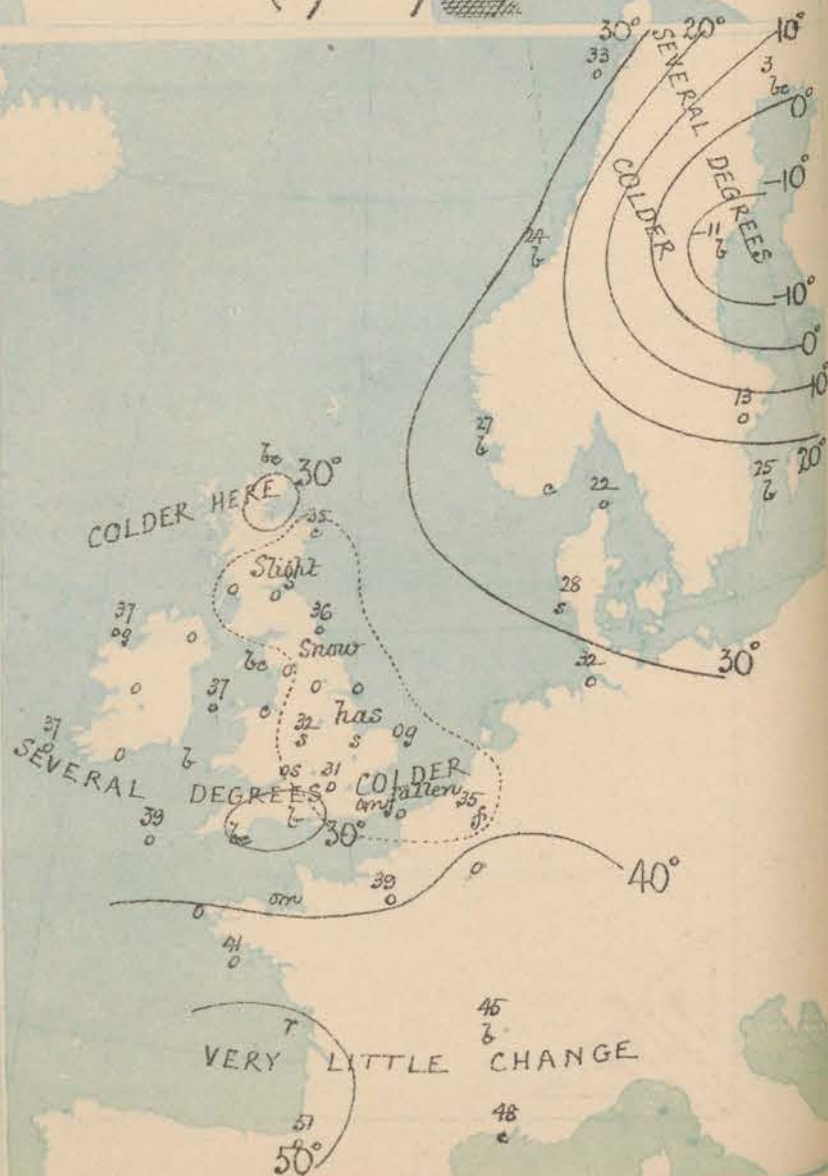
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 February

Stations	Temp	Rain-fall
Sandburgh Head	38.5	2.00
Sornoway	39.9	1.31
Aberdeen	39.7	2.20
Swickie	39.3	1.61
York	39.7	1.75
Mullaghmore	41.7	1.00
Holyhead	42.5	2.37
Parsonstown	42.0	1.06
Valentia	43.9	1.31
Sally (St. Mary's)	45.8	2.88
Hurst Castle	41.9	1.00
Dover	41.0	1.75
LONDON	41.2	1.58
Vermouth	39.6	2.05

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1862 to 1871.



REMARKS

TUESDAY, 22ND FEBRUARY, 1881, at 8 a.m.

Very little change has occurred in the distribution of pressure over Western Europe during the past twenty-four hours, but in the course of the past night a shallow secondary depression has reached our south-east coasts from the E^{NE} causing the barometer to fall about 0.1 in on all our east and north-east coasts. Under its influence the wind, after backing to N. has veered again and freshened from NE on our north-east coasts, while it has backed to N, temporarily, in the south-east of England. In all other districts it remains NE^E to E^E and is moderate to fresh in force. Temperature has fallen several degrees both at our northern and extreme Southern stations, and a frost prevails over our Southern counties as well as over the north of Scotland. Snow, sleet and hail have fallen in the east and south-east, and snow is now falling over our Midland and eastern counties. In the west of England and in Scotland the weather is at present fine and bright, but in all other parts of the Kingdom it is dull and gloomy. The sea is rather rough in the north-east, moderate in the east and west, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

23RD FEBRUARY.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Light NE ^E breezes; fine weather, cold.
2 SCOTLAND EAST	.....
3 ENGLAND NE	NE ^E breezes, strong to moderate; some snow.
4 ENGLAND EAST	.....
5 MIDLAND COUNTIES	NE ^E breezes, moderate or fresh; snow showers, then fine.
6 ENGLAND SOUTH	N ^E to NE ^E breezes, freshening; snow or cold rain, when fog clears off.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Very light winds; fine, cold weather.
7 ENGLAND N.W.	NE ^E and E ^E breezes, moderate to fresh; fair on the whole. Cold.
8 ENGLAND S.W.	.....
9 IRELAND NORTH	NE ^E and E ^E breezes, moderate or light; cloudy, but fair generally.
10 IRELAND SOUTH	.....
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 22nd February 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.								PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRE.		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 ...	30.66	-2	S	2	b	30.69	-12	3	3	-11	Z	0	b	*	14	-4	-	
Hernösand ...	30.85	-7	Z	0	b	30.88	-05	-11	-12	-9	Z	0	b	*	14	7	-	
Stockholm ...	30.75	19	ENE	4	o	30.67	-14	13	13	-2	NNE	2	o	*	28	12	-	
Wisby ...	30.57	24	ESE	2	b	30.53	-09	25	24	+1	Z	0	b	*	32	18	-	
Bodö ...	30.57	36	SW	4	o	30.69	+11	33	30	+2	NNE	3	o	1	36	30	-	
Christiansund...	30.66	26	E	1	b	30.62	-05	24	23	0	ESE	3	b	0	32	14	-	
†Skudesnaes ...	30.60	25	Z	0	b	30.54	-08	27	25	-1	ENE	2	b	2	36	25	-	
Örö (Christiansund) ...	30.59	26	NE	0	o	30.53	-09	22	20	-1	NNE	0	c	4	?	21	-	
Skagen (The Skaw) ...	30.58	24	ENE	4	o	30.53	-08	22	20	0	ENE	4	o	2	35	21	-	
Fanö ...	30.43	29	E	6	o	30.34	-11	28	28	+1	E	6	s	*	?	25	0.24	
Cuxhaven ...	30.56	33	E	1	b	30.24	-12	32	32	+1	SE	2	o	*	?	28	-	
†Sumburgh Head ...	30.61	36	SE	2	o	30.32	-07	35	34	+1	NNE	2	o	2	41	33	-	
†Stornoway ...																		
Wick ...	30.61	34	ESE	2	b	30.57	+07	30	30	-7	Z	0	b	2	38	26	-	
Nairn ...	30.57	33	E	1	o	30.56	+05	26	26	-3	Z	0	b	1	34	26	-	
†Aberdeen ...	30.56	35	ENE	4	o	30.54	+01	35	32	0	NE	4	c	5	36	33	0.02	
Leith ...	30.48	34	ENE	3	s	30.47	-01	34	33	0	E	3	o	*	35	31	0.09	
†Shields ...	30.41	34	ENE	3	o	30.39	-04	36	35	+1	ENE	6	o	5	37	32	0.06	
Spurn Head ...	30.31	34	NNE	4	o	30.25	-10	36	35	+2	NE	5	o	5	37	32	0.20	
York ...	30.36	34	NNE	1	o	30.32	-08	36	35	+3	NE	3	o	*	38	32	0.06	
Nottingham ...	30.32	32	NNE	2	c	30.26	-09	32	32	-1	NNE	3	s	*	37	30	0.32	
†Ardrossan ...	30.49	36	ENE	2	o	30.42	00	34	33	0	NE	1	o	1	39	32	-	
†Mullaghmore ...	30.44	37	E	5	om	30.44	+04	37	35	+2	E	5	og	4	37	34	-	
Donaghadee ...	30.46	39	E	6	o	30.42	-01	38	36	+3	E	6	o	4	39	34	-	
Parsonstown ...	30.42	35	ENE	2	o	30.41	+02	34	32	-1	NE	1	o	*	37	33	-	
Barrow-in-Furness ...	30.39	35	ENE	2	b	30.38	-07	35	33	-2	NNE	4	b	4	40	32	-	
†Holyhead ...	30.39	37	E	3	b	30.34	-03	37	36	+3	E	4	o	3	38	33	-	
Liverpool (Bidston) ...	30.37	33	NE	1	b	30.32	-07	35	33	+2	NNE	2	c	1	37	31	-	
†Valentia ...	30.35	41	ENE	3	om	30.34	+03	37	34	-5	NE	3	o	3	45	35	-	
Roche's Point ...	30.38	39	ENE	4	o	30.35	+02	35	33	-4	NE	3	o	4	40	32	-	
Pembroke ...	30.29	37	NE	3	o	30.25	-02	33	32	-2	NNE	3	b	2	38	31	-	
†Scilly ...	30.24	41	ENE	5	o	30.23	+03	39	36	-5	NE	5	c	4	44	36	-	
Prawle Point ...	30.25	35	NE	5	o	30.21	00	28	28	-13	N	3	b	3	41	27	-	
Hurst Castle ...	30.24	35	ENE	4	o	30.20	-02	27	26	-13	N	1	b	2	40	26	0.40	
†Dover ...	30.21	36	NE	5	om	30.16	-05	34	34	-2	N	3	om	1	38	33	0.23	
†London ...	30.26	34	NNE	3	o	30.19	-06	31	30	-3	NY	1	o	*	35	30	-	
Oxford ...	30.29	32	NE	2	b	30.21	-07	31	31	-2	N	1	os	*	34	29	0.02	
Cambridge ...	30.28	34	N	1	c	30.17	-13	33	33	0	NNE	1	s	*	35	31	0.03	
†Yarmouth ...	30.24	35	N	3	c	30.17	-11	36	35	+2	NE	4	og	3	36	32	0.40	
The Helder ...	30.21	33	ENE	4	s	30.14	-13	32	32	+2	ENE	1	f	1	34	30	0.20	
Cape Gris Nez ...	30.22	37	NE	5	f	30.15	-03	36	35	0	S	1	o	0	41	36	0.04	
†Jersey ...	30.20	41	NE	3	om	30.18	00	38	36	-5	NE	3	om	3	44	37	-	
Brest ...	30.13	44	ENE	5	o	30.13	+03	40	39	-3	E	4	o	2	46	39	-	
Lorient ...	30.09	45	ENE	7	om	30.03	-03	44	40	-4	ENE	7	o	4	50	39	-	
†Rochefort ...	30.02	55	E	5	o	29.99	00	51	50	+1	SE	4	f	2	69	39	0.08	
Biarritz ...	29.97	55	SW	3	f	29.95	+01	51	48	-2	SE	4	o	3	61	46	0.12	
Corunna ...	*	*	*	*	*									*	*	*		
Brussels ...	*	*	*	*	*	30.16	-03	35	35	+2	NE	1	f	*	37	21	0.39	
Charleville ...	30.13	46	ESE	1	o	30.11	-02	44	43	+3	ESE	1	o	*	?	?	?	
Paris ...	30.16	44	NE	4	f	30.13	00	39	38	-5	NY	4	o	*	*	*	?	
Lyons ...	30.11	52	SE	1	b	30.13	-02	45	42	+2	S	1	b	*	59	43	-	
Toulon ...	30.18	50	E	5	o	30.20	+04	48	46	-1	ESE	8	c	7	54	48	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.09	30	N	4	o	29.05	-05	31	30	+3	ENE	5	o	*	31	27	0.02	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	30.59	36	32	SE	4	0	Valentia ...	30.32	44	41	ESE	3	om	4
Sumburgh Head ...	30.60	37	35	SSE	2	6	Scilly ...	30.23	41	40	NE	5	o	4
Stornoway ...							Dover ..	30.21	37	36	NE	5	o	5
Aberdeen ...	30.54	36	30	NE	3	0	London ...	30.26	35	33	N	3	o	*
Shields ...	30.41	37	36	NE	2	0	Yarmouth ...	30.26	36	33	NE	4	c	3
Ardrossan ...	30.48	37	36	NE	3	c	Jersey ...	30.19	42	40	NE	2	m	2
Mullaghmore ...	30.43	37	34	ESE	5	ogm	Rochefort ...	30.00	55	52	E	5	o	2
Holyhead ...	30.38	38	35	E	4	c								

There is little change beyond a slight decrease of pressure on our East coast. The weather has, however, cleared at Sumburgh Head.

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).

Approved for use for instruction in Charts.



DAILY WEATHER REPORT

F O R

WEDNESDAY, 23RD FEBRUARY.

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 D. Baskerville, 10, St. Dunstons, London.

WEATHER CHARTS

for 8 a.m. on Wednesday 23rd FEBRUARY 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.

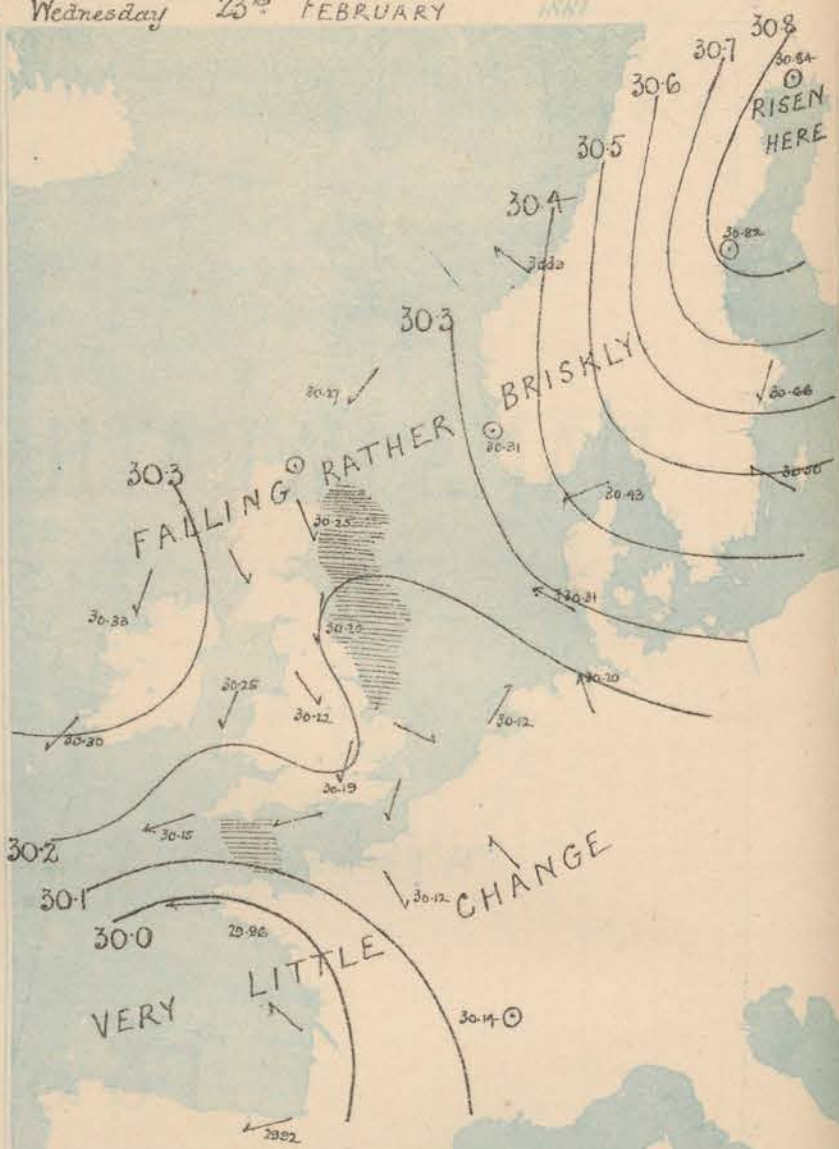
Wind Arrows show the prevalent wind. They fly with the wind, and their bars and feathers refer to force, thus:
→ force above 10; → force 8 to 10
→ force 5 to 7; → force 1 to 4.
○ - dead calm.

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

MEAN^h HEIGHT of the BAROMETER for the month of February.

Stations	Mean Readings
Nairn	29.774
Aberdeen	29.789
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valentia	29.903
Roche's Pt.	29.912
Plymouth	29.931
LONDON	29.963
Yarmouth	29.979

* These means are for the 10 years 1861-70. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

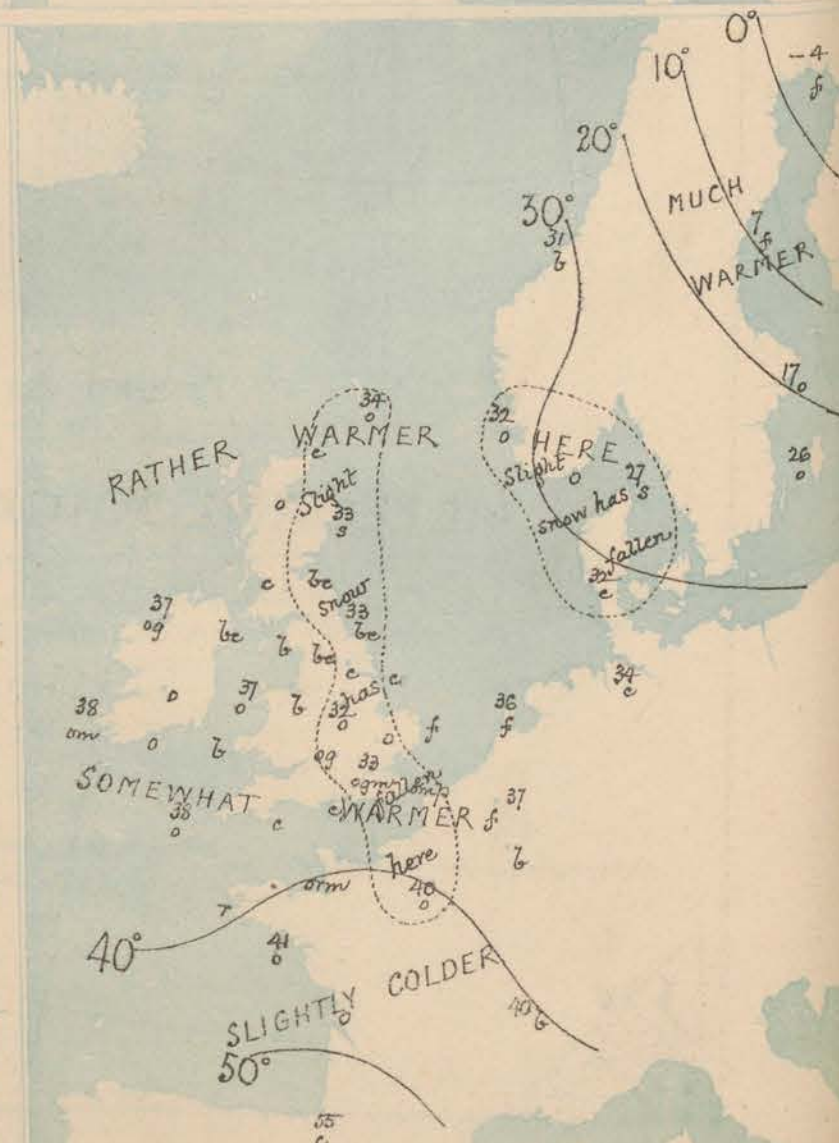
Explanation of Map:

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 February.

Stations	Temp.	Rain-fall
Sunderby Head	38.5	2.30
Sarnsey	39.9	4.31
Aberdeen	39.1	2.20
Stuarts	39.3	1.61
York	39.7	1.75
Mullingrove	41.7	0
Holyhead	42.5	2.37
Parsonstown	42.0	1.93
Valentia	43.9	1.31
Solly (St Mary's)	45.8	2.88
Hurst Castle	41.8	0
Dover	41.0	1.75
LONDON	41.2	1.58
Yarmouth	39.6	2.05

* 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 FEBRUARY, 1881, at 8 a.m.

In the course of the past night barometric pressure has begun to give way briskly both in Scotland and the west of Norway, while over our western and southern stations the changes have been very slight. Pressure is still very high (30.8 ins.) over the Gulf of Bothnia, and rather high (30.3 ins.) over Ireland, relatively low over the Bay of Biscay and North Sea. Thus while NE^{ly} breezes still hold on our west and south west coasts the wind has backed to NW over the greater part of England, and in Scotland it has lulled to a calm. Temperature has risen both in the north of Scotland and south of England, but changed very little elsewhere and is still low generally. Some sleet and cold rain fell over the east and south of England yesterday, but the sky has since cleared in several places, though it remains overcast in the south-east, south and west. The sea is still rough in the north east, moderate in the Channel, slight off our western coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

24th FEBRUARY.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Calms, followed by N ^{ly} or S ^{ly} airs and breezes; fine.	6 SCOTLAND WEST	NW ^{ly} breezes, light; fine.
2 SCOTLAND EAST	Wind chiefly N ^{ly} but variable and light; fair on the whole.	7 ENGLAND N.W.	.....
3 ENGLAND N.E.	.....	8 ENGLAND S.W.	NE ^{ly} winds, moderate; dull to fair.
4 ENGLAND EAST	N ^{ly} and NW ^{ly} winds, light; foggy and damp, then fair.	9 IRELAND NORTH	Same as Nos 6 and 7.
5 MIDLAND COUNTIES	.....	10 IRELAND SOUTH	NE ^{ly} to N ^{ly} breezes, light; fine.
6 ENGLAND SOUTH	.....	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 23RD FEBRUARY. 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 ...	30.58	-6	Z	0	b	30.52	+ .15	-4	-4	-	7	Z	0	f	*	14	-7	-	
Hernösand ...	30.79	-2	Z	0	b	30.82	- .01	7	6	+	18	Z	0	f	*	19	-15	-	
Stockholm ...	30.67	19	NE	2	o	30.60	- .01	7	7	+	4	NE	2	o	*	23	12	-	
Wisby ...	30.52	26	SSE	4	o	30.50	- .03	26	25	+	1	SE	2	o	*	22	16	-	
Bodö ...																			
Christiansund...	30.52	28	E	2	b	30.39	- .23	31	30	+	7	ESE	2	b	2	22	16	-	
†Skudesnaes ...	30.45	35	E	4	s	30.31	- .23	32	31	+	5	Z	0	o	2	32	27	-	
Oxö (Xiansund) ...	30.46	24	NNE	6	s	30.43	- .10	26	25	+	4	NE	6	o	4	27	?	-	
Skagen (The Skaw)	30.48	27	ENE	4	s	30.43	- .10	27	25	+	5	ENE	4	s	2	27	23	0.04	
Fanö ...	30.28	29	E	5	o	30.30	- .02	32	21	+	4	SE	6	c	*	?	27	0.08	
Cuxhaven ...	30.25	34	E	1	o	30.20	- .04	34	33	+	2	SSE	2	c	*	34	30	-	
†Sumburgh Head	30.48	37	ENE	2	c	30.27	- .25	34	33	-	1	NE	2	o	2	40	33	0.03	
†Stornoway ...																			
Wick ...	30.47	37	E	3	o	30.29	- .28	34	33	+	4	Z	0	c	2	41	30	0.02	
Nairn ...	30.45	33	Z	0	o	30.27	- .29	34	33	+	8	Z	0	o	1	37	26	-	
†Aberdeen ...	30.40	37	NNE	3	o	30.25	- .29	33	31	-	2	NNW	4	s	6	39	31	0.01	
Leith ...	30.38	34	E	3	o	30.25	- .22	33	32	-	1	N	1	b	*	39	31	0.02	
†Shields ...	30.31	34	ENE	4	o	30.20	- .19	33	33	-	3	N	3	b	5	37	32	0.09	
Spurn Head ...	30.17	35	NE	6	r	30.16	- .09	35	34	-	1	NNW	4	c	5	37	32	0.03	
York ...	30.26	35	N	2	m	30.20	- .12	33	32	-	3	NNW	2	e	*	36	30	0.04	
Nottingham ...	30.21	33	N	2	s	30.22	- .04	32	31	0		NNW	2	o	*	34	31	0.12	
†Ardrossan ...	30.40	34	N	1	o	30.29	- .19	35	34	+	1	NN	1	c	1	35	31	-	
†Mullaghmore ...	30.37	37	ENE	5	ogm	30.33	- .11	37	34	0		NNE	4	og	4	38	34	-	
Donaghadee ...	30.36	37	E	6	o	30.28	- .14	38	35	0		NE	2	b	0	38	36	-	
Parsonstown ...	30.34	36	N	1	o	30.32	- .09	34	32	0		NN	1	o	*	40	33	0.02	
Barrow-in-Furness	30.28	37	NE	3	o	30.23	- .10	32	31	-	3	NNE	3	b	3	40	31	-	
†Holyhead ...	30.27	37	ENE	4	o	30.25	- .09	32	35	0		NNE	3	o	3	39	36	-	
Liverpool (Bidston)	30.27	35	NE	2	o	30.24	- .08	32	30	-	3	NNE	2	b	1	37	31	-	
†Valentia ...	30.29	39	NE	4	om	30.30	- .04	38	35	+	1	NE	3	om	3	41	37	-	
Roche's Point...	30.28	39	NE	3	o	30.27	- .08	37	35	+	2	NE	4	o	4	42	35	-	
Pembroke ...	30.20	38	NE	2	o	30.18	- .07	35	34	+	2	NE	2	b	0	41	33	-	
†Scilly ...	30.14	42	ENE	6	o	30.15	- .08	38	37	-	1	ENE	6	o	4	42	37	-	
Prawle Point ...	30.13	35	? ENE	5	c	30.14	- .07	38	32	+	5	NE	5	c	5	40	28	-	
Hurst Castle ...	30.14	36	ENE	3	o	30.15	- .05	34	33	+	7	ENE	3	c	2	39	27	-	
†Dover ...	30.11	39	NE	1	om	30.16	.00	36	35	+	2	NNE	3	om	1	40	34	0.06	
†London ...	30.15	35	NE	3	og	30.19	.00	33	32	+	2	NNE	1	ogm	*	36	30	0.03	
Oxford ...	30.19	34	ENE	2	o	30.21	.00	32	31	+	1	NNE	2	og	*	35	32	0.05	
Cambridge ...	30.16	34	N	1	r	30.20	+ .03	33	32	0		NN	1	o	*	35	28	0.04	
†Yarmouth ...	30.13	36	NE	1	om	30.16	- .01	33	33	-	3	NW	1	f	3	36	29	-	
The Helder ...	30.15	34	ESE	1	r	30.12	- .02	36	36	+	4	SW	1	f	1	37	32	0.20	
Cape Gris Nez																			
†Jersey ...	30.12	38	NE	3	ogm	30.10	- .08	40	40	+	2	NNE	3	om	3	41	36	0.33	
Brest ...	30.06	38	SE	4	c	29.99	- .14	39	38	-	1	E	7	r	3	46	37	0.08	
Lorient ...	30.02	39	ENE	7	r	29.96	- .07	41	41	0		ESE	4	o	2	45	37	0.75	
†Rochefort ...	29.96	34	E	3	r	29.97	- .02	43	46	-	3	ESE	4	o	1	59	41	0.08	
Biarritz ...	29.90	36	E	4	o	29.92	- .03	55	51	+	4	ENE	3	c	3	61	48	-	
Corunna ...	*	*	*	*	*			*	*						*	*	*	*	
Brussels ...	*	*	*	*	*	30.15	- .01	37	37	+	2	Z	0	f	*	42	37	0.12	
Charleville ...	30.08	49	SSE	4	b	30.15	+	.04	40	38	-	4	SE	1	b	*	?	?	-
Paris ...	30.07	46	N	3	o	30.12	- .01	40	39	+	1	NNW	3	o	*	*	*	0.04	
Lyons ...	30.08	52	SSE	1	b	30.14	+	.01	40	37	-	5	WSW	1	b	*	59	38	-
Toulon ...																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,195 ft.) above M.S.L.																			
Hawes Junction	28.99	31	E	5	o	28.94	- .11	27	27	-	4	N	3	b	*	32	26	-	

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

Hawes Junction	28.99	31	E	5	o	28.94	- .11	27	27	- 4	N	3	b	*	32	26	-
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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 ...	30.47	38	32	NNE	2	b	2	Valentia ...	30.31	40	36	NE	3	om	4
Sumburgh Head ...	30.52	37	35	NE	3	c	4	Scilly ...	30.18	41	39	NE	6	o	4
Stornoway ...								Dover ..	30.12	38	37	N	2	om	1
Aberdeen ...	30.47	38	35	NNE	4	c	5	London ...	30.14	36	35	NE	2	ogf	*
Shields ...	30.34	37	36	ENE	2	r	6	Yarmouth ...	30.15	36	35	NE	3	om	3
Ardrossan ...	30.44	35	34	NE	2	o	1	Jersey ...	30.13	38	36	NE	3	o	3
Mullaghmore ...	30.40	38	36	E	6	ogm	5	Rochefort ...	29.99	53	53	SSE	3	r	1
Holyhead ...	30.30	39	37	E	5	o	4								

No important change has occurred since the morning beyond the lulling of the strong wind at Shields, and some tendency for the fog in London to give way to cold rain.

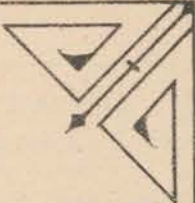
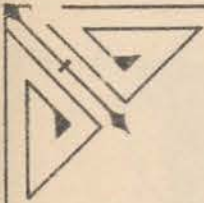
EXPLANATION OF COLUMNS.

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, 24th FEBRUARY.

1881.

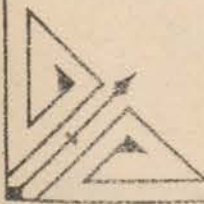
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D^s D^s Bookpost 5^s D^s



ROBERT H. SCOTT

(SECRETARY.)



Printed by Dangerfield, Ltd. 22, Bedford St. London.

WEATHER CHARTS

for 8 a.m. on Thursday 24th FEBRUARY 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.

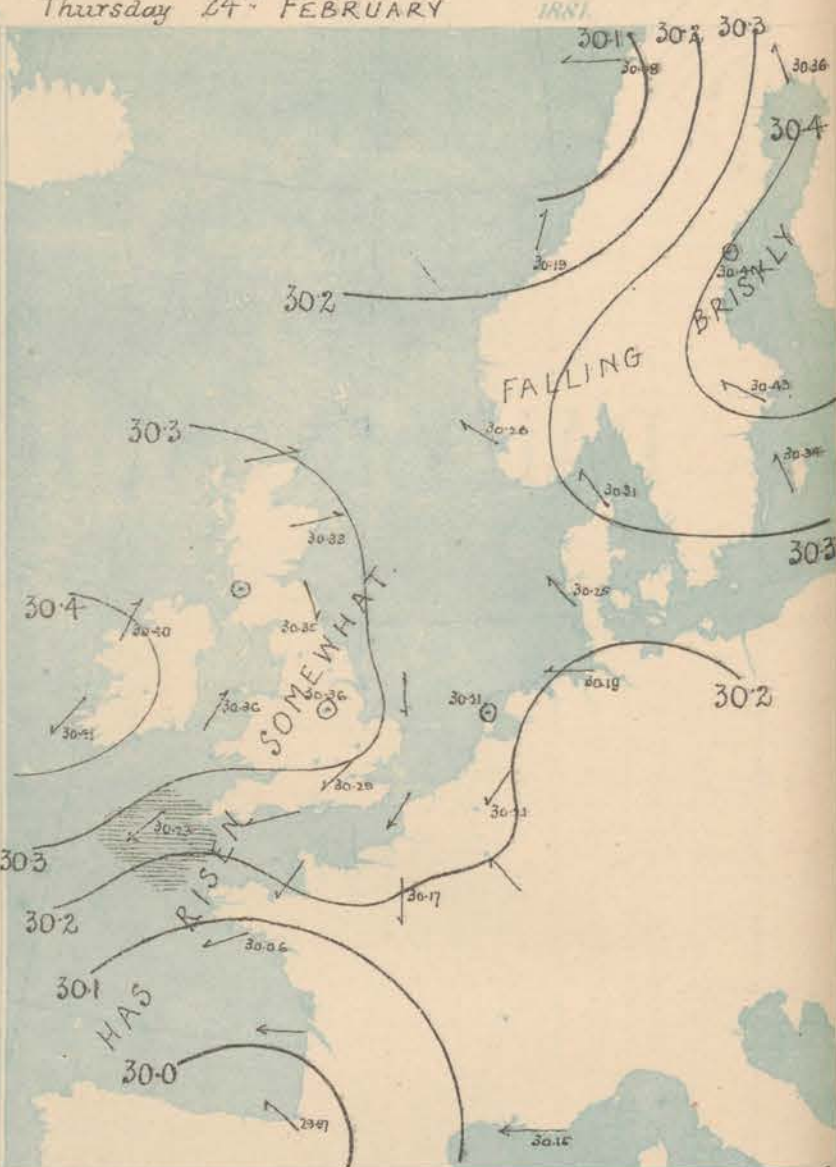
Wind Arrows show the prevalent winds.
They fly with the wind, and their barbs and feathers refer to force, thus:
— forces above 10; — forces 8 to 10;
— forces 5 to 7; — forces 1 to 4.
© — dead calm.

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

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

Stations	Mean Readings In.
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valencia	29.903
Roch's Pt.	29.922
Plymouth	29.950
LONDON	29.963
Yarmouth	29.974

* 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

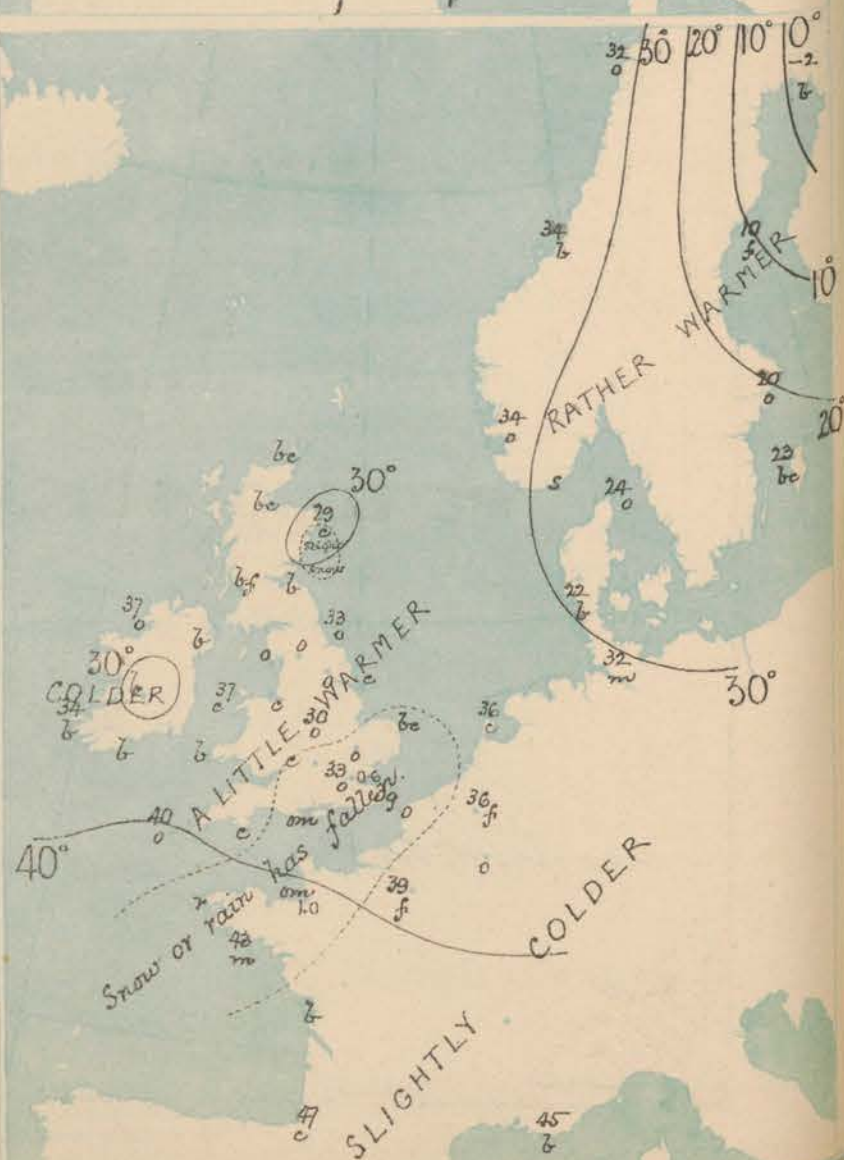
Explanation of Map

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 February.

Stations	Temp	Rain-fall
Scarborough Head	38.5	2.40
Sarnoway	39.4	4.31
Aberdeen	39.7	2.20
Shields	39.3	1.61
York	39.7	1.75
Mullaghmore	41.7	?
Holyhead	42.5	2.37
Portsmouth	42.0	1.98
Valencia	43.0	4.31
Sally (St. Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.59
Yarmouth	39.6	2.05

* The mean Temperatures are those for the 13 years 1867-89, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for THURSDAY, 24TH FEBRUARY 1881, at 8 a.m.

In the course of the past night the barometer has shown an inclination to rise again over our Islands from the fall noticed yesterday, but over Scandinavia pressure has given way rather decidedly, and a depression has appeared off the west of Norway. Thus, while a S.W. breeze has set in at Christiansund W.airs have appeared at the Scotch stations also, and S.W. air at Mullaghmore. Over England, France and the greater part of Ireland, however, the wind is still N.E. and blows rather freshly at some of the south western stations. Temperature remains low everywhere. A good deal of wet snow fell over some parts of our southern countries yesterday, notably in London, where the fall continued for about two hours. Heavy rain fell at Jersey, and a smaller quantity, in the west of France. In the west and north of our Islands the weather has remained fine. The sky is now overcast at the English stations, clear or partially so in the west and north. The sea is going down in the northeast and is moderate on our south and east coasts, smooth or slight elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

25TH FEBRUARY.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	N.W. and S.W. breezes, light to moderate; fair on the whole. Milder.	6 SCOTLAND WEST	Same as nos 0 and 1.
2 SCOTLAND EAST	— — — — —	7 ENGLAND N.W.	Very light winds, chiefly N.W.; fine.
3 ENGLAND N.E.	N.W. and N.E. breezes, light; fine.	8 ENGLAND S.W.	N.E. winds, moderate; fair.
4 ENGLAND N.W.	N.E. and N.W. breezes, light; fine but foggy locally. Cold.	9 IRELAND NORTH	Variable air, then S.W. and W. breezes; fair on the whole.
5 MIDLAND COUNTIES	— — — — —	10 IRELAND SOUTH	N.E. and N.W. breezes, light; fine, cold.
6 ENGLAND SOUTH	N.E. breezes moderate to light; fair generally but foggy locally. Cold.	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 24TH FEBRUARY 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 ...	30.64	2	S	2	o	30.36	— .48	— 2	— 2	+ 2	S	2	b	*	3	— 4	—		
Hernösand ...	30.72	11	Z	0	o	30.41	— .41	10	10	+ 3	Z	0	f	*	16	— 8	—		
Stockholm ...	30.62	17	E	4	o	30.43	— .23	20	20	+ 3	ESE	2	o	*	27	14	—		
Wisby ...	30.46	23	SE	2	b	30.34	— .16	23	22	— 3	SSE	2	b	*	32	13	—		
Bodö ...	30.38	29	ENE	4	b	30.08	— .32	32	30	—	E	2	o	1	?	23	—		
Christiansund...	30.18	37	SE	2	e	30.19	— .20	34	32	+ 3	SSW	3	b	3	37	23	—		
†Skudesnaes ...	30.27	34	ESE	4	o	30.26	— .05	34	33	+ 2	ESE	2	o	3	34	32	—		
Öxö (Xiansund) ...	30.35	26	NNE	6	s	30.30	— .13	24	24	— 2	NE	4	s	3	27	23	—		
Skagen (The Skaw)	30.39	29	ESE	3	b	30.31	— .12	24	24	— 3	SE	3	o	0	32	?	—		
Fanö ...	30.26	26	SE	4	b	30.25	— .05	22	22	— 10	SE	1	b	*	34	21	—		
Cuxhaven ...	30.19	34	E	1	b	30.19	— .01	32	31	— 2	E	1	m	*	37	30	—		
†Sumburgh Head																			
†Stornoway																			
Wick ...	30.26	34	Z	0	b	30.20	+ .01	33	32	— 1	W	2	b	4	41	25	—		
Nairn ...	30.26	34	Z	0	o	30.32	+ .05	34	32	— 0	Z	0	b	1	36	32	—		
†Aberdeen ...	30.25	35	NNW	4	c	30.33	+ .08	29	28	— 4	WSW	1	c	4	36	25	0.08		
Leith ...	30.26	37	NW	1	b	30.35	+ .10	31	29	— 2	W	1	b	*	45	29	—		
†Shields ...	30.27	37	NNW	2	b	30.35	+ .15	33	32	— 0	NNW	2	o	3	38	30	—		
Spurn Head ...	30.25	38	NNW	3	c	30.31	+ .15	36	35	+ 1	N	3	c	4	38	34	—		
York ...	30.24	37	NNW	2	o	30.35	+ .15	32	31	— 1	NNW	1	o	*	39	27	—		
Nottingham ...	30.29	36	NNE	2	o	30.36	+ .14	30	29	— 2	Z	0	o	*	38	27	—		
†Ardrossan ...	30.28	39	NW	2	o	30.38	+ .09	30	29	— 5	Z	0	b	0	40	27	—		
†Mullaghmore ...	30.33	39	NW	3	o	30.40	+ .07	37	36	— 0	SSW	1	o	1	40	36	—		
Donaghadee ...	30.31	39	NE	3	b	30.38	+ .10	38	35	— 0	NE	3	b	1	40	33	—		
Parsonstown ...	30.25	37	NNE	1	o	30.43	+ .11	25	25	— 9	Z	0	b	*	39	24	—		
Barrow-in-Furness	30.29	38	N	3	o	30.33	+ .10	34	32	+ 2	NE	3	o	3	45	31	—		
†Holyhead ...	30.31	37	NNE	2	c	30.36	+ .11	37	35	— 0	SW	1	c	0	39	35	—		
Liverpool (Bidston)	30.31	35	NW	1	b	30.37	+ .13	33	31	+ 1	Z	0	c	1	38	32	—		
†Valentia ...	30.34	37	NE	3	om	30.41	+ .11	34	32	— 4	NE	2	b	2	40	31	—		
Roche's Point...	30.32	38	NNE	3	c	30.39	+ .12	33	32	— 4	NNE	3	b	4	41	31	—		
Pembroke ...	30.24	37	NE	3	c	30.32	+ .14	33	31	— 2	NE	3	b	1	41	30	—		
†Scilly ...	30.17	41	NNE	6	o	30.23	+ .08	40	39	+ 2	NE	6	o	5	41	37	—		
Prawle Point ...	30.18	36	NNE	4	c	30.25	+ .11	36	35	+ 3	NNE	5	c	4	38	33	—		
Hurst Castle ...	30.20	35	ENE	4	s	30.26	+ .11	36	35	+ 2	ENE	3	om	4	37	32	0.12		
†Dover ...	30.19	39	NE	3	o	30.25	+ .09	38	37	+ 2	N	4	og	2	40	35	0.02		
†London ...	30.23	34	NE	1	os	30.29	+ .10	33	32	— 0	NE	1	o	*	36	32	0.06		
Oxford ...	30.27	34	NE	2	o	30.32	+ .11	32	31	— 0	N	2	c	*	36	32	0.02		
Cambridge ...	30.25	34	NE	1	s	30.31	+ .11	34	33	+ 1	N	1	o	*	38	31	0.05		
†Yarmouth ...	30.23	37	Z	0	ofd	30.27	+ .11	37	36	+ 4	N	2	b	2	38	31	0.12		
The Helder ...																			
Cape Gris Nez ...	30.21	39	NE	5	m	30.25	— .10	41	39	—	ENE	5	o	4	43	37	0.04		
†Jersey ...	30.14	41	NE	3	om	30.20	+ .10	41	41	+ 1	NE	4	om	3	43	40	1.03		
Brest ...	30.04	44	ENE	5	o	30.13	+ .14	42	42	+ 3	E	5	r	2	46	39	0.02		
Lorient ...	30.04	47	NNE	3	r	30.06	+ .10	43	43	+ 2	ENE	4	m	3	46	39	0.02		
†Rochefort ...	30.04	58	SE	3	b	30.03	+ .06	45	43	— 3	E	5	b	2	64	39	—		
Biarritz ...	29.93	57	NE	4	b	29.97	+ .05	47	44	— 8	ESE	4	c	2	?	41	—		
Corunna ...	*	*	*	*	*			*	*						*	*	*		
Brussels ...	*	*	*	*	*	30.21	+ .06	36	36	— 1	NE	1	f	*	43	35	—		
Charleville ...	30.14	54	SSE	1	b	30.17	+ .02	34	32	— 6	SE	1	o	*	?	?	?		
Paris ...	30.13	50	N	3	b	30.17	+ .05	39	38	— 1	N	4	f	*	*	*	—		
Lyons ...																			
Toulon ...	30.15	48	ESE	9	o	30.15	— .02	45	41	— 2	E	7	b	6	52	45	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.92	20	S	1	b	29.07	+ .13	28	27	+ 1	Z	0	o	*	35	21	—		

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

Hawes Junction	29.99	29	S	1	b	29.97	— .13	28	27	— 1	— 1	Z	0	o	*	35	21	—
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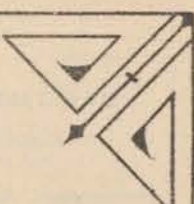
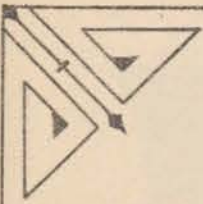
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	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.28	32	32	E	4	s	2	Valentia ...	30.33	39	35	NE	3	om	3
Sumburgh Head	30.26	37	36	SSE	1	b	1	Scilly ...	30.17	40	39	NE	6	o	4
Stornoway ...								Dover ..	30.46	38	37	NNE	3	og	1
Aberdeen ...	30.23	36	34	NNW	4	c	6	London ...	30.20	36	35	NNE	2	gms	*
Shields ...	30.23	38	36	NNW	4	b	5	Yarmouth ...	30.24	37	36	N	2	r	2
Ardrossan ...	30.27	40	38	NE	2	c	1	Jersey ...	30.11	42	42	NE	2	r	3
Mullaghmore ...	30.34	42	35	NE	2	os	2	Rochefort ...	30.01	57	34	SE	2	b	1
Holyhead ...	30.28	39	36	NNE	4	c	3								

Hardly any change has occurred since the morning, but the fall of the barometer in the far N. seems to have ceased.
Snow is falling in London.

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

FRIDAY, 25th FEBRUARY.

1881.


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ROBERT H. SCOTT

(SECRETARY.)



Printed by D. D. D. at 22 Bedford St. (opposite Garden.)

WEATHER CHARTS

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

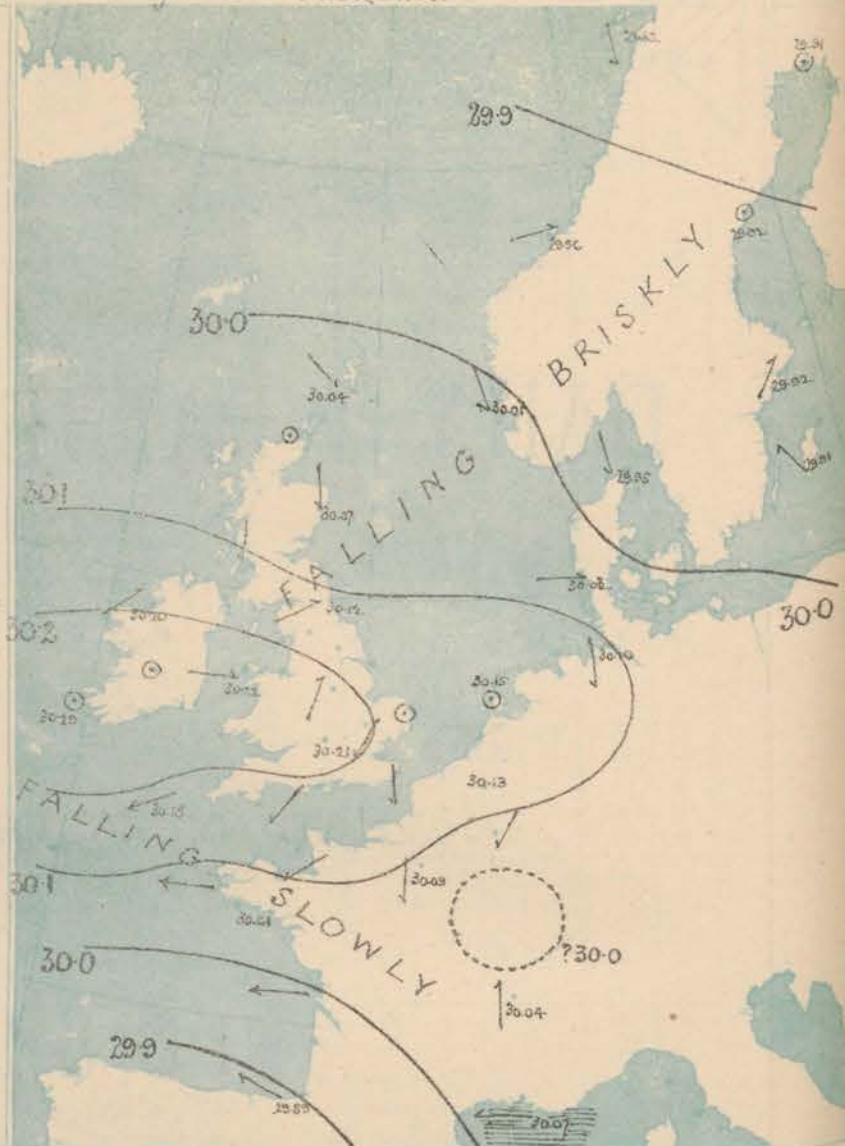
Wind. Arrows show the prevalent wind. They fly with the wind, and their bars and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10
 → forces 5 to 7; → forces 1 to 4;
 ○ dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of February.

Stations.	Mean Readings.
Nairn	29.774
Aberdeen	29.709
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenhead	29.847
Holyhead	29.889
Valentia	29.903
Roche's Pt.	29.922
Plymouth	29.933
LONDON	29.983
Yarmouth	29.979

* 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 February.

Stations	Temp	Rain-fall
Samburgh Head	38.5	2.40
Siernoway	39.4	4.31
Aberdeen	39.1	2.30
Shetls.	38.3	1.61
York	39.7	1.75
Mullaghmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valentia	43.9	4.31
Sally (St. Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Yarmouth	39.5	2.05

* 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, 25TH FEBRUARY, 1881, at 8 a.m.

The barometer continues to fall briskly over the whole of Scandinavia and the northern half of our Islands, and the W^{ly} breeze which began to show itself at our extreme northern stations yesterday, though still very light in force, has extended S^{ward} over our northern districts, with a slight rise of temperature, and in most places, bright weather. In the meantime a separate but slight fall has taken place over the Bay of Biscay, and the consequence is that the NE^{ly} wind in the south still holds (and even blows strongly in the north west of France) with cold cloudy weather, and some mist or haze. Temperature is as low as 28° to 31° over the inland parts of the northern countries, but varies from about 34° or 35° at most of the coast stations to 39° at Lillie and Mullaghmore, while in the west of France it ranges from 40° to 46°. The sea is moderate on our South-west coasts, smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

26TH FEBRUARY.

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	W ^{ly} to NW ^{ly} winds, moderate to fresh; fine at first, then some cold showers.
1	SCOTLAND EAST	Similar to above but wind lighter in force.
2	ENGLAND NE	— — — — —
3	ENGLAND EAST	N ^{ly} and NW ^{ly} breezes, light; cold, fair but rather unsettled.
4	MIDLAND COUNTIES	— — — — —
5	ENGLAND SOUTH	NE ^{ly} breezes, moderate to light; dull and perhaps slight cold showers, then fine.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	Same as n ^o 1 and 2.
7	ENGLAND NW	W ^{ly} breezes, light to moderate; fair, cold.
8	ENGLAND SW	NE ^{ly} breezes, light or moderate; cold cloudy.
9	IRELAND NORTH	SW ^{ly} to W ^{ly} winds, moderate; showers in some places.
10	IRELAND SOUTH	Very light winds; fair.
	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 25th FEBRUARY 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.			
			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	30.28	18	S	2	o	29.81	— 55	6	6	+ 8	Z	0	o	*	18	—	—	
Hernösand	30.15	13	Z	0	o	29.92	— 149	12	12	+ 2	Z	0	c	*	18	5	—	
Stockholm	30.17	24	SW	2	o	29.92	— 51	22	22	+ 2	SW	2	f	*	22	14	—	
Wisby	30.09	28	S	4	b	29.91	— 43	21	21	— 2	SSE	2	f	*	37	12	—	
Bodö	29.82	33	SW	4	m	29.82	— 26	32	32	0	N	2	s	2	24	28	—	
Christiansund	30.11	37	WSW	6	o	29.96	— 23	33	33	— 1	WSW	3	s	3	37	25	—	
†Skudesnaes	30.19	32	Z	0	s	30.01	— 25	29	28	— 5	NNW	4	b	2	34	?	—	
Oxö (Xiansund)	30.7	20	N	2	c	29.96	— 24	23	23	— 1	NNW	1	m	1	25	18	0.04	
Skagen (The Skaw)	30.14	24	NE	2	o	29.95	— 36	25	22	+ 1	NNW	3	o	0	27	23	—	
Fanö	30.10	29	NNW	4	o	30.03	— 22	31	30	+ 9	W	4	o	*	32	21	—	
Cuxhaven	30.16	33	NNW	2	o	30.10	— 09	32	31	0	N	3	o	*	?	30	—	
†Sumburgh Head	30.21	39	W	1	c	30.04	—	38	37	—	NNW	2	o	2	42	36	0.03	
†Stornoway																		
Wick	30.25	39	NN	1	o	30.06	— 24	31	30	— 2	Z	0	bc	2	40	29	—	
Nairn	No observations taken					30.06	— 26	34	32	0	Z	0	b	1	42	34	0.12	
†Aberdeen	30.24	38	NNW	2	cm	30.07	— 26	35	34	+ 6	NNW	2	rsp	2	42	27	0.03	
Leith	30.35	38	W	1	b	30.08	— 27	36	35	+ 5	W	1	bm	*	47	30	—	
†Shields	30.32	38	NNW	1	c	30.12	— 23	34	33	+ 1	WSW	2	cm	2	41	31	0.02	
Spurn Head	30.30	38	NNW	4	c	30.19	— 12	34	34	— 2	NNW	3	cm	2	39	34	—	
York	30.33	36	N	1	c	30.19	— 16	34	30	— 1	W	1	o	*	38	28	—	
Nottingham	30.35	35	N	2	o	30.22	— 14	32	27	— 2	SW	1	b	*	39	27	—	
†Ardrossan	30.35	41	Z	0	c	30.13	— 25	38	37	+ 8	N	1	b	0	47	29	0.06	
†Mullaghmore	30.38	46	NNW	1	c	30.20	— 20	39	39	+ 2	SW	2	p	2	46	36	0.02	
Donaghadee	30.35	43	NE	3	b	30.17	— 21	38	37	0	W		c	1	45	32	—	
Parsonstown	30.40	44	Z	0	o	30.27	— 16	32	31	+ 7	Z	0	o	*	44	24	—	
Barrow-in-Furness	30.34	36	NNW	3	b	30.19	— 14	33	31	— 1	NE	2	bc	2	42	30	—	
†Holyhead	30.35	38	NE	1	b	30.22	— 14	38	38	+ 1	W	1	o	1	42	33	—	
Liverpool (Bidston)	30.35	36	NNW	1	b	30.21	— 16	34	31	+ 1	WSW	1	bc	1	40	32	—	
†Valentia	30.37	41	NNE	3	c	30.29	— 12	34	33	0	Z	0	b	1	46	29	—	
Roche's Point	30.36	38	NE	3	b	30.27	— 12	33	32	0	NNE	3	b	4	45	31	—	
Pembroke	30.38	37	NNE	2	b	30.22	— 10	32	30	— 1	NE	1	bm	0	42	30	—	
†Scilly	30.24	42	ENE	5	c	30.18	— 05	39	37	— 1	ENE	5	c	4	42	37	—	
Prawle Point	30.24	37	NE	5	c	30.18	— 07	35	33	— 1	NE	4	c	4	41	33	—	
Hurst Castle	30.26	39	ENE	4	o	30.19	— 07	36	34	0	NE	3	c	3	40	34	—	
†Dover	30.25	38	NE	4	o	30.15	— 10	37	36	— 1	N	2	o	1	40	36	0.04	
†London	30.28	38	NE	3	c	30.21	— 08	36	30	+ 3	NE	2	o	*	40	33	0.02	
Oxford	30.31	35	NE	0	o	30.22	— 10	38	32	+ 1	N	1	o	*	39	32	—	
Cambridge	30.30	37	NE	1	o	30.19	— 12	34	33	0	N	1	o	*	41	32	—	
†Yarmouth	30.27	38	N	1	bc	30.19	— 08	36	34	— 1	Z	0	bc	2	40	35	—	
The Helder	30.21	37	N	1	o	30.15	— 06	34	33	— 2	N	1	c	1	37	34	—	
Cape Gris Nez																		
†Jersey	30.20	41	NE	4	m	30.14	— 06	39	38	— 2	ENE	3	om	3	42	38	0.01	
Brest	30.14	43	ENE	5	o	30.04	— 09	41	39	— 1	E	7	o	3	46	37	—	
Lorient	30.06	45	NE	5	m	30.01	— 05	41	40	— 2	ENE	7	m	4	54	39	—	
†Rochefort	29.99	57	ESE	4	b	29.99	— 04	43	41	— 2	E	5	m	2	64	37	—	
Biarritz	29.94	55	NE	3	bc	29.89	— 08	46	43	— 1	ESE	4	bc	3	60	44	—	
†Corunna	*	*	*	*	*	29.81	— 11	50	*	+ 1	SE	1	o	5	*	*	*	
Brussels	*	*	*	*	*	30.13	— 08	36	34	0	NNE	1	o	*	40	35	—	
Charleville	30.15	42	E	7	o	30.08	— 09	38	36	+ 4	NNE	4	o	*	?	?	?	
Paris	30.14	43	N	4	o	30.09	— 08	39	38	0	N	4	o	*	*	*	—	
Lyons	30.07	51	S	1	b	30.04	— 13	36	34	— 1	S	1	bc	*	55	35	—	
Toulon	30.06	46	E	4	b	30.07	— 08	44	38	— 1	E	4	bc	5	50	42	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.06	32	N	1	c	28.84	— 18	30	29	+ 2	Z	0	bc	*	37	24	—	

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

Hawes Junction	29.06	32	N	1	c	28.84	— 18	30	29	+	2	Z	0	asp	*	37	24	—
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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 ...	30.24	38	32	SSE	2	3	Valentia ...	30.38	43	39	NE	3	bc	4
Sumburgh Head							Scilly ...	30.25	42	41	ENE	5	c	4
Stornoway ...							Dover ..	30.24	39	37	NE	4	ap	2
Aberdeen ...	30.31	34	32	NW	3	3	London ...	30.27	40	36	N	2	o	*
Shields ...	30.33	38	36	NNW	4	3	Yarmouth ...	30.26	40	37	N	2	bc	2
Ardrossan ...	30.26	43	43	NW	2	1	Jersey ...	30.20	42	42	ENE	3	m	3
Mullaghmore ...	30.40	45	42	Z	0	1	Rochefort ...	30.04	41	34	SE	5	b	2
Holyhead...	30.35	41	38	NNE	2	2								

No important change has occurred since the morning beyond a rather decided rise of temperature over Scotland and the NW 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); 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 5 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

SATURDAY, 26th FEBRUARY.

1881.

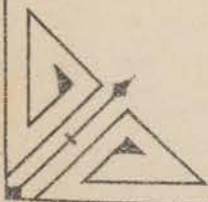
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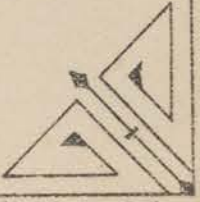
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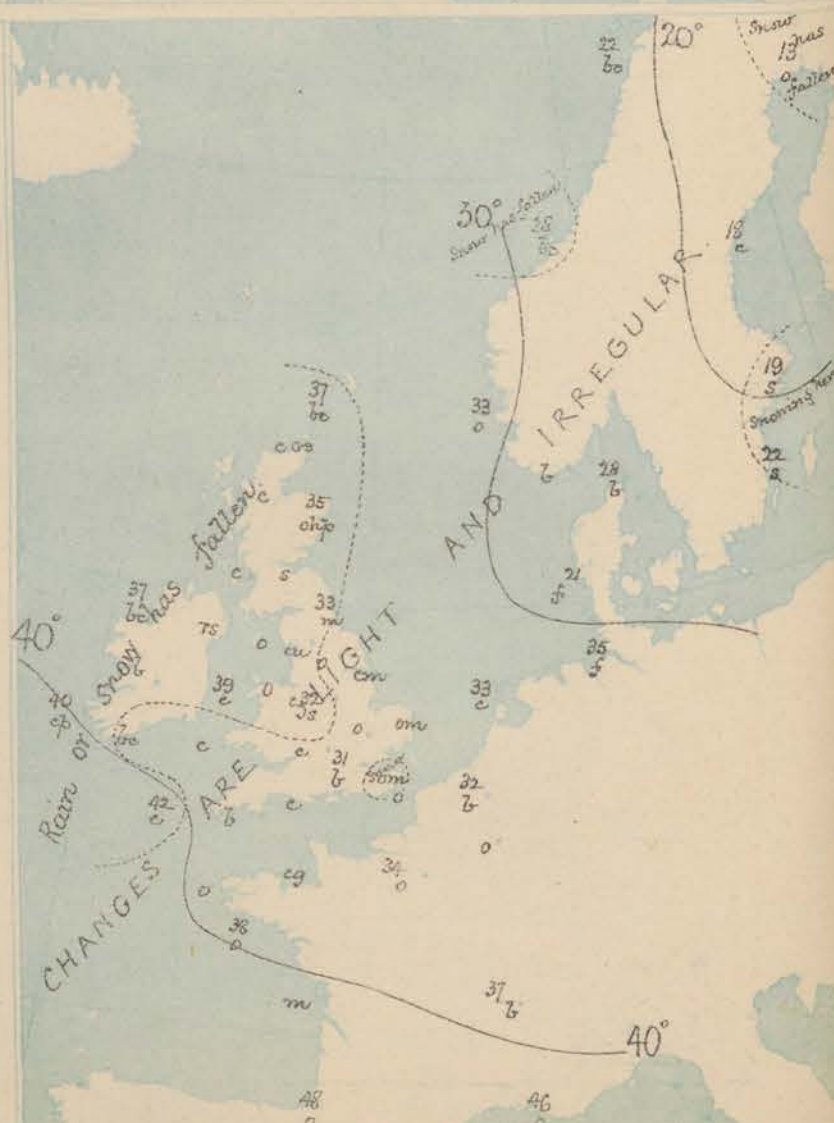
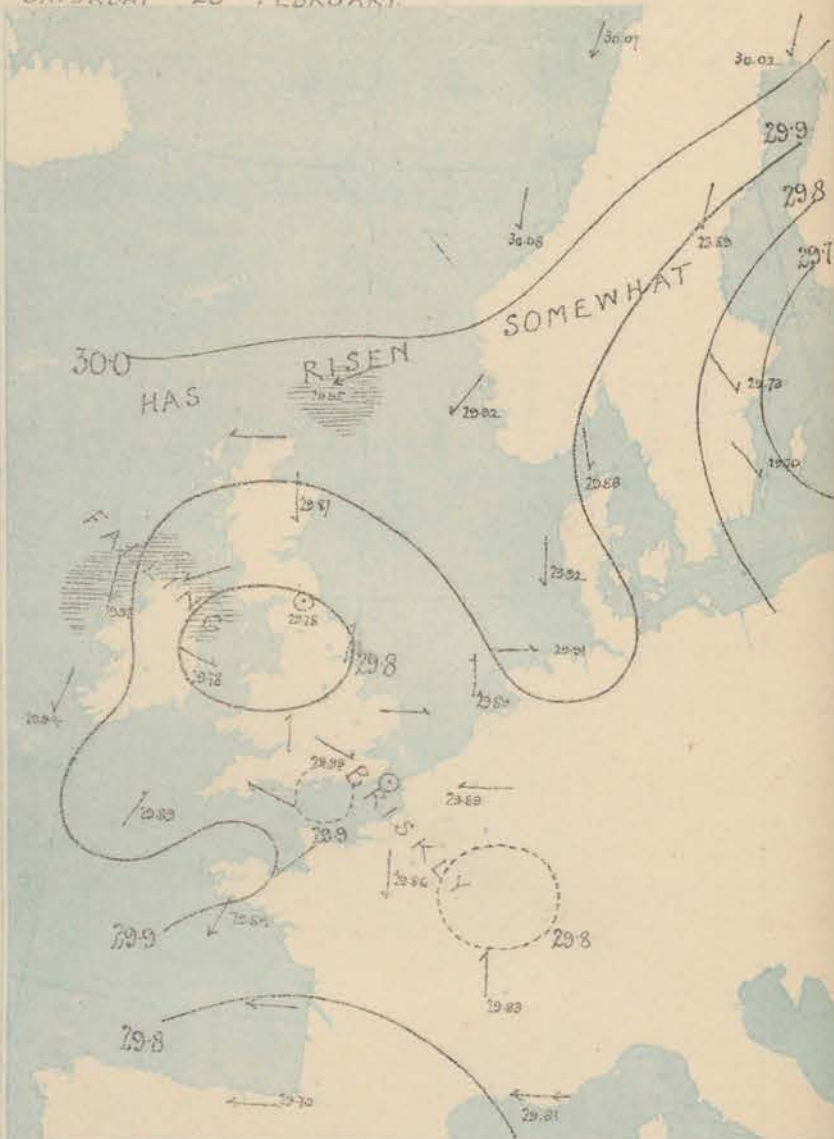
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for 8 a.m. on SATURDAY 26th FEBRUARY.

Explanation of Map

with RAINFALL in PAST 24 HOURS

* 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 SATURDAY, 26th FEBRUARY, 1881, at 8 a.m.

In the course of the past night a somewhat sudden rise of the barometer has taken place to the Nth of our Islands, and is apparently spreading rather quickly in a Sth direction; over our southern stations, however, and in France the mercury continues to fall. A shallow depression has been developed over the north of England, and while very light W^{ly} (N.W. to S.W.) breezes prevail over the southern half of England E^{ly} and NE^{ly} winds have been restored in the north, and will probably freshen and extend to the other parts of our Islands. Temperature has not changed much anywhere; the night has been very sharp over the south of England, the thermometer in London having been down to 27° in the shade and 18° on the grass, but the present tendency is for it to rise briskly as the day advances. Fair weather prevails over our southern counties, snow and hail in the north and it is to be feared that the rough weather will reach our southern districts by tomorrow, if not earlier. The sea is rather rough in the north and north west, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

27th FEBRUARY.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	NE ^{ly} to E ^{ly} winds, freshening; squally, snow showers, then fair.
2 SCOTLAND EAST	—
3 ENGLAND NE	NE ^{ly} breezes, fresh; squally, snow at times.
4 ENGLAND EAST	Mind shifting to E ^{ly} in a few hours, with dull weather and snow or sleet.
5 MIDLAND COUNTIES	N ^{ly} and NE ^{ly} breezes, moderate; snow showers, then fine.
6 ENGLAND SOUTH	W ^{ly} breezes and fair weather, followed later on by snow or sleet and E ^{ly} winds.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	NE ^{ly} breezes, fresh to moderate, fair generally.
7 ENGLAND NW	N ^{ly} and NE ^{ly} winds, fresh; showery to fair.
8 ENGLAND SW	Mind becoming N ^{ly} again, with some cold showers.
9 IRELAND NORTH	NE ^{ly} breezes; weather cold and fair.
10 IRELAND SOUTH	—
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 26th FEBRUARY. 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 ...	29.88	15	E	2	o	30.02	+ .21	13	12	+ 7	NE	4	o	*	19	5	0.12		
Hernösand ...	29.83	26	NE	2	o	29.89	- .03	18	16	+ 6	NNE	4	c	*	22	9	-		
Stockholm ...	29.72	19	NNE	2	s	29.73	- .19	19	19	- 3	NNW	2	s	*	23	18	0.04		
Wisby ...	29.70	27	SSW	2	o	29.70	- .21	22	21	+ 1	NNW	2	s	*	30	16	0.04		
Bodö ...	29.93	26	N	6	c	30.07	+ .25	22	21	- 10	NNE	6	bc	3	32	21	-		
Christiansund ...	29.91	39	SSW	1	o	30.08	+ .12	28	27	- 5	NNE	6	bc	4	34	19	0.04		
† Skudesnaes ...	29.90	31	Z	o	c	29.92	- .09	33	30	+ 4	ENE	2	o	2	36	28	-		
Oxö (Xtiansund) ...	29.87	26	NNW	2	b	29.91	- .05	21	20	- 2	NNW	2	b	1	30	19	-		
Skagen (The Skaw) ...	29.85	31	NNW	3	o	29.88	- .07	28	25	+ 3	N	3	o	0	?	25	-		
Fanö ...	29.92	24	NW	1	b	29.92	- .11	21	21	- 10	N	1	f	*	34	19	-		
Cuxhaven ...	30.04	35	W	2	bc	29.91	- .19	35	35	+ 3	W	1	f	*	?	30	-		
† Sumburgh Head ...	29.91	35	NW	4	o	29.95	- .09	37	35	- 1	ENE	5	bc	5	42	35	0.09		
† Stornoway ...																			
Wick ...	29.94	39	NNW	1	s	29.95	- .11	37	35	+ 6	E	2	c	3	43	24	0.90		
Nairn ...	29.94	36	Z	o	a	29.89	- .17	30	30	- 4	NE	1	c	2	40	30	0.09		
† Aberdeen ...	29.93	26	NNW	1	b	29.87	- .20	35	34	- 0	N	4	okp	2	40	30	0.10		
Leith ...	29.94	39	NNW	1	b	29.81	- .27	35	33	- 1	ENE	3	s	*	48	30	0.02		
† Shields ...	29.95	39	NNW	1	b	29.78	- .24	33	32	- 1	Z	o	m	0	43	31	-		
Spurn Head ...	29.99	37	NSW	3	b	29.80	- .39	35	35	+ 1	SSW	3	cm	2	41	24	-		
York ...	29.99	36	SW	2	b	29.73	- .46	33	33	+ 2	Z	o	o	*	38	30	0.33		
Nottingham ...	30.02	26	SW	1	o	29.82	- .40	32	32	+ 4	N	2	s	*	43	28	0.01		
† Ardrossan ...	29.95	41	W	1	r	29.8	- .32	34	33	- 4	ENE	3	c	2	44	33	0.02		
† Mullaghmore ...	30.05	42	NNW	4	bc	29.91	- .29	37	35	- 2	NNE	6	bc	5	47	35	0.05		
Donaghadee ...	29.99	42	NW	1	c	29.76	- .41	35	35	- 3	NE	7	rs	5	47	35	0.09		
Parsonstown ...	30.07	41	NW	1	b	29.92	- .35	33	32	+ 1	W	1	b	*	44	31	0.07		
Barrow-in-Furness ...	30.00	39	NSW	3	c	29.74	- .45	36	36	+ 3	NE	2	o	3	45	32	0.13		
† Holyhead ...	30.02	40	NSW	1	b	29.78	- .44	37	37	+ 1	NNW	4	c	3	41	37	0.03		
Liverpool (Bidston) ...	30.03	36	W	3	bc	29.76	- .45	36	36	+ 2	SW	1	o	1	40	34	0.07		
† Valentia ...	30.13	44	NW	2	c	29.94	- .35	40	39	+ 6	NNE	2	cp	3	47	34	0.03		
Roche's Point ...	30.03	39	NNW	3	b	29.90	- .37	34	32	+ 1	NW	3	bc	3	44	33	-		
Pembroke ...	30.04	40	NSW	1	bc	?	?	41	40	+ 9	?	2	c	0	42	31	-		
† Scilly ...	30.09	39	ESE	4	c	29.87	- .29	42	41	+ 3	SW	2	c	3	42	37	0.01		
Prawle Point ...	30.06	35	NE	4	c	29.88	- .30	32	31	- 3	NNW	2	b	2	30	31	-		
Hurst Castle ...	30.07	37	NE	3	o	29.89	- .30	29	29	- 7	ESE	2	c	2	40	28	-		
† Dover ...	30.03	36	NE	3	asp	29.85	- .27	34	32	- 3	N	2	cm	0	39	33	0.12		
† London ...	30.06	35	N	1	c	29.29	- .32	31	29	- 5	NW	2	b	*	39	27	-		
Oxford ...	30.02	35	SE	2	o	29.86	- .36	33	31	- 0	S	1	c	*	39	32	-		
Cambridge ...	30.04	36	N	1	o	29.84	- .35	32	31	- 2	SW	1	o	*	40	29	-		
† Yarmouth ...	30.04	36	Z	o	cm	29.87	- .32	34	33	- 2	W	2	cm	2	37	32	-		
The Helder ...	30.01	35	W	1	c	29.89	- .26	33	32	- 1	S	1	c	1	37	32	-		
Cape Gris Nez ...	30.08	37	E	3	o	29.89	- .27	34	32	- 2	SE	1	o	0	41	34	-		
† Jersey ...	30.04	39	ENE	2	cg	29.91	- .23	38	35	- 1	ENE	2	cg	2	41	37	-		
Brest ...	29.99	41	E	3	r	29.92	- .12	37	36	- 4	E	1	o	1	41	36	-		
Lorient ...	29.93	41	ENE	5	m	29.84	- .17	35	36	- 3	NE	5	o	3	45	28	-		
† Rochefort ...	29.89	48	ENE	5	c	29.78	- .21	45	41	+ 2	E	5	m	2	57	36	-		
Biarritz ...	29.81	53	SE	4	r	29.70	- .19	48	45	+ 2	E	5	o	2	57	41	0.20		
Corunna ...	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	29.87	- .24	32	29	- 4	E	3	b	*	37	?	-		
Charleville ...	29.98	35	E	1	o	29.83	- .25	34	32	- 14	E	4	o	*	?	?	-		
Paris ...	29.98	39	N	4	o	29.86	- .23	34	33	- 5	N	4	o	*	*	*	-		
Lyons ...	29.89	49	S	1	b	29.83	- .21	37	34	+ 1	S	1	b	*	57	35	-		
Toulon ...	29.96	47	E	5	b	29.81	- .26	46	44	+ 2	E	8	o	?	?	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.70	34	NSW	3	o	28.48	- .41	32	32	+ 2	ENE	3	s	*	34	27	0.02		

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.95	35	32	NNE	1	c	2	Valentia ...	30.20	45	40	NNW	2	bc	3
Sumburgh Head ...	29.94	39	37	NW	3	o	3	Scilly ...	30.12	40	38	ENE	5	o	4
Stornoway ...								Dover ..	30.07	38	37	NE	3	aprs	1
Aberdeen ...	29.99	39	37	N	2	c	2	London ...	30.10	38	34	NE	2	ogm	*
Shields ...	30.00	42	40	NNW	2	bc	2	Yarmouth ...	30.09	37	35	Z	o	bc	2
Ardrossan ...	30.01	41	40	NNW	2	r	1	Jersey ...	30.07	40	38	ENE	3	o	3
Mullaghmore ...	30.10	46	43	W	4	bc	4	Rochefort ...	29.94	34	30	E	4	b	4
Holyhead ...	30.09	41	39	NSW	2	o	1								

Pressure continues to decrease generally, most in the N. and N^W to NW breezes are gradually spreading over the country from the N^W, with a slight rise of temperature.

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, 27th FEBRUARY.

1881.

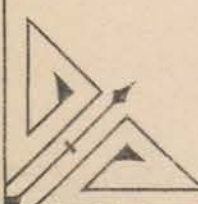
ISSUED BY THE

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ROBERT H. SCOTT

(SECRETARY.)



Printed & Published by J. W. B. Balfour, 5, Leadenhall Garden.

WEATHER CHARTS

Sunday 27th FEBRUARY.

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.

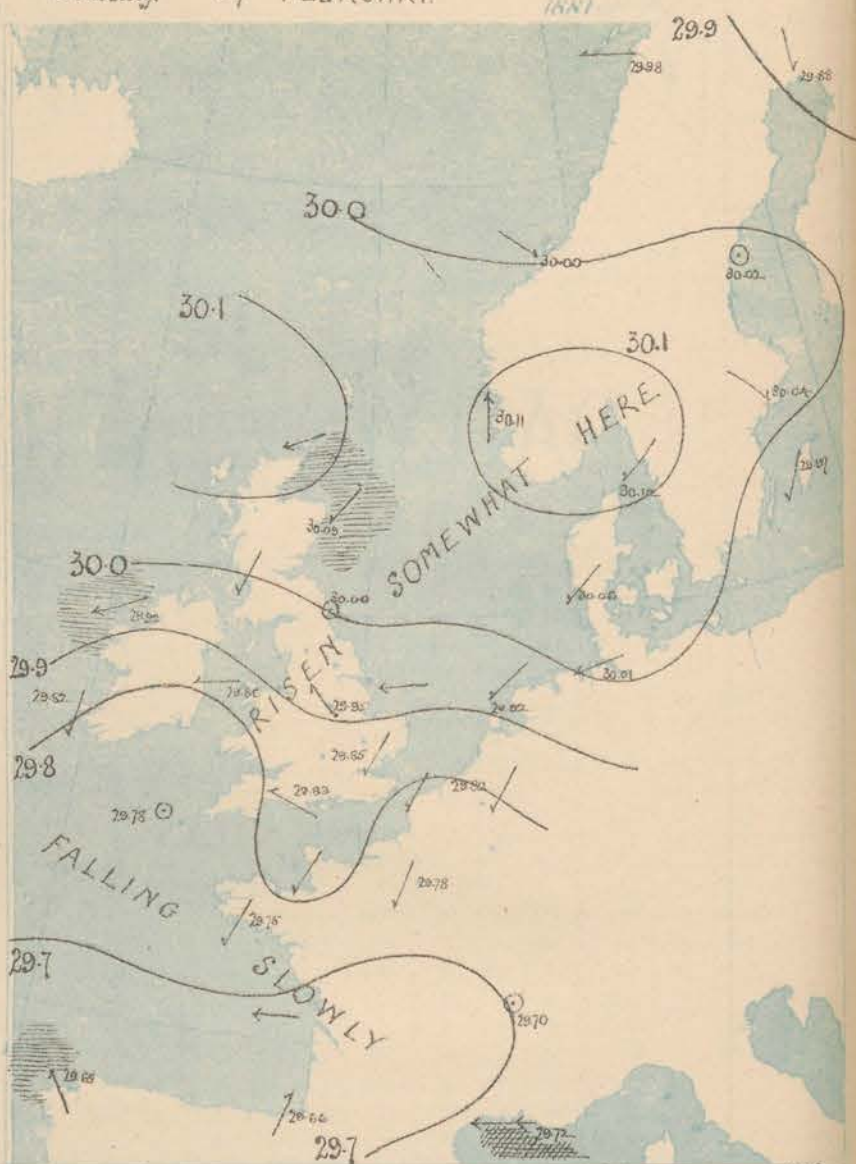
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force thus:
 — forces above 10; — forces 6 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ○ dead calm.

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

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

Stations	Mean Readings
Nairn	29.724
Aberdeen	29.709
Leith	29.841
Scarborough	29.908
Ardrossan	29.857
Greenacastle	29.847
Holyhead	29.884
Valentia	29.903
Roche's Pt.	29.922
Plymouth	29.903
LONDON	29.983
Kornioath	29.974

* 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.

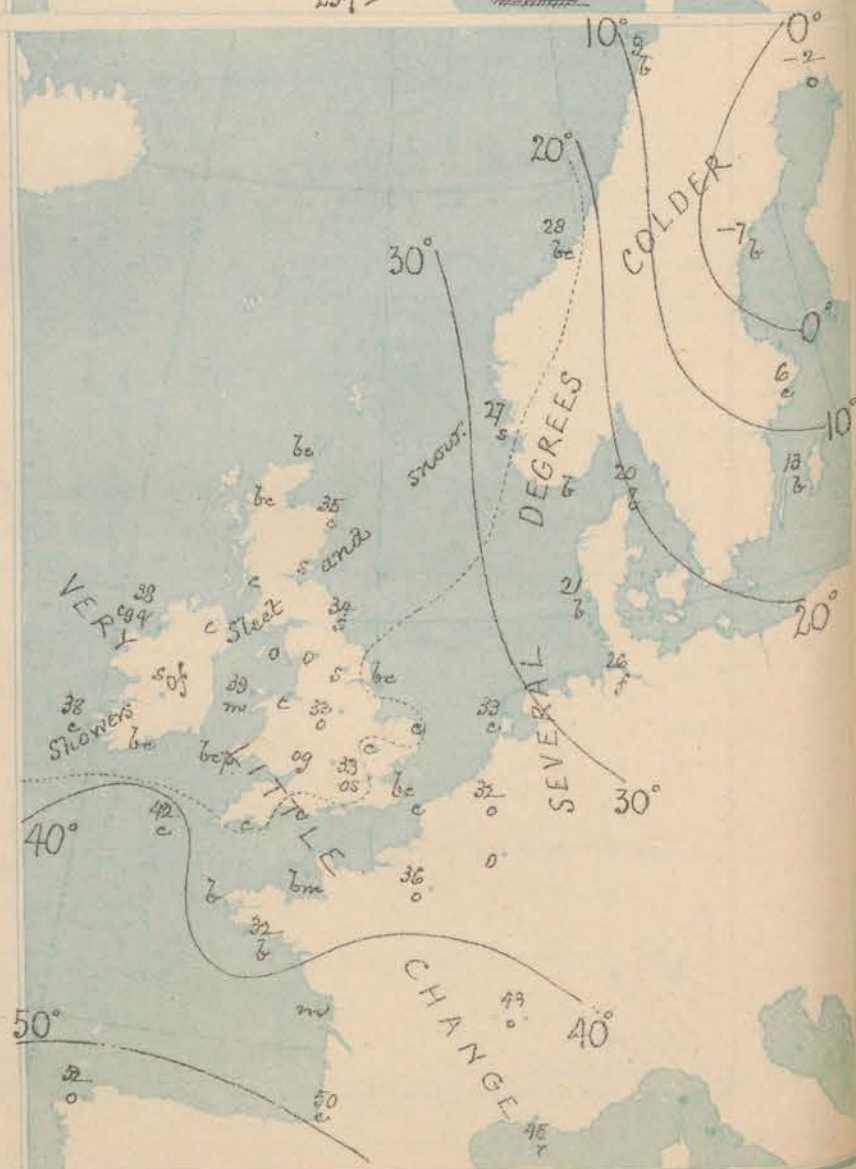
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

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

Stations	Temp.	Rain-fall
Sundburgh Head	38.5	2.40
Sarnoway	39.4	4.31
Aberdeen	39.1	2.30
Shields	39.3	1.61
York	39.7	1.75
Mullaghmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valentia	43.9	4.31
Scilly (St Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Kornioath	39.5	2.06

* 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

SUNDAY. 27TH FEBRUARY. 1881. at 8 a.m.

The rise in the barometer which was occurring over the northern parts of our Islands yesterday morning has now spread to all but our south-west coasts, and the depression which then lay over the north of England seems to have travelled SWrd, so that its centre is shown this morning at the mouth of St. George's Channel. In addition to this disturbance there appear to be two or three shallow depressions over France, so that the distribution of pressure to the Sth of us is very irregular. E^{ly} breezes of generally moderate strength have extended over the greater part of England but in the south-west S^{ly} or SE^{ly} breezes are reported, while in the south of Ireland a N^{ly} wind is blowing. NE^{ly} winds prevail in the north of France, and variable breezes in the south of that country. Temperature has fallen a little in the north of England, but risen in most other parts of the United Kingdom; readings now range from 62° at Billerica to 32° or 33° over Central England. In Scandinavia a considerable fall of temperature has occurred, and at Helsingfors the thermometer now stands as low as -7° F^h. The weather is fine in the north of Scotland and in a few other places locally, but cloudy generally, with snow at Parsonstown and in London. Snow fell at all our more northern stations yesterday. The sea is rough off the north-east of Scotland and at Mullaghmore, moderate or slight 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

NONE ISSUED -

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

NONE ISSUED -

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR 27th FEBRUARY 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 ...	30.02	15	N	2	b	29.88	— .14	— 2	— 2	— 15	N	4	o	*	?	— 6	—	
Hernösand ...	30.03	9	N	2	b	30.02	+ .13	— 7	— 8	— 20	Z	0	b	*	30	?	—	
Stockholm ...	29.94	16	N	6	s	30.04	+ .31	6	6	— 13	NN	2	o	*	23	?	0.04	
Wisby ...	29.84	21	N	6	o	29.97	+ .27	13	13	— 9	NNE	4	b	*	27	?	—	
Bodö ...	30.05	15	E	2	b	29.98	— .09	9	8	— 13	E	2	b	1	?	7	—	
Christiansund ...	30.16	24	E	1	o	30.00	— .08	28	27	— 0	NN	4	b	4	30	16	0.02	
†Skudesnaes ...	30.03	24	Z	0	b	30.11	+ .19	27	26	— 6	S	5	s	4	26	?	—	
Oxö (Xiansund) ...	30.02	31	ENE	4	o	30.13	+ .22	17	15	— 4	NNW	2	b	2	34	16	—	
Skagen (The Skaw) ...	30.08	28	NE	5	b	30.12	+ .24	20	17	— 8	ENE	2	b	0	28	19	—	
Fanö ...	29.96	27	N	1	b	30.06	+ .14	21	21	— 0	ENE	4	b	*	28	19	—	
Cuxhaven ...	29.95	34	NE	1	b	30.04	+ .10	26	26	— 9	ENE	2	f	*	?	?	—	
†Sumburgh Head																		
†Stornoway																		
Wick ...	30.11	37	ENE	6	b	30.18	+ .23	37	33	— 0	ENE	5	b	6	40	32	0.08	
Nairn ...	30.03	36	WNW	3	b	30.10	+ .21	35	33	+ 5	E	6	b	5	38	30	0.15	
†Aberdeen ...	29.99	38	NE	5	o	30.09	+ .22	35	34	— 0	NE	4	c	5	38	33	0.33	
Leith ...	29.85	34	E	3	o	30.04	+ .20	35	34	— 0	ENE	1	s	*	40	32	0.22	
†Shields ...	29.83	36	E	2	o	30.00	+ .22	34	34	+ 1	Z	0	s	4	41	31	0.64	
Spurn Head	29.81	38	ESE	4	c	29.94	+ .14	35	34	— 0	E	5	b	4	39	30	—	
York ...	29.79	35	SSE	1	r	29.97	+ .24	32	32	— 1	E	1	s	*	38	30	0.09	
Nottingham ...	29.87	35	S	1	r	29.95	+ .13	33	32	+ 1	SE	3	o	*	42	30	0.07	
†Ardrossan ...	29.88	36	NE	3	c	30.04	+ .20	35	34	+ 1	NE	3	c	3	39	33	0.01	
†Mullaghmore ...	29.89	38	NNE	6	o	29.92	+ .01	38	37	+ 1	ENE	7	ang	6	43	36	—	
Donaghadee ...	29.87	39	NE	7	c	29.93	+ .17	38	37	+ 3	E	6	c	4	40	35	0.07	
Parsonstown ...	29.85	37	NNW	2	c	29.80	— .12	33	33	— 0	N	1	s	*	39	32	0.09	
Barrow-in-Furness ...	29.75	36	NE	2	o	29.92	+ .18	34	33	— 2	NE	4	o	3	37	32	0.31	
†Holyhead ...	29.71	37	SE	2	c	29.86	+ .08	39	34	— 0	E	4	m	3	40	34	0.02	
Liverpool (Bidston) ...	29.75	35	E	1	c	29.90	+ .14	38	32	— 3	E	2	c	1	40	33	0.16	
†Valentia ...	29.88	31	N	2	b	29.82	— .12	38	36	— 2	NNE	3	c	3	45	32	0.10	
Roche's Point ...	29.83	29	NNW	4	b	29.75	— .15	35	32	+ 1	NNE	3	b	3	44	34	—	
Pembroke ...	29.74	29	NNW	3	b	29.73	?	37	35	— 4	S	3	b	2	42	34	0.08	
†Scilly ...	29.80	44	N	4	c	29.78	— .11	42	40	— 0	Z	0	c	2	47	40	—	
Prawle Point ...	29.79	36	NNW	2	r	29.78	— .10	35	34	+ 3	SSE	2	c	2	41	31	0.02	
Hurst Castle ...	29.82	39	SW	2	b	29.83	— .06	36	34	+ 7	ESE	2	c	2	43	29	—	
†Dover ...	29.85	37	SE	2	b	29.82	— .06	36	32	+ 2	E	4	b	3	40	33	—	
†London ...	29.84	38	SSW	2	c	29.85	— .04	33	32	+ 2	NE	2	s	*	46	30	—	
Oxford ...	29.82	37	WSW	4	o	29.86	— .00	32	32	— 1	E	1	og	*	45	32	—	
Cambridge ...	29.83	38	SSE	1	o	29.87	+ .03	33	33	+ 1	NE	1	c	*	46	30	—	
†Yarmouth ...	29.86	37	SSE	2	c	29.89	+ .02	34	33	— 0	ENE	5	c	4	38	32	0.02	
The Helder ...	29.91	35	ENE	1	c	29.92	+ .03	35	32	— 0	ENE	3	c	2	39	32	—	
Cape Gris Nez	29.78	36	NE	1	b	29.78	— .11	41	?	+ 7	NE	1	c	1	41	?	—	
†Jersey ...	29.85	37	ENE	1	b	29.83	— .08	36	33	— 2	NE	1	b	1	43	32	—	
Brest ...	29.86	38	ENE	3	b	29.79	— .13	37	36	— 0	S	2	b	3	46	34	—	
Lorient ...	29.78	41	NE	4	b	29.75	— .09	32	30	— 6	NE	4	b	1	43	30	—	
†Rochefort ...	29.73	49	NE	5	c	29.68	— .10	44	43	— 1	E	5	m	2	57	37	—	
Biarritz ...	29.67	53	SW	4	c	29.66	— .04	40	40	+ 2	SSW	2	c	2	55	43	—	
Corunna ...	*	*	*	*	*	29.65	— .07	52	*	+ 7	SE	1	o	5	*	*	*	
Brussels ...	*	*	*	*	*	29.80	— .09	32	32	— 0	NE	7	o	*	36	31	—	
Charleville ...	29.86	36	E	4	o	? 29.69	— .14	36	34	+ 2	NE	!	o	*	45	32	0.35	
Paris ...	29.82	37	NNE	3	o	29.78	— .08	36	35	+ 2	NNE	2	o	*	*	*	—	
Lyons ...	29.71	32	WSW	1	b	29.70	— .13	43	42	+ 6	S	1	o	*	38	?	—	
Toulon ...	29.79	46	E	8	o	29.72	— .09	45	45	— 1	E	8	r	7	48	45	0.55	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.50	32	E	4	o	28.68	+ .20	29	29	— 3	E	4	o	*	32	29	0.17	

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

Hawes Junction	28.50	32	E	4	o	28.68	+ .20	29	29	— 3	E	4	o	*	32	29	0.17
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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 ...	29.97	35	30	NNE	2	b	2	Valentia ...	29.90	40	39	N	3	b	4
Sumburgh Head	30.08	36	20	ENE	5	b	5	Scilly ...	29.82	45	44	NNW	4	c	4
Stornoway ...								Dover ..	29.85	39	36	S	2	b	1
Aberdeen ...	29.94	37	36	NE	3	r	3	London ...	29.82	42	38	SSW	1	b	*
Shields ...	29.79	39	37	? E	2	o	2	Yarmouth ...	29.84	38	36	S	3	c	2
Ardrossan ...	29.84	37	38	NE	3	c	2	Jersey ...	29.86	41	37	SE	1	b	2
Mullaghmore ...	29.87	41	38	NNE	5	b	4	Rochefort ...	29.77	36	32	NE	3	c	1
Holyhead ...	29.72	40	38	W	1	c	1								

The depression in the N. is moving slowly to the S.W. and E. winds are spreading over us again, gradually, from the N.W. with showers of cold rain and clearing places.

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; q. showers; 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.
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DAILY WEATHER REPORT

FOR

MONDAY, 28th FEBRUARY.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

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ROBERT H. SCOTT

(SECRETARY.)

Printed by T. Agnew & Sons, 15, Abchurch Lane, London, E.C. 4.

WEATHER CHARTS

Monday 28th FEBRUARY 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 backs and feathers show the force. Thus:
 → force above 10
 → force 5 to 10
 → force 1 to 5
 ○ dead calm.

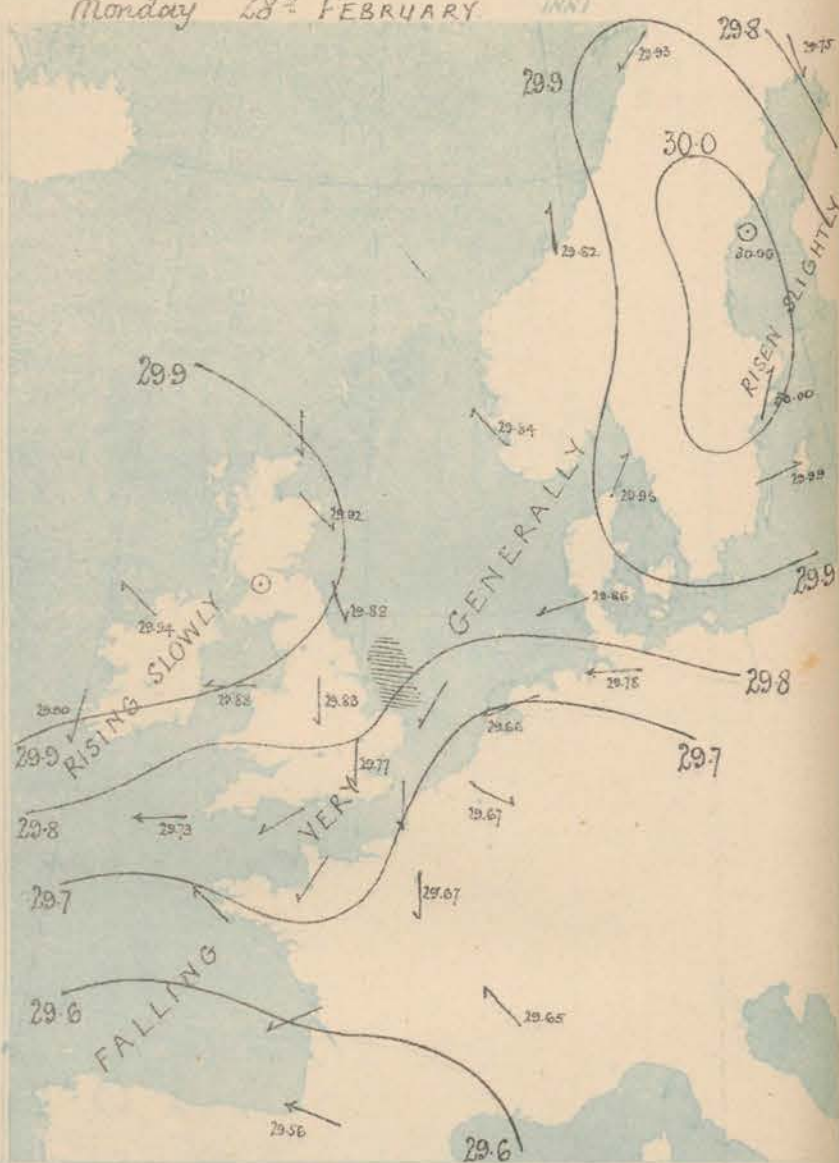
Sea Disturbance, where considerable, is shown by shading round the coast thus:
 Rough
 High

MEAN* HEIGHT of the BAROMETER

for the month of February

Stations	Mean Readings
Nairn	29.774
Aberdeen	29.790
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.849
Valentia	29.903
Rock's Pt.	29.922
Plymouth	29.933
LONDON	29.981
Vermouth	29.974

* 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.

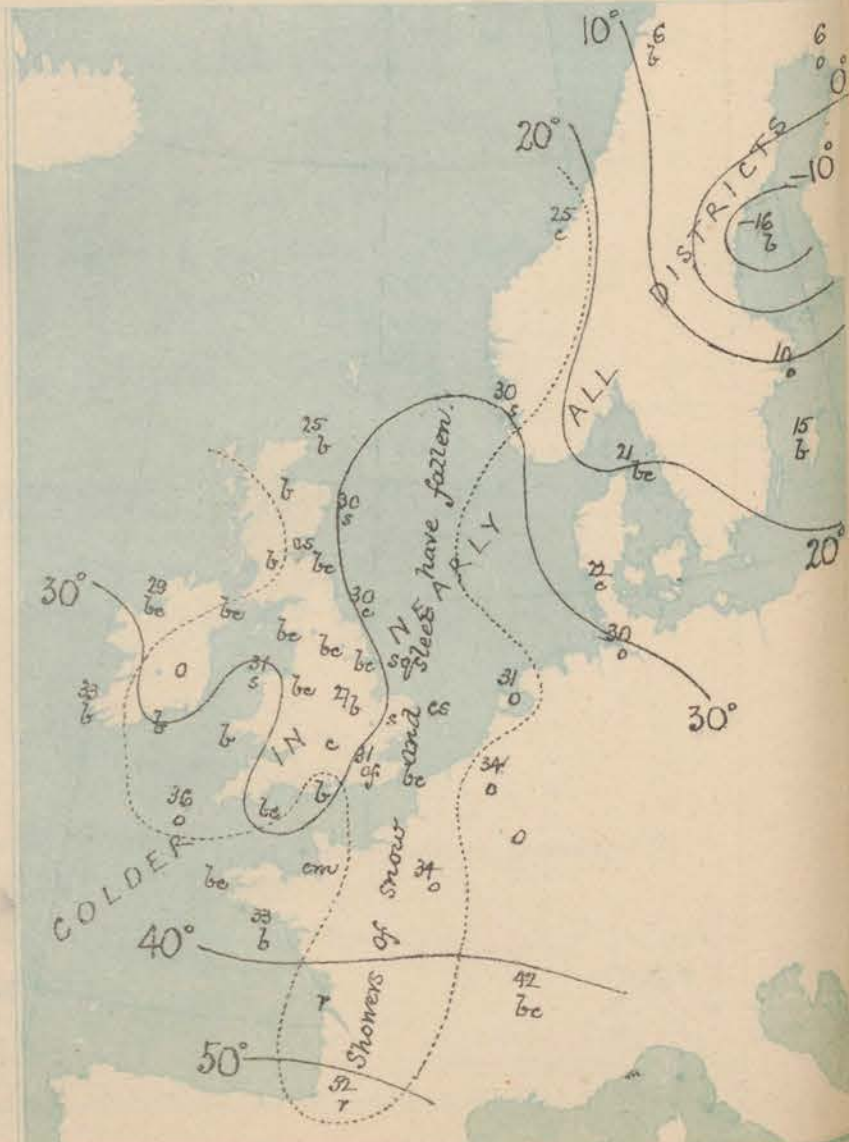
MEANS* OF TEMPERATURE

AND RAINFALL

for the month of February

Stations	Temp	Rain Fall
Sandwich Head	38.6	7.80
Stornoway	39.4	4.11
Aberdeen	39.1	2.20
Shields	39.3	1.61
York	39.7	1.75
Mullaghmore	41.7	0
Holyhead	42.5	2.37
Paceinstown	42.0	1.98
Valentia	43.0	4.81
Sally (St Mary's)	45.8	2.88
Harst. Gable	41.9	0
Dover	41.0	1.75
LONDON	41.2	1.58
Vermouth	39.5	2.06

* 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

MONDAY, 28TH FEBRUARY, 1887, at 8 a.m.

Very cold and wintry weather still prevails over the United Kingdom generally, and at present there is little or no sign of any permanent improvement.

Barometric pressure varies from about 30.1 ins. over Sweden and 29.95 ins. over our north western districts to 29.55 ins. over the north of Spain. Thus gradients for NE^{ly} winds still prevail over the greater part of England, Ireland and France, and moderate breezes from about that quarter are reported very generally.

Temperature is low everywhere, sharp frost prevails at the inland stations, and while the sky is generally cloudy showers of snow are reported in many places — even at stations as far west as Holyhead.

In the extreme north of our Islands, however, the barometer has begun to fall briskly, accompanied by a return of the wind to NW with fair but cold sharp weather in most places.

The sea is smooth in the extreme north west, generally moderate or slight elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

1ST MARCH.

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	NW ^{ly} breezes, increasing in force; snow or sleet at times.
2	SCOTLAND EAST	— — — — —
3	ENGLAND NE	N ^{ly} to NW ^{ly} winds, moderate to fresh or strong; changeable, snow showers. Cold, especially at night.
4	ENGLAND EAST	— — — — —
5	MIDLAND COUNTIES	— — — — —
6	ENGLAND SOUTH	Wind backing to NW; weather changing from fair to snow showers. Night very cold.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	N ^{ly} (NE to NW) winds, moderate; fair.
7	ENGLAND NW	NE ^{ly} to N ^{ly} winds, moderate; slight snow, otherwise fair. Cold.
8	ENGLAND SW	NE ^{ly} breezes, moderate; fair.
9	IRELAND NORTH	NE ^{ly} and N ^{ly} breezes, moderate; fair. Night very cold inland.
10	IRELAND SOUTH	— — — — —
	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 28th FEBRUARY 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	29.80	2	N	4	0	29.75	—	13	6	6	+	8	N	2	0	10	—	—	
Hernösand	30.02	—6	Z	0	0	30.03	+	01	—16	—16	—	9	Z	0	0	25	—	—	
Stockholm	30.02	9	Z	0	0	30.00	—	04	10	10	+	4	SW	2	0	16	3	0.04	
Wisby	29.99	13	NNW	2	0	29.99	+	02	15	14	+	2	NNW	2	0	19	7	—	
Bodö	29.93	8	E	2	0	29.93	—	05	6	4	—	3	NE	4	0	14	5	—	
Christiansund	29.92	26	NNW	1	0	29.82	—	18	25	25	—	3	S	4	0	28	14	0.02	
Skudesnaes	30.01	28	S	4	0	29.84	—	27	30	28	+	3	SE	4	0	?	27	—	
Oxö (Xiansund)	30.03	21	W	1	0	29.90	—	23	19	17	+	2	NNW	2	0	27	16	—	
Skagen (The Skaw)	30.04	21	SSW	2	0	29.96	—	16	21	16	+	1	SW	3	0	21	16	—	
Fanö	30.04	22	ENE	4	0	29.86	—	20	22	22	+	1	ENE	4	0	?	19	—	
Cuxhaven	30.02	29	E	3	0	29.78	—	23	30	30	+	4	E	5	0	30	25	—	
Sumburgh Head																			
Stornoway																			
Wick	30.09	37	ENE	2	0	29.92	—	20	25	24	—	12	N	1	0	40	21	0.06	
Nairn	30.07	32	E	2	0	29.94	—	16	25	25	—	10	Z	0	0	26	25	0.04	
Aberdeen	30.06	36	ENE	3	0	29.92	—	17	30	28	—	5	NNW	4	0	37	23	—	
Leith	30.02	35	E	1	0	29.98	—	08	32	30	—	2	W	1	0	37	28	0.02	
Shields	29.98	33	NE	2	0	29.88	—	12	30	30	—	4	NNW	3	0	38	29	0.08	
Spurn Head	29.89	35	ENE	5	0	29.79	—	15	32	32	—	3	NE	5	0	39	32	—	
York	29.95	34	ENE	1	0	29.86	—	11	29	28	—	3	N	1	0	42	27	0.09	
Nottingham	29.90	30	ENE	4	0	29.83	—	12	27	26	—	6	N	2	0	40	26	0.08	
Ardrossan	30.00	33	ENE	2	0	29.96	—	05	26	26	—	9	Z	0	0	37	25	—	
Mullaghmore	29.94	37	ENE	4	0	29.94	+	02	29	29	—	9	SE	1	0	41	25	—	
Donaghadee	29.96	37	NNE	4	0	29.93	—	00	30	30	—	4	ENE	4	0	39	32	0.04	
Parsonstown	29.90	34	N	1	0	29.93	+	10	26	23	—	7	Z	0	0	38	23	0.16	
Barrow-in-Furness	29.96	34	NE	3	0	29.89	—	08	29	28	—	5	NE	3	0	41	28	0.07	
Holyhead	29.89	36	E	4	0	29.88	+	02	30	30	—	8	E	4	0	39	29	0.08	
Liverpool (Bidston)	29.90	34	ENE	3	0	29.87	—	03	29	28	—	4	NE	2	0	37	20	—	
Valentia	29.79	38	NNE	5	0	29.90	+	08	33	31	—	5	NNE	4	0	42	30	—	
Roche's Point	29.81	35	E	4	0	29.85	+	10	30	29	—	5	NNE	4	0	43	28	0.20	
Pembroke	29.78	26	E	4	0	29.78	+	05	32	30	—	5	ENE	3	0	38	30	0.08	
Scilly	29.76	43	NNW	1	0	29.73	—	05	36	36	—	6	E	6	0	46	35	0.04	
Prawle Point	29.81	33	N	3	0	29.77	—	01	28	28	—	7	N	3	0	37	26	0.36	
Hurst Castle	29.81	37	ENE	3	0	29.77	—	06	28	28	—	8	NE	3	0	40	27	—	
Dover	29.78	36	NE	3	0	29.70	—	12	33	32	—	3	N	3	0	38	32	0.04	
London	29.82	33	ENE	2	0	29.77	—	08	31	—	—	2	N	2	0	38	29	0.01	
Oxford	29.82	32	Z	0	0	29.77	—	07	29	29	—	3	N	3	0	38	26	—	
Cambridge	29.84	30	E	1	0	29.74	—	13	30	30	—	3	N	1	0	38	27	0.05	
Yarmouth	29.83	34	ENE	6	0	29.72	—	17	34	33	—	0	NE	4	0	36	31	0.08	
The Helder	29.83	31	ENE	4	0	29.66	—	26	31	30	—	2	ENE	2	0	36	30	0.04	
Cape Gris Nez	29.78	32	NE	4	0	29.69	—	09	36	34	—	5	NNE	4	0	41	30	—	
Jersey	29.80	37	ENE	2	0	29.74	—	09	36	34	—	0	NE	3	0	42	24	—	
Brest	29.75	44	NE	4	0	29.75	—	04	33	32	—	4	SE	3	0	46	32	—	
Lorient	29.69	42	ENE	4	0	29.69	—	?	33	30	+	1	E	4	0	45	20	—	
Rochefort	29.67	53	ENE	3	0	29.62	—	06	46	46	+	2	ENE	4	0	57	39	0.28	
Biarritz	29.59	57	E	5	0	29.59	—	10	48	48	+	2	ESE	5	0	63	45	0.04	
Corunna	*	*	*	*	*	*			*	*		*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	29.67	—	18	34	31	+	2	NNW	?	0	36	31	—	
Charleville	29.76	38	S	1	0	29.65	—	24	36	24	—	0	SW	1	0	45	36	0.28	
Paris	29.75	38	NNE	3	0	29.67	—	18	34	30	—	2	N	3	0	*	*	0.04	
Lyons	29.67	49	E	3	0	29.65	—	05	42	44	—	1	SE	1	0	57	42	—	
Toulon	29.77	46	E	7	0	29.75	+	03	46	46	+	1	E	7	0	46	45	0.20	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.67	28	NE	3	0	28.59	—	09	23	22	—	6	N	4	0	32	21	0.02	

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.	Wet.	Sea.	Bar.	Dry.	Wet.	Wind.
Skudesnaes	30.01	29	27	S	4	Valentia			
Sumburgh Head						Scilly			
Stornoway						Dover			
Aberdeen						London			
Shields						Yarmouth			
Ardrossan						Jersey			
Mullaghmore						Rochefort	29.69	55	52
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; n. ngly, 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 *Chron.*

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR FEB^y 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.		
				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.			
1 st	Sumburgh Head.	29.30	42	SE	4	h	29.46	+1.9	39	39	-2	S	4	h	5	43	38	0.29		
"	Stornoway	29.27	40	SW	3	b	29.53	+1.43	37	35	-6	Z	0	b	0	43	35	0.02		
"	Mullaghmore	29.42	39	SW	2	b	29.68	+1.46	39	37	+1	SW	3	c	2	46	36	-		
"	Corunna	"	"	"	"	"	30.02	+1.39	51	"	-4	S	1	c	5	"	"	"		
"	Lyons	29.70	44	ESE	1	o	29.69	-0.1	42	39	+6	S	3	o	"	47	"	0.08		
"	Loulon	29.75	50	WNW	1	b	29.79	+0.4	46	43	0	W	5	b	3	55	45	-		
"	Stornoway 2pm.	"	"	"	"	"	29.68	"	45	43	-1	W	1	b	1	"	"	"		
2 nd	Stornoway	29.71	35	WNW	1	b	29.72	+1.9	36	36	-1	E	4	c	4	46	30	0.02		
"	Nairn	29.73	33	Z	0	b	29.74	+1.5	32	30	-2	E	1	b	1	40	27	-		
"	Corunna	"	"	"	"	"	29.98	-0.4	55	"	+1	SW	1	p	1	"	"	"		
"	Stornoway 2pm.	"	"	"	"	"	29.67	"	38	37	-1	E	5	b	5	"	"	"		
3 rd	Stornoway	29.64	38	E	7	b	29.53	-1.9	35	35	-1	E	7	o	6	40	33	0.25		
"	Bianity	30.03	60	E	1	b	29.82	-1.6	57	50	+2	S	3	b	3	64	43	-		
"	Corunna	"	"	"	"	"	29.63	-3.5	57	"	+2	SW	2	o	p	"	"	"		
"	Loulon	30.00	49	WNW	4	o	30.09	+1.4	45	41	0	Z	0	b	2	57	43	-		
"	Stornoway 2pm.	"	"	"	"	"	29.46	"	36	36	-1	E	7	n	6	"	"	"		
4 th	Sumburgh Head	29.65	36	E	7	o	29.41	-3.8	81	31	-4	E	7	S	7	37	29	0.24		
"	Stornoway	29.38	35	E	7	h	29.14	-2.9	35	35	0	E	8	n	7	38	33	0.90		
"	Corunna	"	"	"	"	"	29.95	+3.2	54	"	-3	S	1	o	7	"	"	"		
"	Sumburgh Hd 2pm	"	"	"	"	"	29.25	"	33	33	-1	E	7	o	7	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	29.11	"	35	35	-1	E	9	n	8	"	"	"		
5 th	Sumburgh Hd	29.21	33	E	7	h	29.32	-0.9	32	30	+1	NE	7	o	7	32	29	1.11		
"	Stornoway	29.16	34	NE	8	h	29.53	+3.9	33	33	-2	NE	7	b	7	35	32	1.05		
"	Corunna	"	"	"	"	"	29.98	+0.3	50	"	-4	W	2	o	p	"	"	"		
"	Sumburgh Hd 2pm	"	"	"	"	"	29.48	"	30	30	-1	N	6	o	7	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	29.68	"	37	35	-1	NE	6	b	6	"	"	"		
6 th	Sumburgh Hd	29.60	29	N	6	c	29.81	+1.49	32	32	0	N	8	o	4	34	27	0.03		
"	Stornoway	29.79	33	N	5	s	29.94	+1.4	27	27	-6	N	1	b	1	38	24	0.05		
7 th	Sumburgh Hd	29.82	36	WN	4	c	29.74	-0.1	35	32	+3	S	4	o	4	38	28	0.02		
"	Stornoway	29.94	30	Z	0	c	29.88	-5.6	34	34	+7	E	6	s	6	39	27	"		
"	Bianity	30.16	30	WN	5	b	30.17	+1.3	40	37	-10	SE	5	b	4	52	36	0.04		
"	Corunna	"	"	"	"	"	30.15	+0.8	53	"	"	W	1	o	"	"	"	"		
"	Sumburgh Hd 2pm	"	"	"	"	"	29.54	"	36	35	-1	SSE	6	o	6	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	28.88	"	35	35	-1	ESE	5	s	6	"	"	"		
8 th	Sumburgh Hd	29.12	34	SSE	8	h	28.96	-7.8	34	33	-1	ESE	8	o	8	38	33	0.64		
"	Stornoway	28.64	42	S	4	o	28.82	-5.6	38	38	+4	Z	0	o	0	42	31	0.12		
"	Corunna	"	"	"	"	"	30.30	+1.5	54	"	+1	SW	1	c	5	"	"	"		
"	Sumburgh Hd 2pm	"	"	"	"	"	29.20	"	35	33	-1	E	7	o	8	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	29.12	"	37	37	-1	NE	5	n	4	"	"	"		
9 th	Sumburgh Hd	29.39	36	E	5	o	29.65	+6.9	35	31	+1	NE	4	o	6	36	32	0.02		
"	Stornoway	29.39	38	E	6	c	29.69	+8.7	34	33	-4	E	2	c	3	39	32	0.09		
"	The Helder	29.18	37	W	1	b	29.42	+3.8	37	37	0	WSW	1	n	1	39	34	0.28		
"	Bianity	30.23	54	W	8	o	30.24	+0.1	53	49	-1	NW	8	c	6	59	48	0.08		
"	Corunna	"	"	"	"	"	30.33	+0.3	51	"	-3	W	1	o	5	"	"	"		
"	Sumburgh Hd 2pm	"	"	"	"	"	29.65	"	36	32	-1	NE	4	o	5	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	29.58	"	38	36	-1	SE	5	c	4	"	"	"		
"	Androsen 2pm	"	"	"	"	"	29.59	"	40	38	-1	SE	2	o	0	"	"	"		
10 th	Haparanda	29.94	19	N	2	b	29.70	-4.4	23	23	-8	N	2	b	"	6	24	"		
"	Henningsand	29.82	5	NE	4	o	29.56	-3.3	8	3	-5	N	4	s	"	10	1	0.04		
"	Stockholm	29.37	15	N	8	s	29.68	+2.1	9	"	-10	NW	6	s	"	25	"	0.04		
"	Maly	29.22	31	N	4	o	29.30	+0.6	17	17	-15	NW	6	o	"	34	27	0.28		
"	Bode	29.63	31	SE	2	o	29.50	-2.9	20	19	+6	SE	2	o	2	"	14	"		
"	Christiansund	29.65	22	ESE	3	b	29.42	-2.4	19	19	-5	E	2	b	2	30	"	"		
"	Skudesnaes	29.59	23	ESE	4	b	29.29	-2.6	25	23	+3	SE	2	o	2	30	"	"		
"	Bas	29.62	20	WNW	2	b	29.24	-2.3	21	19	-2	NE	4	o	3	25	-4	"		
"	Sumburgh Hd	29.53	35	NE	4	o	29.09	-5.6	35	32	0	E	8	o	7	37	30	0.03		
"	Stornoway	29.39	36	ESE	7	c	28.68	-1.01	34	34	0	ESE	8	s	7	38	29	"		
"	Corunna	"	"	"	"	"	30.10	-0.23	55	"	+4	SW	1	o	5	"	"	"		
"	Sumburgh Hd 2pm	"	"	"	"	"	29.09	"	32	32	-1	E	8	o	7	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	28.73	"	35	35	-1	E	8	c	7	"	"	"		
11 th	Sumburgh Hd	29.12	33	E	6	o	29.43	+3.4	32	32	-3	NE	6	s	6	36	28	0.02		
"	Stornoway	28.92	34	E	8	c	29.55	+8.7	32	32	-2	NE	2	c	4	36	30	0.07		
"	Bianity	29.85	56	SSW	4	c	29.88	-1.3	52	46	+1	W	11	o	8	61	45	0.20		
"	Corunna	"	"	"	"	"	30.17	+0.7	52	"	-3	NW	4	o	p	"	"	"		
"	Sumburgh Hd 2pm	"	"	"	"	"	29.62	"	31	31	-1	N	5	o	6	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	29.75	"	36	35	-1	N	3	o	8	"	"	"		
12 th	Sumburgh Hd	29.73	31	N	4	2	29.93	+5.0	27	25	-5	Z	0	b	4	34	24	0.04		
"	Stornoway	29.84	35	NE	3	c	29.85	+3.0	37	37	+5	S	6	b	5	37	25	"		
"	Bianity	29.96	52	W	11	c	30.15	+2.7	43	40	-9	E	5	c	6	59	39	"		
"	Sumburgh Hd 2pm	"	"	"	"	"	29.90	"	35	33	-1	S	4	b	4	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	29.73	"	38	36	-1	S	8	o	7	"	"	"		
13 th	Stornoway	29.63	40	S	8	n	29.61	-2.4	39	39	+2	S	2	o	4	40	36	0.22		
14 th	Stornoway	29.59	39	SSE	4	n	29.42	-1.9	42	42	+3	SE	2	o	3	42	36	0.11		
"	Corunna	"	"	"	"	"	29.63	-3.6	49	"	-9	SSE	4	o	4	"	"	"		
"	Loulon	29.92	36	E	1	b	29.96	+0.6	38	33	+7	NE	1	b	2	43	"	"		
"	Skudesnaes 2pm	"	"	"	"	"	30.05	"	33	28	-1	SSE	6	o	4	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	29.50	"	42	42	-1	S	2	o	2	"	"	"		

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.		
					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.			
0.29	15th	Stornoway	29.58	42	S	1	0	29.69	+ 27	39	39	- 3	Z	0	0	0	42	36	-		
		Corunna	*	*	*	*	*	29.49	- 14	49	*	0	SW	0	0	0	*	*	*		
0.02	16th	Stornoway 2pm	*	*	*	*	*	29.71	*	42	42	*	Z	0	0	0	*	*	*		
		Stornoway	29.72	41	SE	2	0	29.70	+ 01	44	43	+ 5	S	5	0	4	42	39	-		
0.08	17th	Bianity	29.65	55	SSW	8	0	29.75	+ 21	48	43	- 9	S	4	0	4	64	43	-		
		Corunna	*	*	*	*	*	29.69	+ 20	49	*	0	E	1	0	5	*	*	*		
0.02	18th	Lyons	29.84	46	*	*	be	29.96	+ 14	45	41	+ 5	E	1	0	5	49	*	*		
		Toulon	30.02	43	E	7	0	30.08	+ 07	46	44	+ 2	E	1	0	5	46	43	-		
0.02	19th	Stornoway 2pm	*	*	*	*	*	29.67	*	45	43	*	S	1	0	6	*	*	*		
		Stornoway	29.63	43	S	8	0	29.73	+ 08	44	44	0	SSW	3	0	3	45	41	-		
0.25	20th	Stornoway 2pm	*	*	*	*	*	29.78	*	43	43	*	SW	3	0	3	*	*	*		
		Stornoway	29.79	44	SW	6	0	29.93	+ 20	42	42	- 2	SSW	2	0	2	44	42	0.12		
0.90	21st	Corunna	*	*	*	*	*	29.80	- 11	59	*	+ 6	SE	1	0	5	*	*	*		
		Stornoway 2pm	*	*	*	*	*	30.04	*	43	43	*	S	1	0	2	*	*	*		
0.03	22nd	Stornoway	30.07	43	Z	0	f	30.18	+ 14	42	42	0	SSE	3	0	3	43	40	0.03		
		Toulon	30.04	49	SE	4	b	30.10	+ 02	46	45	- 2	SSE	5	0	3	55	46	-		
0.04	23rd	Stornoway 2pm	*	*	*	*	*	30.14	*	44	43	*	SSE	2	0	2	*	*	*		
		Indraan 2pm	*	*	*	*	*	30.22	*	39	38	*	NE	2	0	1	*	*	*		
0.04	24th	Jeay 2pm	*	*	*	*	*	30.04	*	45	45	*	NE	3	0	3	*	*	*		
		Stornoway	30.14	42	Z	0	bc	30.28	+ 13	39	39	- 3	SSW	4	0	3	44	32	-		
0.04	25th	Sumburgh Hd.	30.48	36	SSE	5	0	30.59	+ 12	34	32	- 1	SSE	4	0	3	37	32	0.01		
		Stornoway	30.36	41	Z	0	bc	30.49	+ 21	35	35	- 4	SE	2	0	2	43	30	-		
0.04	26th	Bianity	29.88	56	ESE	3	bc	29.94	+ 05	53	49	0	S	1	0	1	61	46	-		
		Corunna	*	*	*	*	*	29.96	+ 08	55	*	+ 9	E	2	0	5	*	*	*		
0.04	27th	Stornoway 2pm	*	*	*	*	*	30.51	*	38	37	*	SE	1	0	1	*	*	*		
		Stornoway	30.52	30	E	1	b	30.56	+ 07	35	35	0	ESE	1	0	5	38	28	-		
0.04	28th	Corunna	*	*	*	*	*	29.94	- 02	51	*	- 4	E	1	0	5	*	*	*		
		Stornoway 2pm	*	*	*	*	*	30.52	*	40	37	*	ESE	4	0	3	*	*	*		
0.04	29th	Stornoway	30.48	37	E	4	0	30.30	- 26	36	35	+ 1	NE	1	0	1	41	32	0.02		
		Corunna	*	*	*	*	*	29.88	- 06	47	*	- 4	S	1	0	1	*	*	*		
0.04	30th	Toulon	30.16	48	SE	8	bc	30.17	- 03	47	43	- 1	E	8	0	2	*	*	0.04		
		Stornoway 2pm	*	*	*	*	*	30.25	*	40	38	*	NNE	2	0	1	*	*	*		
0.04	31st	Sumburgh Hd.	30.24	33	W	1	b	30.22	- 05	36	34	+ 2	WSW	2	0	2	39	31	0.09		
		Stornoway	30.25	38	WNW	1	c	30.30	00	38	37	+ 2	N	1	0	2	41	33	0.03		
0.04	1st	The Helder	30.21	36	NNE	1	c	30.21	+ 09	36	36	0	NNE	2	0	1	39	36	-		
		Corunna	*	*	*	*	*	29.92	+ 04	49	*	+ 2	S	1	0	5	*	*	*		
0.04	2nd	Lyons	30.11	50	SSE	1	b	30.17	+ 03	37	33	- 3	S	1	0	3	57	37	-		
		Sumburgh Hd. 2pm	*	*	*	*	*	30.22	*	41	38	*	W	1	0	2	*	*	*		
0.04	3rd	Stornoway 2pm	*	*	*	*	*	30.25	*	43	41	*	WSW	4	0	3	*	*	*		
		Stornoway	30.20	40	WSW	4	N	30.01	- 29	40	40	+ 2	N	3	0	3	45	32	0.20		
0.04	4th	Cape Gris Nez	30.26	37	N	2	0	30.15	- 10	34	33	- 7	N	1	0	1	37	34	-		
		Stornoway 2pm	*	*	*	*	*	29.98	*	41	41	*	NE	1	0	2	*	*	*		
0.04	5th	Corunna	30.00	35	N	6	0	29.95	- 06	35	35	- 5	NE	5	0	5	43	30	0.15		
		Stornoway 2pm	*	*	*	*	*	29.72	- 09	45	*	- 5	S	1	0	2	*	*	*		
0.04	6th	Stornoway	*	*	*	*	*	30.01	*	39	38	*	ESE	1	0	6	*	*	*		
		Sumburgh Head	30.12	35	ESE	5	c	30.17	+ 22	31	30	- 6	N	1	0	4	41	29	-		
0.04	7th	Stornoway	30.07	39	ESE	7	be	30.16	+ 21	36	36	+ 1	E	4	0	4	39	34	-		
		Sumburgh Head	30.09	31	N	2	c	29.88	- 29	29	26	- 2	N	2	0	3	36	27	0.03		
0.04	8th	Stornoway	30.10	33	NE	2	b	29.98	- 18	29	29	- 7	N	1	0	1	39	25	0.03		
		Corunna	*	*	*	*	*	29.77	+ 12	52	*	0	NE	2	0	4	*	*	*		
0.04	9th	Stornoway 2pm	*	*	*	*	*	29.11	*	32	32	*	E	1	0	1	*	*	*		
		CORRECTIONS																			
0.04	10th	Cambridge	29.93	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
		Liverpool	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
0.04	11th	Bonaghadee	29.26	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
		Valencia	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
0.04	12th	Prains	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
		Prains Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
0.04	13th	Hurst Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
		Yarmouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
0.04	14th	Bombrook	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
		Cambridge	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
0.04	15th	Barrow-in-Furness	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
		London	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
0.04	16th	Holyhead	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
		Bombrook	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
0.04	17th	Mullaghmore	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
		Sumburgh Head	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
0.04	18th	Shills	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
		Oxford	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
0.04	19th	Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
		Spurn Head	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
0.04	20th	Parsonstown	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
		Parsonstown	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
0.04	21st	Rock Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
		Spurn Head	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
0.04	22nd	Bane	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
		Liverpool	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
0.04	23rd	London	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
		Prains Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		