

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

SATURDAY, 1ST JANUARY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

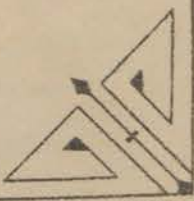
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ROBERT H. SCOTT
(SECRETARY.)



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36

WEATHER CHARTS

for 8 a.m. on SATURDAY 1st JANUARY - 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.

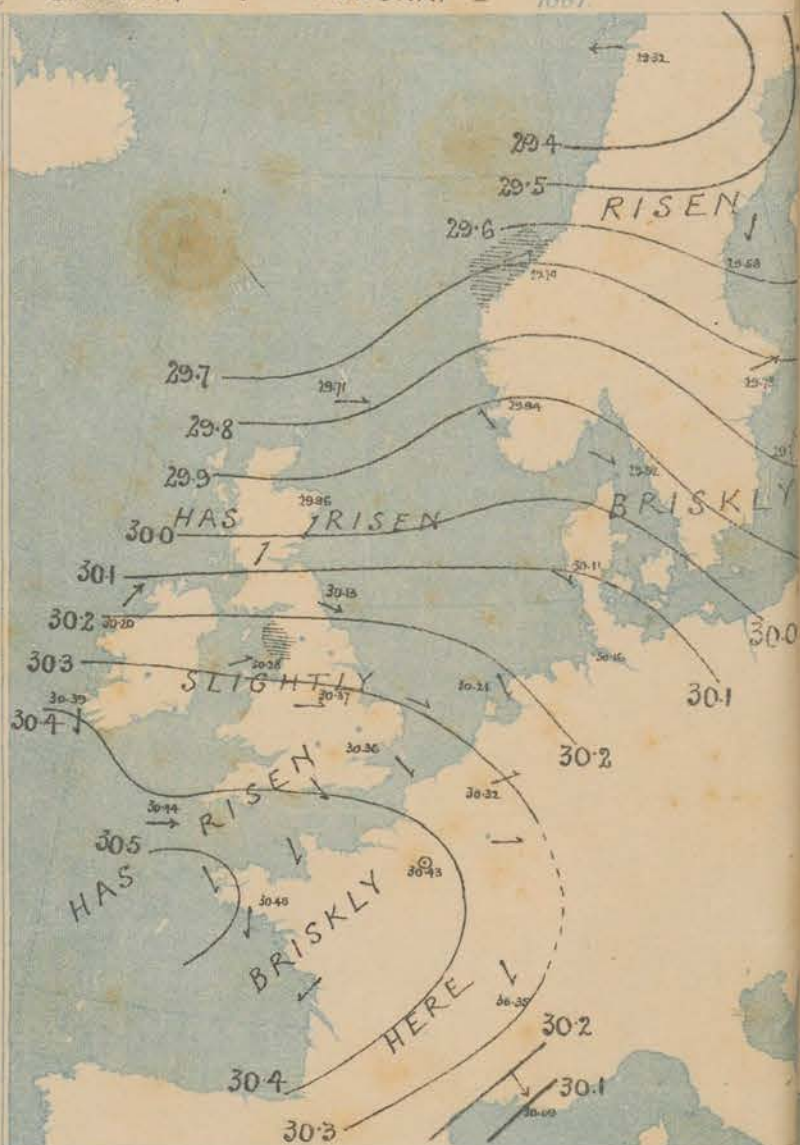
Sea Disturbance; where considerable, is shown by shading round the coast; thus  = Rough;  = High.

MEAN* HEIGHT of the BAROMETER

for the month of January.

Stations	Mean Readings
	Ins.
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greencastle	29.651
Holyhead	29.730
Valentia	29.721
Roche's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

* 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.

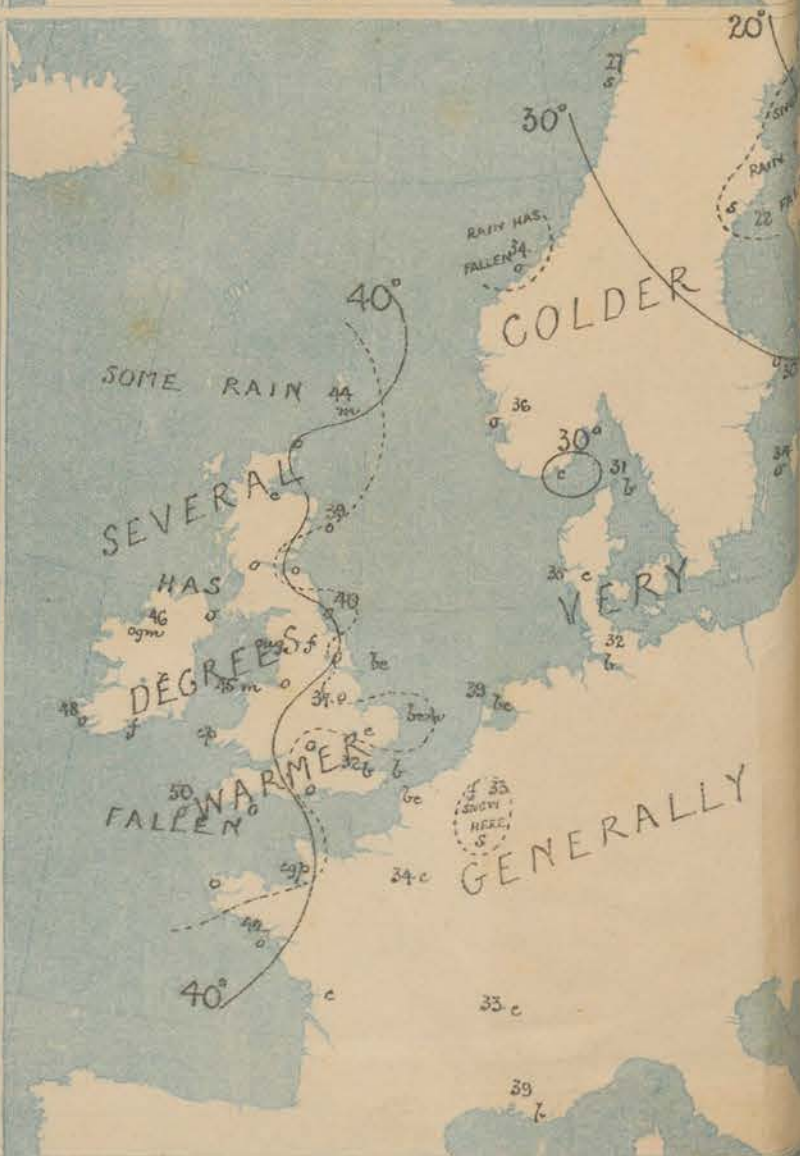
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL,

for the month of January.

Stations	Temp.	Rain-fall
	°	ins.
Sundburgh Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

* 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, 1st JANUARY 1881, at 8 a.m.

Fine bright weather prevails over North Germany, the Netherlands and the south-east of England, but elsewhere more or less cloud is reported, with rain at Parsonstown and Jersey, snow at Charleville, and some mist or fog at several stations. Rain has fallen except in the south of England, but the amounts are nowhere large. The wind is W^{ly} on nearly all coasts, and is generally moderate in force, but at Mullaghmore a fresh SW^{ly} wind is reported, while at Valentia the wind is N^{ly} and over France light and variable. Temperature has fallen over the Continent generally, but has risen several degrees over these Islands, the change in the north-east amounting to about 10° and at Ardara and Parsonstown to 18° and 15°, respectively. Readings range from 50° at Scilly to 32° in London and 33° at Lyons. During last night slight frost was experienced over Scotland, the east and south east of England and Central Ireland, the lowest reading being 26° at Parsonstown. Pressure is decreasing a little in our western and northern districts but is increasing elsewhere. Readings are high and uniform over France and the Southern parts of the United Kingdom, while low pressures are reported from the north of Scotland and the north of Sweden. The sea is moderate or slight.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

2nd JANUARY 1881.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	W ^{ly} or WNW ^{ly} breezes, moderate generally; cloudy, but probably no rain.
2 SCOTLAND EAST	8° 8° 8°
3 ENGLAND N.E.	8° 8° 8°
4 ENGLAND EAST	W ^{ly} winds, light or moderate; generally fair.
5 MIDLAND COUNTIES	Light W ^{ly} breezes or calms; dull, but no rain.
6 ENGLAND SOUTH	Light W ^{ly} or NW ^{ly} breezes; fine to dull; slight rain at night.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SW ^{ly} breezes, light; dull, slight rain.
7 ENGLAND N.W.	WSW ^{ly} breezes, moderate; dull, misty rain.
8 ENGLAND S.W.	W ^{ly} winds, fresh; dull, slight rain.
9 IRELAND NORTH	SW ^{ly} and W ^{ly} winds, moderate or fresh; dull, slight rain, then fair.
10 IRELAND SOUTH	NW ^{ly} breezes, backing to W, moderate generally; fair to dull and some rain.
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 1st JANUARY. 1881.

+ YESTERDAY EVENING.							8 A.M. TO DAY.										LAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.51	18	SW	2	0	29.57	- 0.24	20	19	+ 2	NE	2	0	*	21	16	0.08		
Hernösand	29.31	33	Z	0	0	29.38	+ .30	22	22	- 12	NE	2	0	*	?	?	-		
Stockholm	29.47	29	W	6	6	29.73	+ .44	30	28	- 6	WSW	6	0	*	26	27	-		
Wisby	29.57	35	W	6	6	29.76	+ .31	34	32	- 3	WNW	4	0	*	39	28	-		
Bodo	29.72	26	E	4	0	29.77	+ .20	27	24	+ 4	E	4	0	*	27	21	-		
Christiansund	29.53	35	WNW	9	0	29.70	+ .57	34	31	+ 1	WSW	7	0	6	36	25	0.28		
Skudesnaes	29.45	32	WNW	4	5	29.94	+ .43	36	33	+ 3	SE	4	0	4	36	32	-		
Oxö (Könöstad)	29.71	30	W	2	6	29.93	+ .42	28	26	- 5	W	4	0	2	35	27	-		
Skagen (The Skaw)	29.69	31	WNW	3	6	29.92	+ .52	31	28	- 5	WNW	2	0	0	36	27	-		
Faro	29.85	36	W	4	6	30.11	+ .44	35	33	- 1	WNW	4	0	*	37	30	-		
Cuxhaven	29.96	37	WNW	1	6	30.16	+ .46	32	31	- 7	WSW	1	0	*	39	30	-		
Sumburgh Head	29.84	35	WNW	5	0	29.71	+ .07	44	44	+ 11	W	4	0	4	45	26	0.30		
Stornoway																			
Wick	29.99	35	WNW	2	0	29.86	+ .05	38	37	+ 7	W	4	0	4	40	28	0.11		
Nairn	30.03	35	W	3	0	29.92	+ .43	40	40		W	5	0	3	43	30	0.06		
Aberdeen	30.02	34	WNW	3	0	29.95	+ .09	39	37	+ 2	SW	1	0	1	41	29	0.03		
Leith	30.10	32	W	1	6	30.07	+ .08	36	33	+ 5	SW	2	0	*	39	29	-		
Shields	30.10	33	WNW	3	0	30.13	+ .11	40	40	+ 12	WNW	5	0	3	40	28	0.04		
Spurn Head	30.10	35	WNW	4	6	30.22	+ .26	39	38	+ 5	WSW	4	0	4	39	32	-		
York	30.10	35	WNW	1	0	30.23	+ .18	40	39	+ 10	WSW	1	0	*	40	30	0.02		
Nottingham	30.25	36	WNW	1	6	30.37	+ .31	37	36	+ 5	W	1	0	*	38	30	-		
Ardrossan	30.15	40	WNW	4	6	30.15	+ .10	46	45	+ 18	SW	2	0	2	46	28	0.09		
Mullaghmore	30.26	40	SW	5	0	30.20	+ .05	46	45	+ 6	SW	5	0	4	46	38	0.06		
Donaghadee	30.24	35	WNW	4	0	30.20	+ .10	42	42	+ 9	WSW	4	0	2	42	30	-		
Parsonstown	30.27	34	WSW	1	6	30.31	+ .03	41	41	+ 15	SW	1	0	*	42	36	0.01		
Barrow-in-Furness	30.21	29	WNW	3	0	30.22	+ .15	43	43	+ 11	SW	4	0	5	44	28	0.05		
Holyhead	30.28	42	WNW	5	0	30.28	+ .15	45	44	+ 4	WSW	3	0	3	45	39	0.04		
Liverpool (Bishopstow)	30.24	29	WNW	4	0	30.27	+ .16	43	41	+ 9	WSW	3	0	1	43	24	0.02		
Valentia	30.44	43	W	3	0	30.39	+ .05	48	47	+ 6	W	3	0	3	50	39	0.08		
Roche's Point	30.35	38	W	3	6	30.35	+ .06	45	45	+ 10	WNW	2	0	4	45	34	-		
Pembroke	30.35	43	W	4	6	30.35	+ .02	48	47	+ 9	WSW	3	0	4	48	39	0.01		
Scilly	30.41	45	WNW	5	0	30.44	+ .24	50	49	+ 6	W	5	0	4	50	43	0.01		
Prawle Point	30.29	37	WNW	4	6	30.40	+ .29	43	42	+ 7	W	2	0	3	45	35	0.02		
Hurst Castle	30.32	36	WNW	2	6	30.37	+ .14	38	37	+ 4	WNW	2	0	3	38	33	-		
Dover	30.23	34	WNW	4	6	30.35	+ .44	37	35	+ 1	WNW	3	0	1	38	33	-		
London	30.27	31	WNW	2	6	30.36	+ .33	32	31	0	SW	1	0	*	36	30	-		
Oxford	30.32	35	WSW	3	0	30.37	+ .34	35	35	0	W	1	0	*	37	34	0.01		
Cambridge	30.23	31	WNW	1	6	30.32	+ .33	34	34	+ 2	WSW	1	0	*	36	29	0.02		
Yarmouth	30.15	32	WNW	2	0	30.29	+ .37	33	32	- 4	WNW	2	0	4	38	30	0.19		
The Helder	30.08	40	WNW	5	6	30.21	+ .43	39	36	- 2	WNW	1	0	1	41	36	-		
Cape Gris Nez	30.21	37	WNW	7	6	30.27	+ .48	41	37	+ 2	WNW	5	0	4	43	36	-		
Jersey	30.39	41	N	3	6	30.49	+ .40	43	42	0	WNW	3	0	3	44	38	0.02		
Brest	30.45	44	N	5	0	30.51	+ .41	47	46	+ 6	WNW	1	0	2	47	37	0.08		
Lorient	30.41	44	N	7	6	30.49	+ .42	42	41	- 1	N	4	0	3	45	39	-		
Roche fort	30.30	45	N	7	6	30.49	+ .42	37	37	- 6	NE	3	0	2	55	34	-		
Biarritz																			
Copanna																			
Brussels						30.32	+ .49	33	33	- 5	WSW	1	0	*	40	31	0.24		
Charleville	30.10	35	W	1	0	30.22	?	32	30	- 5	W	1	0	*	34	31	0.12		
Paris	30.22	39	W	3	0	30.43	+ .46	34	32	- 5	W	1	0	*	*	*	-		
Lyon	30.18	38	N	4	0	30.35	+ .32	33	32	- 5	WNW	1	0	*	45	33	-		
Toulon	30.12	43	WNW	5	6	30.09	+ .01	34	31	- 2	WNW	7	0	4	48	37	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.30	30	W	4	0	28.45	+ .15	36	36	+ 12	WSW	3	0	*	36	23	0.38		

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.											
Stations.	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	Stations.	Bar.	Dry.	Wet.	Wind.
Skudesnaes	29.55	33	31	WNW	9	5	Valentia	30.40	46	41	WNW
Sumburgh Head	29.77	39	38	WNW	6	5	Scilly	30.35	45	41	WNW
Stornoway							Dover	30.07	38	36	W
Aberdeen	29.94	35	32	WNW	2	3	London	30.15	36	34	WNW
Shields	30.05	33	33	WNW	3	3	Yarmouth	30.07	36	35	WNW
Ardrossan	30.11	40	38	WNW	3	2	Jersey	30.23	43	40	N
Mullaghmore	30.25	43	40	WNW	6	5	Roche fort	30.51	47	42	N
Holyhead	30.28	41	38	WNW	6	0					

Because still increase everywhere with NW and N winds. In the E. the weather is fine and cold, in the W. more cloudy. Snow is falling in the Shetlands and hail showers at Jersey.

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; 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, 2ND JANUARY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

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S. W.

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ROBERT H. SCOTT

(SECRETARY.)



Printed by D. J. Dancerfield, 11th 22, Bedford St. Covent Garden.

WEATHER CHARTS



for 8 a.m. on SUNDAY, 2ND JANUARY 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 January.

Stations.	Mean Readings.
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
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Greencastle	29.651
Holyhead	29.730
Valentia	29.721
Roche's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

* 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.

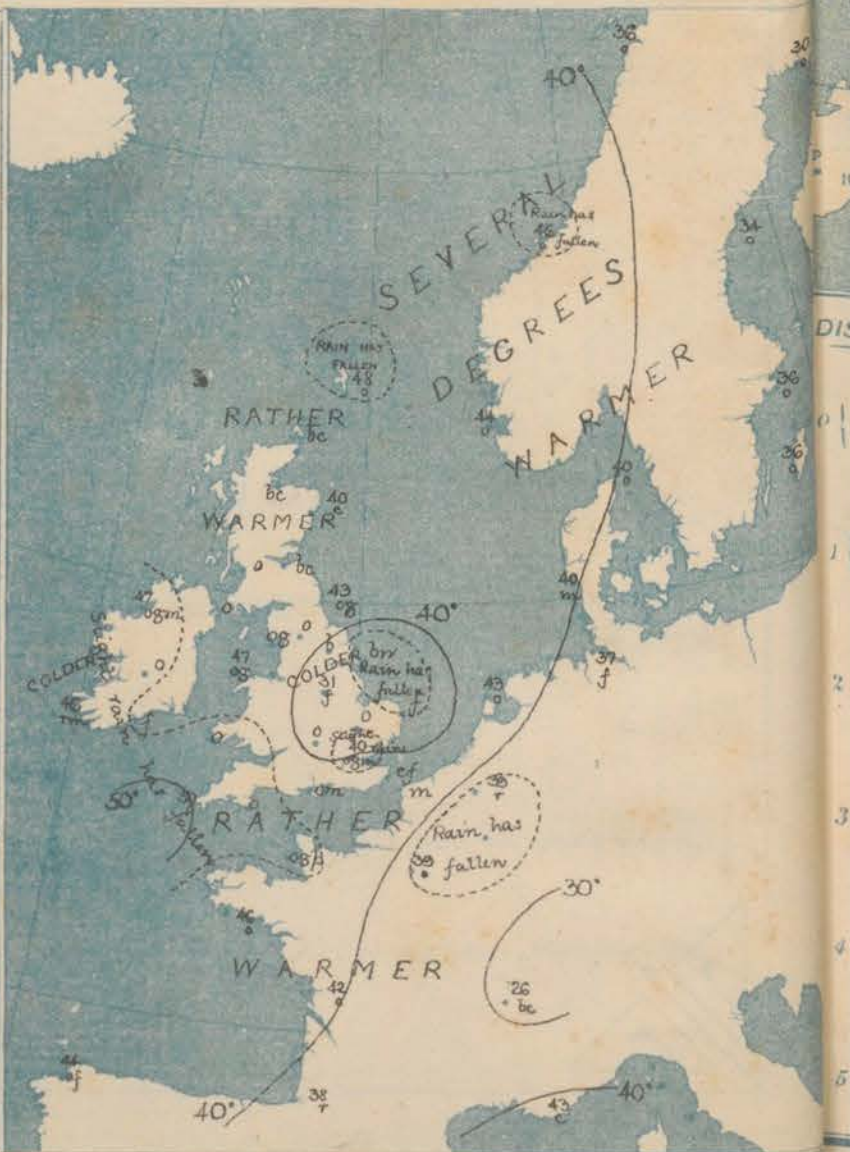
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 January.

Stations	Temp.	Rain-fall
Sundburgh Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Silly (St Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

* 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 January 2nd 1881 at 8 a.m.

Comparatively quiet weather prevails over the larger part of Wth Europe but in the extreme N. more unsettled conditions are reported.

Barometric readings range from 30.4 ins. over the Channel to 30.1 ins. at Toulon and 29.0 ins. in the extreme N. of Scandinavia. The mercury is falling briskly in the far N. and a large and important depression is shown there, but elsewhere the changes are comparatively slight and generally upward.

The Wind is E^{ly} over France but is W^{ly} in nearly all other places and is light to fresh in force except in the Shetlands and N. of Norway where it blows a fresh to strong gale. In N. Ireland the wind is backing towards S.

Temperature has fallen over Central England and the S^e of France, risen elsewhere. Readings range from 50° at Scilly to 26° at Lyons, 31° at Nottingham and 30° at Haparanda.

Weather is dull except in the NE. Dense fog prevails in the S^e and rain is falling in N. Ireland.

Sea is high in the extreme N. moderate to smooth elsewhere.

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

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 2ND JANUARY 1881.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Difference from 8 a.m. yesterday.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Direc.	Force. (0 to 12).			Dry.	Wet.		Direc.	Force. (0 to 12).			Max.	Min.				
																	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	
Haparanda ...	29.56	21	Z	0	0	29.23	- 28	30	30	+ 11	SW	4	0	*	30	19	-		
Hernösand ...	29.64	24	Z	0	f	29.55	- 03	34	28	+ 12	Z	0	0	*	36	16	-		
Stockholm ...	29.92	24	Z	0	f	29.83	+ 10	36	36	+ 6	WSW	4	0	*	?	21	-		
Wisby ...	29.96	33	WNW	4	f	29.91	+ 15	36	35	+ 2	W	4	0	*	36	28	-		
Bodö ...	29.20	26	S	2	0	28.99	- 33	26	35	+ 9	SW	4	0	4	?	19	-		
Christiansund...	29.30	42	SW	9	0	29.47	- 23	46	44	+ 12	WSW	9	0	7	46	27	0.28		
†Skudesnaes ...	29.95	41	WSW	4	r	30.02	+ 08	44	43	+ 8	SW	6	0	5	?	36	-		
Oxö (Xtiansund)...	29.93	40	SW	4	r	30.02	+ 10	41	40	+ 13	W	4	0	2	?	?	-		
Skagen (The Skaw)	29.99	37	W	4	0	30.01	+ 09	40	40	+ 9	WNW	6	0	5	41	27	-		
Fanö ...	30.21	39	SW	4	r	30.26	+ 15	40	40	+ 5	W	4	0	*	41	34	-		
Cuxhaven ...	30.30	33	SSW	1	f	30.35	+ 19	37	37	+ 5	SW	3	f	*	?	30	0.05		
†Sumburgh Head	29.78	46	W	6	r	29.82	+ 11	48	46	+ 4	W	8	0	7	49	44	0.01		
†Stornoway																			
Wick ...	29.95	40	W	5	0	30.02	+ 16	48	42	+ 5	SW	4	6c	4	46	38	-		
Nairn ...	30.01	45	W	5	6c	30.07	+ 15	45	41	+ 2	W	4	6c	2	47	37	-		
†Aberdeen ...	30.03	44	Z	0	c	30.12	+ 16	40	38	+ 1	WSW	1	c	1	46	38	-		
Leith ...	30.09	38	SW	2	6c	30.21	+ 14	46	40	+ 10	WNW	5	6c	*	46	30	-		
†Shields ...	30.13	40	W	4	0	30.29	+ 16	43	40	+ 3	Z	0	og	2	44	39	-		
Spurn Head ...	30.28	43	WSW	3	0	30.34	+ 12	39	38	+ 0	WSW	2	6w	2	43	37	0.02		
York ...	30.23	44	WSW	1	6c	30.34	+ 11	38	38	+ 2	WSW	1	6	*	45	37	-		
Nottingham ...	30.27	44	W	1	0	30.38	+ 11	31	30	+ 6	Z	0	f	*	45	30	-		
†Ardrossan ...	30.20	48	W	3	0	30.29	+ 14	46	45	+ 0	SW	3	0	3	48	45	-		
†Mullaghmore ...	30.28	47	WSW	4	r	30.29	+ 09	47	45	+ 1	SSW	4	ogw	4	48	44	0.05		
Donaghadee ...	30.27	47	WNW	3	0	30.31	+ 11	46	45	+ 4	WSW	2	0	0	48	42	-		
Parsonstown ...	30.37	47	WSW	2	0	30.40	+ 09	44	44	+ 2	SW	1	0	*	48	41	0.03		
Barrow-in-Furness	30.25	44	WSW	4	0	30.35	+ 11	45	44	+ 2	WSW	2	og	3	46	42	0.02		
†Holyhead ...	30.32	48	WSW	2	0	30.38	+ 10	47	46	+ 2	WNW	2	og	1	48	40	-		
Liverpool (Bidston)	30.29	45	W	4	0	30.37	+ 10	44	43	+ 1	W	3	0	1	46	43	-		
†Valentia ...	30.43	49	SW	3	0	30.40	+ 01	46	46	+ 2	SW	2	rm	1	52	43	0.11		
Roche's Point...	30.43	40	WNW	3	c	30.43	+ 08	46	45	+ 1	WSW	2	f	3	49	36	-		
Pembroke ...	30.34	49	WNW	2	0	30.38	+ 05	48	46	+ 0	NN	1	0	2	49	46	0.01		
†Scilly ...	30.35	49	NNW	4	0	30.42	+ 02	50	49	+ 0	NNW	3	0	4	51	48	0.05		
Prawle Point ...	30.37	48	W	2	m	30.40	+ 00	45	43	+ 2	N	2	0	3	?	48	43	0.02	
Hurst Castle ...	30.37	45	W	2	0	30.40	+ 03	44	43	+ 6	N	1	om	3	47	37	-		
†Dover ...	30.34	41	W	2	6c	30.40	+ 05	44	43	+ 7	N	2	cf	0	45	37	-		
†London ...	30.32	40	WNW	1	om	30.40	+ 04	40	40	+ 8	N	1	ogw	*	42	32	0.01		
Oxford ...	30.37	42	Z	0	f	30.41	+ 04	36	35	+ 1	W	1	0	*	42	35	-		
Cambridge ...	30.29	37	SW	1	c	30.38	+ 06	40	40	+ 6	NN	1	0	*	43	32	-		
†Yarmouth ...	30.25	37	WSW	2	c	30.37	+ 08	37	37	+ 4	W	2	f	3	40	30	0.02		
The Helder ...	30.27	42	SW	1	r	30.34	+ 03	43	42	+ 4	SW	1	0	1	43	39	0.08		
Cape Gris Nez ...	30.34	44	W	4	0	30.39	+ 02	44	44	+ 3	S	1	m	1	46	36	0.04		
†Jersey ...	30.44	46	W	2	0	30.42	+ 07	47	47	+ 4	ENE	2	ogp	2	47	42	0.14		
Brest ...	30.37	49	Z	0	0	30.41	+ 10	?	44	+ ?	Z	0	0	3	?	39	-		
Lorient ...	30.43	46	NNW	1	0	30.37	+ 12	46	45	+ 4	E	1	0	2	50	41	-		
†Rochefort ...	30.45	44	N	1	0	30.33	+ 16	42	41	+ 5	E	3	0	2	55	34	-		
Biarritz ...	30.47	41	ESE	4	r	30.35	+ 16	38	36	+ 0	E	4	r	2	46	34	-		
Coruna ...	*	*	*	*	*	?	?	44	*	+ 3	SW	?	of	5	*	*	*		
Brussels ...	*	*	*	*	*	30.44	+ 12	39	38	+ 6	SSW	1	r	*	39	?	0.04		
Charleville ...														*					
Paris ...	30.42	41	?	4	6	30.45	+ 02	39	37	+ 5	NNE	3	0	*	*	*	0.04		
Lyons ...	30.34	38	ENE	3	6	30.34	+ 01	26	?	+ 7	SW	1	6c	*	37	?	-		
Toulon ...	30.08	42	N	4	6	30.14	+ 05	43	32	+ 4	NE	4	c	2	48	39	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.97	39	WSW	3	f	29.06	+ 11	40	40	+ 4	W	4	0	*	40	35	1.16		

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.87	37	37	SE	5	r	5	Valentia ...	30.40	51	50	WNW	4	om	4
Sumburgh Head	29.77	45	44	W	4	m	4	Scilly ...	30.41	51	51	W	4	df	4
Stornoway ...								Dover ..	30.35	42	40	WSW	2	bo	1
Aberdeen ...	29.98	41	39	2	0	om	1	London ...	30.34	42	41	WNW	1	ogm	*
Shields ...	30.13	44	43	W	2	0	4	Yarmouth ...	30.27	37	36	W	2	df	4
Ardrossan ...	30.16	48	47	W	3	0	3	Jersey ...	30.45	46	46	WSW	2	c	3
Mullaghmore ...	30.26	48	47	SW	8	ogm	4	Rocheport ...	30.48	45	42	WSW	1	c	2
Holyhead...	30.28	47	46	W	3	bo	3								

Scarcely any change has occurred since the morning.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (b). 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

JANUARY 3RD

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on MONDAY, 3rd JANUARY.

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.

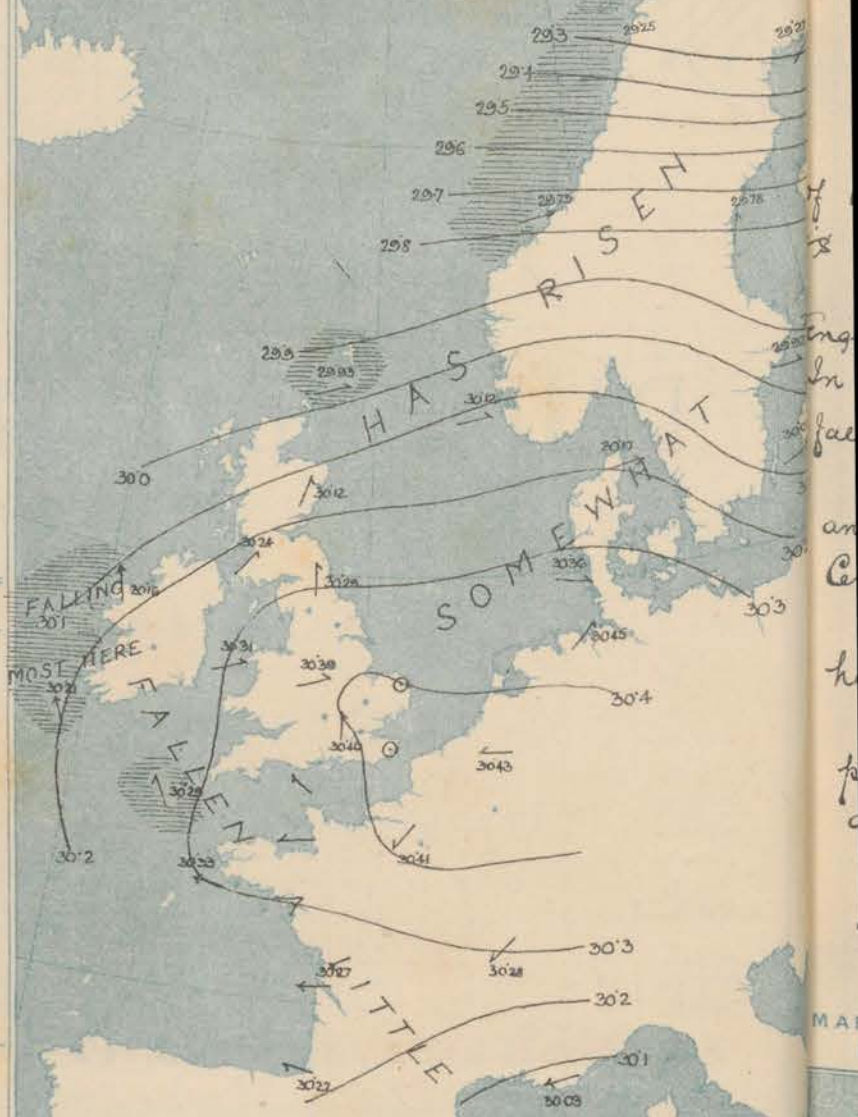
Wind. Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus:
→ forces above 10; →→ forces 8 to 10; →→→ forces 5 to 7; →→→→ forces 1 to 4;
○ = dead calm.

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

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

Stations.	Mean Readings.
	Inch.
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greencastle	29.651
Holyhead	29.730
Valentia	29.721
Roche's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

* 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 January.

Stations	Temp.	Rain-fall
	°	ins.
Sunbury Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parslowtown	39.6	3.62
Valentia	43.0	7.70
Selly (St Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

* 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 January 3rd 1881 at 8 a.m.

The weather over the United Kingdom to-day though very quiet at most of the English & Scotch Stations is inclined to break up in the W. and the change is spreading gradually to the Eth and Nth also.

Barometric readings vary from about 30.4 ins: over Belgium and the E of England to 30 ins: in the N. of Scotland and to 29.3 ins: in the N. of Scandinavia. In the latter region the barometer is rising briskly, but over the United Kingdom it is falling gradually - most in the W.

S^W (SSE to SSW) winds prevail very generally on our own coasts, and blow a strong and increasing breeze in the extreme N. of Ireland, while they are very light over the Central, Sth and Eth parts of Ireland.

Temperature has changed very little in the past 24 hours but is rather high for the time of year, and the air is damp. Over France, however, temperature is low.

The weather is fine at the Scotch Stations, very dull in most other places, with fog in the E and SE. A little rain fell yesterday in the S. of Ireland and at one or two Stations in the S. of England.

The Sea is rough in the extreme SW. and W., smooth at Holyhead and Dover.

FORECASTS

for the 24 hours ending at Noon
on the

4th of January 1881.

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

MAP SHOWING DISTRICTS



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SW ^{ly} winds, strong perhaps increasing to a gale; squally, showery, mild.		
2 SCOTLAND EAST	S ^{ly} and SW ^{ly} winds light to fresh; fair to unsettled, mild.		
3 ENGLAND N.E.	D ^o	D ^o	D ^o
4 ENGLAND EAST	S ^{ly} breezes light; fine generally, mild.		
5 MIDLAND COUNTIES	Same as N ^{os} 1 & 2		
6 ENGLAND SOUTH	Same as N ^o 3		

6 SCOTLAND WEST	Same as N ^o 0		
7 ENGLAND N.W.	S ^{ly} winds, moderate at first then strong & squally; with rain.		
8 ENGLAND S.W.	D ^o	D ^o	D ^o
9 IRELAND NORTH	S ^{ly} winds strong to a gale; dull, rain at times.		
10 IRELAND SOUTH	D ^o	D ^o	D ^o
WARNINGS	South Cone has been hoisted in District 10.		

METEOROLOGICAL OBSERVATIONS FOR 3RD JANUARY. 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			Dirce.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda ...	29.16	35	NW	4	b	29.27	+ .04	30	30	0	SW	4	b	*	36	23	—		
Hernösand ...	29.67	35	S	2	c	29.78	+ .23	36	33	+ 2	SSW	2	c	*	37	19	—		
Stockholm ...	29.87	39	WSW	6	b	29.92	+ .09	37	36	+ 1	W	6	0	*	39	33	—		
Wisby ...	29.97	38	WSW	4	b	30.02	+ .11	38	37	+ 2	WSW	2	b	*	39	28	—		
Bodö ...	29.15	37	W	8	0	29.25	+ .26	35	32	— 1	NW	8	0	7	37	23	0.08		
Christiansund...	29.65	40	WSW	9	r	29.73	+ .26	40	38	— 6	WSW	6	r	6	32	32	0.67		
†Skudesnaes ...	30.12	45	SW	6	0	30.12	+ .10	42	42	— 2	WSW	2	c	4	?	?	—		
Oxö (Xiansund) ...	30.12	41	WSW	6	b	30.15	+ .12	41	40	0	SW	4	0	2	41	39	—		
Skagen (The Skaw)	30.12	41	WSW	4	0	30.17	+ .16	41	41	+ 1	WSW	5	0	3	41	36	—		
Fanö ...	30.35	42	W	4	0	30.36	+ .10	41	41	+ 1	W	4	0	*	?	39	0.04		
Cuxhaven ...	30.45	39	SW	8	f	30.45	+ .10	38	38	+ 1	SW	1	f	*	?	34	—		
†Sumburgh Head	29.89	47	W	7	c	29.93	+ .11	45	44	— 3	WSW	4	m	5	49	44	—		
†Stornoway ...																			
Wick ...	30.07	47	NNW	2	b	30.02	0.0	43	43	0	NNW	1	c	2	47	40	—		
Nairn ...	30.10	46	W	2	c	30.06	— .01	45	42	0	W	2	b	2	49	42	—		
†Aberdeen ...	30.18	35	L	0	b	30.12	0.0	38	37	— 2	SSW	1	b	1	46	33	—		
Leith ...	30.25	46	W	1	b	30.21	0.0	45	42	— 1	W	1	0	*	48	42	—		
†Shields ...	30.30	46	L	0	0	30.29	0.0	41	40	— 2	S	1	om	2	48	36	—		
Spurn Head ...	30.37	42	WSW	2	0	30.37	+ .03	40	40	+ 1	SW	2	0	1	46	37	—		
York ...	30.37	44	WSW	1	0	30.36	+ .02	41	40	+ 3	SW	1	0	*	48	36	—		
Nottingham ...	30.42	41	W	1	0	30.39	+ .01	42	42	+ 11	WSW	2	0	*	44	30	—		
†Ardrossan ...	30.29	46	SW	3	c	30.24	— .05	45	44	— 1	SW	3	0	3	48	44	—		
†Mullaghmore ...	30.27	47	SW	4	ogm	30.16	— .18	45	43	— 2	S	6	og	5	48	44	—		
Donaghadee ...	30.22	45	SSW	2	0	30.25	— .06	43	42	— 3	SSW	2	0	0	46	42	—		
Parsonstown ...	30.26	44	L	0	0	30.26	— .14	43	42	— 1	S	1	0	*	47	42	—		
Barrow-in-Furness	30.36	44	SW	2	0	30.35	0.0	41	40	— 4	SW	3	0	4	46	40	—		
†Holyhead ...	30.38	47	SW	2	m	30.31	— .07	45	43	— 2	SW	3	og	2	48	42	—		
Liverpool (Bidston)	30.40	45	SSW	1	0	30.35	— .02	41	38	— 3	W	1	0	1	46	41	—		
†Valentia ...	30.33	48	S	3	op	30.21	— .19	49	44	+ 3	SSE	5	0	5	51	45	0.04		
Roche's Point...	30.28	47	SW	3	f	30.26	— .17	47	45	+ 1	SW	4	c	4	50	42	0.02		
Pembroke ...	30.38	46	ESE	1	0	30.30	— .08	46	45	— 2	SSE	3	0	2	49	45	—		
†Scilly ...	30.38	49	E	4	0	30.29	— .13	50	48	0	SSE	2	0	6	50	47	—		
Prawle Point ...	30.40	45	NE	3	0	30.34	— .06	45	44	0	SE	4	0	4	46	44	0.01		
Hurst Castle ...	30.51	44	L	0	0	30.38	— .02	44	43	0	SE	1	om	2	46	44	—		
†Dover ...	30.44	45	SW	2	og	30.41	+ .01	41	38	— 3	L	0	b	0	46	39	—		
†London ...	30.43	42	L	0	f	30.40	0.0	42	40	+ 2	S	2	of	*	43	41	0.01		
Oxford ...	30.43	42	L	0	fg	30.39	— .02	42	41	+ 6	ESE	1	fg	*	42	37	—		
Cambridge ...	30.43	42	NW	1	0	30.41	+ .03	40	40	0	SW	1	0	*	44	39	—		
†Yarmouth ...	30.40	42	WSW	1	f	30.40	+ .03	41	40	+ 4	L	0	fg	2	42	35	—		
The Helder ...	30.43	42	SW	1	0	30.41	+ .07	40	40	— 3	SSW	1	0	1	45	39	—		
Cape Gris Nez ...	30.42	42	SSE	1	m	30.40	+ .01	36	32	— 8	SSE	1	b	0	46	34	—		
†Jersey ...	30.42	46	ENE	1	0	30.39	— .03	36	34	— 11	E	1	b	1	48	35	0.01		
Brest ...	30.36	46	E	3	0	30.33	— .08	38	37	?	ESE	4	b	3	48	37	—		
Lorient ...	30.33	44	SE	4	0	30.29	— .08	31	?	— 15	E	4	b	2	48	30	—		
†Rochefort ...	30.32	41	NW	5	b	30.27	— .06	31	30	— 11	ENE	5	b	2	48	27	—		
Biarritz ...	30.28	40	E	4	b	30.22	— .13	30	28	— 8	ESE	4	f	2	46	27	—		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.43	— .01	29	29	— 10	E	1	b	*	41	29	—		
Charleville ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Paris ...	30.45	37	?	3	b	30.41	— .04	29	28	— 10	NE	1	0	*	*	*	—		
Lyons ...	30.36	28	NNW	1	b	30.28	— .06	24	23	— 2	NE	1	m	*	34	22	—		
Toulon ...	30.18	44	E	9	0	30.03	— .11	47	39	+ 4	ENE	7	0	6	?	41	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.08	39	SSW	5	0	29.04	— .02	36	36	— 4	SSW	4	0	*	41	36	0.05		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	30.10	46	43	SW	4	0	Valentia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						*
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	30.34	48	44	E	2	b
Holyhead													

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

TUESDAY, 4TH JANUARY,

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on TUESDAY, 4TH JANUARY.

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 January.

Stations.	Mean Readings.
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greencastle	29.651
Holyhead	29.730
Valentia	29.721
Roches Pt.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

* 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.

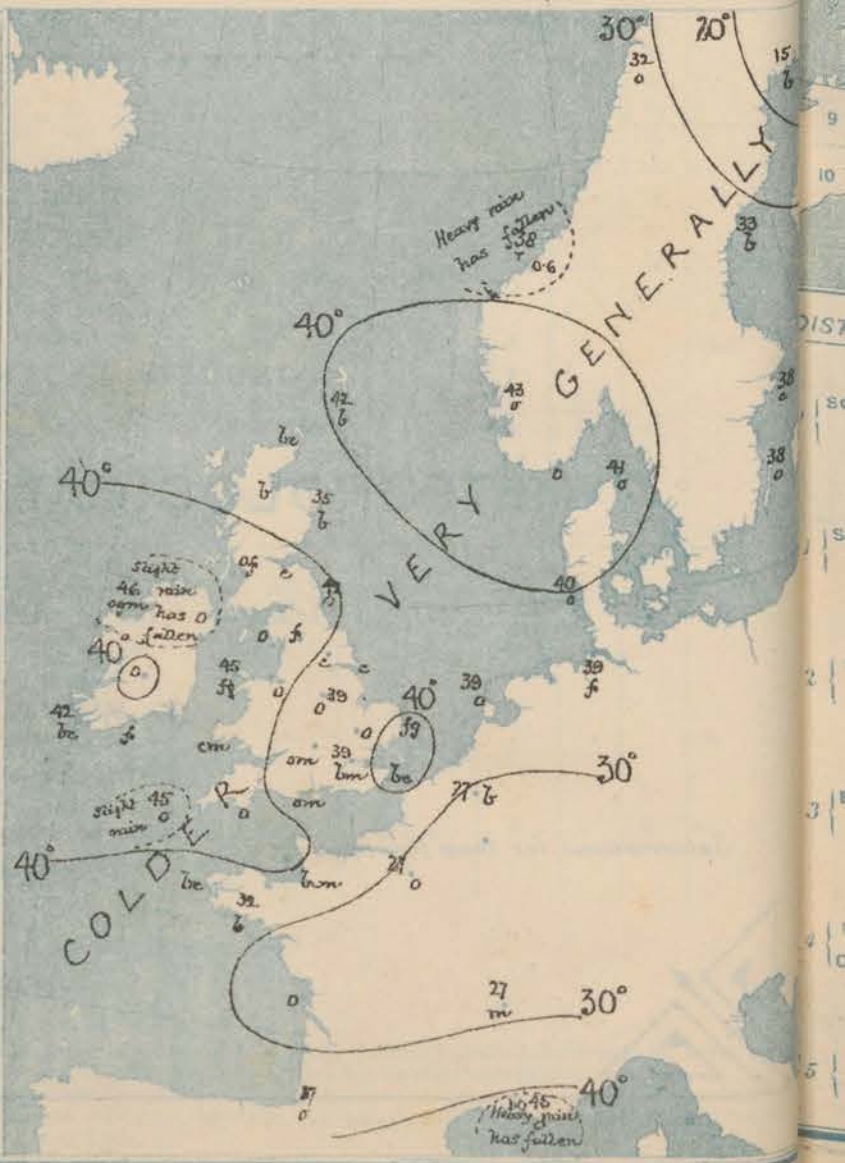
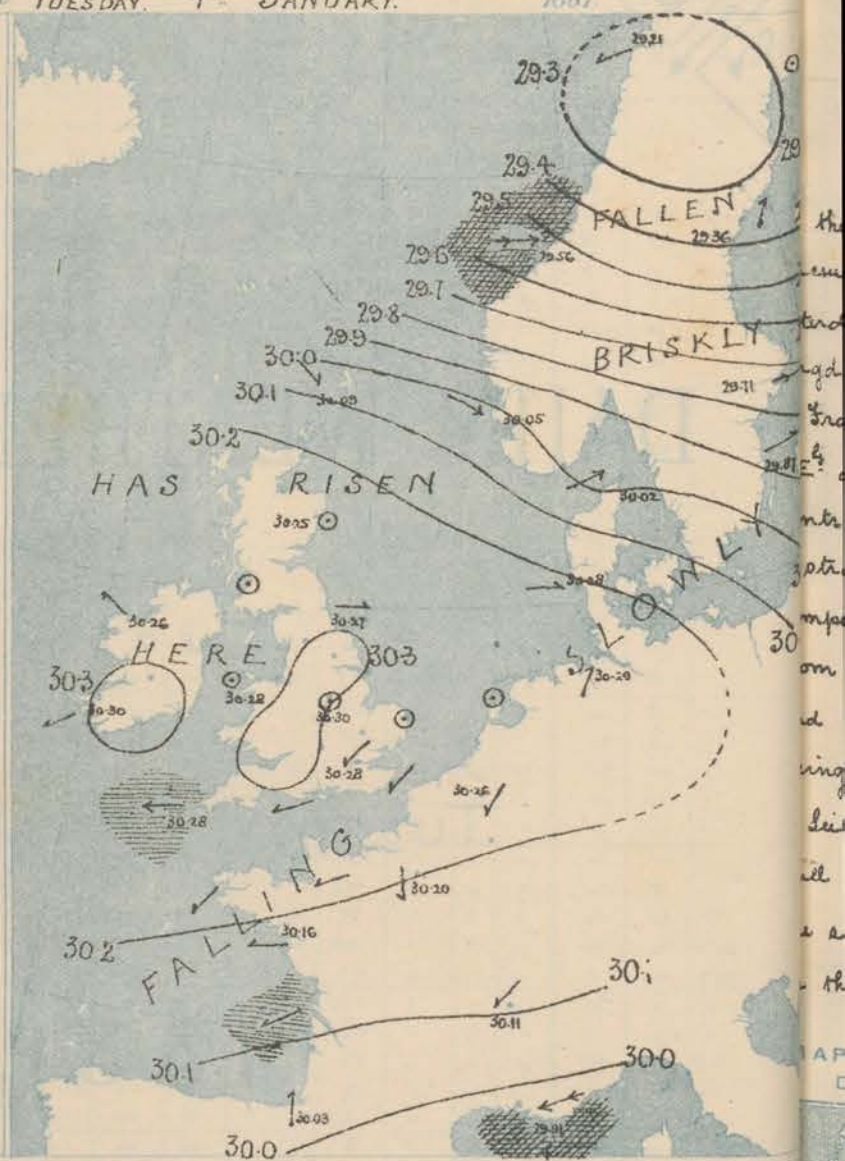
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL,

for the month of January.

Stations	Temp.	Rain-fall.
Samburgh Head	39.0	3.00
Sorness	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

* 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 4th January 1881 at 8 a.m.

the course of the past twenty-four hours the barometer has risen somewhat decidedly on our Wth and Nth coasts, and the depressions which seemed to be approaching the Irish coasts yesterday have already disappeared. Barometric readings are now highest over the United Kingdom and the southern part of the North Sea, and as the barometer is falling somewhat over France, gradients for NE winds are being gradually formed over our Sth districts. Eth and Eth winds are consequently prevalent in those regions, while calms prevail at our central stations and Wth (S.W. to NW) airs in the N. In the S. of Norway the Wth wind is strong.

Temperature has decreased everywhere. In our Islands it is irregularly distributed and ranges from between 33° and 40° at our Sth stations and 35° at Aberdeen to 45° at Sully and Holyhead and 46° at Mullaghmore. Over France and Belgium it is much colder, the present readings being 27° at Lyons, Paris, and Brussels, and 28° at Rochefort. Slight rain fell in the N. of Ireland and Sully yesterday. The weather is now dry in most places. At the central stations it is foggy and ill, but in other parts of our Islands and the N. of France it is moderately clear. The sea is generally moderate in the S, and also in the far N., very smooth off our E. coast and the Irish Sea.

FORECASTS

for the 24 hours ending at Noon
on the

5th of January

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

MAP SHOWING DISTRICTS.



DISTRICTS

FORECASTS

1	SCOTLAND NORTH	NW and N th winds, light or moderate; cold, fair.
2	SCOTLAND EAST	B th D th D th
3	ENGLAND N.E.	W th to N th airs, and calms; fine, dry, local fogs.
4	ENGLAND EAST	N th and NE th breezes, light to fresh; fair and cold; cloudy at times.
5	MIDLAND COUNTIES	Same as N th 2.
6	ENGLAND SOUTH	NE th breezes, moderate to fresh; fair, dry.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	W th breezes, light; fair on the whole.
7	ENGLAND N.W.	Same as N th 2 and 1.
8	ENGLAND S.W.	Same as N th 5.
9	IRELAND NORTH	Same as N th 6.
10	IRELAND SOUTH	NE th winds, light or moderate; fair, cold.
	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 4TH JANUARY 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.	Dr.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.			
Haparanda	29.28	29	W	4	b	29.31	+ .04	15	15	- 5	Z	0	b	*	30	?	-		
Hernösand	29.62	40	SSW	4	c	29.36	- .42	33	30	- 3	SSW	2	b	*	41	28	-		
Stockholm	29.91	37	SW	4	o	29.71	- .21	32	36	+ 1	W	2	c	*	39	34	-		
Wisby	29.99	38	WSW	4	b	29.87	- .15	32	36	0	W	4	o	*	41	32	-		
Bodö	29.35	31	W	8	o	29.21	- .04	32	30	- 3	E	2	o	1	36	30	-		
Christiansund	29.59	45	W	9	b	29.56	- .17	32	36	- 2	WNW	9	r	8	45	30	0.59		
† Skudesnaes	30.07	43	W	6	o	30.05	- .07	43	41	+ 1	WNW	6	o	4	43	?	-		
Oxö (Xinnund)	30.12	44	WSW	4	o	29.99	- .16	41	40	0	WSW	4	o	2	41	39	-		
Skagen (The Skaw)	30.15	41	WSW	5	o	30.02	- .15	41	40	0	WSW	5	o	4	41	36	-		
Fanö	30.09	44	W	4	o	30.28	- .08	40	39	- 1	W	3	o	*	41	39	-		
Cuxhaven																			
† Sunburgh Head	29.92	44	SSW	4	b	30.09	+ .16	42	40	- 3	NW	3	b	4	48	41	-		
† Stornoway																			
Wick	29.93	46	W	2	b	30.23	+ .21	36	35	- 7	NW	1	b	3	46	34	-		
Nairn	29.96	45	W	4	b	30.23	+ .17	32	35	- 7	W	0	b	1	46	38	-		
† Aberdeen	30.07	40	S	3	b	30.25	+ .13	35	34	- 3	SW	1	b	1	43	34	-		
Leith	30.15	45	W	1	b	30.25	+ .04	44	42	- 1	W	1	c	*	46	40	-		
† Shields	30.25	40	SW	2	b	30.27	- .02	42	42	+ 1	W	2	c	2	44	35	-		
Spurn Head	30.31	42	SSW	3	c	30.28	- .09	29	38	- 1	WSW	1	c	0	44	38	-		
York	30.31	41	SSW	1	o	30.34	- .02	38	37	- 3	WSW	1	c	*	44	36	-		
Nottingham	30.34	42	WSW	1	c	30.30	- .09	39	38	- 3	WSW	1	o	*	44	38	-		
† Ardrossan	30.18	46	SW	2	c	30.28	+ .04	43	42	- 2	Z	0	of	0	49	42	-		
† Mallaghmore	30.13	47	SW	6	ogm	30.26	+ .10	46	46	+ 1	ESE	1	ogm	3	49	44	0.04		
Donaghadee	30.22	42	SSW	2	o	30.28	+ .08	43	43	0	WSW	2	o	0	45	40	0.04		
Parsonstown	30.25	40	ENE	1	c	30.32	+ .06	37	36	- 6	Z	0	o	*	47	35	-		
Barrow-in-Furness	30.24	42	SE	3	o	30.28	- .07	42	41	+ 1	SW	3	o	3	44	40	-		
† Holyhead	30.28	46	SSW	3	m	30.28	- .03	45	45	0	WNW	1	fg	1	46	43	-		
Liverpool (Biston)	30.30	42	SE	1	o	30.30	- .05	42	41	+ 1	SE	1	o	1	44	40	-		
† Valentia	30.23	49	SSE	4	o	30.20	+ .09	42	41	- 7	NE	1	b	1	51	40	-		
Roche's Point	30.26	47	SSW	4	b	30.30	+ .04	41	41	- 6	N	3	f	4	50	40	-		
Pembroke	30.27	47	SSE	2	o	30.28	- .02	43	43	- 3	ENE	1	cm	2	48	42	-		
† Scilly	30.28	46	SE	4	b	30.28	- .01	45	41	- 5	E	5	o	5	50	41	0.01		
Prawle Point	30.30	42	E	3	b	30.27	- .07	40	38	- 5	NE	4	o	4	46	38	-		
Hurst Castle	30.34	41	ENE	1	b	30.29	- .09	33	33	- 11	ENE	2	cm	2	45	39	-		
† Dover	30.33	40	NE	2	b	30.25	- .16	41	37	0	NE	4	b	2	42	38	-		
† London	30.35	40	SSE	1	cm	30.28	- .12	29	37	- 3	NE	2	bm	*	45	37	-		
Oxford	30.35	40	ENE	1	o	30.30	- .09	38	37	- 4	NE	1	cm	*	43	38	-		
Cambridge	30.35	41	Z	0	o	30.29	- .12	38	38	- 2	NW	1	o	*	42	37	-		
† Yarmouth	30.35	42	Z	0	mg	30.29	- .11	40	39	- 1	Z	0	fg	1	42	39	-		
The Helder	30.37	40	SSW	4	o	30.29	- .12	39	37	- 1	SSE	1	o	1	41	39	-		
Cape Gris Nez																			
† Jersey	30.34	35	ENE	2	bm	30.28	- .16	41	38	- 5	ENE	3	b	3	42	39	-		
Brest	30.30	33	NE	4	b	30.23	- .10	39	31	- 5	NE	3	b	4	46	32	-		
Lorient	30.25	36	E	4	b	30.16	- .13	32	30	+ 1	E	4	b	2	45	28	-		
† Rochefort	30.20	32	ENE	7	b	30.13	- .14	28	28	- 3	ENE	5	o	5	41	28	-		
Biarritz	30.16	34	SSE	4	b	30.03	- .19	27	35	+ 7	S	2	o	4	41	27	-		
Corunna	*	*	*	*	*										*	*	*		
Brussels	*	*	*	*	*	30.24	- .19	27	26	- 2	NE	3	b	*	35	26	-		
Charleville																			
Paris	30.31	29	Z	1	o	30.20	- .21	27	27	- 2	N	3	o	*	*	*	-		
Lyons	30.23	26	N	1	o	30.11	- .17	27	25	+ 3	NE	1	m	*	34	?	-		
Toulon	30.03	42	E	11	r	29.91	- .12	45	44	- 2	ENE	3	o	7	?	41	0.98		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.00	37	W	4	o	29.02	- .02	39	39	+ 3	SW	3	f	*	39	35	-		

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.13	42	44	SSW	4	0	5	Valentia ...	30.19	51	47	SSE	5	c	5
Sunburgh Head	29.98	45	44	WSW	4	0	5	Scilly ...	30.29	48	46	S	4	o	5
Stornoway ...	29.87	46	46	SW	8	0	7	Dover ..	30.34	41	37	E	2	b	1
Aberdeen ..	30.07	41	40	S	1	c	1	London ...	30.35	45	42	Z	0	cm	*
Shields ...	30.26	43	41	WSW	1	0	2	Yarmouth ...	30.37	42	41	Z	0	mg	1
Ardrossan ...	30.18	45	44	SW	3	0	3	Jersey ...	30.34	40	35	NE	1	b	1
Mallaghmore ...	30.11	48	45	SW	6	cg	5	Rochefort ...	30.20	38	36	NE	5	b	2
Holyhead ...	30.29	45	43	SSW	3	mg	2								

Precipitation is going away slowly everywhere, but there has been no change of importance since the morning in either winds or weather over Western Europe.

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. mist; (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).

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Kainfall.

trial* Donofobi. Loh. 22. Bedford 3. Stone Green

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 5TH JANUARY.

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.

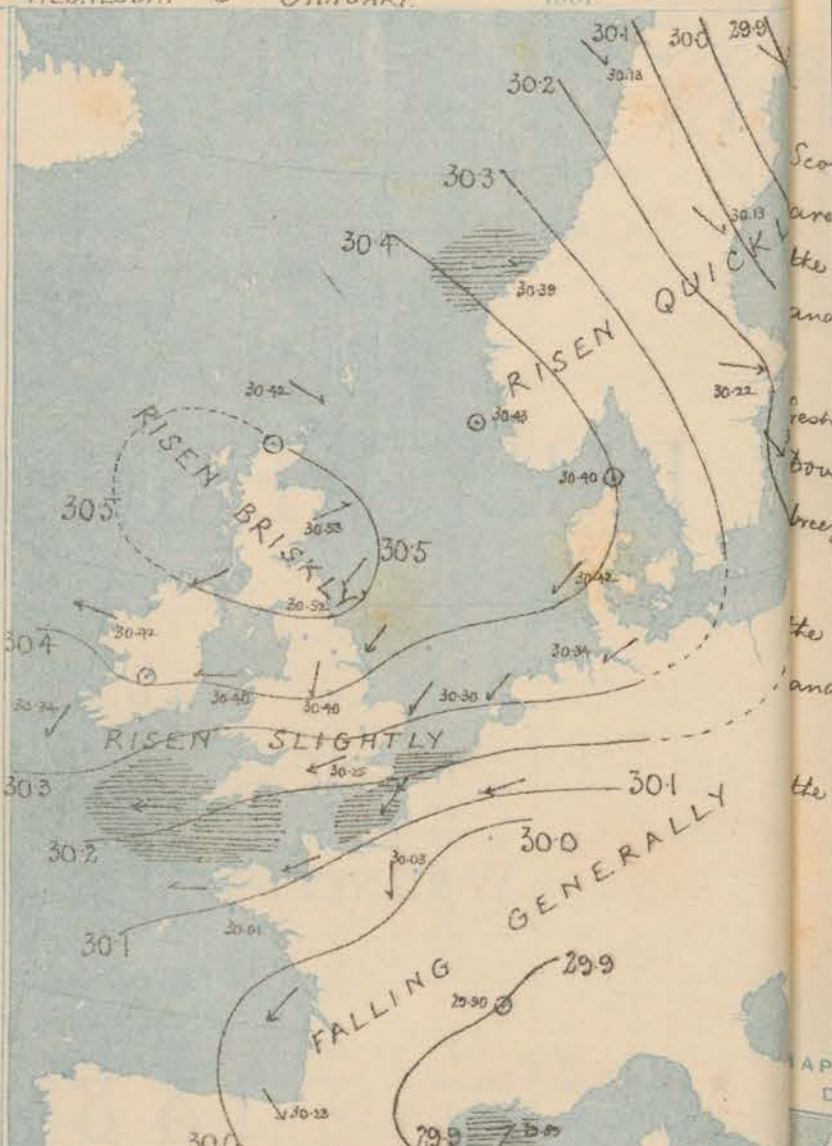
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10
→ forces 5 to 7; → forces 1 to 4;
○ = dead calm.

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

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

Stations.	Mean Readings.
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greenacastle	29.651
Holyhead	29.730
Valentia	29.721
Roche's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

* 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.

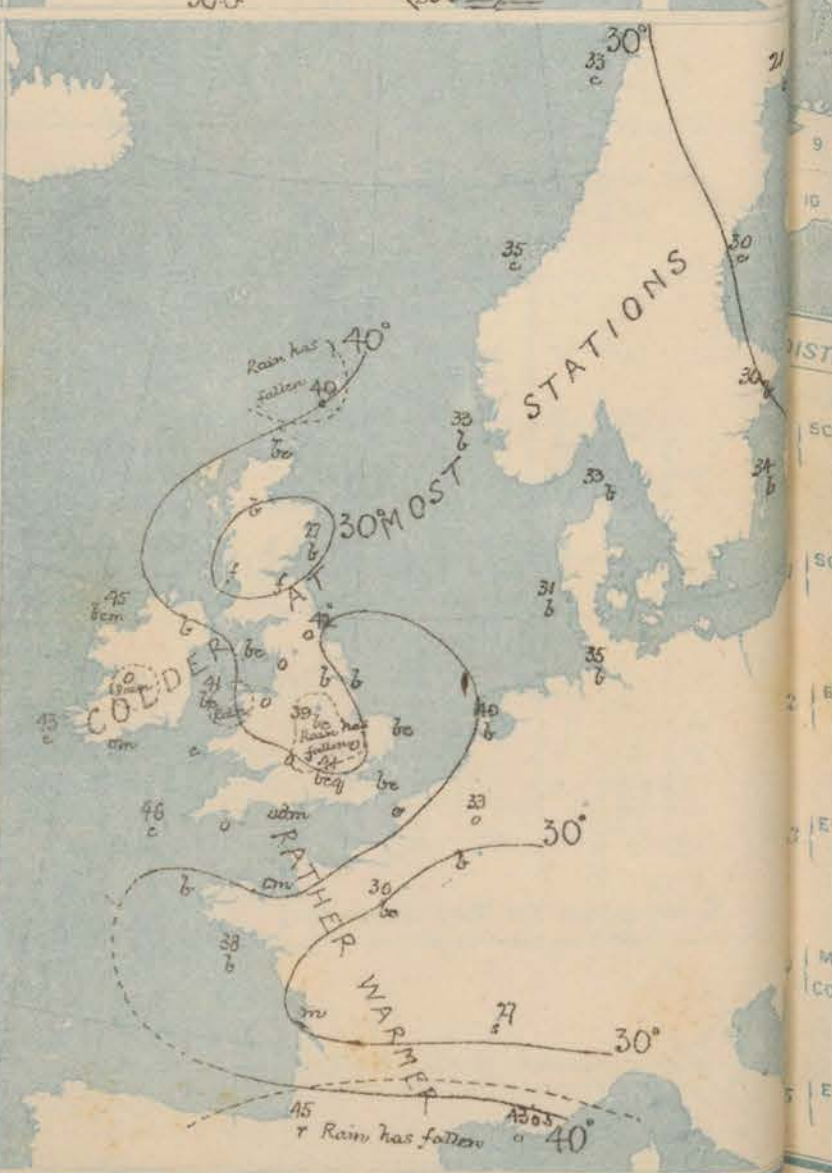
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 January.

Stations	Temp.	Rain-fall
Sundergh Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mallaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	1.70
Sally (St Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.86
LONDON	38.8	2.63
Yarmouth	37.3	2.64

* 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 5TH JAN 1881 at 8 a.m.

Barometric Pressure has now become highest (rather above 30.5 ins.) over Scotland, while it is lowest over the southern half of France; the intervening gradients are, on the whole, moderate, but the appearance of some secondary depressions over the north east of France has made them rather steep over our south eastern counties and the Straits of Dover.

The Wind has now become NE^{ly} all over England and Ireland, and blows very fresh over our southern and eastern counties, and a moderate gale in the Straits of Dover. In Scotland calms prevail, while in the west of Norway there is a moderate breeze from the W^{ind}.

Temperature has again decreased over our Islands, and a sharp frost prevails at the Scotch stations. The present readings vary from 27° at Aberdeen to between 42° and 44° along the south coast of England and to 46° at Scilly.

The sky is now clear in the north, but with local fogs; cloudy elsewhere, and the weather is squally in the south east.

The sea is rather rough in the Channel, moderate or slight elsewhere.

FORECASTS

For the 24 hours ending at Noon
on the

6TH JANUARY.

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



DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Calms and NW ^{ly} aits; fair, cold.	6 SCOTLAND WEST	NE ^{ly} breezes, light to moderate; fair, cold.
2 SCOTLAND EAST	N ^{ly} aits or light breezes; fine, cold, local fogs.	7 ENGLAND N.W. 8° 8° 8°
3 ENGLAND N.E.	NE ^{ly} winds, moderate to fresh; cold, possibly slight snow showers.	8 ENGLAND S.W.	NE ^{ly} to E ^{ly} breezes, strong, squally, some cold showers.
4 ENGLAND EAST	NE ^{ly} winds, strong to a gale; slight snow showers, squally.	9 IRELAND NORTH	Same as No 6 and 7.
5 MIDLAND COUNTIES	Same as No 2.	10 IRELAND SOUTH	NE ^{ly} winds, fresh; fair, cold.
ENGLAND SOUTH	Same as No 3.	WARNINGS	{ The North Lane has been hoisted in Districts 3 and 5.

METEOROLOGICAL OBSERVATIONS FOR 5TH JANUARY 1881.

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.				
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.				
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.					
Haparanda	29.52	13	NW	2	6	29.89	+ .58	21	19	+ 6	NNW	2	0	*	21	5	—				
Hernösund	29.78	32	NNW	8	6	30.13	+ .77	30	26	— 3	NW	4	0	*	41	27	—				
Stockholm	29.89	33	NNW	8	6	30.22	+ .51	30	27	— 8	NNW	6	0	*	41	?	—				
Wisby	29.86	39	NNW	6	6	30.15	+ .28	34	31	— 4	NNW	6	0	*	39	32	—				
Bodö	29.67	33	N	4	0	30.13	+ .92	33	30	+ 1	NW	4	0	3	34	28	—				
Christiansund	30.17	36	NNW	6	0	30.39	+ .83	35	34	— 3	N	2	0	5	2	25	—				
Skudesnaes	30.57	37	NNW	2	0	30.43	+ .28	33	32	— 10	Z	0	0	2	43	?	—				
Öxö (Ålansund)	30.16	39	N	4	6	30.42	+ .43	29	27	— 12	NNW	2	0	2	43	27	—				
Skagen (The Skaw)	30.15	40	NNW	3	6	30.40	+ .38	33	31	— 8	Z	0	0	3	43	30	—				
Faenø	30.25	37	NNW	4	6	30.42	+ .14	31	30	— 9	NE	2	0	*	41	30	—				
Cuxhaven	30.24	40	WSW	1	6	30.34	+ .05	35	25	— 4	ESE	2	0	*	?	34	—				
†Sumburgh Head	30.23	42	NNW	3	6	30.42	+ .33	40	39	— 2	NNW	1	0	3	45	36	0.03				
†Stornoway																					
Wick	30.33	36	NW	1	6	30.50	+ .27	33	33	— 3	N	1	0	2	44	32	—				
Nairn	30.37	34	Z	0	6	30.51	+ .28	30	28	— 8	Z	0	0	2	40	29	—				
†Aberdeen	30.37	35	Z	0	6	30.53	+ .28	27	28	— 8	WSW	1	0	1	41	26	—				
Leith	30.37	43	NW	1	6	30.52	+ .27	28	28	— 16	Z	0	0	*	46	27	0.01				
†Shields	30.37	43	NNE	2	0	30.52	+ .25	42	40	0	NE	1	0	2	44	37	—				
Spurn Head	30.29	43	NNE	3	0	30.44	+ .13	41	40	+ 2	NE	5	0	4	44	38	—				
York	30.32	43	SW	1	0	30.46	+ .12	32	32	— 6	N	1	0	*	44	30	—				
Nottingham	30.32	43	NW	2	0	30.40	+ .10	39	37	0	NNE	2	0	*	44	33	0.04				
†Ardrossan	30.35	37	Z	0	6	30.51	+ .25	29	29	— 14	NE	2	0	1	50	29	—				
†Mallaghmore	30.33	45	ESE	4	6	30.42	+ .16	41	40	— 5	ESE	5	0	4	46	39	—				
Donaghadee	30.26	46	NE	2	6	30.47	+ .19	41	40	— 2	NE	5	0	3	47	40	—				
Parsonstown	30.35	44	Z	0	0	30.41	+ .09	40	40	+ 3	NNE	1	0	*	45	36	0.07				
Barrow-in-Farress	30.35	43	NW	1	0	30.45	+ .17	38	36	— 4	NE	3	0	2	44	36	—				
†Holyhead	30.31	46	NNW	2	6	30.40	+ .12	41	37	— 4	E	3	0	2	47	39	0.03				
Liverpool (Barston)	30.32	41	NNE	1	6	30.43	+ .13	39	37	— 3	NE	1	0	1	45	37	—				
†Valentia	30.32	41	Z	0	6	30.34	+ .04	43	41	+ 1	NE	4	0	4	53	35	—				
Roche's Point	30.31	42	NNW	4	6	30.35	+ .05	44	42	+ 3	ESE	4	0	4	46	40	—				
Pembroke	30.46	44	NNE	2	6	30.45	+ .00	42	41	— 1	ESE	5	0	3	47	41	—				
†Scilly	30.24	49	ESE	5	0	30.23	— .05	46	43	+ 1	E	6	0	5	46	43	0.01				
Prawle Point	30.23	42	ESE	4	0	30.19	— .08	43	43	+ 3	NE	5	0	5	44	39	—				
Hurst Castle	30.25	41	ESE	4	0	30.21	— .08	43	42	+ 9	ESE	5	0	3	43	33	—				
†Dover	30.22	43	ESE	5	6	30.21	— .04	44	40	+ 3	ESE	7	0	5	45	40	—				
†London	30.25	42	NE	3	0	30.25	— .03	41	40	+ 2	ESE	5	0	*	43	38	—				
Oxford	30.29	40	NNE	1	6	30.30	+ .00	40	38	+ 2	NNE	3	0	*	42	38	0.03				
Cambridge	30.25	39	NW	1	0	30.28	— .01	39	38	+ 1	NE	1	0	*	41	36	0.01				
†Yarmouth	30.26	41	NNW	2	6	30.32	+ .03	41	38	+ 1	NE	5	0	4	42	39	—				
The Helder	30.25	41	NNE	1	0	30.30	+ .01	40	38	+ 1	NE	2	0	2	?	?	—				
Cape Gris Nez	?	41	ESE	5	6	30.11	— .11	41	37	—	NE	8	0	5	?	30	—				
†Jersey	30.21	41	E	3	6	30.12	— .11	42	41	+ 2	ESE	5	0	4	44	38	—				
Brest	30.18	39	E	3	6	30.13	— .10	38	36	+ 5	E	3	0	2	43	32	—				
Lorient	30.11	37	ESE	7	6	30.01	— .15	38	36	+ 6	NE	7	0	3	41	30	—				
†Rochefort	30.02	30	ESE	5	6	29.95	— .18	30	30	+ 2	NE	7	0	2	36	25	—				
Biarritz	30.02	40	ESE	4	6	29.91	— .12	45	42	+ 8	NNW	7	0	3	45	34	0.35				
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
Brussels	*	*	*	*	*	30.16	?	33	32	+ 6	ESE	5	0	*	34	?	—				
Charleville	?	?	?	?	?	29.97	*	30	29	*	E	5	0	*	50	16	—				
Paris	30.13	32	?	1	6	30.03	— .17	30	29	+ 3	N	5	0	*	*	*	—				
Lyons	30.07	26	WSW	1	0	29.90	— .21	27	?	0	SW	1	0	*	28	?	—				
Toulon	29.88	46	E	8	6	29.89	— .01	43	41	— 2	SW	4	0	5	46	41	0.47				
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																					
Hawes Junction	29.97	30	ESE	3	0	29.17	+ .15	37	36	— 2	NE	4	0	*	40	36	—				

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.													
Stations.	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	Stations.	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	30.17	46	57	NNW	4	6	Valentia	30.29	51	47	NE	1	6m
Sumburgh Head	30.19	44	42	N	3	6	Scilly	30.26	49	44	ESE	4	0
Stornoway							Dover	30.21	43	41	ESE	4	2
Aberdeen	30.32	38	37	NNW	1	6	London	30.23	43	41	NE	1	0gm
Shields	30.31	44	42	NNE	2	0	Yarmouth	30.25	42	40	NNW	1	gm
Ardrossan	30.32	45	44	Z	0	0	Jersey	30.20	39	39	E	3	6
Mullaghmore	30.30	44	45	ESE	1	0m	Rochefort	30.08	30	28	NE	5	0
Holyhead	30.32	47	46	NNW	3	0							

The barometer continues to rise in the N., and to fall slowly in the S. The NE wind is inclined to spread more over the Kingdom, and will probably freshen in the S. tomorrow, with occasional cold showers.

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); 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 existing observations are taken at 8 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark.
 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 The observations at 2 p.m. daily (Sundays excepted).



FOR

1881.

Fred² Jangerfeldt, Linn 22, Dalford, S. Linn. Garden

1887

Explanation of Map.

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

for the month of January.

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

with RAINFALL in PAST 24 HOURS

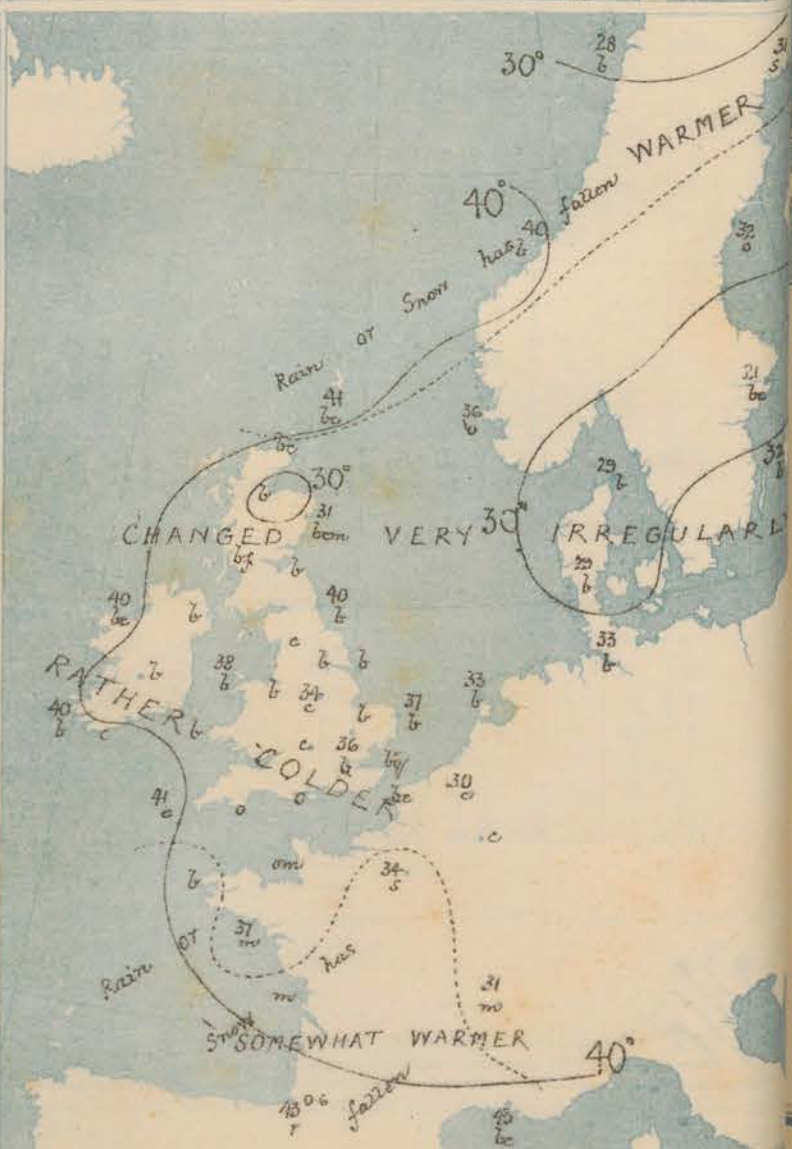
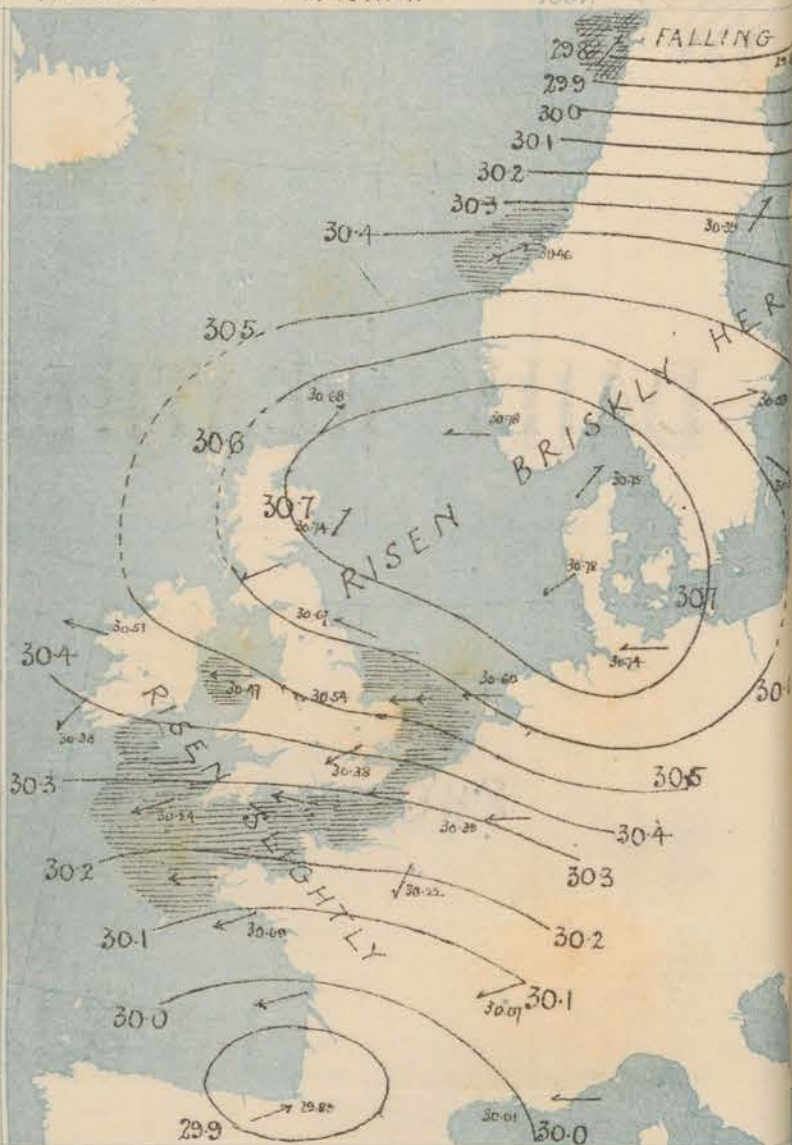
Explanation of Map

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 January.

8 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, 6TH JANUARY 1881 at 8 a.m.

The anticyclone which lay over the northern parts of our Islands and the south of Norway yesterday has now moved in a SE^{ly} direction, and covers the north eastern part of the North Sea; while the depression which lay over France has moved W^{ward} to the southern part of the Bay of Biscay. In the anticyclone pressure has increased to about 30.8 ins., and the gradients for E^{ly} winds over our Islands and France have become steeper.

The E^{ly} wind has consequently increased greatly in force, and blows a moderate gale in the Bay of Biscay as well as in the Channel and a fresh gale on our east coast, while strong breezes are felt in St. George's Channel, but calms and variable airs in Scotland. A stiff E^{ly} gale blew in the south and east last night.

Temperature has again decreased in the west and south, but changed irregularly in the north, and this morning's readings vary from 23° at Harlow to between 34° and 40° at the English and Irish stations. Over France generally it ranges from 30° to 38°, but is about 43° in the extreme south.

Clear dry weather prevails over the United Kingdom generally, but in France the sky is cloudy or hazy. Snow is falling at Paris, rain at Biarritz.

The sea is rough except off the extreme west and north of our Islands.

FORECASTS

for the 24 hours ending at Noon
on the

7TH JANUARY.

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

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

1 SCOTLAND NORTH	St ^{ly} breezes, moderate to fresh; fair.
2 SCOTLAND EAST	SE ^{ly} breezes, moderate at the more northern stations, stronger further south; fair on the whole.
3 ENGLAND N.E.	----- 8° ----- 8° ----- 8° -----
4 ENGLAND EAST	E ^{ly} gales and strong winds fine during day, squally at night, and perhaps cold show.
5 MIDLAND COUNTIES	E ^{ly} breezes, strong; squally, dry.
6 ENGLAND SOUTH	Same as No 3.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SE ^{ly} winds, fresh or strong; fine.
7 ENGLAND N.W.	----- 8° ----- 8° ----- 8° -----
8 ENGLAND S.W.	Same as No 3.
9 IRELAND NORTH	E ^{ly} to SE ^{ly} winds, strong, probably a gale on the east coast, fair generally.
10 IRELAND SOUTH	----- 8° ----- 8° ----- 8° -----

WARNINGS

The North Lane was hoisted last evening in Districts 2 and 8 and is now up in those districts, as well as in 3 and 5.

METEOROLOGICAL OBSERVATIONS FOR 6TH JANUARY. 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	30.24	14	NTN	2	b	29.86	- .03	31	31	+ .10	SW	2	s	*	32	12	0.04		
Hernösand	30.14	22	2	0	b	30.39	+ .26	32	34	+ .2	SW	2	0	*	36	19	-		
Stockholm	30.54	25	NNTN	2	b	30.59	+ .37	21	19	- .9	W	2	bc	*	34	?	-		
Wisby	30.44	33	NNTN	4	b	30.59	+ .44	32	30	- .2	NNN	2	b	*	36	28	-		
Bodö	30.11	37	SW	8	r	29.20	- .33	28	22	- .5	SW	5	b	8	37	?	?		
Christiansund	30.30	37	SW	3	bc	30.46	+ .07	40	37	+ .5	WSW	8	b	5	41	27	0.08		
†Skudesnaes	30.65	24	E	4	b	30.78	+ .35	36	32	+ .3	E	2	0	2	37	?	-		
Oxö (Christiansund)	30.64	28	NNN	2	b	30.73	+ .31	26	24	- .3	WSW	2	b	2	32	?	-		
Skagen (The Skaw)	30.65	32	2	0	b	30.75	+ .35	29	27	- .4	SW	3	b	1	34	25	-		
Fanö	30.65	31	ENE	4	b	30.78	+ .36	29	28	- .2	ENE	2	b	*	36	27	-		
Cuxhaven	30.49	36	ENE	3	b	30.74	+ .40	33	32	- .2	E	3	b	*	36	30	-		
†Sumburgh Head	30.55	37	2	0	b	30.68	+ .26	41	38	+ .1	SW	2	bc	1	44	34	0.01		
†Stornoway																			
Wick	30.59	32	2	0	b	30.71	+ .21	36	35	+ .3	NNE	1	bc	3	39	30	-		
Nairn	30.58	29	2	0	b	30.70	+ .19	23	23	- .7	2	0	b	1	34	23	-		
†Aberdeen	30.60	31	2	0	bc	30.74	+ .21	31	30	+ .4	SW	1	bc	1	35	26	-		
Leith	30.60	30	W	1	f	30.69	+ .17	33	32	+ .5	SE	1	b	*	35	26	0.01		
†Shields	30.55	43	ENE	2	c	30.67	+ .15	40	38	- .2	ESE	4	b	3	44	37	-		
Spurn Head	30.45	41	NE	6	bc	30.55	+ .14	40	38	- .1	ENE	7	b	6	44	38	-		
York	30.49	40	NE	1	b	30.62	+ .16	34	33	+ .2	E	1	b	*	44	38	-		
Nottingham	30.45	40	NNE	5	bc	30.54	+ .14	34	32	- .5	NNE	3	c	*	44	32	-		
†Ardrossan	30.59	35	NE	2	bc	30.64	+ .13	37	36	+ .8	ENE	3	bc	2	42	28	-		
†Mullaghmore	30.48	39	E	5	b	30.51	+ .09	40	39	- .1	ESE	5	bc	4	46	38	-		
Donaghadee	30.55	43	NE	5	b	30.58	+ .11	40	38	- .1	SE	6	b	4	43	38	-		
Parsonstown	30.45	37	ENE	1	b	30.45	+ .04	36	34	- .4	ENE	3	b	*	43	32	-		
Barrow-in-Furness	30.47	40	NE	3	b	30.54	+ .09	30	33	- .2	NE	4	b	2	46	35	-		
†Holyhead	30.44	42	ENE	4	c	30.47	+ .07	38	36	- .3	E	7	b	5	42	36	-		
Liverpool (Bidston)	30.46	39	NE	3	bc	30.51	+ .08	36	33	- .3	ENE	4	b	2	43	35	-		
†Valentia	30.36	43	NE	3	bc	30.38	+ .04	40	36	- .3	NE	1	b	1	48	37	-		
Roche's Point	30.37	40	ENE	5	c	30.37	+ .02	41	38	- .3	E	6	c	5	46	36	-		
Pembroke	30.29	41	NE	5	b	30.33	+ .05	36	35	- .6	ENE	5	b	3	43	36	-		
†Scilly	30.21	45	ENE	6	c	30.24	+ .01	41	40	- .5	ENE	6	0	5	46	40	-		
Prawle Point	30.16	41	ENE	7	bc	30.24	+ .05	38	38	- .5	ENE	7	0	6	44	37	-		
Hurst Castle	30.19	42	ENE	6	b	30.31	+ .10	39	38	- .3	ESE	7	0	5	44	39	-		
†Dover	30.21	43	ENE	6	b	30.37	+ .16	38	35	- .6	E	6	bc	5	44	36	-		
†London	30.25	40	ENE	5	bc	30.38	+ .13	36	34	- .5	ENE	6	b	*	44	36	-		
Oxford	30.24	38	NE	8	c	30.43	+ .13	35	33	- .5	ENE	4	c	*	43	35	-		
Cambridge	30.35	39	NE	2	b	30.46	+ .18	34	30	- .5	NE	1	b	*	44	34	-		
†Yarmouth	30.34	41	ENE	7	b	30.50	+ .18	37	35	- .4	E	8	b	6	42	35	-		
The Helder	30.43	35	ENE	4	bc	30.60	+ .30	33	31	- .7	E	4	b	2	?	32	-		
Cape Gris Nez	30.15	38	ENE	7	bc	30.33	+ .22	33	32	- .8	E	7	bc	5	44	29	-		
†Jersey	30.03	44	ENE	7	cm	30.21	+ .09	38	37	- .5	E	6	cm	5	45	36	0.04		
Brest	30.03	39	E	4	b	30.12	- .01	38	36	0	E	5	b	3	43	32	-		
Lorient	?	43	NE	8	c	30.09	+ .08	37	34	- .1	ENE	7	m	4	43	34	-		
†Rochefort	29.88	40	ENE	7	s	29.99	+ .04	35	33	+ .5	ENE	7	m	2	?	25	0.12		
Biarritz	29.86	46	W	7	r	29.89	- .02	43	41	- .2	WSW	7	r	3	50	36	0.55		
Corunna	*	*	*	*	*			*	*			*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.39	+ .23	30	30	- .3	ENE	5	c	*	37	30	-		
Charleville	30.09	46	E	1	0	30.24	+ .27	35	33	+ .5	E	5	c	*	?	?	-		
Paris	30.05	35	?	4	0	30.22	+ .19	34	33	+ .4	NNE	3	s	*	*	*	0.32		
Lyons	29.95	33	WSW	1	0	30.07	+ .17	31	31	+ .4	ENE	1	m	*	34	?	-		
Toulon	29.93	43	W	3	b	30.01	+ .12	43	41	0	E	1	bc	2	48	41	0.04		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.21	36	ENE	5	b	29.21	+ .04	32	31	- .5	E	4	c	*	38	30	-		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.54	38	35	NE	2	e	2	Valentia ...	30.20	47	44	ENE	3	cm	4
Sumburgh Head	30.53	42	42	WNW	2	bc	2	Scilly ...	30.21	45	43	ENE	6	0	5
Stornoway ...								Dover ..	30.16	43	40	ENE	7	b	5
Aberdeen ...	30.57	33	32	WSW	1	bc	1	London ...	30.26	44	41	ENE	5	bcg	*
Shields ...	30.52	44	42	ENE	1	e	2	Yarmouth ...	30.31	42	40	ENE	6	b	6
Ardrossan ...	30.56	37	26	NE	2	b	1	Jersey ...	30.05	45	44	NE	7	bc	5
Mullaghmore ...	30.47	42	41	E	5	cm	3	Rochefort ...	29.89	32	31	NNE	5	m	2
Holyhead ...	30.43	42	41	ENE	4	b	3								

Hardly any change has occurred since the morning, beyond the clearing of the sky over SE. counties.

EXPLANATION OF COLUMNS.

WEATHER—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

FRIDAY, 7TH JANUARY.

1881.

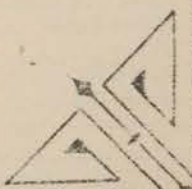

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ROBERT H. SCOTT

(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on FRIDAY 7th JANUARY

BAROMETER, WIND & SEA

Explanation of Map

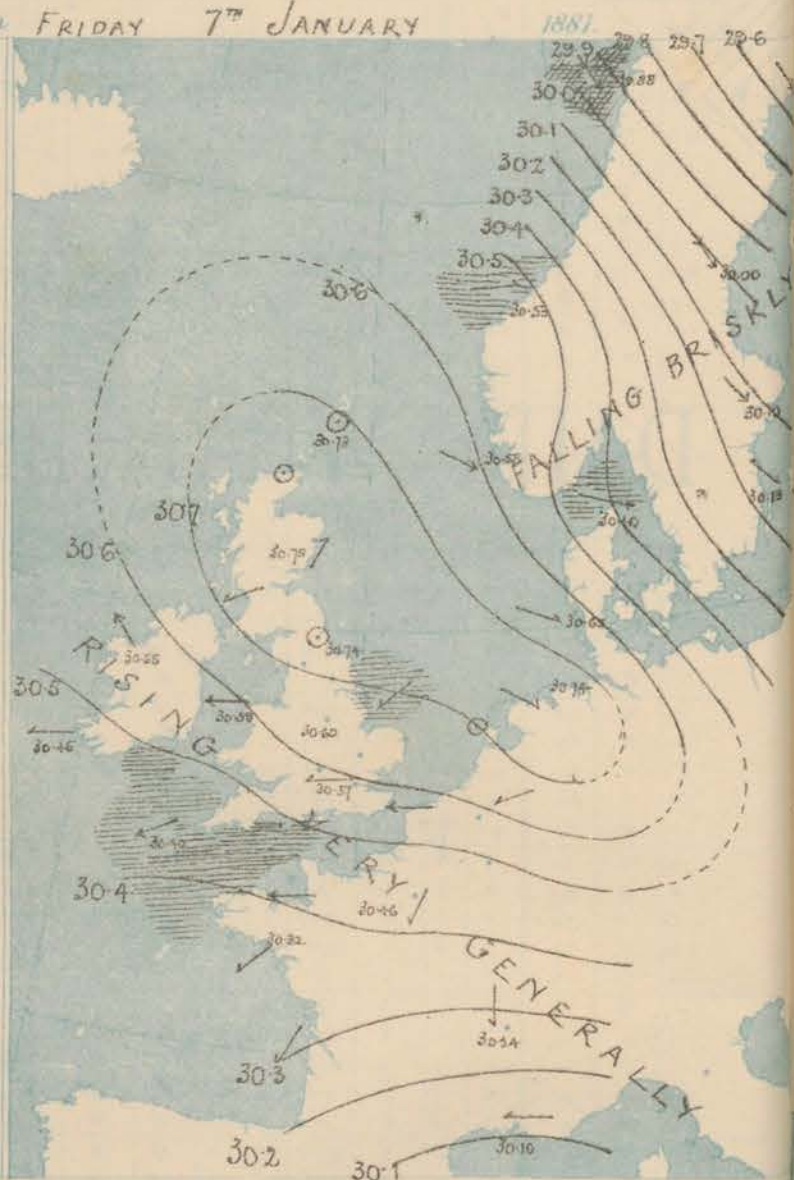
Barometer. Isothers are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ force above 10; →→ force 8 to 10; →→→ force 5 to 7; →→→→ 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 January.

Stations.	Mean Readings In.
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greenacastle	29.651
Holyhead	29.730
Valentia	29.721
Roches Pt.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

* 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

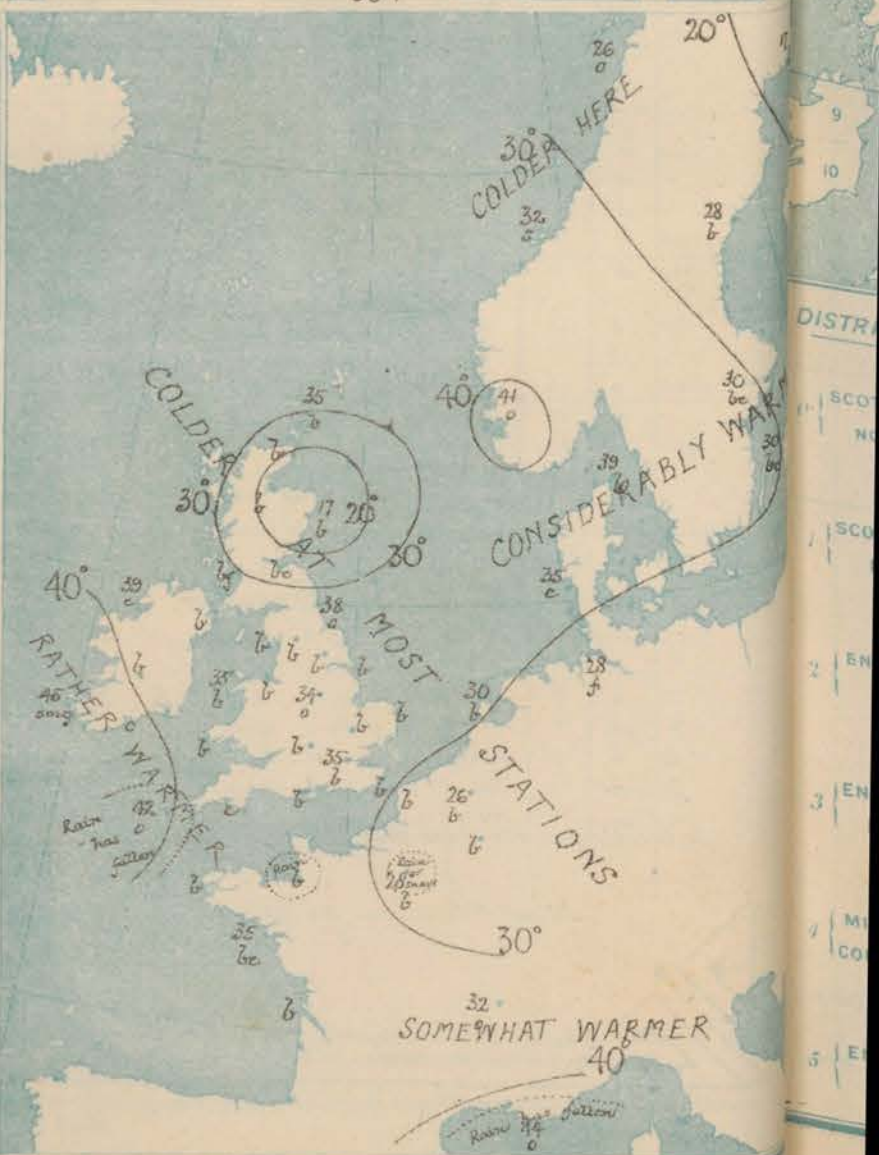
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls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

MEANS* OF TEMPERATURE AND RAINFALL

for the month of January.

Stations	Temp.	Rain-fall In.
Sandburgh Head	39.0	3.00
Sornoway	39.3	5.73
Aberdeen	37.0	2.76
Shetlands	37.5	1.98
York	37.7	1.69
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dever	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

* 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, 7TH JANUARY 1881 at 8 a.m.

A large depression is shown this morning over the north of Scandinavia, and the mercury has fallen quickly on the eastern shores of the North Sea, and the change has extended though in a less degree to some of the Scotch stations.

Elsewhere the mercury is rising, and the anticyclone which yesterday lay over the North Sea is now shown over Scotland. Within this area of high pressure light variable airs are reported, while over Norway and Denmark moderate to strong NW and W winds are felt, and over France, England and Ireland fresh to strong E and SE winds.

The weather is dull, with some snow, over Norway, and dull and misty on our south-west coasts, but in nearly all other places fine bright weather prevails.

The only rain which has fallen within our area has been a slight shower at the entrance to the Channel. Temperature has fallen fast in Scotland, and a few degrees in all places except the south of Ireland and over Norway and Denmark; readings range from 45° at Valentia to 17° at Aberdeen.

Sharp frost prevailed in north Scotland last night, and slight frost in the south east of England. The sea is rough in the south.

FORECASTS

for the 24 hours ending at Noon
on the

8TH JANUARY.

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

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Very light airs; cold, fine, frosty weather.
2 SCOTLAND EAST	8° — 8° — 8°
3 ENGLAND NE	Calms and E ^{ly} breezes; cloudy, cold.
4 ENGLAND EAST	Light or moderate E ^{ly} winds, fine, cold weather.
5 MIDLAND COUNTIES	8° — 8° — 8°
6 ENGLAND SOUTH	8° — 8° — 8°

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SE ^{ly} breezes, moderate; fair, frosty.
7 ENGLAND N.W.	E ^{ly} and ESE ^{ly} breezes, moderate; fair, cold.
8 ENGLAND S.W.	ENE ^{ly} winds, strong; dull.
9 IRELAND NORTH	Same as No. 7.
10 IRELAND SOUTH	E ^{ly} winds, moderate and fresh; dull, misty.
WARNINGS	
The North Cone has been lowered in the Channel this morning.	

METEOROLOGICAL OBSERVATIONS FOR 7th JANUARY 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. (40 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.48	31	NW	8	b	29.55	-.31	17	17	-.14	NW	6	b	*	39	16	-		
Hernösand	29.94	144	WSW	6	o	30.00	-.39	28	24	-.4	NW	9	b	*	45	18	-		
Stockholm	30.20	30	W	4	b	30.10	-.49	30	30	+	9	NW	6	b	*	30	19	-	
Wisby	30.26	34	W	4	b	30.13	-.46	36	33	+	4	NW	4	b	*	36	25	-	
Bodö	29.24	26	NW	9	s	29.88	+.08	26	24	-.2	NW	8	o	7	41	19	-		
Christiansund	30.41	43	WSW	9	r	30.53	+.07	32	30	-.8	W	4	s	5	43	23	-		
†Skudesnaes	30.75	35	Z	0	r	30.58	-.20	41	40	+.5	WNW	6	o	4	?	?	-		
Oxö (Xtiansund)	30.63	35	WSW	4	b	30.46	-.27	39	37	+.13	W	6	e	3	?	?	-		
Skagen (The Skaw)	30.55	37	WNW	7	b	30.40	-.35	39	37	+.10	WNW	6	b	5	?	25	-		
Fanö	30.80	29	W	2	b	30.65	-.13	35	33	+.6	WNW	4	c	*	?	27	-		
Cuxhaven	30.82	35	ESE	2	b	30.74	.00	28	28	-.5	WNW	1	f	*	?	27	-		
†Sumburgh Head	30.73	38	W	2	b	30.75	+.05	35	34	-.6	Z	0	b	0	44	33	-		
†Stornoway																			
Wick	30.75	35	Z	0	b	30.76	+.05	20	20	-.16	NW	1	b	3	39	19	-		
Nairn	30.74	23	Z	0	b	30.72	+.02	19	18	-.4	Z	0	b	1	29	19	-		
†Aberdeen	30.79	32	S	1	b _m	30.75	+.01	7	16	-.14	SW	1	b	1	36	16	-		
Leith	30.76	34	SE	1	b	30.76	+.07	29	27	-.4	S	1	b	*	40	27	-		
†Shields	30.76	40	E	3	c	30.74	+.07	38	37	-.2	Z	0	o	3	43	37	-		
Spurn Head	30.65	39	ENE	7	b	30.68	+.13	38	37	-.2	ENE	5	b	5	42	37	-		
York	30.70	36	E	1	b	30.72	+.10	28	28	-.6	N	1	b	*	42	28	-		
Nottingham	30.63	34	NE	6	b	30.69	+.15	34	33	-.1	NE	5	o	*	41	31	-		
†Ardrossan	30.71	35	ENE	3	b	30.72	+.08	33	32	-.4	ENE	2	b	1	40	32	-		
†Mullaghmore	30.54	39	ENE	5	b	30.55	+.04	39	37	-.1	SE	5	c	4	41	36	-		
Donaghadee	30.63	41	ESE	7	b	30.65	+.07	40	39	-.1	SE	4	b	*	43	39	-		
Parsonstown	30.45	37	ENE	3	b	30.58	+.13	33	31	-.3	SE	1	b	*	42	32	-		
Barrow-in-Furness	30.61	37	NE	5	b	30.60	+.12	34	31	-.2	NE	4	b	?	?	?	-		
†Holyhead	30.52	39	E	6	b	30.59	+.12	35	33	-.3	E	5	b	4	40	33	-		
Liverpool (Bidston)	30.58	38	ENE	5	b	30.65	+.14	32	30	-.4	E	2	b	1	41	32	-		
†Valentia	30.38	40	E	5	om	30.45	+.07	45	43	+.2	E	4	om	4	45	38	-		
Roche's Point	30.42	40	ESE	6	c	30.49	+.12	43	41	+.2	ESE	6	o	5	45	40	-		
Pembroke	30.41	38	ENE	3	c	30.50	+.17	37	31	-.4	ENE	4	b	2	39	31	-		
†Scilly	30.30	41	ENE	8	op	30.42	+.18	42	44	+.1	ENE	6	o	6	42	39	0.06		
Prawle Point	30.34	41	FNE	7	o	30.44	+.20	38	38	0	ENE	6	c	5	42	37	-		
Hurst Castle	30.40	39	ESE	7	c	30.52	+.21	37	35	-.2	ESE	5	b	5	42	37	-		
†Dover	30.49	40	E	6	b	30.57	+.20	40	36	+.4	E	4	b	3	40	37	-		
†London	30.50	37	E	5	b	30.57	+.19	35	33	-.2	E	3	b	*	42	34	-		
Oxford	30.55	34	NE	3	b	30.62	+.19	29	29	-.6	NNE	2	b	4	42	29	-		
Cambridge	30.54	35	ENE	2	b	30.63	+.17	28	27	-.6	NE	1	b	*	41	27	-		
†Yarmouth	30.58	38	E	8	b	30.65	+.15	37	36	-.1	E	3	b	4	39	36	-		
The Helder	30.70	32	E	3	b	30.68	+.08	30	29	-.1	E	1	b	2	37	?	-		
Cape Gris Nez	30.42	?	E	8	b	30.51	+.18	28	28	-.5	E	5	b	4	36	28	-		
†Jersey	30.24	36	ENE	4	om	30.45	+.24	33	30	-.5	E	5	b _m	4	39	32	0.01		
Brest	30.31	39	E	4	o	30.39	+.27	33	32	-.5	E	1	b	5	41	?	-		
Lorient	30.24	39	ENE	5	o	30.32	+.23	35	32	-.2	ENE	4	b	*	41	32	-		
†Rochefort	30.19	35	ENE	7	mv	30.32	+.33	34	33	-.1	NE	5	b	2	41	30	-		
Biarritz																			
Corunna	*	*	*	*	*			*						*	*	*			
Brussels	*	*	*	*	*	30.59	+.20	26	26	-.4	ENE	4	b	*	36	26	-		
Charleville	?	?	?	?	?	30.45	+.21	32	31	-.3	S	1	b	*	?	?	-		
Paris	30.31	37	?	5	c	30.46	+.24	28	27	-.6	NE	4	b	*	*	*	0.12		
Lyons	30.19	32	E	1	f	30.24	+.17	32	32	+.1	N	1	o	*	35	31	-		
Toulon	30.09	45	SW	1	b	30.10	+.09	44	37	+.7	E	4	o	2	48	41	0.08		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.39	32	ENE	5	b	29.41	+.20	27	26	-.5	E	4	b	*	35	24	-		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	30.50	36	33	E	4	o	2	Valentia ...	30.37	43	39	E	5	b _m 5
Sumburgh Head	30.72	41	39	SW	3	b _a	2	Scilly ...	30.27	41	41	ENE	6	o 4
Stornoway ...								Dover ..	30.42	40	37	ENE	6	b _g 5
Aberdeen ...	30.77	34	33	SW	1	o	1	London ...	30.43	42	38	E	6	b _g *
Shields ...	30.72	42	40	E	3	c	3	Yarmouth ...	30.54	39	37	E	8	b 6
Ardrossan ...	30.68	38	37	ENE	3	b	2	Jersey ...	30.30	37	36	ENE	5	o 4
Mullaghmore ...	30.49	41	39	E	6	b _m	5	Rochefort ...	30.07	39	36	E	4	b 2
Holyhead ...	30.49	40	37	E	7	b	6							

Clear bright weather prevails in nearly all parts of the country with strong E^l winds over Ireland and England and light S^l breezes in Scotland. Pressure still increases except in N. Ireland, where the mercury has fallen slightly.

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, 8TH JANUARY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a m on SATURDAY 8TH JANUARY. 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:
→ force above 10; → force 8 to 10
→ force 5 to 7; → force 1 to 4.

☉, dead calm.

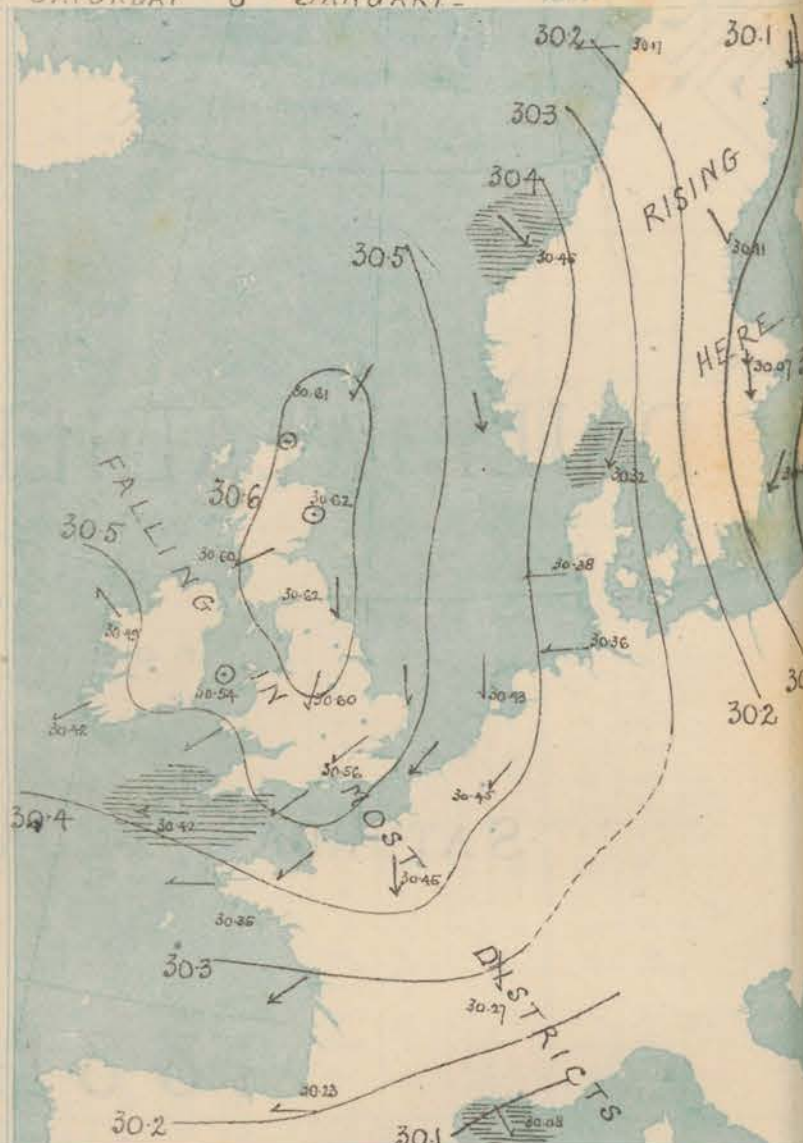
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of January.

Stations	Mean Readings
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Adrianston	29.678
Greenacastle	29.651
Holyhead	29.730
Valentia	29.721
Roches Pt.	29.765
Plymouth	29.866
LONDON	29.869
Vermouth	29.847

* 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.

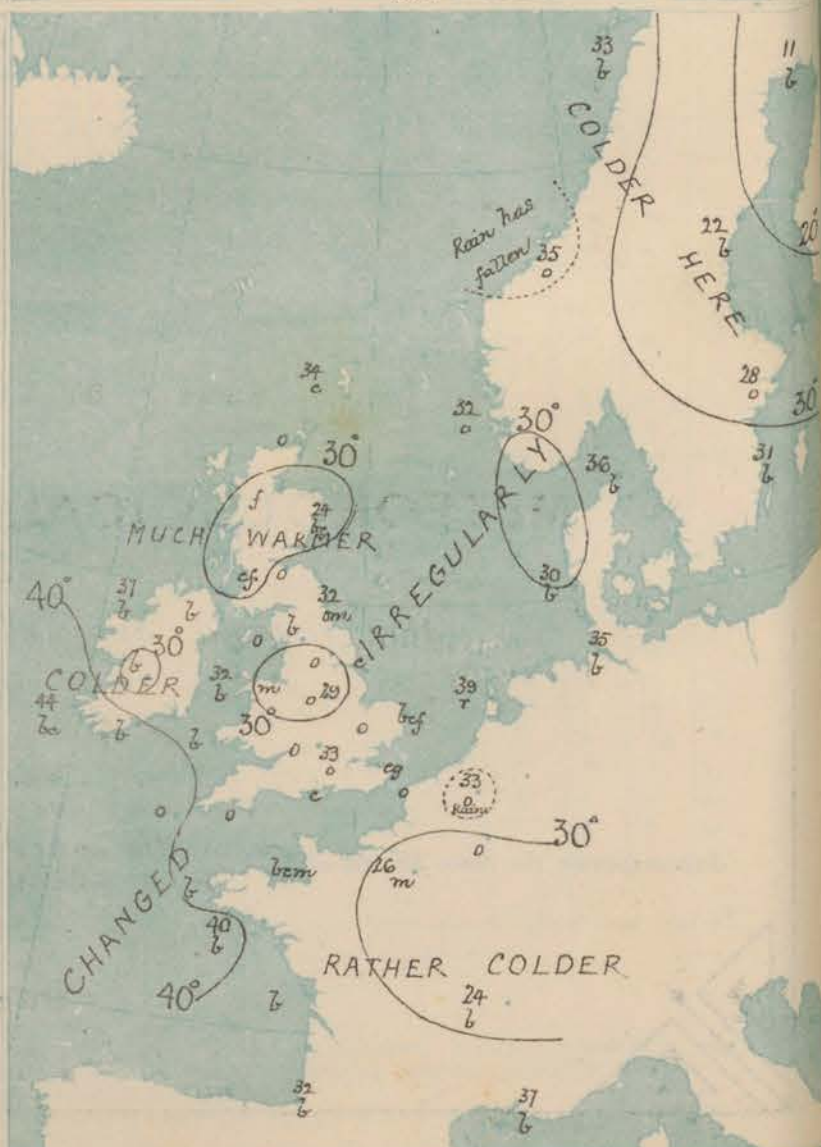
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL,

for the month of January.

Stations	Temp	Rain-fall
Sandburgh Head	39.0	3.00
Shermaw	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.3	?
Holyhead	41.3	4.27
Piercestown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.23
Ilurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Vermouth	37.3	2.64

* The mean Temperatures are those for the 15 years 1872-86; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SATURDAY, 8TH JAN^Y 1881. at 8 a.m.

The area of high pressure which has been lying over the northern parts of our Islands or the North Sea during the past few days seems inclined to disperse very gradually, the barometer having begun to fall in all districts, and the isobars exhibit considerable irregularity. Readings are, however, still highest over our northern districts, and, while moderate gradients for N^W winds prevail over the North Sea, slight and irregular gradients for SE^W winds are found over our western districts.

Light N^W breezes are consequently felt at our eastern des this morning, moderate E^W winds in the south, and E^W to SE^W breezes in the west, while in Scotland and the extreme north of England calms are reported. To the E^W of the North Sea the winds are N^W, but much stronger in force than in our Islands.

Temperature has risen considerably in Scotland, fallen in Ireland and changed irregularly over England. Frost still prevails in the northern and central parts of Br. Britain and over Central France, and has now set in over the inland parts of Ireland also.

The sky remains clear in many places, but has become somewhat gloomily overcast, with loose cloud, in the southern and central districts, and foggy at some of the Scotch stations.

The sea is generally moderate on our southern coasts, smooth elsewhere.

FORECASTS

for the 24 hours ending at Noon
on the

9TH JANUARY.

ISSUED AT 11 a.m. on previous day

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Very light winds; weather inclined to become unsettled.
2 SCOTLAND EAST	2 nd 2 nd 2 nd
3 ENGLAND N.E.	N ^W breezes, light; unsettled, perhaps some snow.
4 ENGLAND EAST	2 nd 2 nd 2 nd
5 MIDLAND COUNTIES	2 nd 2 nd 2 nd
6 ENGLAND SOUTH	NE ^W breezes, moderate to light; unsettled, slight snow at times.

6 SCOTLAND WEST	E ^W to SE ^W winds, light; fine.
7 ENGLAND N.W.	2 nd 2 nd 2 nd
8 ENGLAND S.W.	E ^W winds, fresh to moderate; fair.
9 IRELAND NORTH	Same as N ^o 6 and 7.
10 IRELAND SOUTH	E ^W winds, moderate; fair generally.
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 8TH JANUARY 1881.

	† YESTERDAY EVENING.						8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.68	13	N	4	b	30.10	+ .55	11	11	— 6	N	4	b	*	18	9	—		
Hernösand	29.81	32	NNW	9	o	30.11	+ .11	22	19	— 6	NNW	2	b	*	41	3	—		
Stockholm	30.02	24	NN	6	b	30.07	— .03	28	24	— 2	N	8	o	*	?	?	—		
Wisby	30.05	31	N	6	b	30.08	— .13	31	30	— 5	NNE	6	b	*	27	27	—		
Bodö	29.90	38	SW	4	c	30.17	+ .29	33	31	+ 4	E	2	b	*	?	23	—		
Christiansund	30.52	33	NW	6	o	30.45	— .08	35	34	+ 3	NW	4	o	5	?	21	0.39		
†Skudesnaes	30.53	34	NNW	6	o	30.43	— .15	32	28	— 9	NNW	6	o	4	41	3	—		
Oxö (Xiansund)	30.35	36	NNW	2	b	30.37	— .09	28	26	— 11	NW	2	b	1	43	27	—		
Skagen (The Skaw)	30.32	36	ENE	2	b	30.32	— .08	36	32	— 3	NNE	6	b	6	41	30	—		
Fanö	30.35	36	NW	6	b	30.38	— .27	30	29	— 5	E	2	b	*	39	28	—		
Cuxhaven	30.55	39	NNW	3	b	30.36	— .38	35	34	+ 7	E	3	b	*	?	27	—		
†Sumburgh Head	30.68	40	NE	2	c	30.61	— .12	34	33	— 1	NNE	2	c	*	42	22	—		
†Stornoway																			
Wick	30.73	31	2	0	b	30.61	— .15	33	32	+ 13	2	0	o	2	26	19	—		
Nairn	30.71	19	2	0	b	30.60	— .12	25	23	+ 6	2	0	m	1	25	18	—		
†Aberdeen	30.70	25	N	1	b	30.62	— .13	24	23	+ 7	NSW	1	b	2	28	16	—		
Leith	30.65	35	SW	1	c	30.62	— .44	32	31	+ 3	ENE	2	o	*	40	26	—		
†Shields	30.70	37	2	0	b	30.62	— .12	32	30	— 6	NNW	1	m	0	41	30	—		
Spurn Head	30.67	38	NNE	4	b	30.58	— .10	36	35	— 2	N	3	c	2	42	35	—		
York	30.70	31	NNW	1	b	30.63	— .09	29	29	+ 1	NW	1	o	*	37	26	—		
Nottingham	30.70	35	NNE	2	b	30.60	— .09	29	28	— 5	NNE	3	o	*	38	28	—		
†Ardrossan	30.67	39	ENE	3	b	30.60	— .12	27	26	— 6	ENE	3	o	2	36	25	—		
†Mullaghmore	30.51	41	ESE	6	b	30.49	— .06	37	34	— 2	ESE	3	b	2	42	26	—		
Donaghadee	30.64	41	SE	2	b	30.57	— .08	39	39	— 1	SE	1	b	0	42	39	—		
Parsonstown	30.56	32	2	0	b	30.64	— .04	21	21	— 12	2	0	b	*	40	30	—		
Barrow-in-Furness	30.65	35	NE	3	b	30.60	— .06	27	26	— 7	?	3	o	2	46	25	—		
†Holyhead	30.59	38	E	4	b	30.54	— .05	32	31	— 3	SSE	1	b	1	46	31	—		
Liverpool (Bidston)	30.65	38	ESE	2	b	30.58	— .07	25	24	— 7	ESE	2	m	1	35	25	—		
†Valentia	30.46	43	ENE	4	og	30.42	— .03	44	39	— 1	ENE	3	b	3	47	40	—		
Roche's Point	30.49	43	ESE	6	b	30.48	— .01	44	41	+ 1	ESE	5	b	4	45	41	—		
Pembroke	30.50	38	ENE	2	b	30.49	— .01	33	31	+ 1	ENE	3	b	3	39	31	—		
†Scilly	30.42	45	E	6	c	30.42	00	47	46	+ 5	E	6	o	5	47	41	—		
Prawle Point	30.45	41	ENE	5	b	30.48	+ .04	35	35	— 3	ENE	5	o	5	43	34	—		
Hurst Castle	30.53	37	ENE	5	b	30.53	+ .01	36	28	— 8	ENE	4	c	3	43	28	—		
†Dover	30.56	41	ENE	4	b	30.50	— .07	38	36	— 2	NE	3	c	2	41	37	—		
†London	30.56	33	E	2	o	30.56	— .01	33	31	— 2	ENE	1	o	*	42	31	—		
Oxford	30.65	34	NE	3	o	30.60	— .02	31	30	+ 2	NNE	2	o	*	40	29	—		
Cambridge	30.62	39	N	1	b	30.56	— .07	34	33	+ 6	NNE	1	o	*	40	26	—		
†Yarmouth	30.62	38	ENE	3	b	30.52	— .13	37	36	— 0	N	1	b	3	40	35	—		
The Helder	30.58	35	NE	1	c	30.43	— .25	39	38	+ 9	N	4	+	1	41	28	—		
Cape Gris Nez	30.53	35	ENE	4	b	30.46	— .05	?	35	?	NE	5	o	4	37	28	—		
†Jersey	30.46	38	ENE	5	b	30.48	+ .03	39	37	+ 6	ENE	4	b	3	40	32	—		
Brest	30.40	34	E	4	b	30.39	00	33	31	0	E	5	b	4	43	30	—		
Lorient	30.36	36	ENE	5	b	30.35	+ .03	40	33	+ 5	ENE	4	b	4	41	32	—		
†Rochefort	30.31	34	ENE	5	b	30.28	— .04	31	27	— 3	ENE	7	b	2	46	25	—		
Biarritz	30.30	37	E	3	m	30.28	— .03	32	31	— 6	E	3	b	3	43	28	—		
Corunna	*	*	*	*	*			*	*						*	*	*		
Brussels	*	*	*	*	*	30.45	— .14	33	33	+ 7	NE	1	o	*	36	25	0.04		
Charleville	30.08	37	E	1	b	30.39	— .06	30	28	— 2	E	4	o	*	?	23	—		
Paris	30.42	34	?	3	b	30.45	— .01	26	25	— 2	N	5	m	*	*	*	—		
Lyons	30.26	30	N	1	o	30.27	+ .03	24	23	— 8	N	1	b	*	32	23	—		
Toulon	30.22	43	SW	3	c	30.08	— .02	37	35	— 7	NNW	1	b	5	46	38	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.39	26	2	0	b	29.29	— .12	13	13	— 14	NE	1	b	*	32	12	—		


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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.56	38	35	NNW	7	o	4	Valentia ...	30.46	44	41	E	4	o	4
Sumburgh Head	30.70	41	40	NNW	2	b	1	Scilly ...	30.41	45	44	E	6	c	6
Stornoway ...								Dover ..	30.54	41	37	ENE	4	b	3
Aberdeen ...	30.72	25	24	SW	1	b	1	London ...	30.59	42	38	E	2	b	*
Shields ...	30.71	39	37	2	o	b	2	Yarmouth ...	30.68	40	38	ENE	2	b	3
Ardrossan ...	30.68	35	34	ENE	3	b	2	Jersey ...	30.45	39	35	ENE	5	b	4
Mullaghmore ...	30.58	42	40	ESE	5	c	4	Roche fort ...	30.25	46	44	NE	4	o	1
Holyhead...	30.59	39	37	E	4	b	3								

There has been very little change since the morning, beyond a slight decrease of pressure in the E. and 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

SUNDAY, 9TH JANUARY.

1881.



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ROBERT H. SCOTT
(SECRETARY.)

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

for 8 a m on SUNDAY 9TH JANUARY

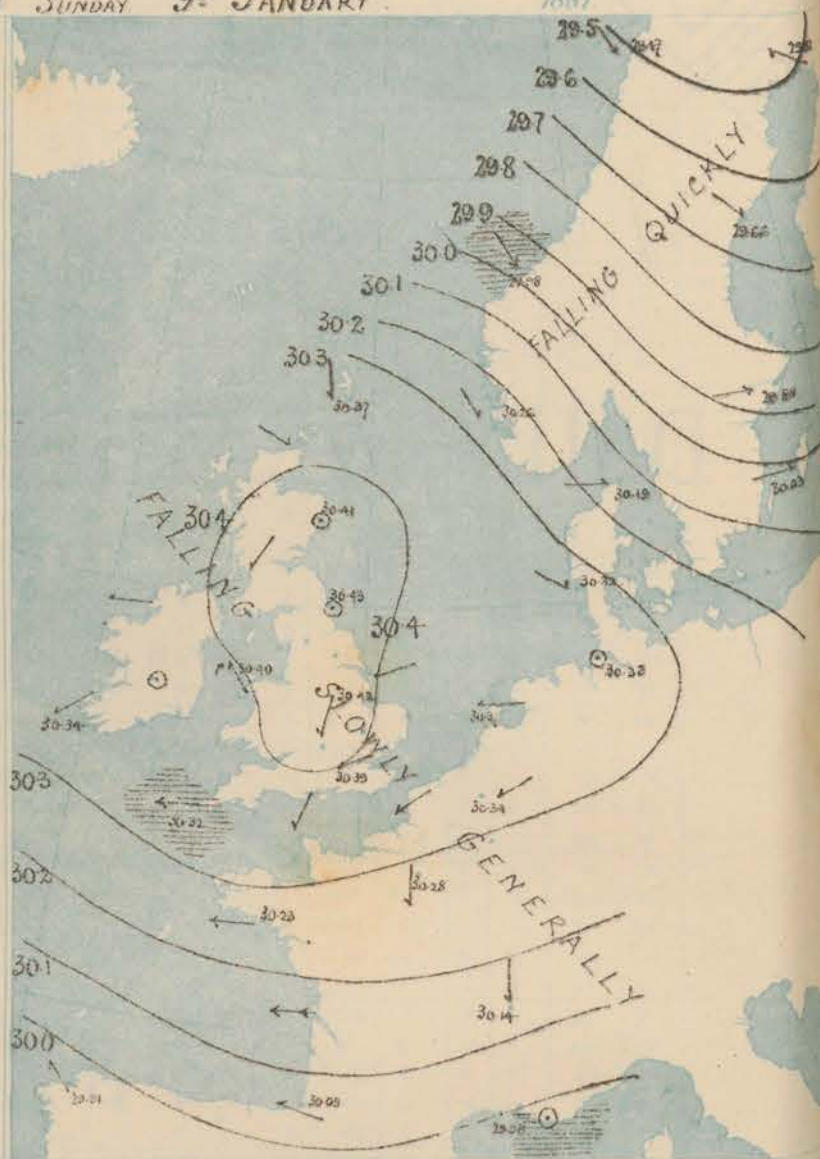
1887

Explanation of Map.

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

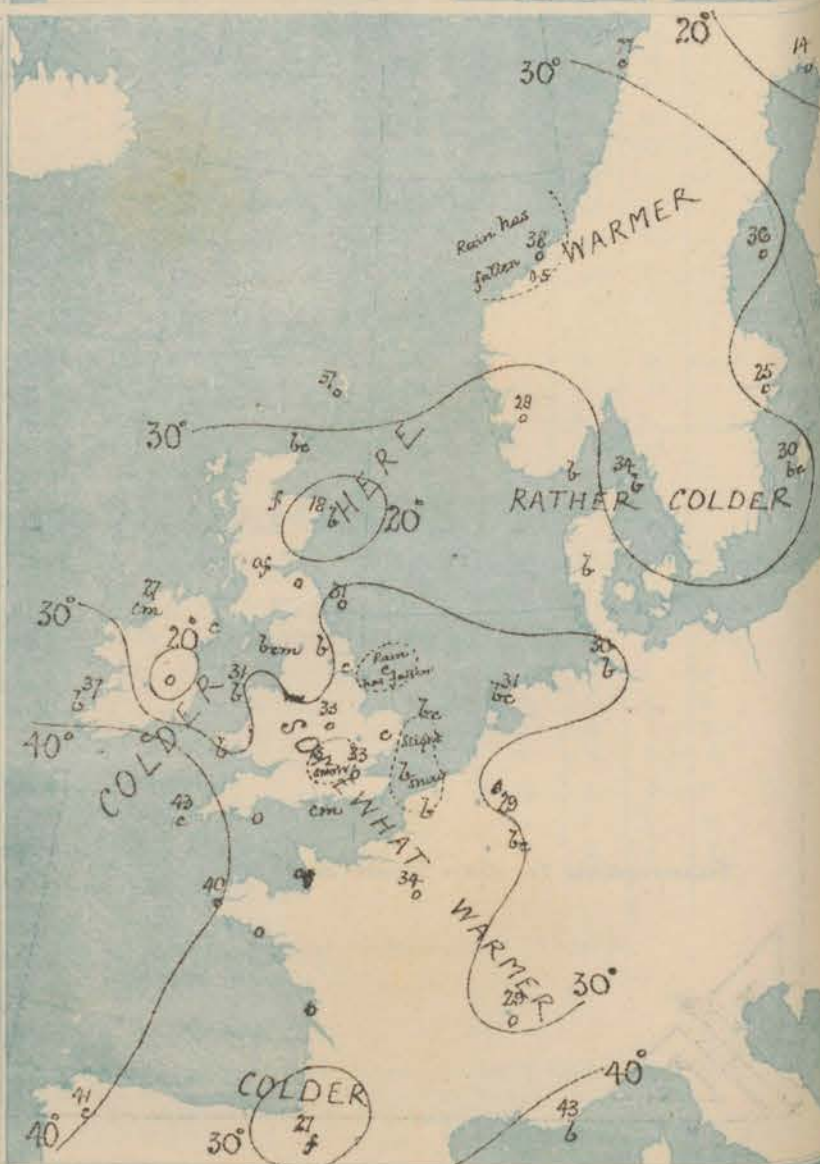
for the month of January.

* These means are for the 10 years 1966-75. A more complete set of mean values is in course of preparation.



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 SUNDAY, 9TH JAN^Y 1881 at 8 a.m.

The area of high pressure which has been lying for some days over our northern and north eastern stations is now giving way steadily, and the barometer is therefore falling generally. Over the north of Scotland the fall has been somewhat accelerated by the approach of a deep depression, which is shown this morning over the north of Scandinavia and is producing steep gradients for NW^{ly} winds at the Norwegian stations. Light N^{ly} and NW^{ly} breezes have at the same time set in in the Netherlands and at York, but in the neighbourhood of the high pressure area the winds are extremely light and variable, while over our southern stations and France E^{ly} breezes continue - of moderate strength generally, but strong over the Bay of Biscay. Temperature has risen over France, and at some of our central and southern stations, but in other places a further fall is reported; readings now vary from 16° at Parsonstown and 18° at Aberdeen to 37° on our south east coast and 43° at Lillie. Hard frost prevailed last night over Scotland and the northern and central parts of Ireland, the lowest readings recorded being 14° at Parsonstown, 17° at Aberdeen, 20° at Lillie and 23° at Leith and Mullaghmore. The weather is cloudy or dull in most parts of the Kingdom, and fog is reported from Scotland; in Denmark and the Netherlands the weather continues perfectly fine. The sea is rather rough at Lillie and Christiansund, slight or smooth elsewhere.

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 9TH JANUARY 1881.

† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.00	16	N	2	o	29.51	— .59	14	14	+ 3	SE	4	o	*	3	5	—	
Hörnösand ...	30.27	16	Z	0	n	29.60	— .45	36	32	+ 14	NNW	2	o	*	?	3	—	
Stockholm ...	30.26	20	N	2	b	29.58	— .19	25	24	— 3	N	6	o	*	32	19	—	
Wisby ...	30.44	28	NNE	6	b	30.03	+ .03	30	28	— 1	N	4	b	*	36	21	—	
Bodö ...	29.26	20	ESE	4	m	29.47	— .70	27	25	— 6	NN	6	c	4	34	25	—	
Christiansund...	30.38	34	H	4	o	29.98	— .47	38	35	+ 3	NN	7	o	5	?	25	0.51	
†Skudesnaes ...	30.43	28	Z	0	b	30.26	— .17	28	26	— 4	NNW	2	o	2	32	28	—	
Oxö (Xinnsund) ...	30.41	27	NNW	2	b	30.22	— .15	26	?	— 2	N	2	b	1	30	21	—	
Skagen (The Skaw)	30.37	35	NNE	4	b	30.19	— .13	34	32	— 2	N	4	b	4	37	27	—	
Fanö ...	30.30	26	NW	1	b	30.32	— .06	26	26	— 4	NNW	1	b	*	34	23	—	
Cuxhaven ...	30.41	35	NNE	1	c	30.38	+ .02	30	29	— 5	S	1	b	*	36	26	—	
†Sumburgh Head	30.54	35	NNW	1	o	30.37	— .24	37	35	+ 3	N	2	o	2	37	32	—	
†Stornoway ...																		
Wick ...	30.52	39	S	2	c	30.39	— .22	28	28	— 5	NN	1	b	2	39	27	—	
Nairn ...	30.50	20	Z	0	f	30.42	— .18	24	20	— 4	Z	0	f	1	25	20	—	
†Aberdeen ...	30.54	30	Z	0	m	30.41	— .21	18	17	— 6	SW	1	b	1	35	17	—	
Leith ...	30.54	31	S	1	of	30.43	— .19	27	26	— 5	N	1	o	*	33	23	—	
†Shields ...	30.55	34	NN	1	c	30.43	— .19	31	30	— 1	Z	0	o	1	35	30	—	
Spurn Head ...	30.52	38	NNW	3	r	30.40	— .18	37	37	+ 1	ENE	3	c	4	42	35	0.06	
York ...	30.55	32	NNW	1	c	30.43	— .20	33	32	+ 4	NNN	1	c	*	33	29	—	
Nottingham ...	30.53	33	N	2	o	30.42	— .18	33	33	+ 4	NNE	1	o	*	35	29	—	
†Ardrossan ...	30.51	26	ENE	3	c	30.44	— .16	27	26	0	NE	1	of	1	29	25	—	
†Mullaghmore ...	30.46	35	SSW	1	b	30.39	— .10	27	27	— 10	E	3	c	2	47	23	—	
Donaghadee ...	30.42	38	SE	1	f	30.41	— .16	31	31	— 8	N	1	c	0	44	29	—	
Parsonstown ...	30.58	29	Z	0	b	30.39	— .15	16	16	— 5	Z	0	o	*	44	14	—	
Barrow-in-Furness	30.55	30	E	2	b	30.42	— .18	28	26	+ 1	E	2	b	2	32	25	—	
†Holyhead ...	30.49	33	E	2	b	30.40	— .14	31	31	— 1	SSE	2	b	1	37	29	—	
Liverpool (Bidston)	30.53	27	SE	3	b	30.43	— .15	25	25	0	Z	0	m	1	27	25	—	
†Valentia ...	30.39	44	E	1	b	30.34	— .08	37	35	— 7	ENE	3	b	3	51	35	—	
Roche's Point...	30.46	43	SE	5	b	30.38	— .10	40	38	— 4	SE	5	c	4	47	38	—	
Pembroke ...	30.47	34	E	3	b	30.39	— .10	29	29	— 4	ENE	3	b	2	38	29	—	
†Scilly ...	30.41	42	E	7	b	30.32	— .10	43	41	— 4	E	5	c	5	47	41	—	
Prawle Point ...	30.47	33	ENE	3	o	30.34	— .14	37	36	+ 2	ENE	4	o	4	39	33	—	
Hurst Castle ...	30.49	33	NE	4	b	30.37	— .16	34	34	+ 5	NE	2	c	2	38	29	—	
†Dover ...	30.46	40	NNE	4	c	30.34	— .16	37	35	— 1	E	4	b	3	41	36	0.04	
†London ...	30.49	37	NNE	1	c	30.39	— .17	33	31	0	ENE	2	o	*	40	32	—	
Oxford ...	30.53	33	N	2	o	30.44	— .18	32	32	+ 1	N	2	s	*	36	31	0.01	
Cambridge ...	30.50	34	N	1	o	30.40	— .16	32	32	— 2	N	1	c	*	38	31	—	
†Yarmouth ...	30.46	39	N	3	b	30.35	— .17	37	34	0	NE	4	b	3	40	35	0.02	
The Helder ...	30.40	37	NE	2	b	30.37	— .16	31	29	— 8	E	1	b	1	29	28	—	
Cape Gris Nez ...	30.43	39	N	4	b	30.30	— .16	31	30	?	ENE	5	b	4	43	30	0.08	
†Jersey ...	30.48	38	ENE	3	o	30.33	— .15	39	38	0	ENE	2	og	3	43	36	—	
Brest ...	30.38	35	E	5	b	30.30	— .09	40	39	+ 7	E	4	o	3	41	30	—	
Lorient ...	30.34	34	ENE	7	b	30.23	— .12	37	33	— 3	E	7	o	3	43	30	—	
†Rochefort ...	30.27	33	ENE	7	b	30.17	— .11	34	31	+ 3	E	8	o	2	43	25	—	
Biarritz ...	30.19	36	ESE	3	b	30.09	— .14	27	26	— 5	ESE	3	f	2	45	23	—	
Corunna ...	*	*	*	*	*	29.91	— .20	44	*	+ 3	SE	1	c	2	*	*	*	
Brussels ...	*	*	*	*	*	30.34	— .11	29	28	— 4	ENE	3	o	*	38	29	—	
Charleville ...	30.33	36	E	1	o	30.29	— .10	31	30	+ 1	E	1	b	*	?	30	—	
Paris ...	30.38	37	?	4	o	30.28	— .17	34	34	+ 8	N	4	o	*	*	*	—	
Lyons ...	30.20	28	NNW	3	b	30.14	— .13	29	28	+ 5	N	1	o	*	31	23	—	
Toulon ...	29.97	41	NN	3	b	29.98	— .10	43	?	+ 6	Z	0	b	5	50	37	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.25	28	E	2	b	29.14	— .15	22	22	+ 9	E	1	b	*	28	19	—	

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.43	32	28	N	4	b	2	Valentia ...	30.39	50	45	ESE	5	b	5
Samburgh Head ...	30.56	35	33	NNW	1	b	2	Scilly ...	30.44	46	45	E	6	c	5
Stornoway ...								Dover ..	30.46	40	37	NNE	4	c	2
Aberdeen ...	30.57	28	27	NNW	1	c	2	London ...	30.51	40	37	NE	2	c	*
Shields ...	30.58	35	34	NNW	2	c	1	Yarmouth ...	30.48	40	38	N	2	b	3
Ardrossan ...	30.57	28	27	ENE	3	c	2	Jersey ...	30.47	38	36	ENE	5	b	4
Mullaghmore ...	30.48	45	40	SW	1	b	0	Rochefort ...	30.34	35	30	ENE	7	b	2
Holyhead ...	30.51	37	36	E	2	b	1								

The weather is fine in the W. and N. and cloudy in the E. and S. The winds show little change since the morning, and frost is still reported from Scotland, temperature readings ranging from 50° at Valentia to 28° at Aberdeen.

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

MONDAY, 10TH JANUARY.

1881.

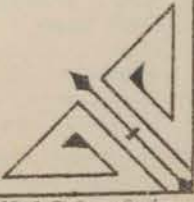

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ROBERT H. SCOTT

(SECRETARY.)

Fred^y Dangerfield, Lth 22, Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on MONDAY 10th JANUARY 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.

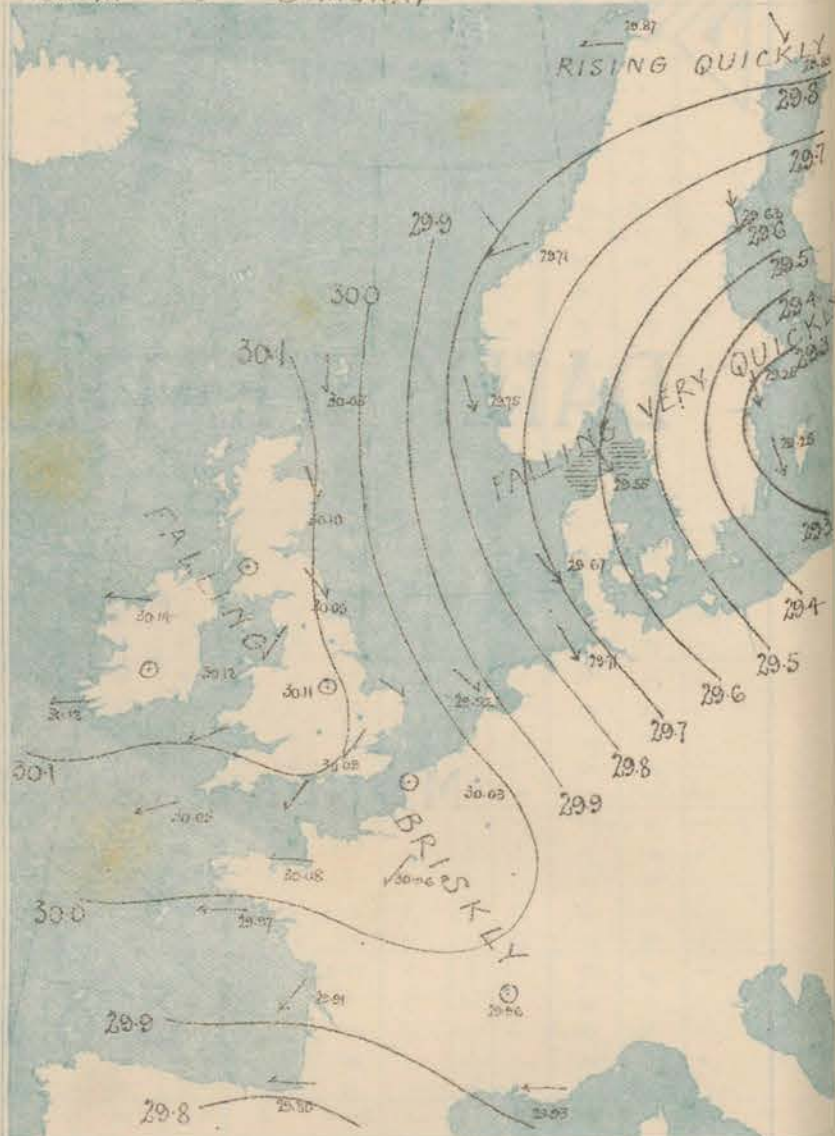
☉ - dead calm.

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

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

Stations	Mean Readings in.
Nairn	29.584
Aberdeen	29.621
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greenock	29.651
Holyhead	29.730
Valentia	29.721
Reche's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Vermouth	29.847

* 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 January

Stations	Temp.	Rain- fall in.
Sundburgh Head	39.0	3.00
Sarnsey	39.3	3.70
Aberdeen	37.0	2.76
Nuchle	37.5	1.98
Kirk	37.7	1.80
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Pictonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St. Mary's)	45.2	5.23
Ilura Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Vermouth	37.3	2.64

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



REMARKS

For MONDAY 10TH JANUARY 1881 at 8 a.m.

A deep depression has passed from north to south across Scandinavia, and now has its centre over the Baltic. A rapid fall of the mercury has consequently occurred over Norway and Sweden, while in all parts of these Islands and France a brisk fall of the barometer has taken place. An anticyclone still lies over the west and north of the United Kingdom but it seems to be rapidly breaking up, and readings at its centre are only about 30.15 ins. N^W and NW^W breezes are reported over Scandinavia, circulating round the disturbance over the Baltic, but elsewhere the wind is anticyclonic, blowing from N on our north and east coasts, and from E in the south west and west and over France. At Scilly, over the Bay of Biscay and in Sweden the wind is strong, but on most coasts it is light or moderate. The weather is fine in the north of Norway and the north-west of France, dull or very cloudy elsewhere, with mist or fog in several places, snow showers in the north-east of Scotland and over the Straits of Dover. Temperature has risen fast in north Scotland and north Ireland, changed rather irregularly in our other districts, and fallen fast over France. Readings range from 40° at Pringle P^o to 25° at Leith and 24° at Paris and Lyons. Sea is moderate to smooth.

FORECASTS

For the 24 hours ending at Noon
on the

11TH JANUARY.

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

MAP SHOWING
DISTRICTS



DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Moderate N ^W breezes; dull, snow showers. Weather raw.	6 SCOTLAND WEST	Light airs or calms; dull, some fog or mist. Frosty, with snow.
2 SCOTLAND EAST	8° 8° 8°	7 ENGLAND N.W.	8° 8° 8°
3 ENGLAND N.E.	{ N ^W to N ^W breezes, moderate or light; cold and raw, snow or sleet this evening.	8 ENGLAND S.W.	E ^W winds, light and fresh; cloudy, cold.
4 ENGLAND EAST	8° 8° 8°	9 IRELAND NORTH	E ^W and SE ^W winds, moderate; dull, turning milder.
5 MIDLAND COUNTIES	8° 8° 8°	10 IRELAND SOUTH	8° 8° 8°
6 ENGLAND SOUTH	N ^W and NE ^W winds, moderate; cold and raw, some snow.	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 10th JANUARY 1881.

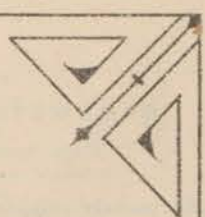
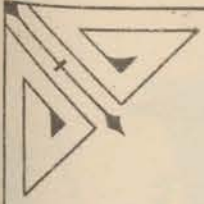
STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dirac.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.	
Haparanda ...	29.60	10	NE	6	0		29.83	+ .32	7	7	- 21	N	2	0		16	-8	-
Hernösand ...	29.38	22	NNW	6	0		29.62	- .03	12	11	- 24	N	8	0		36	12	-
Stockholm ...	29.41	26	NN	4	0		29.28	- .60	17	16	- 8	NNW	8	0		30	16	-
Wisby ...	29.42	32	W	6	5		29.28	- .75	26	24	- 4	N	6	8		36	7	0.08
Bodö ...	29.50	31	E	6	0		29.87	+ .40	14	12	- 13	E	2	0		34	14	-
Christiansund ...	29.76	30	NNW	4	0		29.71	- .27	28	27	- 10	ENE	4	0		?	21	-
†Skudesnaes ...	29.90	25	NNW	8	0		29.75	- .31	30	29	+ 2	NNW	6	0		39	28	-
Örö (Xiensund) ...	29.70	37	WSW	4	0		29.63	- .59	27	24	+ 1	NN	4	0		37	25	-
Skagen (The Skaw) ...	29.62	39	NN	7	0		29.55	- .64	31	29	+ 3	NW	5	0		39	27	-
Fanö ...	29.86	37	NNW	6	0		29.67	- .65	34	32	+ 8	NN	6	0		37	25	-
Cuxhaven ...	30.23	31	WSW	1	0		29.77	- .61	37	36	+ 7	NNW	6	5		?	27	0.01
†Sumburgh Head ...	30.48	39	N	3	0		30.05	- .30	32	31	- 5	N	4	5		42	29	0.06
†Stornoway ...																		
Wick ...	30.27	29	N	2	0		30.15	- .24	33	32	+ 5	N	3	0		36	25	-
Nairn ...	30.31	19	Z	0	0		30.18	- .24	33	32	+ 12	NNW	3	0		33	19	0.02
†Aberdeen ...	30.29	28	N	2	0		30.10	- .31	34	32	+ 16	NNW	4	0		35	17	0.02
Leith ...	30.30	26	W	1	0		30.14	- .29	25	24	- 2	W	2	0		48	22	-
†Shields ...	30.29	32	NN	1	0		30.09	- .34	31	30	0	NW	2	0		35	25	-
Spurn Head ...	30.27	37	N	3	0		30.03	- .37	32	31	- 5	W	4	0		38	31	0.05
York ...	30.31	32	NNW	1	0		30.09	- .24	31	30	- 2	NW	1	0		36	25	-
Nottingham ...	30.28	33	N	1	0		30.11	- .31	24	24	- 9	Z	0	0		37	23	0.01
†Ardrossan ...	30.31	30	Z	0	0		30.16	- .28	25	25	- 2	Z	0	0		33	24	-
†Mullaghmore ...	30.29	29	ESE	3	f		30.24	- .25	31	31	+ 5	E	2	0		33	24	-
Donaghadee ...	30.26	32	W	2	f		30.14	- .27	33	32	+ 2	SSW	2	0		36	30	-
Parsonstown ...	30.32	26	Z	0	0		30.17	- .22	27	27	+ 11	N	?	0		29	16	0.01
Barrow-in-Furness ...	30.31	31	E	2	0		30.15	- .27	27	26	- 1	NE	2	0		39	25	-
†Holyhead ...	30.29	38	Z	0	0		30.12	- .28	36	35	+ 5	W	2	0		38	30	0.05
Liverpool (Bidston) ...	30.30	30	SE	1	0		30.14	- .29	29	28	+ 4	ENE	1	0		34	25	-
†Valentia ...	30.23	35	Z	0	0		30.12	- .22	34	33	- 3	E	1	0		47	30	-
Roche's Point ...	30.27	40	SE	4	0		30.13	- .25	37	35	- 3	ENE	3	0		44	35	-
Pembroke ...	30.27	39	NE	2	0		30.11	- .28	32	30	+ 3	ENE	2	0		35	28	-
†Scilly ...	30.21	41	ENE	6	0		30.05	- .27	39	38	- 4	ENE	6	0		43	38	-
Prawle Point ...	30.20	37	ENE	4	0		30.06	- .28	41	39	+ 4	ENE	4	0		?	35	-
Hurst Castle ...	30.25	37	NE	3	0		30.10	- .27	36	35	+ 2	NE	3	0		39	34	-
†Dover ...	30.24	35	E	3	0		30.05	- .29	35	34	- 2	N	3	0		38	31	-
†London ...	30.25	37	E	2	0		30.09	- .30	34	32	+ 1	NE	2	0		39	32	-
Oxford ...	30.27	34	NNW	2	0		30.12	- .30	31	30	- 1	N	1	0		35	31	0.01
Cambridge ...	30.29	35	N	1	0		30.08	- .32	30	29	- 2	NN	1	0		38	30	0.04
†Yarmouth ...	30.25	36	N	1	0		30.03	- .32	32	31	- 5	NN	2	0		39	30	0.02
The Helder ...	30.19	35	W	1	0		29.92	- .45	39	36	+ 8	NN	4	0		39	30	-
Cape Gris Nez ...	30.25	31	ENE	3	0		30.08	- .22	38	32	+ 2	SSW	1	0		43	28	-
†Jersey ...	30.20	36	ENE	3	0		30.08	- .25	32	31	- 7	E	3	0		41	31	-
Brest ...	30.11	41	E	4	0		30.04	- .26	32	31	- 8	E	4	0		41	30	-
Lorient ...	30.07	38	E	8	0		29.97	- .26	28	27	- 9	E	7	0		41	27	-
†Rochefort ...	30.03	33	ENE	7	0		29.91	- .26	28	26	- 6	NE	7	0		41	23	-
Biarritz ...	30.18	28	E	4	f		29.80	- .29	26	23	- 1	E	4	0		37	21	-
Corunna ...	*	*	*	*	*				*	*						*	*	*
Brussels ...	*	*	*	*	*		30.03	- .31	25	24	- 4	?	4	0		32	23	-
Charleville ...	*	*	*	*	*											*	*	*
Paris ...	30.17	33	?	4	0		30.06	- .22	24	?	- 12	NE	4	0		*	*	-
Lyons ...	30.05	32	NN	1	0		29.96	- .08	24	22	- 5	NN	2	0		30	23	-
Toulon ...	29.97	39	SW	2	0		29.93	- .05	39	38	- 4	E	5	0		48	39	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.02	24	Z	0	0		28.83	- .31	24	24	- 2	E	1	0		32	16	-

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes ...	30.00	39	39	NNW	8	+	Valentia ...						
Sumburgh Head							Scilly ...						
Stornoway ...							Dover ..						
Aberdeen ...							London ...						*
Shields ...							Yarmouth ...						
Ardrossan ...							Jersey ...						
Mullaghmore ...							Rochefort ...	30.10	37	38	ENE	8	0
Holyhead... ..													

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

TUESDAY, 11TH JANUARY.

1881.


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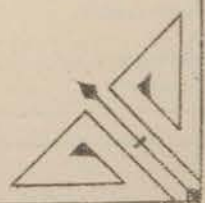
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Tuesday 11th JANUARY - 1881

BAROMETER, WIND & SEA

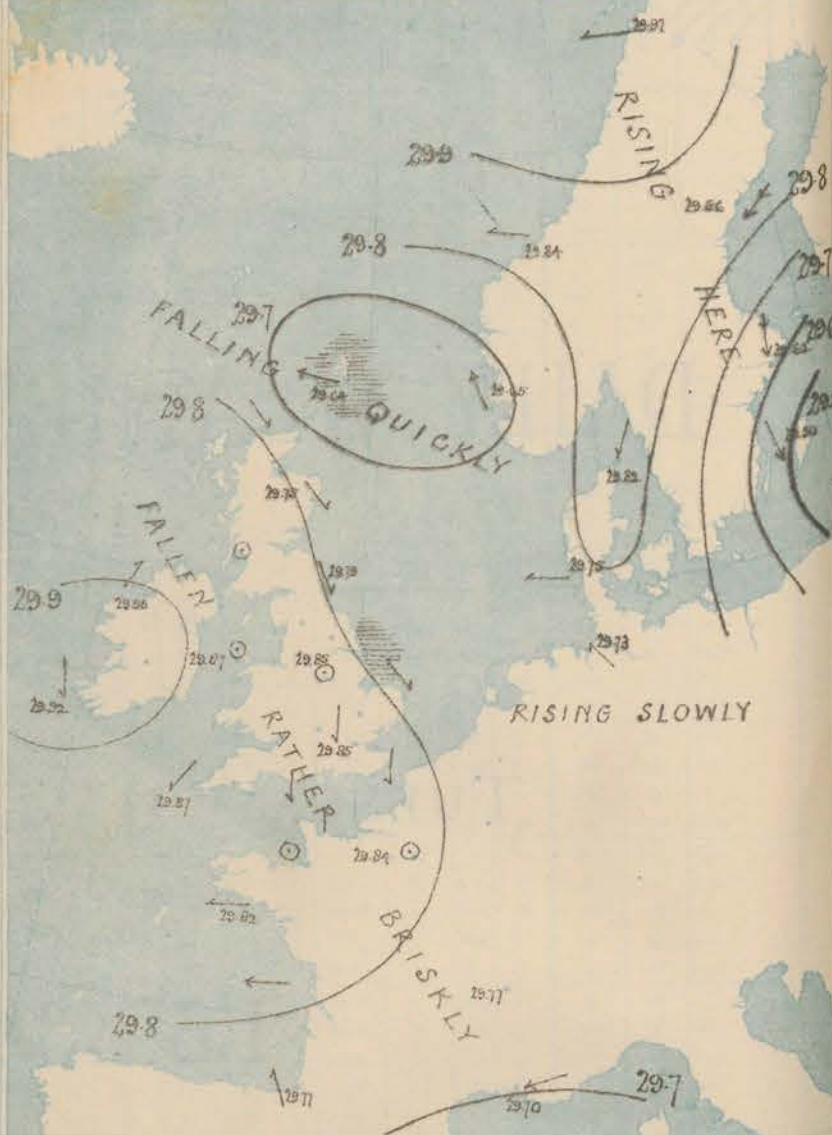
Explanation of Map.

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 6 to 7; → forces 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 January

Stations	Mean Readings
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Green-castle	29.657
Holyhead	29.730
Valentia	29.721
Reich's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Vermouth	29.847

* 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.

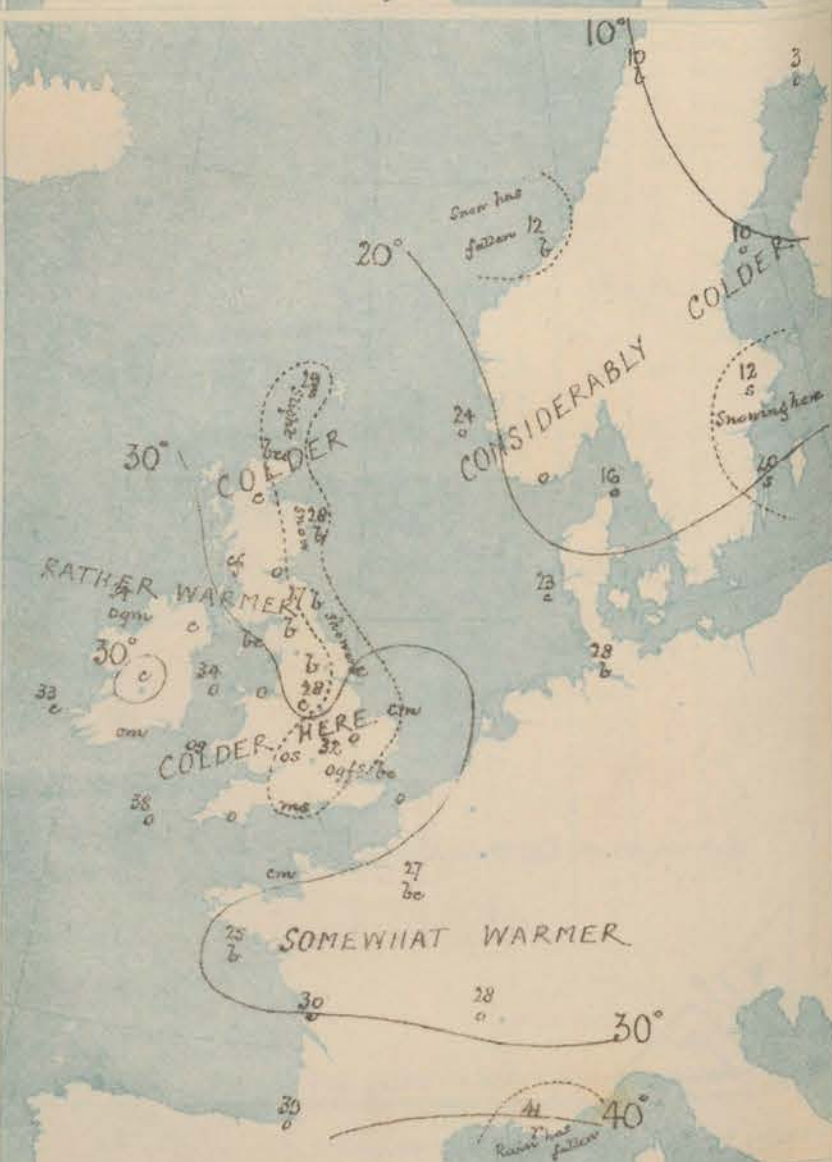
Explanation of Map.

Temperature Isobars 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 January.

Stations	Temp	Rain-fall
Sandburgh Head	39.0	3.00
Sarnway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mallaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.25
Hurst Castle	40.4	?
Dover	38.1	3.56
LONDON	38.8	2.63
Vermouth	37.3	2.64

* The mean Temperatures are those for the 22 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Tuesday: 11th January 1881, at 8 a.m.

A considerable change has occurred over Western Europe. The mercury has continued to fall in all places, but the change has been very much greater in the north than elsewhere, and a shallow but well-marked depression has appeared off the north of Scotland, while the area of highest readings lies over Ireland. The disturbance noticed over the Baltic yesterday is passing away over Central Europe, and a recovery is now in progress over Sweden. The wind is generally N^h to NW^h on our coasts and E^h over France, but at Mullaghmore a SW breeze is reported. Over Scandinavia the wind is more variable, blowing from the NW^h over Sweden, and from SE and E in Denmark and Norway. The weather is fine at some northern and north-eastern stations and in the north west of France, but the weather is generally cloudy and snow is falling in the Shetlands, the south east of England and over the Baltic. Slight snow has fallen in the eastern parts of England and Scotland. Temperature has fallen except in the north-west and over France, and readings range from 38° at Scilly to 26° at Pansotown, York and Ardronan. Slight frost was experienced in most districts last night. The sea is moderate to smooth, except at Spurne 14° and the Shetlands.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

12th JANUARY.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	NW ^h and N ^h breezes, moderate to fresh; cloudy, with snow showers.
1 SCOTLAND EAST	8° — 8° — 8°
2 ENGLAND N.E.	8° — 8° — 8°
3 ENGLAND EAST	NW ^h breezes, moderate; cloudy, some snow.
4 MIDLAND COUNTIES	NW ^h , N ^h and W ^h winds, light and moderate; cloud or dull, rather cold, some snow.
5 ENGLAND SOUTH	8° — 8° — 8°

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Light W ^h breezes; cloudy, foggy, dull.
7 ENGLAND N.W.	Very light N ^h breezes; cloudy, but dry.
8 ENGLAND S.W.	NE ^h breezes, moderate; dull, slight snow.
9 IRELAND NORTH	Same as No 6.
10 IRELAND SOUTH	N ^h breezes or calms; cloudy, foggy, but dry.
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 11th JANUARY 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	29.89	-2	N	2	0	29.84	+ .01	3	3	+ 10	N	2	0	*	3	-8	-		
Hernösand	29.87	7	N	6	0	29.86	+ .23	10	9	- 2	NE	8	0	*	27	3	-		
Stockholm	29.84	10	NNE	8	5	29.82	+ .24	12	11	- 5	N	8	5	*	27	9	0.08		
Wisby	29.44	21	NNE	6	5	29.58	+ .22	20	19	- 6	NNW	6	5	*	37	16	0.04		
Bodö	29.96	10	E	2	6	29.97	+ .10	10	8	- 4	E	2	6	*	14	9	-		
Christiansund	29.85	18	ESE	3	6	29.84	+ .13	12	12	- 16	ESE	4	6	3	?	3	0.12		
† Skudesnaes	29.70	28	NNW	4	6	29.65	- .10	24	23	- 6	SE	6	0	4	32	?	-		
Oxö (Xelansund)	29.73	23	NNE	6	0	29.78	+ .15	14	13	- 13	NNE	6	0	3	32	12	-		
Skagen (The Skaw)	29.75	22	NE	4	0	29.82	+ .27	16	13	- 15	NNE	4	0	2	?	12	-		
Fanö	29.71	26	ESE	4	0	29.75	+ .08	23	22	- 11	E	4	0	*	34	21	-		
Cuxhaven	29.71	35	NNW	1	6	29.73	- .04	28	27	- 9	SE	1	6	*	?	27	-		
† Sumburgh Head	29.90	33	N	4	0	29.64	- .41	29	29	- 3	ESE	6	5	6	35	27	0.03		
† Stornoway																			
Wick	30.00	31	N	4	6	29.73	- .42	27	27	- 6	NNW	3	6	4	34	24	0.05		
Nairn	30.07	32	NNW	3	0	29.81	- .37	29	28	- 4	NNW	2	0	2	33	29	0.03		
† Aberdeen	30.00	31	NNW	3	6	29.75	- .35	28	28	- 6	NNW	2	6	2	34	27	0.02		
Leith	30.05	34	NW	1	0	29.88	- .26	29	28	+ 4	N	1	0	*	34	24	-		
† Shields	30.03	33	N	3	0	29.79	- .30	27	27	- 4	NW	1	6	3	35	25	0.04		
Spurn Head	29.94	34	NNW	4	0	29.78	- .25	32	31	0	NNW	5	0	5	38	31	0.03		
York	30.00	34	N	2	0	29.82	- .27	26	26	- 5	NNW	1	6	*	35	26	-		
Nottingham	30.00	33	N	2	0	29.85	- .26	28	27	+ 4	NNW	1	0	*	36	24	-		
† Ardrossau	30.07	33	ESE	1	0	29.84	- .32	26	25	+ 1	SSE	1	0	0	33	23	-		
† Mullaghmore	30.09	34	NNE	2	0	29.90	- .24	34	32	+ 2	SW	3	0	2	35	30	-		
Donaghadee	30.04	36	SW	2	6	29.85	- .29	33	32	0	NNW	3	0	1	26	32	-		
Parsonstown	30.09	29	NNW	1	0	29.95	- .22	26	26	- 1	SW	1	0	*	29	25	-		
Barrow-in-Furness	30.05	34	N	2	0	29.87	- .28	31	30	+ 4	N	2	6	2	36	29	-		
† Holyhead	30.05	35	NNE	2	0	29.87	- .25	34	33	- 2	SSE	1	0	0	?	32	-		
Liverpool (Bidston)	30.04	33	NNW	1	0	29.84	- .33	32	29	+ 3	N	1	0	1	34	29	-		
† Valentia	30.08	33	N	1	6	29.92	- .20	33	32	- 1	N	1	0	1	40	28	-		
Roche's Point	30.04	37	ESE	3	0	29.91	- .22	34	32	- 2	N	3	0	4	39	33	-		
Pembroke	30.00	34	E	2	0	29.86	- .25	35	32	+ 3	NE	1	0	0	35	30	-		
† Scilly	29.96	41	ESE	4	0	29.87	- .18	38	36	- 1	NE	4	0	4	42	36	-		
Prawle Point	29.97	34	NNE	3	0	29.86	- .20	32	31	- 9	N	3	0	3	37	30	-		
Hurst Castle	30.00	30	NE	2	0	29.87	- .23	32	32	- 4	N	1	0	2	36	30	-		
† Dover	29.93	34	NNW	4	6	29.82	- .23	33	32	- 2	NNW	3	6	1	38	33	-		
† London	29.97	34	NNW	2	0	29.85	- .24	32	32	- 2	N	1	0	fgs	35	32	-		
Oxford	?	33	N	1	0	29.87	- .25	32	31	+ 1	NNW	1	0	*	23	31	0.01		
Cambridge	29.97	34	NNW	1	0	29.82	- .26	31	30	+ 1	NNW	1	0	*	34	28	0.02		
† Yarmouth	29.93	34	NNW	3	0	29.79	- .24	31	30	- 1	NNW	2	0	3	35	28	0.05		
† The Helder	29.84	35	NNW	3	5	29.74	- .18	33	32	- 6	SW	3	6	1	29	?	0.04		
Cape Gris Nez	29.95	35	E	3	0	29.83	- .20	36	34	+ 3	N	2	0	2	37	34	-		
† Jersey	29.97	36	E	4	0	29.88	- .20	36	33	+ 4	W	1	0	0	37	32	-		
Brest	29.96	31	E	4	6	29.85	- .19	35	32	+ 3	ESE	5	6	3	45	30	-		
Lorient	29.86	32	ESE	7	6	29.82	- .15	26	25	- 2	E	4	6	3	37	25	-		
† Rochefort	29.84	31	ESE	4	0	29.81	- .10	30	29	+ 2	ESE	5	0	2	37	23	-		
Biarritz	29.76	34	SE	5	0	29.77	- .03	36	35	+ 13	SE	3	0	2	?	28	-		
Corunna	*	*	*	*	*			*	*					*	*	*	*		
Brussels	*	*	*	*	*	29.80	- .23	29	24	+ 4	L	0	f	*	32	?	0.04		
Charleville														*	*	*	*		
Paris	29.97	27	NE	4	6	29.84	- .22	27	26	+ 3	L	0	6	*	*	*	-		
Lyons	29.76	30	N	1	6	29.77	- .19	28	26	+ 4	?	1	0	*	33	?	-		
Toulon	29.86	42	NE	5	0	29.70	- .23	41	41	+ 2	ESE	5	+	3	43	39	0.24		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.75	28	NNW	3	0	28.55	- .28	21	21	- 3	E	2	6	*	28	20	-		

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

Hawes Junction	29.75	28	NNW	3	0		29.65	- .28	21	21	- 3	E	2	6	*	28	20	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudesnaes ...	29.70	32	30	NNW	4	6	3	Valentia ...	30.06	40	35	NE	2	6m	2
Sumburgh Head ...	30.03	34	31	N	5	6	4	Scilly ...	30.00	42	40	E	6	0	4
Stornoway ...								Dover ..	29.97	35	33	N	2	6	1
Aberdeen ...	30.05	34	33	NNW	3	0	5	London ...	30.00	35	33	NN	1	0mg	*
Shields ...	30.03	33	33	N	2	0	1	Yarmouth ...	29.95	33	33	NNW	2	fgs	3
Ardrossan ...	30.11	32	31	L	0	0	0	Jersey ...	30.01	37	33	E	3	6	3
Mullaghmore ...	30.10	34	32	E	2	0	2	Rochefort ...	29.84	34	32	ENE	7	6	1
Holyhead ...	30.08	36	34	NNE	3	0	2								

Weather is fine in the N. as well as at Dover and Valentia, but elsewhere the sky is dull and snow is falling at Yarmouth. The wind varies between N and E. and temperature ranges from 42° at Scilly to 32° at Shields and Yarmouth.

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).

† Received too late for insertion in Chart.



DAILY WEATHER REPORT

F O R

WEDNESDAY, 12TH JANUARY.

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. * Dargerfeld, Lith. 22, Hatford St. Lower garden.*

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 12TH JANUARY 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.

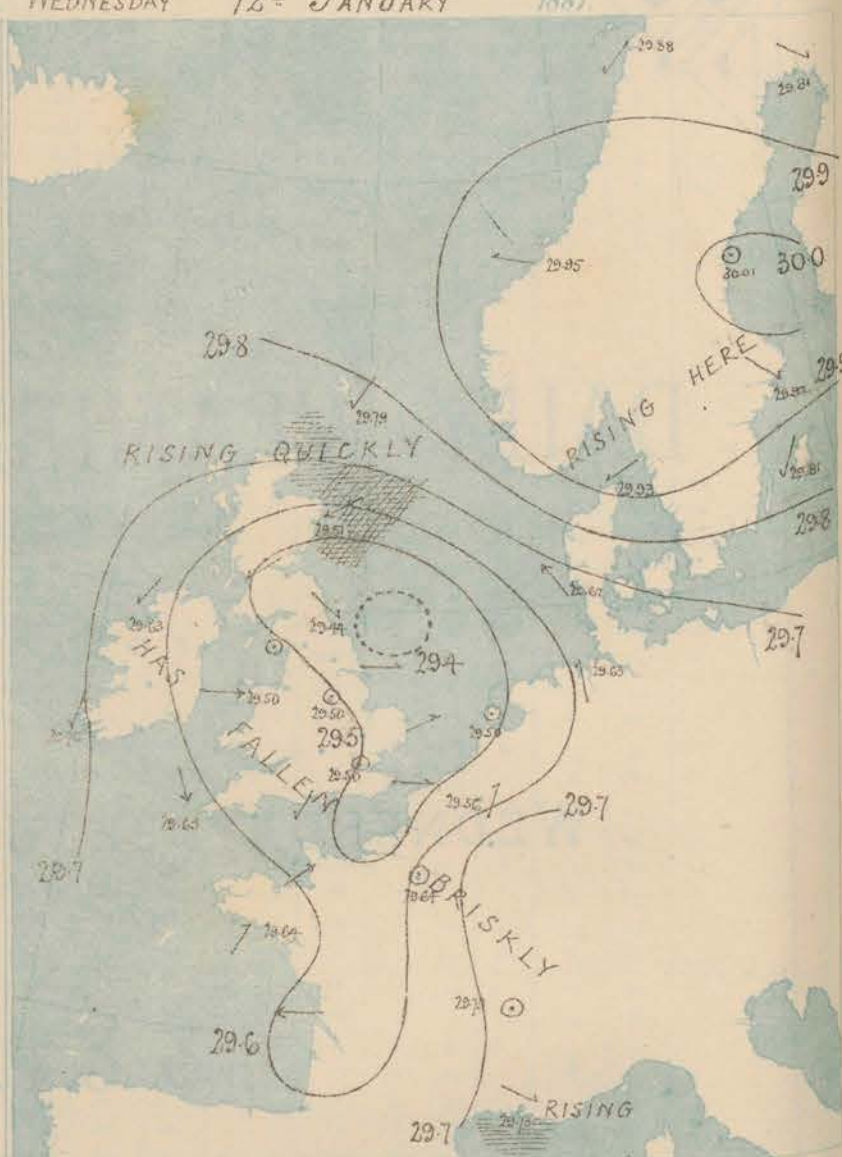
Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 101 → forces 8 to 10
 → forces 5 to 7 → forces 1 to 4
 ○ dead calm.

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

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

Stations	Mean Readings
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Aldershot	29.678
Greenwich	29.657
Holyhead	29.730
Valencia	29.721
Rochester P.	29.735
Plymouth	29.866
LONDON	29.869
Farmouth	29.847

* 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.

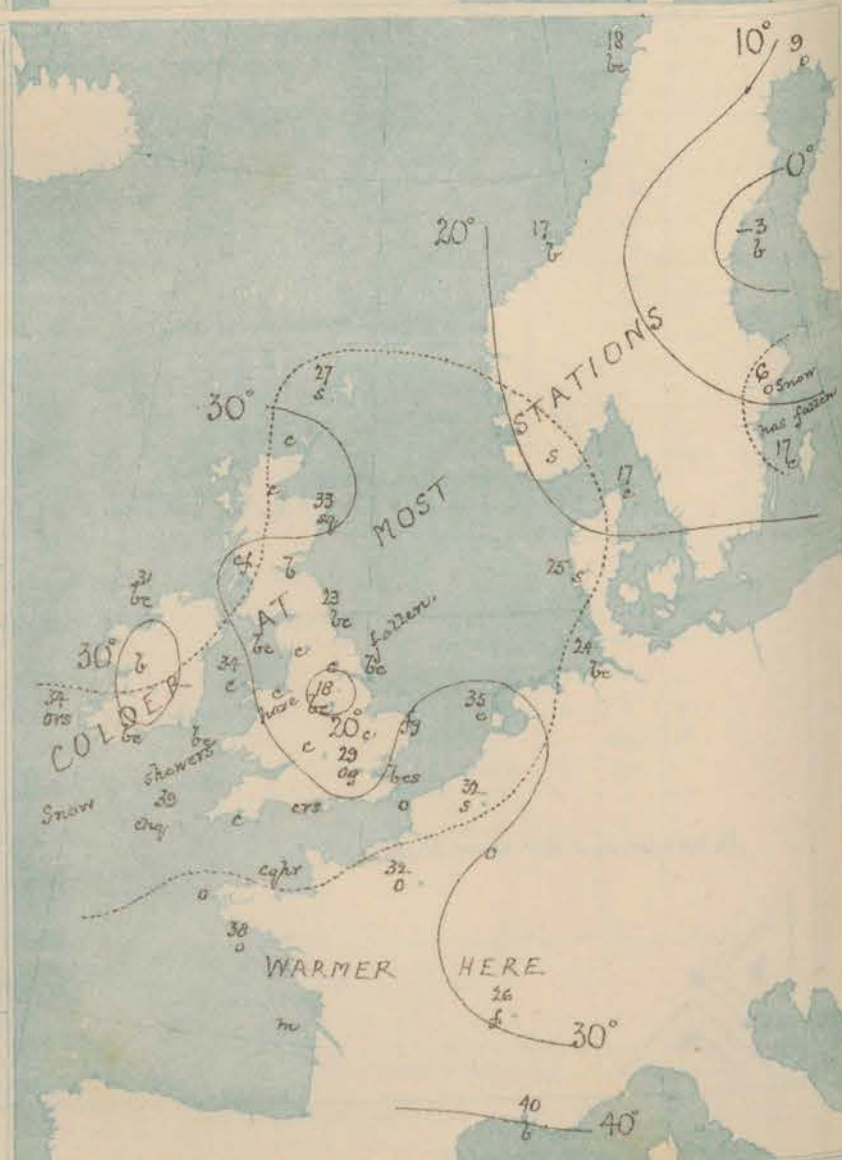
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 January.

Stations	Temp	Rain-fall
Sunderburgh Head	39.0	3.00
Sarnesway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Millingtons	40.4	?
Holyhead	41.3	4.27
Portsmouth	39.6	3.62
Valencia	43.0	7.70
Sally (St. Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.6	2.63
Farmouth	37.3	2.64

* 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, 12th JAN^y 1881, at 8 a.m.

The large area of low pressure which yesterday lay over the North Sea has gradually become much deeper and has passed slowly S^W down our east coast. The centre lies near Shields this morning, and the barometer there marks 29.4 ins., while small subsidiary disturbances lie — one over the Straits of Dover, and a second over North Wales. In Scotland a brisk recovery is in progress but in all other districts the mercury is falling. The wind is NE^{ly} and N^{ly} on most of our coasts, but W^{ly} breezes are reported from the south-east of England, and SE^{ly} breezes in Denmark. Gales are blowing in the north-east of Scotland, but elsewhere the wind is light or moderate. The weather varies a good deal; in several places snow showers are reported but at the majority of stations the sky is moderately clear. Snow showers have fallen except at some western stations. Temperature has changed little in the west, but in the east it has fallen several degrees, and in France risen briskly. Readings range from 39° at Scilly to 18° at Nottingham. Sea is extraordinarily high at Aberdeen, and rough in the extreme north, slight elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

13th JANUARY

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

NE^{ly} winds and gales; snow showers, then finer and sharp frost.

2 SCOTLAND EAST

----- B^y ----- B^y ----- B^y -----

3 ENGLAND NE

N^{ly} to NE^{ly} winds, perhaps a gale; cold, snow showers.

4 ENGLAND EAST

N^{ly} to N^{ly} winds, moderate to fresh; cloudy, snow showers.

5 MIDLAND COUNTIES

----- B^y ----- B^y ----- B^y -----

6 ENGLAND SOUTH

Variable airs to N^{ly} breezes; fine to gloomy, with snow.

6 SCOTLAND WEST

N^{ly} breezes, light; cloudy, foggy, frosty.

7 ENGLAND NW

N^{ly} and NW^{ly} breezes, moderate; cloudy, slight frost.

8 ENGLAND SW

N^{ly} winds, moderate and fresh; cloudy, some showers, cold.

9 IRELAND NORTH

NW^{ly} and NE^{ly} winds, moderate; fair, frosty.

10 IRELAND SOUTH

----- B^y ----- B^y ----- B^y -----

WARNINGS

The north line was twisted last evening in Districts 1, 2, 6, 7 and part of 9.

METEOROLOGICAL OBSERVATIONS FOR 12th JANUARY. 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. Reading at 32° F. and Sea Level.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.	Force. (0 to 12).	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Dry.	Wet.						Max.	Min.	
Haparanda ...	29.84	-5	N	2	δ	29.81	-03	9	8	+ 6	NTW	4	0	10	-8	—
Hernösand ...	29.90	14	N	2	0	30.01	+ 15	-3	-3	- 13	2	0	δ	14	?	—
Stockholm ...	29.81	12	N	4	5	29.92	+ 30	6	6	- 6	NW	2	0	14	?	0.04
Wisby ...	29.66	20	NNE	6	0	29.81	+ 31	17	15	- 3	NE	4	0	28	14	0.04
Bodö ...	29.95	7	E	2	0	29.88	- 09	18	16	+ 8	NE	2	δ	18	9	—
Christiansund ...	29.90	13	ESE	5	δ	29.95	+ 11	17	14	+ 5	ESE	2	δ	?	3	—
† Skudesnaes ...																
Oxö (Xiansund) ...	29.85	12	NNE	6	0	29.85	+ 07	14	14	0	NNE	8	5	14	9	—
Skagen (The Skaw) ...	29.91	16	ENE	5	0	29.93	+ 11	17	16	+ 1	ENE	5	0	?	12	—
Fanö ...	29.67	23	ESE	6	5	29.62	- 13	25	25	+ 2	SE	6	5	25	23	?
Cuxhaven ...	29.75	29	SSE	3	5	29.63	- 10	24	24	- 4	SSE	3	δ	?	23	—
† Sumburgh Head ...	29.64	29	ENE	6	0	29.79	+ 15	27	27	- 2	NE	3	5	31	25	0.07
† Stornoway ...																
Wick ...	29.62	30	NE	6	0	29.70	- 08	33	32	+ 6	ENE	5	0	38	25	0.30
Nairn ...	29.60	28	NNE	1	5	29.58	- 23	38	32	+ 4	NNE	5	0	33	28	0.12
† Aberdeen ...	29.54	27	NTW	3	5	29.51	- 24	33	32	+ 5	ENE	8	5	33	26	0.21
Leith ...	29.62	30	W	1	5	29.48	- 40	22	21	- 7	W	1	δ	32	20	0.05
† Shields ...	29.61	31	NTW	2	0	29.44	- 35	23	23	- 4	NTW	4	δ	33	22	0.01
Spurn Head ...	29.62	31	WNW	5	0	29.42	- 36	25	25	- 7	W	4	δ	34	25	0.02
York ...	29.66	31	NW	1	0	29.45	- 37	22	22	- 4	NTW	1	0	33	17	0.07
Nottingham ...	29.69	26	Z	0	δ	29.50	- 35	18	17	- 10	NTW	1	δ	33	16	0.07
† Ardrossan ...	29.63	31	NNW	4	0	29.50	- 34	27	26	+ 1	ENE	1	0	34	24	—
† Mullaghmore ...	29.76	32	NE	5	0	29.63	- 27	31	30	- 3	NE	4	δ	38	28	—
Donaghadee ...	29.68	32	NTW	3	0	29.52	- 33	32	30	- 1	NNE	4	0	35	26	0.09
Parsonstown ...	29.78	33	W	1	0	29.66	- 29	25	24	- 1	NTW	1	δ	34	22	—
Barrow-in-Furness ...	29.65	32	NNW	2	5	29.52	- 35	21	21	- 10	N	1	δ	39	21	0.10
† Holyhead ...	29.67	37	WNW	5	0	29.50	- 37	34	33	0	W	5	0	38	32	0.12
Liverpool (Bidston) ...	29.65	31	SW	1	δ	29.50	- 34	28	27	- 4	SSE	1	0	34	26	0.30
† Valentia ...	29.83	26	NNW	1	0	29.70	- 22	34	33	+ 1	NNE	3	0	41	31	0.06
Roche's Point ...	29.81	35	NNW	3	δ	29.64	- 27	30	29	- 4	NNW	3	δ	38	29	—
Pembroke ...	29.72	37	N	2	δ	29.54	- 32	33	29	- 2	NNW	2	δ	39	32	0.02
† Scilly ...	29.78	40	NNW	1	0	29.63	- 24	39	36	+ 1	NNW	5	0	41	36	0.07
Prawle Point ...	29.76	34	N	2	0	29.55	- 31	32	32	0	NNW	2	0	37	31	—
Hurst Castle ...	29.75	34	N	1	0	29.56	- 31	33	33	+ 1	NE	3	0	37	32	—
† Dover ...	29.71	33	NTW	2	δ	29.47	- 35	34	32	+ 1	W	3	δ	38	30	0.03
† London ...	29.71	32	NTW	1	0	29.50	- 35	34	34	- 3	W	0	0	36	29	0.10
Oxford ...	29.70	31	NTW	2	0	29.52	- 35	26	26	- 6	NNW	1	0	35	26	0.08
Cambridge ...	29.68	30	W	1	0	29.46	- 36	25	25	- 6	NNW	1	0	36	25	0.04
† Yarmouth ...	29.67	30	NTW	2	δ	29.46	- 33	30	29	- 1	NTW	1	0	33	25	0.03
The Helder ...	29.59	35	W	2	5	29.50	- 24	35	34	+ 2	W	1	0	36	32	0.08
Cape Gris Nez ...	29.72	35	NNW	3	0	29.48	- 35	34	34	- 2	ESE	3	0	39	32	0.05
† Jersey ...	29.81	38	W	0	0	29.57	- 31	39	38	+ 3	NTW	5	0	41	35	0.06
Brest ...	29.85	38	Z	0	0	29.63	- 22	42	41	+ 7	NNW	4	0	43	30	—
Lorient ...	29.78	35	E	3	δ	29.64	- 18	38	34	+ 2	SW	3	0	?	25	—
† Rochefort ...	29.80	37	ESE	4	0	29.59	- 22	34	34	+ 4	ESE	4	0	43	25	—
† Biarritz ...	29.79	45	SE	4	0	29.63	- 14	45	42	+ 6	S	4	0	48	36	0.12
Corunna ...	*	*	*	*	*									*	*	*
Brussels ...	*	*	*	*	*	29.56	- 24	32	31	+ 3	SW	3	0	?	?	0.04
Charleville ...	29.74	31	SW	1	0	29.76	- 20	30	28	- 2	SW	1	0	37	30	—
Paris ...	29.79	33	?	3	0	29.64	- 20	32	31	+ 5	Z	0	0	*	*	—
Lyon ...	29.79	31	NTW	1	δ	29.73	- 04	26	25	- 2	ESE	1	0	33	26	—
Toulon ...	29.72	42	NTW	5	δ	29.70	+ 03	40	37	- 1	NW	4	0	45	39	—

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

Hawes Junction	28.37	23	W	0	0	28.23	- 32	18	18	- 3	ENE	1	0	26	16	—
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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 ...	29.72	21	21	E	6	5	4	Valentia ...	29.88	39	35	N	2	e	3
Sumburgh Head ...	29.66	29	28	ENE	6	8	6	Scilly ...	29.82	40	37	Z	0	0	2
Stornoway ...								Dover ..	29.73	35	33	NN	1	0	1
Aberdeen ...	29.64	28	27	NN	3	6	3	London ...	29.76	36	33	NN	1	og	*
Shields ...	29.69	32	32	NN	2	0	5	Yarmouth ...	29.71	32	31	NNN	2	6cm	3
Ardrossan ...	?	33	32	Z	0	5	3	Jersey ..	29.83	39	36	N	2	0	2
Mullaghmore ...	29.81	36	35	N	4	0.59	3	Rochefort ...	29.81	39	35	ESE	3	6	2
Holyhead ...	29.76	38	35	NN	4	e	3								

Pressure continues to decrease except in the Fkellands. The wind is generally NW or N and the weather cloudy or dull except at Aberdeen and Yarmouth. Snow is falling 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).



DAILY WEATHER REPORT

F O R

THURSDAY, 13TH JANUARY.

1881.

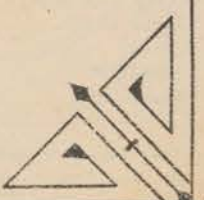
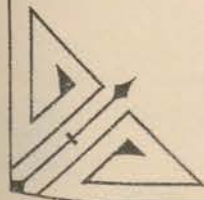
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ROBERT H. SCOTT
(SECRETARY.)

Friedl. Dingerfeld. Lith. 22 Bedford Sq. Covent Garden.

WEATHER CHARTS

for 8 a.m. on THURSDAY 13th JANUARY 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 6 to 7; → forces 4 to 5.

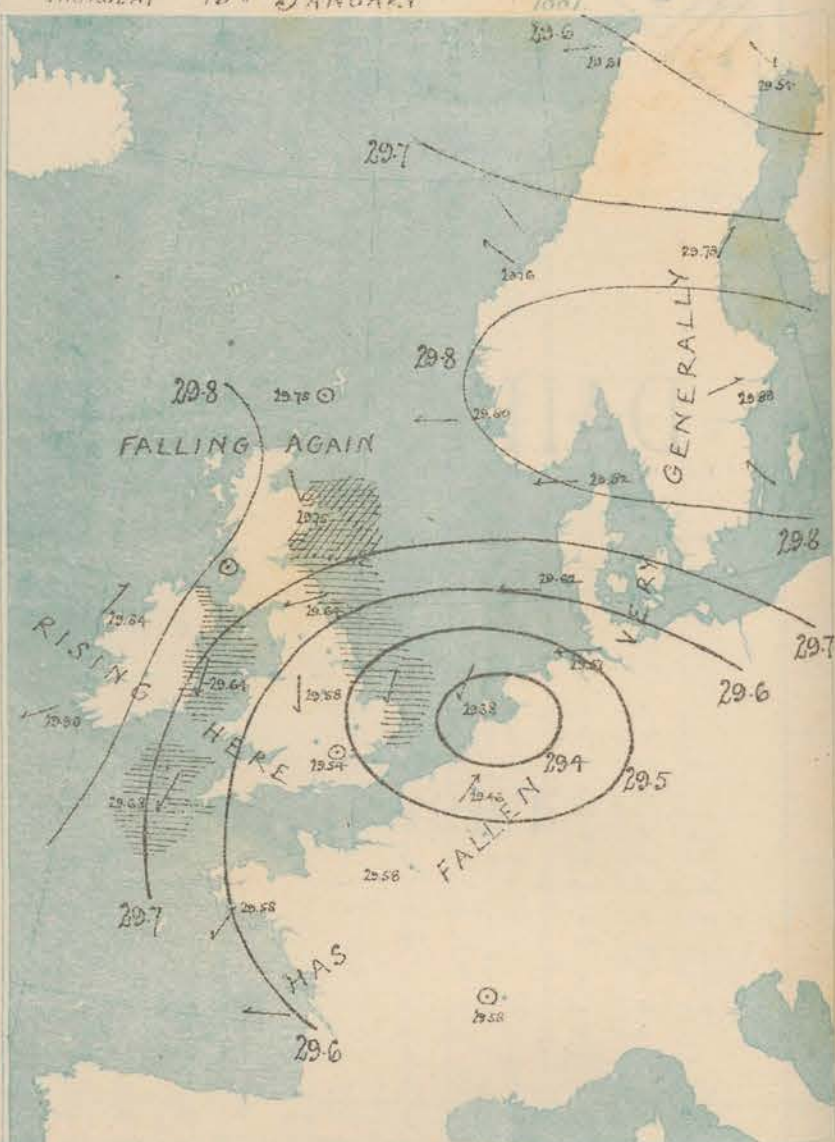
☉ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of January.

Stations	Mean Readings Inch
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greenacres	29.651
Holyhead	29.730
Valentia	29.721
Roches Pt.	29.765
Plymouth	29.866
LONDON	29.869
Vermouth	29.847

* 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.

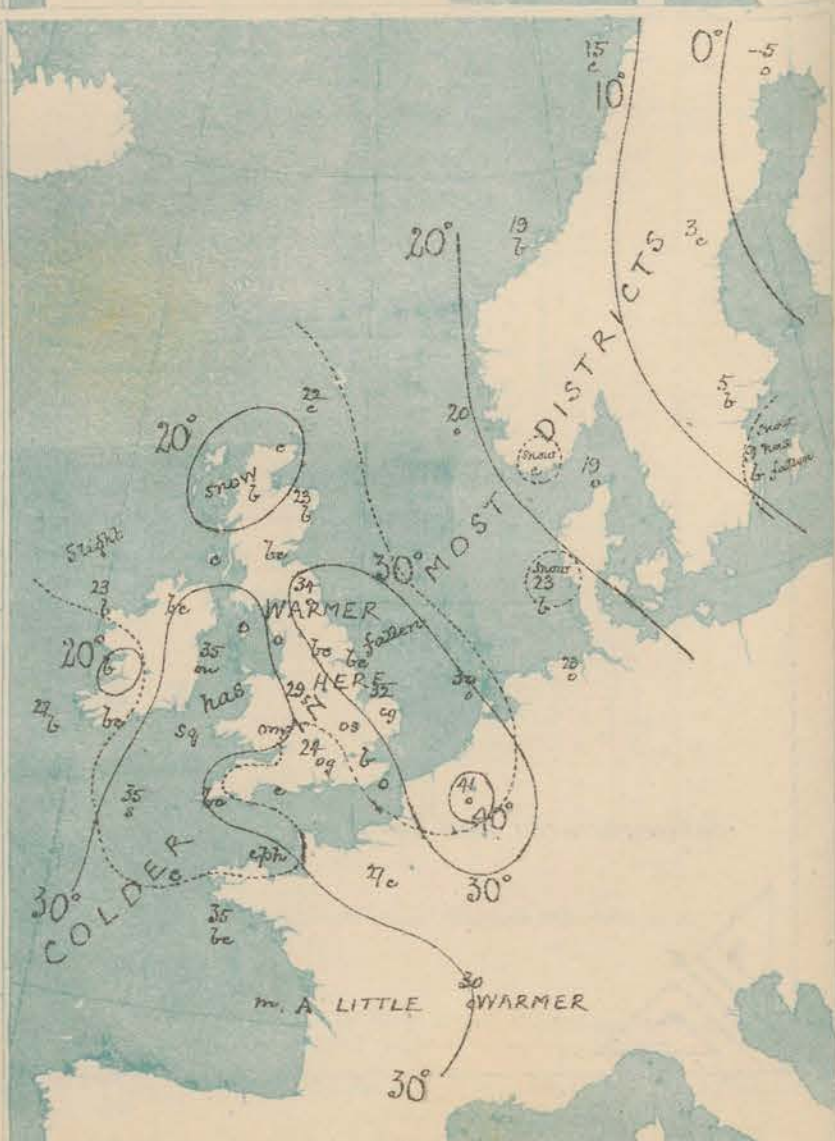
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of January.

Stations	Temp.	Rain-fall Inch
Sandburgh Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Vermouth	37.3	2.64

* 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, 13TH JANY 1881 at 8 a.m.

The depression noticed over the North Sea yesterday has travelled slowly SE^W during the night, and is shown this morning over Holland. The barometer has fallen over all the countries to the E^W of the North Sea, and the greater part of France, while a separate decrease is in progress over the north of Scotland; elsewhere the mercury is rising, and an area of comparatively high readings lies off our western coasts. The wind is consequently N^W over these islands and the Channel and E^W over North Germany, Denmark and Norway; in most places it is light or moderate in force but at Scilly and on the Yorkshire coast it blows briskly, while over the Irish Sea a fresh gale is reported. The weather is fine and bright over Ireland and the east of Great Britain, but elsewhere the sky is cloudy or overcast, with snow in several places. Slight snow showers have occurred except in the south-east, south and south-west. Temperature is rising in the east of England but elsewhere there has been a decrease, and sharp frost is reported very generally. Readings range from 35° at Scilly to 26° in London, 17° at Parsonstown and 16° at Wick. The minimas last night were 13° at Wick, and 17° at Nottingham and in London. The sea is rough in the north-east and north-west.

FORECASTS

for the 24 hours ending at Noon
on the

14TH JANUARY.

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

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

1 SCOTLAND NORTH	N ^W breezes, light or moderate. Weather milder, with cloud and snow.
2 SCOTLAND EAST
3 ENGLAND NE	NE ^W breezes, moderate; dull, some snow.
4 ENGLAND E	NE ^W and N ^W breezes, moderate; dull, snow.
5 MIDLAND COUNTIES	N ^W breezes, light or moderate; dull, gloomy, some snow.
6 ENGLAND SOUTH

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Very light N ^W breezes; dull, foggy, cold.
7 ENGLAND N.W.	Fresh N ^W winds; cloudy, snow showers.
8 ENGLAND S.W.	Moderate or strong N ^W winds; dull, snow showers.
9 IRELAND NORTH	Light variable breezes; weather fine to foggy. Very cold.
10 IRELAND SOUTH
WARNINGS	The bath line is still flying in Districts 1 and 2.

METEOROLOGICAL OBSERVATIONS FOR 13TH JANUARY. 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.	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 ...	29.67	-9	NW	2	o	29.54	- .27	-5	-5	- .14	NW	2	o	*	9	-9	-	
Hernösand ...	29.94	-7	Z	o	b	29.73	- .28	3	2	+ .6	SW	2	c	*	14	-8	-	
Stockholm ...	29.95	1	WNW	2	b	29.89	- .03	-5	-5	- .11	WSW	2	b	*	?	?	-	
Wisby ...	29.85	12	E	3	b	? 29.85	+ .04	9	7	- .8	SE	2	b	*	23	5	0.01	
Bodö ...	29.62	24	NE	2	o	29.61	- .27	15	13	- .3	E	2	c	*	25	12	-	
Christiansund...	29.89	16	ESE	2	b	29.76	- .19	19	17	+ .2	ESE	1	b	2	19	7	-	
†Skudesnaes ...	29.88	18	E	4	b	29.80		20	19		E	2	c	3	?	18	-	
Öxö (Christiansund) ...	29.82	16	NNE	6	s	29.78	- .07	15	14	+ .1	N	6	c	4	16	12	0.08	
Skagen (The Skaw) ...	29.89	19	E	6	b	29.82	- .11	19	16	+ .2	E	5	c	4	?	14	-	
Fanö ...	29.62	22	SE	8	o	29.62	.00	20	21	- .2	E	6	b	*	25	21	0.12	
Cuxhaven ...	29.59	26	SSE	6	s	29.57	- .12	23	22	- .1	E	6	o	*	?	21	-	
†Sumburgh Head ...	29.34	28	NE	4	c	29.45	- .04	22	19	- .5	Z	o	c	2	29	19	0.21	
†Stornoway ...																		
Wick ...	29.84	30	NE	8	s	29.71	+ .01	14	14	- .19	NW	1	c	4	? 33.	13	0.09	
Nairn ...	29.80	27	NNE	5	c	29.80	+ .22	18	17	- .15	Z	o	b	1	? 33	18	0.08	
†Aberdeen ...	29.72	30	NE	8	b	29.75	+ .24	23	22	- .10	NNW	3	b	7	34	22	0.12	
Leith ...	29.66	30	NE	6	s	29.74	+ .26	28	27	+ .6	NE	2	b	*	34	20	0.38	
†Shields ...	29.43	34	NNE	4	s	29.64	+ .20	34	33	+ .11	ENE	3	o	6	35	22	0.26	
Spurn Head ...	29.38	32	NW	5	b	29.57	+ .09	33	32	+ .8	NE	5	b	5	35	24	0.03	
York ...	29.44	27	N	1	b	29.59	+ .14	30	30	+ .8	NNE	1	b	*	32	21	0.10	
Nottingham ...	29.49	23	NNW	1	b	29.58	+ .08	29	29	+ .11	N	4	s	*	31	17	0.07	
†Ardrossan ...	29.70	28	ENE	3	b	29.78	+ .28	26	25	- .1	N	1	c	1	33	21	0.09	
†Mullaghmore ...	29.72	34	ESE	5	c	29.84	+ .21	28	23	- .8	SW	2	b	2	27	19	0.12	
Donaghadee ...	29.68	35	NNW	8	b	29.75	+ .23	33	33	+ .1	NNW	8	b	6	35	27	0.04	
Parsonstown ...	29.70	28	NNW	1	b	29.87	+ .21	17	17	- .8	NW	1	b	*	32	17	-	
Barrow-in-Furness ...	29.54	29	NNE	3	b	29.65	+ .13	32	31	+ .11	NNE	3	o	2	32	19	0.02	
†Holyhead ...	29.56	34	NNE	3	b	29.64	+ .14	35	35	+ .1	NNE	7	ow	5	35	30	0.02	
Liverpool (Bidston) ...	29.52	30	NNW	2	b	29.61	+ .11	29	28	+ .1	N	1	c	1	33	28	-	
†Valentia ...	29.73	37	N	3	b	29.90	+ .20	27	27	- .7	ENE	1	b	2	39	26	-	
Roche's Point ...	29.68	34	NNW	5	b	29.82	+ .18	28	27	- .2	N	3	b	4	36	27	-	
Pembroke ...	29.54	36	NNW	3	c	29.67	+ .13	32	31	- .1	NNE	4	sq	3	36	26	0.12	
†Scilly ...	29.63	40	N	4	o	29.68	+ .05	35	35	- .4	NE	6	s	5	41	33	0.10	
Prawle Point ...	29.60	33	NNW	3	b	29.59	+ .04	25	25	- .7	NW	3	b	3	? 34	24	-	
Hurst Castle ...	29.56	34	NW	4	b	29.56	.00	25	25	- .8	NNW	1	c	2	35	25	-	
†Dover ...	29.49	29	NNW	2	b	29.49	+ .02	26	25	- .8	NNW	2	b	1	34	25	0.04	
†London ...	29.50	27	NW	2	b	29.54	+ .04	24	?	- .5	Z	o	og	*	32	17	-	
Oxford ...	29.55	25	WSW	3	b	29.56	+ .04	30	30	+ .4	NNW	2	om	*	31	18	-	
Cambridge ...	29.45	26	NNW	1	c	29.52	+ .06	29	24	+ .4	NW	1	os	*	30	21	-	
†Yarmouth ...	29.40	26	NNW	3	b	29.47	+ .01	32	31	+ .2	NNE	3	cg	5	32	23	0.22	
The Helder ...	29.29	32	ESE	1	s	29.38	- .12	30	29	- .5	NE	2	o	1	36	28	0.24	
Cape Gris Nez ...	29.00	32	NW	4	b	29.52	+ .04	29	29	- .5	NW	4	o	3	37	28	0.12	
†Jersey ...	29.65	35	N	2	b	29.59	+ .02	35	33	- .4	NNE	2	oph	3	40	33	0.04	
Brest ...	29.67	41	N	3	b	29.64	+ .01	39	36	- .3	N	5	c	3	43	32	0.04	
Lorient ...	29.67	37	NW	1	b	29.58	- .06	35	33	- .3	NE	3	b	3	43	30	-	
†Roche fort ...	29.67	37	SE	3	m	29.61	+ .02	35	33	+ .1	E	3	m	2	43	28	-	
Biarritz ...				4														
Corunna ...	*	*	*	*	*				*						*	*	*	
Brussels ...	*	*	*	*	*	29.46	- .10	41	41	+ .9	SW	4	o	*	?	22	0.20	
Charleville ...															*	*	*	
Paris ...	29.58	34	?	4	b	29.58	- .06	27	25	- .5	?	3	b	*	*	*	-	
Lyons ...	29.64	31	S	1	f	29.58	- .15	30	28	+ .4	N	1	o	*	35	?	-	
Toulon ...																		

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

Hawes Junction	28.23	22	N	3	o		28.34	+ .11	27	27	+ .9	NE	4	o	*	28	16	-
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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 ...	29.87	19	18	ENE	6	b	4	Valentia ...	29.70	39	35	NNE	3	b	4
Sumburgh Head	29.83	28	27	NE	3	c	4	Scilly ...	29.64	41	36	NW	5	c	4
Stornoway ...								Dover ..	29.47	31	29	NW	3	bcp	1
Aberdeen ...	29.69	32	30	NE	8	bcp	9	London ...	29.49	31	31	NW	1	b	*
Shields ...	29.44	29	29	NW	3	s	6	Yarmouth ...	29.42	27	27	NNW	3	bm	3
Ardrossan ...	29.60	30	30	ENE	3	s	2	Jersey ...	29.62	38	33	NNW	5	b	4
Mullaghmore ...	29.64	27	34	NNE	7	b	6	Roche fort ...	29.68	38	36	SE	3	m	2
Holyhead...	29.52	33	32	NNE	4	c	3								

The sun is increasing rather briskly in the N. and slightly in the W., but is decreasing in the SE. The depression seems to be steady in the NE. The wind varies between NE. and NW. and the weather is fine frothy in the E. and SE.

EXPLANATION OF COLUMNS.

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

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

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

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DAILY WEATHER REPORT

F O R

FRIDAY, 14TH JANUARY.

1881.

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ROBERT H. SCOTT

(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on FRIDAY 14th JANUARY 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 4 to 6.
 ○ dead calm.

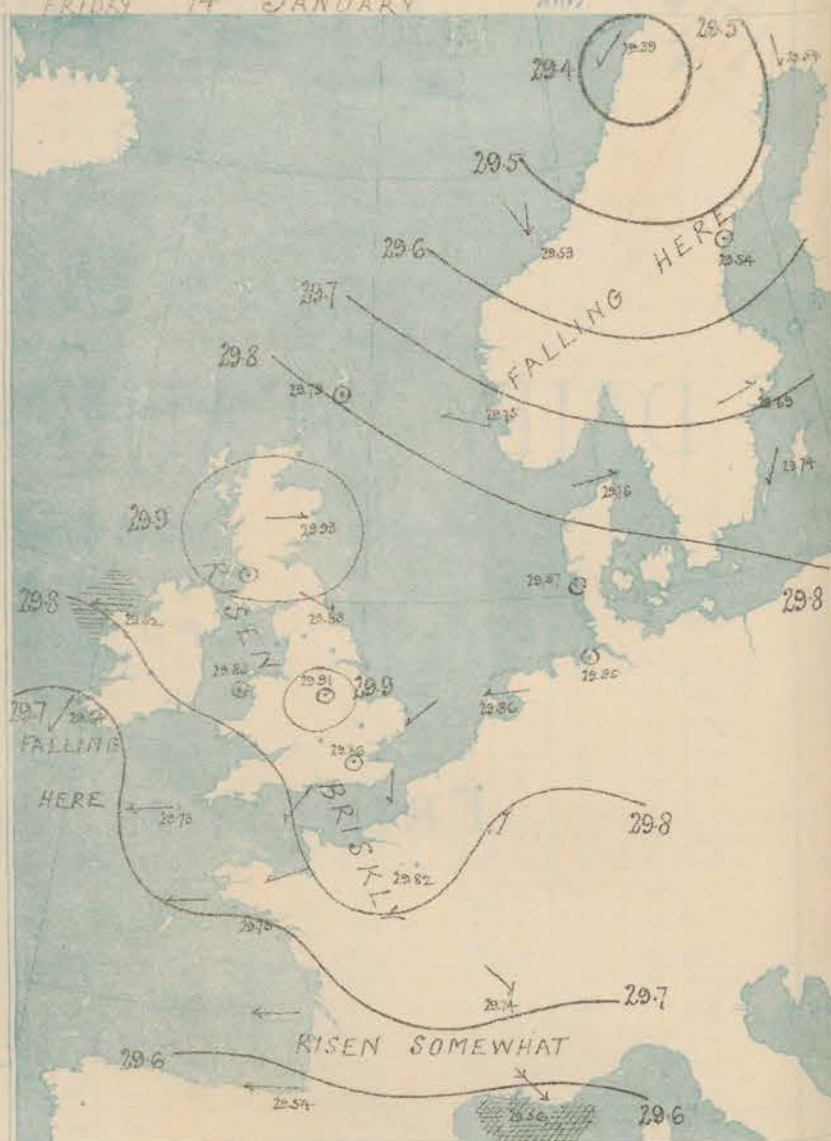
Sea Disturbance: where considerable, is shown by shading round the coast: thus Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greencastle	29.651
Holyhead	29.730
Valentia	29.724
Koch's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

* 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.

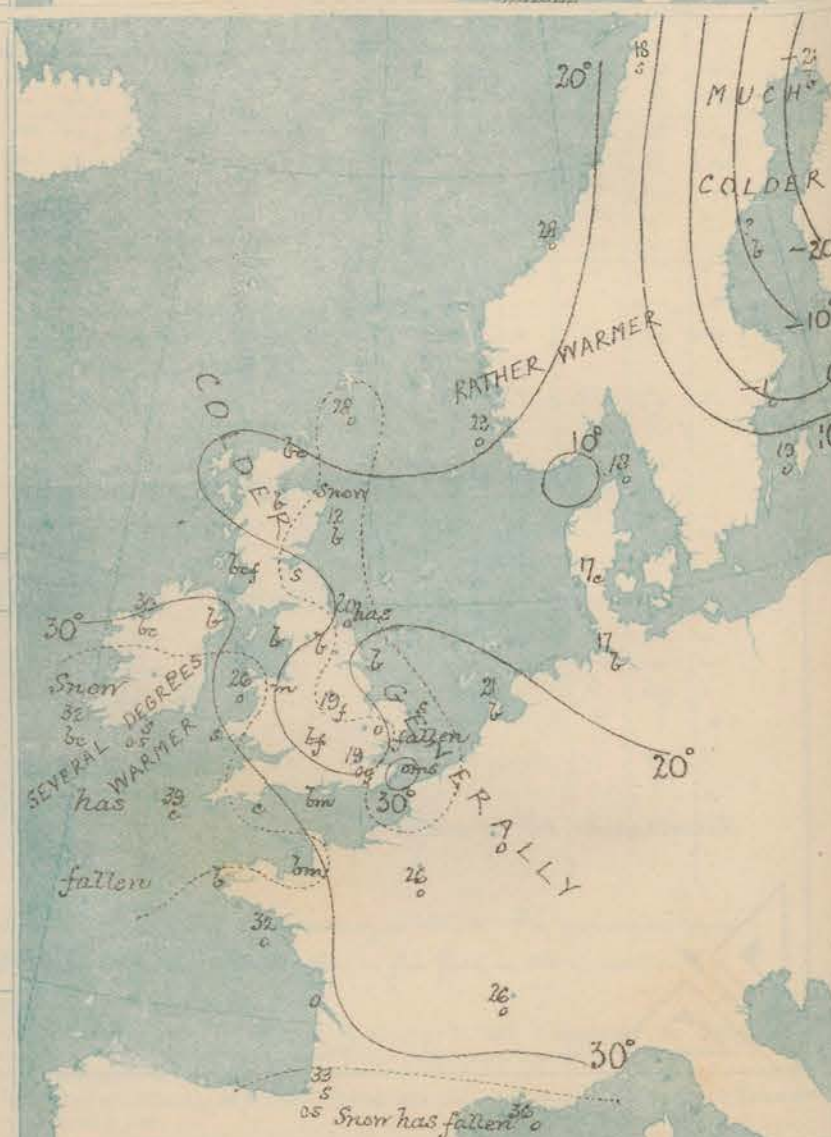
MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of January.

Stations	Temp	Rain-fall
Sunderbygh Head	39.0	0.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.23
Ilurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

* 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... FRIDAY, 14th JANUARY... 1881... at 8 a.m.

An increase of pressure has occurred since yesterday over the greater part of these Islands and France, but on the shores of the Bay of Biscay and on our south-west coasts as well as over Scandinavia the mercury has fallen, and small shallow depressions are shown, one near Bodø, the second near Valentia. An area of high pressure lies over St. Malo. Wind is rather light and variable over the eastern districts, while E^{ly} winds are reported from France and our south west and west coasts, and N^{ly} to W^{ly} winds over Scandinavia and Denmark. The weather varies a good deal but is generally fine and bright in the west and north, and dull in the south. Snow is falling at Roches P^{er}, Pembroke, Dover, Yarmouth and Leith, and fog is reported from several stations. Snow has fallen in several parts of the country, - rather heavily in south Ireland. Temperature has risen several degrees at our western and south western stations, and over Norway and Sweden, but elsewhere a brisk fall has taken place, and sharp frost prevails; readings range at present from 39° at Scilly to 12° at Oxford and Havre. The minima last night were 5° at Wick and Trair, 11° at Aberdeen and Oxford, 12° at Nottingham and Liverpool, 13° at Cambridge and 15° in London. In London the thermometer on the grass fell to 7°, and that on the snow to 3°. The sea is moderate to smooth except at Mullaghmore and Toulon.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon
on the

15th JANUARY.

ISSUED AT 11 a.m. on previous day.



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

Calm and light variable breezes;
cold, fair, frosty weather.

6 SCOTLAND
WEST

Same as Nos 0 and 1.

2 SCOTLAND
EAST

3° 3° 3°

7 ENGLAND
N.W.

Same as Nos 2 to 4.

3 ENGLAND
N.E.

Light or moderate breezes between NE
and NW; dull and foggy weather.
Still cold.

8 ENGLAND
S.W.

SE^{ly} to NE^{ly} winds, fresh; dull, with
snow.

4 ENGLAND
EAST

3° 3° 3°

9 IRELAND
NORTH

E^{ly} to NE^{ly} winds, light to fresh;
fair on the whole and colder.

5 MIDLAND
COUNTIES

3° 3° 3°

10 IRELAND
SOUTH

3° 3° 3°

6 ENGLAND
SOUTH

Light N^{ly} breezes; cold, foggy, frosty.

WARNINGS

None issued.

METEOROLOGICAL OBSERVATIONS FOR 14TH JANUARY 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.							PAST 24 HOURS.				
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.		Dir.	Force (0 to 12).			Max.	Min.	
Haparanda ...	29.53	-8	SW	2	o		29.54	00	-21	-21	-16	N	2	o	*	-4	-22	-
Hernösand ...	29.70	0	Z	0	o		29.54	-19	26	26	+3	Z	0	o	*	16	-8	-
Stockholm ...	29.79	-1	N	2	o		29.69	-20	-1	-1	+4	WSW	2	o	*	3	-6	-
Wisby ...	29.79	12	SE	2	o		29.74	-11	19	17	+10	NNE	2	o	*	19	3	-
Bodö ...	29.45	18	SE	2	o		29.39	-22	18	17	+3	NNE	4	o	*	25	-4	-
Christiansund ...	29.65	25	WSW	6	c		29.53	-23	28	27	+9	N	5	o	4	28	12	-
† Skudesnaes ...	29.86	16	NE	1	o		29.75	-05	23	22	+3	ESE	4	o	4	2	16	-
Oxö (Christiansund) ...	29.83	12	N	4	o		29.74	-04	18	8	-7	NNW	2	o	1	16	3	-
Skagen (The Skaw) ...	29.82	22	NE	3	o		29.76	-06	18	16	-1	WSW	3	o	1	22	14	-
Fanö ...	29.78	23	NE	1	s		29.87	+25	17	17	-4	Z	0	c	*	25	14	-
Cuxhaven ...	29.65	22	E	4	o		29.85	+34	17	15	-6	W	1	o	*	?	17	-
† Sumburgh Head ...	29.79	25	NNE	1	o		29.79	+04	28	27	+6	Z	0	o	2	28	20	0.04
† Stornoway ...																		
Wick ...	29.82	9	NNW	1	o		29.89	+18	19	18	+5	NNW	2	o	3	19	5	-
Nairn ...	29.75	10	Z	0	o		29.91	+11	12	10	-6	Z	0	o	1	20	5	-
† Aberdeen ...	29.79	20	Z	0	o		29.93	+18	12	12	-11	W	1	o	4	26	11	0.13
† Faith ...	29.77	29	N	1	o		29.98	+24	26	24	-2	W	1	o	*	32	23	0.03
† Shields ...	29.75	30	NNW	1	s		29.88	+24	30	20	-14	NNW	3	o	4	36	17	0.27
Spurn Head ...	29.67	32	NNE	4	o		29.85	+34	27	26	-6	NNW	3	o	4	35	26	-
York ...	29.73	24	N	1	o		29.89	+30	20	20	-10	N	1	f	*	32	18	-
Nottingham ...	29.74	23	NNW	2	o		29.91	+33	19	18	-10	N	1	f	*	32	12	0.01
† Ardrossan ...	29.74	24	ENE	1	o		29.93	+15	23	23	-3	Z	0	o	0	32	19	-
† Mullaghmore ...	29.69	32	SW	4	c		29.82	-02	30	30	+7	E	6	o	5	35	23	0.02
Donaghadee ...	29.75	26	NNW	3	o		29.87	+12	33	33	0	SE	4	o	2	35	19	-
Parsonstown ...	29.80	28	SE	1	o		29.80	-07	32	30	+15	NNE	1	o	*	33	15	?
Barrow-in-Furness ...	29.76	27	NNE	2	o		29.87	+22	23	22	-9	NE	2	o	2	37	22	-
† Holyhead ...	29.74	33	NNE	2	s		29.83	+29	26	26	-9	Z	0	o	0	36	25	0.16
Liverpool (Bidston) ...	29.73	29	NE	1	o		29.88	+27	19	18	-10	ESE	1	o	1	33	12	-
† Valentia ...	29.82	34	ENE	3	csp		29.64	-26	32	32	+5	NNE	1	o	2	41	25	0.18
Roche's Point ...	29.80	32	N	1	o		29.71	-11	35	35	+7	SW	4	o	4	37	28	0.45
Pembroke ...	29.71	32	N	2	s		29.76	+09	30	29	-2	ENE	4	o	2	34	27	0.32
† Scilly ...	29.77	39	NNW	6	c		29.73	+05	39	36	+4	E	5	o	3	39	32	0.21
Prawle Point ...	29.72	29	NNW	2	o		29.76	+17	33	31	+8	ENE	3	o	3	41	25	-
Hurst Castle ...	29.67	32	NNE	2	o		29.83	+27	24	24	+1	NE	3	o	2	34	22	-
† Dover ...	29.59	31	NNW	4	csp		29.82	+33	32	31	+6	N	2	cms	1	34	26	0.03
† London ...	29.66	30	NNW	2	o		29.86	+32	19	19	-5	Z	0	o	*	33	15	-
Oxford ...	29.74	26	NNW	2	o		29.88	+32	12	12	-18	NNW	1	o	*	32	11	-
Cambridge ...	29.64	26	NNW	1	o		29.85	+33	17	17	-12	NNW	1	o	*	33	13	0.01
† Yarmouth ...	29.88	32	NE	3	csh		29.84	+37	30	29	-2	ENE	3	o	4	33	28	0.22
The Helder ...	29.63	25	NE	3	o		29.86	+48	21	20	-9	E	1	o	1	30	21	-
Cape Gris Nez ...	29.87	33	NNW	5	o		29.79	+27	25	25	-4	ESE	1	o	2	36	25	0.28
† Jersey ...	29.72	35	NNW	3	c		29.80	+21	33	32	-2	ENE	2	o	2	37	31	0.06
Brest ...	29.79	37	NNE	3	c		29.73	+09	31	28	-8	E	3	o	3	45	?	-
Lorient ...	29.71	37	NE	4	o		29.70	+12	32	31	-3	ESE	4	o	4	39	30	-
† Rochefort ...	29.71	39	NNW	5	c		29.69	+08	31	30	-4	E	5	o	2	?	23	-
Biarritz ...	29.76	40	E	3	o		29.54	+07	33	30	-7	E	7	o	4	46	30	0.51
Corunna ...	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*
† Brussels ...	*	*	*	*	*		29.83	+37	18	18	-23	NE	1	o	*	?	18	0.04
Charleville ...	29.55	27	SW	1	o		29.77	+24	24	22	-2	SW	1	o	*	35	?	-
Paris ...	29.62	31	?	4	o		29.82	+24	26	25	-1	?	1	o	*	*	*	-
Lyons ...	29.63	30	SE	1	o		29.74	+16	26	24	-4	NNW	1	o	*	31	26	-
Toulon ...	29.49	42	W	5	o		29.36	+03	36	30	-8	NNW	8	o	7	48	36	0.04
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.45	23	ESE	2	o		28.60	+24	16	16	-11	E	2	o	*	28	11	-

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	29.81	19	18	ENE	2	o	Valentia ...	29.87	40	35	WSW	1	s	2
Sumburgh Head	29.75	28	25	Z	0	o	Scilly ...	29.72	39	35	NNE	6	csp	5
Stornoway ...							Dover ..	29.51	32	31	NW	3	o	1
Aberdeen ...	29.74	33	22	W	1	bm	London ...	29.55	33	?	NW	2	og	*
Shields ...	29.68	33	33	W	1	s	Yarmouth ...	29.49	33	32	N	3	og	4
Ardrossan ...	29.74	29	28	ENE	1	c	Jersey ...	29.65	34	33	NW	3	c	3
Mullaghmore ...	29.76	32	31	SW	4	c	Rochefort ...	29.64	39	36	Z	0	o	0
Holyhead ...	29.68	36	36	NNE	5	c								

There has been no great change since the morning, but a slight increase has occurred in the N., and a slight decrease in the E.
The weather is cloudy except in the extreme NE, and snow is falling at Shields, Valentia & Scilly.

EXPLANATION OF COLUMNS.

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

* 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 for insertion in Chart.



DAILY WEATHER REPORT

F O R

SATURDAY, 15TH JANUARY.

1881.

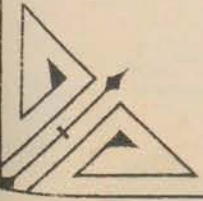
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ROBERT H. SCOTT

(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on Saturday 15th JANUARY 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 3 to 7; → forces 1 to 3;
 ○ dead calm.

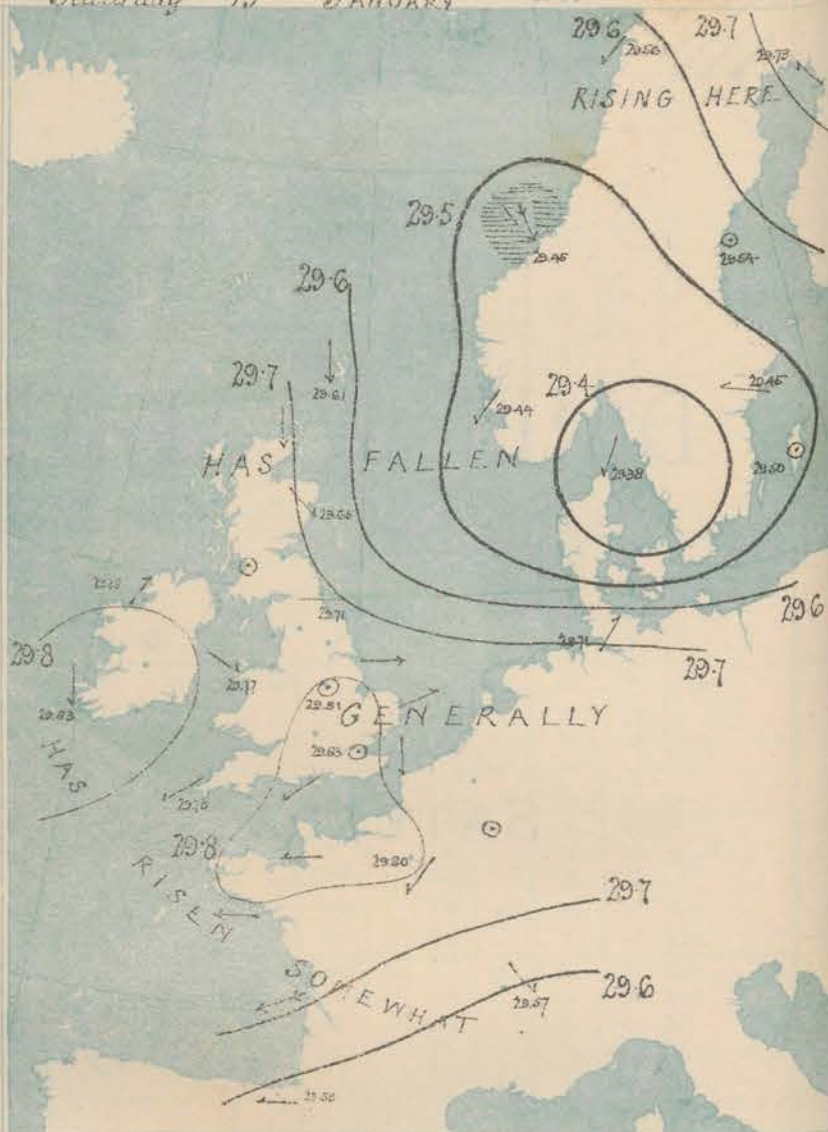
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

MEAN* HEIGHT of the BAROMETER

for the month of January.

Stations.	Mean Readings Ins.
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greenock	29.651
Holyhead	29.730
Valentia	29.727
Roch's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Vermouth	29.847

* These means are for the 10 years 1871-80. A more complete set of mean values is in course of preparation.



REMARKS

SATUR
for ~~THURSDAY~~ 15th JANUARY. 1881. at 8 a.m.

Since yesterday the depression noticed near Bodo has travelled in an almost due Sth direction, and is shown this morning over the Skager Rack. The mercury has fallen briskly over the south of Scandinavia and slightly over the greater part of these Islands, but in the south of Ireland and over France a slight rise has taken place. Two areas of rather high pressure are shown; one over the south of England and the Channel, and a second over Ireland. The wind is Nth to Wth on our east coast and the North Sea, and Eth over France, but is variable elsewhere; it blows freshly in north Scotland and over the Bay of Biscay. Temperature has risen several degrees in north Scotland and over Sweden, but has fallen elsewhere. Very sharp frost prevails over Central England, and readings range from 31° at Valentia to 4° at Nottingham and 7° at York. The minima last night were 2° at Nottingham, 3° at York, 9° at Oxford, 10° at Yarmouth, and 11° at Rain, Aberdeen, London and Cambridge. Weather is moderately fair in many parts of the country, but a good deal of fog and mist prevails over England. Snow has fallen in the north and west, the fall at Wick being exceedingly heavy. Sea is slight.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

16th JANUARY.

ISSUED AT 11 a.m. on previous day.

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	N th and NW th breezes, fresh and moderate; fine, cold.
2 SCOTLAND EAST	8° 8° 8°
3 ENGLAND N.E.	W th and NW th breezes, light, cloudy and foggy, with sharp frost.
4 ENGLAND EAST	8° 8° 8°
5 MIDLAND COUNTIES	Calm and variable air; cloudy and foggy. Sharp frost.
6 ENGLAND SOUTH	8° 8° 8°

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SW th to W th breezes, very light; fine.
7 ENGLAND N.W.	N th breezes, very light; fair, frosty.
8 ENGLAND S.W.	NE th winds, light; dull, cloudy.
9 IRELAND NORTH	Same as No. 6.
10 IRELAND SOUTH	N th and NE th winds, moderate; dull, frosty.
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 15th JANUARY. 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.			
			Dirce.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.	
Haparanda	29.57	-8	E	2	0	29.73	+ .19	6	6	+ .27	SE	2	0	*	7	-22	0.16	
Hernösand	29.54	-8	Z	0	0	29.54	00	0	0	- .6	Z	0	0	*	9	-11	-	
Stockholm	29.60	5	SW	2	0	29.45	- .24	12	12	+ .13	ESE	2	0	*	?	-4	-	
Wisby	29.63	22	W	2	0	29.50	- .24	20	19	+ .1	Z	0	0	*	23	1	-	
Bodö	29.43	10	NE	2	0	29.56	+ .17	9	8	- .9	NE	2	0	1	18	-13	-	
Christiansund	29.45	23	E	3	0	29.45	- .08	22	21	- .6	NNW	9	0	5	?	10	0.04	
†Skudesnaes	29.49	28	E	4	0	29.44	- .31	21	21	- .2	NE	2	0	3	28	?	-	
Oxö (Xtiansund)	29.49	22	NNW	3	0	29.40	- .34	16	13	+ .8	N	2	0	2	22	?	-	
Skagen (The Skaw)	29.55	25	W	6	0	29.38	- .38	25	23	+ .7	NNE	3	0	3	28	?	0.12	
Fanö														*				
Cuxhaven	29.88	23	WSW	1	0	29.71	- .14	18	18	+ .1	SW	2	0	*	23	14	-	
†Sumburgh Head	29.64	26	N	5	0	29.61	- .18	25	21	- .3	N	5	0	4	31	22	0.05	
†Stornoway																		
Wick	29.85	28	N	4	0	29.70	- .19	27	26	+ .8	N	5	0	3	30	16	0.75	
Nairn	29.78	25	W	2	0	29.72	- .19	23	22	+ .11	Z	0	0	1	26	11	0.08	
†Aberdeen	29.74	23	W	2	0	29.65	- .28	26	26	+ .14	NNW	4	0	3	28	11	0.13	
Leith	29.82	29	W	1	0	29.73	- .25	22	21	+ .6	W	1	0	*	31	20	0.04	
†Shields	29.85	24	NNW	2	0	29.71	- .17	22	22	+ .2	W	3	0	3	27	15	0.04	
Spurn Head	29.87	28	SW	4	0	29.71	- .14	24	23	- .3	W	5	0	4	36	22	0.01	
York	29.85	19	NNW	1	0	29.75	- .14	7	7	- .13	NE	1	0	*	21	3	-	
Nottingham	29.88	18	Z	0	0	29.81	- .10	4	4	- .15	Z	0	0	*	22	2	-	
†Ardrossan	29.88	25	E	1	0	29.74	- .19	22	22	- .1	ESE	1	0	0	31	18	-	
†Mullaghmore	29.90	31	NE	4	0	29.78	- .04	28	28	- .2	SW	4	0	3	33	14	-	
Donaghadee	29.88	24	NNW	2	0	29.74	- .13	26	26	- .7	NNW	2	0	0	34	20	0.01	
Parsonstown	29.98	24	N	1	0	29.87	+ .07	20	20	- .12	S	1	0	*	32	16	-	
Barrow-in-Furness	29.89	25	N	2	0	29.77	- .10	28	23	0	NE	2	0	2	34	19	-	
†Holyhead	29.86	28	Z	0	0	29.77	- .06	33	30	+ .7	NNW	2	0	0	33	24	-	
Liverpool (Bidston)	29.87	25	SE	1	0	29.78	- .10	16	15	- .3	S	1	0	1	28	16	-	
†Valentia	29.77	38	ENE	4	0	29.83	+ .19	31	29	- .1	N	2	0	2	39	30	0.12	
Roche's Point	29.79	35	ESE	5	0	29.83	+ .12	27	27	- .8	NNE	3	0	4	39	26	0.18	
Pembroke	29.80	29	N	3	0	29.79	+ .03	26	25	- .4	ENE	1	0	1	30	19	-	
†Scilly	29.74	40	ENE	6	0	29.78	+ .05	37	35	- .2	ENE	2	0	2	42	35	-	
Prawle Point	29.78	32	ENE	4	0	29.79	+ .03	25	25	- .8	N	3	0	2	39	24	-	
Hurst Castle	29.82	27	ENE	4	0	29.82	- .01	20	20	- .4	ENE	3	0	2	32	19	-	
†Dover	29.81	30	NE	2	0	29.79	- .03	23	21	- .9	N	2	0	1	33	22	0.08	
†London	29.84	22	ENE	2	0	29.83	- .03	12	12	- .7	W	1	0	*	26	11	-	
Oxford	29.88	18	NNW	1	0	29.82	- .06	10	10	- .2	SW	1	0	*	30	9	-	
Cambridge	29.86	21	N	1	0	29.85	00	11	10	- .6	SW	1	0	*	24	11	-	
†Yarmouth	29.83	27	Z	0	0	29.76	- .08	11	11	- .19	WSW	2	0	3	31	10	0.08	
The Helder																		
Cape Gris Nez	29.79	17	E	4	0	29.78	- .01	20	20	- .5	S	1	0	1	26	10	-	
†Jersey	29.78	32	E	3	0	29.82	+ .02	28	26	- .5	E	2	0	2	37	28	-	
Brest	29.73	32	E	3	0	29.81	+ .08	28	27	- .3	E	4	0	3	39	29	-	
Lorient	29.68	33	E	7	0	29.75	+ .05	25	24	- .7	E	5	0	3	36	25	-	
†Rochefort	29.56	31	E	8	0	29.71	+ .02	24	23	- .7	ENE	8	0	2	43	14	-	
Biarritz	29.38	33	ENE	7	0	29.59	+ .05	30	28	- .3	E	4	0	3	39	25	-	
Corunna	*	*	*	*	*			*						*	*	*	*	
Brussels	*	*	*	*	*			*						*	*	*	*	
Charleville	29.71	22	E	1	0	29.73	- .04	16	14	- .8	E	1	0	*	30	?	-	
Paris	29.78	26	NNE	4	0	29.80	- .02	18	14	- .8	NE	4	0	*	*	*	-	
Lyons	29.47	27	NNW	7	0	29.57	- .17	21	19	- .5	NNW	4	0	*	29	2	-	
Toulon																		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.58	19	E	1	0	28.45	- .15	20	20	+ .4	SW	2	0	*	23	11	-	

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

Hawes Junction	28.58	19	E	1	0	28.45	- .15	20	20	+ .4	SSW	2	0	0	*	23	11	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	29.60	28	28	E	4	5	Valentia ...	29.70	35	35	E	4	om	5
Sumburgh Head ...	29.69	29	27	N	3	0	Scilly ...	29.71	41	39	ESE	6	c	4
Stornoway ...							Dover ..	29.79	32	32	ESE	2	bcsp	1
Aberdeen ...	29.83	19	18	WSW	1	0	London ...	29.82	26	26	Z	0	ogf	*
Shields ...	29.87	27	26	NNW	2	0	Yarmouth ...	29.84	31	30	Z	0	0	3
Ardrossan ...	29.91	29	28	Z	0	0	Jersey ...	29.74	36	33	E	2	0	2
Mullaghmore ...	29.90	32	30	E	5	0	Rocheport ...	29.56	33	30	E	7	0	2
Holyhead... ..	29.86	31	30	SW	2	0								

Pressure is giving way in the N. but elsewhere there has been little change. An area of high readings still lies over us, and very sharp frost prevails in all the E-districts. The weather is rather cloudy.

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, 16TH JANUARY.

1881.



ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on SUNDAY 16TH JANUARY 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.

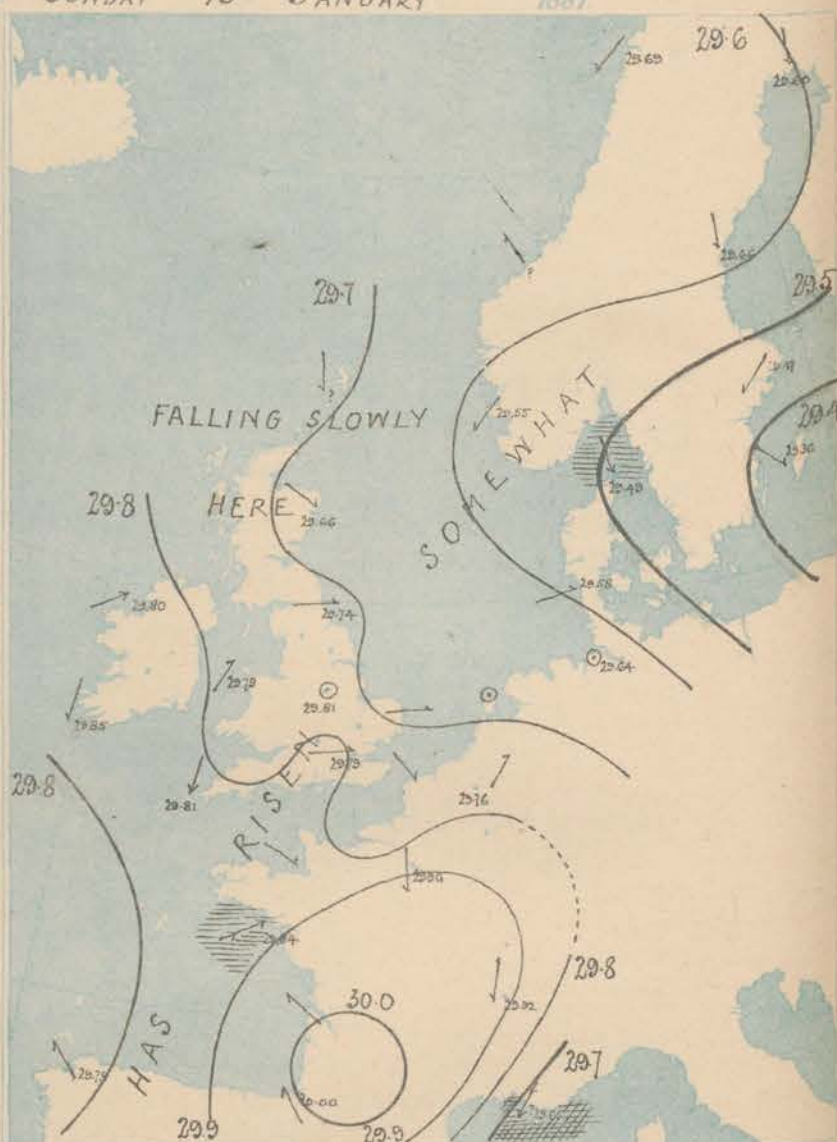
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force thus:
→ force above 10; →→ force 8 to 10
↘ force 5 to 7; ↘↘ force 3 to 4.
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of January

Stations	Mean Readings
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Adrossan	29.678
Greenacres	29.671
Holyhead	29.730
Valentia	29.722
Beeches P.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

* 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.

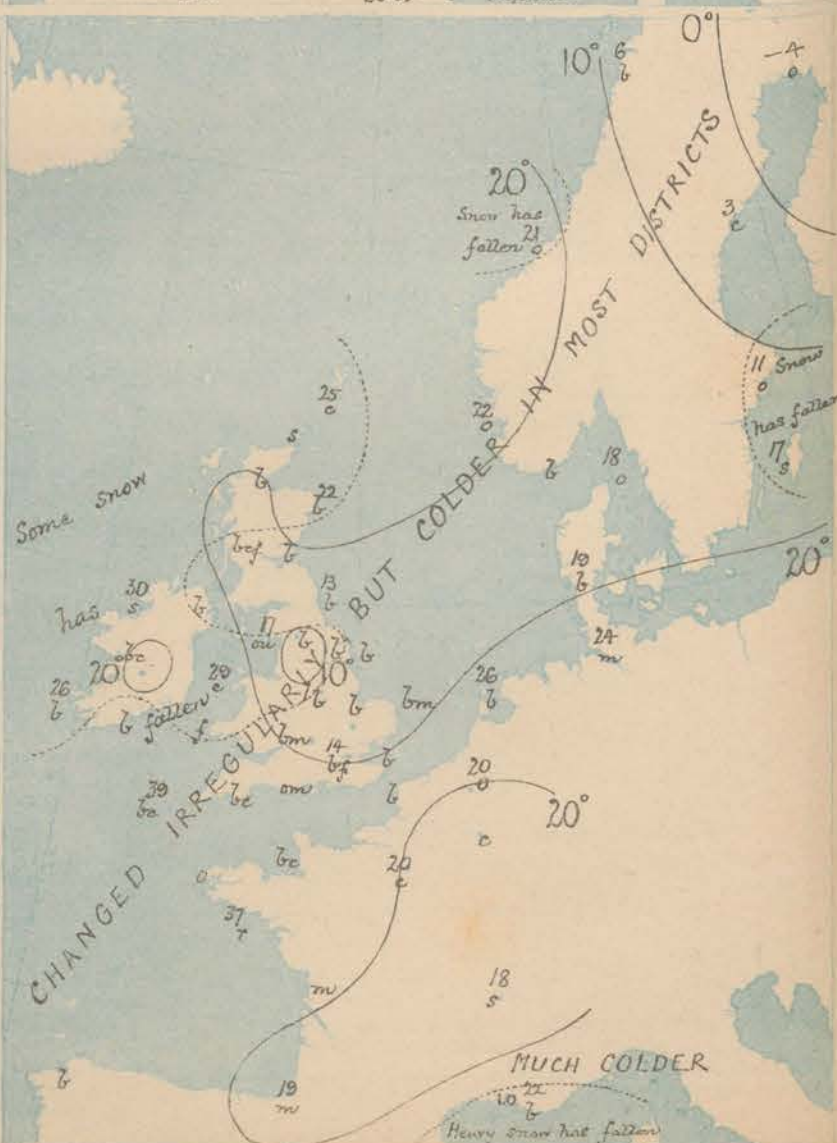
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of January.

Stations	Temp	Rain-fall
Sandburgh Head	39.0	3.00
Sornesway	39.3	5.73
Aberdeen	37.0	2.76
Shetls	37.5	1.98
York	37.7	1.89
Maltingmore	40.4	?
Holyhead	41.3	4.37
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

* The mean Temperatures are those for the 23 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SUNDAY 16th JAN^y 1881 at 8 a m

The depressions which lay over the Sea and the south east of France yesterday morning have both travelled away E^w, and the barometer has risen over Norway, Denmark and France, but in our Islands there has been very little change. The chart of this morning shows that pressure is highest in the south west of France, and lowest over the Baltic, but in our Islands there appear to be two or three small shallow depressions, and the distribution is therefore somewhat irregular. The winds are for the most part N^h or NW^h, but in some districts very variable breezes are reported. Intense frost still prevails over the whole of North Western Europe, the lowest readings registered in the United Kingdom at 8 a m being 7° at Nottingham, 10° at Liverpool, 11° at Parsonstown, 12° at York, Cambridge and Yarmouth and 14° at Oxford and in London. The minima in the past 24 hours were 6° at Nottingham, 8° at York, 10° at Yarmouth and Liverpool, and 11° at Parsonstown, London and Cambridge. The weather is fine generally, but fog or mist prevails at some of the English stations. A further fall of snow occurred in our northern and northwestern districts yesterday, the amount at Wick being very large. The sea is moderate or smooth on our coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

ISSUED AT 11 a m on previous day

DISTRICTS

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

FORECASTS

NONE ISSUED

DISTRICTS

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

FORECASTS

NONE ISSUED

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR 16th JANUARY 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 ...	29.75	79	N	2	o	29.60	- 13	- 4	- 4	- 10	N	4	o	*	7	2	-		
Hernösand ...	29.55	11	Z	o	z	29.66	+ 12	3	3	+ 3	N	2	o	*	16	- 13	-		
Stockholm ...	29.26	21	E	6	s	29.47	+ 02	11	10	- 1	NE	2	o	*	23	5	0.28		
Wisby ...	29.29	26	NNW	4	c	29.36	- 14	17	16	- 3	NNW	2	s	*	28	10	0.16		
Bodö ...	29.64	8	E	2	b	29.69	+ 13	6	5	- 3	NE	4	b	3	9	3	-		
Christiansund ...	29.51	18	ESE	1	b	?	?	21	20	- 1	SSE	3	o	4	22	9	0.20		
†Skudesnaes ...	29.57	20	ENE	2	b	29.55	+ 11	22	21	+ 1	ENE	4	o	3	?	19	-		
Oxö (Xiänsund) ...	29.45	18	NNW	4	b	29.53	+ 13	15	13	- 1	NNW	2	b	2	19	12	-		
Skagen (The Skaw) ...	29.41	24	N	4	o	29.49	+ 11	18	16	- 7	NNW	6	o	5	25	18	0.16		
Fanö ...	29.49	18	NNW	1	b	29.58	+ 13	19	17	- 14	NNW	1	b	*	32	10	0.16		
Cuxhaven ...	29.62	20	SW	6	s	29.64	- 07	24	24	+ 6	Z	o	m	*	27	?	-		
†Sumburgh Head ...	29.63	27	N	4	o	? 29.67	+ 06	25	23	o	N	4	o	4	29	21	0.08		
†Stornoway ...																			
Wick ...	29.71	27	N	4	s	29.63	- 07	23	23	- 4	N	3	s	3	28	15	0.40		
Nairn ...	29.72	25	Z	o	o	29.67	- 05	20	19	- 3	NNW	2	b	2	27	20	0.10		
†Aberdeen ...	29.67	25	NNW	3	b	29.66	+ 01	22	21	- 4	NNW	2	b	3	29	18	0.22		
Leith ...	29.72	24	N	1	b	29.71	- 02	20	19	- 2	N	1	b	*	29	17	-		
†Shields ...	29.67	22	NNW	3	b	29.74	+ 03	13	13	- 9	N	3	b	3	24	13	-		
Spurn Head ...	29.65	28	NNW	5	b	29.69	- 02	24	24	o	NNW	5	b	4	32	22	-		
York ...	29.62	14	NNW	1	b	29.75	+ 00	12	12	+ 5	NNW	1	b	*	18	?	0.02		
Nottingham ...	29.71	25	WSW	1	o	29.81	+ 00	7	7	+ 3	Z	o	b	*	25	4	0.01		
†Ardrossan ...	29.76	26	NE	2	b	29.75	+ 01	17	17	- 5	ESE	2	b	1	32	15	-		
†Mullaghmore ...	29.82	26	SW	1	f	29.82	+ 02	20	20	+ 2	WSW	5	os	4	27	23	0.02		
Donaghadee ...	29.76	30	N	4	o	29.77	+ 03	23	23	- 3	NNW	3	b	1	35	22	-		
Parsonstown ...	29.85	23	NNW	1	m	29.90	+ 03	11	10	- 9	Z	o	b	*	24	11	-		
Barrow-in-Furness ...	29.76	21	NE	2	b	29.79	+ 02	17	16	- 6	NE	3	ow	2	27	15	0.08		
†Holyhead ...	29.74	24	NNE	3	o	29.79	+ 02	29	29	- 4	SW	2	o	1	34	28	0.08		
Liverpool (Bidston) ...	29.73	26	N	1	b	29.79	+ 01	20	10	- 6	SSE	1	m	1	32	10	0.01		
†Valentia ...	29.82	31	NNE	1	b	29.85	+ 02	26	26	- 5	NNE	1	b	1	43	26	0.02		
Roche's Point ...	29.83	29	NNE	3	b	29.85	+ 02	24	24	- 3	N	3	b	4	30	23	-		
Pembroke ...	?	36	NNW	3	b	29.79	+ 00	30	29	+ 4	ENE	1	f	o	36	24	0.07		
†Scilly ...	29.79	32	NNE	3	b	29.81	+ 03	39	35	+ 2	NNE	5	b	4	40	35	-		
Prawle Point ...	29.79	28	NNW	2	b	29.82	+ 03	28	28	+ 6	NNW	2	b	3	40	25	-		
Hurst Castle ...	29.79	26	N	1	b	29.82	+ 00	21	21	+ 1	NE	2	om	2	32	20	-		
†Dover ...	29.75	23	NNW	2	b	29.77	- 02	25	23	+ 2	NNW	3	b	1	28	23	-		
†London ...	29.75	18	NNW	1	f	29.79	- 04	14	-	+ 2	N	1	b	*	26	11	-		
Oxford ...	29.73	22	SW	3	c	29.81	- 01	14	14	+ 4	N	1	b	*	26	14	-		
Cambridge ...	29.70	23	SW	1	o	29.77	- 02	12	12	+ 1	NNW	1	b	*	29	11	0.01		
†Yarmouth ...	29.65	20	WSW	1	b	29.70	- 06	12	12	+ 1	N	3	b	3	22	10	-		
The Helder ...	29.68	31	N	2	s	29.62	- 11	26	26	+ 13	E	2	b	1	32	12	?		
Cape Gris Nez ...	29.73	28	NNW	4	m	29.75	- 03	29	29	+ 9	NNW	4	b	3	30	19	-		
†Jersey ...	29.83	32	WSW	2	b	29.85	+ 02	32	32	+ 6	NNW	2	b	2	26	28	0.15		
Brest ...	29.85	36	SSW	3	o	29.82	+ 01	32	30	+ 4	NE	3	o	2	39	25	0.08		
Lorient ...	29.80	30	E	1	b	29.74	+ 09	37	36	+ 12	WSW	8	f	5	?	23	0.08		
†Rochefort ...	29.78	25	NE	4	b	29.98	+ 27	?	19	?	SE	4	m	2	43	16	-		
Biarritz ...	29.73	29	E	3	c	30.00	+ 41	?	19	?	SE	?	?	3	32	18	-		
Corunna ...	*	*	*	*	*	29.79	?	?	*	?	SE	1	b	1	*	*	*		
Brussels ...	*	*	*	*	*	29.76	- 05	20	19	+ 17	SW	3	o	*	?	?	-		
Charleville ...	29.75	10	E	1	b	29.81	+ 08	9	?	- 7	SE	1	c	*	28	5	-		
Paris ...	29.81	18	N	4	b	29.90	+ 10	20	18	+ 2	N	2	c	*	*	*	-		
Lyons ...	29.69	23	N	3	o	29.92	+ 35	18	16	- 3	N	2	s	*	24	?	-		
Toulon ...	29.51	33	N	7	s	? 29.65	+ 27	22	?	- 15	NNE	6	b	7	?	21	0.95		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.44	17	ENE	2	b	28.47	+ 02	10	10	- 10	NNW	2	b	*	22	6	-		

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

	Bar.	Dry.	Wet.	Wind.		Wet.	Sea.		Bar.	Dry.	Wet.	Wind.		Wet.	Sea.
Skudesnaes	29.53	22	20	NNE	4	b	3	Valentia	29.83	40	35	2	o	b	1
Sumburgh Head	29.64	26	23	N	4	o	4	Scilly	29.80	29	35	N	1	o	3
Stornoway	...							Dover	29.75	27	26	NNW	2	b	1
Aberdeen	29.67	26	26	NNW	3	s	3	London	29.76	26	—	NNW	1	b	*
Shields	29.68	24	24	NNW	3	b	3	Yarmouth	29.71	22	22	WSW	2	b	3
Ardrossan	29.77	31	30	NE	2	b	1	Jersey	29.85	35	29	SW	1	b	1
Mullaghmore	29.82	34	32	NNE	1	b	2	Rochefort	29.74	30	26	NE	5	b	2
Holyhead	29.74	34	32	NT	5	c	4								

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. dai., 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, 17TH JANUARY.

1881.

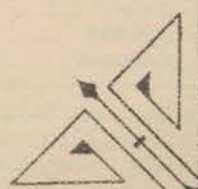
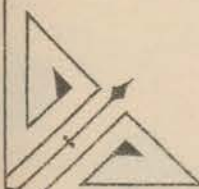
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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Monday 17th JANUARY 1887

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isolines 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.

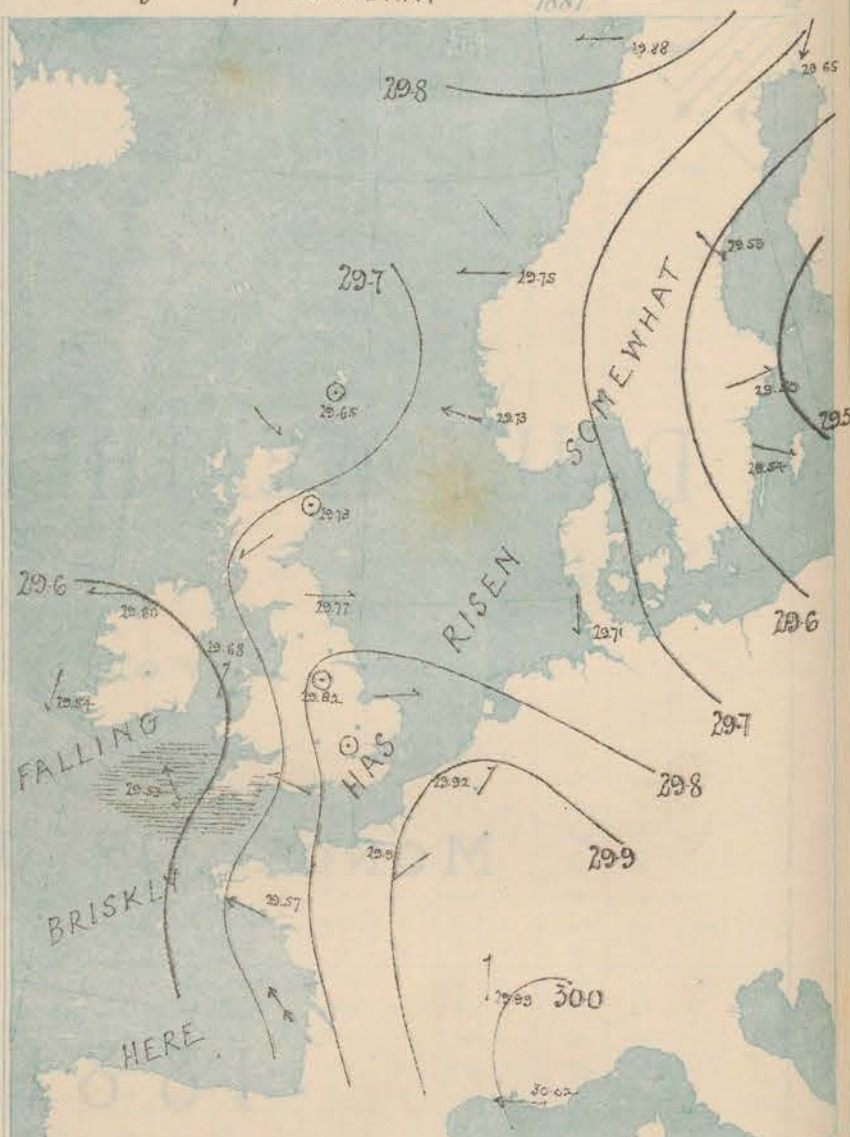
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of January.

Stations.	Mean Readings.
	Inch.
Norwich	29.584
Aberdeen	29.677
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greenacres	29.654
Holyhead	29.730
Valentia	29.771
Kiche's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

* 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.

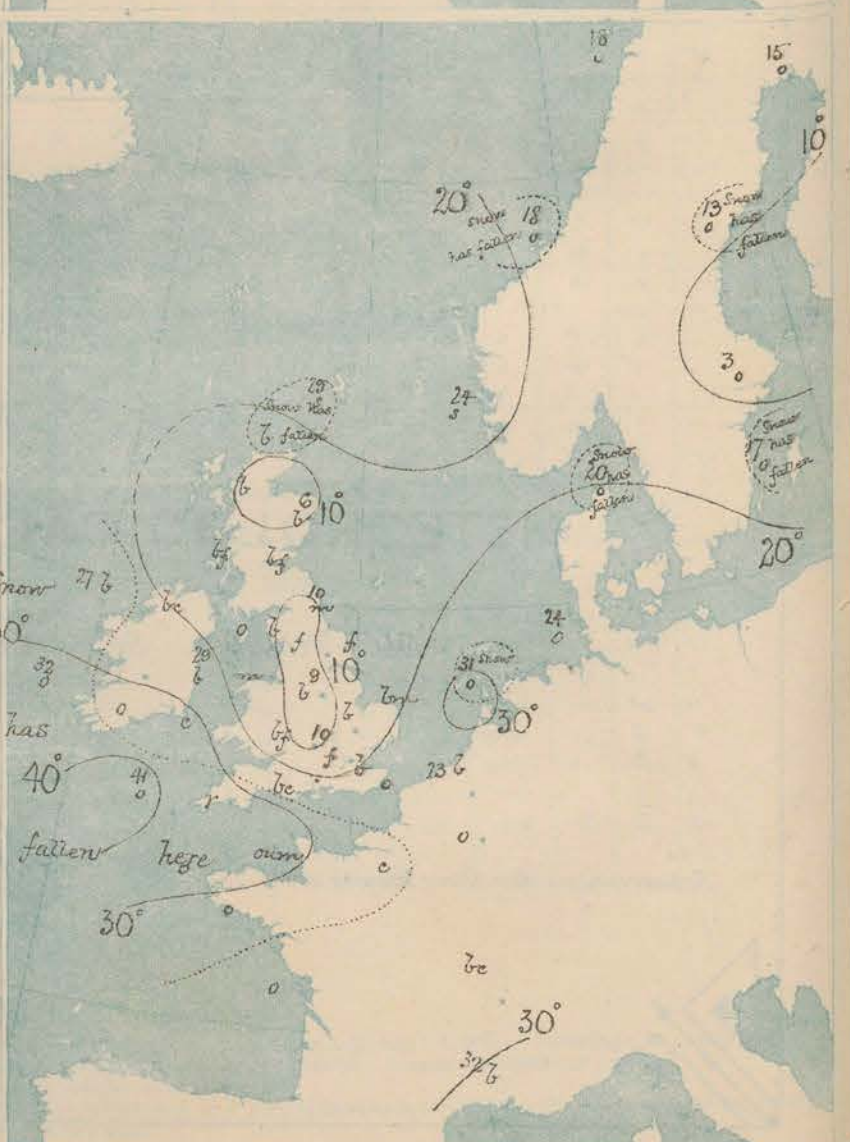
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of January.

Stations.	Temp.	Rain-fall.
	°	inch.
Sundburgh Head	39.0	3.00
Sierneway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullingimere	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.66
LONDON	38.8	2.63
Yarmouth	37.3	2.64

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



REMARKS

for MONDAY 17TH JANUARY 1881 at 8 a.m.

A considerable change appears to be now in progress over these Islands - An increase of pressure has occurred over Scandinavia and the north of Scotland, but elsewhere the barometer is falling, and depressions are shown, - one over the Bay of Biscay, and a second over our western coasts. An area of high readings lies over France, and extends N^W as far as the south-east of England. Very light variable breezes prevail over the greater part of France and nearly the whole of S^E Britain, but in the west of France, the west of England and over Ireland SE⁴ to E⁴ winds prevail; over the Bay of Biscay they blow freshly.

A considerable rise of temperature has occurred in the west and south west, as well as in some parts of France, but elsewhere a further decrease has taken place, and the frost continues very intense; readings range from 41° at Seilly to 6° at Aberdeen. The minima last night were exceptionally low, the readings being 5° at Aberdeen, 7° at Nottingham, 8° at Linn and York, and 9° at Leith, Shields and in London. The weather is moderately fine in most parts of the country, but dense fog prevails in London, and much fog in the south west. The sea is rough in the south west.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the

18TH JANUARY.

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



DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Very light breezes; fair, exceedingly cold, some fog.	6 SCOTLAND WEST	E ⁴ winds, light; exceedingly cold, foggy.
2 SCOTLAND EAST	3° 3° 3°	7 ENGLAND N.W.	SE ⁴ breezes, moderate; cloudy, turning milder.
3 ENGLAND N.E.	3° 3° 3°	8 ENGLAND S.W.	SE ⁴ and S ⁴ breezes, fresh; cloudy, milder.
4 ENGLAND EAST	Calms to light SE ⁴ or S ⁴ breezes; weather gradually becoming milder, fog in places.	9 IRELAND NORTH	E ⁴ (SE to NE) breezes, moderate; cloudy and cold, but turning a little milder.
5 MIDLAND COUNTIES	3° 3° 3°	10 IRELAND SOUTH	3° 3° 3°
6 ENGLAND SOUTH	3° 3° 3°	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 17th JANUARY 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 ...	29.43	15	N	4	0	29.65	+ .05	15	15	+ 19	NNE	6	0	*	16	-4	—	
Hernösand ...	29.49	7	N	6	0	29.59	— .07	13	12	+ 10	N	4	0	*	16	2	0.16	
Stockholm ...	29.56	0	SW	2	0	29.50	+ .03	3	3	— 8	W	4	0	*	31	0	—	
Wisby ...	29.48	21	NNW	4	5	29.54	+ .18	7	15	0	NNW	4	0	*	23	12	0.24	
Bodö ...	29.80	11	NE	2	0	29.88	+ .19	18	16	+ 12	E	2	0	1	18	2	—	
Christiansund...	29.58	20	SE	4	0	29.75	+ .26	18	17	— 3	E	3	0	3	21	17	0.04	
†Skudesnaes ...	29.71	21	E	4	0	29.73	+ .18	24	23	+ 2	ESE	6	5	4	2	21	—	
Öxö (Christiansund) ...	29.71	17	N	6	0	29.72	+ .19	12	12	— 3	NNW	2	0	1	16	10	—	
Skagen (The Skaw)	29.74	16	Z	0	0	29.71	+ .22	20	18	+ 2	NNW	3	0	0	?	12	0.04	
Fanö ...														*				
Cuxhaven ...	29.75	20	SW	3	5	29.71	+ .07	24	24	0	N	4	0	*	25	14	—	
†Sumburgh Head ...	29.60	23	N	1	0	29.65	— .02	29	29	+ 4	Z	0	0	2	31	20	0.03	
†Stornoway ...																		
Wick ...	29.65	23	N	2	0	29.69	+ .04	11		— 12	NNW	4	0	3	27	10	0.03	
Nairn ...	29.67	23	W	2	0	29.66	— .01	8	7	— 12	Z	0	0	0	28	8	—	
†Aberdeen ...	29.67	22	NNW	1	0	29.73	+ .07	6	6	— 16	NNW	1	0	2	26	5	—	
Leith ...	29.73	22	W	1	0	29.72	+ .01	12	12	— 8	W	1	0	3	27	9	—	
†Shields ...	29.73	21	NNW	3	0	29.77	+ .03	10	10	— 3	SE	2	0	3	24	9	—	
Spurn Head ...	29.75	27	W	4	0	29.78	+ .09	20	20	— 4	WSW	3	0	3	38	28	—	
York ...	29.76	18	NNW	1	0	29.79	+ .04	10	10	— 2	Z	0	0	*	28	8	0.01	
Nottingham ...	29.82	18	Z	0	0	29.82	+ .01	9	9	+ 2	Z	0	0	*	24	7	—	
†Ardrossan ...	29.73	24	Z	0	0	29.71	— .04	17	17	0	ENE	1	0	1	29	5	—	
†Mullaghmore ...	29.75	28	SW	4	0	29.60	— .20	27	26	— 3	E	4	0	2	32	23	0.05	
Donaghadee ...	29.75	20	NNW	2	0	29.66	— .11	18	18	— 5	W	2	0	0	28	14	—	
Parsonstown ...	29.83	16	SW	1	0	29.62	— .28	22	22	+ 11	Z	0	0	*	23	11	—	
Barrow-in-Furness	29.77	22	NE	2	0	29.76	— .03	18	18	+ 1	NE	2	0	2	24	16	0.11	
†Holyhead ...	29.79	33	W	2	0	29.68	— .16	29	29	0	SSW	3	0	2	34	26	—	
Liverpool (Bidston)	29.78	29	SW	2	0	29.74	— .05	19	19	+ 9	ESE	3	0	1	29	10	0.10	
†Valentia ...	29.79	30	Z	0	0	29.54	— .31	32	31	+ 6	NNE	1	0	2	41	26	—	
Roche's Point ...	29.82	29	N	3	0	29.57	— .28	33	32	+ 9	ENE	4	0	4	35	24	0.22	
Pembroke ...	29.81	30	E	1	0	29.57	— .22	37	34	+ 7	ESE	5	0	4	38	23	—	
†Scilly ...	29.83	39	Z	0	0	29.53	— .28	41	40	+ 2	SE	5	0	5	44	36	0.14	
Prawle Point ...	29.85	30	N	2	0	29.66	— .16	36	35	+ 8	ESE	5	0	5	43	26	0.02	
Hurst Castle ...	29.88	28	Z	0	0	29.76	— .06	28	28	+ 7	ESE	2	0	1	33	20	—	
†Dover ...	29.85	25	NNW	2	0	29.83	+ .06	20	19	— 5	S	3	0	2	29	20	—	
†London ...	29.85	19	W	1	0	29.82	+ .04	10	?	— 4	Z	0	0	*	29	9	—	
Oxford ...	29.85	22	WSW	1	0	29.80	— .01	10	10	— 4	Z	0	0	*	28	10	—	
Cambridge ...	29.81	21	SW	1	0	29.82	+ .05	11	10	— 1	SW	1	0	*	29	11	—	
†Yarmouth ...	29.77	18	NNW	2	0	29.82	+ .12	15	15	+ 3	W	2	0	3	24	12	—	
The Helder ...	29.73	16	SSE	1	5	29.78	+ .16	31	30	+ 5	W	2	0	2	32	14	0.08	
Cape Gris Nez ...	29.88	30	W	1	0	29.84	+ .09	21	21	— 8	S	3	0	1	32	21	—	
†Jersey ...	29.90	33	Z	0	0	29.76	— .09	33	32	— 1	SSE	3	0	3	41	3	0.09	
Brest ...	29.86	37	S	4	0	29.68	— .14	35	34	+ 3	SE	5	0	4	39	32	0.08	
Lorient ...	29.86	35	SSW	1	0	29.57	— .27	28	27	— 9	ESE	1	0	3	37	28	0.18	
†Rochefort ...	30.00	30	S	5	0	29.71	— .27	27	26	?	SE	7	0	2	37	18	—	
Biarritz ...																		
Cornwall ...	*	*	*	*	*					*					*	*	*	
Brussels ...	*	*	*	*	*	29.91	+ .15	23	23	+ 3	SW	1	0	*	37	?	—	
Charleville ...	29.89	22	S	1	0	29.92	+ .11	23	22		S	1	0	*	?	?	—	
Paris ...	29.97	27	S	4	5	29.91	+ .01	25	22	+ 5	ENE	3	0	*	*	*	0.12	
Lyons ...	30.07	20	NNW	1	0	29.99	+ .07	?	?	?	S	1	0	3	?	?	—	
Toulon ...	29.88	23	N	8	0	30.02	— .20	32	27	+ 10	E	5	0	4	32	21	—	

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

Hawes Junction	29.47	19	SW	2	0	29.47	— .02	7	7	— 3	SSW	1	0	*	24	5	—
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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 ...	29.65	22	19	E	4	0	3	Valentia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...								Dover ..							
Aberdeen ...								London ...					*		
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	30.00	32	29	S	5	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, 18TH JANUARY.

1881.



ISSUED BY THE

METEOROLOGICAL OFFICE

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S. W.

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ROBERT H. SCOTT

(SECRETARY.)

Printed by Dennerfeld, 11, St. John's Street, London.

WEATHER CHARTS

for 8 a.m. on Tuesday 18th JANUARY 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 backs and feathers refer to force, thus:

→ force above 10, → force 8 to 10, → force 5 to 7, → force 1 to 4.

☉ dead calm.

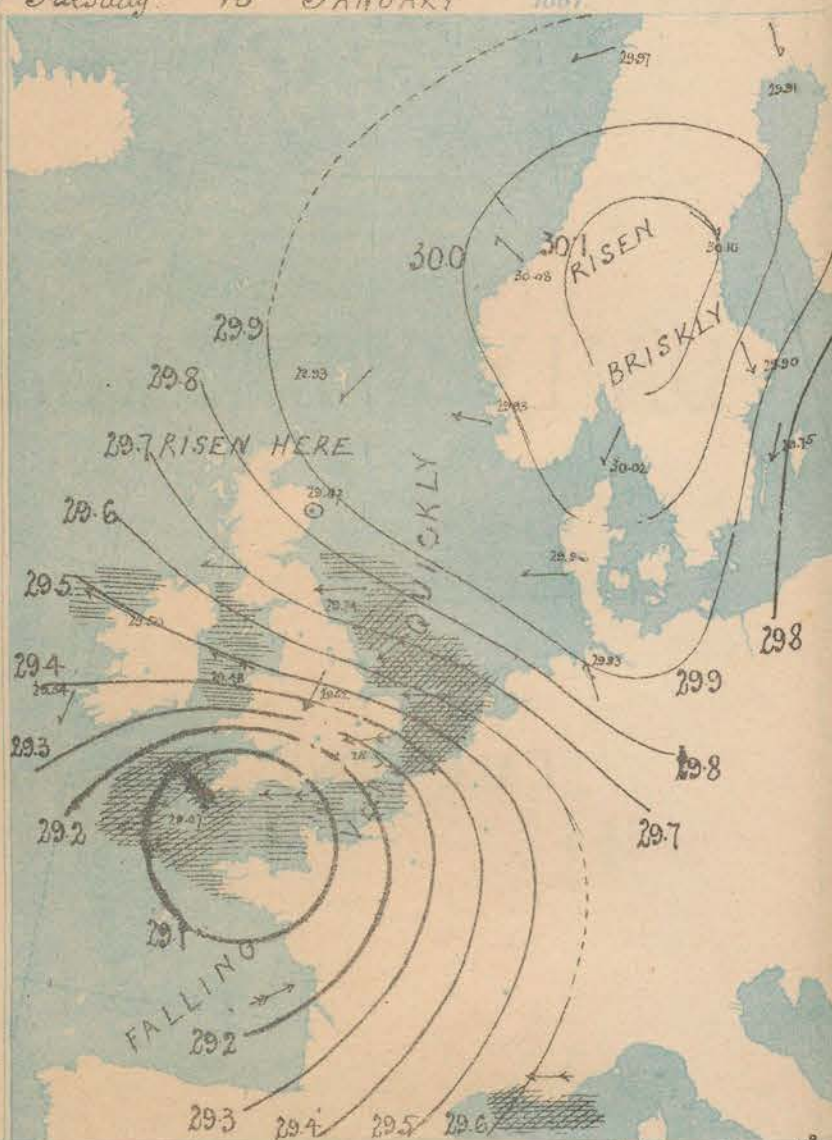
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough: High

MEAN* HEIGHT of the BAROMETER

for the month of January.

Stations	Mean Readings
	Inch
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greenock	29.651
Holyhead	29.730
Valentia	29.721
Rock's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Bournemouth	29.847

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

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

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

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

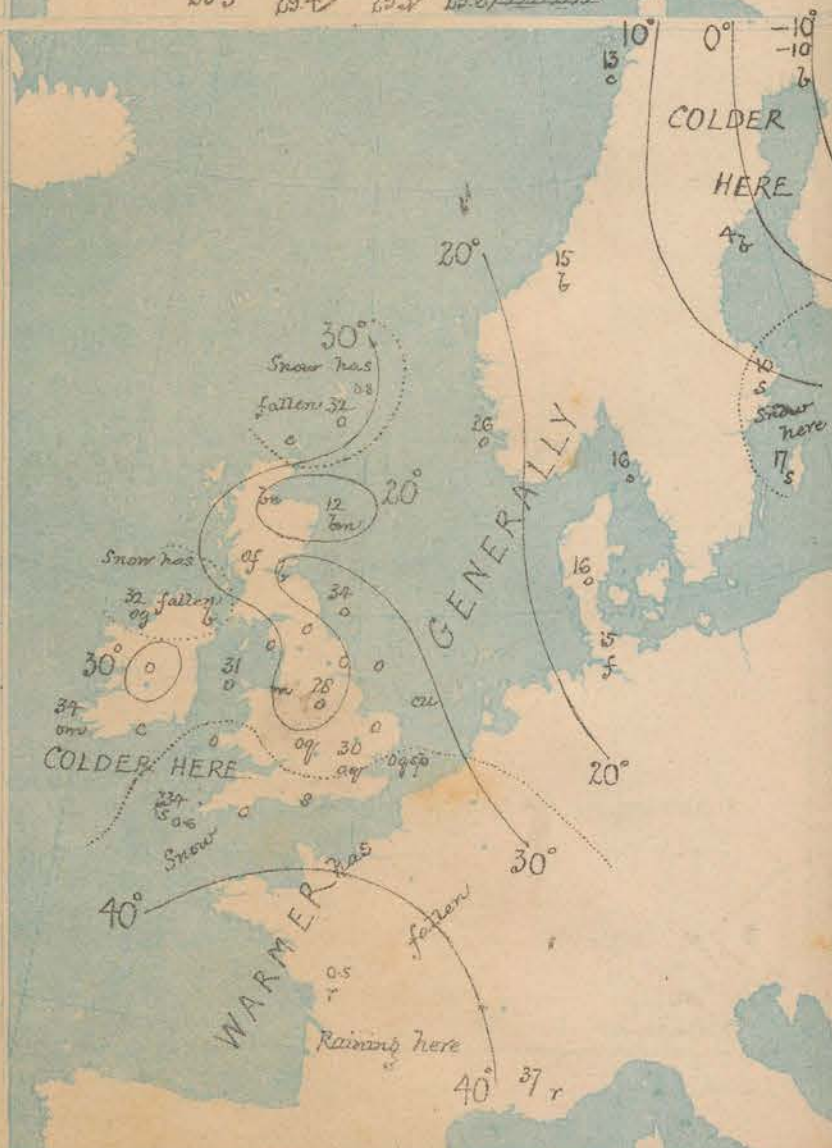
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of January.

Stations	Temp	Rain-fall
	°	ins
Stornoway Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.3	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St. Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Bournemouth	37.3	2.64

* The mean Temperatures are those for the 13 years 1877-89, the mean amounts of Rain are those for the 10 years 1866-75.



REMARKS

For TUESDAY, 18th JANUARY 1881 at 8 a.m.

Exceedingly unsettled weather prevails over these Islands. A deep depression has advanced to the south west coasts, where the mercury has fallen three quarters of an inch, and is as low as 29 ins. In the north, however, the barometer is rising, and an anticyclone of 30.1 ins lies over Central Scandinavia. Exceedingly steep gradients are reported over us, and E^{ly} gales are blowing over nearly the whole of England and Ireland, while light or moderate E^{ly} breezes prevail in Scotland and on the eastern shores of the North Sea; in the west of France a hard W^{ly} gale is reported. In the south-east of England the increase is as much as 20° but the frost still holds in most districts, and readings range from 9^h in the south west to 12° at Aberdeen. Frost of the maxima are the readings at 8 a.m. today, while the minima except in the south west occurred yesterday. At Wick the thermometer fell to -6° Fahr^t, while the lowest readings elsewhere were 4° at Aberdeen, 5° at Cairn, 7° at York, 9° at Leith and Nottingham, and 10° in the south east of England. The weather is finer in the east of Scotland, cloudy or dull elsewhere, with snow in the south-east and south. Heavy snow has fallen at Lillie and Pringle Point. Sea is rough in the south east and south.

MAP SHOWING
DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the

19th JANUARY.

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



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

NE^{ly} and E^{ly} winds, light; dull, cold.

6 SCOTLAND
WEST

E^{ly} winds, strong; cloudy, some snow.

2 SCOTLAND
EAST

E^{ly} winds and gales; cold and dull, with snow squalls.

7 ENGLAND
N.W.

E^{ly} gales; dull, some snow showers.

3 ENGLAND
N.E.

8° 8° 8°

8 ENGLAND
S.W.

NE^{ly} winds and gales; dull, snow.

4 ENGLAND
EAST

8° 8° 8°

9 IRELAND
NORTH

Same as No 7.

5 MIDLAND
COUNTIES

Strong E^{ly} and NE^{ly} winds; much snow.

10 IRELAND
SOUTH

NE^{ly} winds, fresh; dull, snow.

6 ENGLAND
SOUTH

E^{ly} gales; cold, dull, much snow.

WARNINGS

Districts 5, 8 and 10 were warned last night, and Districts 1, 2, 3, 7 and 9 this morning.

METEOROLOGICAL OBSERVATIONS FOR 18TH JANUARY 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	29.89	-1	N	2	b	29.91	+ .26	-10	-10	- .25	N	2	b	*	17	-11	-	
Hernösand	29.94	13	N	6	o	30.10	+ .51	4	4	- .90	NNW	2	b	*	18	?	-	
Stockholm	29.69	10	N	2	c	29.90	+ .40	10	9	+ .7	N	6	s	*	12	-2	0.08	
Wisby	29.56	18	N	6	s	29.75	+ .21	17	15	0	NNE	6	s	*	21	10	0.08	
Bodö	30.06	17	E	2	o	29.97	+ .09	13	12	- .5	E	2	c	*	18	10	-	
Christiansund	29.97	19	E	3	b	30.08	+ .33	15	15	- .3	ESE	4	b	3	?	7	-	
†Skudesnaes	29.83	30	E	4	s	29.93	+ .20	26	24	+ .2	ESE	5	o	4	30	?	-	
Oxö (Xtiansund)	29.91	21	?	4	o	30.02	+ .30	18	17	+ .6	NNE	4	o	3	21	?	-	
Skagen (The Skaw)	29.93	20	NNE	5	o	30.02	+ .31	16	14	- .4	NE	4	o	3	21	16	-	
Fanö	29.96	20	W	2	b	29.96	+ .19	16	15	+ .7	E	3	c	*	21	?	-	
Cuxhaven	29.98	23	NE	1	b	29.93	+ .22	15	15	- .9	SSE	2	f	*	?	?	-	
†Sumburgh Head	29.78	28	2	o	b	29.93	+ .28	32	30	+ .3	NE	4	o	4	33	24	0.76	
†Stornoway																		
Wick	29.81	-2	NT	1	b	29.91	+ .24	32	30	+ .21	E	3	c	4	32	-4	0.03	
Nairn	29.78	12	Z	0	b	29.83	+ .17	13	12	+ .5	Z	0	b	1	20	5	-	
†Aberdeen	29.81	11	WSW	1	b	29.87	+ .14	12	11	+ .6	WSW	1	b	2	16	4	-	
Leith	29.76	19	SE	1	b	29.76	+ .04	32	30	+ .20	ESE	2	b	*	32	9	-	
†Shields	29.78	23	Z	0	f	29.74	- .03	34	34	+ .24	E	7	o	5	36	10	-	
Spurn Head	29.78	28	SE	1	b	29.66	- .12	34	34	+ .14	ESE	9	o	7	35	19	-	
York	29.77	9	N	1	f	29.64	- .15	29	29	+ .19	E	3	o	*	29	7	-	
Nottingham	29.65	20	E	2	b	29.52	- .30	28	25	+ .19	NE	6	o	*	28	9	-	
†Ardrossan	29.71	22	E	3	c	29.71	00	29	29	+ .12	E	3	c	2	29	15	-	
†Mullaghmore	29.83	30	ESE	6	o	29.80	- .10	32	32	+ .5	ESE	7	og	6	35	25	0.02	
Donaghadee	29.60	35	SE	6	o	29.60	- .06	32	22	+ .16	SE	8	b	6	35	17	0.38	
Parsonstown	29.41	30	NNE	5	s	29.45	- .17	28	26	+ .6	E	4	o	*	33	22	0.25	
Barrow-in-Furness	29.70	27	NE	3	o	29.61	- .15	30	28	+ .12	NE	5	o	3	32	18	-	
†Holyhead	29.56	32	ESE	3	s	29.48	- .20	31	31	+ .2	ESE	8	o	6	32	28	-	
Liverpool (Bidston)	29.65	23	E	4	o	29.51	- .23	29	26	+ .10	ENE	7	m	2	29	19	-	
†Valentia	29.37	34	NE	6	o	29.34	- .20	34	32	+ .2	NNE	2	om	2	41	30	-	
Roche's Point	29.37	33	NE	3	c	29.32	- .25	32	31	- .1	NE	4	c	4	36	20	-	
Pembroke	29.40	37	E	6	c	29.18	- .39	32	30	- .5	NE	7	o	6	38	27	0.15	
†Scilly	29.31	44	ESE	7	o	29.07	- .46	34	34	- .7	ENE	9	s	7	45	32	0.56	
Prawle Point	29.42	39	E	6	o													
Hurst Castle	29.57	35	SSE	4	o	29.01	- .75	30	30	+ .2	E	7	s	6	35	29	0.03	
†Dover	29.75	29	ESE	4	b	29.8	- .55	30	29	+ .10	E	8	ogsp	6	33	20	0.02	
†London	29.70	27	E	3	o	29.28	- .55	30	-	+ .20	E	8	og	*	32	10	-	
Oxford	29.64	28	ESE	4	o	29.29	- .51	31	31	+ .21	ENE	7	og	*	31	10	-	
Cambridge	29.72	26	SE	1	c	29.38	- .44	31	30	+ .20	E	3	o	*	31	10	-	
†Yarmouth	29.69	32	ESE	4	b	29.52	- .30	32	31	+ .17	E	9	ow	7	33	15	-	
The Helder																		
Cape Gris Nez																		
†Jersey	29.45	33	E	4	o	28.79	- .97	37	37	+ .4	SW	8	rm	5	37	28	0.12	
†Brest	29.26	35	SE	8	o	28.86	- .82	39	36	+ .4	NW	7	s	3	41	30	0.12	
†Lorient	29.19	38	ESE	8	s	28.89	- .68	44	40	+ .16	W	9	r	7	?	28	0.20	
†Rochefort	29.21	36	SE	8	o	29.19	- .52	49	45	+ .22	WSW	11	r	?	?	?	0.47	
Biarritz																		
Corunna	*	*	*	*	*										*	*	*	
†Brussels	*	*	*	*	*	29.45	- .46	25	25	+ .2	ESE	7	s	*	28	20	-	
†Charleville	29.83	22	SSE	4	b	29.37	- .52	25	24	+ .2	E	12	s	*	32	19	0.08	
†Paris	29.68	30	E	4	o	29.08	- .53	35	34	+ .10	SE	5	r	*	*	*	0.75	
†Lyons	29.71	30	SE	5	o	29.25	- .74	46	41	?	SW	8	o	*	47	27	-	
Toulon	29.91	37	E	7	r	29.62	- .40	37	37	+ .5	E	9	r	7	37	32	0.39	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.45	19	ENE	3	o	28.35	- .12	24	24	+ .17	E	6	o	*	26	7	-	

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

Hawes Junction	28.45	19	ENE	3	o	28.35	- .12	24	24	+ .17	E	6	o	*	26	7	-
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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 ...	29.76	28	28	ESE	4	s	3	Valentia ...	29.47	37	34	E	2	o	3
Sumburgh Head ...	29.75	29	29	Z	0	s	2	Scilly ...	29.43	44	39	SE	7	o	6
Stornoway ...								Dover ..	29.79	31	30	S	4	bc	2
Aberdeen ...	29.77	14	14	WSW	1	b	2	London ...	29.76	32	32	E	3	cm	*
Shields ...	29.79	20	20	W	1	f	3	Yarmouth ...	29.83	26	26	Z	0	bm	3
Ardrossan ...	29.70	24	24	E	2	c	1	Jersey ...	29.60	35	33	ESE	4	o	4
Mullaghmore ...	29.58	29	28	ESE	4	b	3	Rochefort ...	29.52	37	31	SE	8	o	4
Holyhead ...	29.62	32	30	ESE	3	o	2								

Pressure is increasing a little in the N., but is decreasing in the SW. where a strong ESE breeze is reported. Snow is falling at Pembroke and in the Shetlands.

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

WEDNESDAY, 19TH JANUARY.

1881.


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ROBERT H. SCOTT

(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on Wednesday 19th JANUARY

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:
— force above 10. — force 8 to 10.
— force 7 to 8. — force 4 to 7.
© — dead calm.

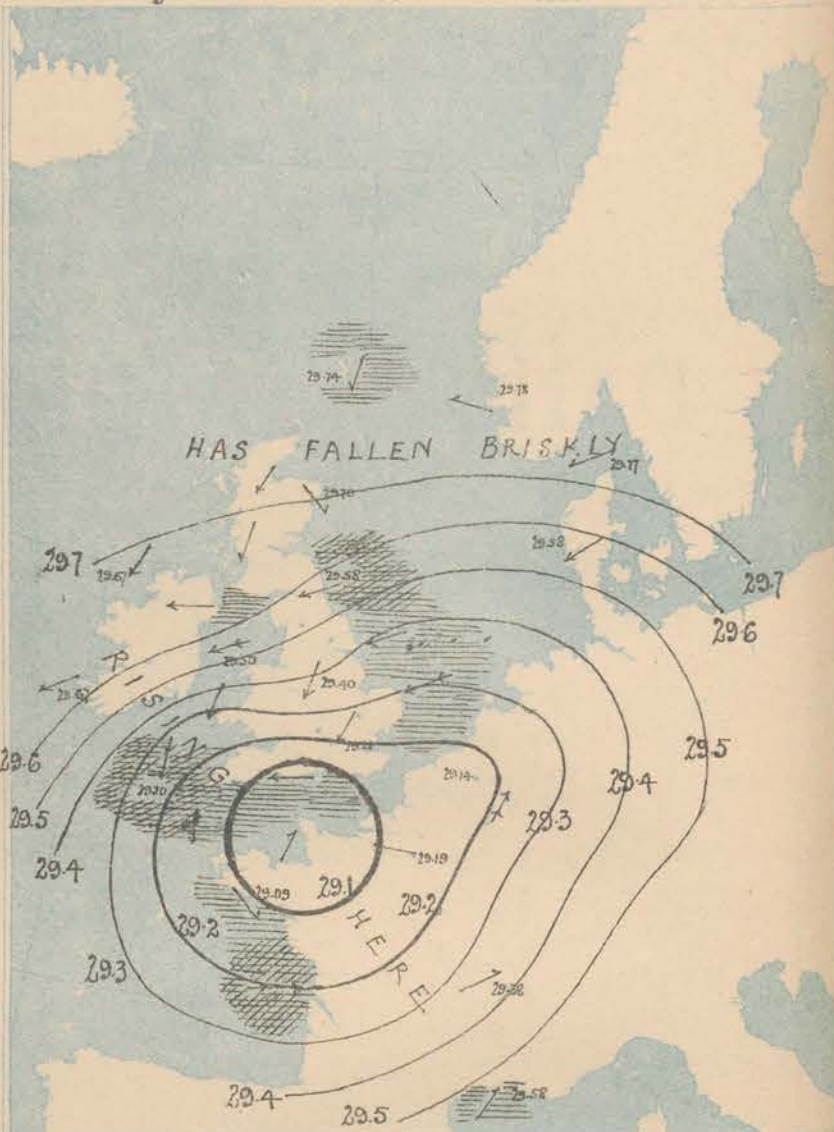
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough. — High.

MEAN^s HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Aldershot	29.678
Greenwich	29.651
Holyhead	29.730
Valencia	29.724
Rochester	29.755
Plymouth	29.866
LONDON	29.869
Falmouth	29.847

* 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.

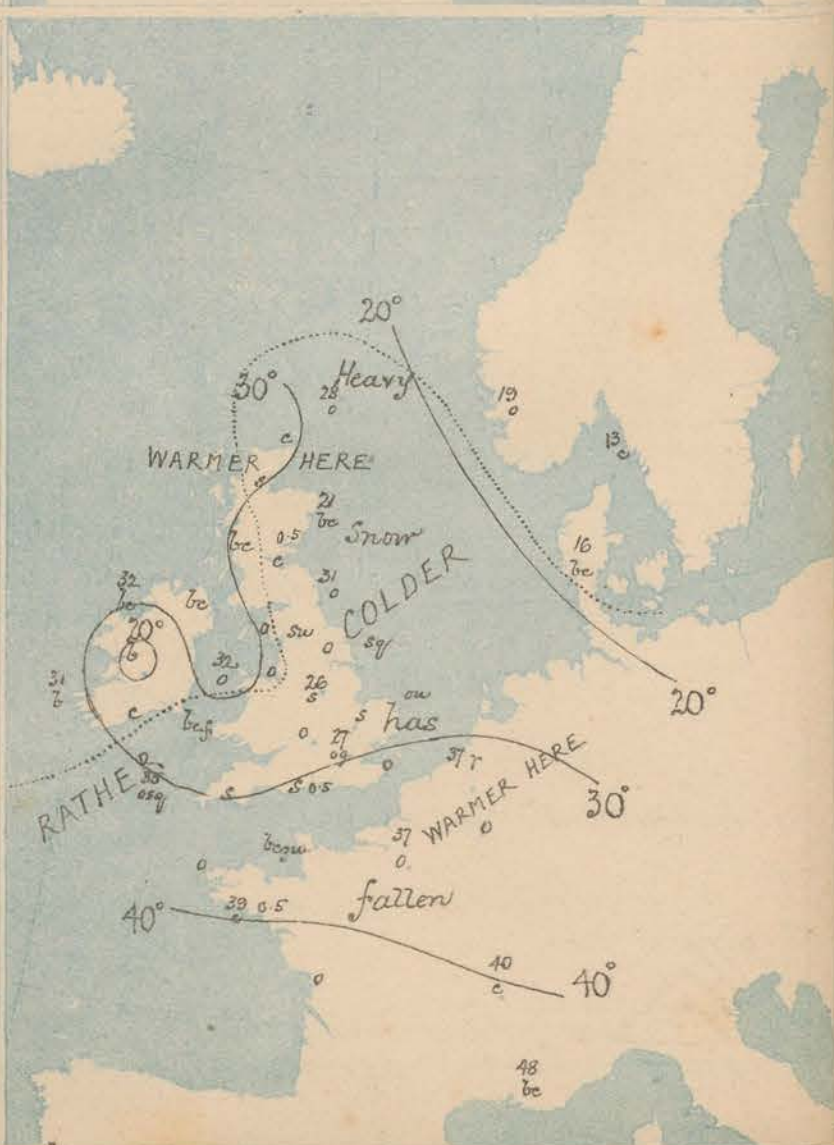
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS^s OF TEMPERATURE AND RAINFALL.

for the month of January

Stations	Temp	Rain-fall
Sunderburgh Head	39.0	3.00
Sternesmuir	39.3	5.74
Aberdeen	37.0	2.76
Shields	37.5	1.88
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.25
Parsonstown	39.6	3.62
Valencia	43.0	7.70
Sally (St Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Falmouth	37.3	2.64

* 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, 19TH JANUARY 1881 at 8 a.m.

The deep depression which lay over the Channel yesterday, and appeared to be advancing N^W over England has recoiled S^W again during the night, and its centre which last evening was shown near Hurst Castle is now again near Jersey. At the same time it is filling up, and the barometer is rising at our western and southern stations; in the north and also over France it is still falling so that gradients have become slighter. The wind has backed somewhat, and is now NE^{ly} to N^{ly} on our coasts, and NW^{ly} to SW^{ly} over France. The gales which prevailed yesterday have abated somewhat on most coasts, but at Yarmouth, Holyhead, Scilly and Rochefort there is no improvement. Temperature has fallen again a few degrees, and readings now range from 35° at Scilly to 18° at Parsonstown and 21° at Aberdeen. The maxima yesterday varied between 32° and 35° generally, but the frost last night was in no case very severe. Exceedingly heavy snow fell all over England yesterday, but the violent wind prevented the snow from accumulating in the gauges, and no record can be obtained of the amount that fell. Sea is rough all round our coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
20TH JANUARY.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	NE ^{ly} winds, strong; cloudy and cold, snow squalls.
2 SCOTLAND EAST	-----
3 ENGLAND N.E.	-----
4 ENGLAND EAST	NE ^{ly} and E ^{ly} gales; dull, snow.
5 MIDLAND COUNTIES	Same as nos 0 to 2.
6 ENGLAND SOUTH	Same as nos 0 to 2.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	E ^{ly} winds, moderate; fair to cloudy, frosty.
7 ENGLAND N.W.	Same as no 3.
8 ENGLAND S.W.	N ^{ly} and E ^{ly} winds and gales; dull, snow.
9 IRELAND NORTH	Same as no 3.
10 IRELAND SOUTH	Same as no 8.
WARNINGS	The north cone is flying in districts nos 1, 2, 3, 7, 9 and 10, and the south cone in nos 5 and 8.

METEOROLOGICAL OBSERVATIONS FOR 19th JANUARY 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														*					
Hernösand														*					
Stockholm														*					
Wisby														*					
Bodö														*					
Christiansund														*					
†Skudesnaes	29.94	24	E	4	S	29.73	— 20	19	16	— 7	ESE	2	0	3	27	7	—		
Öxö (Xtiansund)														*					
Skagen (The Skaw)	29.97	14	ENE	4	b	29.77	— 25	13	10	— 3	ENE	3	0	0	16	12	—		
Fanö	29.82	12	E	4	c	29.58	— 38	16	16	0	ENE	6	0	*	18	10	—		
Cuxhaven														*					
†Sumburgh Head	29.87	29	NE	7	S	29.74	— 19	28	25	— 4	NNE	4	0	6	32	26	0.39		
†Stornoway																			
Wick	29.86	30	NE	6	S	29.75	— 16	31	30	— 1	NE	4	0	4	34	26	0.13		
Nairn	29.88	30	NE	3	b	29.72	— 11	31	30	— 1	NE	5	0	4	30	10	0.26		
†Aberdeen	29.80	23	NNW	1	b	29.70	— 17	21	21	— 9	NNW	1	0	3	31	11	0.09		
Leith	29.76	30	E	3	S	29.66	— 10	28	26	— 4	S	1	0	*	32	23	0.48		
†Shields	29.67	24	E	5	C	29.58	— 16	31	31	— 3	ENE	5	0	7	34	29	0.02		
Spurn Head	29.45	33	ENE	9	0	29.37	— 29	28	27	— 6	ENE	7	0	6	34	26	0.01		
York	29.57	31	E	5	0	29.49	— 15	28	28	— 1	NE	3	0	*	32	28	0.02		
Nottingham	29.42	28	NE	8	0	29.40	— 12	26	26	— 2	NNE	6	0	*	32	24	0.01		
†Ardrossan	29.75	27	NE	1	b	29.68	— 03	22	22	— 7	NNE	1	0	0	32	18	—		
†Mullaghmore	29.65	34	ENE	8	C	29.67	— 17	32	32	— 0	NE	5	0	4	34	30	—		
Donaghadee	29.67	34	SE	8	b	29.63	— 03	32	32	— 2	E	7	0	5	35	31	—		
Parsonstown	29.55	29	NNE	2	0	29.65	— 20	18	18	— 10	Z	0	0	*	32	18	—		
Barrow-in-Furness	29.57	30	NE	5	0	29.55	— 06	27	26	— 3	NE	4	0	4	32	26	0.02		
†Holyhead	29.45	32	ENE	8	0	29.50	— 02	32	31	— 1	ENE	8	0	6	33	30	—		
Liverpool (Bidston)	29.46	30	ENE	8	0	29.48	— 03	28	26	— 1	NE	5	0	3	31	28	—		
†Valentia	29.41	34	NE	8	omg	29.67	— 32	31	29	— 3	ENE	5	0	8	36	29	—		
Roche's Point	29.30	32	NE	6	0	29.54	— 22	28	27	— 4	NNE	6	0	4	38	26	—		
Pembroke	29.18	29	NE	8	S	29.39	— 11	28	27	— 3	NNE	6	0	4	32	27	—		
†Scilly	29.08	33	NE	6	S	29.20	— 13	35	35	— 1	NNE	10	0	7	35	29	0.14		
Prawle Point	29.05	27	NNW	4	0	29.09	— 27	27	27	— 2	N	4	0	5	34	23	—		
Hurst Castle	28.80	30	WSW	5	0	29.10	— 09	32	32	— 2	E	5	0	6	35	29	0.46		
†Dover	29.15	35	E	7	0	29.16	— 12	33	32	— 3	ENE	4	0	4	36	27	0.25		
†London	29.13	28	E	8	S	29.21	— 07	27	?	— 3	NE	5	0	*	31	27	0.32		
Oxford	29.25	25	NE	5	0	29.28	— 01	25	25	— 6	NE	6	0	*	31	22	?		
Cambridge	29.30	26	E	5	S	29.30	— 08	25	24	— 6	NNE	4	0	*	32	24	?		
†Yarmouth	29.27	28	E	9	S	29.29	— 23	28	28	— 4	ENE	8	0	6	33	25	0.01		
The Helder	29.52	19	E	6	0	29.81	— 42	19	19	— 2	ENE	4	0	3	23	18	—		
Cape Gris Nez																			
†Jersey	29.07	39	WSW	7	b	29.09	— 30	39	35	— 2	SW	4	0	4	43	36	0.04		
Brest	29.08	42	NNW	5	0	29.15	— 29	37	36	— 2	N	7	0	4	43	34	0.16		
Lorient	29.11	42	W	1	r	29.09	— 30	39	35	— 5	NW	4	0	5	45	36	0.17		
†Roche fort	29.02	45	S	4	0	29.20	— 01	46	43	— 3	W	9	0	7	52	39	0.35		
Biarritz																			
Corunna	*	*	*	*	*				*					*	*	*			
Brussels	*	*	*	*	*	29.14	— 31	37	37	— 12	SW	1	0	*	?	22	0.51		
Charleville	29.24	35	SE	4	0	29.21	— 16	38	36	— 13	SW	8	0	*	41	23	0.20		
Paris	29.26	40	?	4	0	29.19	— 11	37	37	— 2	ESE	4	0	*	*	*	0.16		
Lyons	29.51	40	SW	1	b	29.38	— 13	40	36	— 6	WSW	1	0	*	50	37	—		
Toulon	29.64	40	E	7	0	29.58	— 04	48	48	— 11	SW	3	0	5	48	37	0.04		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.29	25	ENE	8	ow	28.24	— 01	23	23	— 1	ENE	8	0	0	26	22	—		

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.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.97	26	22	ESE	4	c	Valentia	29.34	34	32	E	6	0
Sumburgh Head	29.91	29	28	NE	5	0	Scilly	29.08	34	32	NE	6	0
Stornoway							Dover	29.16	28	27	ESE	9	0
Aberdeen	29.85	22	22	NW	1	b	London	29.14	28	?	E	9	0
Shields	29.72	34	34	E	5	0	Yarmouth	29.41	32	30	E	9	0
Ardrossan	29.75	31	30	NE	1	b	Jersey	28.90	42	39	WSW	9	0
Mullaghmore	29.59	34	31	E	7	omg	Roche fort	29.32	51	46	WSW	9	0
Holyhead	29.44	33	30	ENE	8	ow							

The depression appears to be travelling slowly End up the Channel, and the barometer is falling except at Scilly and Mullaghmore. Est gales prevail at most of the English stations, and continuous snow is falling in the S. and SE.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

THURSDAY, 20TH JANUARY.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

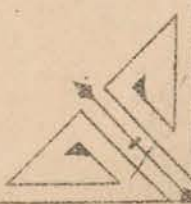
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Thursday, 20th JANUARY 1887.

BAROMETER, WIND & SEA

Explanation of Map.

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

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

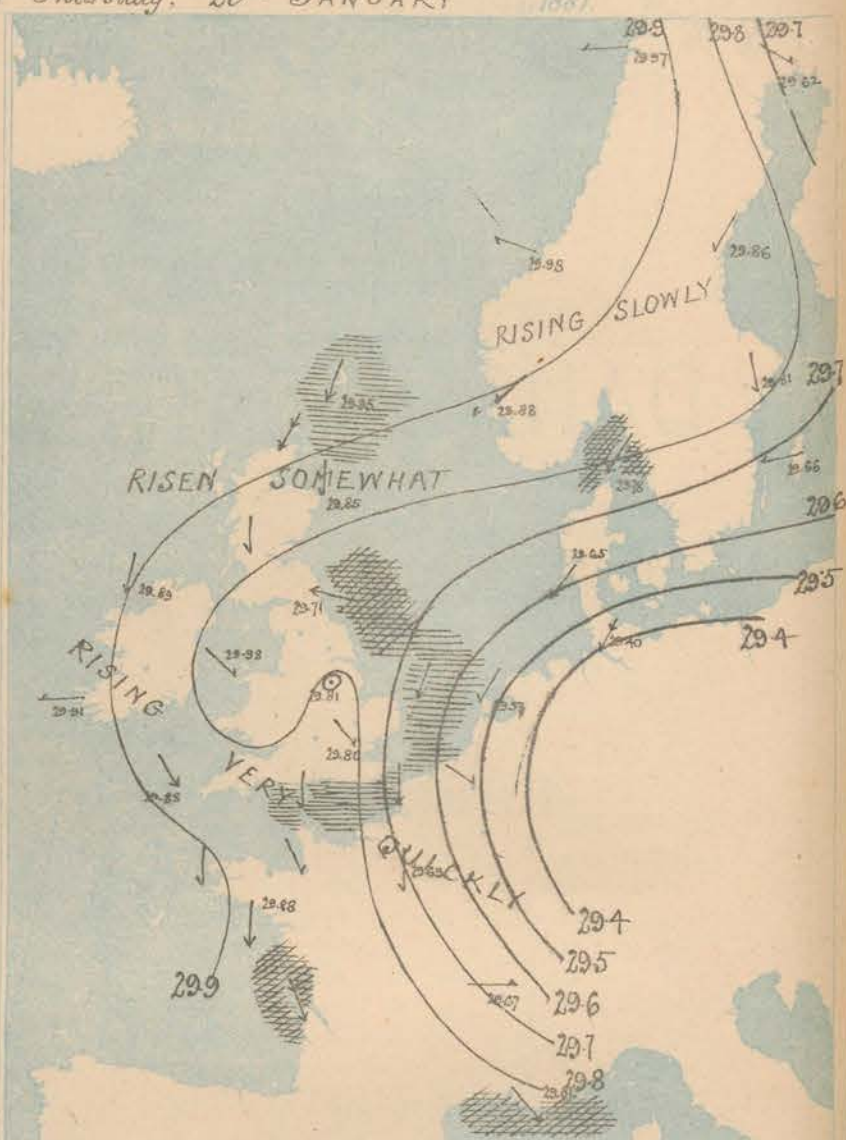
Sea Disturbance; where considerable is shown by shading round the coast, thus: Rough, High.

MEAN* HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greenock	29.651
Holyhead	29.730
Valentia	29.721
Roche's Pt.	29.735
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

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



REMARKS

For THURSDAY, 20th JANUARY 1881. at 8 a.m.

The weather has again undergone a change and is now fine and bright over a large part of the country. In some places, however, the sky continues cloudy, fog prevails at Leith, and snow is falling at Shields, York, Holyhead and Paris. During the past twenty-four hours snow has fallen except in the north-west, the amount in the Netherlands being very heavy. Pressure is increasing over the whole of Western Europe, and a large area of high readings lies to the N.W. and S.W. of these Islands, while shallow depressions are shown over Wales, near the mouth of the Tyne and over the Netherlands. Temperature has fallen several degrees except at some of the Scotch stations, and sharp frost prevails very generally. Readings range from 37° at Scilly to 13° in London, 12° at Oxford, and 23° at Leith. During the night the thermometer fell to 9° at Parsonstown, 12° at Nottingham, and Oxford, and 13° in London. The wind is N.W. or nearly all coasts, and, though light or moderate generally, blows freshly on the more exposed parts, and reaches a gale in north Scotland. Sea is rough in the south-east, and very rough in the north-east.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

21st JANUARY

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	N.W. winds, fresh and moderate; cold, cloudy. Some snow.
2 SCOTLAND EAST	----- 2° ----- 2° ----- 2° -----
3 ENGLAND N.E.	E. to N.W. winds, fresh to light; snowy to fine.
4 ENGLAND EAST	N.W. breezes, fresh; fine, then some snow.
5 MIDLAND COUNTIES	Calms to N.W. breezes, fresh; some snow lower.
6 ENGLAND SOUTH	N.W. breezes, fresh; cold and frosty, becoming cloudy with snow.

6 SCOTLAND WEST	N.W. breezes, light; fair, cold.
7 ENGLAND N.W.	N.W. winds, fresh; cloudy, slight snow.
8 ENGLAND S.W.	N.W. and N. winds, moderate and fresh; cloudy, cold.
9 IRELAND NORTH	Same as No 7.
10 IRELAND SOUTH	N.W. winds, moderate; fine, cold.
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 20th JANUARY 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.		
			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.			
F. paranda ...	29.72	3	NW	4	δ	29.62	- .11	13	12	+ 13	NW	4	0	*	14	-4	-		
Hernösand ...	29.88	-11	N	0	δ	29.86	+ .08	-5	-5	- 8	NE	2	0	*	5	-13	-		
Stockholm ...	29.78	-4	NW	2	δ	29.81	- .01	1	1	+ 9	N	4	δ	*	1	-9	-		
Wisby ...	29.69	13	SSE	2	δw	29.66	- .12	11	10	- 2	E	2	δ	*	23	3	0.08		
Bodö ...	29.93	9	E	2	δ	29.97	+ .06	12	11	+ 3	E	2	c	1	7	7	-		
Christiansund ...	29.90	13	E	4	δ	29.98	+ .01	14	14	- 7	ESE	1	δw	3	?	3	0.24		
† Skudesnaes ...	29.69	20	Z	0	δ	29.88	+ .15	8	15	- 1	ENE	4	0	4	23	?	-		
Oxö (Xtiansund) ...	29.70	14	NNE	6	0	29.86	+ .12	9	8	- 1	NNE	6	δ	4	14	5	-		
Skagen (The Skaw) ...	29.71	13	NE	6	0	29.78	+ .01	9	7	- 4	NE	7	c	7	?	9	-		
Fanö ...	29.47	16	NE	6	c	29.65	+ .07	9	8	- 7	NE	6	c	*	16	9	-		
Cuxhaven ...	29.38	22	E	6	0	29.40	- .10	22	22	+ 2	NE	8	0	*	23	19	-		
† Sumburgh Head ...	29.66	27	N	6	s	29.95	+ .21	28	25	0	NNE	5	0	5	30	22	0.75		
† Stornoway ...																			
Wick ...	29.67	32	E	7	s	29.97	+ .22	28	27	- 3	NE	8	cw	6	32	22	0.27		
Nairn ...	29.69	30	NNE	5	0	29.90	+ .18	27	27	- 3	NNE	6	0	4	30	27	0.44		
† Aberdeen ...	29.61	28	NW	2	δsp	29.85	+ .15	31	30	+ 10	N	3	csp	3	31	19	0.41		
Leith ...	29.67	29	SE	1	δw	29.75	+ .09	23	22	- 5	N	1	cf	*	31	20	0.04		
† Shields ...	29.60	31	ENE	4	0	29.71	+ .13	30	30	- 1	ESE	6	s	8	32	23	0.12		
Spurn Head ...	29.45	27	NNE	6	δw	29.74	+ .37	28	27	0	WNW	4	c	4	31	7	-		
York ...	29.54	25	NE	1	δ	29.76	+ .27	23	23	- 5	NNE	1	s	*	29	16	0.00		
Nottingham ...	29.52	24	NE	4	0	29.81	+ .29	13	13	- 13	Z	0	c	*	27	12	0.10		
† Ardrossan ...	29.73	28	Z	0	δ	29.79	+ .06	27	27	+ 5	N	3	δc	2	32	21	-		
† Mullaghmore ...	29.75	28	WSW	2	c	29.89	+ .14	32	32	0	N	5	c	4	35	27	-		
Donaghadee ...	29.69	33	NNE	3	δw	29.80	+ .11	31	31	- 1	NNE	5	δ	3	34	28	-		
Parsonstown ...	29.81	18	E	1	δ	29.92	+ .11	23	23	+ 5	N	0	m	*	27	9	-		
Barrow-in-Furness ...	29.63	26	NNW	4	δ	29.74	+ .11	28	26	+ 1	N	3	δw	3	32	25	-		
† Holyhead ...	29.63	33	ENE	7	c	29.78	+ .15	31	31	- 1	NW	4	s	3	33	30	0.05		
Liverpool (Bidsdon) ...	29.62	25	NNE	2	δw	29.77	+ .15	25	23	- 3	NE	1	δ	1	29	23	0.02		
† Valentia ...	29.82	30	NE	2	δm	29.91	+ .09	26	25	- 5	E	1	δ	1	36	24	0.02		
Roche's Point ...	29.73	29	NNE	5	δw	29.85	+ .12	28	27	0	N	4	δ	4	33	24	-		
Pembroke ...	29.55	29	NNE	5	δ	29.77	+ .22	33	31	+ 5	WNW	3	cw	3	33	26	0.05		
† Scilly ...	29.53	35	NNE	8	omu	29.88	+ .35	37	37	+ 2	NW	5	c	4	37	29	0.07		
Prawle Point ...	29.40	26	NNW	5	0	29.86	+ .46	20	19	- 7	NW	4	δw	4	28	17	-		
Hurst Castle ...	29.28	28	ENE	7	s	29.83	+ .55	20	20	- 12	N	3	δ	5	32	18	0.25		
† Dover ...	29.25	30	NE	5	e	29.68	+ .43	26	25	- 7	NNW	4	δ	2	34	25	0.06		
† London ...	29.31	27	NE	6	0	29.80	+ .49	13	?	- 14	NW	1	δ	*	31	13	0.08		
Oxford ...	29.48	25	ENE	4	0	29.82	+ .34	12	12	- 13	N	2	δ	*	27	12	0.10		
Cambridge ...	29.37	28	NNE	3	s	29.74	+ .41	15	15	- 10	NW	1	δ	*	29	15	-		
† Yarmouth ...	29.32	30	NE	7	δw	29.69	+ .37	28	28	0	NNE	5	c	5	30	25	0.10		
The Helder ...	29.29	26	NE	3	0	29.53	+ .24	24	24	+ 5	ENE	4	0	3	?	19	0.08		
Cape Gris Nez ...	29.21	30	NE	9	0	29.65	+ .44	28	28	- 8	N	8	0	6	32	27	-		
† Jersey ...	29.20	36	N	3	cms	29.89	+ .69	31	29	- 8	NNW	4	δw	3	42	28	0.25		
Brest ...	29.00	36	N	7	+	29.93	+ .93	31	30	- 6	N	1	δw	3	41	28	0.20		
Lorient ...	29.37	36	NW	8	0	29.88	+ .51	31	30	- 8	N	7	δ	4	43	30	-		
† Rochefort ...	29.39	45	NNW	9	0	29.88	+ .49	36	36	- 10	NNW	8	δw	7	50	32	0.16		
Biarritz ...																			
Corunna ...	*	*	*	*	*					*					*	*	*		
Brussels ...	*	*	*	*	*	29.57	+ .43	21	21	- 16	WNW	1	δ	*	38	19	0.16		
Charleville ...	29.15	35	SSE	7	0	29.42	+ .27	21	19	- 17	?	7	0	*	41	19	0.20		
Paris ...	29.21	38	?	4	0	29.69	+ .50	27	27	- 10	N	4	s	*	*	*	0.39		
Lyons ...	29.39	42	SW	3	c	29.67	+ .28	34	30	- 6	N	4	δw	*	49	33	-		
Toulon ...	29.49	47	WSW	8	0	29.81	+ .32	39	34	- 9	NW	7	δ	8	52	39	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.30	21	NW	4	δc	28.46	+ .22	20	20	- 3	NNW	2	0	*	23	16	-		

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

Hawes Junction	29.30	21	NW	4	δ		29.46	+.16	20	20	- 3	NNW	2	0	*	23	16	-
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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 ...	29.67	22	18	SE	2	6	3	Valentia ...	29.75	35	33	NE	4	c	4
Sumburgh Head ...	29.65	28	25	N	4	6c	5	Scilly ...	29.40	33	32	NNE	9	og	6
Stornoway ...								Dover ..	29.18	32	31	NE	7	og	5
Aberdeen ...	29.63	25	25	NNW	1	6c	3	London ...	29.27	29	-	ENE	4	og	*
Shields ...	29.57	31	31	ENE	7	c	8	Yarmouth ...	29.29	30	29	ENE	7	og	6
Ardrossan ...	29.69	31	31	NNE	1	6	1	Jersey ...	29.13	37	36	WSW	4	c	4
Mullaghmore ...	29.74	34	32	ESE	3	6	2	Rochefort ...	29.32	43	41	NNW	9	+	7
Holyhead...	29.57	33	32	ENE	8	c	6								

Pressure still increases in the south, and the depression is still slowly falling up and travelling East. Strong E¹ to N¹ winds prevail with cloudy weather and snow showers 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. (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, 21ST JANUARY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


S. W.

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ROBERT H. SCOTT

(SECRETARY.)



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

WEATHER CHARTS

for 8 a.m. on Friday 21st JANUARY.

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 suited in words.

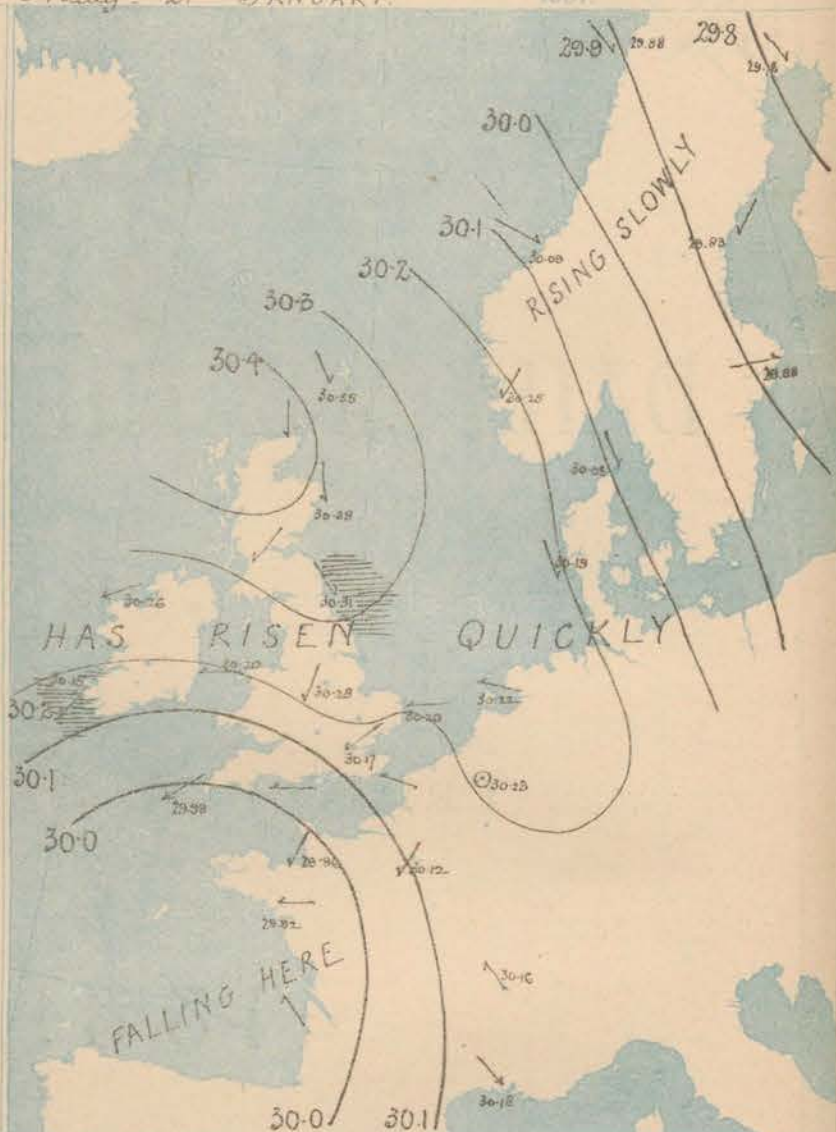
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
— force above 10; — force 8 to 10
— force 6 to 7; — force 1 to 4.
○ = dead calm.

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

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

Stations	Mean Readings
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greenacres	29.651
Holyhead	29.730
Valentia	29.771
Reich's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Vermouth	29.847

* 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.

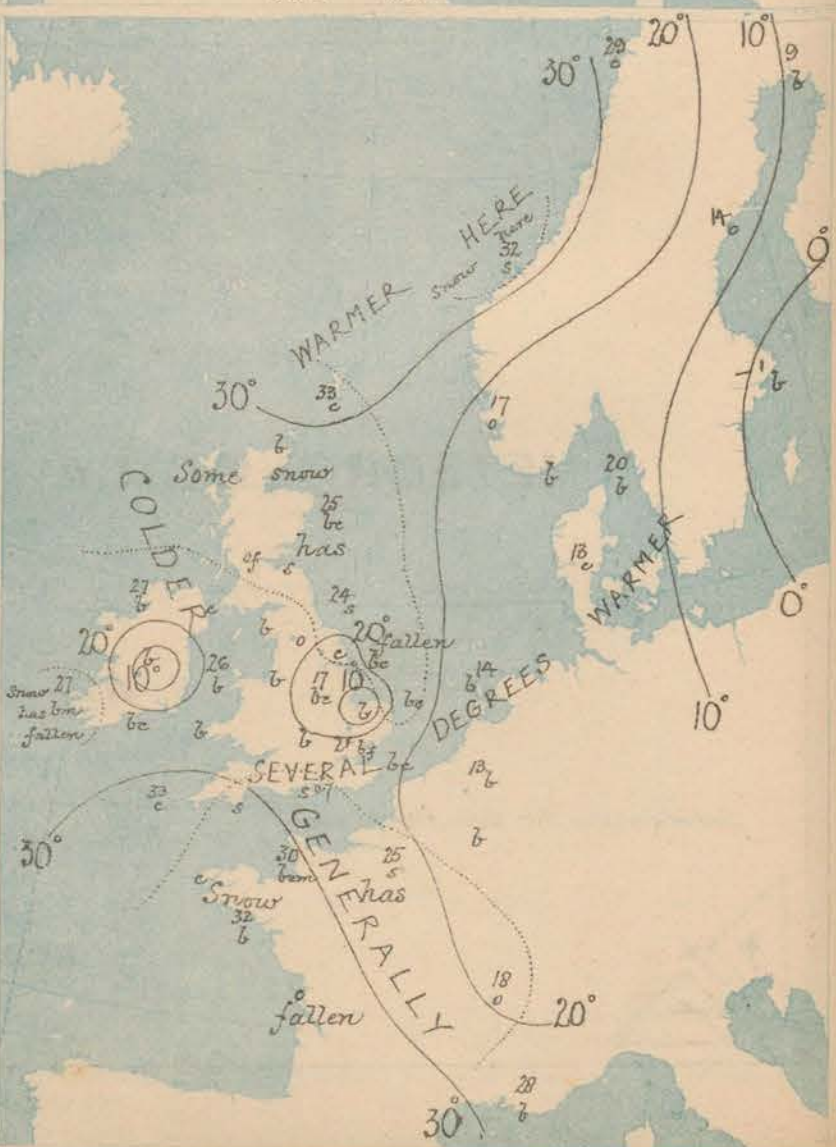
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 January.

Stations	Temp	Rain-fall
Scarbrough Head	39.0	3.00
Sternway	39.3	3.73
Aberdeen	37.0	2.76
Sheldale	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.8	3.56
LONDON	38.8	2.63
Vermouth	37.3	2.64

* 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, 21ST JANUARY 1881 at 8 a.m.

The barometer has continued to rise over these Islands and their neighbourhoods, the change being greatest in the north, where a large area of high pressure has been formed. The depression noticed over the Netherlands yesterday has entirely disappeared, while the shallow disturbance then noticed over Wales has travelled S^W and having become much larger, now lies over the Channel, the Bay of Biscay and west of France. In consequence, the wind has veered generally, and moderate to fresh E^{ly} winds are reported over the whole of England and Ireland, while very light breezes are blowing in Scotland, and variable winds in the west of France. Temperature has risen briskly in Denmark and the south of England and slightly in West France, but has fallen generally. Frost still holds all over the country, readings ranging from 33° at Bally and in the Shetlands to 6° at Parsonstown and 9° at Cambridge. The minima were in most places the readings quoted yesterday morning. The weather is fine generally, but snow is falling on our north east and south-west coasts, as well as at Paris. Sea is rough at Valentia and Shields.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

22ND JANUARY.

ISSUED AT 11 a.m. on previous day.

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

Very light breezes between N and NE.
fine, frosty.

6 SCOTLAND
WEST

Light NE^{ly} breezes; fair, frosty.

2 SCOTLAND
EAST

----- 8° ----- 8° ----- 8° -----

7 ENGLAND
N.W.

E^{ly} breezes, moderate; fine, frosty.

3 ENGLAND
N.E.

NE^{ly} winds, light; cloudy and
snowy to fine.

8 ENGLAND
S.W.

E^{ly} winds, moderate and fresh;
cloudy, cold.

4 ENGLAND
EAST

E^{ly} breezes, moderate and fresh; fine
on the whole, but clouding over at
night and some snow, frosty.

9 IRELAND
NORTH

E^{ly} and NE^{ly} winds, fresh; fine, frosty.

5 MIDLAND
COUNTIES

----- 8° ----- 8° ----- 8° -----

10 IRELAND
SOUTH

----- 8° ----- 8° ----- 8° -----

6 ENGLAND
SOUTH

----- 8° ----- 8° ----- 8° -----

WARNINGS

None issued.

METEOROLOGICAL OBSERVATIONS FOR 21st JANUARY 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 ...	29.62	16	NW	2	b	29.78	+ .16	9	9	- 4	NW	2	b	*	18	9	-		
Hernösand ...	29.91	10.	NW	2	b	29.83	- .03	14	13	+ 19	NNE	2	o	*	?	-17	-		
Stockholm ...	29.90	-1	NNW	2	b	29.88	+ .07	-1	-1	- 2	N	2	b	*	5	- 8	-		
Wisby ...														*					
Bodö ...	29.80	31	NW	4	s	29.88	- .09	29	27	+ 17	NW	2	c	*	31	12	-		
Christiansund...	30.17	22	SSW	2	o	30.09	+ .11	? 32	?	+ 18	NNW	4	s	4	32	9	-		
†Skudesnaes ...	30.19	15	ENE	2	b	30.25	+ .37	17	?	- 1	NE	2	o	2	18	16	-		
Oxö (Xtiansund)...	30.09	12	NNE	4	b	30.12	+ .26	15	13	+ 6	NW	2	b	1	?	?	-		
Skagen (The Skaw)	30.07	-1	NNE	4	b	30.08	+ .30	20	18	+ 11	NNW	3	b	0	?	?	-		
Fanö ...	30.05	4	N	4	b	30.19	+ .54	13	12	+ 4	NNW	1	c	*	?	1	-		
†Cuxhaven ...	29.88	20	NNE	8	b	30.18	+ .78	17	17	- 5	NNE	3	b	*	21	17	-		
†Sumburgh Head	30.13	28	NE	6	s	30.35	+ .40	? 30	30	+ 5	NNW	2	c	4	33	25	0.28		
†Stornoway																			
Wick ...	30.13	28	E	7	s	30.41	+ .44	20	19	- 8	N	1	b	4	30	20	0.09		
Nairn ...																			
†Aberdeen ...	30.07	26	NNE	3	b	30.38	+ .53	25	24	- 6	N	2	b	4	31	23	0.16		
Leith ...	29.97	27	SE	2	s	30.33	+ .58	23	22	- 0	NNW	1	s	*	31	12	0.16		
†Shields ...	29.98	30	NW	1	s	30.31	+ .60	24	24	- 6	NNW	1	s	5	30	17	0.21		
Spurn Head ...	29.96	25	SSW	1	b	30.23	+ .49	29	29	+ 1	E	4	b	3	30	24	0.01		
York ...	29.97	23	S	1	b	30.27	+ .51	16	16	- 7	NNW	1	c	*	27	5	0.12		
Nottingham ...	30.00	20	Z	0	b	30.28	+ .47	17	16	+ 4	NNE	3	b	*	25	13	-		
†Ardrossan ...	30.09	24	NE	1	b	30.30	+ .54	27	27	- 0	NE	2	of	1	31	28	0.03		
†Mullaghmore ...	30.06	34	NE	7	b	30.26	+ .37	27	27	- 5	ENE	5	b	4	35	23	-		
Donaghadee ...	30.04	32	ENE	8	c	30.26	+ .46	30	30	- 1	E	4	c	2	34	28	-		
Parsonstown ...	30.09	21	NNW	1	c	30.24	+ .32	6	6	- 17	NNW	1	b	*	24	6	-		
Barrow-in-Furness	29.97	26	NE	2	o	30.23	+ .49	20	19	- 8	NE	3	b	3	33	19	-		
†Holyhead ...	29.94	28	S	1	c	? 30.20	+ .42	26	25	- 5	E	4	b	3	32	25	-		
Liverpool (Bidston)	29.95	25	E	1	m	30.24	+ .47	21	20	- 4	E	2	b	1	28	20	-		
†Valentia ...	30.06	29	NNE	3	b _{sp}	30.15	+ .24	27	26	+ 1	NE	6	b _m	6	29	24	0.06		
Roche's Point...	30.00	29	N	4	b	30.10	+ .25	23	23	- 5	NE	5	b	4	32	22	-		
Pembroke ...	29.88	27	NE	1	b	30.08	+ .31	23	21	- 10	ENE	4	b	2	33	21	-		
†Scilly ...	29.89	37	NNE	4	o _{sp}	29.99	+ .11	33	33	- 4	ENE	6	c _{sp}	4	35	32	0.06		
Prawle Point ...	29.86	28	NNW	2	o	29.94	+ .08	30	29	+ 10	ENE	5	s	4	32	19	-		
Hurst Castle ...	29.93	28	SSE	3	b	30.04	+ .21	29	29	+ 9	E	5	s	4	31	18	0.72		
†Dover ...	29.96	27	N	2	b _m	30.16	+ .48	28	27	+ 2	SE	4	b	3	32	24	-		
†London ...	29.97	17	N	1	b _f	30.17	+ .37	21	?	+ 8	ENE	1	b _f	*	31	12	-		
Oxford ...	30.00	12	Z	0	b	30.17	+ .35	20	20	+ 8	ENE	3	b	*	27	10	-		
Cambridge ...	29.99	22	N	1	o	30.22	+ .48	9	6	- 6	N	1	b	*	30	4	-		
†Yarmouth ...	29.95	28	ENE	4	c	30.20	+ .51	28	28	- 0	E	3	b	4	30	23	0.03		
The Helder ...	30.02	23	ENE	1	b	30.22	+ .69	14	13	- 10	ESE	1	b	1	25	12	0.08		
Cape Gris Nez	29.97	29	NNW	3	b	30.10	+ .48	17	17	- 11	ENE	1	b	2	32	16	-		
†Jersey ...	29.95	34	SW	4	o _m	29.96	+ .07	30	28	- 1	NE	2	b _m	2	36	29	0.17		
Brest ...	29.89	40	NNW	5	o	29.96	+ .03	34	32	+ 3	E	1	c	3	?	28	0.16		
Lorient ...	29.93	35	SW	7	?	29.92	+ .04	32	30	+ 1	E	3	b	4	41	30	0.28		
†Rochefort ...	30.08	33	SE	3	b	29.96	+ .08	37	36	+ 1	SE	4	c	2	46	28	0.16		
†Biarritz ...	30.15	40	SE	4	c	30.01	+ .02	41	35	- 7	S	4	b	3	48	34	0.04		
Corunna ...	*	*	*	*	*			*	*				*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.23	+ .66	13	13	- 8	SE	1	b	*	28	12	-		
Charleville ...	29.95	17	NNW	1	b	30.19	+ .77	6	4	- 15	SSW	1	b	*	?	?	-		
Paris ...	30.03	29	?	4	b	30.12	+ .43	25	24	- 2	NNE	3	s	*	*	*	0.12		
Lyons ...	30.02	28	NW	4	b	30.16	+ .49	18	16	- 16	SE	1	o	*	?	15	0.04		
Toulon ...	29.99	34	NW	8	b	30.18	+ .37	28	24	- 11	NW	5	b	4	43	27	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.67	15	E	2	3	28.96	+ .50	16	16	- 4	NNE	2	o	*	20	12	-		

HIGH LEVEL STATION.

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

Hawes Junction	28.67	15	E	2	3	28.96	+ .50	16	16	- 4	NNE	2	o	*	20	12	-	
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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 ...	30.03	18	?	ENE	5	b	4	Valentia ...	29.97	37	35	NNE	2	b	3
Sumburgh Head ...	30.05	30	26	NE	6	s	6	Scilly ...	29.90	35	34	NNW	3	s	4
Stornoway ...								Dover ..	29.88	28	27	NW	4	b _m	3
Aberdeen ...	29.63	28	26	N	3	b	4	London ...	29.90	29	?	NNW	2	b _m	*
Shields ...	29.89	36	29	SSW	1	s	6	Yarmouth ...	29.86	28	28	Z	o	cshp	5
Ardrossan ...	29.96	28	28	NE	2	b	0	Jersey ...	29.98	30	32	WSW	3	s	3
Mullaghmore ...	30.00	35	32	NE	6	b	6	Rochefort ...	30.05	37	34	NNW	5	b	4
Holyhead ...	29.88	33	32	NW	3	c	3								

There is very little change to record. The barometer still rises everywhere, and the shallow depression over Wales is filling up. Snow is falling on our east coast, but elsewhere the weather is moderately fine. The wind is N⁺ and the frost still holds.

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).

4 Received too late for insertion in Chart.



DAILY WEATHER REPORT

F O R

SATURDAY, 22nd JANUARY.

1881.

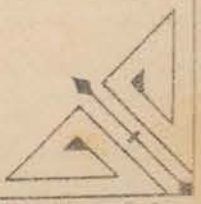
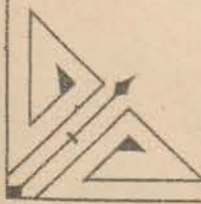
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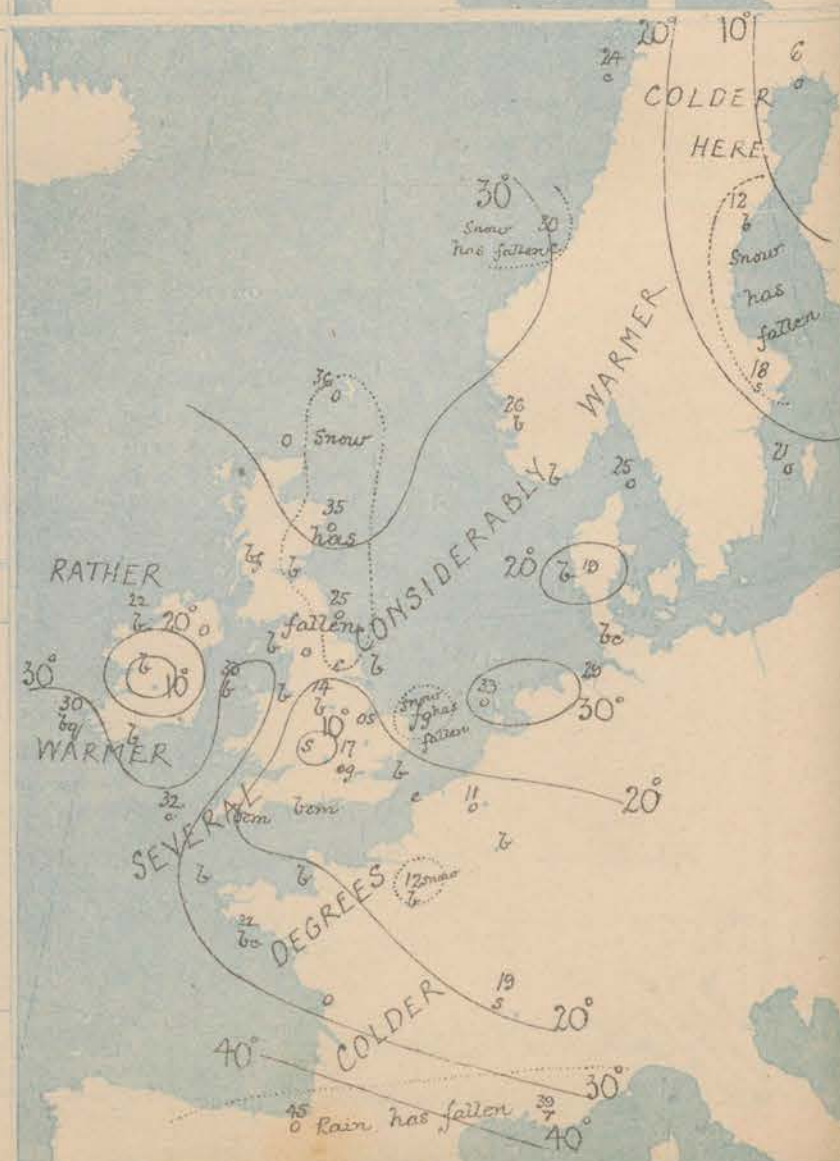
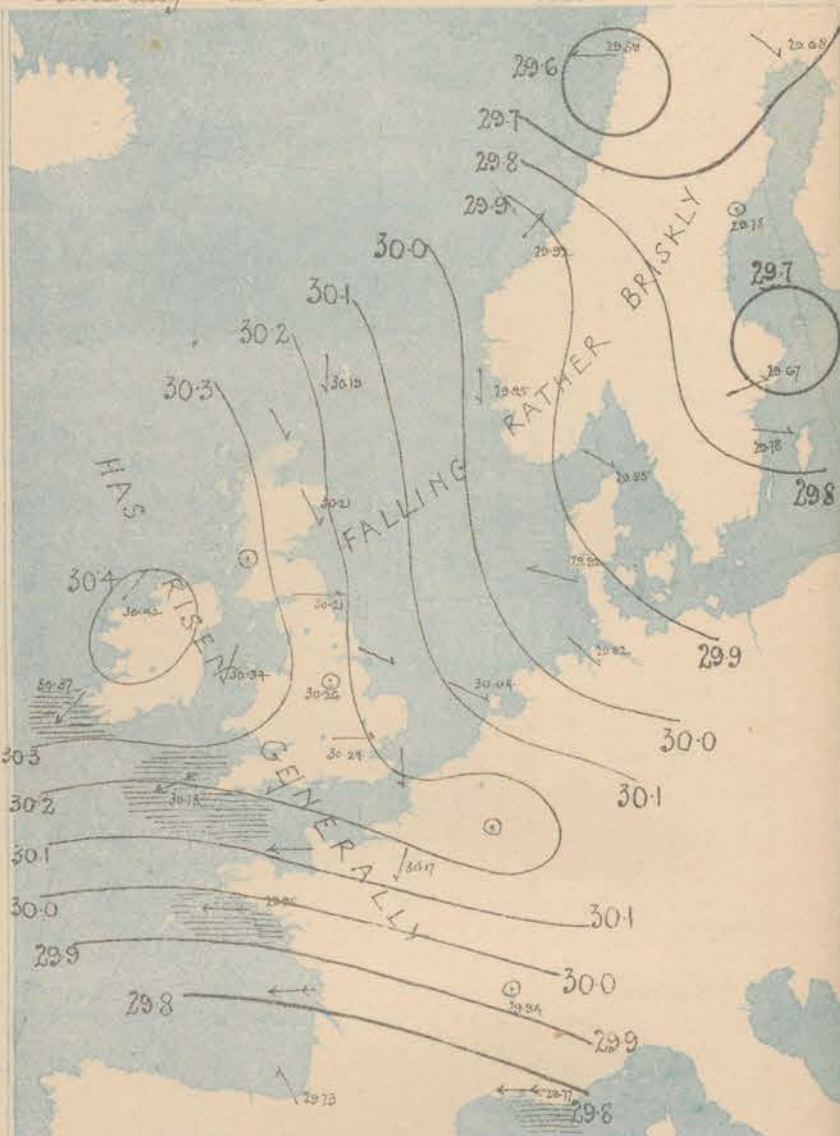


ROBERT H. SCOTT
(SECRETARY)

for 8 a m on Saturday 22nd JANUARY 1887

Explanation of Map.

with RAINFALL in PAST 24 HOURS.



REMARKS

for SATURDAY 22nd JANY 1881 at 8 a.m.

The anticyclone noticed over Scotland yesterday has since passed slowly S^W and now lies over Ireland, while comparatively low pressures are reported from Norway and Sweden and the Bay of Biscay. The mercury is falling rather briskly at the Scandinavian stations and slightly on our north and north-east coasts, while in the south west and over France it is rising. The wind is light or moderate from the N^W on our north and east coasts and over the North Sea, but in the south and south west and over the Bay of Biscay it draws into NE and E, and blows strongly or with the force of a gale. Temperature has risen fast in the north-east and slightly at some north-western and western stations, but in most places a further fall is recorded, and readings range from 32° at Killy and 36° at Sumburgh 4° to 6° at Parsonstown, 9° at Oxford and 12° at Paris. The minimas last night were 5° at Cambridge, 7° at Oxford, 12° at Nottingham and Ardrossan, and 17° in London. The weather is fine in the north and north west, over the north of France and on the eastern shores of the North Sea, but is cloudy or dull elsewhere, with slight fog and snow in the south-east of England. Slight snow has fallen in the north east. Sea is rough in the south west.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the

23rd JANUARY

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



DISTRICTS

FORECASTS

1 SCOTLAND NORTH	N ^W and N ^W breezes, moderate or light; cloudy, less cold.
2 SCOTLAND EAST	5° 5° 5°
3 ENGLAND N.E.	N ^W breezes, moderate, cloudy, some snow.
4 ENGLAND EAST	N ^W and N ^W breezes, moderate; cold, cloudy.
5 MIDLAND COUNTIES	N ^W breezes, very light; cold, some snow.
6 ENGLAND SOUTH	N ^W to E ^W breezes, moderate to fresh, fair to cloudy and some snow.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	N ^W breezes, light; fine, less cold.
7 ENGLAND N.W.	N ^W winds, moderate; fine, frosty.
8 ENGLAND S.W.	NE ^W and E ^W winds, strong, snow showers.
9 IRELAND NORTH	N ^W winds, moderate; fine, less cold.
10 IRELAND SOUTH	5° 5° 5°
WARNINGS	The Hayth Cone was hoisted in Districts 5, 8 and 10 yesterday afternoon, but has been lowered in District 5 this morning.

METEOROLOGICAL OBSERVATIONS FOR 22ND JANUARY 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								FAST 24 HC RS.			
	Barometer at 32° F. 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	29.66	3	NY	2	0		29.68	— .10	6	0	— .3	NY	2	0	*	13	1	—
Hernösand	29.74	6	2	0	0		29.78	— .04	12	12	— .2	2	0	0	*	18	0	0.02
Stockholm	29.85	16	NY	2	0		29.87	— .02	18	18	+ .19	WSW	2	2	*	2	—	0.04
Wisby	29.79	22	NY	2	0		29.78	— .01	21	19	—	WNW	2	0	*	27	10	—
Bodo	29.60	30	SW	4	0		29.64	— .04	24	22	— .5	E	2	0	2	30	23	—
Christiansund	29.90	35	NNW	6	0		29.91	— .17	30	29	— .2	SW	6	0	4	2	21	0.16
†Skudesnaes	29.07	23	2	0	0		29.95	— .30	26	26	+ .9	N	2	0	2	16	—	—
Oxö (Kalmund)	29.93	29	NNW	4	0		29.88	— .05	22	20	+ .7	NNW	2	0	1	22	2	—
Skagen (The Skaw)	29.93	28	2	0	0		29.85	— .08	23	23	+ .5	NNW	2	0	0	2	21	—
Fanö	29.95	31	W	5	0		29.92	— .03	19	19	+ .6	ESE	2	0	*	34	12	—
Cuxhaven	30.20	22	W	1	0		29.92	— .28	29	29	+ .12	NY	1	0	*	30	16	—
†Sumburgh Head	30.27	35	NNW	3	0		30.19	— .08	36	32	+ .3	N	3	0	3	38	26	0.07
†Stornoway																		
Wick	30.24	32	NY	2	0		30.25	— .16	35	33	+ .15	NY	1	0	3	35	18	—
Nairn																		
†Aberdeen	30.27	26	NY	2	0		30.21	— .07	35	34	+ .10	NNW	3	0	3	25	17	0.01
Leith	30.33	24	NY	1	0		30.27	— .06	26	26	+ .3	NY	1	0	*	31	19	0.15
†Shields	30.26	29	NE	2	0		30.21	— .05	25	25	+ .1	W	4	0	2	30	19	0.05
Spurn Head	30.31	28	ENE	4	5		30.17	— .06	29	29	0	NNW	*	0	4	31	25	—
York	30.34	21	N	1	0		30.23	— .04	29	29	+ .13	NNW	1	0	*	29	16	0.04
Nottingham	30.35	21	N	2	0		30.26	— .02	14	13	— .3	2	0	0	*	27	12	—
†Ardrossan	30.44	22	NE	3	0		30.33	— .00	18	18	— .9	E	1	0	0	29	12	—
†Mullaghmore	30.41	28	ESE	5	0		30.42	+ .10	22	21	— .5	SW	3	0	2	31	19	—
Donaghadee	30.42	31	ENE	4	0		30.35	+ .09	29	29	— .1	NNW	4	0	2	33	24	—
Parsonstown	30.49	23	NE	2	0		30.45	+ .04	2	5	0	2	0	0	*	27	6	—
Barrow-in-Furness	30.37	26	NNW	3	0		30.27	+ .04	21	21	+ .1	NE	2	0	2	33	19	—
†Holyhead	30.36	29	E	3	0		30.20	+ .14	33	32	+ .7	NNE	0	0	2	33	25	—
Liverpool (Bishop)	30.36	28	ENE	2	0		30.20	+ .08	24	23	+ .3	NY	1	0	1	28	20	—
†Valentia	30.26	29	NE	6	0		30.37	+ .23	30	28	+ .3	NE	6	0	5	30	24	—
Roche's Point	30.23	28	ENE	5	0		30.36	+ .24	26	24	+ .2	NE	5	0	4	31	23	—
Pembroke																		
†Scilly	30.03	32	ENE	9	0		30.18	+ .19	32	32	— .1	ENE	8	0	6	34	29	0.16
Prawle Point	30.11	28	ENE	6	5		30.19	+ .25	24	24	— .6	NNE	5	0	5	30	22	—
Hurst Castle	30.23	26	E	5	0		30.26	+ .22	15	15	— .14	ENE	3	0	4	29	15	—
†Dover	30.26	27	ESE	3	0		30.19	+ .05	18	17	— .10	N	3	0	1	29	18	—
†London	30.28	18	E	3	0		30.22	+ .07	7	7	— .4	W	1	0	3	30	17	—
Oxford	30.32	16	NE	1	0		30.27	+ .10	9	9	— .11	N	1	0	*	28	7	—
Cambridge	30.29	22	2	0	0		30.18	+ .04	19	18	+ .10	W	1	0	2	25	5	—
†Yarmouth	30.27	27	ENE	4	0		30.15	— .05	26	26	— .2	W	3	0	4	29	25	0.07
The Helder	30.26	26	NY	1	0		30.21	— .05	28	31	+ .19	NNW	4	0	2	24	14	—
Cape Gris Nez	30.22	17	ESE	3	0		30.20	+ .02	14	19	+ .2	E	1	0	1	23	14	—
†Jersey	30.10	29	E	5	0		30.17	+ .21	22	21	— .8	E	6	0	4	35	28	—
Brest	29.97	38	E	4	0		30.06	+ .10	24	21	— .8	E	7	0	4	39	2	—
Lorient	29.89	30	E	7	0		29.95	+ .03	22	21	— .10	E	8	0	6	39	21	—
†Rocheport	29.94	35	NE	7	0		29.81	— .15	29	27	— .8	E	9	0	4	46	25	—
Biarritz	29.73	45	E	4	0		29.73	— .18	45	2	+ .4	SE	4	0	2	48	41	0.04
Corunna	*	*	*	*	*				*	*					*	*	*	*
Brussels	*	*	*	*	*		30.21	— .02	11	11	— .2	SW	3	0	*	21	5	—
Charleville	30.22	14	SSE	1	0		30.27	+ .05	7	5	+ .1	ESE	1	0	*	25	23	—
Paris	30.16	25	?	3	0		30.27	+ .25	12	11	— .10	NNE	3	0	*	*	*	0.04
Lyons	30.05	16	NNW	3	0		29.94	— .11	19	16	+ .1	NNW	1	0	*	33	19	—
Toulon	29.64	37	N	1	0		29.77	— .11	39	39	+ .11	E	8	0	7	39	28	0.19

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

Hawes Junction	29.00	18	N	3	0		28.99	+ .02	19	19	+ .3	N	3	0	*	23	13	—
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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 ...	30.15	24	22	ENE	3	0	2	Valentia ...	30.19	32	24	ENE	5	0	5
Sumburgh Head	30.31	34	33	NNW	3	0	3	Scilly ...	29.97	35	33	ENE	9	0	6
Stornoway ...								Dover ..	30.24	28	27	ESE	3	0	3
Aberdeen ...	30.40	26	25	NNW	1	0	4	London ...	30.24	29	?	NE	3	0	*
Shields ...	30.26	26	29	NE	1	0	5	Yarmouth ...	30.25	29	28	2	0	CSP	4
Ardrossan ...	30.41	24	24	NE	3	0	2	Jersey ...	30.03	32	31	E	3	0	3
Mullaghmore ...	30.36	30	30	E	6	0	5	Rocheport ...	29.93	38	37	SE	4	0	2
Holyhead ...	30.32	30	29	E	4	0	3								

Pressure is decreasing over the Bay of Biscay, and our SW. wave, and the E. wind at Scilly has risen to the force of strong gale. The weather is fog in the N., N., and SE., but snow is falling at Yarmouth and Scilly.

EXPLANATION OF COLUMNS.

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

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

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

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



DAILY WEATHER REPORT

FOR

SUNDAY, 23RD JANUARY.

1881.

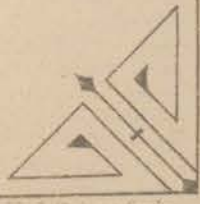
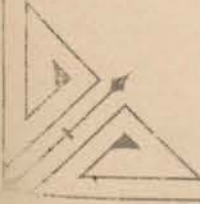
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ROBERT H. SCOTT

(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on Sunday 23rd JANUARY.

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.

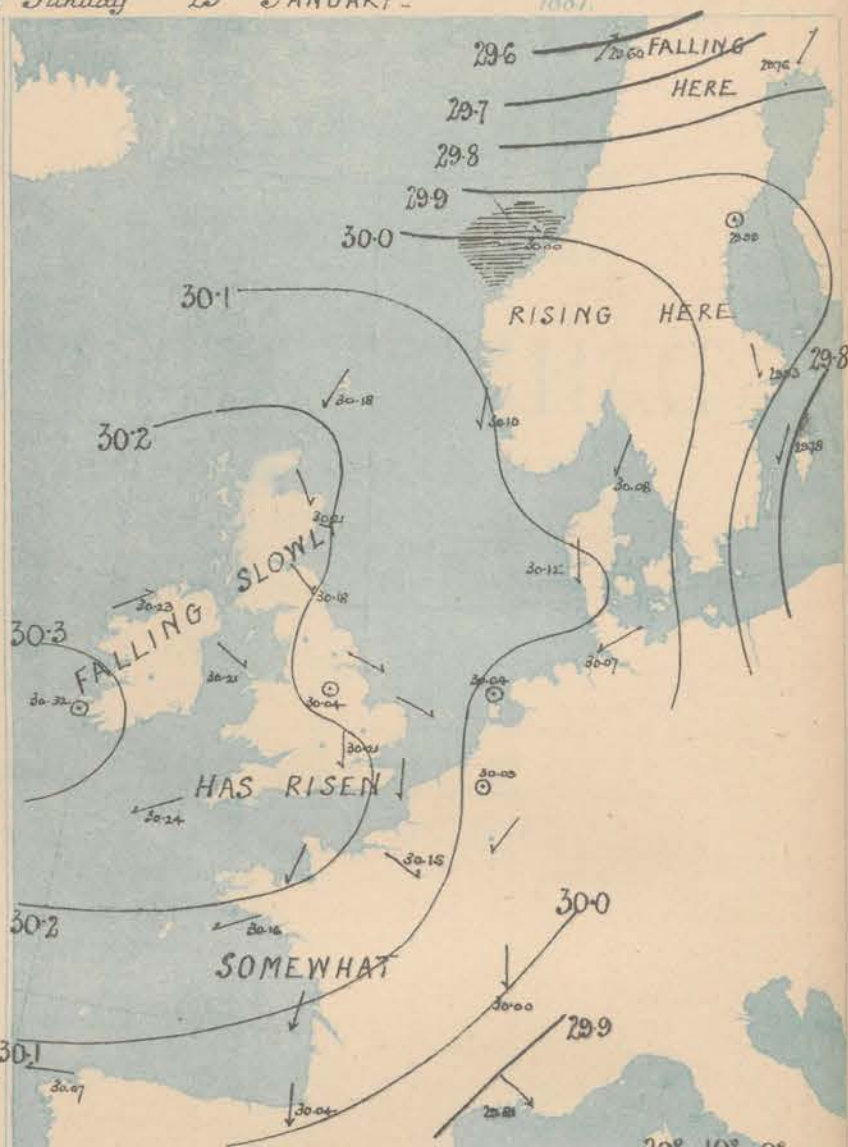
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of January.

Stations.	Mean Readings
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Andrewson	29.678
Greencastle	29.651
Holyhead	29.730
Valentia	29.721
Roche's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

* 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.

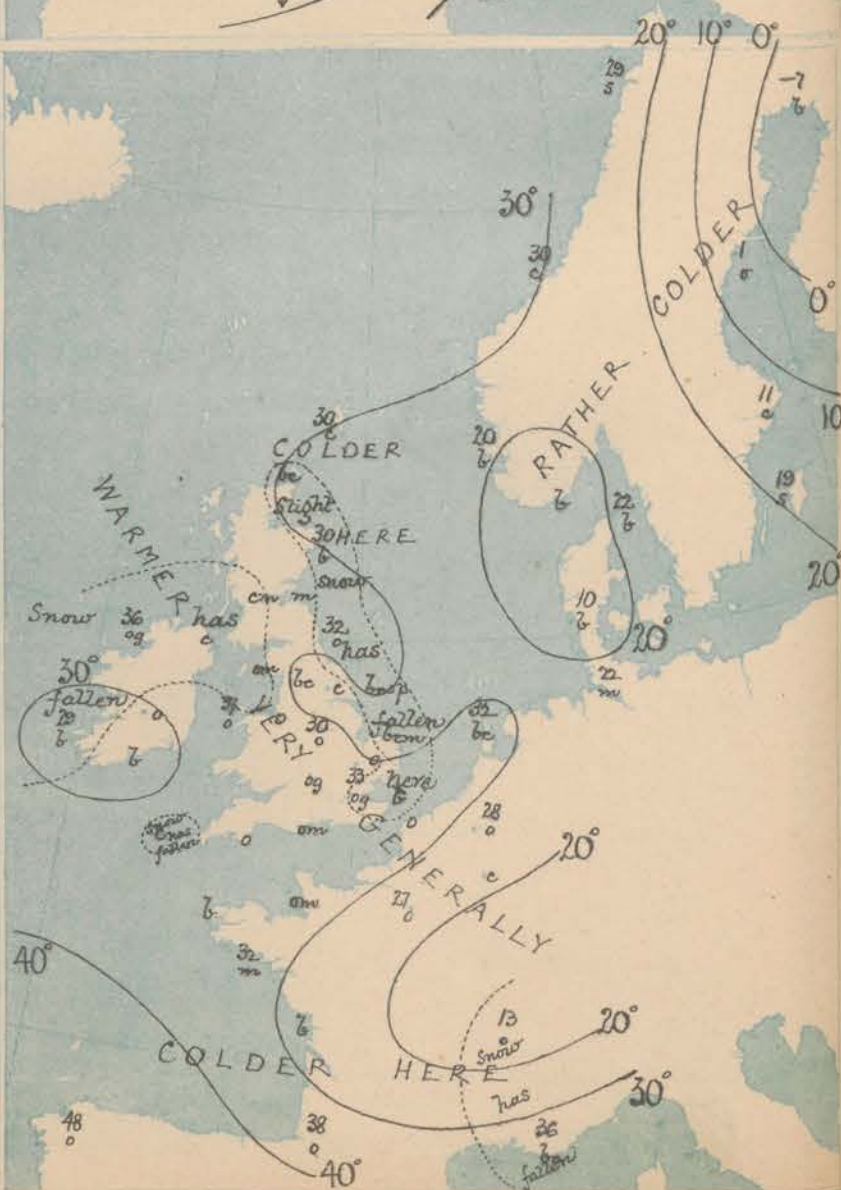
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of January.

Stations.	Temp.	Rain-fall.
Sandburgh Head	39.0	3.00
Sieronway	39.3	5.71
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St. Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

* 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. 23RD JANUARY 1881. at 8 a.m.

Since yesterday morning a considerable change has occurred in the weather, over our Islands, and temperature is now much higher generally than it has been for some time past. The barometer has fallen a little at all but our extreme Southern Stations, where, as well as on the Continent, it has risen, and the area of highest pressure now occupies a position a little to the SW. of that which it held yesterday. The E. winds in the South have backed to the N., and breezes from that quarter or NW are now reported from nearly all the British Stations, but in the north of Ireland SW and W winds are still blowing. Temperature has fallen again in the north of Scotland, but risen considerably over England and France, the change in the 24 hours exceeding 15° at several stations, and amounting to as much as 22° at Oxford; readings now range from 39° at Scilly to 30° over Central England and 20° at Wick. The maxima reported are in many cases the readings at 8 a.m. this morning, while the very low minima differ but slightly from yesterday's 8 a.m. readings. The weather is fine on our E and NE coasts and also in the S. of Ireland, but in Wales and the south of England cloud and mist are reported. Snow showers fell yesterday over the eastern parts of Scotland and England. Sea is slight generally.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon on the

ISSUED AT 11 a.m. on previous day

DISTRICTS

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

FORECASTS

NONE ISSUED

DISTRICTS

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

FORECASTS

NONE ISSUED

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR 23RD JANUARY 1881.

† YESTERDAY EVENING.						8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.80	6	NW	2	o	29.76	+ .08	7	8	13	SH	2	b	*	9	-9	-	
Hernösand ...	29.95	7	Z	0	b	29.99	+ .21	1	1	11	Z	0	o	*	23	?	-	
Stockholm ...	29.71	18	N	6	o	29.93	+ .26	11	10	7	N	4	c	*	19	5	-	
Wisby ...	29.64	26	NNW	2	o	29.78	.00	19	18	2	NNE	4	s	*	27	16	-	
Bodö ...	29.85	23	NNE	2	b	29.60	+ .01	29	28	5	SH	6	s	4	?	?	-	
Christiansund ...	29.97	31	NNW	7	b	30.00	+ .08	30	29	0	W	2	c	5	?	21	-	
† Skudesnaes ...	30.03	27	NNW	4	b	30.10	+ .15	20	20	6	NNE	2	b	2	32	?	-	
Oxö (Xiansund) ...	29.93	27	NNW	2	b	30.08	+ .20	19	17	3	SH	2	b	1	30	18	-	
Skagen (The Skaw) ...	29.92	28	NNE	4	b	30.08	+ .23	22	20	3	NE	2	b	1	28	21	-	
Fanö ...	29.94	14	ENE	1	b	30.12	+ .20	10	10	9	N	1	b	*	21	9	-	
Cuxhaven ...	29.98	24	SH	1	f	30.07	+ .15	22	22	7	ENE	1	m	*	3	18	-	
† Sumburgh Head ...	30.17	34	N	3	o	30.18	- .01	30	28	6	NNE	2	c	3	36	27	-	
† Stornoway ...																		
Wick ...	30.22	33	NW	1	b	30.23	- .02	20	19	15	NW	2	b	3	35	17	0.02	
Nairn ...																		
† Aberdeen ...	30.22	35	NW	1	om	30.21	.00	30	29	5	NNW	2	b	3	35	29	0.00	
Leith ...	30.25	34	NE	1	o	30.22	- .05	31	30	5	W	1	m	*	34	25	-	
† Shields ...	30.20	34	N	1	o	30.18	- .03	32	32	7	NNW	1	o	3	35	24	0.02	
Spurn Head ...	30.13	29	NW	4	c	30.15	- .02	31	31	2	SH	3	b	3	34	28	0.01	
York ...	30.18	32	NNW	1	c	30.17	- .06	29	29	0	N	1	c	*	35	28	-	
Nottingham ...	30.20	33	NNW	2	s	30.04	- .22	30	30	16	SSH	1	o	*	35	14	-	
† Ardrossan ...	30.26	34	Z	0	r	30.24	- .09	32	31	14	Z	0	cm	0	38	18	0.04	
† Mullaghmore ...	30.32	33	SH	3	b	30.23	- .19	36	35	14	SH	4	og	2	36	21	0.07	
Donaghadee ...	30.27	35	NW	3	o	30.21	- .14	30	30	1	NNW	2	c	0	37	27	0.09	
Parsonstown ...	30.38	24	SE	1	o	30.31	- .14	30	30	24	SH	1	o	*	30	6	-	
Barrow-in-Furness ...	30.23	34	NNW	2	b	30.20	- .04	31	30	10	NE	3	om	2	35	20	-	
† Holyhead ...	30.25	37	NNE	2	c	30.21	- .13	37	37	4	NW	3	o	8	38	31	0.08	
Liverpool (Bidston) ...	30.24	32	N	1	o	30.22	- .10	33	31	9	W	1	o	1	30	20	-	
† Valentia ...	30.38	36	NNE	3	b	30.32	- .05	29	29	1	Z	0	b	1	35	26	0.02	
Roche's Point ...	30.33	28	NE	5	b	30.30	- .04	29	28	4	NNW	4	b	4	31	24	-	
Pembroke ...																		
† Scilly ...	30.21	36	NE	6	o	30.24	+ .06	39	35	7	ENE	4	c	4	39	30	0.02	
Prawle Point ...	30.19	25	N	4	c	30.23	+ .04	30	30	6	N	3	o	4	30	20	-	
Hurst Castle ...	30.17	24	NE	1	b	30.23	- .04	30	30	15	N	2	om	3	36	15	-	
† Dover ...	30.08	29	N	3	b	30.24	- .05	31	30	13	NNW	3	b	1	34	18	0.02	
† London ...	30.13	25	NNW	1	o	30.21	- .03	33	32	16	N	1	o	*	33	17	0.01	
Oxford ...	30.17	29	NE	2	o	30.22	- .05	31	31	22	NNW	1	og	*	31	9	-	
Cambridge ...	30.12	31	WSW	1	o	30.19	+ .01	30	29	11	NW	1	o	*	33	15	-	
† Yarmouth ...	30.07	33	NW	3	cm	30.12	- .03	30	30	4	NW	2	b	4	34	25	0.09	
The Helder ...	30.01	31	N	1	c	30.04	.00	32	32	1	WSW	1	b	1	36	30	-	
Cape Gris Nez ...	30.10	32	N	2	m	30.12	- .08	34	33	15	N	4	o	3	34	?	-	
† Jersey ...	30.17	32	ENE	3	om	30.21	+ .04	37	30	15	NE	2	om	2	38	22	-	
Brest ...	30.12	28	E	5	b	30.23	+ .17	32	31	8	E	1	b	2	32	24	-	
Lorient ...	30.03	25	E	6	b	30.16	+ .21	32	31	10	ENE	4	m	4	36	19	-	
† Rochefort ...	29.87	30	ENE	9	o	30.10	+ .29	33	22	6	NE	7	b	3	37	16	-	
Biarritz ...	29.88	46	NNW	5	r	30.04	+ .31	38	34	7	N	5	o	3	32	34	-	
Corunna ...	*	*	*	*	*	30.07	+ .44	48	*	*	E	3	o	5	*	*	*	
Brussels ...	*	*	*	*	*	30.09	- .12	28	28	17	Z	0	o	*	28	?	0.04	
Charleville ...	30.05	23	NE	1	b	30.05	- .22	24	22	17	NE	1	c	*	32	5	-	
Paris ...	30.11	20	?	3	b	30.15	- .02	27	26	15	NW	4	o	*	2	*	-	
Lyons ...	29.97	18	N	1	s	30.00	+ .06	13	11	6	N	1	o	*	19	?	0.08	
Toulon ...	29.77	37	NE	8	f	29.81	+ .04	36	35	3	NW	7	b	4	39	36	0.28	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction ...	28.94	25	N	2	o	28.91	- .08	25	25	6	SSH	2	b	*	28	18	-	

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

Hawes Junction	28.94	25	N	2	o	28.91	- .08	25	25	6	SSH	2	b	28	18	-			
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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 ...	29.99	31	29	N	4	b	2	Valentia ...	30.39	33	30	NE	4	b	4
Sumburgh Head ...	30.19	35	32	N	4	o	3	Scilly ...	30.21	33	32	ENE	7	b	6
Stornoway ...								Dover ..	30.11	29	28	N	3	om	2
Aberdeen ...	30.22	35	34	NN	3	o	3	London ...	30.16	28	?	NN	1	ogf	*
Shields ...	30.18	35	32	N	2	c	3	Yarmouth ...	30.07	34	30	NN	2	fg	2
Ardrossan ...	30.28	38	37	NN	2	c	1	Jersey ...							
Mullaghmore ...	30.26	34	33	NN	4	ogm	2	Rochefort ...	29.78	32	29	ENE	9	o	4
Holyhead ..	30.28	38	37	NNE	4	b	2								

No important change since the morning.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

MONDAY, 24th JANUARY.

1881.



ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Monday 24th JANUARY

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.

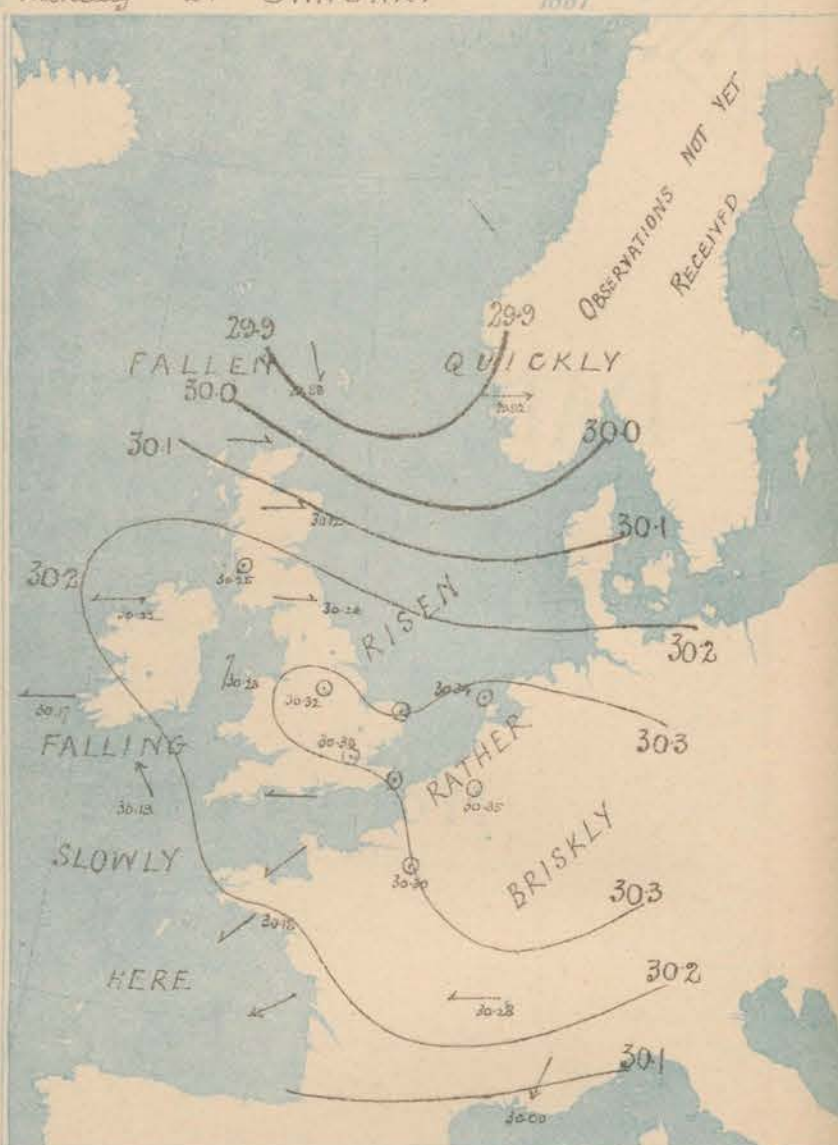
Sea Disturbance, where considerable, is shown by shading round the coast thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of January.

Stations	Mean Readings
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greenock	29.657
Holyhead	29.730
Valencia	29.727
Rochester	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

* 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 January.

Stations	Temp	Rain-fall
Samburgh Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	2
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valencia	43.0	7.70
Sally (St. Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

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



REMARKS

for MONDAY. 24TH JANUARY 1887. at 8 a.m.

Since yesterday the barometer has risen over the north east of France, the Netherlands and the south east of England, but has fallen in all other places. The change is greatest in the north of Scotland and the south-west of Ireland, and depressions are apparently approaching those coasts. A large area of high and uniform readings extends over north Ireland, the whole of England and the greater part of France. The wind is E^{ly} over France and our south-west and west coasts, W^{ly} over Scotland and the north of England, and very light and variable over England and north France. Temperature has risen slightly in west France, our south west coasts and south Ireland, and quickly in north Scotland, but in nearly all other places the thermometer has fallen several degrees, and sharp frost again prevails generally. Readings range from 40° at Skilly and 39° at Lumburgh H^d to 19° at Cambridge and 12° at Lyons. The weather is fine over Ireland and the north-west of England but in nearly all other places much fog prevails, and over England general and dense fog. Scarcely any rain or snow has fallen. Sea is slight or smooth.

MAP SHOWING
DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

25TH JANUARY.

ISSUED AT 11 a.m. on previous day

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	W ^{ly} and NW ^{ly} breezes, moderate; dull, milder.	6 SCOTLAND WEST	Variable light breezes; dull, becoming milder.
2 SCOTLAND EAST	8° ——— 8° ——— 8°	7 ENGLAND N.W.	SE ^{ly} to S ^{ly} breezes, moderate or light; becoming milder.
3 ENGLAND N.E.	Light W ^{ly} breezes; foggy to cloudy. Thermometer rising.	8 ENGLAND S.W.	SE ^{ly} winds, moderate and fresh; cloudy, milder.
4 ENGLAND EAST	Calm and light NW ^{ly} breezes; foggy, cold at first, but temperature rising briskly.	9 IRELAND NORTH	E ^{ly} to SE ^{ly} winds, moderate; fair, milder.
5 MIDLAND COUNTIES	8° ——— 8° ——— 8°	10 IRELAND SOUTH	8° ——— 8° ——— 8°
6 ENGLAND SOUTH	8° ——— 8° ——— 8°	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 24th JANUARY 1881.

† YESTERDAY EVENING.						8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.		
Haparanda ...														*				
Hernösand ...														*				
Stockholm ...														*				
Wisby ...														*				
Bodö ...														*				
Christiansund...														*				
†Skudesnaes ...	30.23	26	Z	0	b	29.92	- .18	37	36	+ 17	N	6	0	4	3	19	-	
Oxö (Xlansund) ...														*				
Skagen (The Skaw)														*				
Fanö ...														*				
Cuxhaven ...														*				
†Sumburgh Head	30.14	32	N	1	c	29.88	- .30	39	34	+ 9	NNW	3	f	3	39	28	0.11	
†Stornoway ...														*				
Wick ...	30.23	18	NN	1	b	30.03	- .20	36	33	+ 16	N	4	0	3	36	16	-	
Nairn ...														*				
†Aberdeen ...	30.27	24	Z	0	b	30.12	- .09	27	26	- 3	N	1	0	2	34	14	-	
Leith ...	30.20	25	N	1	f	30.21	- .01	22	21	- 9	N	1	f	*	34	12	-	
†Shields ...	30.26	31	N	1	b	30.26	+ .08	17	17	- 15	N	1	m	3	33	15	0.03	
Spurn Head ...	30.25	31	NNE	1	b	30.29	+ .14	22	22	- 9	NN	2	f	3	32	20	-	
York ...	30.26	26	N	1	b	30.29	+ .12	25	25	- 4	Z	0	f	*	34	15	-	
Nottingham ...	30.28	31	N	1	o	30.32	+ .04	22	22	- 8	Z	0	of	*	37	16	-	
†Ardrossan ...	30.29	29	NE	1	b	30.25	+ .01	26	26	- 6	NE	1	of	0	38	12	-	
†Mullaghmore ...	30.26	33	E	1	c	30.22	- .01	28	27	- 8	E	4	b	2	39	22	-	
Donaghadee ...	30.26	35	NNW	2	b	30.23	+ .02	31	31	+ 1	NNW	2	o	0	38	24	-	
Parsonstown ...	30.28	33	Z	0	f	30.27	- .04	22	22	- 8	Z	0	o	*	34	21	0.08	
Barrow-in-Furness	30.23	29	NE	2	b	30.27	- .04	26	26	- 5	NE	2	b	2	33	25	-	
†Holyhead ...	30.21	35	NNE	3	b	30.23	+ .02	32	32	- 5	SSW	2	f	1	38	30	-	
Liverpool (Biston)	30.25	32	ESE	1	o	30.26	+ .04	22	22	- 11	ESE	2	b	1	33	20	0.06	
†Valentia ...	30.27	37	Z	0	c	30.17	- .15	34	33	+ 5	E	1	b	2	41	27	0.03	
Roche's Point...	30.28	36	N	1	c	30.19	- .11	33	32	+ 4	E	4	b	4	37	29	-	
Pembroke ...														*				
†Scilly ...	30.27	39	ENE	1	o	30.19	- .08	40	38	+ 1	SE	6	o	4	42	37	-	
Prawle Point ...	30.27	31	NNW	2	c	30.24	+ .01	34	32	+ 4	ENE	3	c	3	38	25	-	
Hurst Castle ...	30.26	33	N	1	o	30.28	+ .06	22	21	- 8	E	1	f	2	35	20	-	
†Dover ...	30.22	35	N	2	b	30.30	+ .16	29	27	- 2	NNE	1	af	0	35	26	-	
†London ...	30.25	33	NNW	1	og	30.30	+ .09	24	?	- 9	Z	0	f	*	35	24	-	
Oxford ...	30.29	21	NN	1	c	30.31	+ .09	18	18	- 13	Z	0	f	*	37	11	-	
Cambridge ...	30.26	29	N	1	o	30.32	+ .13	19	19	- 11	Z	0	f	*	35	18	?	
†Yarmouth ...	30.20	34	ENE	4	c/g	30.29	+ .17	32	31	+ 2	SSE	1	b	3	35	28	-	
The Helder ...	30.20	23	E	1	o	30.34	+ .30	16	16	- 16	SSE	1	f	1	?	14	-	
Cape Gris Nez	30.23	34	N	3	c	30.28	+ .16	26	26	- 8	SSE	1	m	0	36	25	-	
†Jersey ...	30.28	36	ESE	1	o	30.27	+ .06	32	30	- 5	S	1	c	1	39	30	-	
Brest ...	30.26	35	SSE	1	o	30.30	- .03	34	32	+ 2	E	4	o	3	36	20	-	
Lorient ...	30.21	36	ENE	3	m	30.18	+ .02	31	29	- 1	ENE	3	b	2	37	30	-	
†Rochefort ...	30.21	30	ENE	5	b	30.17	+ .07	26	25	+ 3	ENE	7	m	2	39	21	-	
Biarritz ...														*				
Corunna ...	*	*	*	*	*				*					*	*	*		
Brussels ...	*	*	*	*	*	30.35	+ .26	21	21	- 7	Z	0	f	*	34	20	-	
Charleville ...	30.15	30	N	1	o	30.30	?	12	11	- 12	E	1	m	*	?	30	-	
Paris ...	30.24	31	?	1	o	30.30	+ .15	30	29	+ 3	Z	0	o	*	*	*	-	
Lyons ...	30.17	17	NN	3	b	30.28	+ .28	12	10	- 8	E	1	o	*	22	10	-	
Toulon ...	29.91	28	NN	7	b	30.09	+ .28	37	33	+ 1	NE	7	b	3	?	27	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Iawes Junction	29.96	28	ENE	3	c	28.96	+ .05	17	17	- 8	E	3	b	*	33	16	-	

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

Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes ...	30.12	24	23	NNE	1	0	2	Valentia ...			
Sumburgh Head								Scilly ...			
Stornoway ...								Dover ...			
Aberdeen ...								London ...			*
Shields ...								Yarmouth ...			
Ardrossan ...								Jersey ...			
Mullaghmore ...								Rochefort ...	30.15	35	32
Holyhead ...									ENE	5	6
											2

EXPLANATION OF COLUMNS.

WEATHER. - Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
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DAILY WEATHER REPORT

FOR

TUESDAY, 25TH JANUARY.

1881.

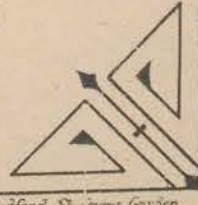
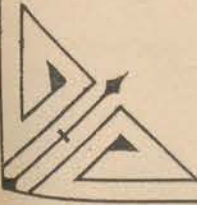
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ROBERT H. SCOTT

(SECRETARY.)

Fred^r Dangerfield Lith 22 Bedford St (over Garden).

WEATHER CHARTS

for 8 a m on Tuesday 25th JANUARY 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.

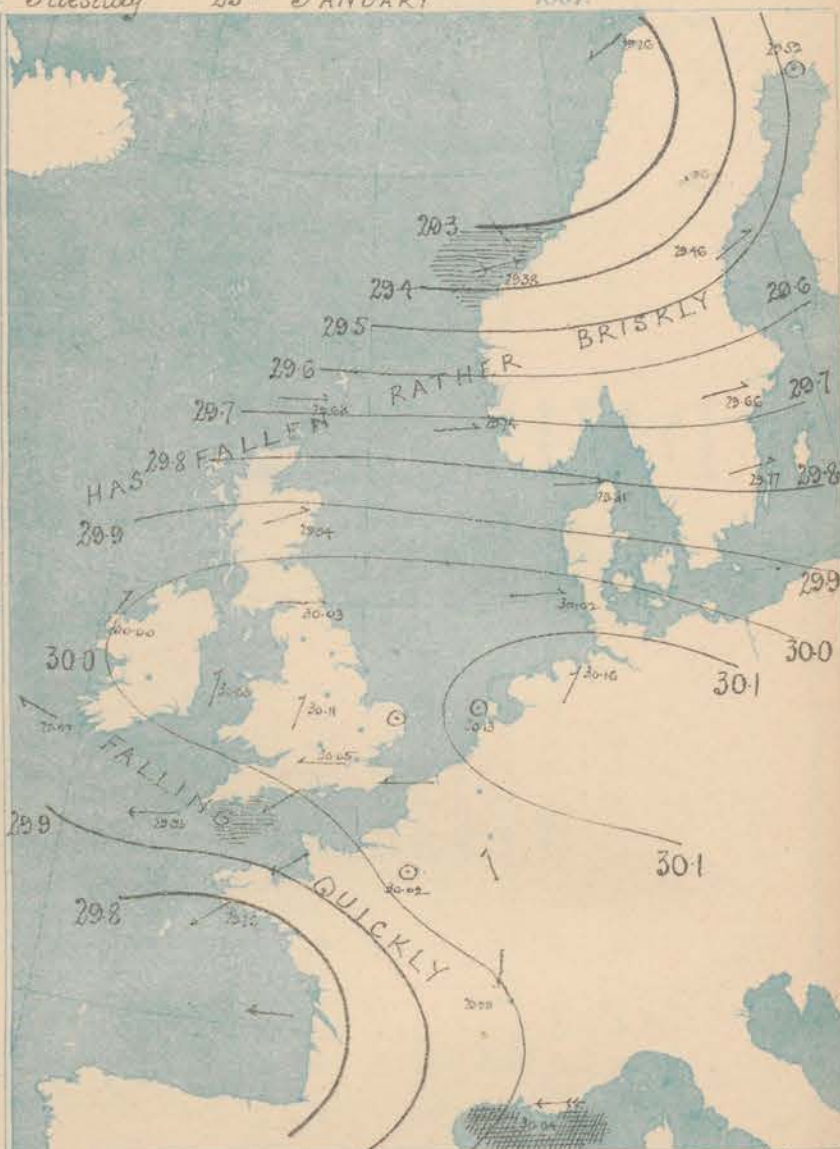
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ force above 10; → force 8 to 10
→ force 5 to 7; → force 1 to 4.
○ dead calm.

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

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

Stations	Mean Readings
	Inch.
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greenock	29.651
Holyhead	29.730
Valencia	29.771
Rochester	29.755
Plymouth	29.866
LONDON	29.869
Vermouth	29.847

* 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 January.

Stations	Temp.	Rain-fall
	°	ins.
Sandwich Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valencia	43.0	7.70
Selly (St Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Vermouth	37.3	2.64

* 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 25th JANUARY 1881 at 8 a.m.

The weather over Western and North Western Europe this morning is as follows:—
An area of high pressure lies over North Germany, and from it an arm of uniformly high readings extends in a W^{ly} direction over the southern part of the North Sea and England to Ireland. In the whole of this area the winds are very light, the air very cold but dry, clear in some places and foggy in others. To the N^W of this area moderate gradients for W^{ly} winds prevail, and with them W^{ly} breezes of moderate strength are found accompanied by rather higher temperature, fair weather in Scotland, but overcast skies in Norway. In the south west, however, there are increasing gradients for E^{ly} winds, and from all the western parts of the Channel as well as on the shores of the Bay of Biscay fresh to strong E^{ly} breezes are reported, with cold cloudy weather and rain at Rochepot. There appears to be a depression advancing towards the north-west of France from the SW^{ly}, and this will probably cause the E^{ly} winds in the south to increase in force, with snow at times. The sea is rather rough in the western half of the Channel, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

26th JANUARY.

ISSUED AT 11 a.m. on previous day.

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	W ^{ly} breezes, moderate or fresh generally; fair.
2 SCOTLAND EAST	W ^{ly} airs and light breezes; fine, cold.
3 ENGLAND N.E.	Calm and light airs, then E ^{ly} breezes; fine and cold, then less settled.
4 ENGLAND EAST	E ^{ly} breezes, freshening; fair at first, then snow.
5 MIDLAND COUNTIES	E ^{ly} to NE ^{ly} breezes, light at first; fair, then increasing, with snow showers.
6 ENGLAND SOUTH	Increasing E ^{ly} winds; snow at times.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Very light breezes and fair cold weather.
7 ENGLAND N.W.	S ^{ly} to E ^{ly} breezes, light to moderate; fair generally.
8 ENGLAND S.W.	E ^{ly} winds, strong to a gale, with snow.
9 IRELAND NORTH	Same as No 6.
10 IRELAND SOUTH	E ^{ly} to NE ^{ly} winds, fresh, cold but dry.
WARNINGS	The north line has been hoisted in District No 8 and part of District 5.

METEOROLOGICAL OBSERVATIONS FOR 25th JANUARY 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.		WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Reading at 8 a.m. yesterday.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Max.	Min.	
Haparanda ...	29.47	7	N	2	b	29.52	+ .22	-17	-17	-	28	Z	0	0	12	-24	-
Hernösand ...	29.54	24	ESE	2	o	29.46	- .08	25	23	-	2	NSH	2	0	32	21	0.20
Stockholm ...	29.58	19	N	2	b	29.46	- .12	28	27	+	13	N	6	b	?	1	-
Wisby ...	29.79	32	N	4	b	29.77	- .10	33	32	+	2	N	4	0	?	14	-
Bodö ...	29.39	19	NSH	2	o	29.26	- .13	15	13	-	4	ENE	4	0	19	14	-
Christiansund...	29.31	32	N	9	o	29.35	- .25	33	32	-	1	NSH	9	0	36	23	0.32
†Skudesnaes ...	29.83	36	Z	0	o	29.74	- .18	38	37	+	1	N	4	0	?	36	-
Oxö (Xiänsund) ...	29.81	30	SH	6	b	29.77	- .24	34	33	+	8	SH	4	0	32	?	-
Skagen (The Skaw)	29.86	31	NNW	4	o	29.81	- .16	35	35	+	4	N	4	b	?	30	-
Fanö ...	30.09	32	N	4	o	30.02	- .16	32	31	+	1	N	4	0	?	30	-
Cuxhaven ...	30.23	17	SH	1	b	30.16	- .18	11	11	-	3	SH	1	m	19	9	-
†Sumburgh Head	29.82	39	N	4	b	29.68	- .20	39	37	0	0	N	4	b	40	35	0.12
†Stornoway ...																	
Wick ...	29.94	35	NW	3	b	29.83	- .20	33	32	-	3	N	3	b	39	31	-
Nairn ...	30.02	34	SH	2	o	29.90	- .12	35	32	-	0	SSE	2	0	37	32	-
†Aberdeen ...	30.03	34	N	1	o	29.94	- .18	27	27	0	0	NSH	1	0	38	25	-
Leith ...	30.12	33	NN	3	o	30.00	- .21	26	24	+	4	NN	1	0	34	21	-
†Shields ...	30.16	28	N	1	b	30.03	- .23	26	26	+	9	N	2	b	31	16	-
Spurn Head ...																	
York ...	30.21	23	S	1	f	30.08	- .21	17	17	-	8	S	1	f	27	17	-
Nottingham ...	30.23	22	Z	0	o	30.11	- .21	11	10	-	11	SSW	1	of	26	11	-
†Ardrossan ...	30.14	37	NSH	1	b	30.01	- .24	37	36	+	11	SH	2	0	37	24	-
†Mullaghmore ...	30.14	27	NSH	1	b	30.00	- .22	37	27	-	1	SH	2	0	37	25	-
Donaghadee ...	30.15	33	NN	2	o	30.02	- .21	28	28	-	3	SSW	1	b	35	20	-
Parsonstown ...	30.16	25	Z	0	o	30.04	- .23	19	19	-	3	Z	0	b	30	19	-
Barrow-in-Furness	30.19	28	NE	2	o	30.08	- .19	18	17	-	8	ENE	3	f	34	18	-
†Holyhead ...	30.18	35	SSW	1	m	30.03	- .20	33	32	+	1	SSW	1	f	36	31	0.02
Liverpool (Bidston)	30.17	27	SE	1	b	30.05	- .21	18	18	-	4	ESE	1	0	31	18	-
†Valentia ...	30.09	35	Z	0	b	29.97	- .20	37	36	+	3	ESE	3	b	44	30	-
Roche's Point...	30.13	35	E	3	b	29.96	- .23	35	34	+	2	E	4	0	38	31	-
Pembroke ...	30.12	35	ESE	4	b	30.00	- .18	28	26	-	11	E	3	0	38	27	-
†Scilly ...	30.08	40	E	6	o	29.93	- .26	37	35	-	3	E	6	0	42	34	0.20
Prawle Point ...	30.11	35	ENE	3	o	29.92	- .32	30	30	-	4	ENE	5	0	38	?	26
Hurst Castle ...	30.19	26	ENE	3	f	30.06	- .28	19	19	-	3	ENE	4	b	30	19	-
†Dover ...	30.24	28	SSE	1	b	30.04	- .26	23	24	-	4	E	3	b	32	23	-
†London ...	30.23	28	NE	1	og	30.05	- .25	24	?	0	0	E	2	0	29	24	-
Oxford ...	30.20	17	Z	0	f	30.04	- .27	20	20	+	2	Z	0	of	23	16	-
Cambridge ...	30.23	20	Z	0	o	30.09	- .23	21	21	+	2	Z	0	0	24	18	-
†Yarmouth ...	30.22	28	SH	2	of	30.08	- .21	20	20	-	12	Z	0	cm	32	18	-
The Helder ...	30.25	19	SSE	1	f	30.13	- .21	14	14	-	2	SSW	1	f	19	14	-
Cape Gris Nez ...	30.23	25	SE	1	o	30.05	- .23	12	12	-	14	ESE	1	m	28	12	-
†Jersey ...	30.15	31	E	3	cm	29.92	- .35	26	25	-	6	ENE	4	b	38	23	-
Brest ...	30.26	31	E	3	b	29.86	- .34	24	23	-	10	E	4	0	37	23	-
Lorient ...	29.97	32	E	4	b	29.78	- .42	23	23	-	8	ENE	7	0	36	21	-
†Rocheport ...	29.92	33	E	7	o	29.72	- .45	35	34	+	9	E	5	r	39	21	0.12
Biarritz ...																	
Corunna ...	*	*	*	*	*					*					*	*	*
Brussels ...	*	*	*	*	*	30.08	- .27	?	?	?	?	NE	?	?	22	-1	?
Charleville ...	30.25	17	S	1	b	30.04	- .29	12	11	0	0	SSE	4	b	26	8	-
Paris ...	30.19	23	ENE	3	o	30.02	- .28	19	18	-	11	Z	0	0	*	*	-
Lyons ...	30.17	16	E	1	o	29.99	- .29	19	19	+	7	N	1	S	24	?	0.12
Toulon ...	30.08	38	E	9	o	30.04	- .05	31	31	-	6	E	11	S	41	30	-

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

Hawes Junction	28.88	19	SH	2	b	28.75	- .21	16	16	-	1	Z	0	b	30	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 ...	29.74	37	36	W	5	r	5	Valentia ...	30.11	40	37	ESE	3	c	4
Sumburgh Head	29.87	37	35	NW	4	e	3	Scilly ...	30.12	39	38	S	3	ow	3
Stornoway ...								Dover ..	30.25	31	30	E	1	con	0
Aberdeen ...	30.05	36	34	NSE	1	c	3	London ...	30.24	27	?	Z	0	ogf	*
Shields ...	30.18	31	31	W	1	m	2	Yarmouth ...	30.26	28	28	SW	1	of	3
Ardrossan ...	30.18	37	36	NSE	2	o	2	Jersey ...	30.19	36	34	ESE	2	b	2
Mullaghmore ...	30.18	34	32	E	3	b	2	Rocheport ...	? 30.03	33	30	ESE	7	b	4
Holyhead ...	30.18	36	35	SE	2	m	1								

Pressure is decreasing everywhere, but the change is slight and the anticyclone still holds. The winds are very light and the weather dull with mist or fog. Temperature ranges from 27° in London to 40° at Valentia.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

WEDNESDAY, 26th JANUARY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

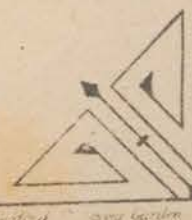
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ROBERT H. SCOTT

(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on Wednesday 26th JANUARY 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:
→ forces above 10; → forces 8 to 10;
→ forces 5 to 7; → forces 1 to 4.

☉, dead calm.

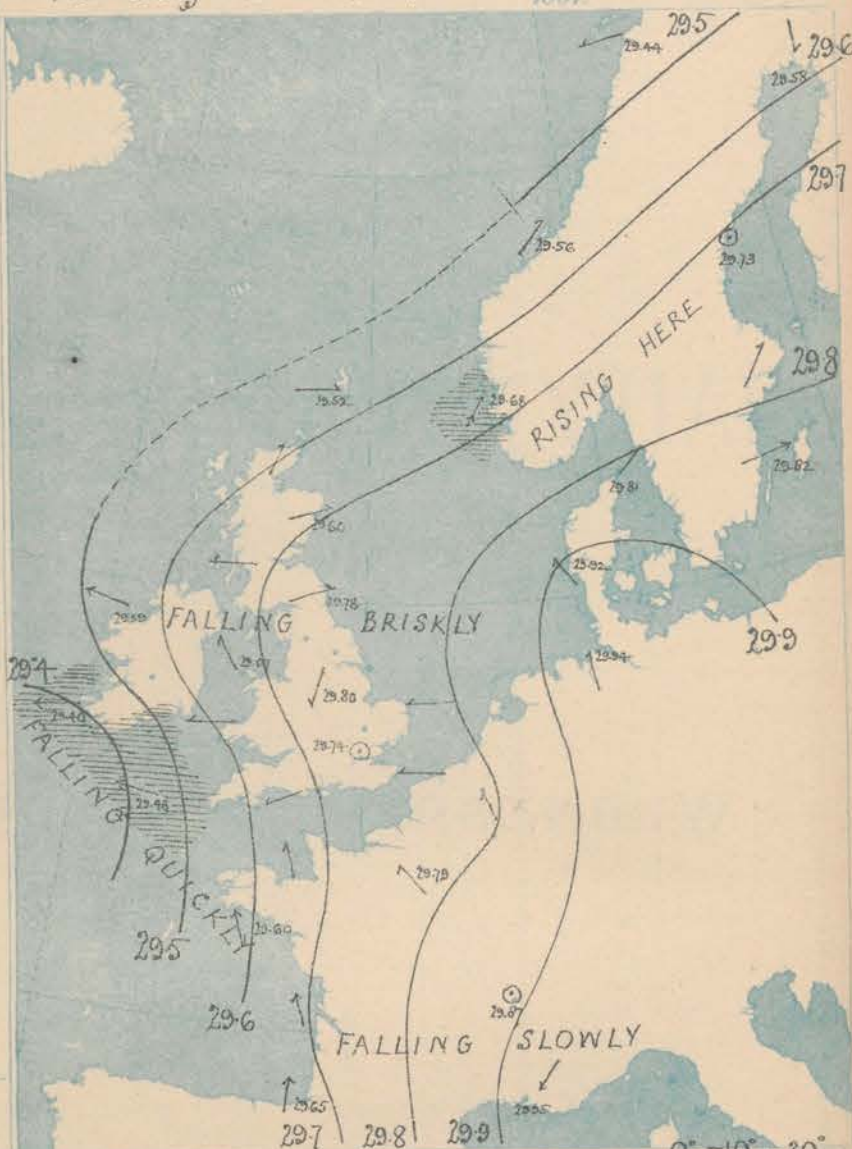
Sea Disturbance, where considerable, is shown by shading round the coast, thus: - Rough; - High.

MEAN* HEIGHT of the BAROMETER

for the month of January.

Stations	Mean Readings
Norwich	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greenock	29.651
Holyhead	29.730
Valencia	29.721
Rushy Pt	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

* 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.

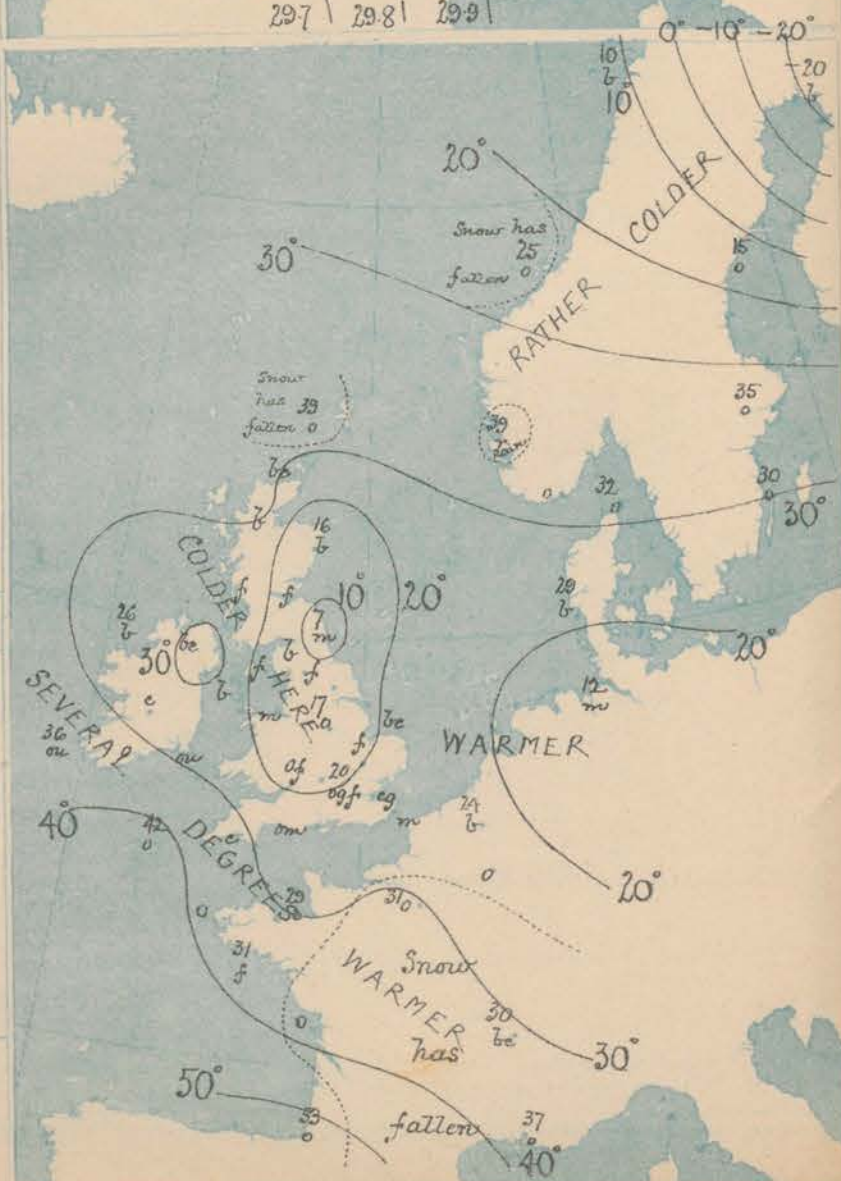
MEANS* OF TEMPERATURE

AND RAINFALL,

for the month of January.

Stations	Temp.	Rain-fall
Sunderburgh Head	39.0	3.00
Scarborough	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Malborough	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valencia	43.0	7.70
Sally (St Mary's)	45.2	5.23
Ilust. Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Ermouth	37.3	2.64

* 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 WEDNESDAY 26TH JANY 1881 at 8 a.m.

In the course of the past night a fresh fall of the barometer has set in over the United Kingdom, the change since 6pm amounting to nearly half an inch at Valentia. The centre of a well-formed depression has appeared off the south-west of Ireland, and appears likely to move in an E^{ly} or SE^{ly} direction over our southern districts - The wind has shifted to the E^{ly} and SE^{ly} again at our western and southern stations, and is increasing in force over all the south-western districts, with a threatening appearance of the sky in several places and a rising sea. In the north-east and east the weather is at present fine - Temperatures became very low over England during the night, and continues so in the north-east, the thermometer at Shields being as low as 7°; in the west and south, however, it is rising steadily, and is as high as 42° at Bally. The sea is rough in the south-west, moderate at present off Dover.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

27TH JANUARY

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Sh ^{ly} and S ^{ly} breezes, moderate or light; fine, cold.	6 SCOTLAND WEST	SE ^{ly} winds, strong at the more southern stations; unsettled, snow in places.
2 SCOTLAND EAST	8° 8° 8°	7 ENGLAND N.W.	8° 8° 8°
3 ENGLAND NE	Variable breezes, finally becoming E ^{ly} ; fine at first, then perhaps some snow.	8 ENGLAND S.W.	SE ^{ly} to NE ^{ly} gales; dull, much snow.
4 ENGLAND EAST	E ^{ly} winds, increasing in force; fine at first, then probably snow.	9 IRELAND NORTH	E ^{ly} winds, strong to a gale, with snow squalls.
5 MIDLAND COUNTIES	8° 8° 8°	10 IRELAND SOUTH	8° 8° 8°
6 ENGLAND SOUTH	E ^{ly} winds, becoming strong; fair at first, then snow.	WARNINGS	The north cone has been hoisted in districts 3, 5, 8 and 10, and the southern parts of districts 7 and 9.

METEOROLOGICAL OBSERVATIONS FOR 26th JANUARY 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.			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 ...	29.40	1	E	2	0		29.38	+ .06	— 20	— 20	— 3	N	2	0		*	1	— 20	—
Hernösand ...	29.46	24	N	2	0		29.78	+ .27	15	14	— 10	Z	0	0		*	28	0	—
Stockholm ...	29.62	32	SW	6	0	?	29.69	+ .07	35	33	+ 37	SW	2	0		*	?	19	—
Wisby ...	29.77	33	WSW	6	0		29.81	+ .04	30	29	— 3	WSW	6	0		*	?	25	—
Bodö ...	29.22	15	NE	2	0		29.44	+ .18	10	9	— 5	ENE	4	0		*	16	9	—
Christiansund ...	29.24	26	NNW	4	0		29.36	+ .12	25	23	— 8	SW	2	0		4	3	14	0.39
† Skudesnaes ...	29.70	39	WSW	6	+		29.68	— .02	39	37	+ 1	SW	8	+	5		41	37	—
Oxö (Xilansund) ...	29.74	36	SW	6	0		29.75	— .01	36	34	+ 2	SW	4	0		2	36	34	—
Skagen (The Skaw) ...	29.81	33	WSW	3	0		29.81	— .00	32	31	— 3	SW	4	0		3	36	32	—
Fanö ...	29.98	28	W	1	0		29.92	— .06	29	28	— 0	SE	1	0		*	32	12	—
Cuxhaven ...	30.16	12	S	1	0		29.94	— .22	12	12	+ 1	SSW	1	m		*	18	5	—
† Sumburgh Head ...	29.60	40	W	5	0		29.52	— .08	39	37	— 0	W	4	0		4	42	26	0.07
† Stornoway ...																			
Wick ...	29.74	37	W	3	0		29.58	— .16	29	28	— 4	SSW	3	0		2	38	25	—
Nairn ...	29.79	35	W	0	0		29.62	— .17	36	36	— 5	SW	1	0		1	38	26	—
† Aberdeen ...	29.64	28	WSW	1	0		29.66	— .02	16	15	— 11	WSW	1	0		1	38	9	—
Leith ...	29.91	29	NW	2	0		29.72	— .19	17	17	— 9	W	1	f		*	37	11	—
† Shields ...	29.93	28	W	2	m		29.78	— .15	7	7	— 19	WSW	2	m		2	34	7	—
Spurn Head ...																			
York ...	29.99	14	SSW	1	f		29.78	— .21	15	15	— 2	Z	0	f		*	18	13	—
Nottingham ...	29.99	17	Z	0	0		29.80	— .19	17	16	+ 6	NNE	1	0		*	19	10	—
† Ardrossan ...	29.90	35	SW	1	0		29.69	— .21	27	27	— 10	E	1	f		0	39	26	—
† Mullaghmore ...	29.87	35	E	4	0		29.59	— .28	26	26	— 1	ESE	5	0		3	38	26	—
Donaghadee ...	29.91	27	WSW	2	0		29.67	— .24	34	34	+ 6	SW	4	0		2	39	24	—
Parsonstown ...	29.93	26	ENE	1	+		29.59	— .34	27	26	+ 8	SE	1	0		*	35	15	—
Barrow-in-Furness ...	29.74	27	ENE	2	0		29.77	— .03	16	16	— 2	E	4	f		3	30	15	2.08
† Holyhead ...	29.92	34	Z	0	0		29.67	— .25	27	27	— 6	SE	2	0		2	38	26	—
Liverpool (Bidston) ...	29.94	19	ESE	2	0		?	?	17	17	— 1	ESE	2	m		1	21	9	—
† Valentia ...	29.86	35	E	3	0		29.40	— .46	36	34	— 1	E	6	0		6	43	31	—
Roche's Point ...	29.29	35	ESE	4	0		29.48	— .19	38	37	+ 3	SE	6	0		5	39	23	—
Pembroke ...	29.87	29	E	2	0		29.57	— .30	27	26	— 1	E	4	0		3	30	21	—
† Scilly ...	29.86	31	ENE	4	0		29.48	— .38	42	40	+ 5	ESE	7	0		6	42	30	—
Prawle Point ...	29.84	27	ENE	4	0		29.60	— .24	33	33	+ 3	ENE	4	0		4	34	22	—
Hurst Castle ...	29.86	27	NE	5	0		29.70	— .16	27	27	+ 8	ENE	4	0		4	29	19	—
† Dover ...	29.87	29	ENE	3	0		29.74	— .13	29	27	+ 4	E	2	0		1	30	23	—
† London ...	29.91	25	ENE	3	0		29.74	— .17	20	19	— 4	Z	0	ofg		*	30	17	—
Oxford ...	29.93	18	E	2	0		29.75	— .18	18	18	— 2	NE	1	0		*	22	18	—
Cambridge ...	29.95	20	Z	0	0		29.75	— .20	14	14	— 7	Z	0	f		*	26	18	—
† Yarmouth ...	29.93	29	ENE	4	0		29.75	— .18	28	28	+ 8	E	3	0		3	30	20	—
The Helder ...																			
Cape Gris Nez ...	29.87	19	E	3	m		29.77	— .10	24	24	+ 12	E	1	m		1	?	12	—
† Jersey ...	29.79	32	ENE	3	0		29.69	— .10	29	29	+ 3	SSE	3	0		3	32	25	—
Brest ...	29.83	31	SE	3	0		29.57	— .26	33	32	+ 9	SE	5	0		4	37	23	—
Lorient ...	29.72	30	ENE	3	0		29.60	— .12	31	31	+ 8	SSE	7	f		4	?	21	—
† Rochefort ...	29.74	37	NNW	4	0		29.71	— .03	36	35	+ 1	SSE	5	0		2	41	28	0.16
Biarritz ...	29.85	49	SSW	7	0		29.65	— .20	53	46	+ 3	S	7	0		2	?	43	—
Coruna ...	*	*	*	*	*				*	*							*	*	*
Brussels ...	*	*	*	*	*		29.79	— .29	24	23	?	ESE	?	0		*	?	?	—
Charleville ...	29.88	22	SSE	4	0		29.88	— .24	24	23	+ 12	SSE	4	0		*	28	10	—
Paris ...	29.79	27	NE	4	0		29.79	— .23	38	30	+ 12	SE	1	0		*	*	*	0.12
Lyons ...	29.87	29	WSW	1	0		29.87	— .12	30	30	+ 11	WSW	1	0		0	35	?	0.28
Toulon ...	29.97	34	E	11	0		29.95	— .02	37	37	+ 6	NE	5	0		?	37	?	0.04
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction ...	28.65	20	SSE	2	0		28.46	— .19	6	6	— 10	NE	2	0		*	32	5	—

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.72	41	39	WSW	6	0	5	Valentia ...	29.90	41	38	ESE	4	0	4
Sumburgh Head	29.62	41	38	W	5	0	4	Scilly ...	29.87	35	33	ENE	5	0	5
Stornoway ...								Dover ..	29.92	28	27	E	3	0	1
Aberdeen ...	29.87	33	31	WSW	1	0	1	London ...	29.94	29	?	E	3	0	*
Shields ...	29.96	32	32	W	2	0	2	Yarmouth ...	29.97	30	30	ENE	3	0	3
Ardrossan ...	29.94	38	37	SW	3	0	2	Jersey ...	29.81	29	27	ENE	4	0	3
Mullaghmore ...	29.93	35	33	SW	4	0	2	Rochefort ...	29.67	38	37	NE	3	0	2
Holyhead ...	29.95	38	36	SW	1	0	0								

Pressure is decreasing everywhere—most in the SE. Cold dry weather still prevails over our islands, with W¹ winds in the N district, S¹ in Ireland, and E¹ in the S and SE-part of England.

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

THURSDAY, 27TH JANUARY.

1881.

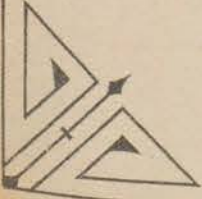
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METEOROLOGICAL OFFICE

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ROBERT H. SCOTT

(SECRETARY.)



WEATHER CHARTS

for 8 a.m. *Thursday* 27th JANUARY

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.

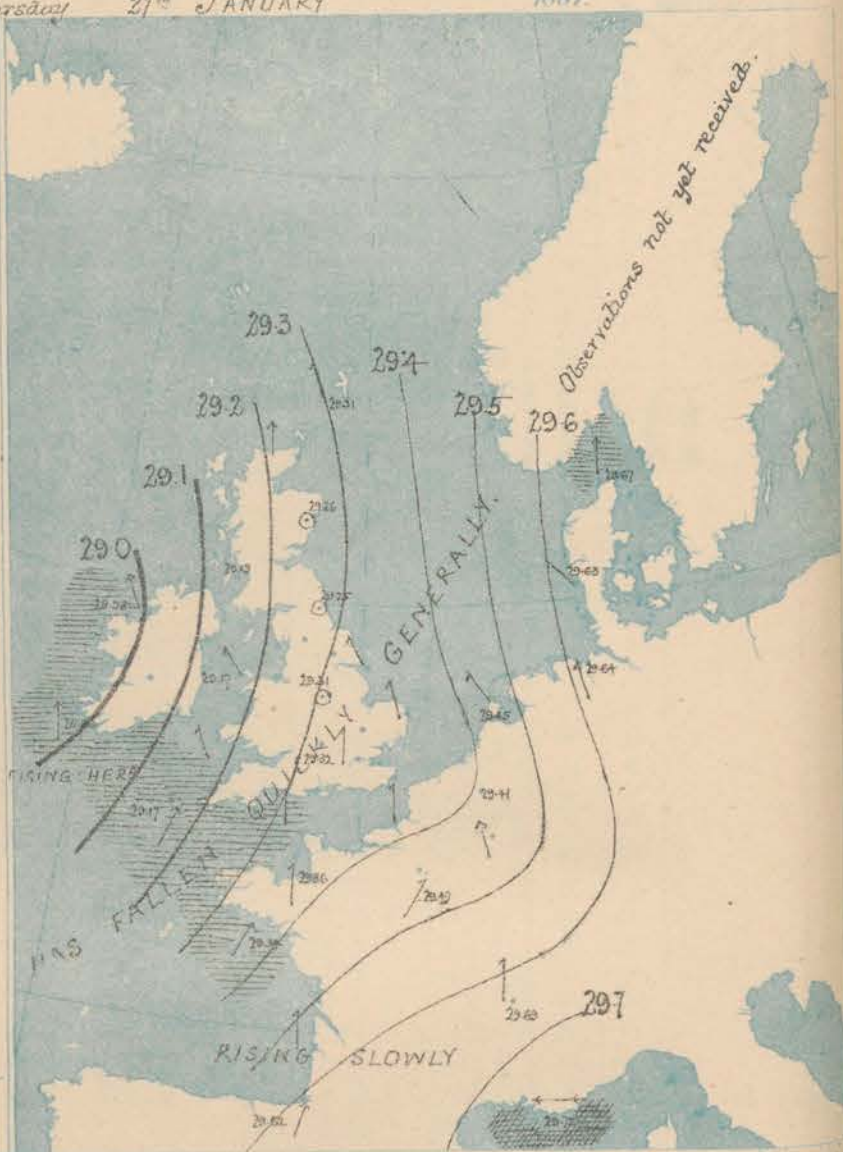
Wind. Arrows show the prevalent winds. They fly with the wind, and their backs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10
→ forces 5 to 7; → forces 1 to 4.
○ Dead calm.

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

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

Stations	Mean Readings In.
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greenocastle	29.651
Holyhead	29.730
Valentia	29.777
Rechy's Pt.	29.765
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

* 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.

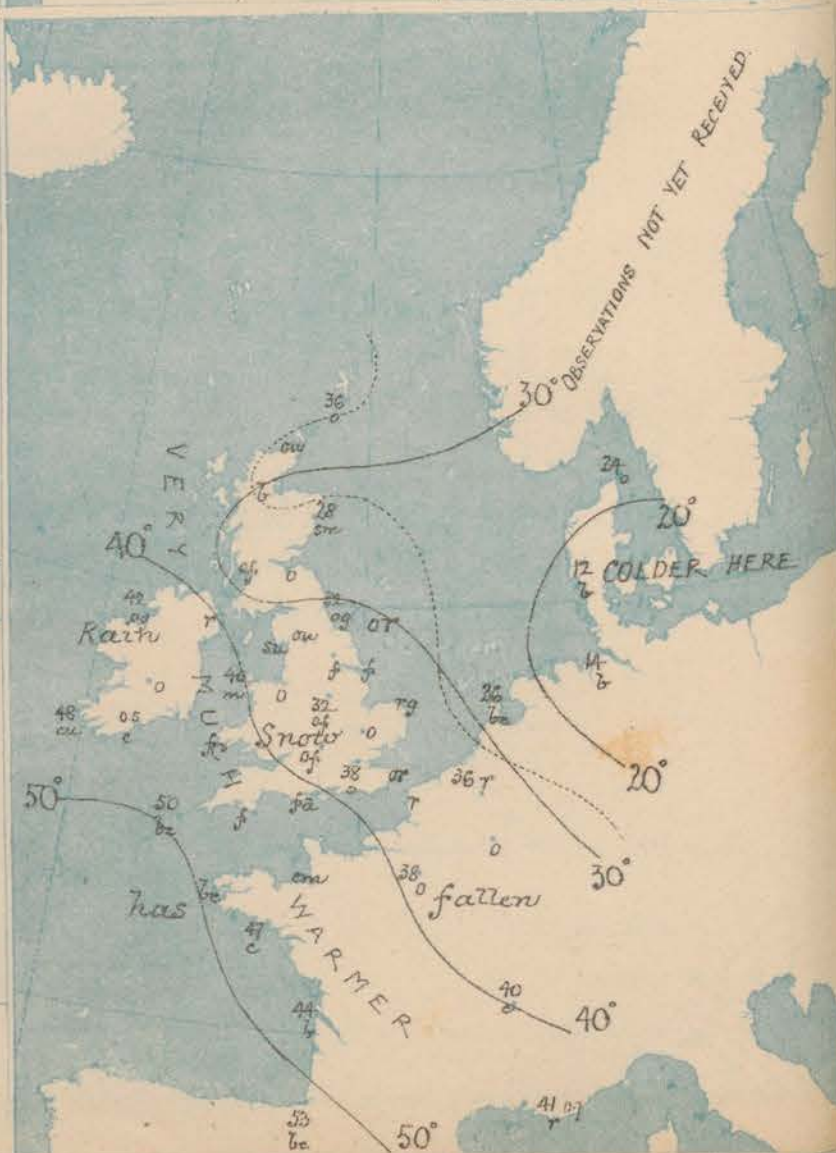
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

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

Stations	Temp.	Rain-fall in.
Sandburgh Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St. Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Firmouth	37.3	2.64

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



REMARKS

for THURSDAY 27th JANUARY 1881 at 8 a.m.

The depression whose centre reached our south-west coasts yesterday has changed its course during the night, and, moving N^W, has passed away again to the Atlantic, and partially dispersed. The E^{ly} gale in the west and South west has died down; S^{ly} winds have become general over the United Kingdom, and have brought with them a considerable rise of temperature, fog and rain in several places and sleet in others. Temperature now varies from between 48° and 50° on our extreme south west coasts to between 20° and 28° over Scotland, where, however, the thermometer is rising briskly. On the eastern shores of the North Sea the frost still holds. The sea has gone down considerably in the south-west, but is still rather rough; at Dover it is slight and at Holyhead smooth.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

28th JANUARY.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SE ^{ly} to S ^{ly} breezes; dull, sleet and rain at times.	6 SCOTLAND WEST	Same as No. 0.
2 SCOTLAND EAST	8° 8° 8°	7 ENGLAND N.W.	Same as No. 0.
3 ENGLAND N.E.	S ^{ly} to S ^W breezes, moderate; dull, rain or sleet at times.	8 ENGLAND S.W.	S ^W breezes, fresh; mild, changeable.
4 ENGLAND EAST	8° 8° 8°	9 IRELAND NORTH	S ^{ly} and S ^W breezes, strong to moderate, rainy at times, changeable.
5 MIDLAND COUNTIES	8° 8° 8°	10 IRELAND SOUTH	8° 8° 8°
6 ENGLAND SOUTH	8° 8° 8°	WARNINGS	The signals hoisted yesterday are all lowered this morning.

METEOROLOGICAL OBSERVATIONS FOR 27th JANUARY 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 (Christiansund)...																		
Skagen (The Skaw)	29.82	10	SW	5	b	29.67	— .14	24	22	— .2	S	5	a	5	32	?	—	
Fanö ...	29.75	9	SE	6	b	29.63	— .12	12	12	— .17	SE	4	b	*	?	9	—	
Cuxhaven ...	29.86	13	SSE	2	b	29.64	— .30	14	14	— .1	SSE	2	b	*	17	9	—	
†Sumburgh Head ...	29.46	36	WSW	2	b	29.31	— .21	36	32	— .3	SSE	1	0	2	39	32	—	
†Stornoway ...																		
Wick ...	29.47	27	SSW	1	b	29.22	— .36	36	35	— .7	S	5	ow	4	36	15	—	
Nairn ...	29.56	24	Z	0	b	29.20	— .42	20	20	— .10	Z	0	b	1	32	15	—	
†Aberdeen ...	29.52	26	Z	0	b	29.26	— .40	28	28	— .12	Z	0	Sm	1	30	12	0.01	
Leith ...	29.52	26	SE	1	b	29.24	— .48	27	26	— .10	SE	1	0	*	33	13	0.02	
†Shields ...	29.56	22	WSW	2	m	29.25	— .53	32	32	— .25	Z	0	og	2	32	6	0.03	
Spurn Head ...																		
York ...	29.24	25	E	1	0	29.28	— .06	33	33	— .18	Z	0	f	*	33	25	0.08	
Nottingham ...	29.53	23	E	1	b	29.31	— .49	32	32	— .15	Z	0	of	*	32	17	0.08	
†Ardrossan ...	29.47	25	NE	2	b	29.19	— .50	25	25	— .2	NE	4	of	2	31	25	0.02	
†Mullaghmore ...	29.23	34	E	6	omg	28.98	— .61	42	41	— .16	SSE	6	og	5	42	26	0.08	
Donaghadee ...	29.38	34	ESE	6	0	29.13	— .54	44	41	— .7	ESE	5	f	3	41	31	0.07	
Parsonstown ...	29.19	34	SE	5	s	29.07	— .52	40	40	— .13	S	1	0	*	41	26	0.06	
Barrow-in-Furness ...	29.47	24	ENE	4	b	29.26	— .51	32	32	— .16	NE	2	su	2	32	15	0.09	
†Holyhead ...	29.34	31	E	2	0	29.17	— .50	40	39	— .13	SE	2	m	2	40	26	0.07	
Liverpool (Bidston) ...	29.40	25	ESE	3	0	29.23	— .50	32	32	— .15	ESE	3	0	2	32	17	0.14	
†Valentia ...	28.90	43	E	8	f	28.99	— .41	48	47	— .12	S	6	cu	5	51	35	0.44	
Roche's Point ...	29.07	40	SE	8	r	29.06	— .42	43	42	— .5	S	4	c	5	45	37	0.34	
Pembroke ...	29.19	33	E	6	s	29.16	— .41	43	43	— .16	SSE	3	f	4	45	26	0.16	
†Scilly ...	29.13	30	SSE	5	c	29.17	— .31	30	30	— .8	SSW	5	b	6	38	40	0.22	
Prawle Point ...	29.27	40	ESE	5	r	29.25	— .35	45	45	— .12	SSE	3	f	5	46	33	0.17	
Hurst Castle ...	29.40	35	SSE	4	0	29.31	— .39	43	43	— .16	S	2	fd	2	43	26	0.21	
†Dover ...	29.58	34	S	4	0	29.34	— .40	38	37	— .9	WSW	1	or	3	39	28	0.34	
†London ...	29.51	32	ESE	2	ogm	29.32	— .42	38	38	— .18	S	2	0	*	38	19	0.15	
Oxford ...	29.40	30	E	3	s	29.31	— .44	36	36	— .18	Z	0	of	*	36	18	0.16	
Cambridge ...	29.55	28	Z	0	om	29.34	— .41	35	35	— .21	S	1	0	*	35	13	0.01	
†Yarmouth ...	29.58	34	SSE	4	c	29.35	— .40	35	34	— .7	SSE	2	tg	4	35	27	0.11	
The Helder ...	29.65	27	SE	1	c	29.45	— .37	26	25	— .13	SE	1	b	1	28	?	—	
Cape Gris Nez ...	29.63	29	S	4	m	29.26	— .41	37	37	— .13	S	4	r	2	?	?	0.20	
†Jersey ...	29.39	39	SE	4	f	29.36	— .38	43	43	— .14	S	2	cm	3	44	28	0.46	
Brest ...	29.25	48	SSW	5	0	29.36	— .21	47	45	— .14	SW	3	b	6	?	32	0.35	
Lorient ...	29.29	48	S	4	m	29.34	— .26	47	46	— .16	SW	5	c	5	48	45	0.43	
†Rochefort ...	29.45	42	SSE	7	r	29.51	— .20	44	42	— .8	S	3	b	2	45	30	0.39	
Biarritz ...	29.44	58	SW	8	e	29.62	— .03	53	45	— .0	SSW	5	b	2	63	46	—	
Corunna ...	*	*	*	*	*			*	*		*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	29.41	— .38	36	36	— .12	SSE	3	r	*	?	?	0.08	
Charleville ...	29.69	32	SSE	4	b	29.45	— .38	35	33	— .11	SSE	7	0	*	36	?	0.39	
Paris ...	29.61	38	?	3	0	29.47	— .32	38	37	— .7	SW	3	0	*	*	*	—	
Lyons ...	29.71	39	S	8	c	29.69	— .18	40	37	— .10	S	3	c	*	43	?	0.20	
Toulon ...	29.91	42	E	4	0	29.72	— .19	41	41	— .4	E	8	r	7	43	37	0.71	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.25	17	E	4	b	28.00	— .46	28	28	— .22	E	3	ow	*	28	2	—	

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

Hawes Junction	28.25	17	E	4	b		28.00	— .25	28	28	— .22	E	3	ou	*	28	2	—
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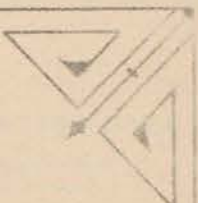
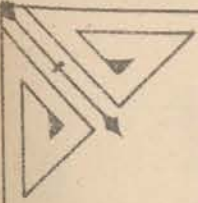
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.68	37	34	SSW	8	0	6	Valentia ...	29.08	41	39	E	7	omg	6
Sumburgh Head ...	29.50	38	35	W	4	c	3	Scilly ...	29.19	44	44	ESE	9	r	7
Stornoway ...								Dover ..	29.61	33	32	S	2	osp	1
Aberdeen ...	29.59	28	27	SSW	1	b	1	London ...	29.58	28	27	E	2	ogf	*
Shields ...	29.64	20	20	WSW	2	m	2	Yarmouth ...	29.65	33	32	SSE	3	b	3
Ardrossan ...	29.56	31	30	E	1	b	1	Jersey ...	29.49	35	34	SSE	4	r	3
Mullaghmore ...	29.40	31	29	E	6	ogm	4	Rochefort ...	29.53	41	41	SE	5	r	2
Holyhead ...	29.47	34	32	E	4	0	3								

The depression in the SW is advancing slowly to the E, and is apparently growing much deeper. A strong ESE gale is blowing at Scilly, with rain, and the E wind in Ireland is increasing considerably in force. The N. Cloud is flying on all but the N. and E. Scotch coasts.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

FRIDAY, 28th JANUARY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


S. W.

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ROBERT H. SCOTT

(SECRETARY.)



Fred^s Dingerfield Lith 22 Bedford St. Court Gard.

WEATHER CHARTS

for 8 a.m. on Friday 28th JANUARY

1861

BAROMETER, WIND & SEA

Explanation of Map.

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

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

☉ - dead calm.

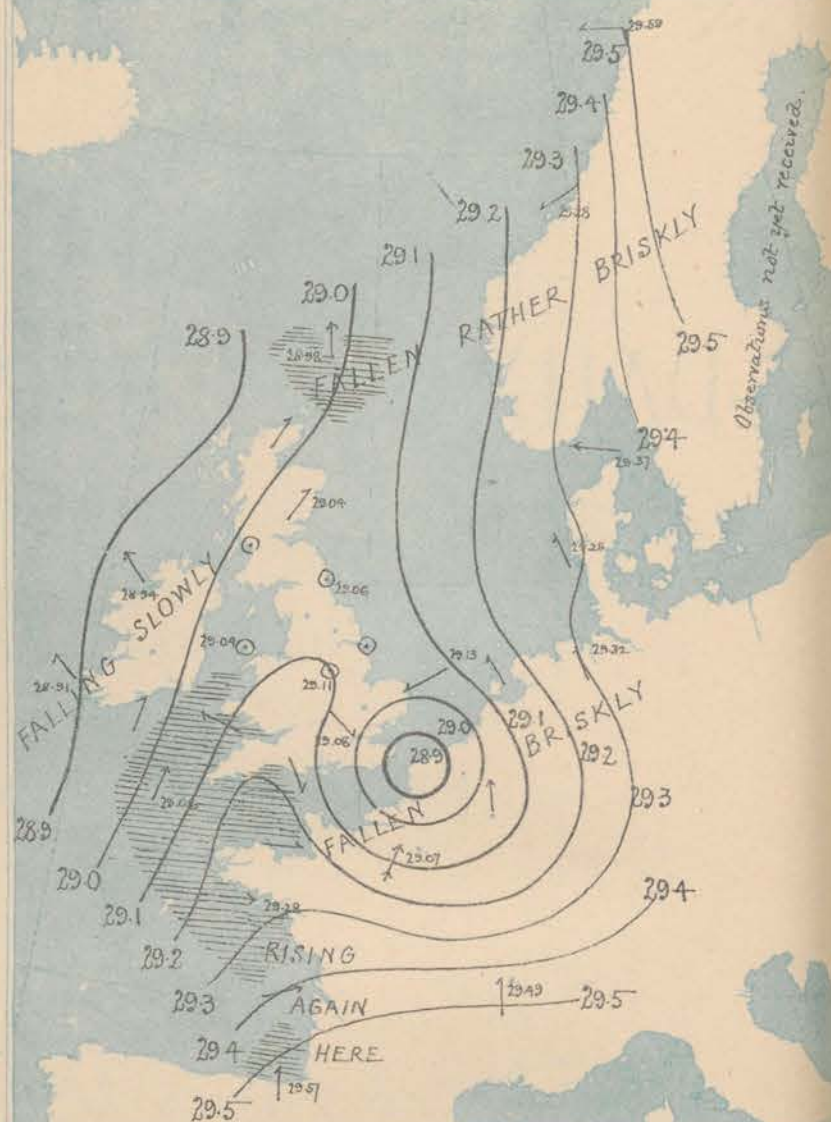
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greencastle	29.651
Holyhead	29.730
Valentia	29.721
Roche's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

* 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.

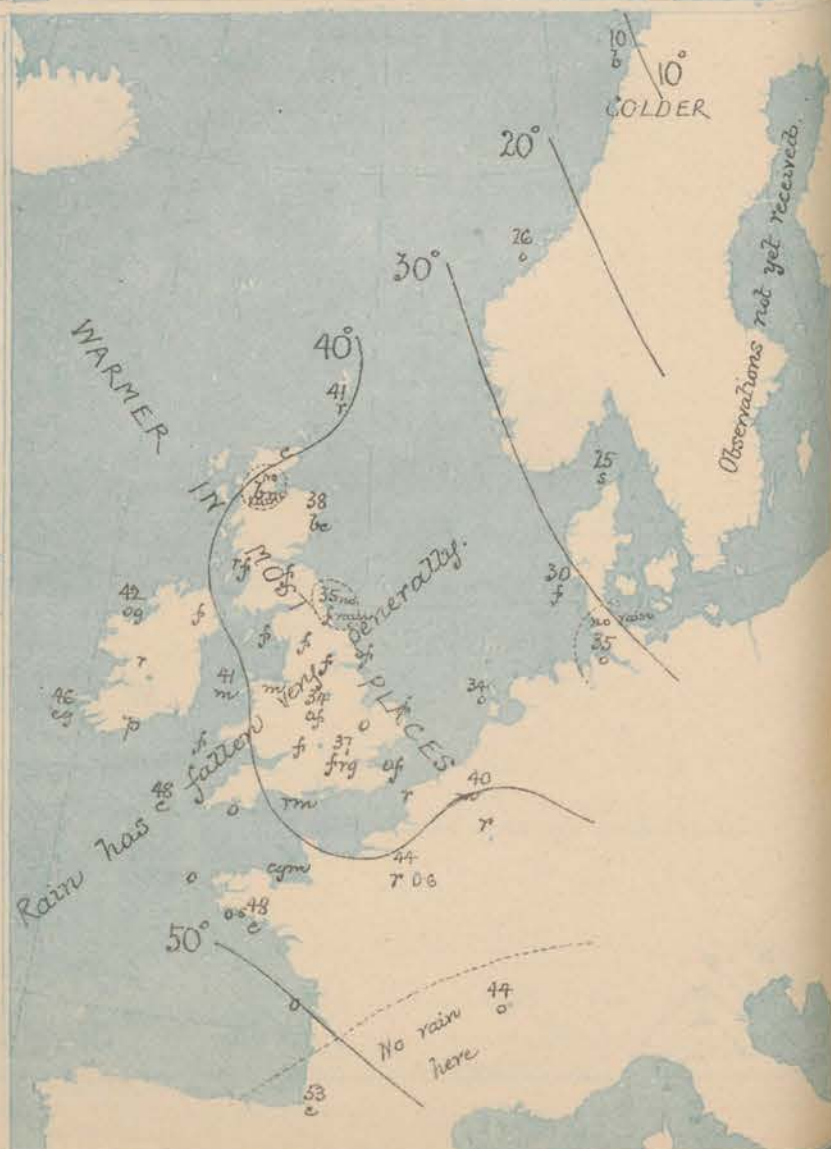
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of January

Stations	Temp.	Rain-fall
Scardurgh Head	39.0	3.00
Sarnoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.25
Hurst Castle	40.3	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

* 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, 28th JAN^y 1881 at 8 a.m.

During the past twenty-four hours the barometer has continued to fall in all parts of the United Kingdom, and readings now vary from about 29.6 ins over Sweden to 28.9 ins off the west of Ireland. Sth and SEth winds consequently prevail on most of our coasts and the tides continue. In the course of the past night, however, a small but well-formed depression has advanced rapidly in a NEth direction across France, and its centre is now over Belgium, where the barometer is as low as it is off our extreme western coasts. The effect of this depression has been to produce Sth gales and heavy rain over the greater part of France, while the wind over our south-eastern counties has been drawn temporarily into NW or NE, but is very light in force and is accompanied by cold rain in several places. Thick fog is reported over nearly the whole of England, fine weather in Scotland and gloomy, showery weather in Ireland. The sea is still rough off our south-west coasts, moderate to smooth elsewhere. The barometer still falls steadily in the west, and the wind there remains Sth to SEth in direction, though moderate in force. Under these circumstances the South Lane has been allowed to remain up in the SW, but has been lowered on our south-east coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

29th JANUARY

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

Wind Sth, fresh or strong; rain at times.

2 SCOTLAND EAST

Calm, followed by SEth and Sth breezes; thick fog, then changeable, some rain.

3 ENGLAND NE

— 2° — 2° — 2°

4 ENGLAND EAST

Very variable winds, finally becoming Sth; weather inclined to improve.

5 MIDLAND COUNTIES

— 2° — 2° — 2°

6 ENGLAND SOUTH

NWth to SWth and Sth breezes, light to moderate; wet and foggy, then finer. Night rather cold.

DISTRICTS

FORECASTS

6 SCOTLAND WEST

Same as No. 1.

7 ENGLAND N.W.

Wind chiefly Sth, freshening; air mild, rain at times.

8 ENGLAND S.W.

— 2° — 2° — 2°

9 IRELAND NORTH

Sth winds, strong; rainy, mild.

10 IRELAND SOUTH

— 2° — 2° — 2°

WARNINGS

The South Lane has been lowered again in District 5, but still stands in District 8 and part of 1.

METEOROLOGICAL OBSERVATIONS FOR 28TH JANUARY 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.	Force. (0 to 13).	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dirac.	Force. (0 to 13).	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.				Max.	Min.	
† Haparanda ...	29.65	-31	N	2	0	0	29.73	0.00	-35	-35	-28	N	3	0	-6	-35	-
† Hernösand ...	29.56	15	Z	0	0	0	29.69	+ .07	16	17	- 3	NE	2	0	27	10	-
† Stockholm ...	29.74	24	N	0	0	0	29.65	- .18	27	24	+ 11	SSE	2	0	27	14	-
† Wisby ...	29.79	23	WSE	4	6	0	29.66	- .18	24	28	- 1	S	4	0	28	16	-
† Bodö ...	29.56	11	E	2	0	0	29.59	+ .03	10	9	- 1	E	2	0	12	9	-
Christiansund ...	29.48	25	ESE	2	0	0	29.28	- .17	26	25	- 1	ESE	2	0	27	16	0.28
† Skudesnaes ...	29.34	36	SE	6	f	0	29.24	- .24	35	32	+ 2	SE	6	0	36	?	-
† Oxö (Xuanauud) ...	29.47	28	E	4	0	0	29.33	- .25	28	27	- 1	ESE	6	0	28	27	-
Skagen (The Skaw)	29.56	25	SSE	5	0	0	29.37	- .30	25	24	+ 1	ESE	5	0	27	?	0.04
Faro ...	29.29	19	SSE	6	0	0	29.25	- .38	30	30	+ 18	SSE	2	0	?	?	0.04
Cuxhaven ...	29.54	21	SSE	2	0	0	29.32	- .32	35	35	+ 21	SSE	2	0	?	14	-
† Sumburgh Head	29.19	38	SE	4	+	+	29.98	- .30	41	41	+ 5	S	5	+	41	34	0.25
† Stornoway																	
Wick ...	29.08	38	SE	5	0	0	28.95	- .27	40	39	+ 4	SW	2	0	40	34	0.05
Mairn ...	29.06	28	Z	0	0	0	28.97	- .25	34	34	+ 14	Z	0	0	36	18	-
† Aberdeen ...	29.44	33	S	1	0	0	29.04	- .22	38	37	+ 10	SW	1	0	38	27	0.02
Leith ...	29.17	33	SW	1	0	0	29.03	- .21	33	33	+ 6	Z	0	0	34	26	0.03
† Shields ...	29.17	35	SW	2	0	0	29.06	- .19	35	35	+ 3	SW	1	0	35	30	-
Spurn Head	29.22	34	SSE	4	f	0	29.09	- .22	34	34	+ 1	Z	0	0	35	32	-
York ...	29.21	35	S	1	0	0	29.07	- .19	33	33	- 0	Z	0	0	35	33	0.05
Nottingham ...	29.21	35	Z	0	0	0	29.11	- .20	34	34	+ 2	Z	0	0	39	32	0.04
† Ardrossan	29.11	35	ESE	2	f	0	29.03	- .16	37	36	+ 12	NE	1	0	38	25	0.08
† Mullaghmore	28.98	44	ESE	4	0	0	28.94	- .04	42	41	- 1	SE	5	0	48	41	0.07
Donaghadee ...	29.08	43	SSE	4	0	0	29.00	- .13	41	41	- 0	S	2	0	44	40	0.12
Parsonstown ...	29.02	44	SE	8	0	0	28.99	- .08	41	39	+ 1	SE	2	0	41	38	0.04
Barrow-in-Furness	29.17	38	E	2	+	+	29.05	- .21	38	38	+ 6	NE	2	0	39	32	0.09
† Holyhead ...	29.11	43	SSE	2	0	0	29.04	- .13	41	40	+ 1	Z	0	0	44	39	0.05
Liverpool (Midtown)	29.14	37	ESE	2	0	0	29.07	- .16	33	33	+ 1	SE	1	0	38	32	0.04
† Valentia ...	28.97	45	SE	3	0	0	28.91	- .08	46	45	- 2	SE	4	0	53	43	0.31
Roche's Point ...	29.02	44	S	0	0	0	28.98	- .08	44	44	+ 1	SW	4	0	47	42	0.28
Pembroke ...	29.07	43	SE	2	0	0	29.02	- .14	42	42	- 1	ESE	2	0	45	39	0.10
† Scilly ...	29.07	38	SSE	5	0	0	29.06	- .11	48	48	- 2	SW	5	0	53	47	0.02
Prawle Point ...	29.13	45	SSE	3	f	0	29.23	- .02	41	41	- 4	WNW	3	0	47	39	0.10
Hurst Castle ...	29.23	43	WSE	3	f	0	29.11	- .20	36	36	- 7	WNW	2	0	43	36	0.13
† Dover ...	29.29	40	WSE	3	0	0	28.98	- .36	39	39	+ 1	NE	3	0	41	36	0.08
† London ...	29.25	41	SSE	2	0	0	29.08	- .24	37	37	- 1	W	1	0	43	36	0.10
Oxford ...	29.19	38	Z	0	f	0	29.10	- .21	36	36	- 0	N	1	0	41	36	0.04
Cambridge ...	29.26	38	S	1	0	0	29.08	- .26	34	34	- 1	N	1	0	38	34	-
† Yarmouth ...	29.29	36	S	1	f	0	29.08	- .27	36	36	+ 1	ESE	1	0	37	33	0.12
The Helder ...	29.32	33	S	1	+	+	29.13	- .32	34	34	+ 8	SE	1	0	36	26	0.08
Cape Gris Nez	29.27	37	S	4	f	0	28.89	- .47	38	38	+ 1	W	3	0	43	36	0.12
† Jersey ...	29.23	44	SSE	3	f	0	29.31	- .08	45	45	+ 2	W	2	0	46	42	0.26
Brest ...	29.28	46	SSE	5	+	+	29.26	- .10	47	46	- 1	W	4	0	50	41	0.32
Lorient ...	28.99	45	SE	7	+	+	29.28	- .06	48	47	+ 1	W	5	0	50	45	0.51
† Rochefort ...	29.23	40	SSE	7	0	0	29.43	- .08	48	48	+ 6	WSE	7	0	50	36	0.12
Biarritz ...	29.32	59	SW	9	0	0	29.57	- .05	53	48	- 5	S	1	0	64	48	-
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	*	*	*	*	*	*	28.97	- .44	40	40	+ 4	SSE	5	0	47	37	0.16
Charleville ...	29.45	40	SSE	1	0	0	29.08	- .37	42	40	+ 7	S	7	0	43	32	0.24
Paris ...	29.29	42	?	3	0	0	29.07	- .40	44	43	+ 6	SW	8	0	*	*	0.55
Lyons ...	29.56	45	SW	2	0	0	29.49	- .20	44	41	+ 4	S	3	0	49	43	-
Toulon ...																	

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

Hawes Junction	29.95	35	ESE	2	0	0	29.24	- .16	?	36	34	+ 8	Z	0	?	37	26	0.12
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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 ...	29.41	35	35	SE	8	0	6	Valentia ...	28.97	49	47	SSE	4	m	4
Sumburgh Head	29.28	36	33	SSE	3	0	3	Scilly ...	29.12	52	51	S	5	c	6
Stornoway ...								Dover ..	29.30	40	40	W	1	of	2
Aberdeen ...	29.18	35	34	S	1	om	1	London ...	29.27	43	43	SSE	1	ogf	*
Shields ...	29.21	34	34	SW	3	0	2	Yarmouth ...	29.30	37	36	S	1	f	4
Ardrossan ...	29.12	31	31	NE	4	0	2	Jersey ...	29.29	44	44	SSE	3	f	3
Mullaghmore ...	28.97	46	44	S	5	ogm	4	Rochefort ...	29.43	49	46	SW	4	0	12
Holyhead ...	29.13	42	42	SSE	3	m	2								

Hardly any change has occurred since the morning beyond the extension of the thaw to Scotland.

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. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

† Received too late for insertion in Chart.



DAILY WEATHER REPORT

F O R

SATURDAY 29TH JANUARY

1881.

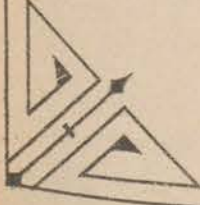
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ROBERT H. SCOTT

(SECRETARY.)



Fred^o Dengerfeldt Lith 22 Bedford St. Tennis Garden.

WEATHER CHARTS

for 8 a.m. on SATURDAY, 29th JANUARY, 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.

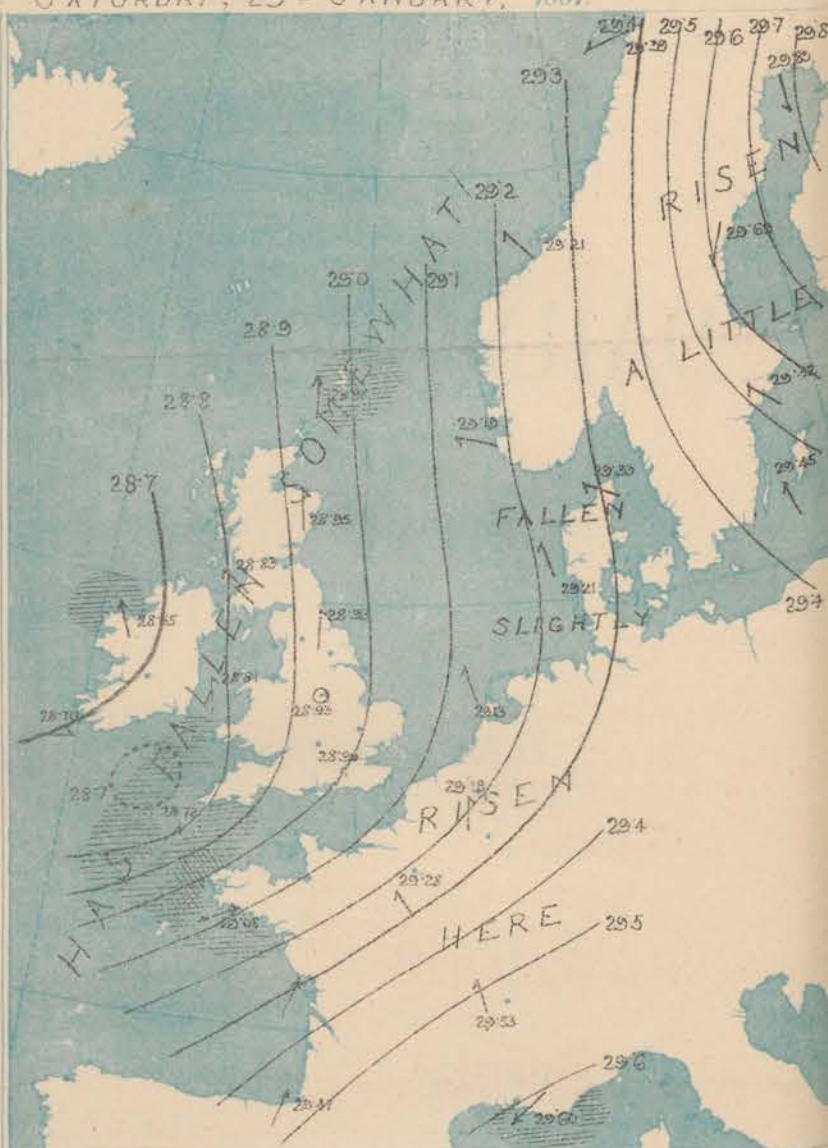
Sea Disturbance; where considerable, is shown by shading round the coast; thus: - Rough; - High.

MEAN^{*} HEIGHT of the BAROMETER

for the month of January.

Stations	Mean Readings
	Inch
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greencastle	29.651
Holyhead	29.730
Valentia	29.771
Roche's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

* 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 January.

Stations	Temp	Rain-fall
	°	ins
Sandwich Head	39.0	3.00
Sternoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St. Mary's)	45.2	5.23
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

* 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 January 29th 1881 at 8 a.m.

During the past 24 hrs: the barometer has continued to fall over nearly the whole of the British Isles but has risen in the Netherlands & NE. of France. Pressure now varies from about 29.8 in: over the N. of Sweden and 29.5 in: over the Sth parts of France to 28.6 in: off the W. of Ireland, and in the British Isles readings are below 29 in: at all but the extreme SEth stations. A large area of low pressure lies to the Wth of Ireland and a secondary depression at the mouth of St. George's Channel. — Temperature has again risen over Great Britain and now ranges from between 43° and 50° along our Sth coasts to between 36° and 40° over the Nth parts of Scotland. The Continental readings vary from 57° at Dusseldorf to -6° at the Nth extremity of the Gulf of Bothnia. — Sth and SWth breezes prevail over nearly the whole of the United Kingdom and are moderate to fresh in force; but some local variations are reported in the neighbourhood of Pembroke. In the N. of France a moderate to fresh gale from the SWth is reported. — The sky is cloudy everywhere; a good deal of fog prevails over England & rain in the S. & fell yesterday on all but our NE coasts. — The Sea is rather rough in the SW. and the extreme W. and N., smooth at Holyhead, moderate at Dover.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

30th January

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^{ly} to SW ^{ly} winds, moderate; unsettled, showery.		
2 SCOTLAND EAST	D ^s	D ^s	D ^s
3 ENGLAND NE	D ^s	D ^s	D ^s
4 ENGLAND EAST	S ^{ly} to W ^{ly} winds, moderate to fresh; rainy to fair.		
5 MIDLAND COUNTIES	Variable S ^{ly} winds; rainy to fair.		
6 ENGLAND SOUTH	Same as N ^o 3		

DISTRICTS

FORECASTS

6 SCOTLAND WEST	S ^{ly} breezes, moderate; showery.		
7 ENGLAND N.W.	D ^s	D ^s	D ^s
8 ENGLAND S.W.	SW ^{ly} to S ^{ly} breezes, fresh; changeable.		
9 IRELAND NORTH	Wind chiefly SW ^{ly} , moderate or fresh; changeable.		
10 IRELAND SOUTH	D ^s	D ^s	D ^s
WARNINGS	South Cone has been lowered in districts N ^{os} 8 & 10.		

METEOROLOGICAL OBSERVATIONS FOR 29th JANUARY 1881.

† YESTERDAY EVENING.							3 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	29.53	-20	N	2	0		29.83	+ .10	-6	-6	+ 17	N	2	0	*	-6	-27	—
Hernösand	29.71	12	N	2	5		29.69	.00	19	18	+ 1	NNE	2	5	*	21	9	0.20
Stockholm	29.54	28	SSE	6	0		29.52	— .13	28	27	+ 1	SE	4	0	*	28	?	—
Wisby	29.55	28	SSE	2	0		29.45	— .21	28	27	+ 4	SSE	2	0	*	?	16	—
Bodö	29.52	15	E	4	0		29.39	— .20	22	20	+ 12	ENE	4	0	3	?	9	—
Christiansund	29.19	31	ESE	1	0		29.21	— .07	27	27	+ 1	ESE	3	0	2	?	18	—
†Skudesnaes	29.24	34	ESE	4	0		29.19	— .02	34	33	— 1	ESE	2	5	4	36	34	—
Oxö (Xiansund)	29.32	25	NNE	6	0		29.29	— .04	25	24	— 3	NNE	6	0	4	28	23	0.08
Skagen (The Skaw)	29.36	29	ESE	4	0		29.33	— .04	29	28	+ 4	ESE	3	0	3	?	25	0.04
Fanö	29.17	32	SE	4	0		29.21	— .04	32	32	+ 2	SSE	2	4	*	32	30	0.04
Cuxhaven															*			
†Sumburgh Head	28.98	42	S	5	m		28.98	.00	41	40	0	S	5	m	6	42	37	0.01
†Stornoway																		
Wick	28.95	40	S	3	b		28.91	— .04	39	38	— 1	SSE	6	c	4	42	37	—
Nairn	28.94	39	Z	0	bo		28.86	— .11	36	34	+ 2	Z	0	c	1	43	34	—
†Aberdeen	29.02	37	S	1	m		28.95	— .09	39	38	+ 1	S	3	m	1	40	35	—
Leith	29.00	35	SH	1	0		28.89	— .14	37	36	+ 4	E	1	0	*	37	32	—
†Shields	29.06	35	SSH	2	om		28.93	— .10	37	37	+ 2	S	1	0	0	38	33	—
Spurn Head	29.12	35	SSE	2	f		28.95	— .14	35	35	+ 1	SSE	3	f	2	37	33	0.01
York	29.10	36	SSE	1	f		28.95	— .14	37	37	+ 4	SE	1	f	*	37	33	0.02
Nottingham	29.13	36	Z	0	0		28.93	— .18	40	40	+ 6	Z	0	of	*	41	34	0.05
†Ardrossan	28.97	40	S	1	t		28.83	— .20	39	38	+ 2	SE	3	0	2	41	36	0.03
†Mullaghmore	28.85	43	ESE	4	0		28.65	— .29	44	43	+ 2	SSE	6	og	5	47	41	0.02
Donaghadee	28.94	44	ESE	3	0		28.78	— .22	42	42	+ 1	S	3	0	1	45	41	0.10
Parsonstown	28.88	42	SE	1	0		28.73	— .26	40	40	— 1	S	1	c	*	48	39	0.06
Harrow-in-Furness	29.04	38	E	3	0		28.94	— .21	38	38	0	ENE	3	du	2	39	35	0.01
†Holyhead	29.00	41	SSE	2	m		28.81	— .29	42	42	+ 1	S	2	m	1	44	40	0.03
Liverpool (Bidston)	29.04	38	SE	3	b		28.85	— .22	39	38	+ 6	ESE	2	f	0	39	33	0.05
†Valentia	28.67	49	SSE	7	cm		28.70	— .21	42	42	— 4	W	1	c	1	50	42	0.17
Roche's Point	28.89	40	S	4	0		28.72	— .26	44	43	0	S	2	c	4	48	42	0.16
Pembroke	28.97	44	SSE	3	c		28.75	— .27	44	44	+ 2	ESE	3	dm	5	46	42	0.13
†Scilly	29.00	50	SSH	6	0		28.72	— .34	50	50	+ 2	SH	4	t	6	53	45	0.20
Prawle Point	29.07	46	SSH	4	c		28.85	— .38	47	47	+ 6	SSH	5	c	5	48	40	0.30
Hurst Castle	29.16	48	SH	4	bo		28.95	— .26	45	45	+ 9	WSTH	5	c	3	45	36	0.05
†Dover	29.22	40	W	1	om		29.02	+ .04	43	42	+ 4	SH	5	our	4	43	38	0.08
†London	29.19	41	SH	3	odm		28.99	— .09	44	43	+ 7	SSH	3	0	*	44	37	0.08
Oxford	29.11	40	E	1	0		28.96	— .14	41	41	+ 5	Z	0	of	*	42	33	0.11
Cambridge	29.17	37	Z	0	0		28.95	— .13	40	40	+ 6	Z	0	0	*	40	34	0.12
†Yarmouth	29.20	36	W	1	f		29.04	— .04	38	37	+ 2	S	2	dm	3	39	34	0.07
The Helder	29.17	35	SH	1	0		29.13	.00	35	35	+ 1	SSE	1	f	1	36	34	—
Cape Gris Nez	29.24	41	SSH	1	f		29.05	+ .16	42	42	+ 4	S	7	t	4	45	37	0.16
†Jersey	29.22	46	S	3	bm		29.04	— .27	47	46	+ 2	SSH	5	cm	4	49	44	0.37
Brest	29.10	49	SSH	7	t		29.03	— .23	50	49	+ 3	WSTH	7	0	7	?	45	0.55
Lorient	29.19	49	WSTH	2	t		29.08	— .20	51	48	+ 3	WSTH	7	0	6	52	41	0.35
†Pochefort	29.42	50	S	5	0		29.39	— .04	50	48	0	SSH	7	t	4	55	43	—
Biarritz	29.57	59	SH	7	t		29.47	— .10	57	50	+ 4	SSH	7	c	4	63	45	0.04
Corunna	*	*	*	*	*				*	*					*	*	*	*
Brussels	*	*	*	*	*		29.18	+ .21	42	42	+ 2	S	3	t	*	43	37	0.28
Charleville	29.37	40	NW	1	0		29.30	+ .22	43	40	+ 1	S	4	0	*	46	37	0.47
Paris	29.36	44	?	5	0		29.28	+ .21	47	45	+ 3	SE	4	c	*	*	*	0.12
Lyons	29.57	49	S	4	b		29.53	+ .04	45	43	+ 1	SSE	1	0	*	57	44	0.08
Toulon	29.72	49	SH	4	m		29.60	?	48	46	+ 4	NE	5	m	5	52	43	—

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

Hawes Junction	27.24	35	ENE	2	0		27.67	— .17	34	34	— 2	ENE	3	f	*	37	32	0.06
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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 ...	29.23	85	31	SE	4	0	5	Valentia ...	28.84	48	47	SE	4	ogp	5
Sumburgh Head	28.97	42	41	S	4	m	5	Scilly ...	29.06	53	51	SSH	6	c	6
Stornoway ...								Dover ...	29.16	41	41	W	2	om	1
Aberdeen ...	29.03	37	37	SH	1	m	1	London ...	29.17	40	40	SH	2	om	*
Shields ...	29.07	35	35	SH	2	om	1	Yarmouth ...	29.13	38	38	Z	0	f	3
Ardrossan ...	29.01	41	40	SSE	1	0	0	Jersey ...	29.28	47	45	SSH	2	bo	3
Mullaghmore ...	28.87	45	43	S	4	c	3	Rocheport ...	29.46	51	48	SSH	7	0	4
Holyhead ...	29.04	42	41	SSE	3	m	2								

The depression noticed over Belgium this morning is moving quickly away to the NEth and the barometer is rising over our SEth countries. In the far W. the barometer (now reading about 28.85 in.) is still falling and the appearance is squally and unsettled.

EXPLANATION OF COLUMNS.

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

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

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

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



DAILY WEATHER REPORT

F O R

SUNDAY, 30TH JANUARY.

1881.

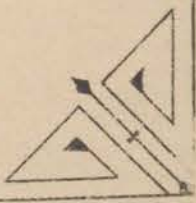

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ROBERT H. SCOTT
(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on Sunday 30th JANUARY.

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:

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

○ = dead calm.

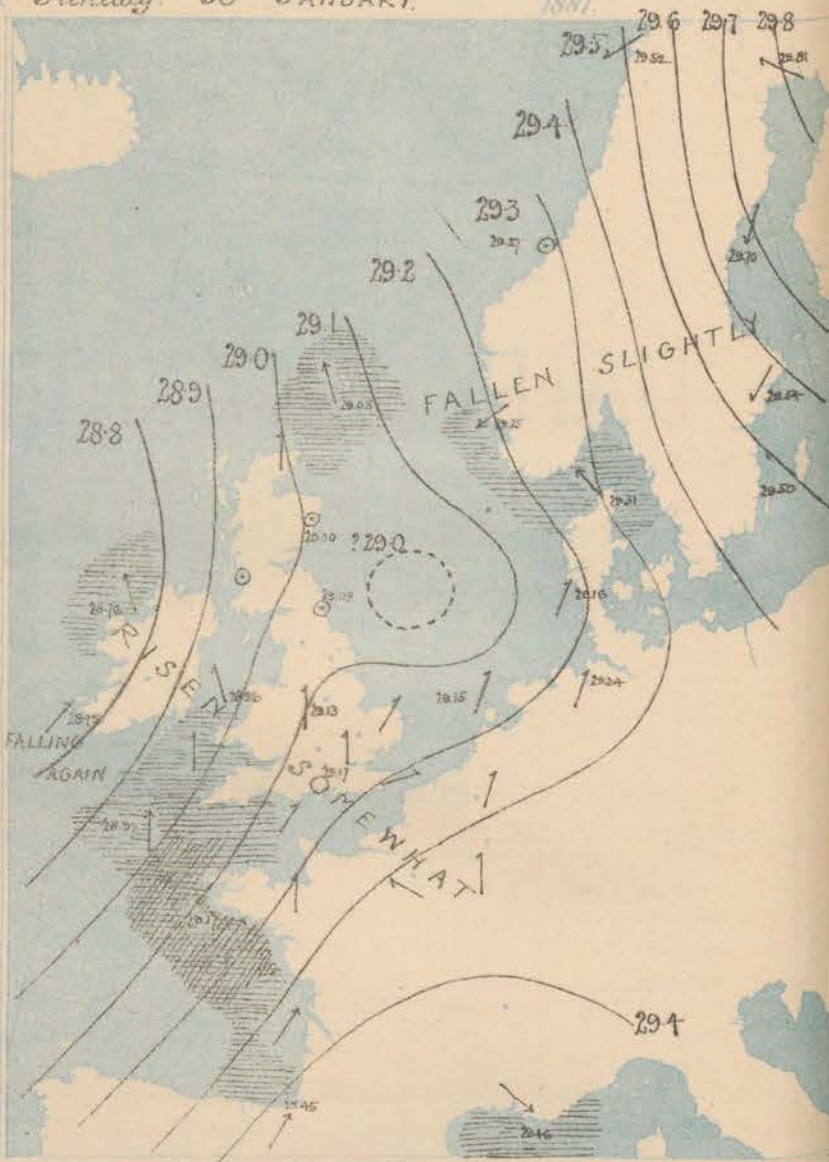
Sea Disturbance, where considerable, is shown by shading round the coast, thus:  Rough;  High.

MEAN* HEIGHT of the BAROMETER

for the month of January.

Stations.	Mean Readings
Nairn	29.584
Aberdeen	29.677
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Glasgow	29.661
Holyhead	29.730
Valentia	29.771
Roche's Pt.	29.765
Plymouth	29.866
LONDON	29.869
Vermouth	29.847

* 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 0.1 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of January.

Stations	Temp	Rain-fall
Scrimshire Head	39.0	3.00
Sarnowin	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Midwaymore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St. Mary's)	45.2	5.33
Harst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Vermouth	37.3	2.64

* 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, 30TH JANUARY 1881 at 8 a.m.

The area of low pressure which lay off the west of Ireland yesterday morning has apparently moved away to the N^W, while the small subsidiary disturbance which was found near the St. George's Channel has travelled across England, and under the combined influence of these changes the barometer has risen in almost all parts of the United Kingdom. In the south of Ireland, however, a fresh fall of the barometer is reported since 10 p.m. so that some new depression is probably approaching from the Atlantic. The winds are S^W (S^W to S^E) in all places, and though very light in force in the east, blow freshly or strongly on some parts of our western coasts. The passage of the small disturbance across England yesterday caused strong S^W winds in the Channel, and a moderate gale at Hurst Castle. Temperature has fallen slightly except in Ireland, and readings in our Island now range from 50° at Lillie to 36° at Lillie. The maximum readings yesterday were above 65° at many of the English and Irish stations, the highest reading of all being 56° at Lillie. Rain fell in nearly all places yesterday, and a thunderstorm is now in progress at Lorient. The sea is rough off the south coast of Norway and the south west of England, very rough in the Bay of Biscay.

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 30th JANUARY. 1881.

† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.81	13	S	2	o	29.81	- .02	5	5	+ 11	SE	2	o	*	4	-9	0.08	
Hernösand ...	29.67	15	N	2	s	29.70	+ .01	12	12	- 7	NNE	2	s	*	25	9	0.20	
Stockholm ...	29.50	22	ENE	2	o	29.52	+ .02	24	24	- 4	NE	2	o	*	28	23	-	
Wisby ...	29.45	27	SE	2	o	29.50	+ .05	29	28	+ 1	SE	2	o	*	30	21	0.08	
Bodö ...	29.50	22	ENE	4	b	29.52	+ .13	19	18	- 3	ENE	4	b	3	?	18	-	
Christiansund...	29.22	28	ESE	1	b	29.27	+ .06	22	22	- 4	Z	o	b	1	28	14	-	
†Skudesnaes ...	29.19	37	E	4	o	29.15	- .04	36	33	+ 2	ENE	6	s	5	37	34	-	
†Oxö (Xtiansund) ...	29.28	28	NE	6	s	29.26	- .03	30	30	+ 5	NE	6	s	5	?	?	-	
Skagen (The Skaw)	29.33	31	SE	4	s	29.31	- .02	31	30	+ 2	SE	5	s	5	30	28	0.08	
Fanö ...	29.15	34	SE	4	r	29.16	- .05	26	26	+ 4	SSW	4	f	*	30	32	0.16	
Cuxhaven ...	29.24	37	SSE	1	b	29.24	.00	39	39	+ 4	SSW	2	o	*	?	34	0.22	
†Sumburgh Head ...	29.77	41	SSE	5	r	29.08	+ .10	39	38	- 2	SSE	5	o	6	41	38	0.03	
†Stornoway ...																		
Wick ...	28.87	41	S	6	o	29.00	+ .09	41	41	+ 2	S	4	o	5	42	38	-	
Nairn ...	28.83	40	Z	o	o	28.95	+ .09	35	33	- 1	SSE	1	o	2	42	35	-	
†Aberdeen ...	28.90	39	SSE	3	m	29.00	+ .05	36	35	- 3	Z	o	f	2	40	35	0.19	
Leith ...	28.88	37	E	1	o	29.00	+ .11	34	33	- 3	E	1	o	*	38	32	0.08	
†Shields ...	28.64	39	S	1	m	29.03	+ .10	36	36	- 1	WSW	1	m	o	39	35	0.02	
Spurn Head ...	28.83	38	SSE	3	fd	29.08	+ .13	36	36	+ 1	SSW	2	fd	2	39	34	0.01	
York ...	28.85	37	E	1	m	29.10	+ .15	35	35	- 2	SE	1	o	*	38	34	0.07	
Nottingham ...	28.86	41	Z	o	o	29.03	+ .20	39	39	- 1	SSW	1	of	*	43	37	0.08	
†Ardrossan ...	28.82	39	ENE	1	f	28.96	+ .13	38	37	- 1	ENE	1	o	o	42	35	0.10	
†Mallaghmore ...	28.74	45	S	4	c	28.76	+ .11	43	42	- 1	SSE	6	sgw	5	47	42	-	
Donaghadee ...	28.82	44	SSE	3	r	28.94	+ .16	48	43	+ 1	SSW	4	o	2	45	41	0.11	
Parsonstown ...	28.82	42	SSE	1	o	28.86	+ .13	41	40	+ 1	SE	2	o	*	46	36	0.01	
Barrow-in-Furness	28.82	40	NE	2	o	29.02	+ .18	35	35	- 3	ESE	4	f	3	41	31	0.12	
†Holyhead ...	28.82	44	W	1	m	28.96	+ .15	41	41	- 1	SSE	2	r	1	49	40	0.03	
Liverpool (Bidston)	28.83	41	SE	1	o	29.03	+ .18	38	37	- 1	SE	3	b	1	42	34	-	
†Valentia ...	28.81	46	SSW	3	o	28.79	+ .09	43	42	+ 1	SW	3	r.mg	3	37	42	0.28	
Roche's Point...	28.78	45	WSW	3	b	28.86	+ .14	44	43	o	SSW	5	of	4	48	41	0.06	
Pembroke ...	28.83	45	W	2	o	28.92	+ .17	43	?	- 1	S	4	cf	6	46	43	0.17	
†Scilly ...	28.91	50	WSW	5	c	28.97	+ .25	30	30	o	S	6	c	6	34	46	0.97	
Prawle Point ...	28.92	46	WSW	5	c	29.06	+ .21	46	46	- 1	SSW	4	o	5	48	44	0.80	
Hurst Castle ...	28.95	45	WSW	6	c	29.14	+ .19	44	44	- 1	SW	3	b	4	47	41	0.45	
†Dover ...	28.99	41	SW	5	c	29.20	+ .18	42	42	o	WSW	2	c	2	45	41	0.23	
†London ...	28.91	47	SW	4	of	29.17	+ .18	43	43	- 1	S	2	b	*	48	42	0.19	
Oxford ...	28.96	44	E	2	r	29.15	+ .19	40	40	- 1	S	2	of	*	47	40	0.23	
Cambridge ...	28.94	45	S	1	o	29.15	+ .20	37	37	- 3	SW	1	e	*	45	35	0.21	
†Yarmouth ...	28.91	43	SSW	4	m	29.16	+ .12	41	40	+ 3	SW	2	b	3	44	37	0.08	
The Heider ...	29.04	40	S	4	r	29.15	+ .02	39	38	+ 4	SSW	4	f	2	43	36	0.24	
Cape Gris Nez ...																		
†Jersey ...	29.08	48	SW	5	b	29.20	+ .16	45	45	- 2	S	4	b	4	31	43	0.03	
Brest ...	29.04	49	WSW	4	o	29.11	+ .08	48	47	- 2	SSW	4	o	7	30	46	0.09	
Lorient ...	29.09	49	WSW	5	m	29.17	+ .09	49	48	- 2	SW	7	t	7	?	45	0.08	
†Rocheport ...	29.27	50	SSW	5	r	29.35	- .04	47	46	- 3	SW	5	b	2	50	41	0.16	
Biarritz ...	29.26	55	SW	5	r	29.45	- .02	52	46	- 5	SW	5	o	5	61	45	0.28	
Corunna ...	*	*	*	*	*			*	*						*	*	*	
Brussels ...	*	*	*	*	*	29.28	+ .10	43	42	+ 1	SSW	3	o	*	48	41	0.04	
Charleville ...	29.27	44	S	1	c	29.36	+ .06	41	39	- 2	S	1	o	*	45	37	?	
Paris ...	29.22	50	S	5	b	29.36	+ .08	44	43	- 3	SE	3	o	*	*	*	0.04	
Lyons ...																		
Toulon ...	29.59	49	SE	4	m	29.46	- .14	45	45	- 3	WV	4	r	5	55	45	0.71	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M. S. L.																		
Hawes Junction	29.63	34	ENE	3	f	28.71	+ .04	36	36	+ 2	ENE	3	o	*	37	33	0.09	

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

Hawes Junction	27.63	34	ENE	3	f	28.71	+ .04	36	36	+ 2	ENE	3	o	*	37	33	0.09
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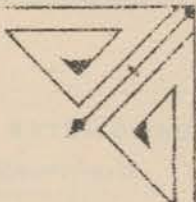
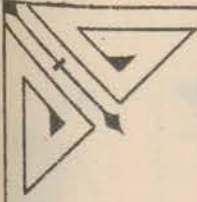
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.19	35	33	E	4	rs	3	Valentia ...	28.77	44	47	SW	3	bcp	4
Sumburgh Head ...	29.98	41	39	SSE	5	o	6	Scilly ...	28.84	54	52	WSW	5	omf	6
Stornoway ...								Dover ..	28.97	44	44	S	5	ofs	4
Aberdeen ...	28.90	40	40	SSE	3	r	2	London ...	28.88	48	47	S	5	or	*
Shields ...	28.86	39	39	S	1	r	1	Yarmouth ...	28.96	41	40	SSW	3	f	3
Ardrossan ...	28.81	44	40	ENE	2	o	1	Jersey ...	29.04	49	47	SW	6	bc	4
Mallaghmore ...	28.71	46	43	S	4	o	3	Rocheport ...	29.20	57	49	S	5	m	2
Holyhead ...	28.49	45	45	Z	o	6	0								

Very little change has occurred since the morning beyond some little improvement in the weather over our W. and SW. districts. The general condition is, however, ^{from} being settled.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

MONDAY, 31st JANUARY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

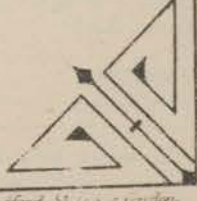
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ROBERT H. SCOTT

(SECRETARY)



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

WEATHER CHARTS

for 8 a.m. on Monday 31st JANUARY -

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 about 10. — force 8 to 10.
— force 5 to 7. — force 1 to 4.
○ dead calm.

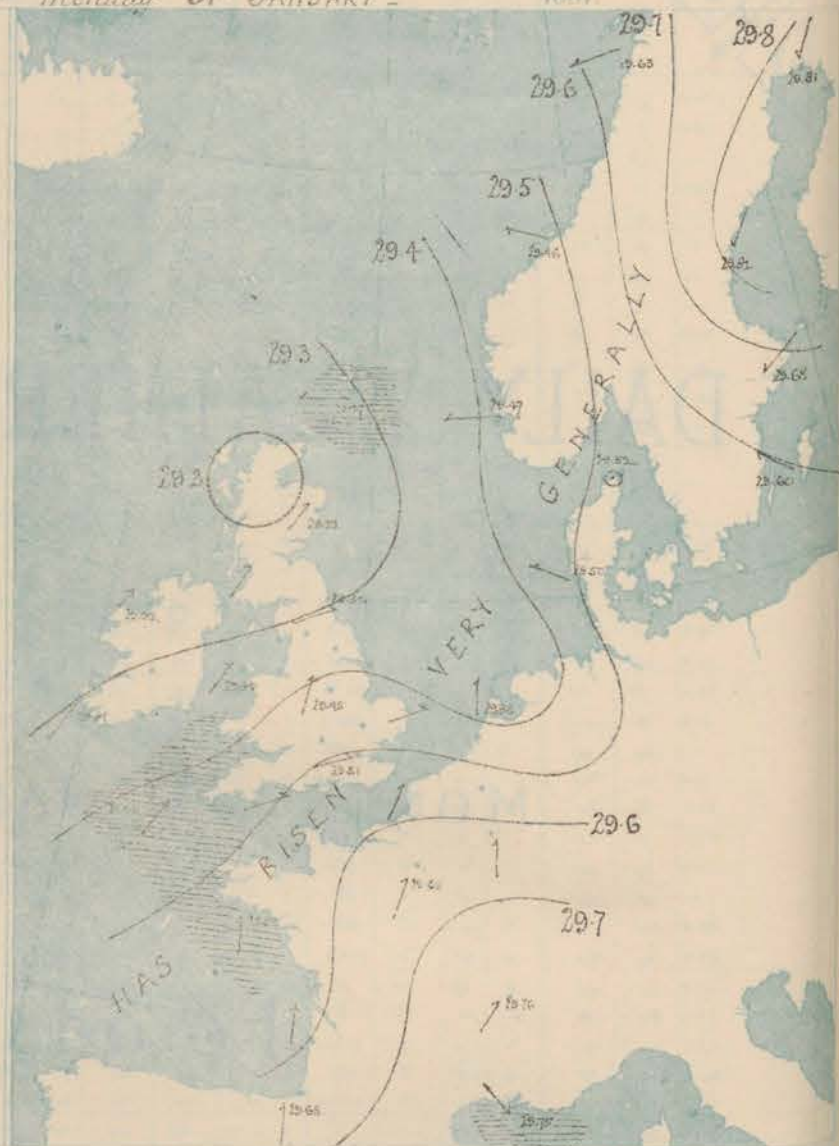
Sea Disturbance, where considerable is shown by shading round the coast thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings
Nairn	29 58.4
Aberdeen	29 63.7
Leith	29 66.9
Scarborough	29 76.6
Ardrossan	29 67.8
Greencastle	29 65.1
Holyhead	29 73.0
Valentia	29 73.1
Roche's Pt.	29 75.5
Plymouth	29 86.6
LONDON	29 86.9
Wormouth	29 84.7

* 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.

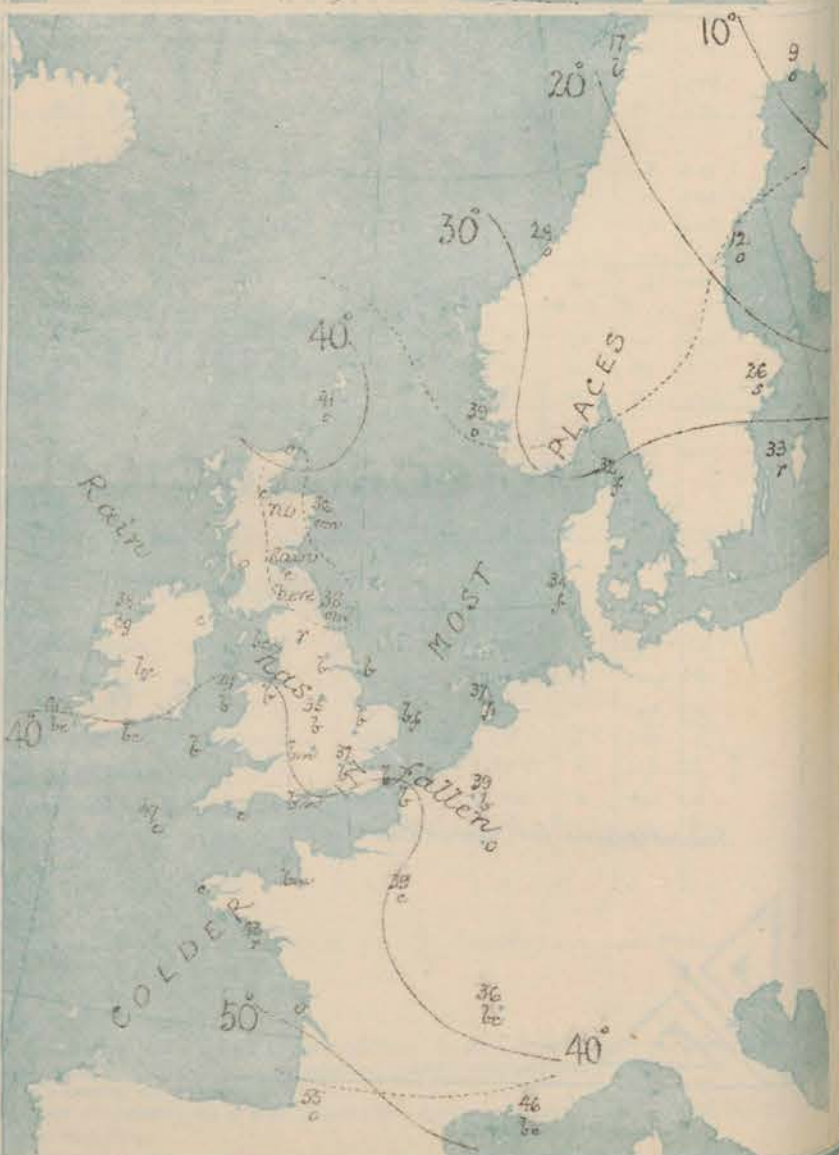
Rainfall: A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of January

Stations	Temp.	Rain-Fall
		ins.
Sandburgh Head	39.0	3.00
Sarnesay	39.3	5.73
Aberdeen	37.0	2.76
Shetland	37.6	1.98
York	37.7	1.89
Mullaghmore	40.4	
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St. Mary's)	45.2	5.23
Ilurst Gault	40.4	
Dover	38.3	3.56
LONDON	38.8	2.63
Wormouth	37.3	2.64

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



REMARKS

for MONDAY, 31ST JAN^Y 1884, at 8 a.m.

A brisk increase of pressure has occurred over the whole of Western Europe during the past 24 hours, and a slight depression which had appeared off the west of Ireland last evening has travelled slowly N^W to the north of Scotland. The weather has at the same time improved, and is now fine and bright at most of our more southern stations, though in the north and over the Continent generally the sky is cloudy or overcast, with rain at Lorient, fog in several places, and snow at Oso. Slight rain has fallen in nearly all places. Temperature has fallen in most places, and readings are uniform between 32° and 47° over these Islands, and range on the Continent from 55° at Biarritz to 9° at Haparanda. A S^W to S^W current prevails over the whole of these Islands and France, while over Scandinavia the wind is N^W to E^W; it is generally moderate or light, but at some western stations it blows rather freshly. Sea is rough in the south west, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

1ST FEBRUARY.

ISSUED AT 11 a.m. on previous day.

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^W breezes, moderate or light; fair, mild.
2 SCOTLAND EAST	— 5° — 5° — 5° —
3 ENGLAND N.E.	S ^W breezes, light; cloudy, mild.
4 ENGLAND E.	S ^W and S ^W breezes, light and moderate. Weather fine and mild, then dull and some rain.
5 MIDLAND COUNTIES	— 5° — 5° — 5° —
6 ENGLAND SOUTH	— 5° — 5° — 5° —

DISTRICTS

FORECASTS

7 SCOTLAND WEST	S ^W breezes, moderate; cloudy, mild, some rain.
8 ENGLAND N.W.	S ^W breezes, light to fresh; fine to dull and some rain.
9 ENGLAND S.W.	S ^W breezes, moderate and strong; cloudy. Some shower.
10 IRELAND NORTH	S ^W and S ^W breezes, moderate to strong; fine to dull and rainy.
10 IRELAND SOUTH	— 5° — 5° — 5° —
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 31st JANUARY 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 5).	SHADE TEMP.		Amount of Rainfall.
			Dirac.	Force, (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force, (0 to 12).				Max.	Min.	
Haparanda ...	29.80	8	Z	0	0		29.81	00	9	9	+ 4	NE	2	0	*		9	5	—
Hernösand ...	29.80	14	N	2	0		29.82	+ 12	12	12	0	NE	2	0	*		25	9	0.04
Stockholm ...	29.70	26	NE	2	0		29.68	+ 14	26	26	+ 2	ENE	4	5	*		28	23	—
Wishy ...	29.56	32	SE	4	0		29.60	+ 10	33	33	+ 4	SE	2	1	*		?	23	—
Bodö ...	29.61	21	ENE	4	0		29.63	+ 11	17	15	— 2	ENE	2	0	*		21	16	—
Christiansund ...	29.35	30	ESE	2	0		29.46	+ 19	28	27	+ 5	ESE	1	0	*		34	14	—
† Skudesnaes ...	29.32	36	NNE	2	5		29.47	+ 32	39	35	+ 3	E	4	0	3		?	?	—
Oxö (Xiansund) ...	29.75	29	NE	6	0		29.43	+ 17	28	28	— 2	NNE	4	5	3		30	28	0.16
Skagen (The Skaw) ...	29.41	33	S	2	1		29.52	+ 21	32	32	+ 1	X	0	f	0		?	30	0.24
Fanö ...	29.44	33	SSW	1	0		29.50	+ 24	34	34	— 2	ESE	2	f	*		36	32	0.04
Cuxhaven ...	29.40	41	SSW	1	f		29.38	+ 26	39	39	0	S	1	c	*		?	36	0.08
† Sumburgh Head ...	29.18	38	SSE	5	0		29.27	+ 19	41	40	+ 2	E	3	0	5		41	36	0.01
† Stornoway ...																			
Wick ...	29.07	41	SSE	5	0		29.17	+ 17	41	41	0	SSE	2	0	4		42	39	—
Nairn ...	29.04	35	X	0	0		29.15	+ 20	35	33	0	X	0	0	0		40	35	—
† Aberdeen ...	29.12	36	X	0	f		29.22	+ 22	36	36	0	SW	1	cw	1		40	35	0.13
Leith ...	29.06	37	SE	1	0		29.24	+ 24	39	38	+ 5	NNW	1	c	*		41	32	—
† Shields ...	29.10	38	WSW	1	0		29.30	+ 27	38	37	+ 2	WSW	2	om	0		41	35	—
Spurn Head ...	29.16	38	SSE	3	0		29.38	+ 30	36	35	0	SW	4	0	3		41	35	0.01
York ...	29.13	41	SE	1	0		29.38	+ 28	37	36	+ 2	SSW	1	0	*		41	34	0.02
Nottingham ...	29.15	44	SSE	2	0		29.45	+ 32	35	34	— 4	SSW	3	0	*		46	33	0.03
† Ardrossan ...	29.01	43	SE	2	0		29.24	+ 28	42	41	+ 4	SW	3	0	2		44	37	0.06
† Mullaghmore ...	28.82	44	SSW	6	0		29.22	+ 46	38	37	— 5	SW	5	cw	4		46	36	0.08
Donaghadee ...	28.96	45	SSE	6	1		29.27	+ 33	36	36	— 7	SW	4	0	2		45	36	0.15
Parsonstown ...	28.97	40	SSE	1	0		29.32	+ 46	34	33	— 7	S	1	0	*		48	33	0.06
Barrow-in-Furness ...	29.04	45	ESE	4	0		29.31	+ 29	39	38	+ 4	SW	3	0	3		47	33	0.08
† Holyhead ...	28.99	46	S	3	0		29.34	+ 38	41	40	0	SW	3	0	2		46	40	0.06
Liverpool (Bidston) ...	29.17	42	ESE	3	0		29.36	+ 33	40	38	+ 2	SW	3	0	1		43	38	0.06
† Valentia ...	29.00	45	SW	7	0		29.31	+ 32	40	40	— 3	SW	4	0	4		49	37	0.21
Roche's Point ...	29.06	43	WSW	5	0		29.35	+ 49	40	39	— 4	W	4	0	4		47	39	0.12
Pembroke ...	29.05	44	WSW	4	0		29.35	+ 43	45	43	+ 2	SW	3	0	6		47	41	0.15
† Scilly ...	29.22	48	W	9	0		29.44	+ 47	47	44	— 3	SW	5	0	6		51	44	0.16
Prawle Point ...	29.17	42	NNW	5	0		29.48	+ 42	44	43	— 2	WSW	4	0	4		48	40	0.03
Hurst Castle ...	29.13	45	S	4	0		29.52	+ 38	42	41	— 2	WSW	3	0	4		48	40	0.02
† Dover ...	29.22	45	S	3	0		29.52	+ 32	40	39	— 3	W	3	0	0		46	38	0.16
† London ...	29.18	42	SSW	3	0		29.51	+ 34	37	36	— 6	WSW	2	0	*		48	37	0.07
Oxford ...	29.18	45	SE	2	0		29.49	+ 34	37	36	— 3	SW	2	0	*		47	37	0.04
Cambridge ...	29.19	44	S	1	0		29.48	+ 33	35	34	— 2	SW	1	0	*		48	33	0.03
† Yarmouth ...	29.24	39	S	2	0		29.45	+ 29	37	36	— 4	WSW	3	0	2		46	36	0.04
The Helder ...	29.27	39	S	1	0		29.38	+ 23	37	37	— 2	S	1	0	1		39	37	0.08
Cape Gris Nez ...	29.24	30	SSE	5	0		29.36	+ 42	42	42	—	SW	4	0	3		30	41	0.12
† Jersey ...	29.22	44	WSW	7	0		29.59	+ 39	41	41	— 4	S	2	0	3		49	40	0.28
Brest ...	29.29	48	NNW	7	0		29.56	+ 45	45	43	— 2	E	1	0	6		30	32	0.12
Lorient ...	29.42	46	W	8	0		29.53	+ 36	43	42	— 6	S	3	0	6		30	39	0.16
† Rochefort ...	29.58	48	W	7	0		29.58	+ 23	47	46	0	S	5	0	3		32	39	0.24
Biarritz ...	29.70	36	NW	4	0		29.68	+ 23	55	50	+ 3	S	4	0	4		39	46	—
Corunna ...	*	*	*	*	*				*	*							*	*	*
Brussels ...	*	*	*	*	*		29.59	+ 31	39	37	— 4	SW	3	0	*		46	39	0.04
Charleville ...	29.32	45	SW	4	0		29.65	+ 29	39	37	— 2	S	1	0	*		48	37	0.04
Paris ...	29.40	49	SSW	5	0		29.68	+ 32	39	37	— 5	SSW	1	0	*		*	*	0.04
Lyons ...	29.61	46	S	1	0		29.76	+ 36	34	34	—	SW	1	0	*		53	25	0.04
Toulon ...	?	30	W	7	0		29.75	+ 29	46	41	+ 1	NN	5	0	5		34	45	—

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

Hawes Junction	29.26	36	ENE	3	0		28.08	+ 27	36	36	0	WSW	3	0	*		42	35	0.16
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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 ...	29.22	34	33	E	4	5	4	Valentia ...			
Sumburgh Head ...								Scilly ...			
Stornoway ...								Dover ...			
Aberdeen ...								London ...			*
Shields ...								Yarmouth ...			
Ardrossan ...								Jersey ...			
Mullaghmore ...								Rochefort ...	29.48	51	49
Holyhead ...										WSW	8
										0	0

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).

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR

JAN^Y

1881

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

		+ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
DATE	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.			
1 st	Stornoway.....	30.03	37	NW	3	λ	29.93	+0.02	45	45	+11	SW	5	0	5	45	32	0.17		
	Blarney.....	30.33	44	E	4	0	30.51	+0.32	38	36	-10	SE	4	0	5	51	34	0.47		
	Corunna.....	*	*	*	*	*	30.61	+0.31	41	*	-5	S	1	0	5	*	*	*		
2 nd	Stornoway 2pm.....	29.96	48	SW	6	0	29.96	-	46	46	-	SW	5	0	5	-	-	0.01		
	Stornoway.....	30.03	48	SW	5	0	30.01	+0.08	49	48	+4	WSW	4	0	6	49	42	0.01		
	Corunna.....	*	*	*	*	*	29.95	-0.06	46	46	-3	SW	4	0	6	50	44	0.01		
3 rd	Stornoway.....	30.43	38	SW	1	f	30.20	+0.16	43	39	+4	SE	1	0	5	*	36	*		
	Stornoway.....	29.87	49	SW	8	bc	30.22	+0.27	36	36	-10	W	2	1	2	49	34	-		
	Corunna.....	*	*	*	*	*	30.04	-0.16	40	*	+8	SE	1	0	5	*	*	*		
	Stornoway 2pm.....	-	-	-	-	-	30.29	-	44	42	-	Z	6	0	0	-	-	-		
4 th	Stornoway.....	30.35	35	Z	9	b	30.80	+0.28	30	30	-6	Z	0	0	5	44	28	-		
	Corunna.....	*	*	*	*	*	30.10	+0.06	43	*	+3	S	1	0	5	*	*	*		
	Stornoway 2pm.....	-	-	-	-	-	30.52	-	36	26	-	Z	0	0	0	-	-	-		
5 th	Stornoway.....	30.55	32	Z	9	f	30.67	+0.17	29	28	-1	Z	9	0	4	36	24	-		
	Corunna.....	*	*	*	*	*	30.07	-0.03	48	*	+5	S	1	0	4	*	*	*		
	Stornoway 2pm.....	-	-	-	-	-	30.70	-	36	35	-	Z	0	0	0	-	-	-		
6 th	Stornoway.....	30.71	30	Z	0	b	30.71	+0.04	29	29	0	Z	0	0	5	37	25	-		
	Blarney.....	30.10	41	S	4	bc	30.26	+0.27	38	36	-5	SE	3	0	3	48	34	0.32		
	Corunna.....	*	*	*	*	*	30.14	+0.07	52	*	+4	S	1	0	1	*	*	*		
	Stornoway 2pm.....	-	-	-	-	-	30.66	-	36	36	-	Z	0	0	0	-	-	-		
7 th	Stornoway.....	30.64	26	Z	0	b	30.53	-0.18	30	29	+1	Z	0	0	6	27	26	-		
	Corunna.....	*	*	*	*	*	30.11	-0.03	38	*	-14	SE	1	0	0	*	*	*		
	Stornoway 2pm.....	-	-	-	-	-	30.43	-	36	35	-	WNW	1	0	0	-	-	-		
8 th	Stornoway.....	30.43	30	WNW	1	c	30.39	-0.14	20	30	0	Z	0	0	5	37	25	-		
9 th	Stornoway.....	30.33	32	NZE	1	0	30.24	-0.15	30	30	0	NZE	2	0	3	37	28	0.06		
	Corunna.....	*	*	*	*	*	29.74	-0.16	45	*	+4	SE	1	0	4	*	*	*		
	Stornoway.....	-	-	-	-	-	29.70	-	29	29	-	Z	2	0	4	-	-	-		
10 th	Stornoway.....	30.12	32	NZE	3	S	29.85	-0.39	26	26	-4	Z	5	0	8	42	25	0.05		
	Corunna.....	*	*	*	*	*	29.68	-0.06	50	*	+5	SE	1	0	1	*	*	*		
	Stornoway 2pm.....	-	-	-	-	-	29.70	-	29	29	-	Z	2	0	4	-	-	-		
11 th	Stornoway.....	29.63	31	NE	5	bc	29.75	-0.10	30	30	+4	NE	6	0	4	32	26	0.04		
	Corunna.....	*	*	*	*	*	29.64	-0.04	57	*	+7	SW	4	0	6	*	-	-		
	Stornoway 2pm.....	-	-	-	-	-	29.81	-	30	30	-	NE	3	0	3	33	19	0.09		
12 th	Stornoway.....	29.87	24	NZE	2	b	29.75	-0.00	20	20	-10	Z	1	0	3	35	36	0.32		
	Blarney.....	29.66	47	NZE	4	0	29.47	+0.16	40	39	-4	E	5	0	1	*	*	*		
	Corunna.....	*	*	*	*	*	29.25	-0.39	57	*	0	Z	1	0	2	*	*	*		
	London.....	29.74	44	Z	0	0	29.53	-0.20	44	44	+4	SW	3	0	2	45	240	0.08		
	Stornoway 2pm.....	-	-	-	-	-	29.73	-	32	32	-	WSW	3	0	3	32	12	0.07		
13 th	Stornoway.....	29.71	31	SE	4	c	29.85	-0.18	20	20	0	W	3	0	3	-	-	-		
	Stornoway 2pm.....	-	-	-	-	-	29.85	-	31	31	-	W	3	0	3	-	-	-		
14 th	Janö.....	29.70	29	W	4	c	29.45	-0.42	33	31	+14	W	6	0	3	3	16	-		
	Stornoway.....	29.82	27	Z	2	S	29.79	-0.14	25	25	+5	NZE	4	0	3	31	20	0.03		
	The Elder.....	29.88	12	SE	1	b	29.73	-0.13	13	12	-8	S	1	0	5	23	10	-		
	Corunna.....	*	*	*	*	*	29.53	-0.46	*	*	-15	E	2	0	5	*	*	*		
	Brussels.....	*	*	*	*	*	29.81	-0.02	3	3	-15	Z	0	0	4	19	2	-		
	London.....	29.34	35	E	11	λ	29.38	-0.18	37	37	+1	E	8	0	4	37	?	0.32		
	Stornoway 2pm.....	-	-	-	-	-	29.79	-	29	29	-	NNE	3	0	3	-	-	-		
15 th	Stornoway.....	29.78	28	NZE	3	c	29.71	-0.03	26	26	+1	N	2	0	3	29	18	0.09		
16 th	Janö.....	29.63	17	NZE	4	c	29.77	+0.19	9	9	-10	Z	1	0	8	30	7	-		
	Stornoway.....	29.70	27	NZE	1	S	29.65	-0.06	20	20	-6	Z	0	0	0	29	11	-		
	Blarney.....	29.97	25	SE	4	b	29.59	-0.41	25	22	-3	SE	5	0	2	32	16	-		
	Corunna.....	*	*	*	*	*	29.27	-0.52	*	*	-?	SW	1	0	1	*	*	*		
	Stornoway 2pm.....	-	-	-	-	-	29.68	-	25	25	-	Z	0	0	0	-	-	-		
17 th	Stornoway.....	29.70	21	Z	0	b	29.87	+0.27	29	29	+9	E	5	0	2	31	19	0.04		
	The Elder.....	29.89	25	SE	1	0	29.73	-0.05	21	19	-10	E	9	0	6	27	21	-		
	Pape Gny Ny.....	29.73	23	NZE	4	0	29.21	-0.63	22	22	+1	E	9	0	2	27	21	-		
	Blarney.....	29.20	51	SW	7	0	29.41	-0.18	54	49	+29	W	5	0	4	54	?	-		
	Stornoway 2pm.....	-	-	-	-	-	29.93	-	32	31	-	E	4	0	4	-	-	-		
18 th	Hazaranda.....	29.82	-10	Z	2	bc	29.73	-0.18	0	0	+10	NW	2	0	4	12	-9	0.04		
	Hemband.....	29.89	-8	Z	0	b	29.78	-0.32	3	3	-1	Z	2	0	4	12	?	-		
	Stockholm.....	29.94	-5	WSW	2	c	29.82	-0.08	-8	-8	-18	WSW	2	0	4	12	10	0.08		
	Widby.....	29.86	17	E	4	bc	29.78	+0.03	13	12	-4	SE	2	0	1	21	9	-		
	Bodö.....	29.88	12	E	2	bc	29.91	+0.06	4	8	+4	E	2	0	2	21	?	-		
	Christiansund.....	29.97	21	WSW	3	c	29.67	-0.41	21	19	+6	SE	1	0	2	18	?	-		
	Gai.....	29.98	-5	Z	4	c	29.74	-0.28	10	9	-8	NZE	4	0	2	21	12	-		
	Cusham.....	29.87	21	E	6	S	29.50	-0.43	20	20	+5	SE	6	0	4	33	20	0.25		
	Stornoway.....	29.91	31	NZE	6	S	29.82	-0.05	29	29	0	NE	7	0	6	59	45	-		
	Blarney.....	29.39	55	WSW	7	c	29.36	-0.05	51	42	-3	WSW	7	0	4	*	*	*		
	Corunna.....	*	*	*	*	*	29.43	-	54	*	-?	SW	1	0	5	*	*	*		
	Stornoway 2pm.....	-	-	-	-	-	29.76	-	30	30	-	NE	4	0	5	-	-	-		
19 th	Stornoway.....	29.77	29	NE	7	S	30.02	+0.20	29	29	0	NE	6	0	7	33	25	0.13		
	Blarney.....	29.60	50	W	12	λ	29.99	+0.63	41	42	-3	NW	9	0	6	54	43	0.12		
	Corunna.....	*	*	*	*	*	30.12	+0.64	41	*	-13	S	1	0						

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

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.	
23 ^d	Stornoway	30.25	65	Z	1	0	30.24	- .04	33	32	0	Z	0	0	1	37	31	0.04
	Tain	30.23	34	SW	1	0	30.26	- .02	23	22	- 9	Z	0	0	1	35	23	-
	Pembroke	20.23	36	E 1/2 E	1	1	30.24	- .04	33	33	+ 13	Z	0	0	1	36	21	-
24 ^d	Hoparunda	20.30	15	SW	4	0	20.30	- .16	11	10	+ 17	W	2	0	2	16	- 8	0.35
	Sernsand	20.72	15	SW	2	0	20.54	- .45	27	26	+ 26	SSW	4	0	2	2	- 5	-
	Stockholm	20.05	6	SW	2	2	20.18	- .15	13	13	+ 4	SW	2	0	2	19	1	-
	Nisby	20.88	20	Z	2	0	20.81	+ .09	21	20	+ 2	Z	0	0	2	23	14	-
	Bodo	20.41	21	NW	2	0	20.80	- .21	19	17	- 10	NW	6	0	4	34	16	-
	Christiansund	20.83	22	WSW	2	0	20.68	- .15	34	33	+ 4	WSW	1	0	4	34	21	0.24
	Oes	20.60	21	WSW	2	0	20.01	- .10	26	24	+ 4	SW	2	0	2	32	19	-
	Skagen	30.09	18	WSW	2	0	30.07	- .02	31	30	+ 1	W	4	0	2	32	21	-
	Farsø	30.24	27	WNW	4	1	30.18	+ .06	31	30	+ 2	WSW	4	0	2	32	9	-
	Cushaven	30.29	24	NE	1	0	30.34	+ .27	14	14	- 2	WSW	1	0	2	32	12	-
	Stornoway	30.24	34	WNW	2	0	30.09	- .15	36	36	+ 3	WSW	2	0	2	37	30	0.04
	Tain	30.25	20	Z	1	0	30.10	- .16	32	30	+ 9	SW	2	0	1	32	20	-
	Pembroke	30.20	30	NW	2	1	30.18	- .06	38	36	+ 2	SSW	3	0	1	30	22	-
	Blairity	30.10	18	SE	2	0	30.03	- .07	26	21	- 12	E	3	0	2	45	23	-
	Corunna	*	*	*	*	*	20.84	- .23	43	*	- 5	E	1	0	4	*	*	-
25 ^d	Stornoway 2pm	*	*	*	*	*	30.44	- .13	37	36	-	WNW	1	0	1	*	*	-
	Stornoway	30.01	35	WNW	2	0	29.86	- .13	38	38	+ 2	W	4	0	3	38	34	0.05
	Spurn Head	30.22	18	SSW	2	0	30.10	- .19	14	14	- 8	SSW	1	0	1	25	14	-
	Blairity	29.78	32	E	7	0	29.71	- .32	50	47	+ 24	W	7	0	3	25	25	0.16
	Corunna	*	*	*	*	*	29.81	- .03	42	*	- 1	SW	1	0	1	*	*	-
26 ^d	Stornoway 2pm	29.73	37	WSW	4	0	29.82	- .31	38	37	-	WSW	4	0	4	39	27	-
	Stornoway	29.95	42	E	1	0	29.82	- .31	13	13	- 1	SE	1	0	1	23	12	-
	Corunna	*	*	*	*	*	29.48	- .47	55	*	+ 13	S	4	0	4	*	*	-
	Stornoway 2pm	29.73	- 16	E	0	0	29.48	- .47	37	36	-	WSW	4	0	4	*	*	-
27 ^d	Hoparunda	20.73	18	E	0	0	20.73	+ .15	21	20	+ 13	SE	2	0	2	- 6	- 20	-
	Sernsand	20.32	16	Z	0	0	20.82	+ .11	21	20	+ 6	Z	0	0	2	25	7	-
	Stockholm	20.84	27	SW	4	0	20.83	+ .14	16	15	+ 19	SSW	0	0	2	37	7	-
	Nisby	20.54	16	NE	4	0	20.86	+ .04	25	24	- 5	Z	0	0	2	32	21	-
	Bodo	20.54	25	W	6	0	20.54	+ .10	11	10	+ 1	E	4	0	2	21	10	-
	Christiansund	20.54	25	W	6	0	20.45	- .11	36	25	+ 1	SE	4	0	3	27	18	0.12
	Skuderaas	20.61	29	SE	6	0	20.45	- .23	33	31	- 6	SE	6	0	6	30	?	-
	Oes	20.75	31	SSW	2	0	20.58	- .17	28	27	- 8	SE	2	0	3	36	25	-
	Stornoway	20.43	35	WSW	2	1	20.17	- .38	32	31	+ 2	W	3	2	1	38	25	-
	Spurn Head	20.54	26	SE	2	1	20.31	- .46	33	32	+ 11	SE	4	0	4	35	21	0.01
	Corunna	*	*	*	*	*	20.26	- .08	46	*	- 9	SE	6	0	5	*	*	-
	Stornoway 2pm	28.98	37	SE	4	2	20.06	- .27	37	36	-	SE	3	0	2	-	32	0.17
	Corunna	*	*	*	*	*	20.40	+ .11	40	40	+ 8	SSW	4	0	3	40	*	-
	London	29.78	45	SE	4	0	29.43	- .17	66	*	+ 20	S	1	0	5	*	*	-
28 ^d	Stornoway 2pm	29.78	45	SE	4	0	28.86	- .08	42	43	+ 3	SSW	5	0	5	46	37	0.20
29 ^d	Cushaven	20.10	34	SE	1	0	20.14	- .16	35	35	0	Z	0	0	7	32	0.18	-
	Stornoway	28.86	42	SSW	2	0	20.33	- .10	42	42	+ 2	SE	4	0	4	44	40	0.03
	Corunna	*	*	*	*	*	28.72	- .10	53	*	+ 13	SW	2	0	5	*	*	-
30 ^d	Stornoway 2pm	28.73	43	SE	4	2	28.71	+ .17	44	43	-	SE	4	0	4	-	42	-
31 ^d	Stornoway	28.97	37	E	2	0	29.10	+ .19	40	42	+ 1	SE	3	0	3	44	37	-
	Corunna	*	*	*	*	*	29.63	- .19	55	43	0	SW	6	0	5	*	*	-
	Stornoway 2pm	*	*	*	*	*	29.17	-	41	41	-	SSW	6	0	5	*	*	-
2. CORRECTIONS																		
1 st	Nain	-	-	-	-	-	30.39	+ .36	-	-	-	-	-	-	-	35	-	-
3 rd	Luist Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02
10 th	Valentia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15 th	London	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-
17 th	Oxford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-
19 th	Holyhead	-	-	-	-	-	-	-	-	40	-	-	-	-	-	-	-	-
21 st	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
23 rd	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	E NE	-	-	2	43	33	-
25 th	Holyhead	-	-	-	-	-	30.39	- .15	-	-	-	-	-	-	-	-	-	-
27 th	Corunna	-	-	-	-	-	29.91	- .21	-	-	-	-	-	-	-	-	-	-
29 th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31 st	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 st	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 rd	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13 th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15 th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17 th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19 th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 st	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23 rd	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25 th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27 th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29 th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31 st	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 st	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 rd	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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15 th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17 th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19 th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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23 rd	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25 th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27 th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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1 st	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 rd	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13 th	Barrow-in-Furness	-																