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METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY—31ST DECEMBER.

1883.

Soc. Reg. Lond.

DAILY WEATHER REPORT

FOR

SATURDAY, 1ST DECEMBER.

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

(SECRETARY.)

Printed by J. H. B. Hallford, 5, Cornhill, London.

WEATHER CHARTS

for 8 a.m. on

Saturday 1st DECEMBER 1882

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Isobars are drawn for each inch 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.

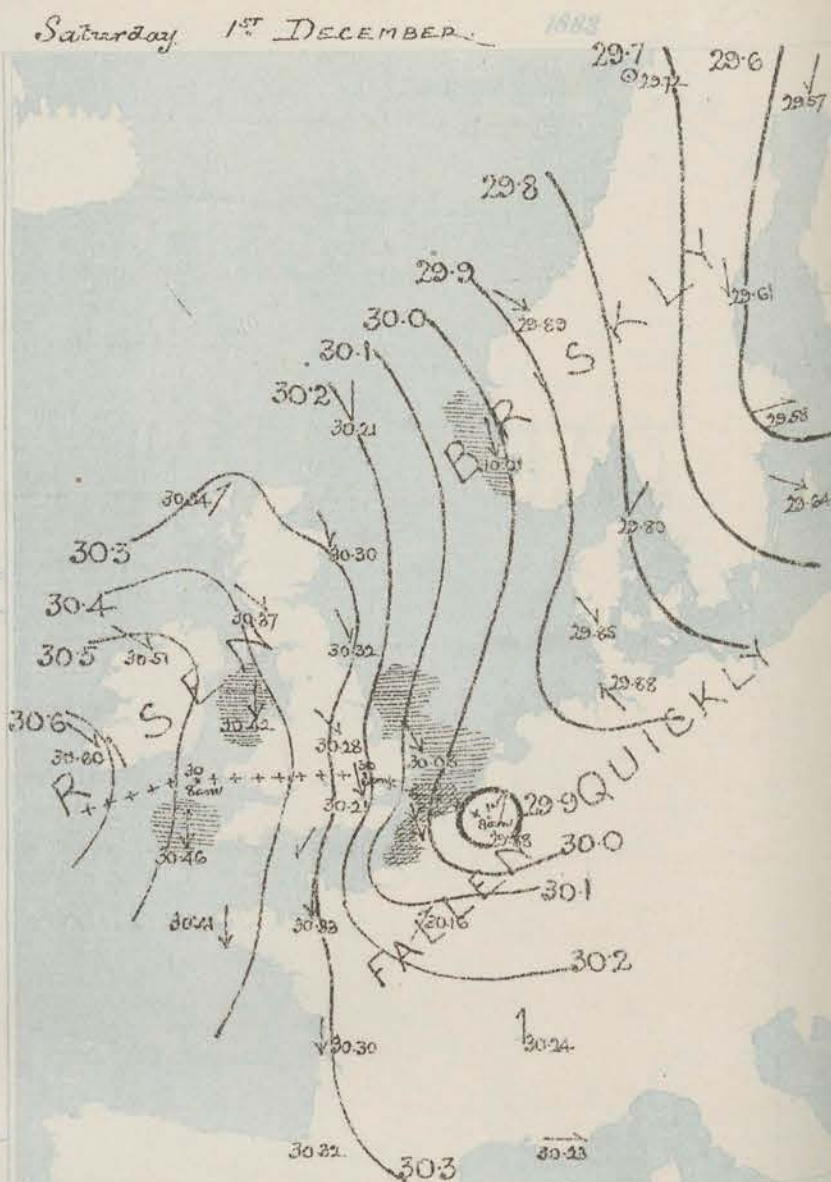
Sea Disturbance; where considerable, is shown by shading round the coast, thus - Rough; - High.

MEAN* HEIGHT of the BAROMETER

at 8 a.m. for the month of December.

Stations.	Mean Readings
Sunbury Head.	29.62
Stornoway.	29.70
Wick.	29.71
Nairn.	29.74
Aberdeen.	29.75
Leith.	29.80
Shields.	29.83
York.	29.87
Ardrossan.	29.87
Dounglass.	29.87
Holyhead.	29.88
Liverpool.	29.88
Valencia.	29.88
Rochester Point.	29.88
Pembroke.	29.89
Sally.	29.90
Harst Castle.	29.90
Dover.	29.91
LONDON.	29.91
Oxford.	29.91
Cambridge.	29.91
Birmingham.	29.92

* These means are for the 10 years 1871 to 1880.



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 AT 8 A.M. AND RAINFALL.

for the month of December.

Stations.	Temp.	Rainfall.
Sunbury Head.	39.0	4.13
Stornoway.	39.9	0.61
Wick.	37.8	0.81
Nairn.	38.8	0.02
Aberdeen.	38.9	0.42
Leith.	38.4	1.86
Shields.	38.2	0.09
York.	36.2	2.57
Ardrossan.	40.1	4.17
Dounglass.	40.1	2.65
Holyhead.	41.9	4.00
Liverpool.	39.1	1.89
Valencia.	44.7	0.05
Rochester Point.	42.9	4.89
Pembroke.	43.7	4.26
Sally.	47.2	4.14
Harst Castle.	40.8	2.86
Dover.	40.0	0.31
LONDON.	38.1	2.28
Oxford.	37.3	2.19
Cambridge.	36.2	2.62
Birmingham.	37.9	2.89

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Saturday 1st DEC^r 1853 at 8 a.m.

The large depression noticed yesterday morning off the Norwegian coasts, and the small disturbances at the mouth of St George's Channel have both moved eastwards, and the barometer has risen in almost all parts of our Islands, as well as in Scandinavia. Over France and the Netherlands, however, the mercury has fallen somewhat. The highest pressures are now found off the south-west of Ireland, and at Yalencein the barometer stands at 30.6 ins. The wind has veered to the northward in almost all places, and blows strongly at our south eastern and some of the French stations. On our extreme north-west coasts, however, it is inclined to back to the SWrd again. Rain is falling in the south-east of England and north-east of France, but elsewhere the weather is generally fair. In the course of yesterday or the night heavy rain fell over England the largest amount reported being 0.6 in: at Spurn Head, Holyhead and Yarmouth. Temperature has fallen in most places, and readings now range from 49° at Scilly to 34° at Darkestown. Sea is rather rough on the E. coast of England as well as at Scilly, Holyhead.

The disposition of the wind to back on our NW. coasts seems to indicate that a new depression is probably off the Scotch coast.

FORECASTS

for the 24 hours ending at Noon
on the

2nd DECEMBER.

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

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

NW² to W² winds, moderate;
fair to unsettled and some rain.

6 SCOTLAND
WEST

Same as N^{os} 0 to 2.

2 SCOTLAND
EAST

--- D^o --- D^o --- D^o ---

7 ENGLAND
N.W.

Same as N^{os} 0 to 2.

3 ENGLAND
N.E.

--- D^o --- D^o --- D^o ---

8 ENGLAND
S.W.

N² to NW² winds, moderate; fair
generally.

4 ENGLAND
EAST

Same as N^o 5

9 IRELAND
NORTH

Same as N^{os} 0 to 2.

5 MIDLAND
COUNTIES

Same as N^o 5

10 IRELAND
SOUTH

NW² winds, moderate; fair
generally.

6 ENGLAND
SOUTH

N² to NW² winds, moderate or
fresh; fair generally.

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR

1st DEC^r

1883

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	29.36	32	NE	2	0	29.57	+ 13	30	29	- 5	NE	4	0	*	36	3	-			
Hernösand	29.41	39	NW	4	0	29.61	+ 18	36	34	- 2	N	4	0	*	43	36	0.04			
Stockholm	29.53	41	W	6	0	29.58	- 05	35	32	- 12	N	2	60	*	48	?	-			
Wisby	29.62	42	SW	6	0	29.64	- 12	41	38	- 3	NW	6	6	*	46	?	-			
Bodö	29.64	36	E	2	60	29.72	+ 43	34	32	- 5	N	0	6	0	39	34	-			
Christiansund	29.78	42	NNW	6	0	29.89	+ 39	41	39	- 4	NNW	6	C	5	45	37	0.16			
†Skudesnes	29.87	46	NNW	2	2	30.01	+ 16	41	37	- 6	NNW	7	60	4	?	?	0.12			
Örö (Xiansund)	29.84	45	W	4	60	29.85	+ 32	40	38	- 8	NW	4	6	2	48	37	-			
Skagen (The Skaw)	29.99	45	NW	5	2	29.80	- 06	45	40	- 1	NE	4	0	3	48	43	-			
Fanö	29.97	45	N	2	0	29.85	- 20	44	44	- 2	NW	2	C	*	46	43	0.08			
Cuxhaven	30.03	89	SW	3	?	29.58	- 32	42	42	+ 5	SE	2	60	*	?	34	0.12			
†Sumburgh Head	29.97	44	N	4	60	30.21	+ 40	40	38	- 6	N	3	C	3	47	38	0.07			
†Stornoway	30.17	44	NNW	2	60	30.34	+ 35	42	42	0	SW	3	0	3	48	39	0.06			
Wick	30.06	43	NNW	2	60	30.29	+ 31	40	39	- 1	NW	2	C	1	44	38	0.09			
Nairn	30.13	43	SW	1	2	30.23	+ 27	43	41	0	NNW	2	0	2	46	41	-			
†Aberdeen	30.07	43	W	3	6	30.30	+ 27	41	40	0	NW	4	6	2	47	40	-			
Leith	30.13	46	W	1	C	30.35	+ 26	40	38	- 6	W	1	?	*	48	38	-			
†Shields	30.09	45	NW	2	0	30.32	+ 22	44	40	- 6	NNW	2	0	3	50	40	0.05			
Spurn Head	30.02	45	N	5	2	30.18	+ 03	45	44	0	N	6	60	5	47	41	0.59			
York	30.10	43	N	1	2	30.23	+ 12	42	40	- 3	N	2	6	*	48	40	0.44			
Loughborough	30.07	43	NNW	3	2	30.28	+ 08	40	38	- 6	NNW	3	0	*	49	39	0.43			
†Ardrossan	30.13	45	NNW	2	6	30.37	+ 26	42	41	- 6	NW	2	6	1	48	40	-			
†Mullaghmore	30.32	45	NNW	4	6	30.51	+ 35	44	43	- 2	NNW	2	0	3	48	42	0.07			
Donaghadee	30.12	46	NNW	3	60	30.41	+ 26	44	43	0	NNW	4	6	2	48	44	0.15			
Parsonstown	30.36	45	NNW	1	C	30.56	+ 33	44	38	- 11	N	0	60	*	48	34	0.11			
Barrow-in-Furness	30.14	45	N	2	0	30.34	+ 22	41	40	0	N	3	60	3	49	40	0.19			
†Holyhead	30.17	46	N	3	2	30.42	+ 26	43	45	- 3	N	6	C	6	51	43	0.60			
Liverpool (Bidston)	30.14	44	NW	2	2	30.37	+ 24	43	42	- 4	NW	3	6	3	52	43	0.45			
†Valencia	30.41	48	N	4	C	30.60	+ 36	47	44	+ 3	NW	2	0	2	52	39	-			
Roche's Point	30.37	45	NNW	4	6	30.53	+ 34	43	41	- 5	NNW	4	6	3	51	40	0.18			
Pembroke	30.21	44	NNW	4	0	30.42	+ 25	46	43	- 6	NNW	4	60	3	53	44	0.33			
†Scilly	30.25	49	NNW	6	0	30.46	+ 23	49	44	- 5	N	6	C	5	55	47	0.14			
Prawle Point	30.18	48	SW	4	2	30.39	+ 10	43	40	- 9	NNW	4	6	2	53	41	0.08			
Hurst Castle	30.11	52	SW	5	2	30.30	00	42	40	- 8	NE	3	C	3	52	40	0.09			
†Dover	30.13	50	WSW	4	C	30.07	- 23	43	42	- 3	NNW	5	0	2	51	43	0.30			
†London	30.09	51	SSW	5	0	30.21	- 08	44	41	0	NNW	5	0	*	53	41	0.14			
Oxford	30.07	44	NNW	3	2	30.39	+ 12	41	39	+ 3	NW	5	0	*	52	38	0.27			
Cambridge	30.02	49	SW	1	0	30.21	- 03	42	41	0	N	2	2	*	51	40	0.45			
†Yarmouth	30.06	44	SSW	2	0	30.08	- 15	45	44	+ 3	NNW	5	0	5	46	41	0.57			
The Helder	30.04	47	SW	2	0	29.94	- 26	44	43	- 1	NNE	3	C	3	48	43	0.16			
Cape Gris Nez	30.17	46	SW	4	0	30.04	- 28	45	45	+ 1	NNW	9	2	7	50	43	0.24			
†Jersey	30.21	40	SSW	4	0	30.33	- 02	47	45	+ 2	N	5	0	4	51	43	0.07			
Brest	30.25	52	NNW	5	2	30.41	+ 05	49	49	- 1	N	7	0	4	54	46	0.04			
Lorient	30.20	47	SSW	4	60	30.38	- 01	48	43	+ 7	N	6	4	4	50	39	-			
†Rochefort	30.36	48	W	1	0	30.30	- 08	49	48	+ 12	N	7	6	2	54	?	0.08			
Biarritz	29.95	54	NE	1	6	30.32	- 01	55	53	+ 8	SE	5	0	2	64	?	-			
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.88	- 48	39	39	+ 6	SSW	1	0	*	?	33	0.04			
Charleville	29.76	31	SE	4	0	30.03	- 37	33	29	+ 2	?	5	0	*	33	29	-			
Paris	30.33	36	NNW	5	?	30.16	- 30	44	41	+ 11	SW	4	2	*	*	*	-			
Lyons	30.40	36	NNW	1	?	30.24	- 24	31	31	- 2	SSW	1	?	*	38	30	-			
Toulon	30.49	34	W	3	2	30.23	- 31	47	46	0	N	4	0	2	55	45	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	30.91	39	N	3	0	29.96	+ 04	36	35	- 11	N	1	C	*	45	34	0.32			

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.90	47	45	W	4	0	4	Valencia ...	30.33	52	50	NW	3	c	3
Sumburgh Head	29.86	45	45	NNW	4	0	4	Scilly ...	30.20	51	51	NW	5	0	4
Stornoway ...	30.09	46	45	W	4	0	3	Dover ..	30.21	49	48	WSW	3	0	2
Aberdeen ...	30.08	49	43	W	2	0	2	London ...	30.19	53	49	SW	4	0	*
Shields ...	30.12	47	44	NNW	3	0	2	Yarmouth ..	30.16	46	45	WSW	2	cm	2
Ardrossan ...	30.15	47	45	NNW	1	0	1	Jersey ...	30.30	44	44	S	2	m	3
Mullaghmore	30.24	46	45	W	5	0	4	Rochefort ...	30.39	50	48	SE	4	m	2
Holyhead ..	30.18	45	43	N	3	0	3								

The small depression noticed at the Mouth of the St. George's Channel this morning is moving Eth and the barometer continues to fall in the S. and SE. of England. The wind has ceased to blow at all the Wth stations but remains SW in the SE. Rain is falling at Shields, Holyhead, and Scilly.

EXPLANATION OF COLUMNS.

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

DAILY WEATHER REPORT

FOR

SUNDAY 2ND DECEMBER.

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

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S. W.

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ROBERT H. SCOTT

(SECRETARY)

Food² I singed later (in 2. reached 5' more garden

WEATHER CHARTS

for 8 a.m. on

SUNDAY 2nd DEC: 1883

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 as shown by shading round the coast;

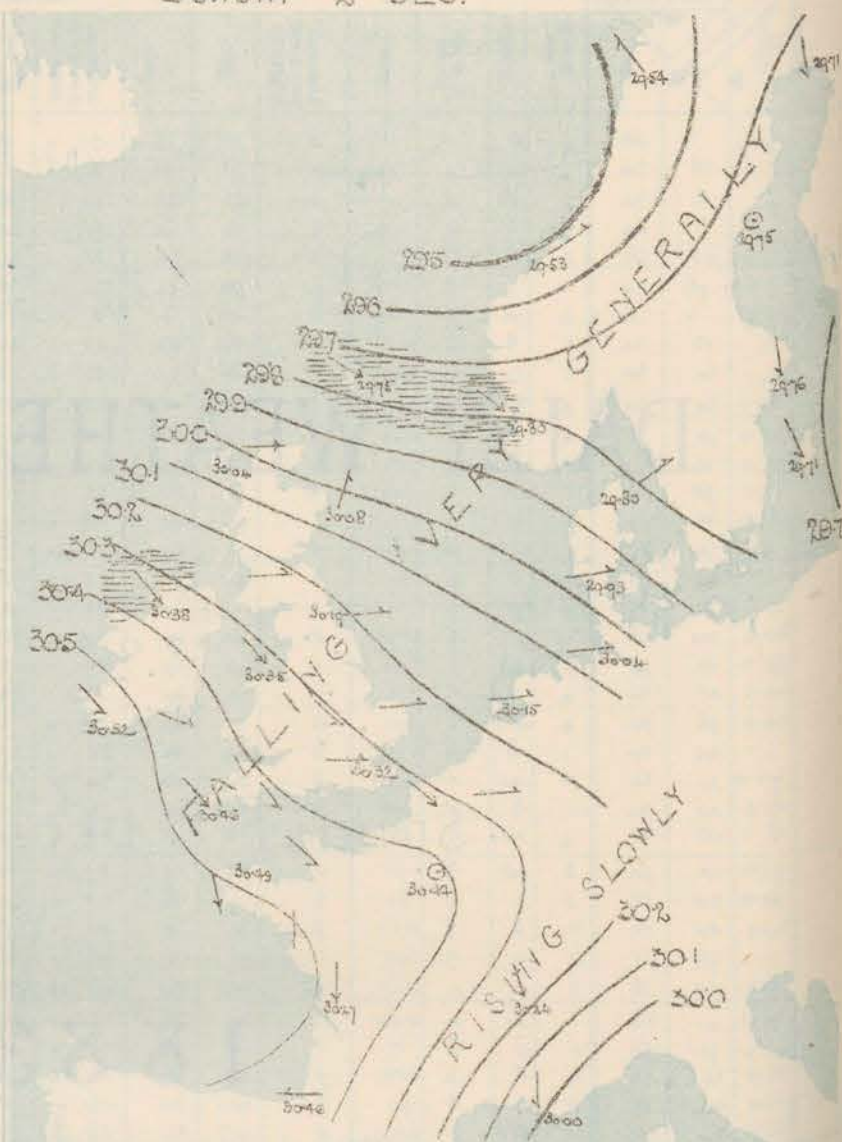
thus Rough High

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of December

Stations	Mean Readings
Sumburgh Head	29.96
Sarnoway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.780
Leith	29.800
Stirling	29.836
Glasgow	29.877
Ardrassan	29.810
Donaghadee	29.832
Holyhead	29.858
Liverpool	29.882
Valencia	29.878
Rochester Point	29.880
Penrhye	29.897
Sally	29.940
Barrow Castle	29.938
Dover	29.942
LONDON	29.974
Oxford	29.947
Cambridge	29.956
Yarmouth	29.965

* These means are for the 10 years 1871 to 1880.



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 alphabet 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.

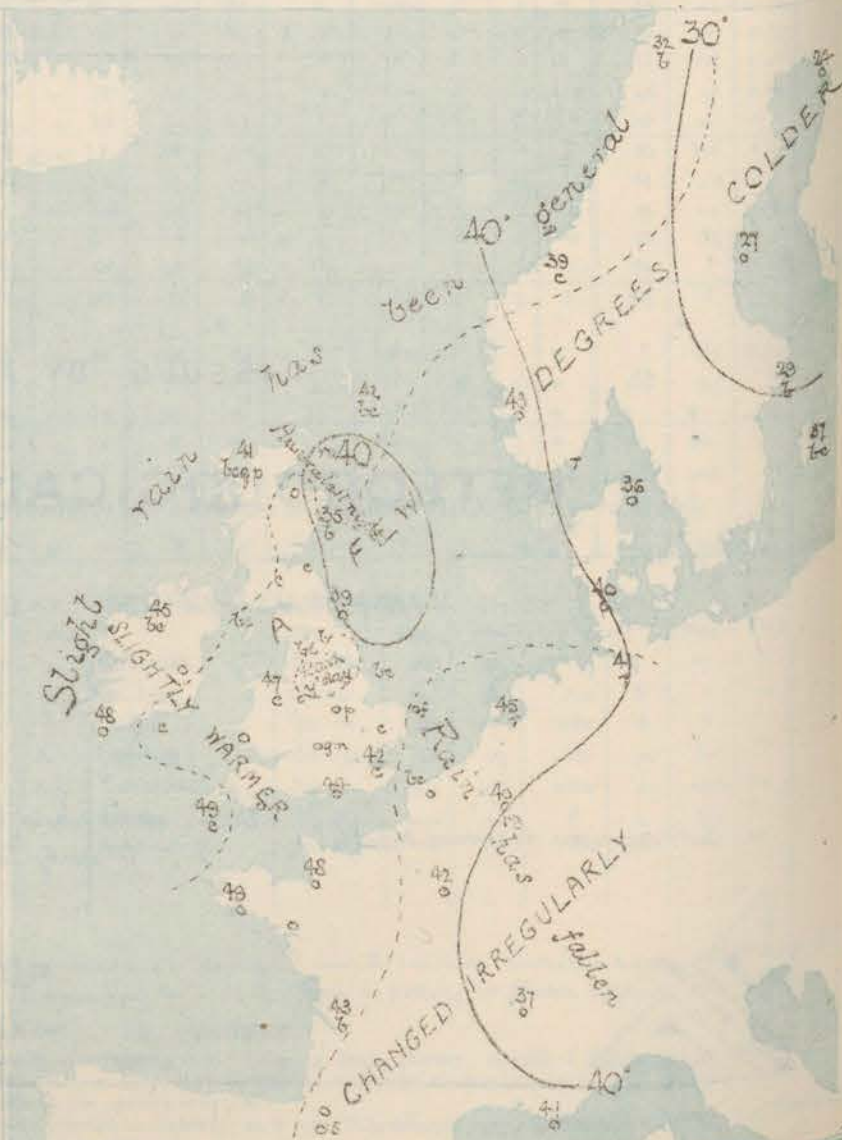
Falls of 0.5 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL

for the month of December

Stations	Temp.	Rainfall
Sumburgh Head	39.0	0.13
Sarnoway	38.9	0.41
Wick	37.8	0.27
Nairn	36.8	1.01
Aberdeen	36.9	0.92
Leith	38.9	1.95
Stirling	39.2	0.68
Glasgow	38.2	1.59
Ardrassan	40.1	0.17
Donaghadee	40.1	2.85
Holyhead	42.9	0.03
Liverpool	39.7	2.89
Valencia	41.7	6.05
Rochester Point	42.9	0.89
Penrhye	43.7	0.20
Sally	47.2	0.16
Barrow Castle	40.6	2.96
Dover	40.1	1.57
LONDON	38.7	1.28
Oxford	37.8	2.59
Cambridge	36.3	0.62
Yarmouth	37.9	0.39

* These mean 8 a.m. temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for... Sunday 2nd December 1883 at 8 a.m.

The area of highest pressure still lies off our SW. coasts, but in the course of the past 24 hours a large depression has appeared off the N. of Norway, so that the barometer has fallen at all our more northern stations. In the extreme south of our Islands and also over the Continent pressure has increased somewhat. W^{ly} or NW^{ly} breezes of moderate strength are reported from all but the Scandinavian stations, where the wind is rather variable.

A NW^{ly} gale was experienced at Wick last night. The weather varies greatly in different places but is upon the whole rather cloudy, with showers at Downway. During the night slight showers have fallen in many parts of the country. Aurora was seen last evening at Wick and Aberdeen. Temperature has risen a little at most of the N. and S. stations, but fallen in the E. and readings now range from 49° at Sillby to 35° at Aberdeen.

The sea is rather rough at Burnburgh Head and Mullaghmore, moderate or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

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

DISTRICTS

11 SCOTLAND NORTH

SCOTLAND EAST

2 ENGLAND N.E.

3 ENGLAND EAST

4 MIDLAND COUNTIES

5 ENGLAND SOUTH

FORECASTS

NONE ISSUED

DISTRICTS

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

WARNINGS

FORECASTS

NONE ISSUED

The 14 cone was hoisted last evening in District 0

METEOROLOGICAL OBSERVATIONS FOR 23rd DECEMBER 1883

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.		Addition of Rainfall.					
			Dir.	Force (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.						
Haparanda	29.76	25	N	2	b	29.71	+ .14	24	24	—	6	N	2	0	*	30	23	—				
Hernösand	29.76	31	Z	0	b	29.75	+ .14	37	26	—	9	Z	0	0	*	39	?	—				
Stockholm	29.78	34	N	4	o	29.76	+ .18	27	29	—	6	N	2	0	*	23	?	—				
Wisby	29.68	39	NNW	4	o	29.71	+ .07	37	34	—	4	NNW	4	bc	*	43	37	—				
Bodö	29.75	31	E	2	c	29.54	— .18	32	31	—	2	SE	2	b	0	34	28	—				
Christiansund	29.89	40	N	3	o	29.83	— .36	39	36	—	2	SW	4	c	4	41	34	0.16				
†Skudesnaes	30.02	40	L	0	o	29.80	— .21	23	39	+	2	WNW	6	o	5	?	39	0.28				
(Ox) (Xausund)	29.93	34	NNW	4	b	?	?	36	34	—	4	N	1	r	*	43	34	—				
Skagen (The Skaw)	29.92	44	NE	4	b	29.86	— .00	36	35	—	9	WNW	3	o	1	45	34	—				
Fanö	30.00	34	NNW	2	b	29.93	+ .0.8	40	39	—	4	N	1	c	*	45	36	—				
Cuxhaven	?	37	NNW	5	c	30.04	+ .16	41	41	—	1	N	3	r	*	43	37	0.02				
†Sumburgh Head	30.04	44	N	3	o	29.75	— .46	42	38	+	2	NNW	5	bc	5	45	36	0.23				
†Stornoway	30.08	46	WNW	4	r	30.04	— .30	41	40	—	1	N	5	bc	4	46	38	0.12				
Wick	30.10	41	NW	1	o	29.96	— .33	40	38	—	0	WNW	6	bc	4	44	35	0.06				
Nairn	30.14	42	SW	3	c	30.06	— .22	42	40	—	1	N	5	o	3	45	39	—				
†Aberdeen	30.19	39	Z	0	b	30.08	— .22	35	33	—	6	SW	1	b	1	44	35	0.04				
Leith	30.25	40	W	1	m	30.16	— .19	41	39	+	1	W	1	bc	*	46	38	—				
†Shields	30.32	41	NW	3	c	30.19	— .13	39	36	—	5	N	2	o	4	45	38	—				
Spurn Head	30.29	43	NW	5	c	30.20	+ .02	44	43	—	1	WNW	5	bc	4	46	38	—				
York	30.36	39	N	1	b	30.25	— .03	41	38	—	1	WNW	1	bc	*	46	36	0.02				
Longborough	30.38	38	X	0	o	30.24	+ .01	44	43	+	4	NW	2	bc	*	45	36	—				
†Ardrossan	30.33	47	W	1	c	30.22	— .15	45	43	+	3	W	3	c	2	48	41	0.02				
†Mullaghmore	30.42	47	W	5	o	30.38	— .13	45	42	+	1	NW	6	bc	5	47	43	0.09				
Donaghadee	30.41	45	W	2	c	30.34	— .09	41	39	—	3	W	2	bc	0	47	40	—				
Parsonstown	30.52	44	X	0	r	30.47	— .09	42	40	+	8	W	1	o	*	47	39	0.02				
Barrow-in-Furness	30.36	44	NW	2	bc	30.27	— .07	44	42	+	3	NNW	3	bc	2	47	40	—				
†Holyhead	30.43	46	W	4	c	30.25	— .07	47	42	—	1	NNW	5	c	4	48	42	—				
Liverpool (midstn)	30.39	45	WNW	3	o	30.31	— .06	48	41	—	0	WNW	4	c	3	46	43	0.02				
†Valencia	30.58	49	W	1	c	30.52	— .08	48	44	+	1	NW	3	o	3	50	44	0.04				
Roche's Point	30.54	45	W	3	b	30.48	— .05	46	45	+	3	WNW	3	c	3	50	40	—				
Pembroke	30.47	47	NNW	2	c	30.38	— .04	48	47	+	2	SW	4	c	3	49	45	—				
†Scilly	30.50	49	N	5	o	30.46	— .00	49	46	—	0	NW	5	c	4	49	46	0.02				
Fawley Point	30.47	42	NNW	1	b	30.44	+ .05	46	44	+	3	NW	2	o	1	50	37	—				
Burst Castle	30.41	40	NNE	2	b	30.38	+ .08	44	42	+	2	NNW	3	c	2	52	36	—				
†Dover	30.31	45	NNW	4	bc	30.31	+ .24	42	40	—	1	N	3	bc	2	48	39	0.02				
†London	30.38	43	NNW	3	b	30.32	+ .11	42	41	—	2	N	1	c	*	48	37	—				
Oxford	30.42	39	NW	2	bc	30.35	— .04	41	40	—	0	W	3	bc	*	45	37	—				
Cambridge	30.36	42	N	2	o	30.29	+ .05	41	39	—	1	W	1	c	*	45	35	—				
Yarmouth	30.27	43	NNW	3	bc	30.23	+ .15	41	40	—	4	W	3	of	4	47	35	0.02				
The Helder	30.19	45	NNW	3	c	30.15	+ .04	45	43	+	1	W	3	r	3	46	43	0.08				
Cape Gris Nez	30.26	46	NNE	9	o	30.22	+ .28	45	44	—	0	NW	5	o	4	48	43	—				
†Jersey	30.44	46	N	5	o	30.45	+ .12	48	44	+	1	NW	3	o	3	48	44	—				
Brest	30.51	49	N	5	b	30.49	+ .08	49	45	—	0	NNW	5	o	3	50	43	—				
Lorient	30.47	49	NE	7	b	30.32	+ .14	47	43	—	1	N	4	o	3	54	43	—				
†Rochefort	30.38	48	N	7	c	30.47	+ .17	46	42	—	6	N	7	b	2	52	37	—				
Biarritz	30.36	48	N	3	o	30.46	+ .14	?	?	?	?	E	3	o	2	57	32	0.47				
Genoa	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
Brussels	*	*	*	*	*	30.47	+ .59	40	40	+	1	W	1	o	*	45	38	1.90				
Charleville	? 30.41	40	SW	7	o	30.29	+ .26	36	?	+	3	SW	1	o	*	44	?	0.08				
Paris	30.80	44	N	4	r	30.44	+ .28	42	41	—	2	Z	0	o	*	*	*	0.10				
Lyons	30.21	40	NNW	3	o	30.24	— .00	37	35	+	6	NNW	8	o	*	41	?	0.04				
Toulon	30.05	46	NNW	7	c	30.00	— .23	41	36	—	6	N	3	o	3	54	39	0.08				
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	28.94	36	W	1	bc	28.97	+ .01	37	35	+	1	WNW	4	b	*	42	34	0.06				

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	30.05	41	39	NW	4	c	4	Valencia	30.58	50	47	N	2	o	5
Sumburgh Head	30.14	42	39	W	2	c	2	Scilly	30.50	49	45	N	6	c	5
Stornoway	30.24	44	40	S	4	c	3	Dover	30.19	47	43	NNW	5	bc	3
Aberdeen	30.28	44	42	WNW	1	b	2	London	30.31	46	42	NW	4	o	*
Shields	30.34	45	42	NW	3	o	4	Yarmouth	30.21	46	44	NNW	4	c	4
Ardrossan	30.37	46	44	W	3	c	2	Jersey	30.37	47	45	N	5	bc	4
Mullaghmore	30.45	46	45	WSW	5	bc	3	Rochefort	30.34	51	49	N	7	e	2
Holyhead	30.43	48	44	NW	5	c	6								

Pressure is decreasing somewhat decidedly in the NW and W, where the wind has backed to the SW, with dull wet weather. The general appearance is becoming very unsettled. The sea is rough in the W and S.


EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); 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, 3RD DECEMBER

1883.


ISSUED BY THE

METEOROLOGICAL OFFICE

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S. W.

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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on

Monday 3rd DECEMBER.

1888

BAROMETER, WIND & SEA.

Explanation of Map.

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

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

Wind. Arrows show the prevalent winds.

They fly with the wind, and their barbs

and feathers refer to force; thus,

→ forces above 10; → forces 8 to 10

→ forces 5 to 7; → forces 1 to 4;

○ - dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast;

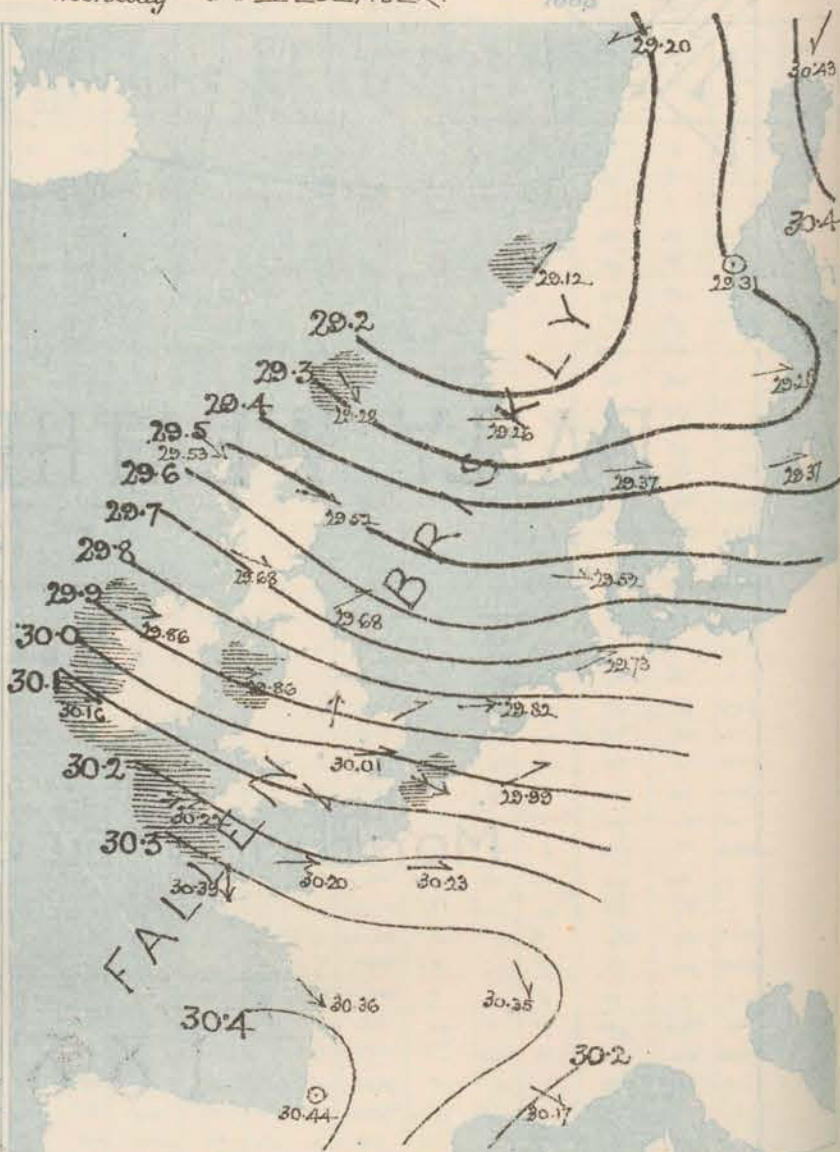
thus - Rough; - High.

MEAN^h HEIGHT of the BAROMETER

at 8 a.m. for the month of December.

Stations.	Mean Readings
Sumburgh Head	29.680
Stornoway	29.701
Wick	29.713
Nairn	29.744
Aberdeen	29.750
Leith	29.800
Glasgow	29.836
York	29.877
Ardrossan	29.810
Donaghadee	29.832
Holyhead	29.858
Liverpool	29.882
Valencia	29.870
Roche's Point	29.889
Pembroke	29.897
Sally	29.943
Hurst Castle	29.888
Dover	29.942
LONDON	29.934
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning

are stated in words.

Weather. Letters of the Beaufort Scale show state

of Weather at 8 a.m.

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

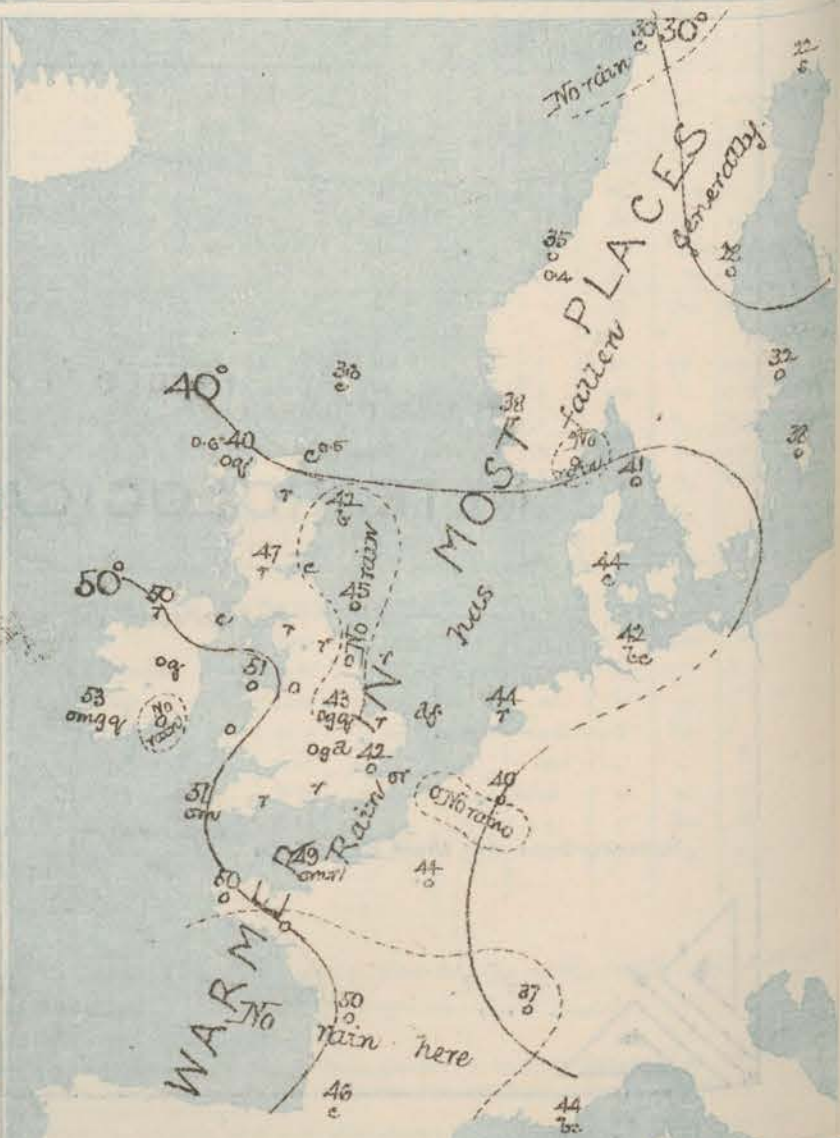
Falls of 0.5 in. or more, are quoted in figures.

MEANS^h OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of December.

Stations.	Temp.	Rainfall.
Sumburgh Head	39.0	4.13
Stornoway	38.9	5.61
Wick	37.8	3.21
Nairn	36.9	2.01
Aberdeen	36.0	3.42
Leith	38.4	1.95
Glasgow	39.2	0.03
York	36.2	2.89
Ardrossan	40.1	4.17
Donaghadee	40.1	2.85
Holyhead	42.9	1.03
Liverpool	39.7	2.89
Valencia	44.7	6.05
Roche's Point	42.0	4.89
Pembroke	43.7	4.26
Sally	47.2	4.18
Hurst Castle	40.8	2.98
Dover	40.0	3.51
LONDON	38.1	2.26
Oxford	37.3	2.79
Cambridge	36.3	2.62
Yarmouth	37.9	2.99

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880, the mean amounts of Rain are mainly those for the 45 years 1866 to 1880.



REMARKS

for Monday 3rd December. 1882 at 8 a.m.

In the course of the past 24 hours the barometer has fallen in all parts of Western Europe, and the area of high pressure noticed off our SW. coast on Saturday and Sunday has been transferred to the Bay of Biscay. A large depression lies off the west of Norway, and some small irregularities of pressure are found over various parts of our Islands. In the north of Scandinavia the wind is E³ but elsewhere it varies between SW. and NW., and at Scilly it blows with the force of a fresh gale. The sky is cloudy or overcast generally with rain in many places. Rain fell yesterday at all but our eastern stations, the largest amounts being 0.4 in. at Stromway and 0.5 in. at Wick. Temperature has risen in most places, and readings now range from 53° at Valencia to 36° in the Shetlands. The sea is rather rough on the more exposed parts of our western and southern coast.

In the course of the ensuing twenty four hours small disturbances will probably continue to pass across Ireland and England, occasioning rain at times, and strong winds over the Channel.

FORECASTS

for the 24 hours ending at Noon
on the

4th DECEMBER.

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

MAP SHOWING
DISTRICTS.



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

W² or NW² winds, moderate and fresh; unsettled, some cold rain or sleet.

6 SCOTLAND
WEST

Same as No 2 to 4

7 SCOTLAND
EAST

-----D^o-----D^o-----D^o-----

7 ENGLAND
N.W.

Same as Nos 2 to 4

2 ENGLAND
N.E.

SW² and W² winds, fresh; dull rain at times.

8 ENGLAND
S.W.

W² winds, strong; rain at times.

3 ENGLAND
EAST

-----D^o-----D^o-----D^o-----

9 IRELAND
NORTH

Same as No 5

4 MIDLAND
COUNTIES

-----D^o-----D^o-----D^o-----

10 IRELAND
SOUTH

Same as No 5.

5 ENGLAND
SOUTH

W² winds, fresh or strong; dull rain at times.

WARNINGS

The north cone has been lowered this morning in district 0

METEOROLOGICAL OBSERVATIONS FOR

3rd DEC^r 1882

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	29.86	27	2	0	S	29.43	- 28	22	22	- 2	NE	4	S	*	27	21	0.85					
Hernösand	29.51	28	S	2	0	29.31	- 44	28	27	+ 1	2	0	0	*	32	21	0.12					
Stockholm	29.60	29	SSW	2	C	29.26	- 50	32	32	+ 3	W	2	0	*	36	27	0.08					
Wisby	29.64	34	NW	4	bc	29.37	- 34	38	36	+ 1	W	4	0	*	39	32	0.08					
Bodö	29.30	30	E	4	0	29.20	- 34	30	27	- 2	ENE	5	C	2	?	27						
Christiansund	29.35	35	SW	7	S	29.12	- 41	35	33	- 4	SW	3	0	5	?	30	0.39					
†Skudesnaes	29.63	42	WNW	6	0	29.26	- 54	38	36	- 5	W	6	N	4	43	?	0.24					
Oxö (Xiänsund)	29.64	40	W	4	bc	29.32	- 28	38	37	+ 2	W	2	0	3	41	?						
Skagen (The Skaw)	29.61	41	NW	4	b	29.37	- 43	41	38	+ 5	W	3	0	3	41	36	0.16					
Fanö	29.84	42	W	6	C	29.52	- 41	44	42	+ 4	W	4	C	*	?	39	0.12					
Cuxhaven	29.94	41	NNW	3	bc	29.73	- 31	42	42	+ 1	NSW	4	bc	*	43	38	0.06					
†Sumburgh Head	29.68	39	NW	6	0	29.28	- 47	36	34	- 6	WNW	5	C	5	43	32	0.19					
†Stornoway	29.90	42	W	5	oggy	29.53	- 51	40	39	- 1	WNW	5	oggy	4	43	38	0.56					
Wiek	29.78	40	WNW	1	0	29.44	- 52	37	36	- 3	WNW	4	0	4	40	36	0.45					
Nairn	29.95	40	W	3	0	29.55	- 51	40	39	- 2	WSW	3	N	1	44	40	0.13					
†Aberdeen	29.96	42	W	3	C	29.52	- 56	42	39	+ 7	WNW	4	G	1	44	34						
Leith	30.06	43	W	3	0	29.60	- 56	45	43	+ 4	W	4	C	*	45	40						
†Shields	30.13	45	NW	3	0	29.68	- 51	45	43	+ 6	NSW	3	0	3	45	36						
Spurn Head	30.15	43	W	4	C	29.78	- 42	43	42	- 1	SW	4	N	4	44	41	0.05					
York	30.22	43	W	3	0	29.77	- 48	46	44	+ 5	W	4	0	*	48	39						
Loughborough	30.26	43	W	3	0	29.90	- 39	43	41	- 1	SSW	6	oggy	*	46	41						
†Ardrossan	30.13	45	W	4	oggy	29.68	- 54	47	47	+ 2	WNW	4	N	3	47	43	0.04					
†Mullaghmore	30.28	46	WNW	6	oggy	29.86	- 52	50	50	+ 5	W	6	N	5	50	44	0.40					
Donaghadee	30.23	42	SSW	3	bc	29.75	- 57	48	48	+ 7	WNW	3	C	1	48	39	0.04					
Parsonstown	30.38	45	SW	2	0	29.98	- 49	51	50	+ 0	W	4	oggy	*	52	40	0.08					
Barrow-in-Furness	30.23	45	NW	3	b	29.76	- 51	49	46	+ 3	NSW	4	N	3	47	43	0.07					
†Holyhead	30.31	46	WNW	4	b	29.86	- 49	51	50	+ 4	W	5	0	5	51	42	0.22					
Liverpool (Bidsdon)	30.24	45	W	4	0	29.82	- 49	45	45	+ 2	NSW	3	0	3	46	43	0.04					
†Valencia	30.49	47	W	2	0	30.16	- 36	53	52	+ 5	WNW	5	oggy	5	53	46	0.03					
Roche's Point	30.42	45	W	3	C	30.08	- 40	52	51	+ 6	WNW	4	0	4	53	43						
Pembroke	30.37	47	WNW	3	C	29.99	- 39	52	50	+ 4	W	7	0	4	52	46	0.23					
†Scilly	30.44	49	N	5	oggy	30.22	- 24	51	50	+ 2	W	8	om	6	51	46	0.03					
Prawle Point	30.40	44	WNW	2	C	30.14	- 30	49	49	+ 3	NSW	4	N	4	49	40	0.03					
Hurst Castle	30.34	44	WNW	2	0	30.07	- 31	46	45	+ 2	W	3	N	2	48	41	0.10					
†Dover	30.27	44	WNW	2	C	30.02	- 29	47	40	0	NSW	4	0	2	47	39	0.03					
†London	30.40	43	WNW	2	0	30.01	- 31	42	41	0	W	3	0	*	45	37	0.01					
Oxford	30.31	40	W	2	bc	29.98	- 37	44	43	+ 3	NSW	3	oggy	*	45	39	0.01					
Cambridge	30.26	40	NW	1	G	29.92	- 37	42	41	+ 1	SW	1	N	*	48	38	0.01					
†Yarmouth	30.20	40	W	2	0	29.86	- 37	42	41	+ 1	NSW	4	fd	3	44	38	0.01					
The Helder	30.10	45	WNW	3	C	29.82	- 33	44	43	- 1	W	5	N	3	46	43	0.16					
Cape Gris Nez	30.25	45	WNW	5	0	30.01	- 31	46	43	+ 1	WNW	8	0	6	48	43						
†Jersey	30.39	48	WNW	3	0	30.20	- 25	49	49	- 1	W	5	om	4	50	45	0.04					
Brest	30.48	50	N	4	0	30.39	- 10	50	48	+ 1	N	5	0	3	50	46	0.04					
Lorient	30.45	48	WNW	4	bc	30.39	- 13	50	47	+ 3	NW	5	0	3	54	45						
†Rochefort	30.45	49	N	4	0	30.36	- 11	50	49	+ 7	NW	5	0	2	50	41						
Biarritz	30.47	46	N	1	0	30.44	- 02	46	42	?	SW	1	C	2	55	30						
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
Brussels	*	*	*	*	*	29.99	- 48	40	39	0	NSW	3	0	*	43	39	0.04					
Charleville	30.26	41	NSW	7	0	30.11	- 18	38	36	+ 2	NSW	1	0	*	43	32						
Paris	30.33	43	W	4	0	30.23	- 21	44	41	+ 2	W	4	0	*	*	*	0.04					
Lyon	30.38	38	NW	1	0	30.35	+ 11	37	36	0	WNW	1	0	*	59	36						
Toulon	30.15	48	ENE	4	C	30.17	+ 17	44	40	+ 3	WNW	3	bc	2	50	39	0.04					
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	28.97	37	NSW	3	0	28.48	- 51	43	43	+ 6	SW	5	N	*	43	36	0.23					

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.73	42	39	W	6	0	5	Valencia					
Sumburgh Head								Scilly					
Stornoway								Dover					
Aberdeen								London					
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rochefort					
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 DECEMBER

1883.



ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT W. SCOTT

(SECRETARY.)

Printed by J. Longfield, 116, Victoria St. London S.W.

WEATHER CHARTS

for 8 a.m. on Tuesday, 4TH DECEMBER 1883

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isohars are drawn for each inch 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.

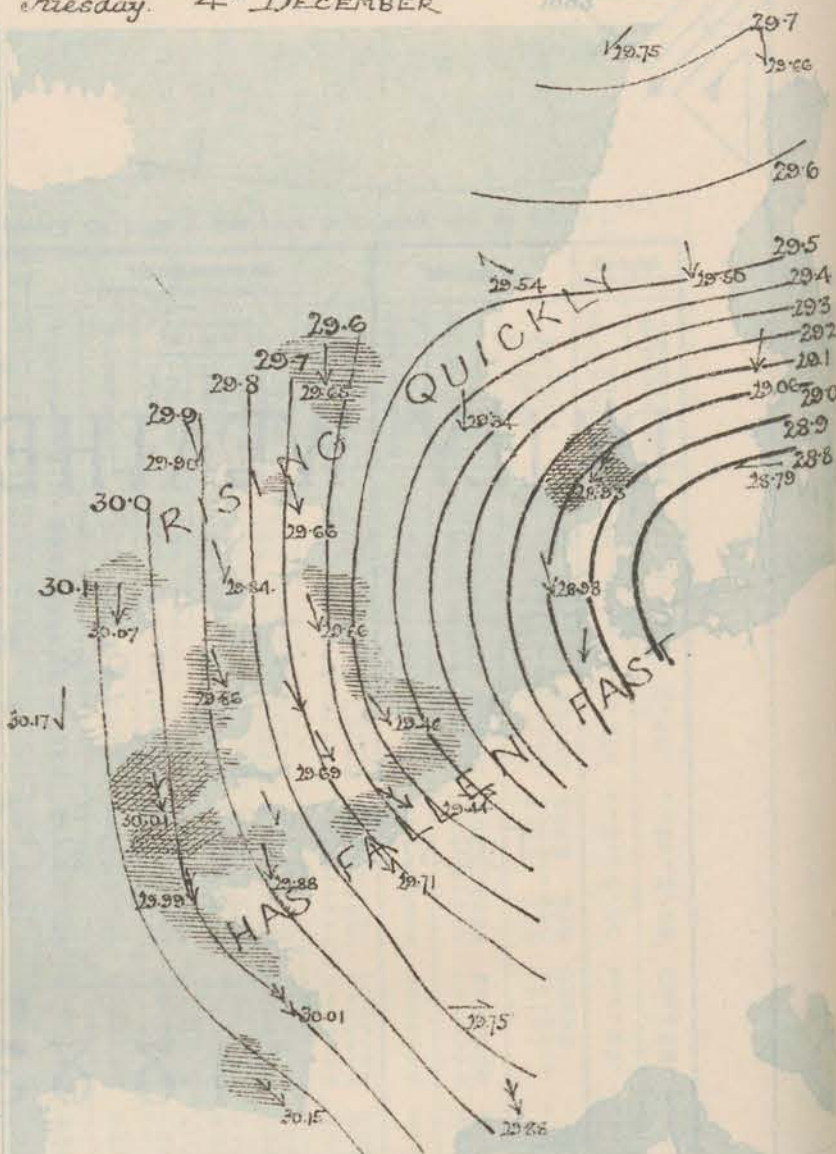
○ dead calm.

Sea Disturbances. When considerable, as shown by shading, rough or high.

MEAN⁸ HEIGHT of the BAROMETER at 8 a.m. for the month of December.

Stations.	Mean Readings.
Sunderburgh Head	29.82
Sarnoway	29.70
Wick	29.73
Nairn	29.71
Aberdeen	29.74
Leith	29.80
Shields	29.86
Lark	29.87
Ardrossan	29.80
Doughhaddoo	29.83
Ballyhead	29.84
Liverpool	29.82
Widnes	29.80
Rochester Point	29.82
Pembroke	29.87
Sally	29.83
Burns Castle	29.80
Dover	29.82
LONDON	29.84
Osford	29.87
Cambridge	29.92
Exmouth	29.80

8 These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature. Isotherms are drawn for each 1°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Rousseaui scale show state of weather at 8 a.m.

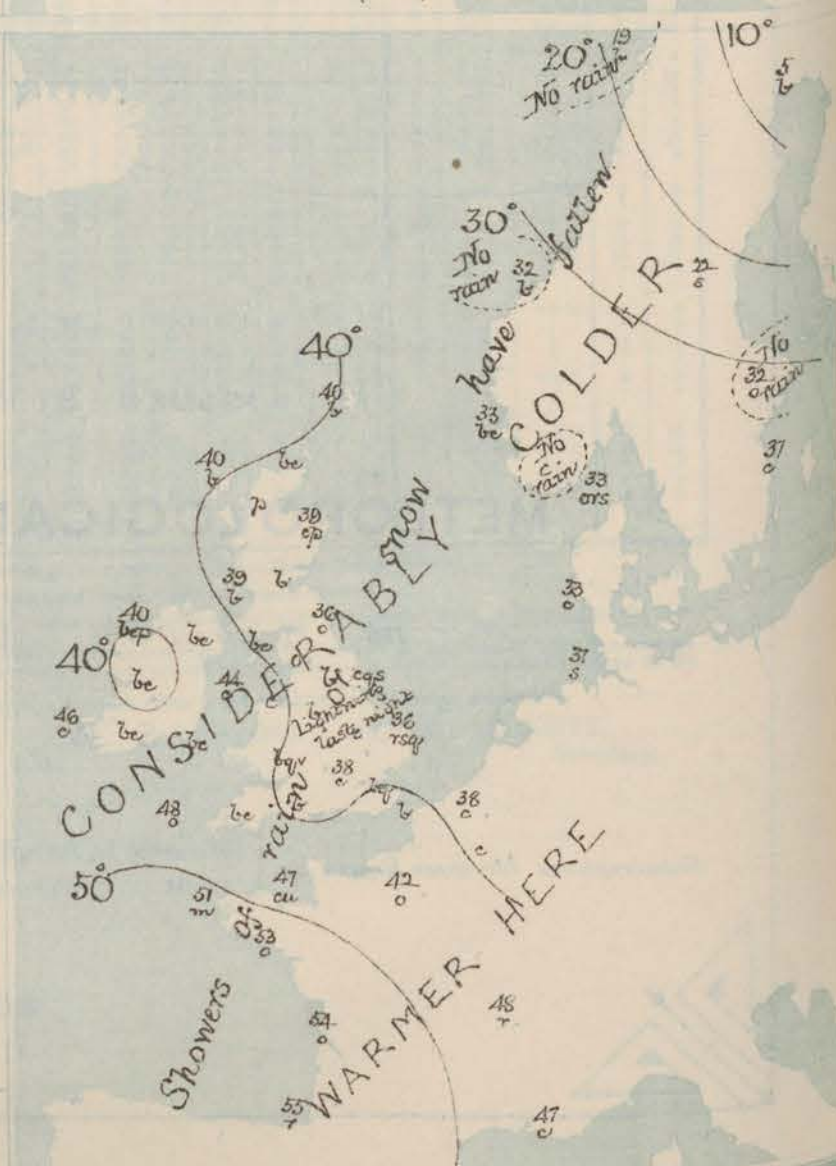
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

MEANS⁸ OF TEMPERATURE AT 8 A.M. AND RAINFALL⁸ for the month of December.

Stations.	Temp.	Rainfall.
Sunderburgh Head	39.0	4.13
Sarnoway	38.9	4.61
Wick	39.4	5.72
Nairn	38.3	1.01
Aberdeen	38.9	3.42
Leith	39.4	1.86
Shields	39.2	0.10
Lark	39.2	2.84
Ardrossan	39.1	4.77
Doughhaddoo	40.1	2.86
Ballyhead	42.9	1.03
Liverpool	39.1	2.49
Widnes	39.7	6.05
Rochester Point	42.9	1.89
Pembroke	43.7	1.36
Sally	47.2	1.18
Burns Castle	40.8	2.04
Dover	46.1	3.51
LONDON	38.9	2.28
Osford	37.9	2.18
Cambridge	38.3	0.42
Exmouth	37.8	2.92

8 These mean 8 a.m. temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 5 years 1866 to 1870.



REMARKS

Tuesday 4th DEC^r

1883 at 8 a.m.

The large depression noticed yesterday morning off the west of Norway ^{has} moved in a S.E.³ direction and now lies over the Baltic. The barometer has consequently fallen at most of the southern and eastern stations, while it has risen steadily in the N., and rapidly in the N. Strong winds or gales from N. or N.W. are reported on almost all coasts, but in the south of Scandinavia the wind is strong from ^{the} N.E.nd. In the course of the night fresh or strong gales have been experienced generally. The weather is cloudy or overcast at most of the Continental stations, with sleet at Skagen, and rain in the south of France. In our islands the sky is moderately clear, but showers of cold rain or sleet are falling on several parts of our N. and E. coasts. Snow fell yesterday in Scotland, and lightning occurred last evening at Spurn Head, Oxford and Cambridge. Temperatures have fallen several degrees, and readings now range from 48° at Scilly to 36° at Shields, York, Harrogate, and Yarmouth. At Haparanda the thermometer has fallen to 5° F^{ahr}.

The sea is very high at the Spaw, and rough on almost all coasts.

It is probable that other depressions will shortly pass down the North Sea, and squalls of cold rain or sleet are likely on our north and east coasts.

FORECASTS

for the 24 hours ending at Noon
on the
5th DECEMBER.

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

MAP SHOWING DISTRICTS



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	N th and N.W. th winds, strong and gusty; changeable, some showers of cold rain or sleet.
2 SCOTLAND EAST	D ^o -----D ^o -----D ^o -----
3 ENGLAND N.E.	D ^o -----D ^o -----D ^o -----
4 ENGLAND EAST	Same as N ^o 5.
5 MIDLAND COUNTIES	Same as N ^o 5.
6 ENGLAND SOUTH	N.W. th to N. th strong winds and gales, fair on the whole, but probably some cold showers.

6 SCOTLAND WEST	Same as N ^o 0 to 2.
7 ENGLAND N.W.	Same as N ^o 0 to 2.
8 ENGLAND S.W.	Same as N ^o 5.
9 IRELAND NORTH	Same as N ^o 0 to 2.
10 IRELAND SOUTH	N th winds, fresh or strong; fair generally.
WARNINGS	The N. cone was hoisted last evening on all coasts.

METEOROLOGICAL OBSERVATIONS FOR

4th DEC.

1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 8).	SHADE TEMP.		Amount of Rainfall.			
			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	29.49	18	NE	4	0	29.66	+ 2.3	5	3	- 17	11	4	6	*	23	9	0.12			
Hernösand	29.18	31	N	0	0	29.50	+ 1.9	22	21	- 6	11	6	5	*	32	9	0.12			
Stockholm	29.01	28	NE	4	0	29.06	- 2.0	32	30	- 0	ENE	7	0	*	34	27	-			
Wisby	28.96	35	SE	4	1	28.79	- 5.8	37	36	- 1	E	4	0	*	39	30	0.12			
Bodö	29.37	26	ENE	4	0	29.75	+ 4.5	19	17	- 11	ENE	4	0	2	30	18	-			
Christiansund	29.10	32	ENE	5	0	29.54	+ 4.2	32	29	- 3	ENE	2	0	4	31	27	-			
Skudesnaes	28.97	33	NW	2	0	29.34	+ 0.8	33	29	- 5	ENE	4	0	3	31	27	-			
Oxö (Xiänsund)	28.89	34	NW	2	0	29.13	+ 1.9	33	31	- 5	N	6	0	4	41	30	-			
Skagen (The Skaw)	28.83	38	NW	5	0	28.93	+ 4.4	30	32	- 8	NE	9	0	9	30	30	0.28			
Fanö	28.97	35	W	4	0	23.98	- 5.4	33	32	- 11	NW	6	0	*	45	32	0.32			
Cuxhaven	29.33	38	N	6	1	29.02	- 7.1	37	37	- 5	ENE	5	0	*	34	34	0.30			
†Sumburgh Head	29.09	35	NW	5	psc	29.65	+ 3.7	40	37	+ 4	N	5	0	5	40	31	0.08			
†Stornoway	29.53	35	NW	5	qf	29.90	+ 3.7	40	39	- 6	NW	4	0	3	42	33	0.34			
Wick	29.34	36	NW	7	0	29.78	+ 3.4	40	38	+ 3	N	3	0	3	40	32	0.17			
Nairn	29.44	35	NW	6	0	29.79	+ 2.4	39	38	- 1	NW	6	0	5	42	32	0.20			
†Aberdeen	29.36	35	WNW	5	0	29.66	+ 1.4	39	37	- 3	NW	5	0	4	43	32	0.42			
Leith	29.45	42	NW	4	bc	29.75	+ 1.5	39	36	- 6	NW	3	0	*	48	35	-			
†Shields	29.46	45	NW	4	bc	29.66	- 0.2	36	36	- 9	NW	6	0	6	49	34	-			
Spurn Head	29.46	47	NW	5	0	29.50	- 2.8	37	37	- 6	NW	8	0	6	47	36	0.09			
York	29.50	46	W	4	0	29.62	- 1.5	36	34	- 10	NW	6	0	*	50	35	0.02			
Loughborough	29.61	49	NW	6	0	29.67	- 2.3	38	35	- 5	NW	7	0	*	51	36	0.06			
†Ardrossan	29.56	43	NW	6	pgsh	29.84	+ 1.6	39	39	- 8	NW	4	0	3	47	36	0.19			
†Mullaghmore	29.85	47	NW	8	qf	30.07	+ 2.1	40	38	- 10	N	5	0	5	51	36	0.23			
Donaghadee	29.64	45	NW	7	0	29.90	+ 1.5	45	43	- 3	N	8	0	6	49	38	0.09			
Parsonstown	29.92	50	W	2	0	30.10	+ 4.2	36	34	- 15	W	1	0	*	52	35	0.04			
Barrow-in-Furness	29.57	46	NW	6	bc	29.75	- 0.1	39	36	- 8	NW	6	0	6	49	38	0.12			
†Holyhead	29.71	49	NW	6	bc	29.86	- 0.0	44	40	- 7	NW	7	0	6	52	41	0.05			
Liverpool (Bidston)	29.65	48	W	6	0	29.80	- 0.2	41	39	- 4	NW	6	0	5	50	39	0.15			
†Valencia	30.12	52	WNW	6	0	30.17	+ 0.1	46	43	- 7	N	3	0	3	53	45	0.09			
Roche's Point	30.00	48	WNW	5	0	30.10	+ 0.2	44	42	- 8	N	4	0	4	55	42	-			
Pembroke	29.85	50	W	6	0	29.96	- 0.5	42	37	- 10	NW	6	0	4	53	42	0.01			
†Scilly	30.05	53	WNW	9	0	30.01	- 2.1	48	45	- 3	NW	8	0	7	53	47	0.05			
Prawle Point	29.92	51	W	6	0	29.91	- 2.3	41	38	- 8	NW	5	0	4	52	40	0.18			
Hurst Castle	29.76	53	NW	7	0	29.81	- 2.6	39	37	- 7	NW	3	0	4	52	37	0.06			
†Dover	29.61	51	W	4	bc	29.59	- 4.3	38	34	- 4	NW	5	0	3	51	36	0.39			
†London	29.63	50	WNW	4	0	29.69	- 3.2	38	34	- 4	NW	5	0	*	54	38	0.03			
Oxford	29.65	52	SW	4	0	29.74	- 2.4	37	34	- 7	NW	5	0	*	55	37	0.01			
Cambridge	29.57	49	NW	1	0	29.62	- 3.0	37	34	- 5	NW	3	0	*	50	34	0.11			
†Yarmouth	29.50	47	WNW	5	0	29.46	- 4.0	36	35	- 6	NW	7	0	5	47	35	0.16			
The Helder																				
Cape Gris Nez	29.65	51	WNW	8	0	29.60	- 4.1	41	40	- 5	WNW	8	0	6	52	39	0.28			
†Jersey	29.93	53	W	7	0	29.88	- 3.2	47	43	- 2	NW	7	0	6	53	46	0.23			
Brest	30.13	52	N	7	0	29.99	- 4.0	51	51	+ 1	WNW	8	0	5	52	46	0.12			
Lorient	30.13	53	WNW	8	0	29.96	- 4.3	53	51	+ 3	NW	8	0	5	55	46	0.04			
†Rocheport	30.21	53	WNW	8	0	30.01	- 3.5	54	54	+ 24	NW	9	0	4	55	41	0.08			
Biarritz	30.34	54	WNW	5	0	30.15	- 2.9	55	52	+ 9	NW	8	0	5	57	43	0.12			
Cornwall																				
Brussels						29.44	- 5.5	38	35	- 2	W	5	0	*	51	37	0.28			
Charleville	29.63	45	SW	8	0	29.50	- 6.1	37	34	- 1	WNW	8	0	*	48	32	0.12			
Paris	29.90	47	SW	8	0	29.71	- 5.2	42	39	- 2	NW	7	0	*			0.16			
Lyon	30.15	39	ENE	1	0	29.75	- 6.0	48	46	+ 11	W	3	0	*	60	?	0.32			
Toulon	30.12	45	WNW	5	0	29.88	- 2.9	47	43	+ 2	WNW	7	0	4	50	39	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.31	42	WNW	6	0	28.51	+ 0.3	31	30	- 12	WNW	3	0	*	44	29	0.06			

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

Hawes Junction	28.31	42	WNW	6	0	28.51	+ 0.3	31	30	- 12	WNW	3	0	44	26	0.06
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.05	36	?	WNW	5	hshg	Valencia	30.14	53	52	WNW	6	omg
Sumburgh Head	29.16	35	33	NW	5	bc	Scilly	30.04	53	52	WNW	8	omv
Stornoway	29.50	37	36	NW	6	ogpsh	Dover	29.70	48	47	WNW	4	omv
Aberdeen	29.42	38	37	NW	5	8	London	29.77	53	50	N	4	og
Shields	29.51	48	45	WNW	5	0	Yarmouth	29.58	42	41	WNW	3	8
Ardrossan	29.58	47	46	WNW	5	0	Jersey	30.00	52	52	N	7	8
Mullaghmore	29.82	48	48	NW	5	ogm	Rocheport	30.05	50	50	NW	5	0
Holyhead	29.73	32	51	WNW	6	cpq							

The barometer continues to fall generally, the change being greatest in the S.E. of England and least on our extreme N.W. coast. The wind is moving to the NW and freshening, and showers of snow or sleet are falling in Scotland, while rain is reported in many parts of Ireland and 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.
 ‡ at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 † These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

WEDNESDAY, 5TH DECEMBER.

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


S. W.

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ROBERT H. SCOTT

(SECRETARY)



Printed by J. Longwell at the Press of the Meteorological Office, London.

WEATHER CHARTS

for 8 a.m. on

WEDNESDAY, 5TH DECEMBER

1888

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

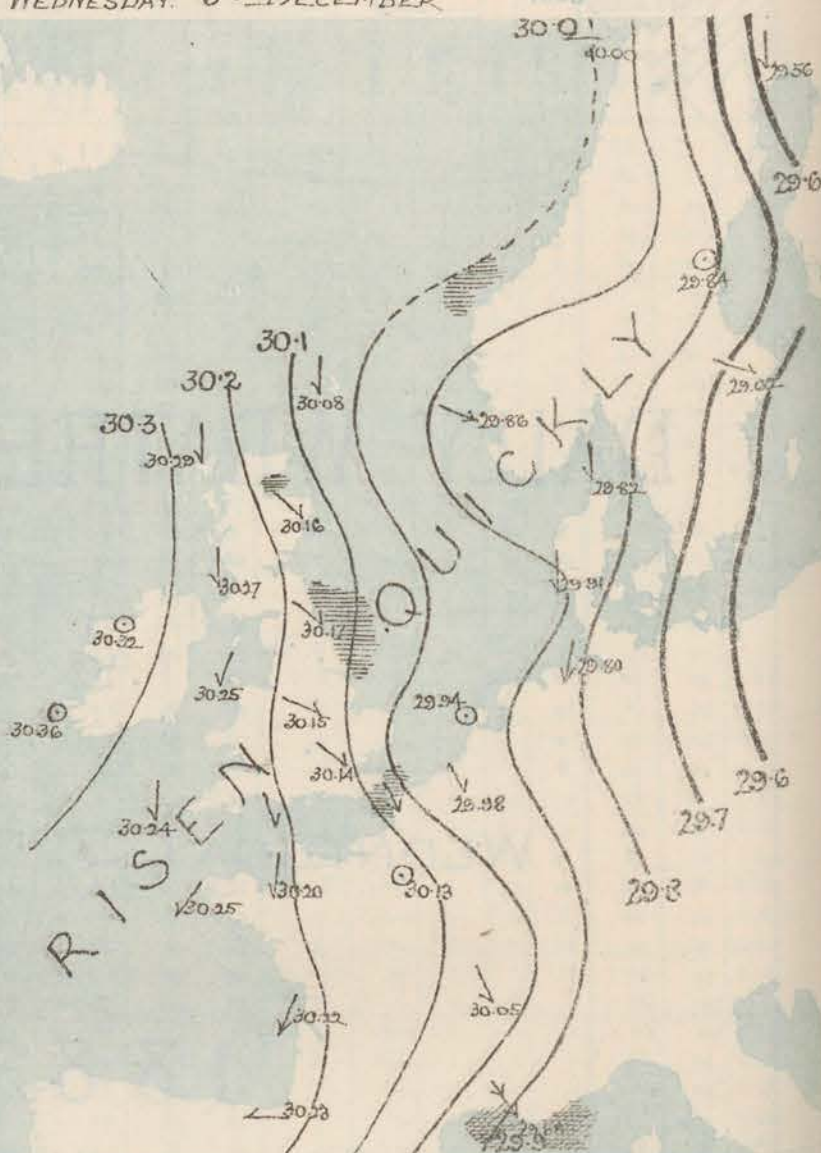
→ Rough, → High.

MEAN* HEIGHT of the BAROMETER

at 8 a.m. for the month of December

Stations	Mean Barometer
Sumburgh Head	29.68
Sarnoway	29.71
Wick	29.73
Nairn	29.74
Aberdeen	29.75
Leith	29.80
Shields	29.83
York	29.87
Ardrossan	29.87
Donaghadee	29.88
Holyhead	29.88
Liverpool	29.88
Valencia	29.89
Rock's Point	29.89
Pembroke	29.89
Sally	29.90
Harst Castle	29.90
Dover	29.92
LONDON	29.94
Oxford	29.97
Cambridge	29.98
Bournemouth	29.98

* These means are for the 10 years 1871 to 1880.



REMARKS

Wednesday 5th December. 1883 at 8 a.m.

The depression noticed over the Baltic yesterday has continued to track SEth, and the barometer has risen in all parts of Western Europe. Over Scandinavia, however, there are some indications of a new disturbance, the recovery of pressure having slackened considerably since last evening, while the winds on the south coast of Norway has backed to W. Elsewhere Nth or N.W. breezes are general, and on the more exposed parts of our east coasts they still blow strongly. The weather is fair at all our W. & S. & the French stations, but snow is reported at Garmouth &c., and showers of cold rain or sleet are falling in the N. and E. generally. A thunderstorm occurred at Yarmouth ^(yesterday morning) and lightning was seen at Shields in the afternoon. A further fall of temperature has taken place at nearly all stations, and the cold weather has now extended to France; readings over our Islands range from 40° at Sicily to 31° in London and 24° at Llanrwst. Frost occurred last night in most parts of the Kingdom. The sea is rough on our east coast, moderate or slight elsewhere.

The depression which appears to be forming over Norway will probably occasion a further increase of wind on the east coast of Great Britain, with showers of snow or sleet.

FORECASTS

for the 24 hours ending at Noon
on the
6th DECEMBER

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

MAP SHOWING DISTRICTS



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

NWth winds, varying in force from a fresh to strong breeze or gale; changeable, some snow or sleet showers.

6 SCOTLAND WEST

Nth winds, fresh or strong; fair on the whole; but some showers.

2 SCOTLAND EAST

D. D. D.

7 ENGLAND N.W.

D. D. D.

3 ENGLAND N.E.

D. D. D.

8 ENGLAND S.W.

Nth winds, moderate or fresh; fair generally.

4 ENGLAND EAST

D. D. D.

9 IRELAND NORTH

Same as Nth 6 and 7.

5 MIDLAND COUNTIES

Same as Nth 5.

10 IRELAND SOUTH

Nth winds, moderate; fair generally.

6 ENGLAND SOUTH

NWth winds, fresh and gusty at times; fair on the whole, but probably some showers.

The N. coast is still up on all coasts.

WARRING

METEOROLOGICAL OBSERVATIONS FOR

5TH DEC.

1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.						PAST 24 HOURS.					
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.	Weather.	Sea (0 to 3).	SHADE TEMP.		Amount Rainfall.			
			Dir.	Force (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.				Max.	Min.				
Haparanda	29.78	-2	N	4	b	29.86	-10	3	3	-2	N	4	6	5	-2	-	-	-
Hernösand	29.81	10	NE	6	b	29.84	+34	8	7	-14	2	0	6	32	9	-	-	-
Stockholm	29.81	25	NE	9	o	29.62	+56	15	14	-17	NW	4	6	52	9	-	-	-
Wisby																		
Bodö	29.69	21	ENE	4	b	30.00	+25	47	2	-2	E	2	6	21	16	-	-	-
Christiansund	29.90	28	ENE	2	c	?	?	35	8	+3	6	c	5	36	23	0.08	-	-
Skudesnæs	29.82	34	E	4	b	29.86	+52	34	33	+1	NNW	5	5	36	32	-	-	-
Oxö (Ålansund)	29.75	31	N	6	b	29.85	+72	28	25	-5	W	4	2	36	25	-	-	-
Skagen (The Skaw)	29.49	28	NE	7	c	29.82	+89	26	24	-	N	2	0	34	28	0.08	-	-
Faro	29.26	30	N	8	b	29.91	+93	24	2	-7	NNW	2	6	34	23	0.04	-	-
Cuxhaven	29.17	33	N	8	bc	29.80	+78	31	30	-6	NNE	5	6	?	28	-	-	-
Sumburgh Head	30.01	39	N	4	b	30.08	+43	35	34	-5	N	4	8	40	33	0.05	-	-
Stornoway	30.16	39	N	3	c	30.29	+39	37	37	-3	N	3	10	43	34	0.07	-	-
Wick	30.07	39	N	3	c	30.17	+39	37	36	-3	N	3	0	40	31	0.09	-	-
Nairn	30.11	38	NNW	5	c	30.23	+44	35	34	-2	NNW	2	0	41	33	-	-	-
Aberdeen	30.00	38	N	4	c	30.16	+50	36	35	-3	NN	4	NW	44	34	0.07	-	-
Leith	30.04	41	NW	2	b	30.12	+47	35	33	-4	NN	1	bc	45	34	-	-	-
Shields	29.94	40	N	6	b	30.17	+51	36	35	0	NN	3	c	42	33	0.35	-	-
Spurn Head	29.83	43	N	6	bc	30.06	+56	38	37	+1	NN	6	csp	44	32	0.39	-	-
York	29.92	39	N	5	c	30.18	+56	34	34	-2	NNW	2	bc	43	34	0.16	-	-
Loughborough	29.94	39	NW	3	bc	30.15	+48	32	31	-6	NNW	2	bc	41	32	-	-	-
Ardrossan	30.03	40	W	0	b	30.27	+43	36	34	-3	N	1	bc	44	35	-	-	-
Mullaghmore	30.21	44	N	5	cp	30.32	+25	37	36	-3	SSW	1	bc	46	35	0.01	-	-
Donaghadee	30.14	44	NE	4	bc	30.29	+39	42	39	-3	NE	2	bc	46	41	-	-	-
Parsonstown	30.23	36	W	0	b	30.36	+26	27	26	-9	W	0	bc	43	26	-	-	-
Barrow-in-Furness	30.02	40	NNW	2	b	30.20	+45	36	34	-3	N	3	bc	44	35	-	-	-
Holyhead	30.06	46	N	6	bc	30.15	+39	43	38	-1	NNE	3	bc	47	41	-	-	-
Liverpool (Biston)	30.03	42	NW	3	b	30.22	+42	37	35	-4	NNW	2	bc	44	37	-	-	-
Valencia	30.29	42	W	0	og	30.36	+19	34	34	-12	W	0	bc	47	33	-	-	-
Roche's Point	30.20	44	NNW	4	b	30.30	+20	39	37	-5	N	3	bc	46	35	-	-	-
Pembroke	30.10	45	N	4	bc	30.25	+29	42	39	0	NNE	2	bc	46	39	0.14	-	-
Scilly	30.14	47	N	6	c	30.24	+23	47	43	-1	N	4	c	48	45	-	-	-
Hawle Point	30.06	41	NW	2	b	30.25	+34	36	34	-5	NNW	2	bc	47	34	-	-	-
Hurst Castle	29.97	41	NNE	4	b	30.19	+38	32	32	-6	NNW	3	bc	45	32	-	-	-
Dover	29.76	40	NW	6	csp	30.06	+47	36	35	-2	N	3	bc	42	35	0.06	-	-
London	29.89	40	NNW	5	b	30.14	+55	31	31	-7	NW	1	bc	43	31	-	-	-
Oxford	30.10	39	NW	4	b	30.17	+43	33	32	-4	NW	3	bc	43	33	-	-	-
Cambridge	29.93	37	NW	2	c	30.12	+50	34	33	-3	NW	1	o	42	31	0.01	-	-
Yarmouth	29.75	40	SW	6	csp	30.00	+54	36	35	0	NNW	3	csp	40	33	0.74	-	-
The Helder	29.66	42	?	7	o	29.94		35	35		E	1	bc	43	36	0.04	-	-
Cape Gris Nez	29.86	40	NNW	11	h	30.06	+66	39	38	-2	NNW	7	c	46	37	0.08	-	-
Jersey	29.77	46	NNW	5	bc	30.20	+82	41	40	-6	N	2	bc	47	41	-	-	-
Brest	30.13	45	NNE	5	b	30.25	+26	43	41	-8	NE	1	o	52	39	0.16	-	-
Lorient	30.12	45	N	7	b	30.25	+29	44	41	-9	NNE	4	c	55	39	-	-	-
Rochefort	30.03	46	N	9	b	30.22	+21	41	41	-13	NNE	5	bc	55	36	0.08	-	-
Biarritz	30.03	36	N	8	o	30.23	+08	45	41	-10	E	4	o	39	40	0.16	-	-
Cornwall																		
Brussels						29.98	+54	34	33	-4	NNW	1	bc	40	34	0.12	-	-
Charleville	29.65	35	NW	7	o	29.98	+48	39	36	+2	NNW	1	bc	40	32	0.04	-	-
Paris	29.87	43	NNW	4	b	30.13	+42	38	36	-4	W	0	c			0.04	-	-
Lyons	29.82	36	N	1	b	30.05	+30	35	32	-13	NNW	3	bc	50	34	0.16	-	-
Toulon	29.64	50	N	8	c	29.88	00	36	34	-11	NW	9	bc	57	34	-	-	-

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

Hawes Junction	28.73	35	N	3	bc	28.95	+22	29	28	-2	N	1	bc	37	28	-	-	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnæs	29.61	35	31	N	4	3	Valencia	30.25	46	42	NNE	2	0
Sumburgh Head	29.19	38	35	N	4	4	Scilly	30.10	46	41	N	6	6
Stornoway	29.08	41	40	N	4	3	Dover	29.71	41	37	NNW	5	3
Aberdeen	29.88	41	39	N	5	4	London	29.80	43	37	NW	5	6
Shields	29.79	42	40	N	7	6	Yarmouth	29.62	37	36	NNW	6	5
Ardrossan	29.98	44	41	NNW	3	2	Jersey	29.95	46	43	NNW	6	5
Mullaghmore	30.16	45	41	N	3	4	Rochefort	29.94	52	51	NW	9	4
Holyhead	29.98	47	42	NNW	6	6							

The barometer is rising briskly at all stations excepting Rochefort, where it still falls somewhat. Strong N winds are reported generally with hail at Stornoway, rain at Aberdeen, and sleet at Yarmouth. At the last mentioned station thunder and lightning occurred this 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

FOR

THURSDAY, 6TH DECEMBER.

1883.


ISSUED BY THE

METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)



Printed by J. Longfield, 116, Victoria St. London, W.

WEATHER CHARTS

for 8 a.m. on Thursday 6th DECEMBER 1883

BAROMETER, WIND & SEA

Explanation of Map

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

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

Wind. Arrows show the prevalent winds.

The \rightarrow with the wind, and their barbs

and feathers refer to force: thus—

\rightarrow force above 10; \rightarrow force 8 to 10;

\rightarrow force 5 to 7; \rightarrow force 1 to 4;

\rightarrow dead calm.

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

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of December

Stations.	Mean Readings
Sumburgh Head	29.68
Stormont	29.70
Wick	29.73
Nairn	29.74
Aberdeen	29.75
Leith	29.80
Shields	29.83
York	29.87
Ardrossan	29.88
Donaghadee	29.89
Holyhead	29.90
Liverpool	29.92
Valencia	29.93
Roches Point	29.94
Pembroke	29.97
Sally	29.98
Thurst Castle	29.99
Dover	29.99
LONDON	29.99
Oxford	29.99
Cambridge	29.99
Wormouth	29.99

* These means are for the 10 years 1871 to 1880.

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.

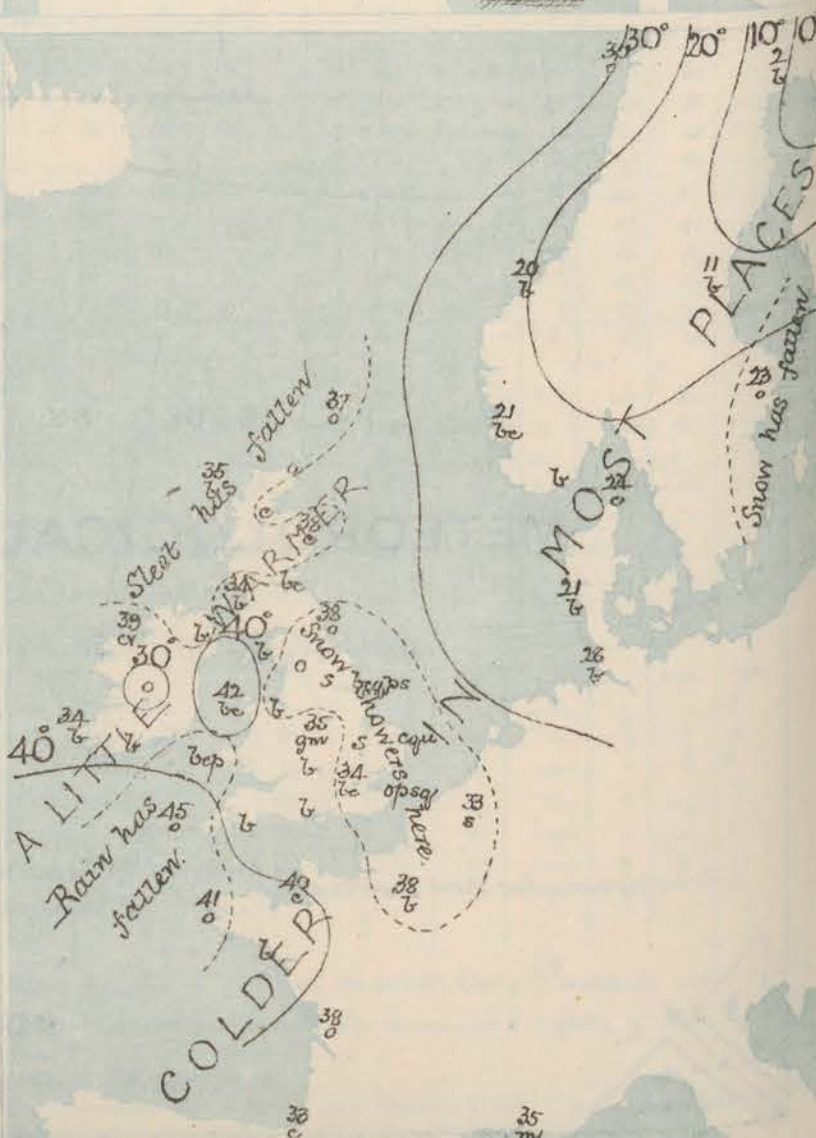
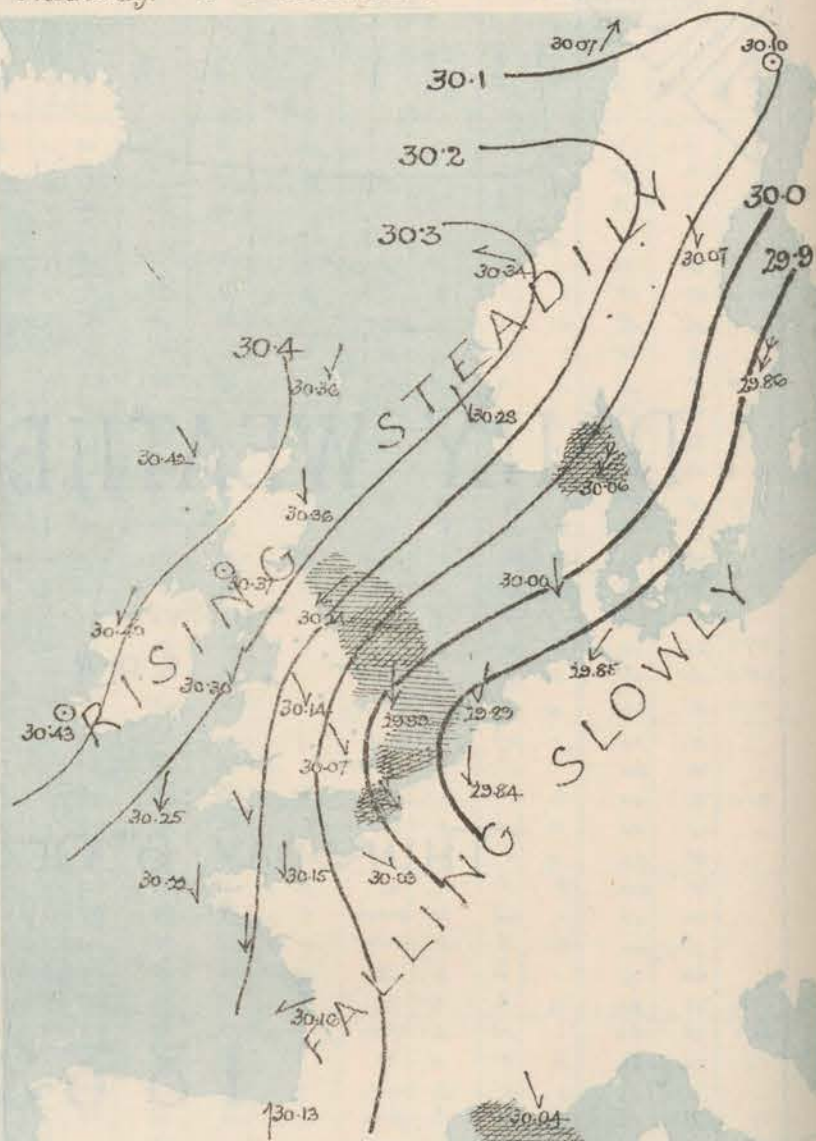
Falls of 0.5 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL

for the month of December

Stations	Temp.	Rainfall.
Sumburgh Head	39.0	4.13
Stormont	38.9	5.61
Wick	37.8	3.21
Nairn	36.9	2.01
Aberdeen	36.9	3.42
Leith	38.4	1.85
Shields	39.2	3.07
York	36.2	2.54
Ardrossan	40.1	4.17
Donaghadee	40.1	2.65
Holyhead	42.9	4.03
Liverpool	39.7	2.89
Valencia	44.7	6.05
Roches Point	42.9	4.89
Pembroke	43.7	4.26
Sally	47.2	4.18
Thurst Castle	40.6	2.94
Dover	40.0	3.51
LONDON	38.0	2.28
Oxford	37.3	2.39
Cambridge	36.3	2.62
Wormouth	37.9	3.09

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880, the mean amount of Rain are mainly those for the 25 years 1856 to 1880.



REMARKS

for Thursday 6th December 1883 at 8 a.m.

In the course of the past night a new depression has appeared over the Netherlands, and the barometer has consequently fallen somewhat at our south-eastern, southern, and the French stations. In the west and north it has continued to rise steadily, but in the extreme north of Scandinavia a fresh fall is reported. Very strong NE^z breezes are blowing in Denmark and the east of England, but in most other localities the wind is moderate from the N^z or NW^z. At Bodo, however, there is a strong breeze from the SW^z. Fair weather is reported from all but our eastern stations, where snow showers are falling. In the course of yesterday snow or sleet fell on all parts of our northern and eastern coast. Temperature has risen a little in the west and north, but fallen elsewhere, and readings now range from 41° at Scilly to 31° at Inuit Castle and 28° at Parnassus. The maxima registered yesterday were below 40° at many of our northern and eastern stations. The sea is rough on our east and south-east coasts, moderate to smooth elsewhere.

FORECASTS

for the 24 hours ending at Noon
on the
7th DECEMBER

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

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

1 SCOTLAND NORTH	N ^z winds, moderate or fresh; changeable, some snow showers.
2 SCOTLAND EAST	D ^z D ^z D ^z
3 ENGLAND N.E.	NE ^z and N ^z strong winds or gales; changeable, some snow showers.
4 ENGLAND EAST	D ^z D ^z D ^z
5 MIDLAND COUNTIES	Same as N ^o 5.
6 ENGLAND SOUTH	N ^z winds, strong and gusty; fair on the whole, but some snow showers.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	N ^z winds, moderate or fresh; fair generally.
7 ENGLAND N.W.	D ^z D ^z D ^z
8 ENGLAND S.W.	D ^z D ^z D ^z
9 IRELAND NORTH	N ^z winds, moderate, fine.
10 IRELAND SOUTH	D ^z D ^z D ^z
WARNINGS	The north cone has been hoisted this morning in districts 1, 3, and 5.

METEOROLOGICAL OBSERVATIONS FOR

6th DEC.

1883

YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda	30.15	3	N	2	B	30.10	+ .54	2	1	- 1	N	0	B	*	3	- 2	-			
Hernösand	29.99	13	N	8	B	30.07	+ .13	11	10	+ 3	N	4	B	*	14	5	-			
Stockholm	29.67	22	N	8	O	29.86	+ .24	23	22	+ 2	NNE	8	O	*	25	12	0.12			
Wisby														*						
Bodö	30.24	14	E	2	B	30.07	+ .07	30	27	+ 13	SW	6	O	*	2	?	-			
Christiansund	30.15	21	E	4	B	30.34	?	20	19	- 15	ESE	2	B	*	?	16	-			
†Skudesnaes	29.92	30	E	8	B	30.28	+ .42	21	18	- 13	NNW	2	B	*	34	?	-			
Oxö (Xiansund)	29.89	28	NNE	8	O	30.17	+ .32	21	18	- 7	NNE	6	B	*	34	19	-			
Skagen (The Skaw)	29.84	23	NNE	7	O	30.06	+ .24	24	21	- 2	NNE	8	O	*	36	21	-			
Fanö	29.65	31	N	6	B	30.00	+ .09	21	20	- 3	N	6	B	*	37	19	-			
Cuxhaven	29.77	33	SW	1	B	29.85	+ .05	28	26	- 3	NNE	7	B	*	2	24	-			
†Sumburgh Head	30.16	36	NNE	4	B	30.36	+ .28	37	35	+ 2	NNE	2	O	*	39	32	0.04			
†Stornoway	30.29	36	N	3	B	30.42	+ .13	35	34	- 2	NNW	3	B	*	41	32	0.07			
Wick	30.22	36	N	3	B	30.41	+ .24	37	36	0	N	1	O	*	39	30	0.07			
Nairn	30.24	36	N	4	B	30.38	+ .15	36	34	+ 1	NNW	4	O	*	39	35	-			
†Aberdeen	30.17	35	NNW	4	B	30.36	+ .20	38	34	+ 2	N	4	O	*	38	33	0.15			
Leith	30.26	49	N	4	B	30.33	+ .11	37	35	+ 2	N	2	B	*	40	34	-			
†Shields	30.12	36	NNW	3	B	30.24	+ .07	38	36	+ 2	ENE	7	O	*	38	31	0.32			
Spurn Head	30.02	38	NNW	6	B	30.07	+ .01	37	34	- 1	NNE	7	B	*	42	33	0.26			
York	30.12	37	N	3	C	30.17	- .01	34	34	0	N	2	O	*	39	32	0.04			
Loughborough	30.15	34	NNW	2	B	30.14	- .01	35	33	+ 3	NNW	3	O	*	41	29	-			
†Ardrossan	30.24	38	NNW	2	B	30.37	+ .10	34	32	- 2	SE	0	B	*	41	33	-			
†Mullaghmore	30.33	41	NW	2	cm	30.40	+ .07	39	38	+ 2	NNE	2	O	*	45	36	-			
Donaghadee	30.28	43	NNW	4	B	30.36	+ .07	40	36	- 2	ENE	3	B	*	44	39	0.02			
Parsonstown	30.35	35	SE	0	O	30.41	+ .05	28	27	+ 1	SE	0	O	*	38	25	-			
Barrow-in-Furness	30.10	37	N	2	B	30.22	+ .02	36	33	0	N	3	B	*	40	33	-			
†Holyhead	30.24	44	N	4	O	30.30	+ .05	42	37	- 1	NNE	4	B	*	45	39	-			
Liverpool (Blaston)	30.19	41	NW	3	h	30.25	+ .05	37	34	0	NNW	2	B	*	41	34	0.01			
†Valencia	30.37	36	SE	0	B	30.43	+ .07	34	34	0	SE	0	B	*	32	32	-			
Roche's Point	30.34	38	NNE	2	B	30.36	+ .06	34	35	- 2	N	3	B	*	45	35	-			
Pembroke	30.25	40	NNE	3	h	30.25	0.00	37	38	- 3	NNE	2	B	*	43	37	0.22			
†Scilly	30.25	46	NNW	4	C	30.25	+ .01	45	42	- 2	NNE	5	O	*	48	40	0.02			
Prawle Point	30.25	36	N	1	B	30.23	- .02	32	30	- 4	NNW	2	B	*	49	31	-			
Hurst Castle	30.19	36	N	2	B	30.14	- .05	31	30	- 2	NNE	2	B	*	43	30	-			
†Dover	30.05	39	N	3	B	29.96	- .10	35	34	- 1	N	5	B	*	41	34	-			
†London	30.12	37	N	2	B	30.07	- .07	34	32	+ 3	NNW	4	B	*	41	31	-			
Oxford	30.16	34	NW	4	B	30.14	- .03	32	30	- 1	NW	3	B	*	39	31	-			
Cambridge	30.10	34	NW	2	B	30.07	- .05	33	32	- 1	N	2	B	*	40	30	0.03			
†Yarmouth	30.01	34	NNW	4	S	29.99	- .01	35	32	- 1	N	7	B	*	39	31	0.44			
The Helder																				
Cape-Gris Nez	30.03	41	NW	8	O	29.97	- .09	37	37	- 2	NW	8	O	*	43	36	-			
†Jersey	30.18	42	N	2	C	30.15	- .05	40	37	- 1	N	3	O	*	46	38	-			
Brest	30.26	42	NE	1	O	30.22	- .03	41	39	- 2	N	3	O	*	45	37	0.20			
Lorient	30.22	45	N	4	B	30.20	- .05	42	38	- 2	N	5	B	*	50	37	-			
†Rochefort	30.23	45	NNW	4	B	30.16	- .06	38	33	- 3	ENE	4	O	*	50	34	-			
Biarritz	30.22	38	E	1	C	30.13	- .10	33	?	- 12	SE	8	C	*	9	32	-			
Corunna	*	*	*	*	*			*	*					*	*	*				
Brussels	*	*	*	*	*	29.84	- .14	33	32	- 1	N	3	B	*	?	?	?			
Charleville	29.95	34	N	3	O	29.86	- .12	30	29	- 7	SE	1	O	*	?	28	0.20			
Paris	30.09	40	NW	5	B	30.03	- .10	38	34	0	NNW	3	B	*	*	*	0.20			
Lyons														*						
Toulon	29.97	40	NW	8	B	30.04	+ .16	35	32	- 1	NNW	1	m	*	48	34	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.81	31	N	1	B	28.97	+ .02	30	28	+ 1	NNE	4	O	*	33	25	0.32			

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

Hawes Junction	28.81	31	N	1	b	28.97	+ .02	30	28	+ 1	NE	4	o	33	25	0.02			
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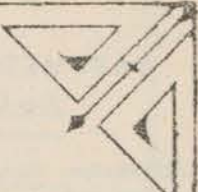
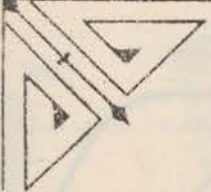
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.82	32	30	N	2	b	3	Valencia ...	30.36	48	44	SE	0	b	1
Sumburgh Head ...	30.12	35	32	N	4	b	4	Scilly ...	30.25	47	43	N	3	c	4
Stornoway ...	30.27	40	39	NNW	4	cp	3	Dover ...	30.04	40	37	NNW	3	b	2
Aberdeen ...	30.14	37	36	NNW	4	b	4	London ...	30.12	41	37	NW	4	b	*
Shields ...	30.12	38	35	NW	4	b	6	Yarmouth ...	29.99	37	36	NNW	4	cp	4
Ardrossan ...	30.25	40	39	NNW	3	c	2	Jersey ...	30.19	45	42	NNW	3	b	3
Mullaghmore ...	30.33	43	41	SE	0	o	0	Rochefort ...	30.25	47	46	NE	3	b	2
Holyhead ...	30.25	43	38	N	3	b	4								

The barometer is falling a little at most of the N. and E. stations, but there is no important change in the winds and weather. Showers are still falling at Stornoway.

EXPLANATION OF COLUMNS.

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



DAILY WEATHER REPORT

FOR

FRIDAY, 7TH DECEMBER.

1883.

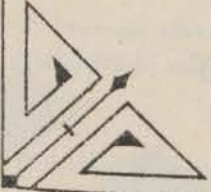
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ROBERT H. SCOTT

(SECRETARY.)



Printed by J. Longfield, 11, 12, Pall Mall, S. W. London.

WEATHER CHARTS

for 8 a.m. on Friday. 7th DECEMBER. 1883

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 at 8 a.m. for the month of December.

Stations.	Mean Readings.
Sumburgh Head	29.686
Stornoway	29.701
Wick	29.712
Nairn	29.741
Aberdeen	29.750
Leith	29.800
Shields	29.830
York	29.877
Ardrossan	29.810
Dunghailes	29.831
Holyhead	29.851
Liverpool	29.882
Valencia	29.878
Roche's Point	29.869
Pembroke	29.807
Sally	29.960
Burns Castle	29.938
Dover	29.942
LONDON	29.954
Oxford	29.907
Cambridge	29.925
Bournemouth	29.902

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

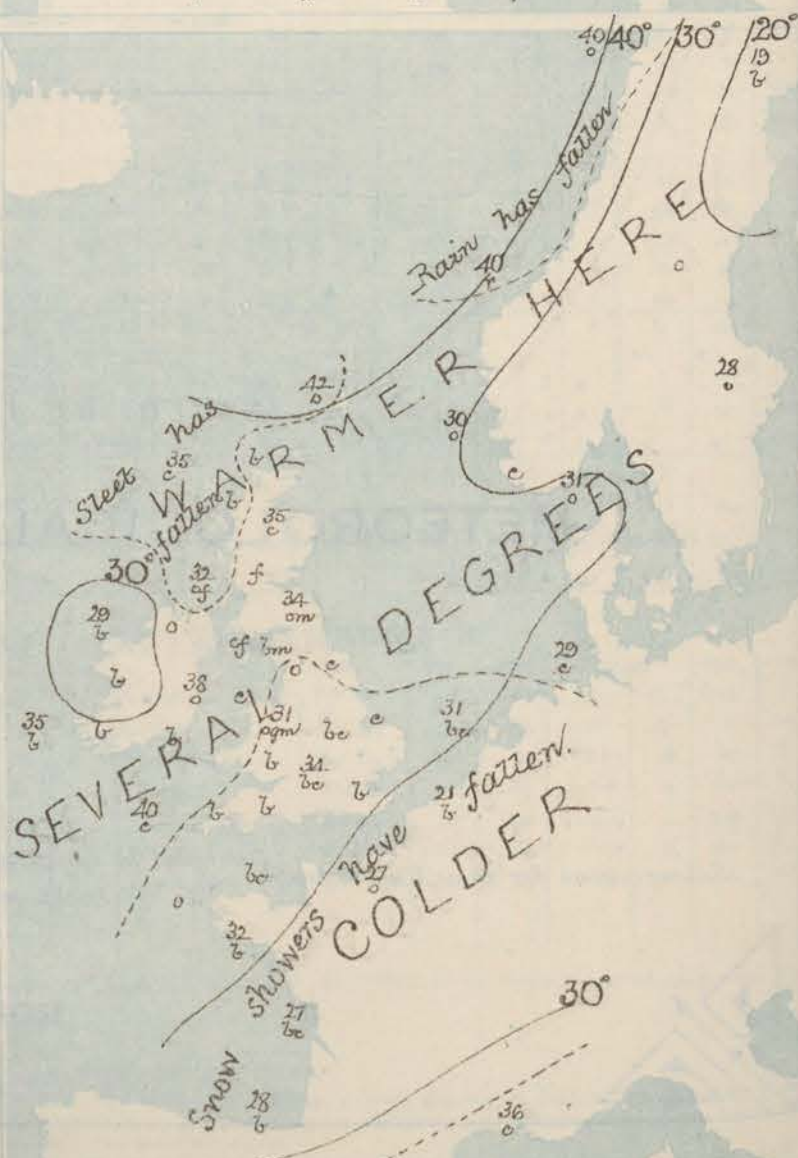
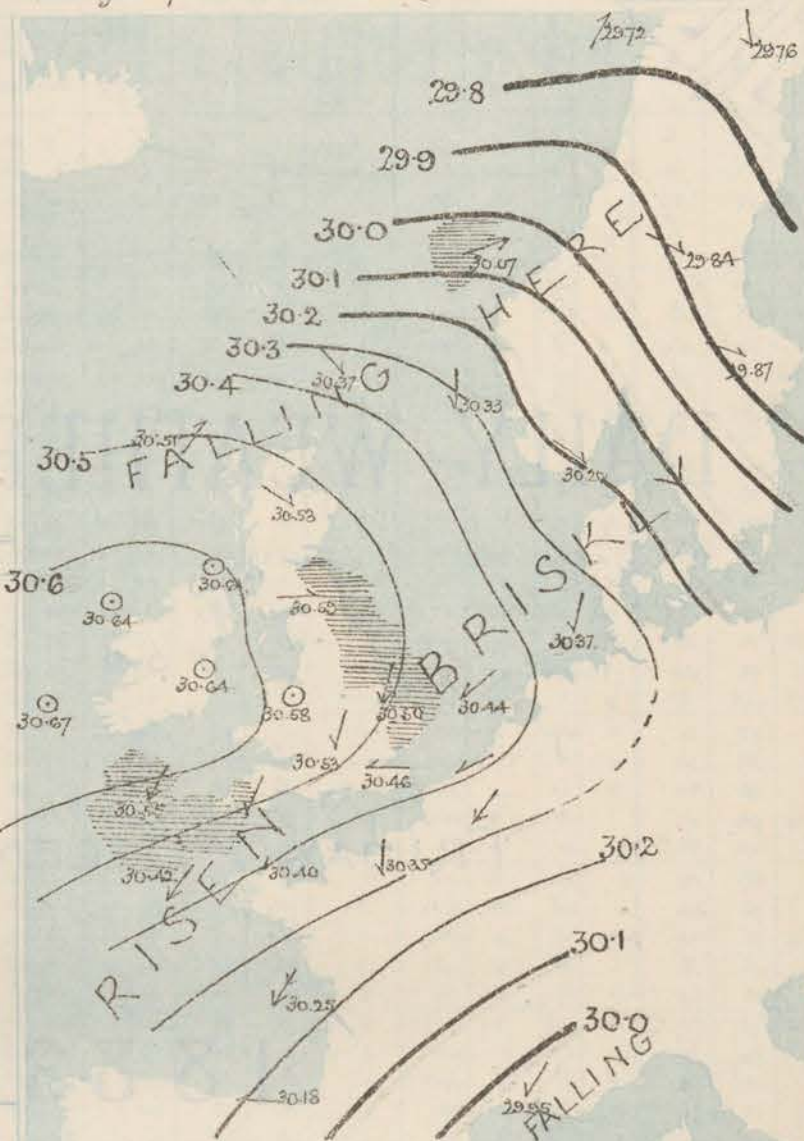
Explanation of Map.

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 0.8 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL for the month of December.

Stations.	Temp.	Rainfall.
Sumburgh Head	39.9	4.15
Stornoway	39.9	5.61
Wick	37.4	3.21
Nairn	38.9	2.07
Aberdeen	36.9	3.42
Leith	38.4	1.95
Shields	39.2	0.03
York	36.2	2.39
Ardrossan	40.1	4.17
Dunghailes	40.1	2.86
Holyhead	42.0	4.01
Liverpool	39.1	2.39
Valencia	44.7	4.06
Roche's Point	42.0	4.49
Pembroke	40.7	4.36
Sally	41.2	4.18
Burns Castle	40.0	2.98
Dover	40.4	3.51
LONDON	38.1	2.25
Oxford	37.8	2.19
Cambridge	36.3	2.02
Bournemouth	37.9	2.39

* These mean 8 a.m. temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1868 to 1880.



REMARKS

FRIDAY 7th DECEMBER 1883

The depression noticed yesterday morning over the Netherlands has since moved away in a S^W or SE^W direction, and the barometer has consequently risen at all our S^W and the French stations. In Scandinavia and the extreme N. of Scotland, however, a fresh fall has set in during the night, and further depressions appear to be advancing towards the west of Norway. An anticyclone, in which readings exceed 30 inis: lies over our western coasts. The wind is SW^W in the N. of Norway, and W^W or NW^W at the other northern stations, but on our southern and the French coasts it is NE^W, while in Ireland calms are reported. A fresh NE^W gale was experienced on our SE. coast yesterday. The weather is dull in Scandinavia, with rain at Christiansund, but is fine in most parts of our Islands and France. Frequent snow showers prevailed over the SE. of England yesterday. Temperature has risen in the extreme N. but fallen elsewhere, and readings now range from 42° at Sumburgh Hd and 40° at Scilly to 22° at Harrogate. The maxima registered over the SE. of England yesterday varied between 35° and 39°. The sea is rather rough on our E. and S. coasts. The disturbances which are approaching the N. of Norway are likely to move eventually in a S^W or SE^W direction, and will probably occasion a considerable increase of wind, and further snow showers on our E. and N. coasts.

FORECASTS

for the 24 hours ending at Noon
on the
8th DECEMBER.

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



DISTRICTS

FORECASTS

1 SCOTLAND NORTH NW^W to N^W winds, increasing considerably; cloudy, some snow.

2 SCOTLAND EAST D^W D^W D^W

3 ENGLAND N.E. D^W D^W D^W

4 ENGLAND EAST Same as N^W 5.

5 MIDLAND COUNTIES N^W winds, freshening; fair to unsettled and some snow.

6 ENGLAND SOUTH NE^W to N^W winds, increasing considerably, fine to unsettled and some snow.

DISTRICTS

FORECASTS

6 SCOTLAND WEST N^W winds, moderate; cloudy, some snow showers.

7 ENGLAND N.W. D^W D^W D^W

8 ENGLAND S.W. NE^W and N^W winds, fresh, fair generally.

9 IRELAND NORTH Light breezes, chiefly N^W; fair generally.

10 IRELAND SOUTH D^W D^W D^W

WARNING The N. cone was hoisted last evening in districts 9 and 1, and is still up in districts 2, 3, and 5.

METEOROLOGICAL OBSERVATIONS FOR

7th DEC.

1888

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.						PAST 24 HOURS.				
	Baromet. at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.	Force. (0 to 12).	Weather.	Sun (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.					Max.	Min.	
Haparanda	29.54	21	W	2	0	29.76	- .24	19	18	+ 17	N	2	6	*	21	1	-
Hernösand	29.96	23	WNW	4	0	29.84	- .25	?	?	?	NW	4	0	*	25	7	-
Stockholm	30.11	16	WNW	4	0	29.87	+ .01	28	26	+ 5	WNW	4	0	*	?	16	-
Wisby														*			
Bodo	29.73	39	WSW	8	0	29.72	- .35	40	39	+ 10	SW	2	0	2	41	28	0.04
Christiansund	30.27	34	WSW	9	0	30.07	- .27	40	38	+ 20	WSW	7	0	5	?	18	0.04
Skudesnaes	30.44	24	N	2	0	30.33	+ .05	30	30	+ 9	N	2	0	2	?	21	-
Örö (Xiansund)	30.40	23	WNW	4	0	30.20	+ .03	27	24	+ 6	NW	2	0	1	?	19	-
Skagen (The Skaw)	30.32	27	NE	5	0	30.20	+ .14	31	28	+ 7	NW	2	0	2	?	23	-
Fanö														*			
Cuxhaven	30.01	27	NE	5	0	30.27	+ .52	29	27	+ 1	NNE	2	0	*	?	25	-
†Sumburgh Head	30.47	37	W	1	0	30.37	+ .01	42	39	+ 5	NW	4	0	4	42	34	0.03
†Stornoway	30.55	33	WNW	2	0	30.51	+ .09	35	35	0	SW	3	0	2	40	29	0.02
Wick	30.54	34	N	1	0	30.49	+ .05	33	32	- 4	WN	1	0	0	39	30	-
Nairn	30.36	34	W	0	0	30.54	+ .16	33	32	- 3	WNW	1	0	2	37	35	0.10
†Aberdeen	30.52	35	N	3	0	30.53	+ .17	35	33	- 3	WNW	1	0	2	39	32	-
Leith	30.53	40	NE	2	0	30.58	+ .25	34	32	- 3	N	1	0	*	40	30	-
†Shields	30.48	37	NE	3	0	30.59	+ .35	34	34	- 4	N	2	0	5	39	32	-
Spurn Head	30.35	35	NE	7	0	30.52	+ .45	39	35	+ 2	N	4	0	6	39	30	-
York	30.44	33	N	7	0	30.58	+ .41	33	31	- 1	N	1	0	*	37	28	0.01
Loughborough	30.42	32	N	4	0	30.58	+ .44	31	31	- 4	WNW	1	0	*	36	30	0.01
†Ardrossan	30.57	33	NE	1	0	30.61	+ .24	32	31	- 2	ENE	1	0	1	39	27	-
†Mullaghmore	30.56	35	SSW	1	0	30.64	+ .24	29	29	- 10	W	0	0	0	42	26	-
Donaghadee	30.55	41	E	4	0	30.63	+ .27	36	33	- 4	N	2	0	0	43	31	-
Parsonstown	30.56	31	SE	1	0	30.69	+ .28	22	21	- 6	W	0	0	*	38	21	-
Barrow-in-Furness	30.46	33	NNE	2	0	30.59	+ .37	33	31	- 3	N	2	0	2	40	30	-
†Holyhead	30.47	38	E	3	0	30.64	+ .34	38	34	+ 4	E	1	0	2	43	35	-
Liverpool (Bidston)	30.49	32	NE	2	0	30.63	+ .38	32	31	- 5	NNE	2	0	2	38	31	-
†Valencia	30.54	37	NE	2	0	30.67	+ .14	35	32	+ 1	W	0	0	1	45	30	-
Roche's Point	30.48	37	NNE	3	0	30.65	+ .29	33	31	- 4	N	3	0	3	43	30	-
Pembroke	30.44	36	NE	3	0	30.64	+ .39	32	28	+ 3	E	1	0	1	43	?	-
†Scilly	30.34	43	NNE	7	0	30.55	+ .30	40	36	- 5	NE	5	0	5	46	35	-
Prawle Point	30.35	39	NNE	6	0	30.54	+ .31	30	28	- 2	N	5	0	5	43	28	-
Hurst Castle	30.31	32	ENE	5	0	30.52	+ .38	32	32	+ 1	NNE	4	0	2	45	29	0.02
†Dover	30.17	32	N	5	0	30.46	+ .50	36	33	+ 1	E	4	0	4	37	30	0.16
†London	30.31	31	NNE	4	0	30.53	+ .46	34	32	0	NNE	4	0	*	36	30	0.02
Oxford	30.39	31	NNE	5	0	30.58	+ .44	29	28	- 3	N	2	0	*	36	27	0.03
Cambridge	30.31	30	N	1	0	30.56	+ .49	30	30	- 3	N	1	0	*	35	27	0.06
†Yarmouth	30.24	34	NE	8	0	30.50	+ .51	35	34	0	NNE	5	0	5	36	30	0.17
The Heider	30.26	31	ENE	4	0	30.44		31	29		ENE	1	0	1	34	28	0.04
Cape Gris Nez																	
†Jersey	30.19	34	NE	8	0	30.40	+ .25	34	33	- 6	ENE	4	0	4	42	30	0.24
Brest	30.19	34	NNE	5	0	30.42	+ .20	?	?	?	NE	7	0	5	?	?	0.04
Lorient	30.20	38	ENE	8	0	30.38	+ .18	32	30	- 10	NE	5	0	3	46	27	-
†Rochefort	30.07	42	N	8	0	30.25	+ .09	27	27	- 11	NE	8	0	4	50	23	0.08
Biarritz	30.06	39	S	4	0	30.18	+ .05	28	27	- 5	E	3	0	3	34	25	0.16
Corunna														*	*	*	*
Brussels						30.46	+ .62	21	21	- 12	ENE	1	0	*	34	20	-
Charleville	30.02	21	NE	7	0	30.11	+ .25	24	22	- 6	NE	7	0	*	33	20	0.20
Paris	30.16	30	N	7	0	30.35	+ .32	27	?	- 11	N	4	0	*	*	*	0.04
Lyons														*	*	*	*
Toulon	29.97	35	WNW	8	0	29.95	- .09	37	37	+ 2	NE	4	0	4	41	30	-

HIGH LEVEL STATION.

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

Hawes Junction	29.00	27	NE	1	0	29.32	+ .35	28	27	- 2	NE	1	0	1	32	21	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wob.	Sea.		Bar.	Dry.	Wet.	Wind.	Wob.	Sea.	
Skudesnaes	30.38	24	23	N	2	be	4	Valencia	30.48	44	42	NE	3	3
Sumburgh Head	30.44	36	34	NNE	1	0	3	Scilly	30.26	45	40	NNE	6	c
Stornoway	30.50	40	38	WNW	2	b	1	Dover	30.09	31	31	NE	7	ogksp
Aberdeen	30.47	38	35	N	3	be	4	London	30.22	32	31	N	5	spbk
Shields	30.38	37	32	ENE	5	C	5	Yarmouth	30.15	34	31	NE	8	cg
Ardrossan	30.47	39	36	N	1	C	1	Jersey	30.11	37	36	NNE	5	c
Mullaghmore	30.49	41	38	ENE	2	b	2	Rochefort	30.12	43	41	N	7	b
Holyhead	30.37	42	37	ENE	5	be	5							

The depression in the SE appears to be moving away and the barometer is rising at all our stations, while the wind is veering to NE. At Yarmouth and Dover the gales are reported. The weather in the SE of England is very cold, in London the thermometer stands at 32° and at Dover at 31°.

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

SATURDAY, 8TH DECEMBER.

1883.

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

Saturday, 8th DECEMBER 1888

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Isobars are drawn for each inch 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 6 to 7; →→ force 4 to 5;

○—dead calm.

Sea Disturbance, where considerable is shown by shading round the coast, thus—

—Rough. —High.

MEAN^s HEIGHT of the BAROMETER

at 8 a.m. for the month of December

Stations	Mean Readings
Sunbury Head	29.540
Sarnoway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.752
Leith	29.800
Shields	29.838
York	29.877
Ardrossan	29.810
Dunghadde	29.832
Holyhead	29.858
Liverpool	29.882
Valencia	29.878
Roches Point	29.889
Bombay	29.897
Sally	29.908
Shut Castle	29.908
Dover	29.912
LONDON	29.924
Oxford	29.937
Cambridge	29.955
Wormouth	29.972

* These means are for the 16 years 1871 to 1886.

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 Baromet scale show state of weather at 8 a.m.

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

Falls of 0.6 in or more are quoted in figures.

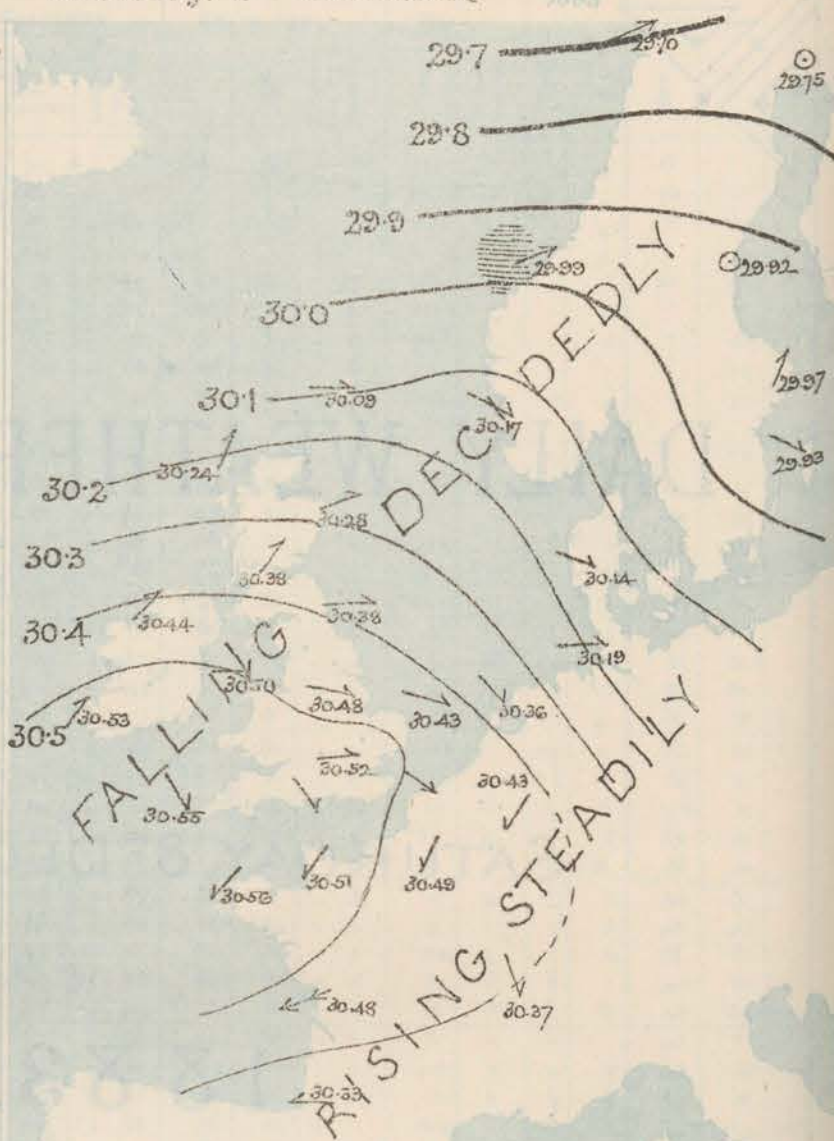
MEANS^s OF TEMPERATURE AT 8 A.M.

AND RAINFALL

for the month of December

Stations	Temp.	Rainfall.
Sunbury Head	39.0	4.73
Sarnoway	38.9	6.61
Wick	37.8	3.21
Nairn	36.9	1.15
Aberdeen	36.2	0.42
Leith	35.4	1.95
Shields	34.2	0.03
York	36.2	2.34
Ardrossan	40.1	1.13
Dunghadde	40.1	2.86
Holyhead	42.9	4.03
Liverpool	39.7	2.89
Valencia	44.7	0.06
Roches Point	42.9	6.89
Bombay	43.7	4.25
Sally	47.2	1.18
Shut Castle	46.0	2.98
Dover	40.5	3.51
LONDON	38.0	2.25
Oxford	37.0	2.39
Cambridge	36.4	2.02
Wormouth	37.2	2.29

* These mean 8 a.m. temperatures are for the 16 years 1871 to 1886; the mean rainfalls & Rain are mainly those for the 35 years 1853 to 1887.



REMARKS

for Saturday 8th December. 1883 at 8 a.m.

The area of high pressure recently noticed over our western coasts is moving south-eastwards, and the barometer is now falling at all but the French stations, where it continues to rise steadily. The lowest readings are found over the north of Scandinavia. The wind is light or moderate on nearly all coasts, in the south of England it is N³ or NW³, and in France NE³, but at all the more northern stations it varies between SW and W. The weather is cloudy or overcast generally, with rain at Donaghadee and fog or mist over Central England. Temperature has risen several degrees in the west and north, and readings now range from 46° at Valencia to 32° at Aberdeen and 31° at Hurst Castle. At Lyons the thermometer is as low as 19°. The sea is moderate to smooth.

The changes in pressure reported this morning are in favour of the extension over our islands of westerly winds, and mild, unsettled weather.

FORECASTS

for the 24 hours ending at Noon

on the

8th DECEMBER,

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

MAP SHOWING DISTRICTS



DISTRICTS

FORECASTS

1 SCOTLAND NORTH	W ³ and SW ³ winds, freshening; cloudy, some rain.
2 SCOTLAND EAST	W ³ and SW ³ winds, moderate; fair on the whole.
3 ENGLAND N.E.	-----D°-----D°-----D°-----
4 ENGLAND EAST	Same as N° 5.
5 MIDLAND COUNTIES	Same as N° 5.
6 ENGLAND SOUTH	NW ³ to W ³ winds, moderate; cloudy, unsettled, probably some rain, turning milder.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	W ³ and SW ³ winds, moderate; cloudy, some rain.
7 ENGLAND N.W.	-----D°-----D°-----D°-----
8 ENGLAND S.W.	Same as N° 5.
9 IRELAND NORTH	SW ³ and W ³ winds, freshening; cloudy, unsettled, some rain.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	The N. cone has been lowered this morning in districts 9 and 1.

METEOROLOGICAL OBSERVATIONS FOR

8th DEC.

1883

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (6 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. (6 to 12).	Weather.		Max.	Min.			
Haparanda	29.89	23	70	0	0	29.75	-.01	32	32	+13	23	0	0	*	2	10	-		
Hernösand	29.89	32	70	0	0	29.92	+.02	36	35	?	23	0	0	*	41	19	-		
Stockholm	29.95	33	WSE	2	0	29.97	+.10	33	32	+5	SW	2	1	*	36	16	-		
Wisby	29.90	38	NW	6	0	29.93		37	36		NW	4	1	*	34	25	-		
Bodo	29.73	42	WSE	4	0	29.70	-.02	44	42	+4	WSE	6	1	4	?	39	0.20		
Christiansund	30.02	44	WSE	6	1	29.99	-.03	42	41	+2	WSE	5	60	5	45	37	1.02		
†Skadesnes	30.22	38	70	0	1	30.17	-.05	39	38	+9	WSE	2	0	3	?	30	0.28		
Oxö (Christiansund)	30.12	39	W	2	0	30.05	-.07	37	36	+10	W	1	60	1	39	?	-		
Skagen (The Skaw)																			
Fanö	30.18	37	NW	4	0	30.14	-.04	40	39	+8	W	4	1	*	?	30	0.20		
Cuxhaven	30.26	38	W	2	1	30.19	-.07	41	41	+12	W	3	1	*	?	?	0.06		
†Sumburgh Head	30.31	43	W	4	0	30.09	-.22	44	42	+2	W	4	60	4	46	40	0.02		
†Stornoway	30.41	39	SW	2	0	30.24	-.17	40	40	+5	SEW	3	60	2	45	34	0.05		
Wick	30.41	35	NW	2	0	30.22	-.19	39	38	+6	W	1	60	1	41	31	-		
Nairn	30.46	36	W	2	0	30.26	-.20	43	42	+10	WSE	1	0	2	43	32	-		
†Aberdeen	30.47	32	W	1	0	30.28	-.19	33	32	-2	WSE	1	0	1	37	25	-		
Leith	30.52	36	NW	1	0	30.35	-.17	42	41	+8	WSE	1	0	*	42	33	-		
†Shields	30.55	34	WSE	2	0	30.38	-.17	37	35	+3	W	2	0	3	37	31	-		
Spurn Head	30.52	36	NW	1	0	30.41	-.11	37	35	-2	WSE	4	0	3	40	33	-		
York	30.58	31	W	1	0	30.44	-.14	36	34	+3	W	1	0	*	36	30	-		
Loughborough	30.60	34	WSE	1	0	30.48	-.10	35	33	+4	WSE	1	0	*	37	29	-		
†Ardrossan	30.55	42	WSE	4	0	30.38	-.17	44	44	+12	SW	2	0	2	44	31	0.01		
†Mullaghmore	30.60	40	WSE	2	0	30.44	-.16	43	41	+14	SW	4	0	2	43	29	0.01		
Donaghadee	30.62	31	NW	1	0	30.45	-.13	37	36	+1	W	3	0	1	39	30	-		
Parsonstown	30.68	29	W	0	0	30.54	-.14	34	32	+12	W	0	0	*	35	21	0.02		
Barrow-in-Furness	30.58	37	NW	1	0	30.45	-.13	41	38	+8	NW	3	60	2	41	32	-		
†Holyhead	30.65	38	NW	3	0	30.50	-.15	42	39	+4	NW	2	0	2	42	33	-		
Liverpool (Bidston)	30.60	36	W	2	0	30.48	-.12	38	35	+6	WSE	2	0	2	40	32	-		
†Valencia	30.66	40	WSE	2	0	30.53	-.14	46	44	+11	SW	4	0	4	47	32	-		
Roche's Point	30.66	32	W	2	0	30.36	-.30	38	37	+1	NW	1	0	3	42	30	-		
Pembroke	30.65	36	W	1	0	30.53	-.11	36	34	+4	NW	1	0	0	41	31	-		
†Scilly	30.60	40	NW	3	0	30.55	-.05	42	38	+2	NW	4	0	3	42	38	-		
Prawle Point	30.62	32	W	3	0	30.57	+.03	33	31	+3	W	2	0	2	39	28	-		
Hurst Castle	30.58	31	NW	2	0	30.53	+.01	31	30	-1	NW	3	0	2	44	26	-		
†Dover	30.53	35	NW	2	0	30.48	+.05	34	32	-2	NW	3	0	1	37	32	-		
†London	30.58	35	NW	3	0	30.52	-.06	32	30	-2	W	1	0	*	37	31	-		
Oxford	30.61	34	NW	3	0	30.52	-.09	32	31	+3	W	1	0	*	39	29	-		
Cambridge	30.57	33	W	1	0	30.50	-.07	34	32	+4	NW	1	0	*	38	27	-		
†Yarmouth	30.50	35	WSE	3	0	30.43	-.07	34	33	-1	NW	3	0	4	38	30	0.01		
The Helder	30.42	37	NW	3	0	30.36		41	38		W	3	0	3	43	30	-		
Cape Gris Nez	30.53	30	E	3	0	30.48		37	37		NW	5	0	0	?	23	0.12		
†Jersey	30.54	37	NE	3	0	30.51	+.03	37	35	+4	NE	2	0	2	37	34	-		
Brest	30.52	36	NE	3	0	30.56	+.04	38	36	?	NE	1	0	3	45	32	0.16		
Lorient	30.50	36	NE	8	0	30.54	+.04	37	34	+5	NE	4	0	3	41	27	-		
†Roche fort	30.44	31	E	9	0	30.48	+.04	25	24	-2	ESE	8	0	3	45	21	-		
Biarritz	30.29	28	NE	4	0	30.38	+.09	27	25	-1	E	3	0	3	46	23	-		
Corunna	*	*	*	*	*			*	*		*	*	*		*	*	*		
Brussels	*	*	*	*	*	30.43	-.03	28	28	+7	WSE	3	0	*	28	?	?		
Charleville	30.46	21	NE	4	0	30.45	-.01	14	13	-10	NE	1	0	*	30	11	-		
Paris	30.50	28	NE	4	0	30.49	-.01	27	27	0	NE	3	0	*	*	*	-		
Lyons	30.26	38	NW	4	0	30.37		19	17		NW	4	0	*	28	18	-		
Toulon	30.05	38	E	9	0	30.13	+.08	39	32	+2	E	7	1	7	43	30	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.29	29	W	2	0	29.17	-.12	33	32	+5	SW	1	0	*	33	27	-		

YESTERDAY'S 2 P.M. REPORTS AND REMARKS

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.27	34	34	E	2	1 f	2	Valencia ...	30.67	41	38	ESE	2	c	3
Sumburgh Head	30.30	43	42	NW	5	60	4	Scilly ...	30.58	40	35	NE	4	60	4
Stornoway ...	30.45	40	40	S	3	60	3	Dover ...	30.52	36	34	ESE	2	60	2
Aberdeen ...	30.49	37	34	W	2	6	2	London	30.56	37	34	NW	4	6	*
Shields ...	30.56	37	34	W	2	6	2	Yarmouth	30.51	38	35	NNE	2	c	4
Ardrossan ...	30.56	41	39	W	4	0	3	Jersey ..	30.49	37	35	ESE	3	6	3
Mullaghmore ...	30.62	38	35	W	0	0	0	Roche fort	30.33	32	31	ESE	2 1/2	c	4
Holyhead ...	30.63	37	34	S	1	0	1								

The barometer continues to rise a little in the S, but is falling at all the more N^o stations. The wind has backed to the W^o at Aberdeen and Shields and to S at Stornoway, but the weather remains fine in most 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. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).
 § Received too late for insertion in Charts.



DAILY WEATHER REPORT

FOR

SUNDAY 9TH DECEMBER.

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

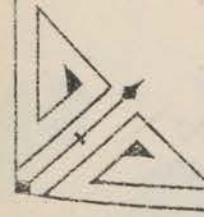
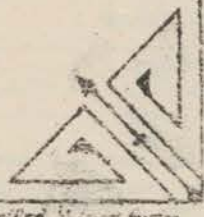
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ROBERT H. SCOTT

(SECRETARY.)



Printed & Published by the Meteorological Office

WEATHER CHARTS

for 8 a.m. on

Sunday 9th December

1881

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Isobars are drawn for each inch & in each

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

Wind. Arrows show the prevalent winds.

They lie with the wind, and their barbs

and feathers refer to force thus:

→ force above 10; → force 8 to 10

→ force 5 to 7; → force 1 to 4

○ - dead calm

Sea Disturbance. where considerable is shown by shading round the coast

thus - Rough - High

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of December

Stations	Mean Readings
Sunbury Head	29.680
Stornoway	29.711
Wick	29.712
Nairn	29.711
Aberdeen	29.750
Leith	29.800
Shetland	29.836
York	29.877
Ardrara	29.910
Dunaghadoo	29.932
Ballyhead	29.953
Liverpool	29.983
Valencia	29.978
Roches Point	29.988
Pembroke	29.997
Sally	29.999
Barr Castle	29.998
Dover	29.992
LONDON	29.994
Oxford	29.997
Cambridge	29.997
Furness	29.997

* These means are for the 10 years 1871 to 1880.

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 over, are quoted in figures.

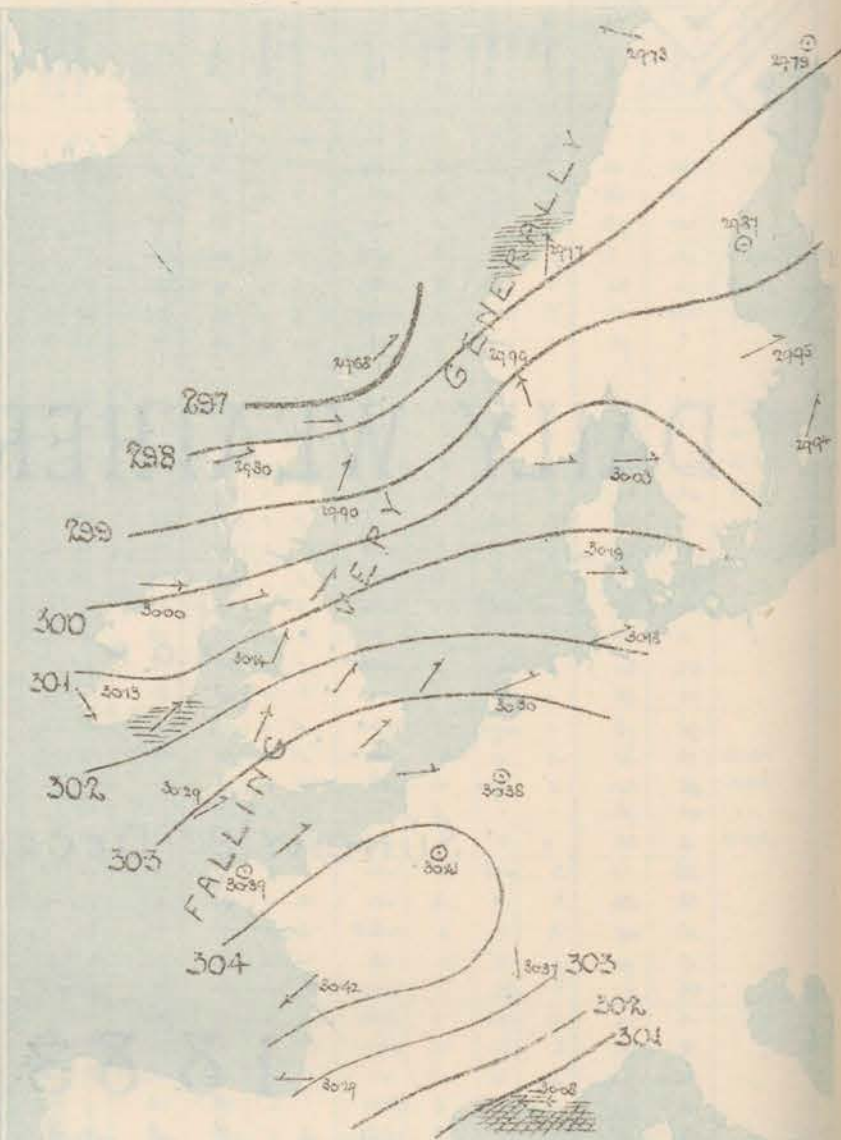
MEANS^{*} OF TEMPERATURE AT 8 A.M.

AND RAINFALL.

for the month of December

Stations.	Temp.	Rainfall.
Sunbury Head	39.0	4.13
Stornoway	39.9	6.81
Wick	37.8	3.21
Nairn	36.8	2.11
Aberdeen	36.9	1.02
Leith	38.4	7.96
Shetland	38.2	8.03
York	40.2	1.54
Ardrara	40.1	4.17
Dunaghadoo	40.4	2.65
Ballyhead	42.9	1.02
Liverpool	39.1	2.89
Valencia	44.7	6.03
Roches Point	42.9	4.89
Pembroke	43.2	4.28
Sally	47.2	4.38
Barr Castle	40.9	2.98
Dover	40.3	1.57
LONDON	38.0	2.28
Oxford	37.0	2.19
Cambridge	36.0	2.22
Furness	37.0	2.39

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 12 years 1866 to 1877.



REMARKS

for Sunday 9th December 1882 at 8 a.m.

In the course of the past night a depression has started over NW coast unopposed on to the north of Scotland. The barometer has consequently fallen on all coasts, and moderate gradients for W and SW winds have been formed over the whole of our Islands. The wind is E in the south of France, but SW or W elsewhere, in force it is light in the south, but moderate or fresh in the west and north. During the night a slight SW gale was experienced on the extreme western and northern coast. Cloudy or overcast weather is reported generally and rain is falling at many of the western stations. In the course of the past 24 hours rain has fallen in the west and extreme N. Temperature has risen in most places, and readings now range from 49° at Rock Point to 34° in the south-east of England. At Lyons the thermometer is as low as 12°. The maxima registered yesterday at our E and SE stations varied between 35° and 39°.

The sea is rather rough at Rock Point, 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

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

WARNINGS

The south cone was hoisted last evening in districts 8, 9 and 10 and in part of 1.

FORECASTS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 9TH DEC^R

1883

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.		
			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	29.71	28	SW	2	b	29.79	+ 0.4	17	17	- 15	2	0	b	*	32	?	-		
Hernösand	29.82	35	2	0	b	29.87	- 0.5	32	31	- 4	2	0	c	*	39	30	-		
Stockholm	29.97	33	2	0	0	29.95	- 0.2	32	32	- 1	WSW	2	0	*	34	30	-		
Wisby	29.92	36	SSW	2	0	29.94	+ 0.1	35	35	- 2	SSW	4	0	*	39	34	0.04		
Bodo	29.79	44	WSW	6	r	29.73	+ 0.3	29	37	- 5	ESE	2	0	2	45	37	0.32		
Christiansund	29.85	42	ESE	3	c	29.77	- 0.22	43	40	+ 1	S	2	0	5	43	37	-		
Skudesnes	30.08	40	W	2	0	29.99	- 0.18	44	42	+ 5	SSE	6	0	4	?	39	0.20		
Oxö (Ålansund)	30.06	39	W	4	b	30.05	- 0.01	37	36	0	W	1	0	1	43	36	-		
Skagen (The Skaw)	30.01	36	2	0	b	30.03	- 0.03	39	37	+ 4	WNW	2	0	1	?	34	-		
Faro	30.21	40	WNW	4	0	30.19	+ 0.05	42	41	+ 2	W	4	r	*	?	37	0.04		
Cuxhaven	30.18	42	NW	4	f	30.18	- 0.01	41	41	0	WSW	3	0	*	41	39	0.04		
†Sumburgh Head	30.02	44	W	3	c	29.68	- 0.41	45	44	+ 1	SW	4	0	4	46	39	0.06		
†Stornoway	30.00	46	SSW	5	0	29.80	- 0.44	40	39	0	WSW	4	0	3	47	36	0.26		
Wick	30.07	42	NW	1	b	29.82	- 0.40	43	44	+ 1	W	2	0	1	45	37	0.04		
Nairn	30.14	44	W	1	c	29.81	- 0.45	43	44	+ 3	SW	1	0	2	46	42	-		
†Aberdeen	30.18	37	WSW	1	b	29.90	- 0.38	44	41	+ 9	SW	4	0	1	42	32	-		
Leith	30.20	44	SW	1	c	29.93	- 0.17	46	44	+ 4	W	4	0	*	47	42	-		
†Shields	30.29	41	WSW	3	bc	30.10	- 0.25	38	36	+ 1	SW	3	0	3	41	36	-		
Spurn Head	30.33	29	W	3	c	30.22	- 0.19	37	35	0	SW	3	0	2	37	24	-		
York	30.35	40	SW	1	c	30.19	- 0.25	35	34	- 1	SSW	1	0	*	41	32	-		
Loughborough	30.40	37	SW	1	0	30.26	- 0.22	36	33	+ 1	SW	2	0	3	38	34	-		
†Ardrossan	30.27	45	SSW	2	c	29.96	- 0.22	46	46	+ 2	SW	4	0	3	46	43	0.08		
†Mullaghmore	30.23	44	SW	5	c	30.00	- 0.23	45	43	+ 2	W	5	0	4	49	40	0.21		
Doraghades	30.36	38	SSW	3	c	30.04	- 0.44	43	43	+ 6	WSW	2	0	0	44	36	0.04		
Parsonstown	30.34	40	S	1	0	30.09	- 0.45	46	44	+ 12	W	2	0	*	48	32	0.04		
Barrow-in-Furness	30.24	43	NW	2	0	30.07	- 0.38	43	41	+ 2	SSE	5	0	4	44	40	0.03		
†Holyhead	30.41	44	W	2	0	30.14	- 0.36	47	46	+ 5	SSW	2	0	3	47	38	0.02		
Liverpool (Blisston)	30.27	39	WSW	2	0	30.18	- 0.30	40	38	+ 2	SSE	2	0	2	41	38	-		
†Valencia	30.34	48	SSE	6	0	30.10	- 0.40	45	45	- 1	NNW	1	0	1	52	44	0.31		
Roche's Point	30.42	44	WSW	3	0	30.07	- 0.44	49	49	+ 11	SW	5	0	5	38	38	0.12		
Pembroke	30.43	40	E	1	c	30.23	- 0.30	46	44	+ 10	SSW	5	0	4	47	35	0.04		
†Scilly	30.44	44	W	2	0	30.29	- 0.26	46	42	+ 4	WSW	4	0	4	46	41	-		
Prawle Point	30.46	40	NNW	1	0	30.32	- 0.25	39	38	+ 6	NNW	1	0	1	41	38	-		
Hurst Castle	30.45	35	NNW	1	0	30.33	- 0.20	34	34	+ 3	NNW	1	0	2	44	31	-		
†Dover	30.42	37	NNW	2	0	30.34	- 0.14	34	32	0	W	1	0	0	37	32	-		
†London	30.41	34	WSW	2	0	30.33	- 0.10	35	33	+ 3	SW	1	0	*	35	32	-		
Oxford	30.42	35	W	2	0	30.34	- 0.21	34	31	+ 2	S	2	0	*	37	32	-		
Cambridge	30.40	36	NNW	1	0	30.31	- 0.19	34	32	0	SW	1	0	*	37	32	-		
†Yarmouth	30.38	34	W	2	0	30.32	- 0.13	34	33	0	SW	2	0	3	35	32	-		
The Belder	30.34	41	WNW	1	0	30.30	- 0.09	41	34	0	WSW	1	0	1	43	41	-		
Cape Gris Nez	30.45	39	NE	3	0	30.34	- 0.14	37	35	0	S	1	0	1	41	36	-		
†Jersey	30.46	37	ENE	1	0	30.35	- 0.10	41	38	+ 3	SW	3	0	1	41	37	-		
Brest	30.49	39	ENE	1	0	30.39	- 0.17	43	39	+ 5	ENE	1	0	3	?	37	-		
Lorient	30.47	39	NE	4	0	30.40	- 0.14	40	37	+ 3	N	1	0	3	41	34	-		
†Rochefort	30.45	34	NE	8	b	30.42	- 0.03	34	32	+ 9	NE	5	0	2	37	27	-		
Biarritz	30.32	30	E	3	c	30.29	- 0.04	29	27	+ 2	E	1	0	2	45	23	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.38	- 0.05	32	31	+ 4	2	0	f	*	37	25	-		
Charleville	30.40	28	E	1	0	30.39	- 0.06	35	32	+ 21	E	1	0	*	?	?	-		
Paris	30.47	34	W	4	b	30.44	- 0.03	35	34	+ 8	2	0	c	*	*	*	-		
Lyons	30.38	45	S	1	b	30.37	- 0.01	42	42	- 4	NNW	1	0	*	28	12	-		
Toulon	30.17	42	E	5	0	30.08	- 0.05	46	37	+ 7	E	8	0	7	?	37	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Eawes Junction	29.08	37	SW	2	f	28.87	- 0.30	35	35	+ 2	WSW	2	0	2	34	32	0.03		

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

Hawes Junction	29.08	37	SW	2	f	28.87	- 0.30	25	35	4	2	WSW	2	0	34	32	0.03
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YESTERDAY'S 2-10 M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudeanes	30.10	41	41	WNW	2	0	Valencia	30.42	48	45	SSW	5	0
Sumburgh Head	30.04	45	42	W	4	0	Scilly	30.47	45	40	NNW	2	0
Stornoway	30.12	47	46	SW	4	0	Dover	30.42	37	34	NNW	3	0
Aberdeen	30.22	38	37	WSW	1	0	London	30.45	38	35	NNW	2	0
Shields	30.30	41	40	W	4	0	Yarmouth	30.37	35	34	W	2	0
Ardrossan	30.31	45	45	WSW	2	0	Jersey	30.47	38	35	SW	1	0
Mullaghmore	30.32	44	44	SW	5	0	Rochefort	30.45	30	32	ENE	8	0
Holyhead	30.42	42	41	W	1	0							

The barometer continues to fall generally, most on our extreme W. and NW coasts, where, also the wind has freshened a little from the SW. The weather is clear and bright at Aberdeen, Shields, Dover, but overcast and misty at many other stations. Sea is smooth at Holyhead & Dover.

EXPLANATION OF COLUMNS.

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



DAILY WEATHER REPORT

FOR

MONDAY, 10TH DEC^R.

1883.

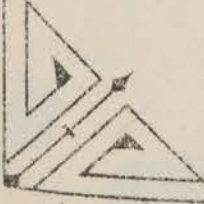
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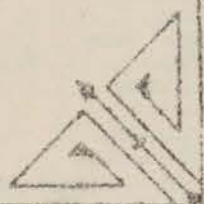
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ROBERT H. SCOTT

(SECRETARY.)



Printed by J. G. & Co. at the Press of the Meteorological Office, Victoria St. London.

WEATHER CHARTS

for 8 a.m. on Monday, 10th DECEMBER, 1863

BAROMETER, WIND & SEA.

Explanation of Map

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

Change 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

at 8 a.m. for the month of December.

Stations	Mean Readings
Sunbury Head	29.58
Stornoway	29.70
Wick	29.71
Nairn	29.74
Aberdeen	29.75
Leith	29.80
Shetland	29.83
York	29.87
Ardrumnan	29.90
Dunghall	29.92
Holyhead	29.95
Liverpool	29.98
Villanova	29.99
Rock's Point	29.99
Penrhos	29.99
Sally	29.99
Three Gables	29.99
Dover	29.99
LONDON	29.99
Oxford	29.99
Cambridge	29.99
Vermouth	29.99

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°.

Change in temperature since previous morning are stated in words.

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

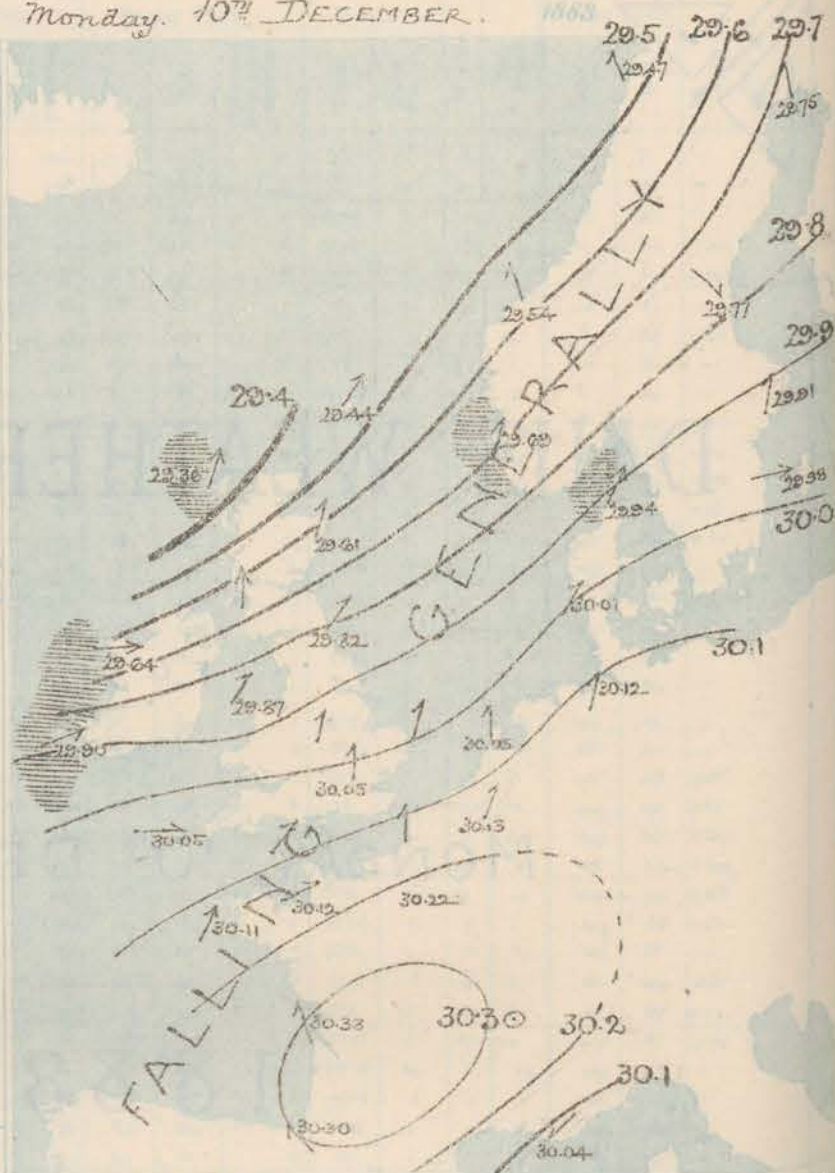
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.6 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL for the month of December

Stations	Temp.	Rainfall.
Sunbury Head	38.9	4.13
Stornoway	38.9	5.61
Wick	37.8	3.31
Nairn	36.9	2.07
Aberdeen	36.2	3.42
Leith	36.4	1.95
Shetland	38.2	0.03
York	36.2	1.69
Ardrumnan	36.1	1.17
Dunghall	36.1	2.65
Holyhead	37.9	1.07
Liverpool	38.1	2.69
Villanova	38.7	6.03
Rock's Point	37.9	4.49
Penrhos	37.7	4.96
Sally	37.2	4.18
Three Gables	36.8	2.88
Dover	36.0	3.47
LONDON	35.1	2.28
Oxford	37.5	2.19
Cambridge	36.3	2.02
Vermouth	37.0	2.90

* These mean 8 a.m. temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 10 years 1866 to 1875.



REMARKS

For Monday 10th December 1883 at 8 a.m.

In the course of the past night a new depression has appeared off the west of Scotland, and the barometer therefore continues to fall generally most in the west and north. The area of highest pressure now lies over the south of France, and moderate gradients for SW^{ly} winds prevail over the whole of Western Europe. Moderate or fresh SW^{ly} breezes are consequently reported on all coasts. The weather is fair on the east and south-east coasts of England, cloudy or overcast elsewhere, with rain in many places. During yesterday rain fell in most parts of the Kingdom. A little sleet was observed in London last evening. Temperature has risen several degrees in the N. of France and SE. of England, but fallen a little elsewhere, readings now range from 48° at Rocke Point and Hurst Castle to 37° at Shield and York.

The sea is rough on some parts of our western and extreme northern coasts.

The depression in the north-west will in all probability be succeeded by fresh disturbances, and mild, unsettled weather is likely to continue.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon

on the

11th DECEMBER,

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



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SW ^{ly} and W ^{ly} winds, strong; rain at times.
2 SCOTLAND EAST	SW ^{ly} winds, freshening; cloudy, some rain.
3 ENGLAND N.E.	Do. Do. Do.
4 ENGLAND EAST	Same as N ^o 5.
5 MIDLAND COUNTIES	Same as N ^o 5.
6 ENGLAND SOUTH	SW ^{ly} winds, moderate or fresh; changeable, some rain.

6 SCOTLAND WEST	S ^{ly} and SW ^{ly} winds, fresh; unsettled, rainy.
7 ENGLAND N.W.	Same as N ^o 1 and 2.
8 ENGLAND S.W.	SW ^{ly} and W ^{ly} winds, fresh or strong; changeable, some snows.
9 IRELAND NORTH	SW ^{ly} winds, strong, perhaps a gale; rain at times.
10 IRELAND SOUTH	Do. Do. Do.
WARNINGS	The south cone was hoisted on Saturday evening in districts 6, 8, 9, 10 and part of 1.

METEOROLOGICAL OBSERVATIONS FOR

10th DEC.

1882

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	29.84	11	Z	0	6	29.75	- 0.4	28	28	+ 11	S	2	0	*	?	10	-		
Hernösand	29.78	33	Z	0	0	29.77	- 1.0	30	30	- 2	NW	2	f	*	37	?	0.08		
Stockholm	29.97	31	WSW	2	0	29.91	- 0.4	37	36	+ 5	SW	4	0	*	?	28	-		
Wisby	29.97	37	SW	6	0	29.98	+ 0.4	41	39	+ 6	W	6	0	*	?	32	-		
Bodo	29.52	37	E	2	0	29.47	- 2.6	38	38	- 1	SSE	2	b	3	55	36	0.08		
Christiansund	29.63	44	SW	4	0	29.54	- 2.3	40	36	- 3	S	2	b	3	43	36	0.08		
†Skudesnaes	29.87	45	SSW	6	1	29.69	- 3.0	44	42	0	SSW	4	0	5	45	43	0.23		
Oxö (Xiansund)	29.98	44	SW	6	0	29.83	- 2.2	42	42	+ 5	SSW	6	1	1	43	?	0.24		
Skagen (The Skaw)	30.04	39	WSW	3	0	29.94	- 0.9	38	37	- 1	SW	6	0	5	41	37	-		
Fanö	30.13	42	WSW	4	0	30.01	- 1.8	40	37	- 2	SW	4	0	*	43	39	-		
Cuxhaven	30.16	38	SW	2	b	30.12	- 0.6	37	37	- 4	SSW	2	b	*	41	36	-		
†Sumburgh Head	29.73	43	SW	5	6	29.44	- 2.4	43	42	- 2	SW	5	1	5	47	37	0.04		
†Stornoway	29.79	39	SSW	3	0	29.36	- 4.4	44	43	+ 4	SSW	5	d	4	44	37	0.14		
Wick	29.79	39	W	1	6	29.46	- 3.6	42	40	- 1	WSW	3	0	3	46	35	-		
Nairn	29.86	39	W	1	6	29.50	- 3.1	43	41	- 3	SW	1	0	1	47	37	0.02		
†Aberdeen	29.89	37	SSW	1	b	29.61	- 2.9	38	37	- 4	SSW	4	0	2	45	32	0.01		
Leith	29.93	43	W	1	b	29.69	- 2.4	42	40	- 4	SW	3	0	*	48	35	-		
†Shields	29.97	43	SW	2	m	29.82	- 2.8	37	36	- 1	SW	2	m	2	44	35	-		
Spurn Head	30.09	38	SSW	4	0	29.91	- 3.1	40	40	+ 3	SSW	3	0	2	40	34	-		
York	30.07	40	S	2	0	29.90	- 2.9	37	36	+ 2	SW	1	0	*	43	34	0.01		
Loughborough	30.12	37	SSW	2	0	29.95	- 3.1	42	42	+ 6	SSW	2	0	*	43	35	0.04		
†Ardrossan	29.96	44	SW	1	0	29.65	- 3.1	44	44	- 2	S	5	1	4	46	42	0.07		
†Mullaghmore	30.00	40	SW	4	6	29.64	- 3.6	47	45	+ 2	W	6	1	5	47	39	0.21		
Donaghadee	30.01	32	W	1	6	29.74	- 2.7	40	40	- 3	SSW	3	1	1	46	32	0.07		
Parsonstown	30.07	38	Z	0	6	29.80	- 2.9	45	43	- 1	SW	2	1	*	47	32	0.03		
Barrow-in-Furness	30.01	44	SW	2	1	29.82	- 3.0	43	41	0	SSW	5	0	3	45	40	0.26		
†Holyhead	30.04	44	WNW	2	1	29.87	- 2.7	45	41	- 2	SW	4	0	5	49	40	0.34		
Liverpool (Bidston)	30.04	43	W	2	1	29.89	- 2.9	40	38	0	SSW	2	0	2	46	39	0.12		
†Valencia	30.11	43	WNW	2	b	29.90	- 2.3	?	49	?	WSW	6	omy	6	51	40	0.13		
Roche's Point	30.09	46	WNW	2	0	29.96	- 1.3	48	47	- 1	SSW	3	0	4	50	35	0.60		
Pembroke	30.07	48	SSW	5	1	29.97	- 2.6	49	43	+ 1	WSW	4	b	4	49	44	0.20		
†Scilly	30.17	49	SW	6	0	30.05	- 2.4	47	45	+ 1	W	4	0	4	49	45	0.20		
Prawle Point	30.22	45	SW	3	0	30.05	- 2.7	44	43	+ 5	W	3	0	3	47	38	0.03		
Hurst Castle	30.27	43	WSW	3	0	30.05	- 2.8	48	45	+ 14	SW	4	0	2	48	33	-		
†Dover	30.23	36	NW	2	b	30.07	- 2.7	42	41	+ 8	WSW	3	b	2	43	33	-		
†London	30.22	36	S	1	0	30.05	- 2.8	43	41	+ 8	S	2	0	d	43	35	-		
Oxford	30.16	38	S	2	1	30.01	- 3.0	43	40	+ 9	SSW	2	0	d	43	34	0.02		
Cambridge	30.18	38	SW	1	0	30.00	- 3.1	40	40	+ 6	SW	1	0	*	40	33	0.02		
†Yarmouth	30.20	33	SSW	2	0	29.99	- 3.1	38	37	+ 4	SSW	2	b	3	38	32	0.02		
The Helder	30.20	37	SW	3	0	30.05	- 2.5	36	34	- 5	S	1	0	2	44	36	-		
Cape Gris Nez	30.24	29	SW	4	0	30.12	- 2.2	38	38	+ 1	S	4	0	3	43	36	-		
†Jersey	30.25	42	WNW	2	0	30.12	- 2.3	47	46	+ 6	WSW	4	omy	3	47	40	0.04		
Brest	30.29	46	WSW	5	0	30.11	- 2.8	49	47	+ 6	SW	5	1	4	?	39	-		
Lorient	30.30	44	W	1	0	30.19	- 1.1	48	43	+ 8	W	5	0	3	?	37	-		
†Rochefort	30.36	38	WS	5	0	30.33	- 0.9	37	35	+ 3	SSE	4	0	2	41	28	-		
Biarritz	30.26	31	E	1	0	30.30	+ 0.01	29	?	0	SE	1	0	1	41	25	-		
Cornwall	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.13	- 2.5	24	33	+ 2	SSW	1	0	*	37	32	-		
Charleville	30.23	31	NE	1	6	30.13	- 2.6	43	31	+ 8	NE	1	0	*	?	30	-		
Paris	30.39	35	NE	3	0	30.22	- 1.9	36	34	+ 1	SW	4	0	*	*	*	-		
Lyons	30.25	20	WNW	1	0	30.23	- 1.4	22	22	+ 10	SSE	1	1	*	24	?	-		
Toulon	29.93	41	E	9	1	30.04	- 0.4	42	37	- 4	NE	4	0	5	43	40	0.39		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.75	39	SW	2	1	28.58	- 2.9	37	36	+ 2	SW	4	0	*	40	34	0.22		

HIGH LEVEL STATION.

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

Hawes Junction	28.75	39	SW	2	1	28.58	- 2.9	37	36	+ 2	SW	4	0	*	40	34	0.22
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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	29.95	44	43	SSW	8	n+ 5	Valencia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen						4	London						*
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	30.38	37	35	NE	5	m 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 (fog); 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, 11TH DECEMBER.

1883.


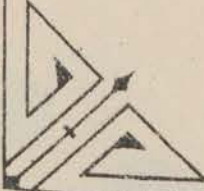
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ROBERT H. SCOTT

(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on *Tuesday, 11th DECEMBER, 1883*

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each inch 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 8; — forces 8 to 16

— forces 5 to 7; — forces 1 to 4

○ dead calm

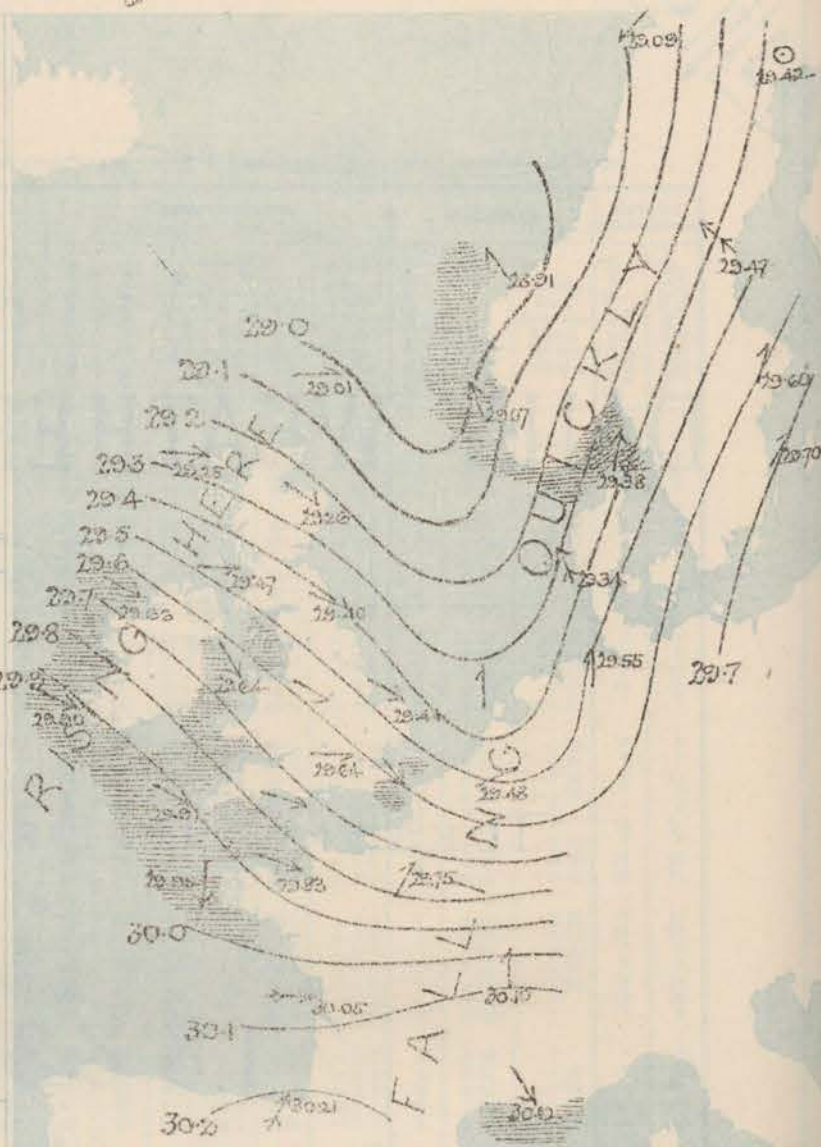
Sea Disturbance, where considerable, is shown by shading round the coast, thus— Rough. High.

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of December.

Stations	Mean Readings
Samburgh Head	29.68
Stornoway	29.70
Wick	29.72
Nairn	29.74
Aberdeen	29.76
Leith	29.80
Shedde	29.82
York	29.87
Ardrossan	29.89
Dunghaden	29.92
Holyhead	29.95
Liverpool	29.98
Valencia	29.99
Roches Point	29.99
Pembroke	29.97
Sally	29.98
Burgh Castle	29.98
Dover	29.98
LONDON	29.98
Oxford	29.97
Cambridge	29.97
Barnmouth	29.97

* These means are for the 10 years 1871 to 1880.



REMARKS

Tuesday 11th December

1883 at 8 a.m.

The depression noticed off our north west coasts yesterday morning has passed on NE^W and now lies off the west of Norway. In its rear a decided recovery of pressure has set in over the west and north of our Islands, but at our eastern, southern and the Continental stations the barometer still falls. S^W gales are reported from the eastern shores of the North Sea and SE^W breezes from the north of Scandinavia, but in our Islands and France the wind is W^W or NW^W and at many of our western stations it blows strongly. The sky has cleared in most parts of the United Kingdom, but in Denmark and the west of France dull, rainy weather is reported. Rain fell generally yesterday the amounts at some of the eastern stations being rather large. Temperature has risen a little in England, but fallen in Ireland and Scotland, and readings now range from 51° at Scilly to 35° at Kirk and Nairn. The sea is rough in the west and south.

In the rear of the depression which is lying off the west of Norway NW^W breezes and cooler weather are likely to prevail for a little.

FORECASTS

for the 24 hours ending at Noon
on the
12th December.

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

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

1 SCOTLAND NORTH	NW ^W winds, freshening, unsettled; some cold showers.
2 SCOTLAND EAST	-----D-----D-----D-----
3 ENGLAND N.E.	-----D-----D-----D-----
4 ENGLAND EAST	Same as No 5
5 MIDLAND COUNTIES	Same as No 5
6 ENGLAND SOUTH	W ^W and NW ^W winds, fresh; some cold showers with bright intervals.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	NW ^W winds, strong; some cold showers.
7 ENGLAND N.W.	-----D-----D-----D-----
8 ENGLAND S.W.	-----D-----D-----D-----
9 IRELAND NORTH	W ^W or NW ^W winds, fresh or strong; showery
10 IRELAND SOUTH	-----D-----D-----D-----
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

11th DEC.

1882

† YESTERDAY EVENING.										8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea.	SHADE TEMP.		Amount of Rainfall.					
			Dir.	Force. (0 to 15).		Reading at 2 P.M. and Sea Level.	Difference from 8 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.						
Haparanda	29.60	32	2	0	f	29.42	- 53	33	33	+ 5	23	0	0	36	30	-						
Hernösand	29.58	35	SSW	2	0	29.47	- 30	36	35	+ 6	32	0	0	36	34	-						
Stockholm	29.80	35	SW	2	0	29.60	- 31	36	34	- 1	SSW	4	0	37	30	-						
Wisby	29.69	34	W	6	0	29.70	- 28	36	35	- 5	SW	4	0	41	30	0.08						
Bodö	29.36	40	SE	2	0	29.09	- 38	33	31	- 5	ENE	4	0	39	32	-						
Christiansund	29.36	41	SE	2	bc	29.41	- 63	33	33	+ 3	SE	1	0	43	35	-						
Skudesnaes	29.42	43	S	4	0	29.07	- 62	35	44	+ 1	SEE	6	0	45	43	0.32						
Örö (Kunnsund)	29.56	40	SSW	4	A	29.21	- 62	44	43	+ 2	S	8	0	45	41	0.43						
Skagen (The Skaw)	29.70	36	SSW	6	A	29.82	- 56	39	38	+ 1	SSW	7	0	39	33	0.28						
Fanö	29.70	38	SSW	7	0	29.34	- 67	36	36	- 4	SEE	8	0	2	36	0.12						
Cuxhaven	29.89	36	S	3	0	29.58	- 37	35	35	- 2	S	4	0	9	32	0.02						
†Sumburgh Head	29.00	43	SSW	4	A	29.01	- 40	42	38	- 1	W	4	0	45	37	0.46						
†Stornoway	29.14	43	SSW	4	Om	29.25	- 11	38	37	- 6	W	5	0	45	35	0.39						
Wick	29.13	43	S	3	C	29.21	- 25	35	34	- 7	W	4	0	43	34	0.05						
Nairn	29.19	43	WSW	2	0	29.28	- 22	35	34	- 8	W	2	0	46	35	0.06						
†Aberdeen	29.25	42	SSW	3	C	29.26	- 35	38	36	0	WSW	4	0	44	37	-						
Leith	29.33	47	SW	2	bc	29.38	- 31	39	37	- 3	W	3	0	47	37	0.09						
†Shields	29.50	45	SW	3	A	29.40	- 42	40	38	+ 3	WSW	4	0	47	36	0.09						
Spurn Head	29.62	43	SSW	5	0	29.43	- 48	42	40	+ 2	WSW	6	0	46	35	0.12						
York	29.52	43	SW	3	0	29.45	- 45	41	39	+ 4	W	5	0	46	35	0.10						
Loughborough	29.69	44	SSW	6	A	29.54	- 41	43	41	+ 1	WSW	4	0	47	42	0.22						
†Ardrossan	29.05	47	WSW	4	A	29.47	- 18	42	40	- 2	W	5	0	47	40	0.50						
†Mullaghmore	29.42	48	W	6	Ay	29.66	+ 02	44	41	- 3	WSW	6	0	49	42	0.53						
Donaghadee	29.44	47	SSW	2	0	29.58	- 16	40	38	0	W	4	0	47	39	0.35						
Parsonstown	29.56	49	SSW	1	A	29.76	- 04	43	43	- 2	W	1	0	50	41	0.69						
Barrow-in-Furness	29.61	47	SW	5	A	29.32	- 30	42	40	- 1	WSW	7	0	47	41	0.53						
†Holyhead	29.54	49	WSW	4	Ay	29.62	- 23	45	43	0	WSW	6	0	49	41	0.62						
Liverpool (Midson)	29.56	46	SW	4	A	29.56	- 33	44	40	+ 4	W	6	0	47	40	0.62						
†Valencia	29.67	52	W	7	A	29.90	- 00	49	47	9	WSW	6	0	53	48	0.15						
Roche's Point	29.70	50	W	5	0	29.85	- 11	47	45	- 1	WSW	4	0	52	45	0.10						
Pembroke	29.69	50	WSW	6	A	29.76	- 21	47	44	+ 2	WSW	7	0	51	46	0.23						
†Scilly	29.90	51	WSW	6	Op	29.91	- 14	51	50	+ 4	WSW	6	0	51	46	0.04						
Prawle Point	29.89	49	WSW	5	0	29.79	- 26	46	44	+ 2	WSW	6	0	51	40	0.72						
Hurst Castle	29.87	47	W	5	A	29.68	- 37	46	44	- 2	WSW	5	0	50	45	0.46						
†Dover	29.80	45	WSW	5	cb	29.85	- 52	45	43	+ 3	WSW	5	0	49	41	0.16						
†London	29.83	45	SW	4	0	29.64	- 41	44	40	+ 1	W	4	0	49	42	0.40						
Oxford	29.71	45	SSW	5	0	29.64	- 37	42	40	- 1	WSW	5	0	49	41	0.16						
Cambridge	29.80	45	SW	1	A	29.56	- 44	43	41	+ 3	W	1	0	48	39	0.24						
†Yarmouth	29.78	43	SSW	3	m	29.44	- 55	43	41	+ 4	WSW	5	0	46	37	0.35						
The Helder	29.79	39	S	8	A	29.24	- 81	39	39	+ 5	S	4	0	41	36	0.16						
Cape Gris Nez	29.93	45	SW	9	A	29.58	- 54	48	44	+ 10	WSW	8	0	48	37	0.55						
†Jersey	29.98	48	W	4	0	29.83	- 29	49	48	+ 2	WSW	5	0	52	46	0.21						
Brest	30.05	51	W	5	A	29.95	- 16	50	47	+ 1	W	7	0	50	46	0.24						
Lorient																						
†Rochefort	30.34	46	SW	5	0	30.05	- 28	50	?	+ 13	W	8	0	?	37	0.28						
Biarritz	30.38	42	S	1	0	30.21	- 09	50	46	+ 21	SW	8	0	?	?	0.59						
Cornwall																						
Brussels						29.48	- 65	40	38	+ 6	WSW	2	0	?	?	0.32						
Charleville	30.07	39	NE	1	0	29.62	- 51	34	?	- 9	?	4	0	?	30	0.82						
Paris	30.15	41	SW	5	C	29.75	- 47	46	45	+ 10	SW	4	0									
Lyons	30.29	25	E	1	f	30.10	- 13	29	28	+ 7	S	4	0	29	?	-						
Toulon	30.10	40	WSW	5	C	30.12	+ 08	34	32	- 8	WSW	5	0	45	32	0.79						
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	28.31	42	SW	4	A	28.32	- 26	37	36	0	WSW	3	0	43	36	0.96						

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.66	44	41	SSW	5	0	Valencia	29.79	52	51	WSW	6	0.00
Sumburgh Head	29.22	43	42	SSW	5	0	Scilly	29.96	50	50	WSW	6	0.00
Stornoway	29.18	45	45	WSW	5	0	Dover	29.97	46	45	WSW	4	0.00
Aberdeen	29.37	45	40	SSW	5	0	London	29.90	48	45	SW	4	0.00
Shields	29.50	45	46	SSW	4	0	Yarmouth	29.68	44	43	SSW	3	0.00
Ardrossan	29.42	46	46	SW	6	0	Jersey	30.04	48	44	WSW	4	0.00
Mullaghmore	29.51	48	47	WSW	4	0.00	Rochefort	30.32	43	42	S	5	0.00
Holyhead	29.69	48	46	SW	4	0.00							

The barometer continues to fall generally and gradually over our Islands we increasing gradually. Moderate or fresh SW winds are reported on all coasts, with dull weather; showers are reported in many places and mist in the W. of Ireland.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 8 p.m. in our Islands (except at Orford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Orford 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, 12TH DECEMBER.

1883.

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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on

WEDNESDAY. 12. DECEMBER.

1883

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Isotherms 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.

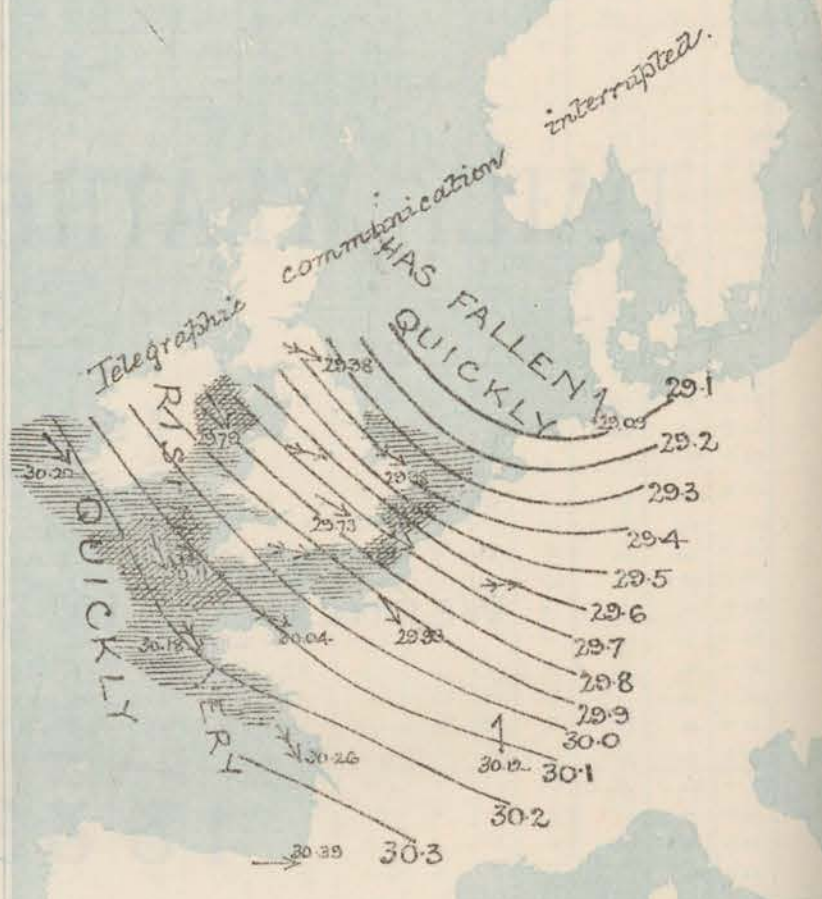
thus — Rough, — High

MEAN* HEIGHT of the BAROMETER

at 8 a.m. for the month of December

Stations.	Mean Readings
Sumburgh Head	29.68
Stornoway	29.70
Wick	29.72
Nairn	29.74
Aberdeen	29.76
Lath.	29.80
Shetland	29.82
York	29.87
Ardrossan	29.87
Donaghadee	29.87
Holyhead	29.88
Liverpool	29.88
Valencia	29.88
Roches Point	29.89
Pembroke	29.89
Sally	29.94
Three Castle	29.98
Dover	29.98
LONDON	29.99
Oxford	29.99
Cambridge	29.99
Vermouth	29.99

* These means are for the 10 years 1871 to 1880.



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 AT 8 A.M. AND RAINFALL.

for the month of December

Stations.	Temp.	Rainfall.
Sumburgh Head	39.0	4.13
Stornoway	38.9	5.61
Wick	37.8	3.21
Nairn	36.9	2.02
Aberdeen	36.9	3.42
Lath.	36.4	1.96
Shetland	38.2	0.08
York	36.2	2.59
Ardrossan	40.1	4.17
Donaghadee	40.1	2.85
Holyhead	42.9	4.07
Liverpool	39.1	2.89
Valencia	44.7	6.08
Roches Point	42.9	1.89
Pembroke	43.7	4.36
Sally	47.2	1.18
Three Castle	40.6	2.96
Dover	40.0	3.50
LONDON	38.4	2.28
Oxford	37.0	2.18
Cambridge	36.0	2.02
Vermouth	37.9	2.88

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880, the mean amounts of Rain are nearly those for the 15 years 1866 to 1880.



REMARKS

For WEDNESDAY 12th DEC^r 1883 at 8 a m

Telegraphic communication is interrupted with all stations north of Shields, but as far as can be seen a very deep depression has passed across Scotland in the course of the night, occasioning severe gales on all coasts. At our more southern and the French stations the barometer is now rising briskly the wind is veering to the NWnd and moderating, and the weather has become generally fair. Showers of rain or hail were experienced over these districts during the night. Lunar halos or coronae were seen last evening in the south of England and Ireland, and lightning occurred at Shields. Temperature has risen a little over France, but fallen in the south of our Islands. The sea is high at Holyhead, Scilly and Cape Fin Key, rough elsewhere.

In the absence of all the northern reports it is impossible to say exactly in which direction the depression is moving, and definite forecasts cannot be issued. Strong NWth winds, slowly moderating, and fair but somewhat showery weather are likely in most districts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

13th DECEMBER

(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

WARNINGS

None
Issued.

The S. cone was hoisted yesterday on all coasts.

METEOROLOGICAL OBSERVATIONS FOR

12th DEC.

1883

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																	
Hernösand																	
Stockholm																	
Wisby																	
Bodö																	
Christiansund																	
Skudesnaes																	
Örö (Xiansund)																	
Skagen (The Skaw)																	
Fanö																	
Cuxhaven	29.89	37	WNW	3	0	29.09	- 46	87	87	+ 2	SSW	3	6c	*	39	32	0.18
†Sumburgh Head	29.07	39	WNW	4	6c	29.18	+ 17	87	86	- 5	WNW	4	0	4	42	32	0.55
†Stornoway																	
Wick																	
Nairn †	29.19	38	W	2	0	29.34	+ 06	58	87	+ 3	WNW	6	0	6	40	35	0.11
†Aberdeen																	
Leith																	
†Shields	29.55	41	WSW	3	0	29.38	- 02	40	38	0	WNW	8	6m	3	48	38	0.07
Spurn Head																	
York	29.63	41	W	2	6	29.47	+ 02	42	87	+ 1	WNW	8	6	*	40	40	0.05
Loughborough	29.73	42	W	4	6	29.60	+ 06	42	39	- 1	WNW	8	app	*	49	40	0.08
†Ardrossan																	
†Mullaghmore																	
Donaghadee																	
Parsonstown	29.58	50	SW	4	1	30.00	+ 24	42	38	- 1	W	2	0q	*	52	39	0.00
Barrow-in-Furness																	
†Holyhead	29.65	48	SW	5	0q	29.79	+ 15	44	40	- 1	WNW	7	6c	7	51	41	0.06
Liverpool (Bidston)	29.62	44	SSW	4	0	29.62	+ 06	43	40	- 1	W	8	6c	6	52	43	0.07
†Valencia	29.76	53	WSW	7	0q/m	30.20	+ 30	47	44	- 2	WNW	6	0q	6	55	46	0.03
Roche's Point	29.76	48	W	6	6	30.08	+ 23	45	42	- 2	WNW	5	6	4	53	43	0.04
Pembroke	29.72	50	W	6	0	29.95	+ 19	46	41	- 3	WNW	8	6	6	52	46	0.11
†Scilly	29.99	52	WNW	6	0m	30.11	+ 20	50	46	- 1	WNW	9	6m	7	52	46	0.02
Prawle Point	29.90	48	WNW	5	6c	30.01	+ 22	44	41	- 2	WNW	6	6c	6	51	42	0.10
Hurst Castle	29.92	45	W	5	6	29.87	+ 19	44	41	- 2	WNW	8	6c	5	52	41	0.04
†Dover	29.85	46	W	2	6c	29.64	+ 09	44	40	- 1	WNW	7	0q	5	49	40	
†London	29.84	42	W	4	6c	29.73	+ 09	43	39	- 1	WNW	7	6c	*	51	40	0.01
Oxford	29.76	43	SSW	4	0	29.74	+ 10	43	38	+ 1	WSW	8	6c	*	52	42	0.02
Cambridge	29.76	38	W	0	6c	29.58	+ 02	42	38	- 1	W	4	6c	*	50	36	0.16
†Yarmouth	29.73	40	W	4	6	29.38	- 06	41	38	- 1	WNW	8	6c	5	46	37	0.05
The Helder																	
Cape Gris Nez	29.84	46	WNW	7	6	29.65	+ 07	43	41	- 5	WNW	11	6	7	48	39	0.12
†Jersey	30.02	50	W	4	0m	30.04	+ 21	49	46	0	WNW	8	6m	6	53	47	0.04
Brest	30.15	52	WNW	5	0	30.18	+ 23	50	46	0	WNW	8	6c	5	52	44	
Lorient	30.13	51	WNW	5	6	30.14		50	46		WNW	8	6c	5	54	45	0.04
†Rochefort	30.25	50	WNW	5	0	30.26	+ 21	52	52	+ 2	WNW	8	6c	2	55	43	0.08
Biarritz	30.31	36	N	7	0	30.39	+ 18	55	54	+ 5	W	7	0	3	57	41	0.32
Corunna																	
Brussels																	
Charleville	29.86	37	WNW	4	6	29.65	+ 03	42	40	+ 8	W	9	6	*	42	25	0.32
Paris	30.00	48	SW	4	0	29.93	+ 18	47	43	+ 1	WNW	5	6	*			0.04
Lyons	30.11	34	NE	1	0	30.12	+ 02	38	37	+ 9	S	4	0	*	40	33	0.24
Toulon																	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.82	38	WSW	4	1	28.80	- 02	25	33	- 2	WNW	5	10	*	45	30	0.56

HIGH LEVEL STATION.

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

Hawes Junction	28.82	38	WSW	4	1	28.80	-02	35	33	-2	WNW	5	6	45	30	0.66
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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	29.12	42	40	WNW	5	1	Valencia	29.89	52	51	WSW	4	0m
Sumburgh Head	29.06	41	37	WNW	5	6c	Scilly	29.99	52	50	WNW	7	6c
Stornoway	29.33	39	38	W	5	0m	Dover	29.76	46	42	WNW	4	6
Aberdeen	29.89	39	36	W	3	3	London	29.78	48	43	WNW	5	6
Shields	29.54	42	39	W	4	6m	Yarmouth	29.61	44	41	WNW	6	6c
Ardrossan	29.51	45	42	W	4	6	Jersey	29.97	50	48	WNW	5	6
Mullaghmore	29.61	45	43	SW	4	0m	Rochefort	30.17	51	51	WNW	5	6
Holyhead	29.77	45	42	WNW	5	6							

A fresh fall of the barometer has commenced in Ireland, and the wind there has backed to the SEth, with dull, gloomy weather. Over the British Isles the barometer is rising, the wind is W^{ly} or NW^{ly} and the weather generally fair. At Wick, however, slight showers are falling.

EXPLANATION OF COLUMNS.

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

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

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

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

§ Received too late for mention in Charts.

DAILY WEATHER REPORT

FOR

THURSDAY, 13TH DEC^R.

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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D^s D^s Bookpost 5^s 10^s

ROBERT H. SCOTT

(SECRETARY.)

Printed by J. G. & Co. at the Press of the Meteorological Office.

WEATHER CHARTS

for 8 a.m. on Thursday 13th DECEMBER. 1883

BAROMETER, WIND & SEA

Explanation of Map

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

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

Wind. Arrows show the prevalent winds.

They fly with the wind, and their barbs

and feathers refer to force thus—

→ force above 40; → force 3 to 40

→ force 5 to 7; → force 2 to 5

○—dead calm.

Sea Disturbance. where considerable is shown by shading round the coast thus—

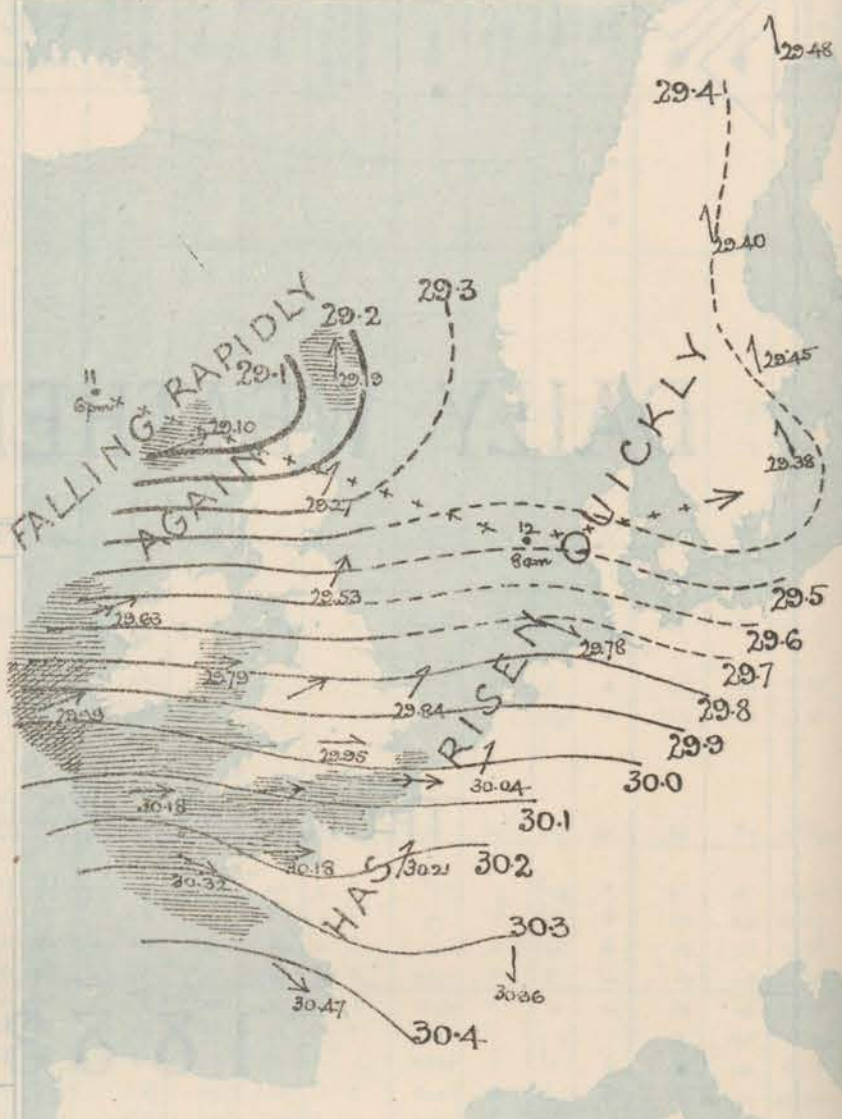
thus—Rough—High.

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of December.

Stations	Mean Readings
Sumburgh Head	29.60
Stornoway	29.70
Wick	29.71
Nairn	29.74
Aberdeen	29.78
Leith	29.80
Glasgow	29.83
Fife	29.87
Ardrossan	29.88
Dunfermline	29.89
Holyhead	29.90
Liverpool	29.92
Valencia	30.00
Rochester Point	30.01
Pembroke	30.02
Sally	30.03
Hurst Castle	30.04
Dover	30.05
LONDON	30.06
Oxford	30.07
Cambridge	30.08
Wormouth	30.09

* These readings are for the 10 years 1871 to 1880.



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 AT 8 A.M. AND RAINFALL.

for the month of December.

Stations	Temp.	Rainfall.
Sumburgh Head	39.0	4.15
Stornoway	39.9	6.61
Wick	37.8	3.21
Nairn	36.9	2.81
Aberdeen	36.9	3.42
Leith	38.4	1.96
Glasgow	38.2	0.03
Fife	36.2	2.54
Ardrossan	40.1	4.77
Dunfermline	40.1	2.86
Holyhead	42.9	1.03
Liverpool	39.1	2.89
Valencia	44.7	6.03
Rochester Point	42.9	4.89
Pembroke	43.7	4.36
Sally	47.2	4.16
Hurst Castle	46.6	2.96
Dover	40.1	3.41
LONDON	38.4	2.39
Oxford	37.6	2.16
Cambridge	36.8	2.02
Wormouth	37.9	2.86

* These mean 8 a.m. temperatures are for the 10 years 1871 to 1880; the mean rainfalls & Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

Thursday 13th December 1883 at 8 a.m.

Few of our northern reports have arrived but from the information at present to hand it appears that the barometer is again falling quickly in the west and north-west, while the wind is backing to the SWth and increasing. At Stornoway and Valencia there is already a moderate gale from WSW, but on our south-east coast the wind is generally moderate or fresh from the SWth. The weather has become rainy in the north of Scotland, and a considerable increase of cloud has taken place on our south-west coast, but in the south-east conditions are generally fair. In the course of the past 24 hours showers have fallen in most parts of the country. Temperature has risen several degrees, and readings now range from 54° at Valencia to 38° at Sumburgh Head. The sea is rough on nearly all coasts.

From the change which are in progress at our western and northern stations it is probable that a new and deep depression is advancing, and further Wth gales are likely on all coasts.

NOTE. Telegrams received subsequent to the issue of yesterday's report showed that at 8 a.m. the centre of the depression of Tuesday night was lying off the west coast of Denmark.



FORECASTS

For the 24 hours ending at Noon
on the

14th DECEMBER

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

No forecast possible owing to deficiency of information.

6 SCOTLAND WEST

Same as No. 1 to 2.

2 SCOTLAND EAST

-----D-----D-----D-----

7 ENGLAND N.W.

Same as Nos 1 to 2.

3 ENGLAND N.E.

-----D-----D-----D-----

8 ENGLAND S.W.

Same as No. 5.

4 ENGLAND EAST

Same as No. 5.

9 IRELAND NORTH

Same as Nos 1 to 2.

5 MIDLAND COUNTIES

Same as No. 5.

10 IRELAND SOUTH

Wth to NWth strong winds and gales; squally, rainy.

6 ENGLAND SOUTH

SWth to Wth winds, increasing to a gale; cloudy, unsettled, some rain.

WARNINGS

11 30 a.m. From later reports it appears that bad weather is probable in all parts of the Kingdom.

The S. cone is still up on all coasts.

METEOROLOGICAL OBSERVATIONS FOR

15th DEC.

1883

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	29.36	33	S	4	0	29.42	+ 22	33	33	0	S	2	m	*	36	32	0.16		
Hernösand	29.35	32	Lo	0	0	29.40	+ 20	34	34	+ 1	S	2	f	*	39	28	0.12		
Stockholm	29.32	34	E	2	0	29.45	+ 21	35	34	0	E	2	f	*	37	34	0.08		
Wisby	29.28	35	SSE	4	0	29.38	+ 09	35	35	0	SSE	2	h	*	36	32	0.04		
Bodö																			
Christiansund																			
†Skudesnäs																			
Oxö (Ölandsund)																			
Skagen (The Skaw)																			
Fanö																			
Cuxhaven	28.84	40	NW	9	bc	29.78	+ 69	39	39	+ 2	WNW	4	b	*	41	34	0.10		
†Sumburgh Head	29.44	36	NW	5	0	29.19	+ 01	38	37	+ 1	S	5	h	5	41	32	0.10		
†Stornoway	29.70	36	N	3	0	29.10	- 32	50	50	+ 14	NSE	7	ag	5	50	34	0.45		
Wick	29.57	34	NW	5	c	29.10	- 20	43	42	+ 8	SSW	3	0	3	43	32	0.55		
Nairn	29.73	35	NW	3	0	29.19	- 15	49	48	+ 11	W	4	h	3	49	37	0.34		
†Aberdeen	29.70	35	NW	5	bc	29.27	- 01	41	40	+ 4	SW	3	0	2	41	33	0.09		
Leith	29.77	40	NW	2	b	29.39	- 02	50	50	+ 13	W	6	op	*	51	36	0.14		
†Shields	29.79	38	N	4	b	29.53	+ 15	52	49	+ 12	SW	6	om	4	52	36	0.02		
Spurn Head	29.80	40	NW	8	b	29.70	+ 32	46	45	+ 4	SW	4	c	5	46	37	0.04		
York	29.87	40	N	4	c	29.71	+ 24	51	48	+ 9	PSW	4	0	*	51	36	-		
Loughborough	29.96	42	WNW	6	c	29.64	+ 24	50	47	+ 3	NW	6	og	*	50	40	0.01		
†Ardrossan																			
†Mullaghmore	29.96	45	SW	5	0	29.63	- 24	55	51	+ 11	NW	8	om	6	52	42	0.08		
Donaghadee																			
Parsonstown	30.09	45	NW	1	0	29.85	- 15	51	49	+ 9	W	4	og	*	52	40	0.01		
Barrow-in-Furness																			
†Holyhead	30.03	45	NW	5	0	29.79	00	52	49	+ 8	W	5	0	5	53	40	0.02		
Liverpool (Biston)	29.98	44	N	6	0	29.76	+ 14	47	48	+ 8	NW	6	0	5	51	43	0.02		
†Valencia	30.15	49	NW	5	odm	29.99	- 21	54	53	+ 7	NW	7	om	7	54	49	0.03		
Roche's Point	30.17	48	N	3	0	30.00	- 08	52	50	+ 7	W	5	c	4	53	44	-		
Pembroke	30.12	48	N	6	0	29.85	00	52	50	+ 6	NW	7	0	5	52	45	-		
†Scilly	30.14	50	WNW	8	c	30.18	+ 07	53	50	+ 3	N	5	0	5	53	48	0.01		
Prawle Point	30.12	45	WNW	4	c	30.10	+ 09	51	50	+ 7	NW	6	0	6	51	42	0.04		
Hurst Castle	30.13	43	NW	6	c	30.03	+ 16	49	48	+ 5	N	6	c	5	49	42	0.01		
†Dover	29.97	43	NW	5	bcg	29.97	+ 33	45	44	+ 1	NW	3	cp	2	47	39	0.02		
†London	30.02	44	WNW	3	bc	29.95	+ 22	49	48	+ 6	N	4	0	*	50	40	-		
Oxford	30.10	41	NW	3	c	29.94	+ 20	50	48	+ 7	NW	3	ogu	*	50	40	-		
Cambridge	29.98	40	WNW	2	bc	29.90	+ 32	48	47	+ 6	SW	1	0	*	48	37	0.05		
†Yarmouth	29.82	40	NW	7	b	29.84	+ 46	43	43	+ 2	SW	3	og	4	43	36	0.03		
The Helder																			
Cape Gris Nez	29.93	43	NW	9	0	29.98	+ 33	49	49	+ 6	N	8	h	6	55	43	0.12		
†Jersey	30.23	48	NW	6	bc	30.18	+ 14	51	51	+ 2	W	6	com	5	52	42	-		
Brest	30.36	50	WNW	7	0	30.32	+ 14	53	51	+ 3	WNW	5	0	5	?	48	-		
Lorient	30.38	50	NW	7	0	30.32	+ 18	53	51	+ 3	WNW	7	c	5	55	46	-		
†Rochefort	30.43	50	NW	7	c	30.47	+ 21	50	50	- 2	WNW	5	0	2	54	43	-		
Biarritz																			
Corunna	*	*	*	*	*									*	*	*	*		
Brussels	*	*	*	*	*	30.04		39	39		SSW	2	h	*	45	?	0.28		
Charleville	29.91	37	W	8	bc	?	?	37	35	- 5	N	4	h	*	44	37	0.04		
Paris	30.16	45	WNW	7	bc	30.21	+ 28	44	43	- 3	SW	1	h	*	*	*	0.04		
Lyons	30.17	42	NW	8	0	30.36	+ 24	38	37	0	N	1	h	*	48	51	0.16		
Toulon																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	18.66	37	N	3	b	28.41	+ 11	45	44	+ 10	NW	7	h	*	46	33	0.21		

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

TIDE GAUGES 2 P.M. REPORTS AND FORECASTS.															
	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.16	36	35	N	3	h	4	Valencia ...	30.21	49	46	W	5	om	5
Sumburgh Head	29.30	39	33	NW	5	bc	4	Scilly ...	30.23	50	46	NW	8	cg	6
Stornoway ...	29.63	38	36	WNW	6	ogh	5	Dover ..	29.84	45	42	WNW	5	cg	4
Aberdeen ...	29.58	37	35	NW	7	bc	3	London ...	29.90	46	44	WNW	6	og	5
Shields ...	29.63	40	35	NW	7	m	5	Yarmouth ...	29.63	43	41	NW	8	bcg	6
Ardrossan ...	29.78	43	41	WNW	7	c	5	Jersey ...	30.14	48	45	WNW	8	c	6
Mullaghmore	29.92	46	42	S	7	ogm	6	Rochefort ...	30.32	54	51	NW	7	0	2
Holyhead ...	29.96	45	40	NW	6	bcg	6								

The increase of pressure noticed at 8 a.m. still continues over G. Britain, with strong NW winds or gales and squally weather. At Valencia, however, the recovery has ceased and the wind has backed to W. The sea is rough at nearly all stations.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale in, h. 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

FRIDAY, 14TH DECEMBER.

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

Printed by J. Longstaffe, 11, St. Paul's Churchyard, London.

WEATHER CHARTS

for 8 a.m. on Friday 14th DECEMBER.

1882

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Isobars are drawn for each inch 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 8, — 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;

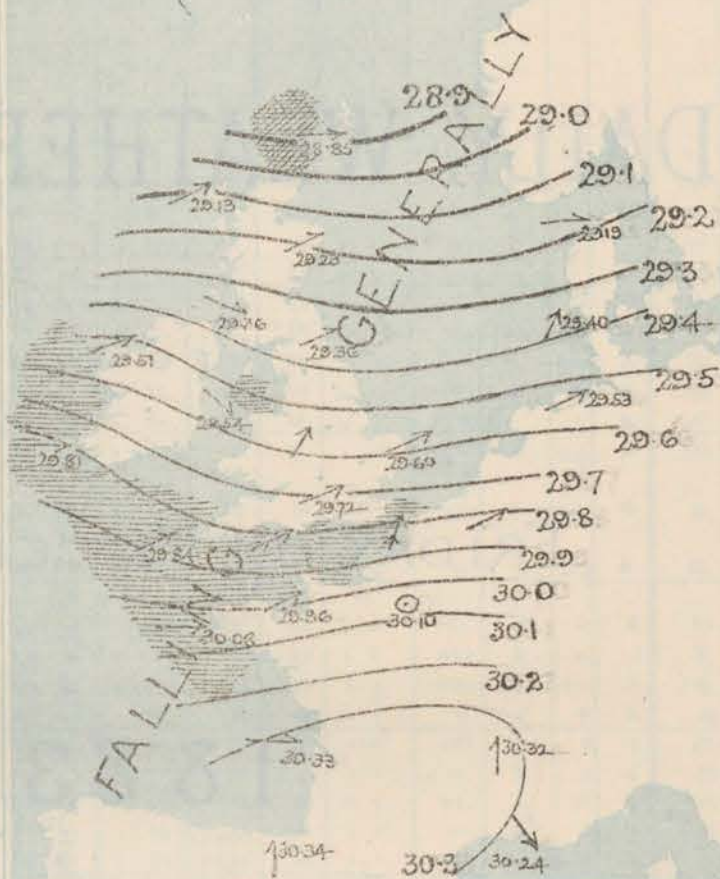
thus — Rough, — High.

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of December.

Stations	Mean Readings
Sunbury Head	29.540
Sarnoway	29.701
Wick	29.713
Nairn	29.701
Aberdeen	29.700
Leith	29.800
Shetland	29.836
York	29.877
Aberdeen	29.810
Dunfermline	29.832
Holyhead	29.858
Liverpool	29.882
Valencia	29.879
Rochester Point	29.840
Bombay	29.807
Sally	29.983
Long Castle	29.980
Dover	29.942
LONDON	29.939
Oxford	29.937
Cambridge	29.926
Bombay	29.907

* These means are for the 10 years 1871 to 1880.



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 AT 8 A.M. AND RAINFALL

for the month of December.

Stations	Temp.	Rainfall.
Sunbury Head	39.0	4.13
Sarnoway	38.9	5.61
Wick	37.8	3.37
Nairn	36.9	2.07
Aberdeen	35.8	2.42
Leith	38.4	7.85
Shetland	38.2	0.03
York	36.2	2.59
Aberdeen	40.1	4.77
Dunfermline	40.1	2.85
Holyhead	42.9	4.05
Liverpool	39.1	2.89
Valencia	49.7	0.05
Rochester Point	42.9	1.89
Bombay	43.7	4.30
Sally	47.2	1.14
Long Castle	40.6	2.86
Dover	40.2	3.43
LONDON	38.0	2.38
Oxford	37.0	2.48
Cambridge	36.0	2.02
Bombay	37.0	2.50

* These mean 8 a.m. temperatures are for the 10 years 1871 to 1880, the mean amounts of Rain, are mainly those for the 15 years 1865 to 1880.



REMARKS

For Friday 14th DEC^r 1883 at 8 a.m.

Pressure is still highest over France, but the barometer is falling generally, and a deep depression is lying off the north of Scotland. Over our southern districts there are some indications of shallow secondary disturbances. Gradients over our Islands remain very steep, and the wind, which is chiefly from the W^d is consequently strong in force, with a gale in the Channel and also in the Shetlands. The weather is fine at most of the Scotch stations but cloudy or overcast elsewhere, with rain in many places. Thunder is reported at Spurn Head. In the course of the past 24 hours rain has fallen in nearly all parts of the Kingdom. Temperature has fallen several degrees in the west and north, but risen in the south east, and readings range from 53° at York, Scilly, and Cambridge to 37° at Aberdeen.

The sea is high at Lumburgh Head, and rough on many parts of our western and southern coasts.

There is no sign of any very decided change in the weather, but the wind may be expected to veer slightly, with a fall of temperature over England.

FORECASTS

for the 24 hours ending at Noon
on the

15th DECEMBER.

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

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	W ³ and NW ³ winds, fresh to strong; fair on the whole, but some showers.
2 SCOTLAND EAST	Do. Do. Do.
3 ENGLAND N.E.	W ³ winds, strong, cloudy, some rain.
4 ENGLAND EAST	Same as No 3.
5 MIDLAND COUNTIES	Same as No 3.
6 ENGLAND SOUTH	SW ³ to W ³ strong winds and gales; unsettled and rainy to fair. Turning cooler.

6 SCOTLAND WEST	W ³ to NW ³ winds, fresh, unsettled, showers.
7 ENGLAND N.W.	Do. Do. Do.
8 ENGLAND S.W.	W ³ strong winds and gales, rain at times.
9 IRELAND NORTH	W ³ or NW ³ winds, strong and gusty; showery.
10 IRELAND SOUTH	Do. Do. Do.
WARNINGS	
The south cone was re-hoisted yesterday on all coasts.	

METEOROLOGICAL OBSERVATIONS FOR

14th DEC. 1883

YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 2).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).		Max.	Min.				
Haparanda																			
Hernösand																			
Stockholm																			
Wisby																			
Bodö																			
Christiansund																			
†Skudesnaes																			
Oxö (Xiansund)																			
Skagen (The Skaw)	29.19	39	SW	5	A	29.19	-28	42	41	+5	N	4	0	3	43	36	0.20		
Fanö	29.37	45	W	8	Q	29.40	-29	43	42	+6	SW	5	0	4	45	36	0.20		
Cuxhaven	29.55	45	SW	6	A	29.53	-25	47	47	+8	W	5	0	4	49	36	0.14		
†Sumburgh Head	28.91	47	W	6	C	28.85	-34	42	39	+4	W	7	0	7	49	37	0.24		
†Stornoway	29.21	45	W	9	Q	29.13	+03	40	37	-10	W	5	0	4	51	33	0.13		
Wick	29.18	43	W	5	C	29.09	-01	38	36	-5	W	4	0	3	45	35	0.04		
Nairn	29.23	46	W	5	C	29.18	-01	40	38	-9	W	3	0	2	52	33	0.10		
†Aberdeen	29.27	46	W	5	C	29.23	-04	37	35	-4	W	1	0	1	54	36			
Leith	29.41	49	W	5	C	29.30	-09	43	41	-7	W	3	0	2	54	41	0.04		
†Shields	29.47	54	W	7	C	29.36	-17	46	44	-6	W	3	0	2	55	44			
Spurn Head	29.62	49	W	5	C	29.45	-25	51	50	+5	W	5	0	3	52	44	0.02		
York	29.61	54	W	6	C	29.43	-28	53	51	+2	W	5	0	4	55	49	0.03		
Loughborough	29.75	54	W	5	C	29.54	-20	52	51	+2	W	6	0	4	54	50	0.01		
†Ardrossan	29.64	49	W	4	C	29.36	-14	45	43	-5	W	5	0	3	52	43	0.21		
†Mullaghmore	29.65	49	W	5	C	29.51	-12	45	43	-10	W	5	0	3	55	43	0.21		
Donaghadee																			
Parsonstown	29.77	53	W	4	A	29.65	-20	46	42	-6	W	1	0	4	53	44	0.21		
Barrow-in-Furness																			
†Holyhead	29.77	52	W	3	A	29.54	-25	47	46	-5	W	4	0	4	53	46	0.10		
Liverpool (Bidston)	29.62	52	W	6	C	29.46	-20	48	47	-3	W	5	0	5	55	48	0.05		
†Valencia	29.88	53	W	7	C	29.81	-18	46	45	-8	W	6	0	6	55	46	0.52		
Roche's Point	29.90	52	W	6	C	29.71	-29	47	46	-5	W	6	0	4	55	46	0.12		
Pembroke																			
†Scilly	30.09	52	W	7	C	29.84	-34	53	53	0	W	7	0	6	54	51	0.08		
Prawle Point	30.08	51	W	5	C	29.81	-29	51	51	0	W	7	0	6	53	49	0.11		
Hurst Castle	29.96	49	W	6	C	29.80	-23	50	50	+1	W	8	0	6	51	48	0.06		
†Dover	29.89	51	W	4	C	29.79	-18	49	48	+4	W	6	0	4	52	45	0.03		
†London	29.88	54	W	5	C	29.72	-23	52	50	+3	W	6	0	4	55	49			
Oxford	29.87	52	W	6	C	29.67	-27	52	51	+2	W	5	0	4	54	50	0.01		
Cambridge	29.81	53	W	2	C	29.62	-28	53	51	+5	W	2	0	4	55	49			
†Yarmouth	29.72	51	W	5	C	29.60	-24	52	50	+9	W	5	0	3	53	42			
The Helder																			
Cape Gris Nez	29.82	50	W	8	C	29.84	-14	49	49	0	W	8	0	6	54	45	0.08		
†Jersey	30.14	51	W	6	C	29.96	-22	51	51	0	W	7	0	5	53	50	0.03		
Brest	30.18	53	W	7	C	30.08	-24	53	52	0	W	7	0	5	54	50	0.08		
Lorient	30.30	53	W	7	C	30.14	-18	52	51	-1	W	5	0	5	55	48			
†Rochefort	30.42	52	W	5	C	30.33	-14	51	49	+1	W	4	0	2	55	43			
Biarritz	30.48	54	W	4	C	30.24		52	51		W	5	0	2	59	50	0.04		
Corunna																			
Brussels						29.85	-19	51	50	+12	W	7	0	4	54	47	0.74		
Charleville	30.01	47	W	1	C	29.97		47	43	+10	W	1	0	4	47		0.32		
Paris	30.19	50	W	3	C	30.10	-11	51	50	+7	W	2	0	4					
Lyons	30.36	47	W	1	C	30.32	-04	49	40	+2	W	1	0	4	44		0.23		
Toulon	30.25	48	W	8	C	30.24		48	41		W	5	0	5	50	43			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.29	48	W	7	C	28.27	-04	43	43	-2	W	5	0	4	48	42	0.91		

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

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.18	38	37	SE	8	A	Valencia	29.93	54	53	W	7	0
Sumburgh Head	28.84	43	43	SE	3	A	Scilly	30.13	54	52	W	7	0
Stornoway	29.15	47	45	W	9	Q	Dover	29.89	47	46	W	4	0
Aberdeen	29.20	50	47	W	3	B	London	29.89	55	50	W	4	0
Shields	29.47	55	52	W	7	0	Yarmouth	29.72	51	47	W	4	0
Ardrossan	29.49	52	51	W	4	0	Jersey	30.15	52	51	W	7	0
Mullaghmore	29.63	52	51	W	6	Q	Rochefort	30.44	54	54	W	5	0
Holyhead	29.76	52	51	W	4	0							

The barometer continues to fall at all but on NW stations and strong W winds are reported in most places with a gale at Stornoway. Cloudy weather prevails at all stations excepting Aberdeen, Dover, and Yarmouth. The sea is moderate at Holyhead, slight at Dover.

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

SATURDAY, 15TH DECEMBER.

1883.

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 2^d per quarter.*
D^s D^s Bookpost 5^d 1^d



ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on

Saturday 15th DECEMBER

1883

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Iso-bars are drawn for each tenth of an inch.

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

Wind. Arrows show the prevalent winds.

They fly with the wind, and their barbs

and feathers refer to force, thus:

→ 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,

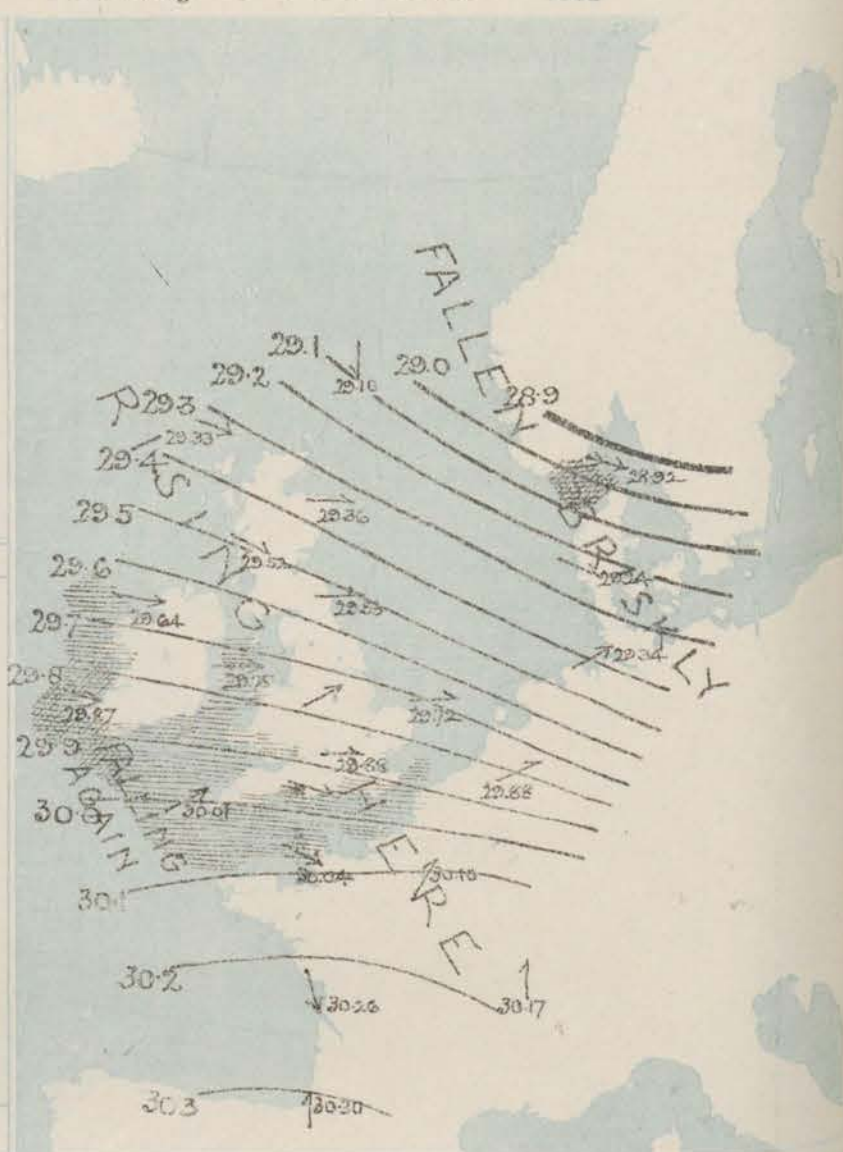
thus - Rough - High

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of December

Stations	Mean Readings
Sumburgh Head	29.680
Stornoway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.780
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.810
Dunghadue	29.832
Holyhead	29.868
Liverpool	29.882
Valencia	29.878
Rock's Point	29.889
Pembroke	29.897
Sally	29.943
Bur's Castle	29.938
Dover	29.972
LONDON	29.973
Oxford	29.937
Cambridge	29.956
Wormouth	29.972

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature. Isotherms are drawn for each 10°

Changes in temperature since previous morning

are stated in words.

Weather. Letters of the Beaufort Scale show state

of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in

which rain has fallen from those where there has

been none.

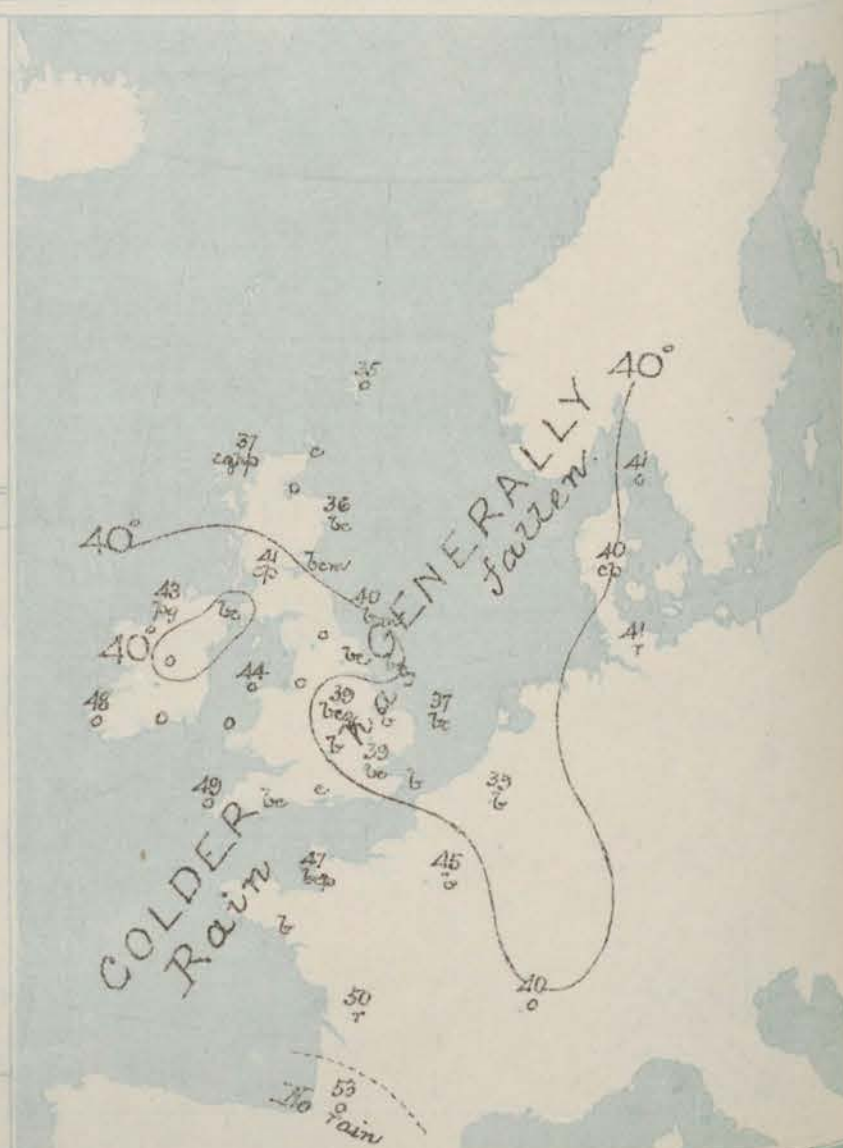
Falls of 0.6 in. or more are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL

for the month of December

Stations	Temp.	Rainfall
Sumburgh Head	39.0	4.13
Stornoway	38.9	5.61
Wick	37.6	3.31
Nairn	36.8	7.01
Aberdeen	36.9	5.92
Leith	38.4	1.05
Shields	39.2	0.103
York	36.2	2.64
Ardrossan	40.1	6.77
Dunghadue	40.1	2.86
Holyhead	42.9	1.07
Liverpool	39.1	2.89
Valencia	44.7	6.08
Rock's Point	42.9	4.89
Pembroke	43.7	4.36
Sally	47.2	6.16
Bur's Castle	40.6	2.98
Dover	46.4	3.67
LONDON	38.2	2.28
Oxford	37.3	2.19
Cambridge	36.5	2.62
Wormouth	37.9	2.39

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880, the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Saturday 15th December 1883 at 8 a.m.

The large depression which lay to the northward of Scotland yesterday has moved on to Scandinavia, and the barometer has consequently risen over the greater part of our Islands, while it has fallen on the eastern shores of the North Sea. In the west of Ireland a new but apparently slight fall has set in during the night. The wind is still fresh or strong from the Wnd on all the more exposed parts of our coasts. The weather is fine in the east and south-east of our Islands, but overcast in the south-west, and showing in the north-west as well as in Denmark. In the course of the past 24 hours rain has fallen in nearly all places and snow, sleet, or hail showers at many of the Scotch stations. Temperature has fallen generally - quickly over England readings range from 49° at Selly to 35° at Sunninghead, Wick, and Kairns. The sea is rough on our western and southern coasts, but slight in the east.

The fall in the west seems to indicate that a new depression is about to advance over Ireland and England, and a further increase of the Wnd wind is therefore probable in the Channel.

FORECASTS

for the 24 hours ending at Noon
on the
16th DECEMBER.

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

MAP SHOWING DISTRICTS



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

Wnd and NWnd winds, fresh or strong; changeable, some showers.

6 SCOTLAND WEST

Wnd winds, fresh or strong; cloudy, some showers.

2 SCOTLAND EAST

-----D-----D-----D-----

7 ENGLAND N.W.

-----D-----D-----D-----

3 ENGLAND N.E.

SWnd and Wnd winds, fresh, fine to unsettled and rainy.

8 ENGLAND S.W.

Wnd strong winds and gales; cloudy, rain at times.

4 ENGLAND EAST

-----D-----D-----D-----

9 IRELAND NORTH

Wnd or NWnd winds, strong; unsettled, showery.

5 MIDLAND COUNTIES

-----D-----D-----D-----

10 IRELAND SOUTH

-----D-----D-----D-----

6 ENGLAND SOUTH

Wnd winds, strong, a gale on coast; fine to unsettled and rainy.

WARNINGS

The south cone is still flying on all our coasts.

METEOROLOGICAL OBSERVATIONS FOR

15th DEC.

1888

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 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.	Dry.	Wet.	Difference from 8 a.m. yesterday.	WIND.		Weather.	Sea (0 to 8).	SHADE TEMP.		Amount of Rain (in).
			Dir.	Force (0 to 12).									Dir.	Force (0 to 12).			Max.	Min.	
Haparanda	28.86	30	S	4	S	28.82	-33	30	30	0	3	0	3	0	C	5	32	30	0.16
Hernösand	28.80	34	W	0	6	28.80	-17	1	?	?	?	?	20	0	C	5	36	23	0.04
Stockholm	28.93	39	WSW	2	0	28.84	-21	36	35	0	WSW	4	0	0	C	5	41	30	-
Wisby	29.05	41	SW	8	0	28.97	-25	40	38	-1	W	6	6	6	C	5	43	33	-
Bodö	28.69	28	E	2	C	28.72	-12	29	27	-1	E	2	C	1	C	1	30	25	-
Christiansund	28.57	40	WSW	3	0	28.80	+14	38	35	-2	W	6	C	5	C	5	41	32	0.43
Skudesnaes	28.91	43	W	8	0	29.02	+04	41	31	-4	WNW	6	0	5	C	5	45	?	0.08
Oslo (Kristiansund)	28.97	40	W	4	6	28.83	-25	41	40	-2	W	6	0	4	C	4	43	37	0.08
Skagen (The Skaw)	28.98	40	W	4	0	28.92	-27	41	40	-1	WNW	5	0	7	C	7	43	37	0.04
Fanö	29.15	42	W	4	C	29.24	+16	40	39	-3	WNW	4	4	4	C	4	45	37	0.35
Cuxhaven	29.36	42	WSW	6	N	29.34	-19	41	41	-6	WSW	7	N	4	C	4	?	38	?
Sumburgh Head	29.80	41	W	6	0	29.10	+25	38	34	-7	W	4	0	4	C	4	44	33	0.23
Stornoway	29.11	38	W	6	q, sh	29.53	+20	37	36	-3	WNW	5	4	4	C	4	41	35	0.17
Wick	29.06	36	WNW	5	C	29.25	+16	35	32	-3	WNW	5	C	3	C	3	40	33	0.14
Nairn	29.18	35	W	3	C	29.37	+19	38	34	-5	W	4	0	2	C	2	42	34	0.09
Aberdeen	29.19	37	WSW	4	C	29.86	+13	36	34	-1	W	3	C	1	C	1	42	33	0.06
Leith	29.39	41	W	3	C	29.47	+17	39	37	-4	W	1	C	1	C	1	44	37	0.01
Shields	29.37	40	W	6	C	29.53	+17	40	37	-6	W	4	C	2	C	2	46	37	0.03
Spurn Head	29.45	43	W	7	C	29.63	+18	41	39	-10	W	6	C	3	C	3	51	37	0.04
York	29.46	42	W	7	C	29.65	+22	41	39	-12	W	5	C	3	C	3	54	38	0.06
Loughborough	29.64	41	W	5	C	29.73	+19	39	36	-13	WSW	6	C	3	C	3	54	38	0.10
Ardrossan	29.40	41	WNW	5	C	29.52	+16	41	41	-4	WNW	4	C	3	C	3	45	39	0.35
Mullaghmore	29.65	41	W	7	C, q, sh	29.64	+13	42	42	-2	W	6	C	5	C	5	46	39	0.27
Donaghadee	29.58	39	W	6	C	29.65	+17	37	36	-6	W	6	C	4	C	4	43	36	0.05
Parsonstown	29.80	37	W	0	C	29.78	+13	40	39	-5	W	1	0	0	C	0	47	36	0.10
Barrow-in-Furness																			
Holyhead	29.76	43	WNW	7	C, q	29.75	+21	44	40	-3	W	5	0	5	C	5	47	41	0.06
Liverpool (Bidston)	29.59	43	WSW	7	0	29.71	+25	41	39	-7	WSW	5	0	4	C	4	48	41	0.06
Valencia	29.93	45	WNW	6	C, q	29.87	+06	48	46	+2	WNW	6	0	7	C	7	50	41	0.15
Roche's Point	29.88	43	WNW	4	C	29.88	+17	44	42	-3	W	4	0	4	C	4	52	40	0.08
Pembroke	29.79	49	W	6	C	29.85	+29	47	44	-5	WSW	6	0	5	C	5	52	45	0.02
Scilly	29.94	50	WNW	6	C	30.01	+17	49	45	-4	WSW	6	0	6	C	6	53	45	0.04
Prawle Point	29.91	46	W	5	N	29.99	+18	44	42	-7	W	4	C	5	C	5	52	40	0.28
Hurst Castle	29.89	47	W	5	C	29.94	+14	43	41	-7	WNW	4	C	5	C	5	51	41	0.05
Dover	29.73	38	W	5	C	29.87	+08	39	37	-10	W	4	C	3	C	3	53	38	0.06
London	29.75	46	W	5	C	29.88	+16	39	37	-13	W	4	C	3	C	3	54	38	0.03
Oxford	29.79	42	W	4	C	29.85	+18	38	36	-14	WSW	4	C	3	C	3	54	37	0.02
Cambridge	29.65	45	W	3	C	29.79	+17	37	35	-16	SW	1	C	3	C	3	55	35	-
Yarmouth	29.55	45	WNW	5	C	29.72	+12	37	36	-15	W	4	C	4	C	4	54	36	0.01
The Heider																			
Cape Gris Nez																			
Jersey	29.96	50	WNW	5	C	30.04	+08	47	45	-4	WNW	5	C	5	C	5	52	44	0.23
Brest																			
Lorient	30.07	53	WNW	5	M	30.12	-02	49	47	-3	WNW	4	C	3	C	3	55	45	0.04
Rochefort	30.27	51	SW	5	0	30.26	-07	50	50	-1	WNW	5	N	2	C	2	55	45	0.24
Biarritz	30.31	52	W	3	C	30.30	-04	53	49	+1	S	4	0	2	C	2	59	43	-
Corunna																			
Brussels						29.88	+03	39	37	-12	WSW	4	C	3	C	3	52	39	0.20
Charleville	28.83	49	W	4	N	29.93	-04	40	39	-7	W	4	C	3	C	3	49	?	0.52
Paris	29.97	48	SW	4	C	30.10	00	45	41	-6	SW	3	C	3	C	3			0.08
Lyons	30.21	44	N	1	0	30.17	-15	40	39	0	S	1	0	0	C	0	50	36	0.04
Toulon																			

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

Hawes Junction	28.25	36	WSW	4	N	28.38	+01	35	34	-8	W	5	0	0	C	0	43	32	0.40
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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 ...	29.01	44	40	WSW	6	0	5	Valencia ...	29.88	48	44	W	5	0.99	6
Sumburgh Head	28.76	42	40	W	8	0	7	Scilly ...	29.92	50	48	WNW	6	0	6
Stornoway ...	29.13	40	37	W	6	eq	5	Dover ..	29.63	50	50	WSW	5	0.04	5
Aberdeen ...	29.18	41	38	WSW	1	C	1	London ...	29.64	54	51	W	6	0.2	4
Shields ...	29.32	45	42	WSW	6	C	2	Yarmouth ...	29.45	53	52	W	6	0.29	4
Ardrossan ...	29.34	43	41	WNW	5	0	3	Jersey ...	29.88	52	52	WSW	8	0	6
Mullaghmore ...	29.55	42	40	WNW	7	eq sh	6	Rochefort ...	30.30	52	50	W	5	0	2
Holyhead ...	29.59	45	42	WNW	6	q	6								

The barometer is now rising again at all our W. stations, but continues to fall elsewhere. The wind appears to be moving somewhat in most places, but unsettled, rainy weather is still reported from all but our NE. coasts, where the sky is clear.

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 for insertion in chart



DAILY WEATHER REPORT

FOR

SUNDAY 16TH DECEMBER,

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE



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S. W.

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WEATHER CHARTS

for 8 a.m. on

Sunday 16th Dec:

1882

BAROMETER, WIND & SEA

Explanation of Map

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

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

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

— force above 8, — force 8 to 10
— force 5 to 7, — force 1 to 4

○— dead calm

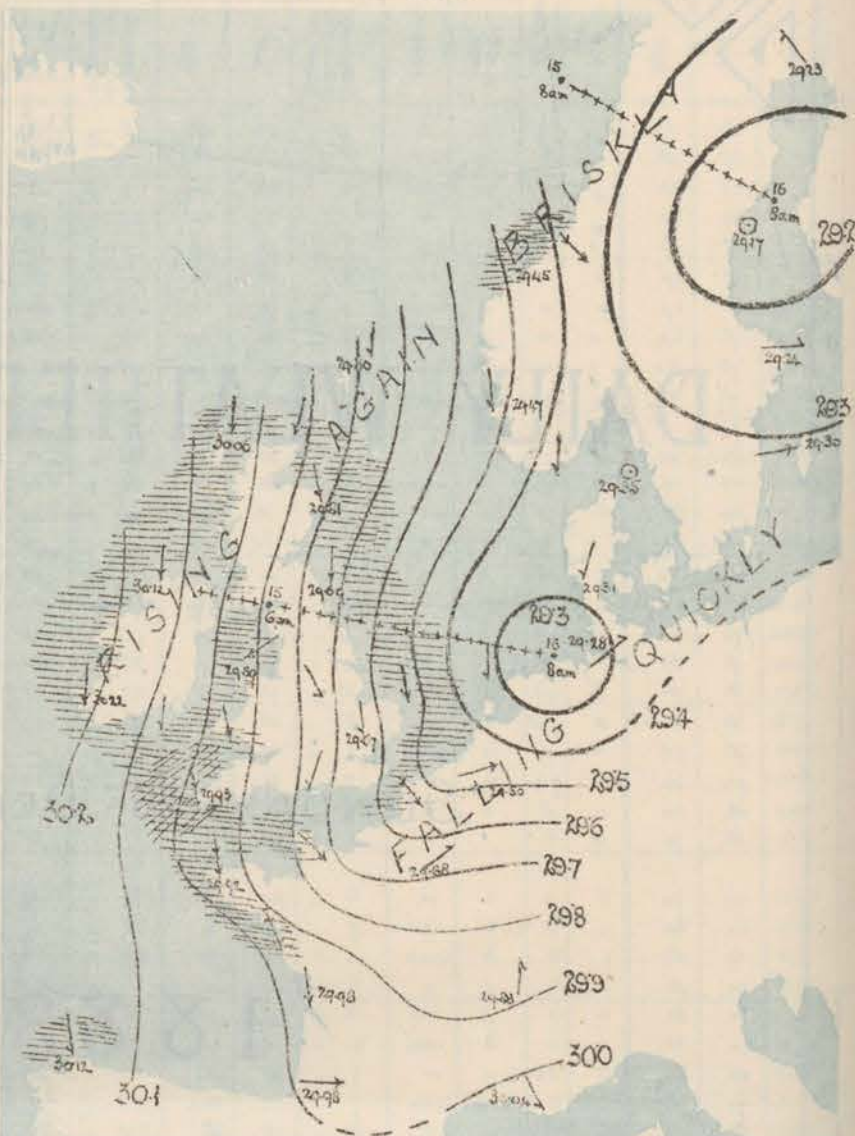
Sea Disturbance. where considerable is shown by shading round the coast, thus — Rough — High

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of December

Stations	Mean Readings
Sumburgh Head	29.580
Sarnoway	29.711
Wick	29.773
Nairn	29.791
Aburdeen	29.780
Inch	29.800
Shetland	29.836
York	29.877
Ardrumhan	29.810
Donaghadee	29.837
Holyhead	29.858
Liverpool	29.882
Balaena	29.879
Roche's Point	29.889
Pembroke	29.897
Killybegs	29.943
Harbour Castle	29.989
Dover	29.942
LONDON	29.974
Oxford	29.937
Cambridge	29.926
Bournemouth	29.892

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map

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

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

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

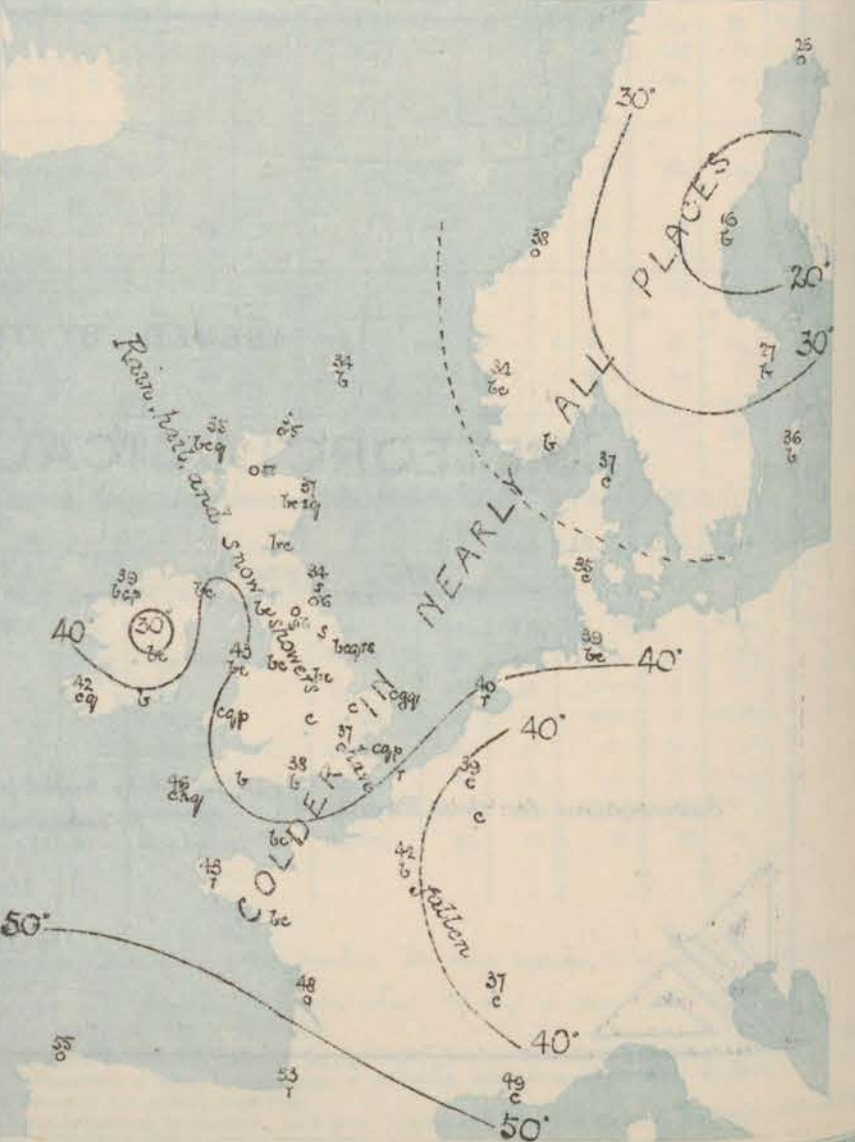
Falls of 0.6 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of December.

Stations	Temp.	Rainfall.
Sumburgh Head	39.0	4.13
Sarnoway	38.9	3.61
Wick	37.8	3.21
Nairn	36.9	2.17
Aburdeen	36.8	3.40
Inch	38.4	1.05
Shetland	39.2	0.03
York	36.2	2.14
Ardrumhan	36.1	4.17
Donaghadee	40.1	2.46
Holyhead	42.9	1.03
Liverpool	39.1	2.80
Balaena	44.7	6.05
Roche's Point	42.9	4.89
Pembroke	43.7	4.20
Killybegs	47.2	4.16
Harbour Castle	40.0	2.98
Dover	40.1	3.24
LONDON	36.1	1.28
Oxford	37.3	2.10
Cambridge	36.8	3.02
Bournemouth	37.8	2.29

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880, the mean amount of Rain, are mainly those for the 15 years 1866 to 1880.



REMARKS

For Sunday 16th December. 1883 at 8 a.m.

During the latter part of yesterday a depression was formed over our NW. coast, and strong W. winds were experienced over the N. and S. of our Islands. In the course of the night the depression has increased in depth and passed in an ESE^d direction over our Islands, its centre being now found over the N. of Holland, so that while the barometer is still falling at the SE^d and many of the Continental stations it is rising briskly in the N. and N. of our Islands. The wind has veered to the N^W generally, and blows with the force of a slight gale on many parts of our coasts. Changeable showery weather in most places and snow showers are falling at many of the N^W and E^W stations. Temperature has fallen several degrees and ranges from 46° at Scilly to 33° at York.

The sea is rough on nearly all parts of our coasts.

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

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

FORECASTS

NONE
ISSUED

WARNINGS

The N. cone was hoisted last evening
in districts 2, 3, 5, and 7 to 10

METEOROLOGICAL OBSERVATIONS FOR 16TH DEC^R 1882

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.				WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).	Max.			Min.				
Haparanda	28.91	31	X	0	0	29.23	+ .32	26	26	—	4	SE	2	0	6	32	29	—		
Hermösand	28.92	26	X	0	0	29.17	+ .25	16	15	—	2	X	0	0	3	27	10	—		
Stockholm	28.90	25	NNW	4	0	29.24	+ .34	27	26	—	9	W	2	0	3	29	25	—		
Wisby	29.01	40	W	8	0	29.30	+ .29	36	31	—	4	W	6	0	3	41	29	0.16		
Bodo																				
Christiansund	29.10	37	NE	4	0	29.45	+ .35	38	25	—	0	NNW	8	0	6	2	32	0.24		
† Skudesnæs	29.21	36	Z	0	0	29.47	+ .26	34	32	—	4	NNW	4	0	3	41	29	—		
Oxö (Xiansund)	29.21	39	W	6	0	29.32	+ .11	31	28	—	10	N	4	0	3	2	28	—		
Skagen (The Skaw)	29.20	37	NNW	4	0	29.35	+ .15	37	34	—	4	Z	0	0	0	41	34	—		
Faro	29.38	38	NNW	4	0	29.31	+ .07	35	35	—	5	NNE	2	0	3	42	34	0.04		
Cuxhaven	29.38	40	NNW	6	0	29.28	— .10	39	39	—	2	SW	3	0	3	41	36	0.42		
† Sumburgh Head	29.30	36	N	3	0	29.30	+ .00	34	31	—	1	N	4	0	3	36	30	0.12		
† Stornoway	29.42	38	NE	5	0	30.06	+ .64	35	34	—	2	N	4	0	5	41	31	0.18		
Wick	29.33	36	N	5	0	29.94	+ .61	34	33	—	1	NNE	4	0	5	37	33	0.45		
Nairn	29.36	35	NNW	4	0	29.96	+ .60	34	33	—	1	NNW	4	0	5	37	33	0.05		
† Aberdeen	29.33	34	WSW	1	0	29.81	+ .48	37	34	—	1	NNW	7	0	6	37	32	0.16		
Leith	29.39	39	W	1	0	29.88	+ .49	37	34	—	2	NNW	1	0	3	40	34	0.04		
† Shields	29.39	41	S	3	0	29.69	+ .30	34	34	—	6	N	7	0	5	42	31	0.55		
Spurn Head	29.39	42	SW	5	0	29.57	— .12	38	36	—	3	NNW	6	0	5	42	34	0.12		
York	29.40	41	S	3	0	29.70	+ .30	38	33	—	8	NNW	3	0	3	45	32	0.12		
Loughborough	29.45	43	SW	6	0	29.72	— .07	36	33	—	3	NNW	4	0	3	44	35	0.03		
† Ardrossan	29.35	42	E	2	0	29.90	+ .55	36	34	—	5	NNW	3	0	2	46	34	0.17		
† Mullaghmore	29.37	43	NNW	7	0	30.02	+ .65	39	37	—	4	N	6	0	5	46	39	0.30		
Donaghadee	29.38	38	W	5	0	29.96	+ .58	37	37	—	4	NE	4	0	5	42	37	0.15		
Parsonstown	29.32	41	NNW	5	0	30.09	+ .77	34	33	—	6	NNW	1	0	3	46	33	0.25		
Barrow-in-Furness	29.38	42	W	5	0	29.84	+ .46	35	33	—	8	NNW	4	0	4	44	35	0.21		
† Holyhead	29.49	43	W	5	0	29.82	+ .33	42	37	—	1	NE	6	0	6	46	34	0.24		
Liverpool (Oldston)	29.44	40	WSW	5	0	29.82	+ .38	38	34	—	3	NNW	5	0	4	44	38	0.11		
† Valencia	29.50	44	NNW	4	0	30.22	+ .72	42	40	—	6	N	6	0	6	50	40	0.32		
Roche's Point	29.70	43	NNW	5	0	30.09	+ .39	41	38	—	3	N	4	0	4	49	39	0.10		
Pembroke	29.59	49	W	7	0	29.91	+ .32	40	39	—	7	NNW	7	0	6	49	40	0.26		
† Scilly	29.79	50	W	8	0	29.93	— .06	43	41	—	2	NNW	9	0	7	51	43	0.08		
Prawle Point	29.73	48	WSW	8	0	29.84	— .11	38	37	—	6	NNW	3	0	4	49	37	0.19		
Hurst Castle	29.68	47	WSW	7	0	29.73	— .05	38	36	—	5	NNE	4	0	4	50	36	0.08		
† Dover	29.67	45	W	4	0	29.52	— .15	39	37	—	0	N	5	0	2	46	37	0.10		
† London	29.61	46	SW	5	0	29.67	— .06	37	36	—	2	NNW	4	0	3	48	37	0.03		
Oxford	29.55	43	SW	5	0	29.74	— .19	37	35	—	1	NNW	3	0	3	45	35	0.09		
Cambridge	29.46	43	SW	1	0	29.66	— .20	36	36	—	1	NNW	2	0	3	45	34	0.12		
† Yarmouth	29.56	41	SW	4	0	29.53	— .03	39	37	—	2	NNW	5	0	5	43	36	0.31		
The Helder	29.51	43	SW	3	0	29.34	— .17	40	39	—	3	N	4	0	3	45	39	0.28		
Cape Gris Nez	29.70	46	W	8	0	29.58	— .12	40	40	—	4	NNW	8	0	6	48	39	0.24		
† Jersey	29.84	47	W	5	0	29.77	— .07	43	41	—	4	NNW	7	0	5	49	41	0.12		
Brest	29.98	49	NNW	7	0	29.92	— .06	43	41	—	4	NNW	8	0	5	52	39	0.08		
Lorient	30.00	50	NNW	7	0	29.93	— .07	45	42	—	4	NNW	8	0	5	54	41	0.02		
† Rochefort	30.16	50	WSW	4	0	29.95	— .21	45	46	—	2	NNW	7	0	2	55	37	0.08		
Biarritz	30.17	55	W	3	0	29.98	— .22	53	51	—	0	W	7	0	3	57	50	0.12		
Corunna	30.12	55	W	3	0	30.12	— .00	55	51	—	6	NNW	4	0	5	57	43	0.32		
Brussels	30.10	55	W	3	0	29.50	— .38	39	38	—	0	WSW	4	0	3	45	38	0.20		
Charleville	29.88	41	W	4	0	29.87	— .01	40	39	—	0	W	4	0	3	45	39	0.20		
Paris	30.00	46	WSW	4	0	29.68	— .32	42	39	—	3	SW	4	0	3	45	39	0.02		
Lyons	30.10	44	ESE	1	0	29.88	— .22	37	36	—	3	S	1	0	3	42	36	0.04		
Toulon	30.10	42	W	5	0	30.04	— .06	49	45	—	2	NNW	4	0	4	54	45	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.13	35	WSW	3	0	28.08	+ .05	31	29	—	4	N	5	0	3	37	28	0.66		

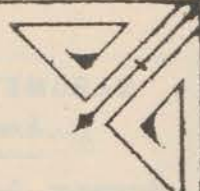

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

YESTERDAY'S 2 P.M. REPORTS AND FORECASTS.															
	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.40	40	27	NNW	2	0	4	Valencia ...	29.78	45	45	WSW	6	comp	6
Sumburgh Head	29.21	36	34	NNE	4	0	4	Scilly ...	29.90	50	48	W	7	comp	3
Stornoway ...	29.32	40	35	NNW	4	0	2	Dover ..	29.81	44	41	WSW	4	comp	0
Aberdeen ...	29.34	38	36	WSW	1	0	1	London ...	29.77	45	42	SW	4	comp	4
Shields ...	29.47	43	29	W	3	0	2	Yarmouth ...	29.69	42	39	WSW	4	comp	5
Ardrossan ...	29.37	42	42	SSW	4	0	4	Jersey ...	29.95	49	47	WSW	5	comp	2
Mullaghmore ...	29.45	45	41	W	4	0	6	Rochefort ...	30.22	55	53	NNW	3	comp	
Holyhead ...	29.54	45	43	WSW	5	0	5								

Very little change has occurred since 8 a.m. beyond the advent of a shallow subsiding disturbance from the W. This is likely to produce rain over England tonight and some freshening of the wind. Sea is still rough in the W. but is little disturbed elsewhere.

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

FOR

MONDAY, 17TH DECEMBER.

1883.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


S. W.

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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Monday, 17th DECEMBER, 1883

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;

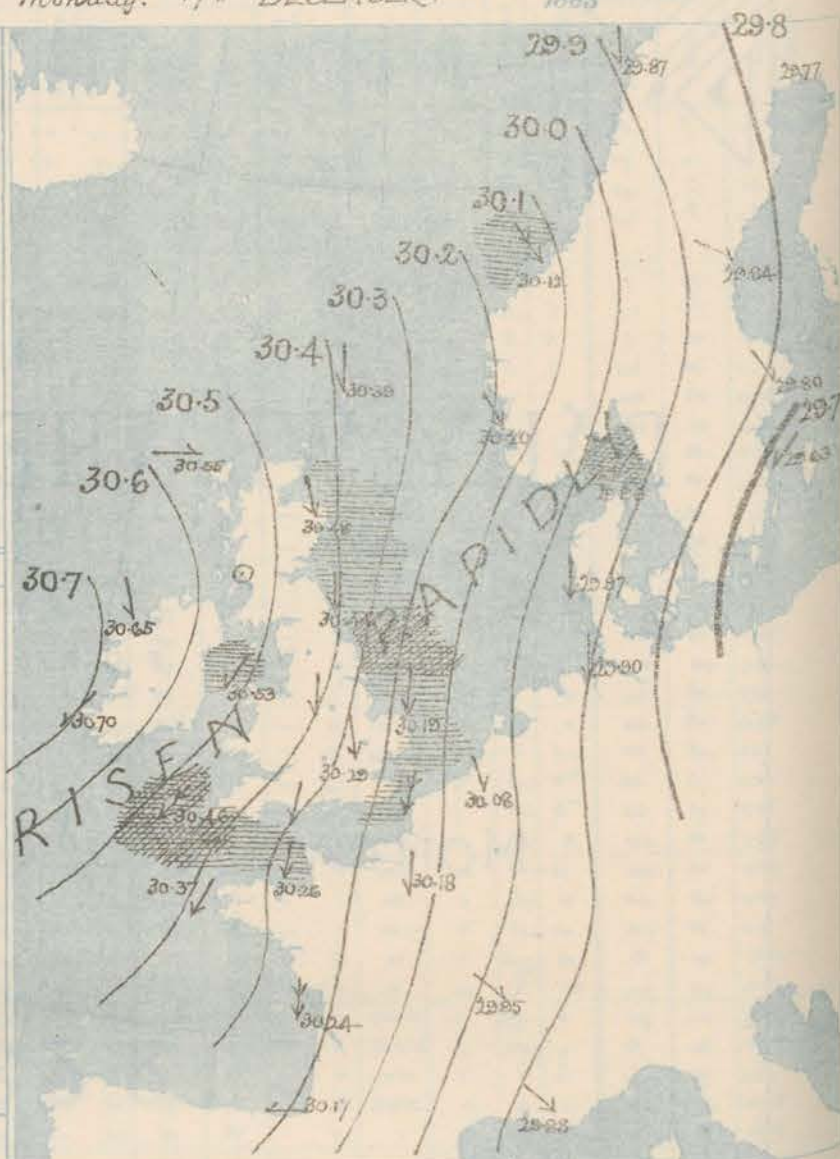
thus — Rough; — High.

MEAN^s HEIGHT of the BAROMETER

at 8 a.m. for the month of December.

Stations.	Mean Readings
Sumburgh Head	29.580
Stornoway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.760
Leith	29.800
Glasgow	29.836
York	29.877
Ardrossan	29.810
Dunghaden	29.832
Holyhead	29.858
Liverpool	29.882
Valencia	29.878
Roches Point	29.889
Pembroke	29.897
Sally	29.943
Harst Castle	29.938
Dover	29.942
LONDON	29.931
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902

* These means are for the 10 years 1871 to 1880.



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.

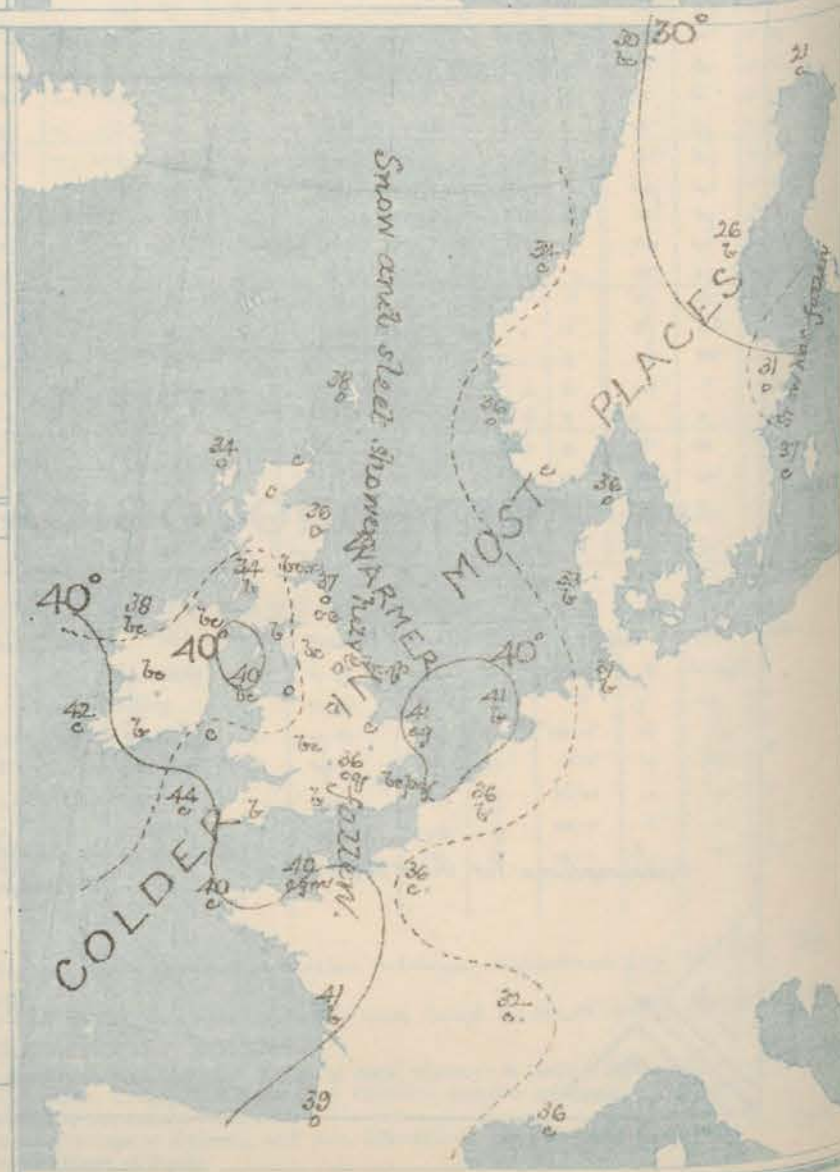
Falls of 0.5 in. or more, are quoted in figures.

MEANS^s OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of December

Stations.	Temp.	Rainfall.
	°	ins.
Sumburgh Head	39.0	4.13
Stornoway	38.9	5.61
Wick	37.8	3.21
Nairn	36.9	2.01
Aberdeen	36.9	3.42
Leith	38.4	1.95
Glasgow	38.2	0.03
York	36.2	2.64
Ardrossan	40.1	4.17
Dunghaden	40.1	2.65
Holyhead	42.9	4.05
Liverpool	39.1	2.89
Valencia	44.7	6.05
Roches Point	42.9	4.89
Pembroke	43.7	4.25
Sally	47.2	4.18
Harst Castle	40.6	2.98
Dover	40.0	3.51
LONDON	36.1	2.28
Oxford	37.3	2.19
Cambridge	36.3	2.04
Yarmouth	37.9	2.89

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880, the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Monday 17th December 1863 at 8 a.m.

The depression whose centre lay over the north of Scotland yesterday has entirely disappeared from our area, and a brisk rise of the barometer has taken place generally; at Valencia the reading is now as high as 30.7 in. In the north of Scotland, however, there has been a considerable slackening of the rise since 10 p.m. so that conditions are still rather unsettled. Nth breezes are again reported from all ~~our~~ but our extreme northern coast, where the wind has backed to NN or W. In the East and south of England strong breezes are general, and at Spurn Head there is a fresh gale. In the course of yesterday very strong Nth squalls were experienced over the whole of Ireland and England. The weather is showery on our E and SE coast, but generally fine elsewhere. Snow showers prevailed yesterday in many parts of the country. Temperature has fallen a little at the Sth and Continental stations, and readings now range from 44 at Scilly to 38 at Farnmouth. The sea is rough on all the more exposed part of our coast. The slackening of the barometrical rise, and backing of the winds in the extreme north, probably indicate that a new depression is approaching the Scotch coast.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

18th DECEMBER.

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

DISTRICTS

FORECASTS

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

NWth winds, moderate to strong; cloudy, some snow showers.

-----D-----D-----D-----

Same as N^o 5.

Same as N^o 5.

Same as N^o 5.

Nth winds, strong and gusty; changeable, some snow or sleet showers.

DISTRICTS

FORECASTS

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

Nth or NEth winds, fresh; fine to unsettled and showery.

-----D-----D-----D-----

Nth winds, fresh; fair generally.

Same as N^o 6 and 7.

Same as N^o 8.

The N. cone was hoisted on Saturday evening in districts 2, 3, and 5 to 10, but has been lowered this morning in districts 7 to 10.

METEOROLOGICAL OBSERVATIONS FOR

DEC. 17TH

1883

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	29.58	25	SE	2	0	29.77	+ 54	21	21	- 5	SE	4	0	*	27	9	-
Hernösand	29.62	28	N	3	0	29.84	+ 67	26	24	+ 10	NW	4	0	*	28	12	0.04
Stockholm	29.51	23	N	2	0	29.80	+ 56	31	30	+ 4	N	4	0	*	36	21	-
Wisby	29.43	31	S	4	0	29.63	+ 33	37	33	+ 1	NE	4	0	*	37	30	-
Bodö	29.67	28	ESE	2	0	29.87		30	28		N	4	0	*	30	27	-
Christiansund	29.95	33	N	7	0	30.12	+ 67	34	32	- 4	NW	8	0	5	39	28	0.08
†Skudesnaes	29.84	37	NNW	8	0	30.20	+ 73	36	31	+ 2	NNW	6	0	4	37	34	-
Oxö (Christiansund)	29.66	37	NNW	4	0	30.06	+ 74	35	30	+ 4	NNW	4	0	3	37	3	-
Skagen (The Skaw)	29.61	38	NE	6	0	29.96	+ 61	36	33	- 1	NE	7	0	7	41	34	-
Fanö	29.64	34	NW	3	0	29.97	+ 66	33	32	- 2	N	6	0	*	36	32	-
Cuxhaven	29.36	38	N	6	0	29.90	+ 62	37	36	- 2	N	5	0	*	37	34	0.02
†Sumburgh Head	30.13	36	N	5	0	30.39	+ 59	38	35	+ 4	N	4	0	3	38	31	0.01
†Stornoway	30.43	34	N	4	0	30.55	+ 49	34	33	- 1	N	3	0	3	38	32	0.07
Wick	30.25	36	N	4	0	30.49	+ 50	34	33	0	NW	1	0	1	37	32	0.14
Nairn	30.36	35	NNW	6	0	30.54	+ 58	35	34	+ 1	NW	2	0	4	37	34	0.02
†Aberdeen	30.21	36	NNW	4	0	30.48	+ 67	36	34	- 1	NNW	5	0	5	38	33	0.10
Leith	30.21	37	NW	3	0	30.48	+ 60	36	33	- 1	NW	1	0	*	40	34	-
†Shields	30.06	39	N	8	0	30.44	+ 75	37	36	+ 3	N	5	0	6	40	31	0.58
Spurn Head	29.89	42	N	8	0	30.26	+ 69	40	37	+ 2	NNE	8	0	7	42	32	0.21
York	30.01	35	NNW	5	0	30.40	+ 70	35	34	+ 2	N	4	0	*	37	33	0.23
Loughborough	30.05	37	NNW	6	0	30.39	+ 67	35	34	- 1	N	4	0	*	39	33	0.04
†Ardrossan	30.33	36	W	0	0	30.57	+ 64	34	33	- 2	W	0	0	0	41	34	-
†Mullaghmore	30.48	41	NNE	6	0	30.65	+ 53	38	36	- 1	NNW	1	0	3	42	38	0.02
Donaghadee	30.33	41	NNE	8	0	30.58	+ 62	40	37	- 1	NNE	5	0	3	42	39	-
Parsonstown	30.48	35	NW	1	0	30.66	+ 57	30	29	- 4	NNW	1	0	*	40	29	-
Barrow-in-Furness	30.20	37	N	2	0	30.47	+ 63	35	33	0	N	3	0	3	40	34	-
†Holyhead	30.23	41	NNE	6	0	30.53	+ 64	40	35	- 3	NNE	5	0	5	44	37	-
Liverpool (Bidston)	30.21	38	NW	4	0	30.50	+ 68	37	33	- 1	NNW	3	0	3	39	36	-
†Valencia	30.53	43	NNE	5	0	30.70	+ 48	42	40	0	NE	3	0	4	46	39	0.02
Roche's Point	30.41	37	NNW	5	0	30.64	+ 55	39	37	- 2	NNW	5	0	4	46	35	-
Pembroke	30.20	40	N	4	0	30.49	+ 58	38	34	- 2	NNE	3	0	3	43	36	0.07
†Scilly	30.19	41	N	9	0	30.46	+ 53	44	38	- 2	NE	8	0	7	46	37	0.31
Prawle Point	30.12	37	NNW	3	0	30.41	+ 57	34	32	- 4	NNW	4	0	3	44	33	-
Hurst Castle	30.00	37	N	6	0	30.30	+ 57	36	30	- 2	NNE	6	0	4	47	34	0.02
†Dover	29.82	38	N	5	0	30.15	+ 58	37	36	- 2	NNE	5	0	3	40	36	0.12
†London	29.92	38	NNW	6	0	30.29	+ 62	36	35	- 1	NNW	6	0	*	39	36	0.03
Oxford	30.11	36	N	6	0	30.36	+ 62	34	32	- 3	NNW	5	0	*	40	34	0.01
Cambridge	29.96	35	NW	3	0	30.26	+ 60	34	33	- 2	N	1	0	*	39	32	-
†Yarmouth	29.78	38	NNW	4	0	30.19	+ 66	41	37	+ 2	N	6	0	6	41	35	0.10
The Helder	29.74	41	N	3	0	30.04	+ 70	41	38	+ 1	N	4	0	3	43	39	0.04
Cape Gris Nez	29.78	38	N	8	0	30.13	+ 55	40	34	0	NNE	9	0	7	43	36	0.43
†Jersey	30.02	42	N	6	0	30.26	+ 49	40	38	- 3	NNE	7	0	5	45	39	-
Brest	30.15	44	N	7	0	30.37	+ 45	40	36	- 3	NNE	7	0	4	52	37	0.12
Lorient																	
†Rochefort	30.08	46	E	7	0	30.24	+ 26	41	37	- 7	N	8	0	4	54	36	-
Biarritz	30.06	46	N	4	0	30.17	+ 19	39	36	- 14	E	4	0	3	57	30	0.32
Corunna																	
Brussels						30.08	+ 58	36	34	- 3	NNW	1	0	*	41	35	0.08
Charleville	29.75	38	NW	4	0	30.01	+ 44	36	32	- 4	N	1	0	*	40	33	0.08
Paris	29.98	40	SW	4	0	30.18	+ 50	36	35	- 6	N	4	0	*			-
Lyons	29.86	38	NNE	3	0	29.95	+ 97	32	31	- 5	NW	4	0	*	47	32	0.16
Toulon	29.92	50	NW	5	0	29.88	- 16	36	34	- 13	NW	5	0	4	50	34	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,125 ft.) above M.S.L.																	
Hawes Junction	29.83	31	N	5	0	29.19	+ 66	29	28	- 2	N	6	0	0	32	28	0.02

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

Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnaes	29.64	37	34	NNW	6	Be	A				
Sumburgh Head											
Stornoway											
Aberdeen											
Shields											
Ardrossan											
Mullaghmore											
Holyhead											
Valencia											
Scilly											
Dover											
London											
Yarmouth											
Jersey											
Rochefort	30.01	48	44	NNW	7	Be	A				

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

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TUESDAY, 18TH DECEMBER.

1883.


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METEOROLOGICAL OFFICE

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ROBERT H. SCOTT

(SECRETARY.)



Printed by J. Longwood, 1, Abchurch Lane, London, E.C. 4.

WEATHER CHARTS

for 8 a.m. on

Tuesday, 18th DECEMBER.

1883

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^a HEIGHT of the BAROMETER

at 8 a.m. for the month of December.

Stations.	Mean Readings
Sumburgh Head	29.68
Stormway	29.70
Wick	29.71
Nairn	29.72
Aberdeen	29.73
Leith	29.80
Shedde	29.82
York	29.87
Ardrassan	29.88
Donaghadee	29.89
Ballyhead	29.90
Liverpool	29.92
Valencia	29.93
Roche's Point	29.94
Pembroke	29.97
Sally	29.98
Barr Castle	29.99
Dover	29.99
LONDON	29.99
Oxford	29.99
Cambridge	29.99
Vermouth	29.99

^a These means are for the 10 years 1871 to 1880.

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.

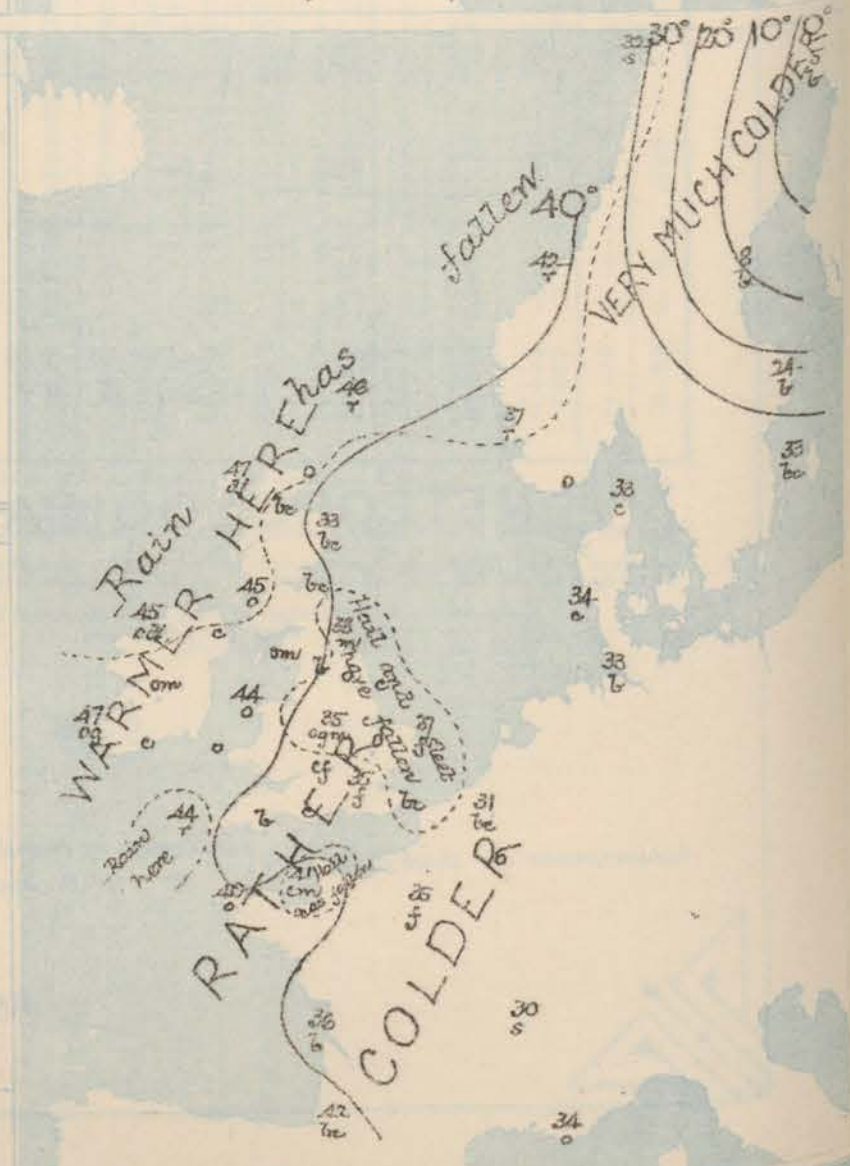
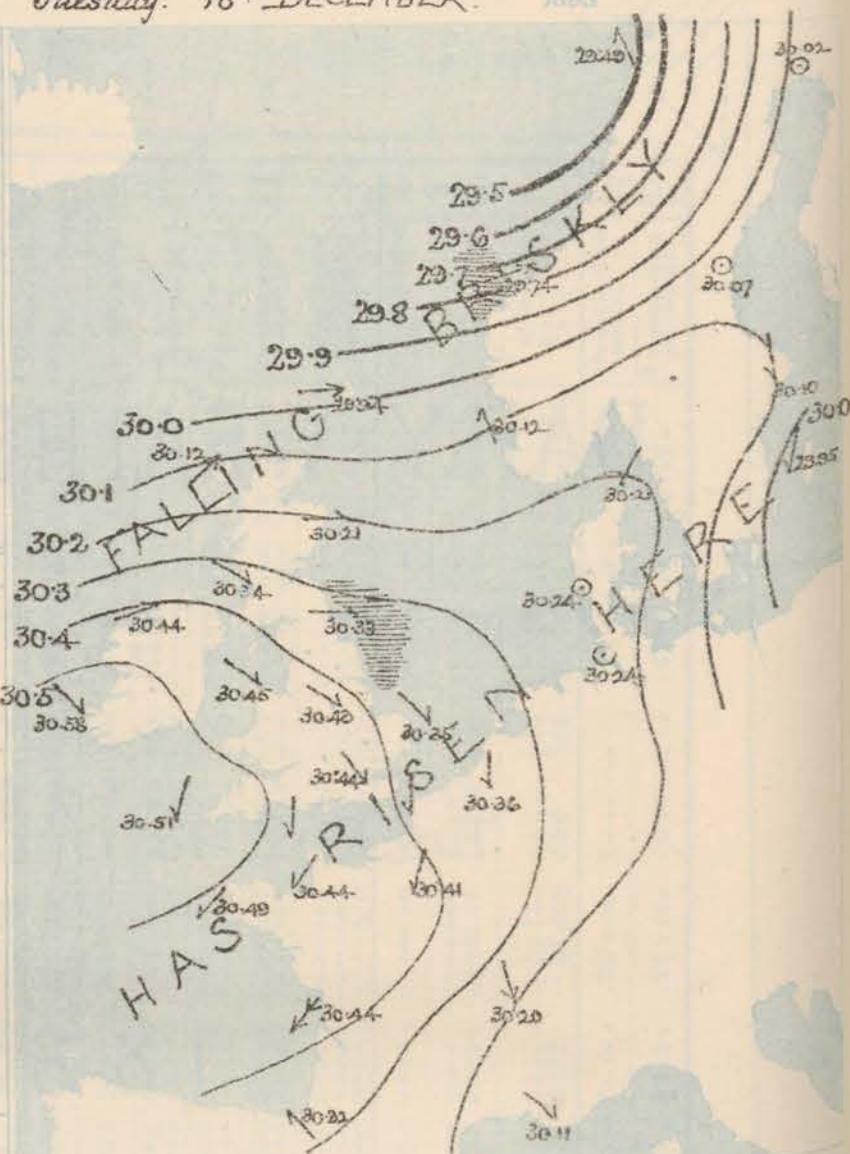
MEANS^a OF TEMPERATURE AT 8 A.M.

AND RAINFALL.

for the month of December.

Stations.	Temp.	Rainfall.
Sumburgh Head	39.0	4.72
Stormway	38.9	6.61
Wick	37.8	3.21
Nairn	36.9	2.01
Aberdeen	36.9	3.41
Leith	38.4	7.25
Shedde	38.2	0.00
York	36.2	2.67
Ardrassan	36.1	4.77
Donaghadee	40.7	2.65
Ballyhead	42.9	4.03
Liverpool	39.7	2.89
Valencia	44.7	6.05
Roche's Point	42.9	4.89
Pembroke	43.7	4.30
Sally	47.2	4.19
Barr Castle	40.8	2.88
Dover	40.0	3.61
LONDON	38.1	2.26
Oxford	37.3	2.10
Cambridge	36.3	2.02
Vermouth	37.9	3.99

^a These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Tuesday 18th December 1883 at 8 a.m.

Since yesterday morning the barometer has fallen at all our more northern stations, and a large depression is now lying off the west of Norway. The area of highest pressure is at present found over our south-west coast, and gradients over our northern coast are increasing steadily. Moderate W^{ly} breezes are reported from the west and north, but in the south the wind is light from the N^W while in France it is NE^{ly}. The weather is fast at nearly all our eastern and southern stations, but overcast elsewhere, with rain at Bumburgh Head, Stromway and Mullaghmore. Hail and snow showers fell in the E. of England yesterday. Temperature has risen several degrees in the W and N. but fallen a little in the south east; readings now range from 47° at Valencia to 33° at Aberdeen, and 32° at Oxford. The sea is rough off the east of England, moderate or light elsewhere.

In addition to the large disturbance which is lying off the west of Norway, there are some indications of the approach of a separate depression towards our extreme northern coast, and increasing, W² to NW³ winds are probable at all the more northern stations.

FORECASTS

for the 24 hours ending at Noon
on the

19TH DECEMBER

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

DISTRICTS		FORECASTS
1	SCOTLAND NORTH	SW ^{ly} to NW ^{ly} winds, increasing to a gale; unsettled, cold rain or sleet.
1	SCOTLAND EAST	W ^{ly} to NW ^{ly} winds, increasing considerably; fair to unsettled and showery.
2	ENGLAND N E	----- D ₁ ----- D ₂ ----- D ₃ -----
3	ENGLAND EAST	Same as No 5
4	MIDLAND COUNTIES	Same as No 5.
5	ENGLAND SOUTH	NW ^{ly} winds, freshening; fair to unsettled and showery.

DISTRICTS		FORECASTS
6	SCOTLAND WEST	W ³ to NW ³ winds, increasing to a gale; cloudy, some cold rain or sleet.
7	ENGLAND N.W.	D ³ D ³ D ³
8	ENGLAND S.W.	N ³ and NW ³ winds; fair generally.
9	IRELAND NORTH	Same as Nos 6 and 7.
10	IRELAND SOUTH	Same as No 8.
WARNINGS		The N. cone was hoisted last evening in districts 0 to 2 and part of 3, and warnings have been extended this morning to districts 6, 7 and 9.

METEOROLOGICAL OBSERVATIONS FOR

18th DEC.

1883

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 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 15).			Max.	Min.	
Haparanda	30.04	5	N	2	6	30.02	+25	-5	-5	-26	2	0	6	21	?	-	
Hernösand	30.01	20	NW	4	6	30.07	+23	8	8	-18	2	0	6	28	?	-	
Stockholm	29.98	26	N	6	6	30.10	+30	24	23	-7	4	6	6	32	21	-	
Wisby	29.68	31	N	8	6	29.98	+32	33	32	-4	4	6	6	39	?	0.08	
Bodö	30.05	27	SSW	2	0	29.99	+38	32	32	+2	4	5	5	?	25	-	
Christiansund	30.13	37	WSW	4	0	29.74	-38	42	40	+8	6	4	5	43	38	0.08	
Skudesnaes	30.28	35	N	0	6	30.12	-08	37	36	+1	4	4	3	?	?	0.04	
Oxö (Xiansund)	30.25	29	N	2	6	30.19	+13	30	27	-5	8	0	1	37	27	-	
Skagen (The Skaw)	30.22	37	NE	4	6	30.21	+25	38	31	-3	4	2	0	37	32	-	
Fanö	30.29	30	N	2	6	30.24	+27	34	32	+1	1	0	0	?	28	-	
Cuxhaven	30.06	35	NNE	5	0	30.14	+34	33	33	-4	2	0	6	?	30	-	
Sumburgh Head	30.26	43	W	3	0	29.94	-45	46	46	+8	5	4	4	46	35	0.08	
Stornoway	30.44	41	S	2	0	30.12	-43	47	47	+13	5	4	4	47	32	0.01	
Wick	30.26	37	NW	3	0	30.07	-42	41	40	+7	1	0	1	41	38	-	
Nairn	30.45	37	NW	2	0	30.17	-37	42	40	+7	2	6	3	42	35	-	
Aberdeen	30.45	37	W	2	0	30.21	-27	38	32	-3	4	6	2	38	32	-	
Leith	30.62	37	NW	1	m	30.25	-23	42	41	+6	4	2	6	42	35	-	
Shields	30.50	36	N	3	0	30.33	-11	38	37	+1	4	1	4	38	31	0.11	
Spurn Head	30.40	39	N	5	0	30.36	+10	36	34	-4	4	4	5	42	33	0.07	
York	30.40	35	N	2	0	30.40	+00	35	33	0	4	1	0	36	32	0.02	
Loughborough	30.49	34	N	2	6	30.43	+04	35	33	0	4	2	0	39	32	-	
Ardrossan	30.56	37	N	0	0	30.34	-23	45	44	+11	4	0	2	45	32	0.01	
Mullaghmore	30.64	44	NW	3	0	30.44	-21	45	44	+7	4	0	3	46	38	-	
Donaghadee	30.60	39	NW	3	0	30.43	-15	41	40	+1	3	0	1	42	38	-	
Parsonstown	30.68	39	N	0	0	30.50	-16	41	39	+11	1	0	0	41	30	-	
Barrow-in-Furness	30.53	35	N	1	0	30.39	-08	41	39	+6	4	2	0	41	35	-	
Holyhead	30.56	41	NE	3	0	30.45	-08	44	44	+4	4	3	0	45	36	-	
Liverpool (Bidston)	30.55	37	NW	2	6	30.42	-28	42	41	+5	2	0	2	42	36	0.01	
Valencia	30.71	42	SE	3	0	30.68	-12	47	45	+5	4	3	0	47	42	-	
Roche's Point	30.62	43	N	4	0	30.67	-07	42	42	+4	4	3	0	45	36	-	
Pembroke	30.58	38	NNE	1	0	30.49	+00	44	41	+6	4	3	0	44	37	-	
Scilly	30.53	44	NE	5	0	30.51	+05	44	43	0	4	4	4	45	42	0.09	
Prawle Point	30.50	35	N	3	6	30.51	+10	34	32	0	2	0	2	43	32	-	
Hurst Castle	30.44	35	N	4	m	30.46	+16	34	32	-2	4	2	0	40	32	-	
Dover	30.32	39	NE	4	6	30.39	+24	36	35	-1	4	3	6	42	35	0.04	
London	30.42	37	N	5	6	30.44	+18	35	33	-1	4	1	0	39	35	-	
Oxford	30.50	33	N	4	6	30.47	+11	32	31	-2	4	2	0	39	32	-	
Cambridge	30.42	35	N	2	4	30.41	+15	34	32	0	4	1	0	38	31	0.12	
Yarmouth	30.33	39	N	4	0	30.35	+16	37	37	-4	4	2	4	42	34	0.07	
The Helder																	
Cape Gris Nez																	
Jersey	30.40	41	NE	7	0	30.44	+18	41	39	+1	4	3	0	42	39	0.01	
Brest	30.47	40	NE	5	0	30.49	+12	40	37	0	4	3	0	52	27	-	
Lorient																	
Rochefort	30.34	41	NE	8	0	30.44	+20	36	35	-5	4	6	1	48	36	-	
Biarritz	30.20	38	N	3	6	30.32	+15	42	38	+3	4	6	2	52	23	-	
Corunna																	
Brussels						30.36	+22	31	30	-5	4	1	6	41	30	-	
Charleville	30.17	35	N	4	0	30.29	+28	33	30	-3	4	0	0	40	30	-	
Paris	30.28	41	NW	4	6	30.41	+13	35	33	-1	4	3	1			-	
Lyons	30.08	35	NW	7	6	30.20	+25	30	29	-2	4	1	0	35	30	0.04	
Toulon	29.93	36	NW	7	6	30.11	+23	34	28	-2	4	1	0	43	32	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	29.25	28	N	0	6	29.11	-08	30	28	+1	4	1	6	30	27	-	

HIGH LEVEL STATION.

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

Hawes Junction	29.25	28	N	0	6	29.11	-08	30	28	+1	NW	1	6	30	27	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.26	36	32	N	4	0	4	Valencia ...	30.71	45	42	NNE	2	e	3
Sumburgh Head	30.33	40	34	N	3	0	3	Scilly ...	30.51	44	39	NE	6	e	5
Stornoway ...	30.48	40	39	SW	3	0	3	Dover ..	30.26	41	39	NNE	5	Scilly	3
Aberdeen ...	30.49	37	35	NW	4	0	4	London ...	30.39	39	37	NNW	4	e	6
Shields ...	30.47	36	35	NNE	4	0	6	Yarmouth ...	30.28	41	37	N	6	e g g	5
Ardrossan ...	30.57	37	35	N	0	0	0	Jersey ...	30.38	42	40	NE	7	e	5
Mullaghmore ...	30.64	44	42	NNW	2	0	5	Rochefort ...	30.26	42	39	NNE	8	e	5
Holyhead ...	30.56	41	37	NE	4	0	4								

The barometer is now falling in the extreme N. and the wind at Stornoway has backed to S.W. At all the more S. stations the mercury continues to rise and the wind remains N. The weather is fair at most stations, but rain is falling at Sumburgh Head, and hail showers at Dover.

EXPLANATION OF COLUMNS.

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

DAILY WEATHER REPORT

F O R

WEDNESDAY, 19TH DECEMBER.

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

ROBERT H. SCOTT

(SECRETARY).

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 19th DECEMBER 1883

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.

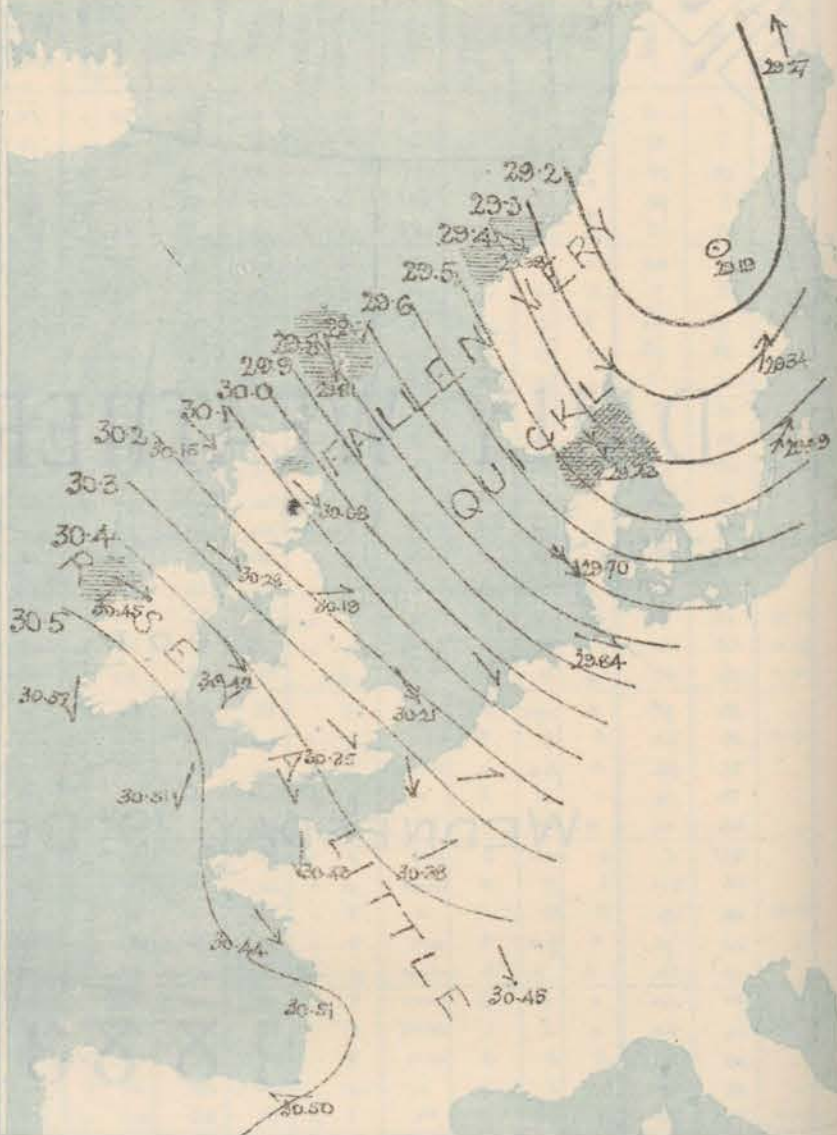
thus — Rough, — High.

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of December.

Stations.	Mean Readings.
Sunbury Head	29.68
Stornoway	29.70
Wick	29.71
Nairn	29.74
Aberdeen	29.76
Leith	29.80
Shields	29.83
York	29.87
Androsan	29.87
Donaghadee	29.87
Holyhead	29.88
Liverpool	29.88
Valencia	29.89
Reche's Point	29.89
Pembroke	29.89
Sally	29.94
Thorn Castle	29.98
Dover	29.94
LONDON	29.93
Cardiff	29.93
Cambridge	29.92
Wormouth	29.90

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

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

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

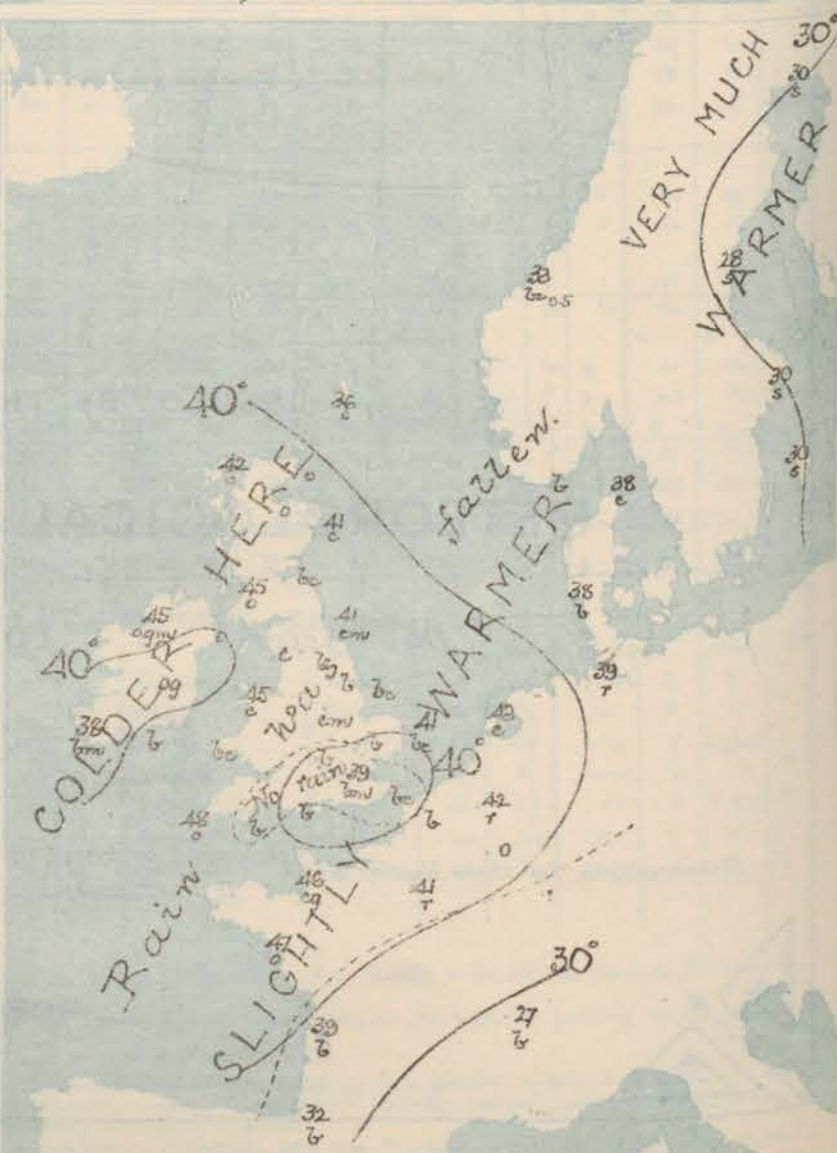
Falls of 0.6 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of December.

Stations.	Temp.	Rainfall.
Sunbury Head	38.0	4.13
Stornoway	38.9	5.61
Wick	37.6	3.21
Nairn	36.9	2.72
Aberdeen	36.0	3.40
Leith	38.4	1.86
Shields	38.2	0.63
York	36.2	2.64
Androsan	36.1	4.77
Donaghadee	40.1	2.86
Holyhead	42.9	1.00
Liverpool	39.1	0.89
Valencia	44.2	5.05
Reche's Point	42.9	4.89
Pembroke	43.7	4.26
Sally	47.2	4.10
Thorn Castle	40.6	2.48
Dover	40.0	3.45
LONDON	39.0	2.28
Cardiff	37.0	2.39
Cambridge	38.2	2.62
Wormouth	37.9	2.50

* These mean 8 a.m. temperatures are for the 10 years 1871 to 1880, the mean amount of Rain is mainly those for the 15 years 1866 to 1880.



REMARKS

for WEDNESDAY 19th DEC^r 1883 at R. u. m.

The large depression which lay off the west of Norway yesterday has moved slowly SEth, and the barometer has continued to fall at all the more northern and eastern stations, while it has risen a little on our west and south-west coasts. Sth or SWth breezes are reported over Sweden, but elsewhere the wind is generally NWth, and on the more exposed parts of our north and east coast it blew strongly. A NWth gale was experienced last night in the extreme north of Scotland. Snow is falling in Sweden and overcast skies are prevalent in the north of our islands, but in the south the weather is generally fair. In the course of the past twenty-four hours rain has fallen in nearly all parts of the Kingdom. Temperature has risen a few degrees, and readings now range from 42° at Scilly to 37° at Parnassus and 36° at Sumburgh Head and Hurst Castle. The sea is rather rough in the north and north-west, moderate to smooth elsewhere.

At our extreme north-western stations a new fall of the barometer appears to have set in since 10pm, and there is consequently some likelihood of the approach of another depression towards our northern coasts.

FORECASTS

for the 24 hours ending at Noon
on the

20th DECEMBER.

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

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

Wth to NWth strong winds or gales;
cloudy, some cold showers.

6 SCOTLAND
WEST

Same as N^o 1 to 2

7 SCOTLAND
EAST

Do Do Do

7 ENGLAND
N.W.

Same as N^o 1 to 2

2 ENGLAND
N.E.

Do Do Do

8 ENGLAND
S.W.

Nth winds, moderate or fresh;
fair generally.

3 ENGLAND
EAST

Same as N^o 5

9 IRELAND
NORTH

Same as N^o 1 to 2

4 MIDLAND
COUNTIES

Same as N^o 5

10 IRELAND
SOUTH

Same as N^o 8

5 ENGLAND
SOUTH

NWth winds, freshening; fair to
unsettled and some cold showers.

WARNINGS

The north coast is still up in districts
0 to 2, 6, 7, 8 and part of 1.

METEOROLOGICAL OBSERVATIONS FOR

19th DEC: 1883

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.						PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	SHADE TEMP.		Difference from 8 a.m. yesterday.	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	29.49	29	SE	6	6	29.27	30	30	+ 35	SE	6	5	5	2	-6	0.24
Hernösand	29.59	29	SW	8	6	29.19	28	28	+ 20	SE	0	5	5	2	5	0.16
Stockholm	29.91	23	SW	2	0	29.34	30	29	+ 6	SSW	6	5	5	2	19	0.08
Wisby	29.91	32	NE	2	0	29.69	30	30	- 3	SW	8	5	5	36	28	0.08
Bodo																
Christiansund	29.44	41	SW	8	1	29.38	33	29	+ 9	WNW	6	6	5	2	30	0.47
Skudesnaes																
Örö (Xiansund)	29.80	42	WNW	6	0	29.53	35	33	+ 5	NW	6	6	2	43	3	0.04
Skagen (The Skaw)	29.88	38	SW	6	0	29.43	39	35	+ 6	NW	8	6	8	39	32	0.16
Fanö	29.96	36	S	2	0	29.70	38	36	+ 4	NW	6	6	5	39	32	0.12
Cuxhaven	30.09	33	S	3	0	29.84	39	39	+ 6	NW	4	1	5	2	34	0.16
Sumburgh Head	29.79	43	WNW	6	0	29.81	36	34	- 10	WNW	6	0	6	47	34	0.17
Stornoway	30.17	41	WNW	6	0	30.15	42	41	- 5	WNW	5	0	4	48	39	0.18
Wick	30.04	40	NW	5	0	30.08	40	39	- 1	NW	5	0	3	46	37	0.15
Nairn	30.17	42	W	5	0	30.14	43	41	+ 1	NW	7	0	5	48	40	-
Aberdeen	30.11	41	NW	4	0	30.08	41	39	+ 8	NW	5	0	2	45	32	0.13
Leith	30.16	45	W	2	0	30.15	42	40	0	W	3	0	3	47	39	0.05
Shields	30.16	41	W	6	1	30.19	41	38	+ 3	W	4	0	3	42	35	0.06
Spurn Head	30.18	41	W	4	1	30.21	41	38	+ 5	WNW	6	0	4	42	36	0.02
York	30.22	43	W	1	1	30.28	42	38	+ 5	W	1	0	5	43	34	0.04
Loughborough	30.27	42	NW	4	0	30.33	41	39	+ 6	WNW	4	0	5	45	34	0.02
Ardrossan	30.26	46	WNW	4	0	30.28	45	43	+ 0	WNW	4	0	3	48	43	0.08
Mullaghmore	30.43	45	WNW	6	0	30.45	45	42	0	WNW	5	0	5	48	44	0.14
Donaghadee	30.38	46	NW	6	0	30.39	40	39	- 1	WNW	1	0	0	47	39	0.05
Parsonstown	30.46	46	WNW	1	0	30.52	37	36	- 4	W	1	0	5	48	34	0.17
Barrow-in-Furness	30.24	45	WNW	2	0	30.32	43	42	+ 2	NW	4	0	3	46	37	0.10
Holyhead	30.33	45	W	2	0	30.42	45	41	+ 1	NW	5	0	4	48	41	0.16
Liverpool (Bidston)	30.27	43	W	4	0	30.39	43	41	+ 1	W	3	0	3	45	42	0.05
Valencia	30.51	49	WNW	3	0	30.57	38	37	- 9	N	1	0	1	50	36	0.17
Roche's Point	30.44	47	NW	3	0	30.54	42	40	- 1	WNW	2	0	3	50	38	0.08
Pembroke	30.39	46	WNW	3	0	30.49	43	40	- 1	N	2	0	2	48	41	0.03
Scilly	30.45	46	WNW	5	0	30.51	48	44	+ 4	WNW	4	0	4	48	43	0.05
Prawle Point	30.44	41	NW	2	0	30.49	38	38	+ 5	WNW	1	0	1	45	33	-
Hurst Castle	30.37	39	WNW	2	0	30.42	36	35	+ 2	NW	2	0	3	43	33	0.02
Dover	30.32	36	WNW	1	0	30.30	39	38	+ 3	N	3	0	1	43	35	-
London	30.33	38	W	4	0	30.35	39	37	+ 4	NW	1	0	5	44	34	-
Oxford	30.31	39	WSW	3	0	30.39	39	37	+ 7	NW	3	0	5	44	32	-
Cambridge	30.27	36	2	0	0	30.30	38	36	+ 4	NW	1	0	5	44	31	0.01
Yarmouth	30.24	37	W	2	0	30.21	41	38	+ 4	NW	5	0	4	41	35	0.02
The Helder	30.15	41	W	3	0	30.06	43	40		NW	4	0	3	43	37	0.12
Cape Gris Nez	30.31	40	N	5	0	30.29	43	41		WNW	5	0	4	4	36	0.08
Jersey	30.40	40	WNW	1	0	30.43	40	44	+ 5	N	3	0	3	48	39	0.06
Brest																
Lorient	30.44	43	NE	3	0	30.44	47	46	+ 7	NW	5	0	3	4	36	-
Rocheport	30.45	37	NE	5	0	30.51	39	37	+ 2	SSW	3	0	2	43	28	-
Biarritz	30.38	37	E	3	0	30.50	32	30	- 10	E	1	0	1	50	28	-
Cornwall																
Brussels						30.18	42	42	+ 11	W	2	0	5	4	3	0.16
Charleville	30.29	32	NNE	1	0	30.19	35	31	+ 2	E	1	0	5	37	30	0.24
Paris	30.40	37	N	4	0	30.38	41	40	+ 6	WSW	1	0	5			-
Lyons	30.32	30	WNW	4	0	30.45	27	25	- 3	WNW	1	0	5	33	27	-
Toulon	30.17	39	WNW	4	0	30.21	34	28	0	NW	4	0	3	45	34	-

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

Hawes Junction	29.97	38	WSW	1	0	29.03	36	35	+ 6	WSW	3	0	5	40	29	0.03
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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	29.97	44	42	WNW	4	1	Valencia	30.51	49	49	WNW	3	2 gms
Sumburgh Head	29.85	45	43	NW	5	0	Scilly	30.47	47	43	WNW	4	0
Stornoway	30.16	43	41	WNW	5	0	Dover	30.35	40	38	WNW	2	6ms
Aberdeen	30.09	39	38	2	0	2ms	London	30.36	40	37	NW	3	0
Shields	30.17	42	40	W	4	0	Yarmouth	30.30	38	36	WNW	2	ef
Ardrossan	30.22	47	47	W	3	1	Jersey	30.42	43	39	NNE	2	C
Mullaghmore	30.37	48	48	W	5	d	Rocheport	30.44	41	38	NE	7	b
Holyhead	30.36	44	44	W	2	1							

The barometer has begun to rise again at Stornoway, but continues to fall elsewhere. The wind has veered to NW. on our extreme N^o coast, and rain is falling at many of the N^o and N^o stations, while overcast weather has extended to London.

EXPLANATION OF COLUMNS.

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

DAILY WEATHER REPORT

FOR

THURSDAY, 20TH DECEMBER.

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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D^o D^o Bookpost 5^l 7^d

ROBERT H. SCOTT

(SECRETARY)

WEATHER CHARTS

for 8 a.m. on *Thursday, 20th DECEMBER 1863*

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 forces thus:

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

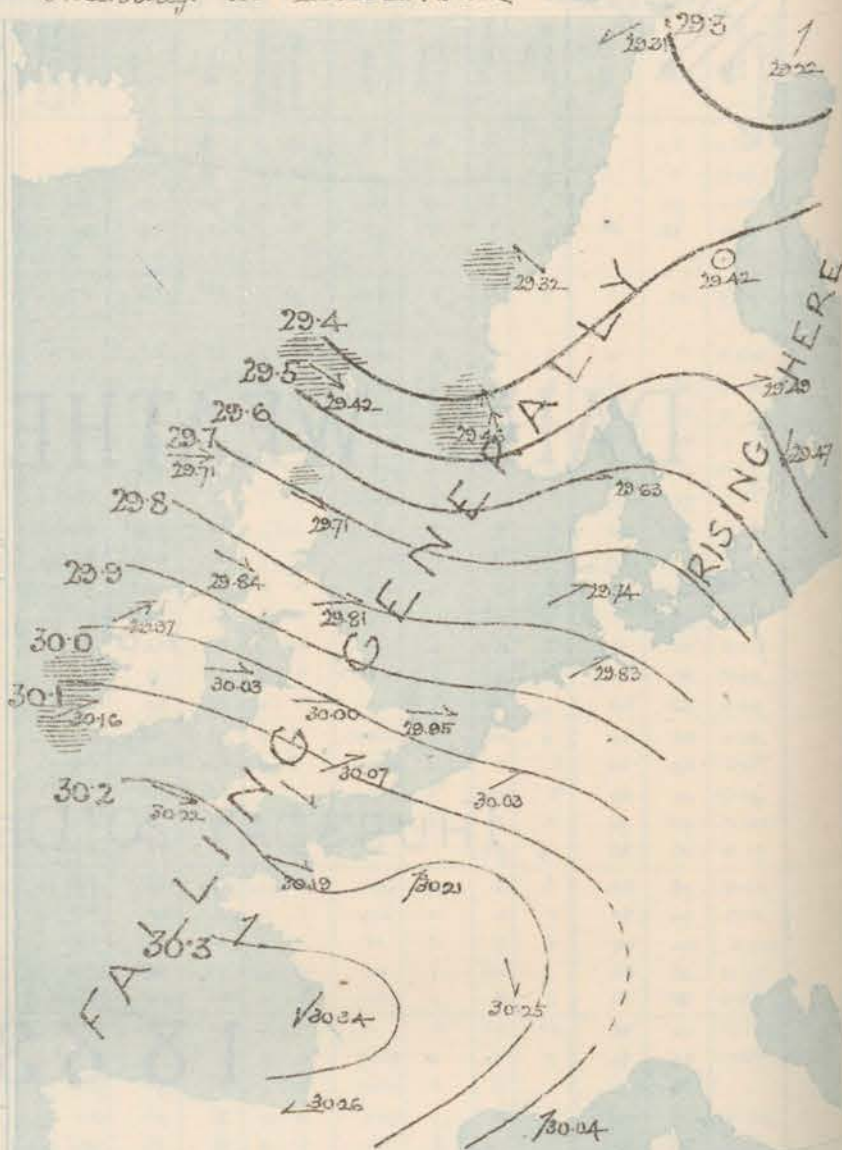
○ dead calm

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

MEAN* HEIGHT of the BAROMETER at 8 a.m. for the month of December.

Stations	Mean Readings
Sumburgh Head	29.68
Stornoway	29.70
Wick	29.73
Nairn	29.74
Aberdeen	29.76
Leith	29.80
Shields	29.83
York	29.87
Abercromby	29.81
Dunburgh	29.83
Holyhead	29.85
Liverpool	29.82
Valencia	29.89
Rochester Point	29.88
Penryn	29.87
Sally	29.84
Great Ouse	29.83
Dover	29.84
LONDON	29.83
Colford	29.87
Cambridge	29.90
Exmouth	29.87

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

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

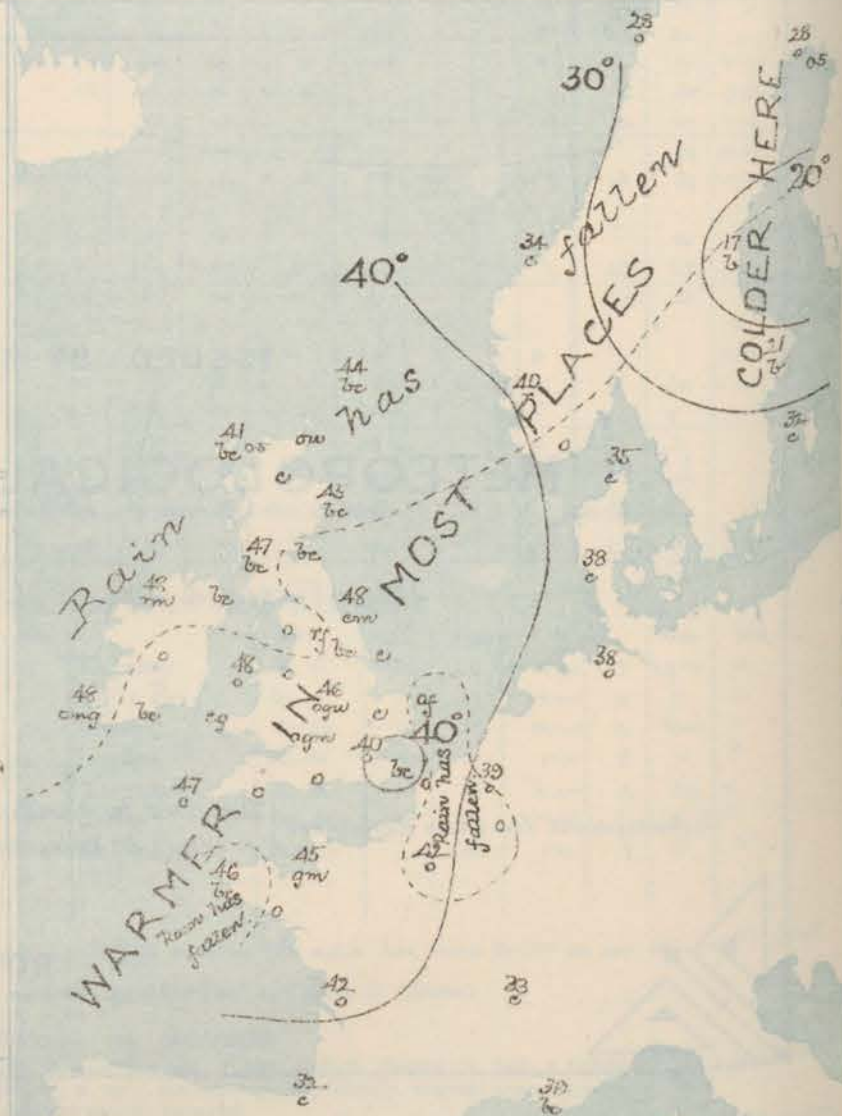
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.6 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AT 8 A.M. AND RAINFALL for the month of December.

Stations	Temp.	Rainfall.
Sumburgh Head	39.0	0.12
Stornoway	38.0	0.61
Wick	37.8	0.41
Nairn	36.9	0.71
Aberdeen	36.0	0.42
Leith	36.4	1.05
Shields	36.2	0.00
York	36.1	2.59
Abercromby	40.1	1.17
Dunburgh	40.1	0.65
Holyhead	42.0	0.43
Liverpool	39.1	2.80
Valencia	44.2	0.05
Rochester Point	42.0	0.40
Penryn	43.7	0.26
Sally	47.2	0.10
Great Ouse	40.5	2.28
Dover	40.0	0.61
LONDON	38.4	1.23
Colford	37.0	1.16
Cambridge	36.3	2.02
Exmouth	37.9	2.30

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

For Thursday 20th DEC^r 1883 at 8 a.m.

Since yesterday morning the barometer has fallen generally; and, while a large depression has appeared off the extreme N. of Scotland, the area of highest pressure has been transferred from our south-west coast to the west of France. The wind is W^{ly} or NW^{ly}, and generally moderate in force but in the north of Scotland it blows strongly, and at Cairn there is a fresh gale. A fresh NW^{ly} gale was experienced at Wick last night. The weather is fair at many of our northern stations, but cloudy or overcast elsewhere with rain at Mullaghmore. Lightning occurred last night at Cairn. Temperature has fallen several degrees in the west and north, and slightly elsewhere, reading now range from 60° at Louth to 38° at Dover. The sea is rather rough at Valentia, and also at one or two of our northern stations, but moderate or slight elsewhere.

The general distribution of pressure this morning is in favor of W^{ly} winds and mild, showery weather.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
21st DECEMBER,

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	NW ^{ly} Winds, strong, to W ^{ly} moderate; fair generally, but some showers.
2 SCOTLAND EAST	-----D-----D-----D-----
3 ENGLAND N.E.	W ^{ly} or SW ^{ly} Winds, fresh; cloudy, some rain.
4 ENGLAND EAST	-----D-----D-----D-----
5 MIDLAND COUNTIES	-----D-----D-----D-----
6 ENGLAND SOUTH	W ^{ly} Winds, moderate to strong; dull, some rain, milder.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as No 2 to 4.
7 ENGLAND N.W.	Same as No 2 to 4.
8 ENGLAND S.W.	W ^{ly} Winds, fresh or strong; cloudy, some rain.
9 IRELAND NORTH	SW ^{ly} and W ^{ly} Winds, fresh or strong; dull, rain at times.
10 IRELAND SOUTH	-----D-----D-----D-----
WARNINGS	The N. cone which was started last evening in all districts excepting 6, 7, and 8, has been blown off this morning in districts 3, 5, 8 and 10.

METEOROLOGICAL OBSERVATIONS FOR

20th DEC:

1883

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.	Difference from 8 a.m. yesterday.	Max.	Min.	Amount of Rainfall.			
			Dir.	Force (0 to 12).			Dry.	Wet.		Dir.	Force (0 to 12).							
Haparanda	29.30	31	SE	4	S	-05	28	28	-2	SE	2	0	32	28	0.47			
Bernösand	29.32	31	N	6	bc	+23	17	16	-11	SE	0	6	34	?				
Stockholm	29.30	32	SE	4	S	+15	21	20	-9	W	4	6	32	?	0.12			
Wisby	29.26	37	NW	6	0	-02	32	31	+2	NNE	6	0	37	28	0.24			
Bodö	29.31	33	N	4	S		28	25		ESE	2	0	37	27				
Christiansund	29.58	34	WSW	4	0	-06	34	33	+1	SE	3	0	34	28	0.16			
Skudesnæs	29.78	36	WNW	2	0		40	40		SSE	8	1	?	36	0.20			
Oxö (Xiansund)	?	35	NW	6	S	+05	34	32	-1	W	1	0	37	30				
Skagen (The Skaw)	29.65	37	WNW	6	S	+20	35	32	-4	W	2	0	36	32				
Faro	29.78	35	NW	4	S	+04	38	37	0	WSW	3	0	41	32				
Cuxhaven	?	36	WNW	6	N	-01	38	38	-1	WSW	6	0	39	32	0.02			
Sumburgh Head	29.88	32	SSE	3	S	-39	44	41	+8	WNW	5	6	47	30	0.23			
Sternoway	29.78	47	WSW	6	W	-44	41	40	-1	W	5	6	49	40	0.52			
Wick	29.86	40	S	1	N	-41	42	40	+2	NW	6	0	47	39	0.14			
Nairn	29.90	42	W	5	N	-45	44	42	+1	WNW	8	0	49	41	0.06			
Aberdeen	29.97	41	W	1	N	-37	45	42	+4	NW	4	6	49	39	0.05			
Leith	30.03	42	NW	3	C	-42	50	48	+8	NW	5	6	50	39				
Shields	30.12	42	W	3	cm	-38	48	47	+7	W	4	cm	48	38	0.01			
Spurn Head	30.15	42	WNW	5	C	-32	45	44	+4	W	4	C	46	38	0.03			
York	30.17	43	W	1	C	-38	48	46	+8	W	4	6	48	38	0.04			
Loughborough	30.24	42	W	3	0	-83	46	44	+5	W	4	ogv	46	39				
Ardrossan	30.11	44	WSW	4	N	-44	47	47	+2	WNW	4	6	50	43	0.04			
Mullaghmore	30.24	45	SW	6	cm	-48	48	48	+3	WSW	5	rain	48	44	0.10			
Doraghadee	30.17	43	NW	5	C	-47	48	48	+8	NW	4	6	49	39				
Parsonstown	30.36	43	W	1	0	-46	48	46	+11	W	2	0	48	36				
Barrow-in-Furness	30.19	43	NW	4	C	-34	47	46	+4	WSW	4	0	47	43	0.03			
Holyhead	30.31	43	W	5	0	-39	48	47	+3	W	2	0	49	40				
Liverpool (Biston)	30.24	42	W	4	0	-41	45	45	+2	WSW	4	0	46	42				
Valencia	30.44	45	W	3	og	-41	48	48	+10	WSW	4	cm	49	37	0.16			
Roche's Point	30.41	36	WNW	2	6	-41	45	44	+3	W	2	6	47	35				
Pembroke	30.35	43	WNW	3	C	-35	47	45	+4	W	3	cg	47	43				
Scilly	30.41	45	WNW	5	0	-29	47	45	-1	WNW	5	0	48	44				
Prawle Point	30.40	42	WNW	2	C	-29	43	43	+4	WNW	2	0	48	38				
Hurst Castle	30.34	40	NW	3	6	-29	43	42	+7	NW	3	0	44	35				
Dover	30.23	40	NW	3	6	-25	38	37	-1	WSW	3	6	43	38				
London	30.29	40	WSW	2	0	-28	40	39	+1	WSW	3	0	45	36				
Oxford	30.28	40	WNW	2	0	-31	42	41	+3	WSW	1	ogm	44	36				
Cambridge	30.25	39	NW	1	6	-31	43	42	+5	W	1	C	45	36				
Yarmouth	30.17	39	WNW	3	6	-26	42	41	+1	W	4	0	44	35	0.01			
The Helder																		
Cape Gris Nez	30.27	42	WNW	5	6	-20	43	43	0	NW	5	0	45	41				
Jersey	30.36	46	W	3	cg	-24	45	43	-1	WNW	3	egm	47	43				
Brest	30.36	46	W	4	C		46	43		W	5	6	48	39	0.04			
Lorient	30.39	47	?	4	6	-10	45	41	-2	WNW	3	0	52	39				
Rochefort	30.48	45	N	1	0	-17	42	41	+3	NE	3	0	50	32				
Biarritz	30.43	37	E	1	6	-24	32	32	0	E	3	C	55	?				
Corunna	*	*	*	*	*		*	*					*	*				
Brussels	*	*	*	*	*	-15	39	38	-3	WSW	4	0	43	39	0.04			
Charleville	30.21	38	NW	4	0	-10	37	35	+2	W	4	0	39	?	0.04			
Paris	30.37	44	SW	4	0	-17	42	41	+1	SW	4	0	*	*				
Lyons	30.41	29	NNE	1	0	-20	32	32	+5	WNW	3	C	34	?				
Toulon	30.21	40	W	4	6	-17	39	36	+5	SW	3	6	45	?				

HIGH LEVEL STATION.

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

Hawes Junction	28.91	38	W	2	6	28.66	-37	43	43	+7	WSW	3	1	43	35	0.13
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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 ...	29.72	36	31	NW	9	chky	5	Valencia ...	30.51	47	45	W	3	0	3
Sumburgh Head	29.91	36	33	WNW	4	C	6	Scilly ...	30.51	46	43	WNW	4	0	4
Sternoway ...	30.02	43	42	SSW	5	cm	4	Dover ...	30.27	43	40	WNW	3	6	1
Aberdeen ...	30.07	42	40	NW	4	C	2	London ...	30.32	45	40	WNW	3	6	1
Shields ...	30.15	43	41	W	3	6cm	3	Yarmouth ...	30.18	43	41	WNW	5	6cm	4
Ardrossan ...	30.22	45	44	WNW	4	0	3	Jersey ...	30.43	45	43	WNW	2	C	3
Mullaghmore ...	30.45	45	43	WSW	5	ogm	5	Rochefort ...	30.54	47	45	W	3	0	2
Holyhead ...	30.37	44	40	NW	5	0	5								

At our S^t stations very little change has occurred, but in the Helvids the barometer has begun to fall briskly and the wind has backed to SSW, so that a new depression is evidently approaching Scotland.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 8 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 3 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

FRIDAY 21ST DEC^R.

1883.

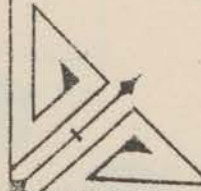
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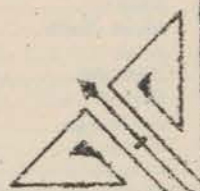
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ROBERT H. SCOTT

(SECRETARY).



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WEATHER CHARTS

for 8 a.m. on

Friday

2ND DECEMBER.

1888

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.

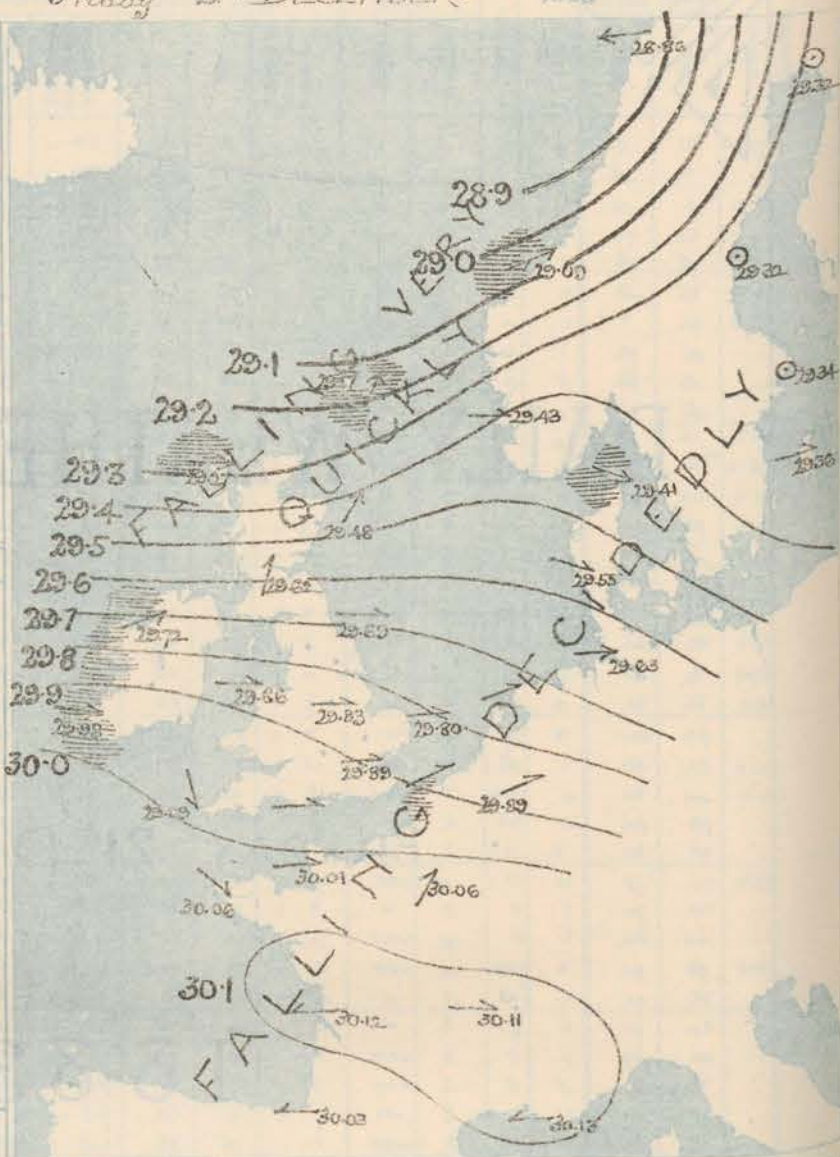
Sea Disturbance, where considerable, is shown by shading round the coast; thus Rough, High.

MEAN* HEIGHT of the BAROMETER

at 8 a.m. for the month of December.

Stations.	Mean Readings.
Sunbergh Head	29.630
Stormway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.780
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.810
Donaghadee	29.832
Holyhead	29.859
Liverpool	29.882
Valencia	29.878
Rocha's Point	29.889
Pembroke	29.897
Silly	29.943
Hurst Castle	29.948
Dover	29.942
LONDON	29.954
Oxford	29.937
Cambridge	29.926
Yarmouth	29.922

* These means are for the 10 years 1871 to 1880.



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 AT 8 A.M.

AND RAINFALL.

for the month of December.

Stations.	Temp.	Rainfall.
Sunbergh Head	38.0	4.13
Stormway	38.9	5.61
Wick	37.8	3.71
Nairn	36.9	2.01
Aberdeen	36.9	3.42
Leith	38.4	1.95
Shields	39.2	5.03
York	36.2	2.64
Ardrossan	40.1	4.17
Donaghadee	40.1	2.85
Holyhead	42.0	4.03
Liverpool	39.1	2.80
Valencia	44.7	6.05
Rocha's Point	42.9	4.89
Pembroke	43.7	4.26
Silly	47.2	4.18
Hurst Castle	40.6	2.08
Dover	40.0	3.51
LONDON	38.1	2.28
Oxford	37.3	2.19
Cambridge	36.8	2.02
Yarmouth	37.9	2.99

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880, the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Friday 21st December 1883 at 8 a.m.

The fall of the barometer noticed yesterday has continued in all parts of Western Europe, and in the course of the night a new and large depression has appeared off the west of Norway. The area of highest pressure now lies over the south of France, but the barometer is inclined to rise a little in the south of Ireland. The wind is S.W. at many of the Scotch stations, but generally W. elsewhere and at Stromoy and Mullaghmore there is a moderate gale. The weather is fair in the south, but dull and raining in the extreme north and north-west. In the course of the past 24 hours slight rain has occurred in most places. Temperature which has fallen a little at all but our S.W. stations, ranges from 44° at Seilly to 37° at Aberdeen.

The sea is rather rough off the north of Scotland and west of Ireland, but moderate or smooth elsewhere.

The depression in the north is likely to occasion strong winds or gales and rain over Scotland, but in the south moderate or fresh breezes and generally fair weather are probable.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

22nd DECEMBER.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	W ^{ly} to NW ^{ly} strong winds or gales; unsettled, showery.	6 SCOTLAND WEST	Same as No. 0. and 1.
2 SCOTLAND EAST	-----D-----D-----D-----	7 ENGLAND N.W.	Same as No. 2.
3 ENGLAND N.E.	W ^{ly} winds, freshening; changeable, some showers.	8 ENGLAND S.W.	W ^{ly} and NW ^{ly} winds, fresh; fair generally.
4 ENGLAND EAST	Same as No. 5.	9 IRELAND NORTH	W ^{ly} winds, fresh or strong; cloudy, some rain.
5 MIDLAND COUNTIES	Same as No. 5.	10 IRELAND SOUTH	-----D-----D-----D-----
6 ENGLAND SOUTH	W ^{ly} winds, moderate or fresh; fair generally, but probably some showers.	WARNINGS	The south cone has been hoisted this morning in districts 0, 1, and 6.

METEOROLOGICAL OBSERVATIONS FOR

21st DEC. 1882

† 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	29.32	44	Z	0	0	29.32	+10	21	21	-7	Z	0	0	*	28	1	-		
Hernösand	29.38	8	Z	0	8	29.32	-10	15	15	-2	Z	0	0	*	32	5	-		
Stockholm	29.49	21	SSW	2	0	29.34	-15	31	30	+10	Z	0	0	*	34	19	-		
Wisby	29.52	30	SSW	4	0	29.36	-11	26	35	+4	N	4	0	*	?	28	-		
Bodö	29.12	24	ENE	2	C	28.86	-45	29	27	+1	E	6	C	3	?	21	-		
Christiansund	29.11	38	WSW	8	A	29.09	-23	39	36	+5	WSW	8	C	6	39	30	0.51		
†Skudesnaes	29.47	42	NW	4	0	29.43	-03	39	37	-1	N	4	0	4	43	?	-		
Oxö (Christiansund)	29.47	41	WSW	4	B	29.44	-14	39	37	+5	N	4	C	2	41	?	-		
Skagen (The Skaw)	29.44	40	NW	6	B	29.41	-22	40	38	+5	WNW	5	B	5	41	30	0.04		
Fanö	29.65	41	N	3	bc	29.58	-16	39	38	+1	WNW	2	C	*	41	37	-		
Cuxhaven	29.74	40	NW	1	f	29.63	-20	42	42	+4	N	5	f	*	?	34	0.04		
†Sumburgh Head	29.43	42	WNW	5	bc	29.17	-25	43	40	-1	SW	5	A	5	45	39	0.17		
†Stornoway	29.65	40	WSW	3	0	29.27	-44	42	41	+1	N	7	cyp	5	44	37	0.26		
Wick	29.60	40	NW	3	0	29.28	-34	40	39	-2	SW	3	ou	3	42	36	0.03		
Nairn	29.67	41	WNW	3	C	29.44	-25	42	41	-2	N	4	d	3	46	37	0.02		
†Aberdeen	29.68	42	WSW	2	0	29.48	-23	37	36	-8	SW	5	bc	2	46	33	0.01		
Leith	29.72	44	NW	1	A	29.57	-16	44	41	-6	N	5	C	*	50	38	0.06		
†Shields	29.76	46	N	1	om	29.69	-12	41	39	-7	N	3	cm	2	50	37	0.11		
Spurn Head	29.80	46	N	4	bc	29.77	-12	41	40	-4	N	3	B	3	47	39	-		
York	29.84	48	N	2	bc	29.82	-08	41	40	-7	WSW	1	bc	*	50	39	-		
Loughborough	29.90	47	SW	3	C	29.83	-17	41	40	-5	N	2	B	*	51	40	0.02		
†Ardrossan	29.75	44	WNW	2	A	29.62	-22	45	45	-2	SSW	4	0	3	48	42	0.07		
†Mullaghmore	29.89	44	WNW	8	nm	29.72	-25	47	45	-1	WSW	7	nggm	5	48	43	0.33		
Donaghadee	29.77	47	SW	2	A	29.75	-17	42	41	-6	N	2	C	0	49	36	0.05		
Parsonstown	29.88	47	WSW	1	A	29.89	-17	44	42	-4	N	2	cg	*	48	39	0.02		
Barrow-in-Furness	29.81	46	WNW	4	0	29.77	-18	44	43	-3	N	3	0	4	47	42	0.05		
†Holyhead	29.88	48	N	3	0	29.86	-17	45	42	-3	N	3	bc	3	49	42	0.03		
Liverpool (Bidston)	29.85	47	WSW	3	0	29.82	-16	43	42	-2	N	4	bc	3	49	42	0.02		
†Valencia	29.96	50	WSW	5	omd	29.95	-18	48	47	0	N	5	cm	5	51	45	0.08		
Roche's Point	29.98	46	N	4	C	29.96	-17	41	40	-4	N	2	B	3	50	40	0.02		
Pembroke	29.96	47	SW	5	C	29.94	-20	46	42	-1	WNW	3	bc	3	49	45	0.03		
†Scilly	30.08	46	N	5	0	29.99	-23	49	46	+2	WNW	4	0	4	49	44	0.01		
Prawle Point	30.06	46	WNW	3	0	29.96	-24	47	47	+4	WNW	3	0	3	48	42	0.03		
Hurst Castle	30.02	46	WNW	2	0	29.93	-20	46	45	+3	N	3	C	2	47	43	-		
†Dover	29.98	45	WSW	2	bc	29.89	-16	44	43	+6	WSW	3	cg	2	46	38	-		
†London	29.97	47	N	2	C	29.89	-18	45	44	+5	N	3	0	*	48	40	-		
Oxford	29.94	45	SW	4	0	29.89	-19	46	46	+4	N	2	0	*	48	41	-		
Cambridge	29.84	45	N	1	B	29.84	-15	46	45	+3	WSW	1	0	*	49	41	-		
†Yarmouth	29.89	46	WSW	2	C	29.80	-15	44	43	+2	N	3	cm	3	47	40	-		
The Helder	29.82	44	N	3	C	29.72	-44	43	43	-	WSW	3	A	3	45	41	0.16		
Cape Gris Nez	30.02	46	N	5	m	29.93	-16	46	46	+3	N	8	0	5	46	43	-		
†Jersey	30.10	49	WNW	3	om	30.01	-18	46	46	+1	N	3	gm	3	49	45	0.01		
Brest	30.16	45	N	3	0	30.06	-21	46	?	0	WNW	3	m	4	46	43	-		
Lorient	30.17	45	N	3	0	30.09	-19	41	40	-4	NNE	4	C	2	48	39	-		
†Rocheport	30.22	44	NNE	A	0	30.12	-22	41	41	-1	E	4	f	2	48	36	-		
Biarritz	30.11	41	E	4	C	30.03	-23	38	35	+6	E	3	0	1	46	?	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.89	-14	44	43	+5	WSW	4	0	*	45	?	0.04		
Charleville	30.01	40	SW	4	0	29.95	-14	41	39	+4	SSW	4	0	*	41	37	0.12		
Paris	30.12	45	N	1	0	30.06	-15	44	43	+2	SW	1	0	*	*	*	-		
Lyons	30.15	35	NNE	1	B	30.11	-14	32	31	0	N	1	f	*	39	31	-		
Toulon	30.05	45	E	5	0	30.13	+09	47	45	+8	E	4	0	3	?	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.86	43	WSW	4	f	28.51	-15	38	37	-5	N	3	0	*	44	36	0.53		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.47	43	41	WNW	4	0	A	Valencia ...	30.03	49	49	WSW	5	omg	5
Sumburgh Head	29.43	40	38	WNW	5	of	5	Scilly ...	30.14	46	44	WNW	4	0	4
Stornoway ...	29.67	41	40	N	5	of	4	Dover ...	29.99	45	44	WNW	3	cg	2
Aberdeen ...	29.69	45	42	WSW	1	C	1	London ...	30.01	48	46	WNW	4	0	*
Shields ...	29.78	48	45	N	1	cm	2	Yarmouth ...	29.90	47	46	WNW	3	cm	3
Ardrossan ...	29.80	47	45	WNW	3	0	3	Jersey ...	30.11	47	46	WNW	4	0	3
Mullaghmore ...	29.81	48	47	WSW	5	nm	4	Rocheport ...	30.27	46	44	NNE	5	b	1
Holyhead ...	29.95	48	47	WSW	4	C	4								

The barometer continues to fall gradually - rather briskly in the N. of Ireland. The wind is moderate or fresh from the N. and the weather cloudy, with rain in the extreme N. and NW.

EXPLANATION OF COLUMNS.

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



DAILY WEATHER REPORT

FOR

SATURDAY, 22ND DECEMBER.

1883.

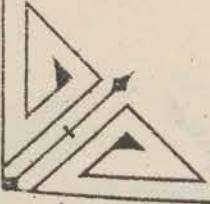
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ROBERT H. SCOTT

(SECRETARY.)

Printed at the Stationers' Hall, 22, Hatford St. London.

WEATHER CHARTS

for 8 a.m. on

Saturday, 22ND DECEMBER, 1883

BAROMETER, WIND & SEA

Explanation of Map

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

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

Wind. Arrows show the prevalent winds.

They fly with the wind, and their barbs and feathers refer to force, thus, —

— force above 10; — force 8 to 10; — force 5 to 7; — force 1 to 4; — dead calm.

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

MEAN^S HEIGHT of the BAROMETER

at 8 a.m. for the month of December

Stations.	Mean Readings
Sunderburgh Head	29.68
Stornoway	29.71
Wick	29.71
Nairn	29.71
Aberdeen	29.70
Leith	29.68
Shields	29.59
York	29.47
Ardrossan	29.40
Dunghallow	29.37
Holyhead	29.36
Liverpool	29.32
Wolverhampton	29.30
Manchester	29.29
Sally	29.28
Barn Castle	29.28
Dover	29.27
LONDON	29.26
Oxford	29.25
Cambridge	29.24
Wormouth	29.22

* These means are for the 10 years 1871 to 1880.

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.

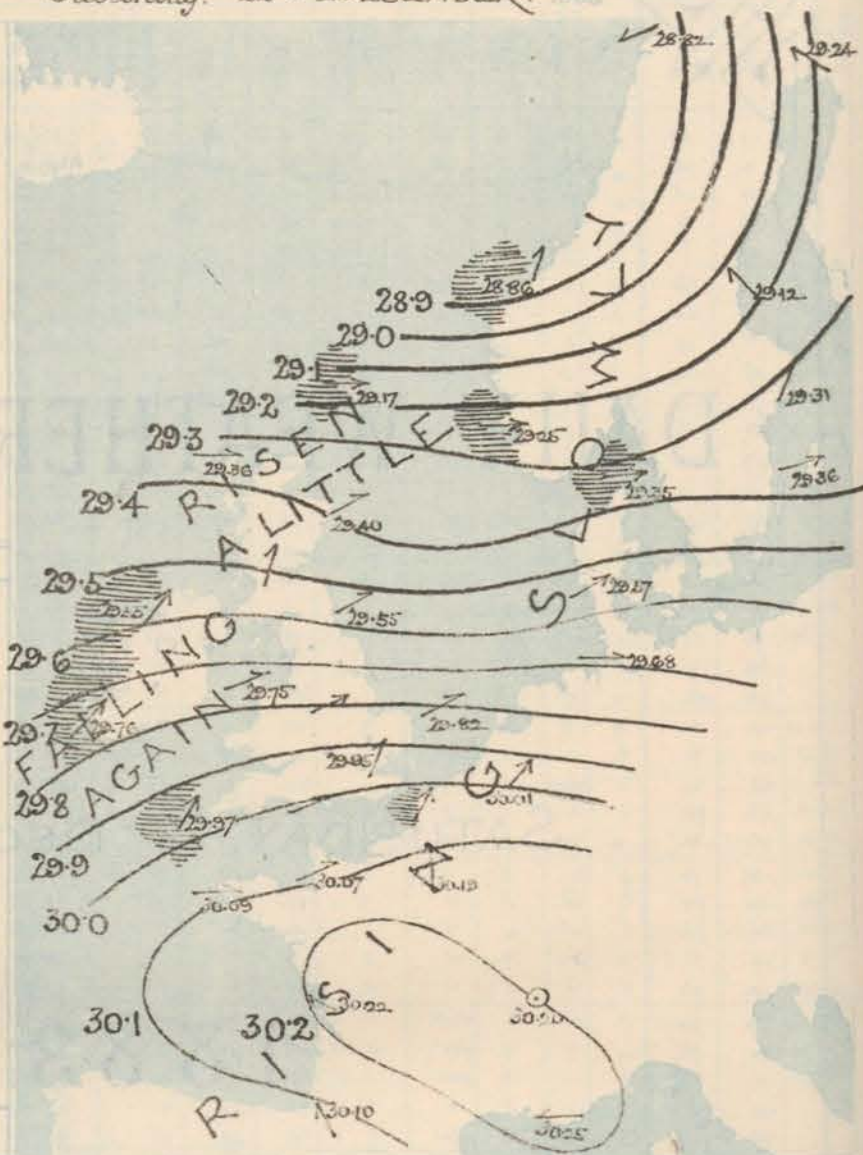
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

MEANS^S OF TEMPERATURE AT 8 A.M. AND RAINFALL for the month of December

Stations.	Temp.	Rainfall.
Sunderburgh Head	38.0	4.13
Stornoway	38.8	5.61
Wick	37.8	5.39
Nairn	36.8	1.71
Aberdeen	36.9	3.32
Leith	38.4	1.95
Shields	39.2	0.00
York	38.2	2.69
Ardrossan	40.1	0.72
Dunghallow	40.1	2.66
Holyhead	42.9	4.05
Liverpool	39.3	2.59
Wolverhampton	40.2	6.03
Manchester	41.9	4.89
Sally	43.7	4.35
Barn Castle	40.8	2.96
Dover	40.3	3.61
LONDON	38.6	2.28
Oxford	37.6	2.19
Cambridge	36.8	2.62
Wormouth	37.9	2.39

* These mean 8 a.m. temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1865 to 1880.



REMARKS

for Saturday 22nd December. 1883. at 8 a.m.

Since yesterday morning a slight rise of the barometer has taken place at our extreme northern as well as at our southern and the French stations, but elsewhere the mercury ^{has} continued to fall. On our western coast the fall has become greatly accelerated in the course of the night, and a new depression is apparently advancing towards Ireland. The wind is E^{ly} in the south of France, and SW^{ly} over England and Ireland, but elsewhere it is generally W^{ly}; at Valencia it is reported to be increasing in force. In the course of yesterday a slight W^{ly} gale was experienced on many parts of our northern coast. The weather is fair in the east and south-east, but cloudy or overcast elsewhere with rain at Anderson. Rain fell yesterday in the north and north-west, and lightning occurred at Wick last night. Temperature has risen several degrees at all but the northern stations, and readings now range from 50° at Dover to 36° at Wick. The sea is rough in the west and extreme north.

The depression which is advancing towards our western coast will probably travel in an E^{ly} direction, and strong winds or gales are likely in the west and south generally.

NOTICE. The report for Sunday the 23rd Inst will be issued on Wednesday next, and that for Tuesday the 25th Inst (Christmas day) on Thursday.

The Weekly Weather Report for the week ending the 24th Inst will not be issued before Monday the 31st.

FORECASTS

For the 24 hours ending at Noon
on the

23rd DECEMBER

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



DISTRICTS

FORECASTS

SCOTLAND NORTH	SW ^{ly} and W ^{ly} winds, force doubtful; fair to unsettled and some rain.
SCOTLAND EAST	SW ^{ly} winds, fresh or strong; fair to unsettled and rainy.
ENGLAND N.W. D ^o D ^o D ^o
ENGLAND EAST	Same as N ^o 5
MIDLAND COUNTIES	Same as N ^o 5.
ENGLAND SOUTH	SW ^{ly} to W ^{ly} winds, increasing in force; fair to dull and rainy.

DISTRICTS

FORECASTS

SCOTLAND WEST	SW ^{ly} to W ^{ly} strong winds or gales; dull and rainy to fair.
ENGLAND N.W. D ^o D ^o D ^o
ENGLAND S.W.	SW ^{ly} to W ^{ly} winds, increasing to a gale; dull and rainy at first, some improvement later.
IRELAND NORTH D ^o D ^o D ^o
IRELAND SOUTH D ^o D ^o D ^o
WARNINGS	The S. cone is still up in districts 0 to 2, 6, 7, and 9, and has been hoisted this morning in district 8, 10, and part of 5.

METEOROLOGICAL OBSERVATIONS FOR

22ND DEC 1883

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 15).		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 15).			Max.	Min.		
Haparanda	29.25	22	S	4	0	29.24	- 08	27	27	+ 6	SE	4	0	*	?	14	-	
Hernösand	29.20	10	Z	0	6	29.12	- 20	16	15	+ 1	SE	2	5	*	19	3	0.04	
Stockholm	29.34	28	WSEW	2	6	29.21	- 13	34	34	+ 3	SW	4	0	*	34	19	0.04	
Wisby	29.38	37	W	4	6	29.36	- 00	38	37	+ 2	W	6	6	*	39	28	0.04	
Bodö	28.78	39	SW	6	6	28.82	- 04	34	30	+ 5	ENE	2	0	1	39	28	0.16	
Christiansund	28.86	38	WSEW	3	6	28.86	- 23	37	35	- 2	SSW	4	0	5	41	32	0.16	
Skudesnaes	29.20	41	WSEW	6	6	29.25	- 18	41	38	+ 2	W	6	7	5	45	?	-	
Örö (Xtiansund)	29.24	44	WSEW	8	0	29.29	- 15	44	40	+ 5	W	7	0	4	?	37	-	
Skagen (The Skaw)	29.34	39	W	4	0	29.35	- 06	41	38	+ 1	W	6	6	6	41	37	0.08	
Fanö	29.52	42	WSEW	6	0	29.57	- 01	43	41	+ 4	WSW	5	0	*	43	37	0.04	
Cuxhaven	29.66	44	W	2	6	29.68	+ 05	44	44	+ 2	W	4	7	*	45	36	0.04	
†Sumburgh Head	29.02	38	W	6	6	29.17	- 00	40	36	- 3	W	5	6	5	43	34	0.36	
†Stornoway	29.29	49	W	7	6	29.36	+ 09	38	37	- 4	W	3	0	3	42	36	0.15	
Wick	29.23	37	WNW	7	6	29.37	+ 09	36	35	- 4	W	1	6	1	40	35	0.03	
Nairn	29.34	40	W	2	6	29.40	- 04	38	36	- 4	W	1	6	2	43	37	0.22	
†Aberdeen	29.39	38	W	1	6	29.40	- 08	35	34	- 2	WSEW	1	0	1	46	33	0.01	
Leith	29.48	45	WNW	5	6	29.41	- 16	49	47	+ 5	W	6	0	*	49	43	0.05	
†Shields	29.55	48	W	6	6	29.55	- 14	49	45	+ 8	WSEW	4	0	2	49	39	0.01	
Spurn Head	29.71	45	SW	4	0	29.70	- 07	45	43	+ 4	SW	5	0	3	46	41	-	
York	29.68	47	W	4	6	29.67	- 15	47	44	+ 6	SW	5	0	*	50	40	-	
Loughborough	29.81	46	WSEW	5	0	29.80	- 03	47	44	+ 6	WSEW	6	0	*	47	40	-	
†Ardrossan	29.56	47	WNW	4	6	29.48	- 14	49	47	+ 2	SEW	4	7	4	49	44	0.20	
†Mullaghmore	29.68	48	W	6	6	29.55	- 17	48	47	+ 1	SW	6	0	6	50	46	0.20	
Donaghadee	29.67	47	WNW	2	6	29.60	- 15	48	47	+ 6	W	5	0	3	48	40	0.04	
Parsonstown	29.85	47	W	1	0	29.73	- 16	46	44	+ 2	SW	3	0	*	48	42	-	
Barrow-in-Furness	29.69	47	W	5	0	29.67	- 10	47	45	+ 3	SW	4	0	5	48	43	0.05	
†Holyhead	29.80	49	WSEW	5	0	29.75	- 11	49	47	+ 4	WSEW	4	0	4	50	41	-	
Liverpool (Bidston)	29.76	49	WSEW	5	0	29.75	- 07	49	46	+ 6	SW	4	0	3	51	42	-	
†Valencia	29.92	49	WSEW	4	6	29.76	- 22	50	49	+ 2	SW	7	0	6	52	48	-	
Roche's Point	29.92	46	W	3	6	29.83	- 13	50	49	+ 9	SW	5	0	4	51	40	-	
Pembroke	29.91	49	W	5	6	29.87	- 07	49	48	+ 3	WSEW	5	0	4	49	45	-	
†Scilly	30.02	48	WNW	4	6	29.97	- 02	49	47	0	SW	5	0	5	49	47	-	
Prawle Point	30.01	45	WNW	4	6	30.01	+ 05	48	46	+ 1	WSEW	4	0	4	51	42	-	
Hurst Castle	29.97	44	W	3	6	30.00	+ 07	46	45	0	WSEW	4	0	2	48	42	-	
†Dover	29.92	44	W	3	6	29.97	+ 08	43	42	- 1	WSEW	4	0	2	49	40	-	
†London	29.92	42	W	3	6	29.93	+ 06	43	41	- 2	SW	3	0	*	49	41	-	
Oxford	29.92	43	SW	4	6	29.92	+ 03	44	42	- 2	SW	5	0	*	49	42	-	
Cambridge	29.88	40	W	1	6	29.86	+ 02	45	44	- 1	SW	2	0	*	49	38	-	
†Yarmouth	29.82	43	W	4	6	29.82	+ 02	44	43	0	WSEW	4	0	3	46	41	-	
The Helder																		
Cape Gris Nez	29.95	46	SW	4	6	30.04	+ 17	46	45	0	SW	7	0	5	48	45	-	
†Jersey	30.03	47	W	2	6	30.07	+ 06	46	43	0	WSEW	3	0	3	48	45	0.03	
Brest	30.09	48	ENE	1	0	30.09	+ 03	47	45	+ 1	W	3	0	3	48	43	-	
Lorient	30.08	45	?	3	0	30.13	+ 04	46	45	+ 5	SSW	3	0	2	46	37	-	
†Rochefort	30.16	41	ENE	4	0	30.22	+ 10	37	36	- 4	ENE	1	0	2	46	32	-	
Biarritz	30.06	39	E	3	0	30.10	+ 07	35	?	- 3	SE	3	0	1	48	23	-	
Corunna	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	30.01	+ 12	44	43	0	SW	5	0	*	47	43	0.04	
Charleville	30.00	42	WSEW	1	0	30.10	+ 15	40	38	- 1	SW	1	0	*	42	40	-	
Paris	30.07	46	Z	0	0	30.19	+ 13	44	42	0	W	3	0	*	*	*	-	
Lyons	30.13	34	W	1	0	30.20	+ 09	31	31	- 1	E	1	0	*	36	31	-	
Toulon	30.13	48	E	5	0	30.25	+ 12	49	46	+ 2	E	3	0	3	52	45	0.32	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.44	43	SW	5	7	28.42	- 09	43	42	+ 5	WSEW	6	0	*	43	37	0.38	

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

Hawes Junction	28.44	43	SW	5	6	28.42	- 09	43	42	+ 5	WSEW	6	43	37	0.33
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudeanaes ...	29.31	44	41	SSW	8	0	5	Valencia ...	29.94	52	50	WSEW	4	om	5
Sumburgh Head	29.05	35	34	W	6	0	6	Scilly ...	30.01	49	46	WNW	4	0	4
Stornoway ...	29.27	41	39	W	7	6	5	Dover ..	29.87	48	46	WSEW	3	6	2
Aberdeen ...	29.85	44	41	WSEW	4	6	2	London ...	29.90	49	44	W	3	6	*
Shields ...	29.55	49	45	W	7	6	2	Yarmouth ...	29.81	46	44	W	3	6	3
Ardrossan ...	29.53	49	47	W	4	0	3	Jersey ...	29.99	48	48	WNW	3	1	3
Mullaghmore ...	29.64	49	47	WSEW	8	om	6	Rochefort ...	30.15	41	40	E	4	0	2
Holyhead ...	29.82	48	45	WSEW	4	6	4								

The barometer continues to fall generally and steep gradients for W winds are extending over the whole Kingdom. Moderate W gales are reported at Stornoway and Shields, but on our S^W coasts the wind is at present moderate. Hail and sleet showers are falling at Stornoway.

EXPLANATION OF COLUMNS.

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

F O R

SUNDAY 23RD DECEMBER,

1883.

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on

Sunday 23rd Dec: 1883

BAROMETER, WIND & SEA

Explanation of Map

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

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

Wind. Arrows show the prevalent winds.

They fly with the wind, and their barbs and feathers refer to force thus:-

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

○ - dead calm.

Sea Disturbance, where considerable is shown by shading round the coast.

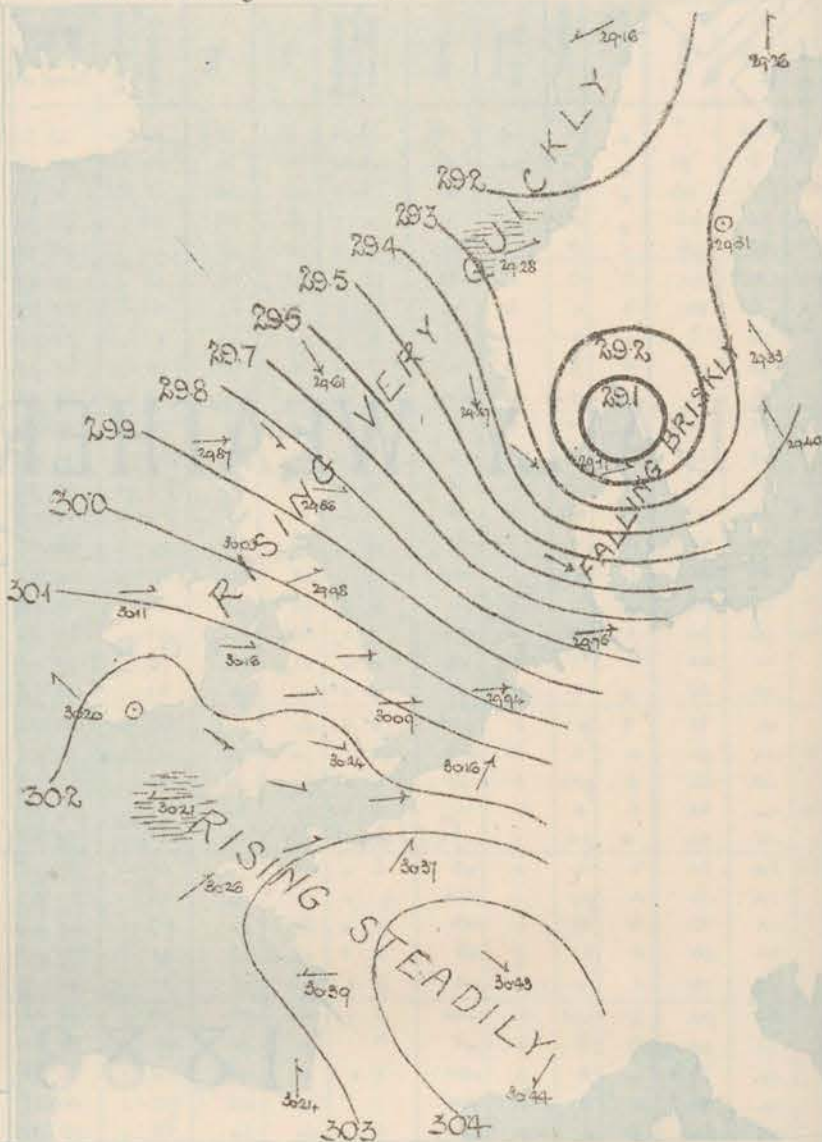
thus: - Rough, - High.

MEAN^s HEIGHT of the BAROMETER

at 8 a.m. for the month of December

Stations	Mean Barometer
Samburgh Head	29.68
Stornoway	29.71
Wick	29.73
Nairn	29.74
Aberdeen	29.75
Leith	29.80
Glasgow	29.86
York	29.87
Abercromby	29.88
Dunburgh	29.89
Holyhead	29.90
Liverpool	29.92
Belfast	29.93
Rochester Point	29.94
Pembroke	29.97
Sally	29.98
Burn Castle	29.99
Dover	30.00
LONDON	30.01
Oxford	30.02
Cambridge	30.03
Wormouth	30.04

* These figures are for the 10 years 1871 to 1880.



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 barometer 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.

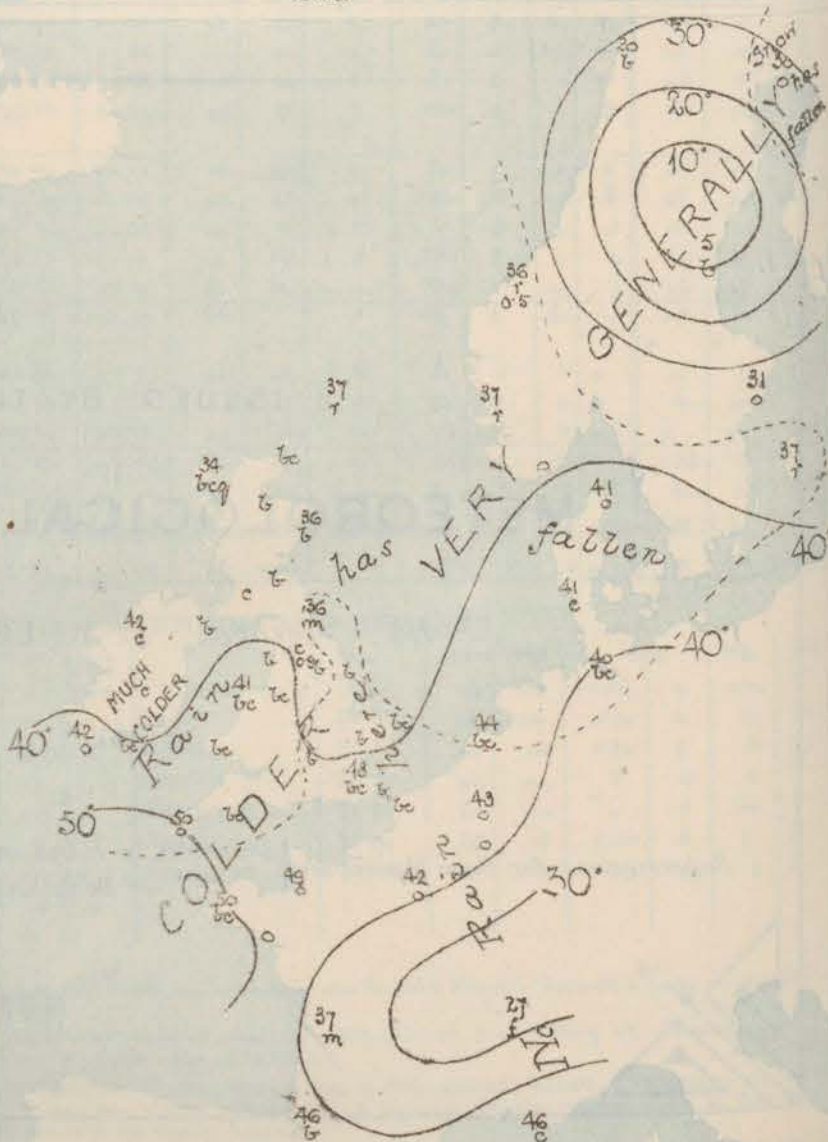
Falls of 0.4 in. or more are quoted in figures.

MEANS^s OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of December

Stations	Temp.	Rainfall.
Samburgh Head	39.0	4.73
Stornoway	38.8	5.61
Wick	37.8	3.21
Nairn	38.0	1.01
Aberdeen	36.8	5.42
Leith	36.4	1.00
Glasgow	36.2	0.00
York	36.2	2.07
Abercromby	34.7	5.77
Dunburgh	40.1	2.85
Holyhead	42.9	4.00
Liverpool	39.7	2.00
Belfast	40.2	5.05
Rochester Point	42.9	4.09
Pembroke	43.7	4.25
Sally	47.2	4.30
Burn Castle	40.0	2.90
Dover	41.0	3.51
LONDON	39.0	5.28
Oxford	37.4	2.30
Cambridge	38.3	2.02
Wormouth	37.9	2.00

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880, the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Sunday 23rd Decr. 1883 at 8 a.m.

The depression which was approaching our western coast yesterday morning was at first very shallow and passed across Scotland during the latter part of the day. In the course of the night, however, it appears to have become much deeper and its centre now lies in the neighbourhood of the Slazko Rack. In its rear a very brisk recovery of pressure has taken place over the whole of our Islands, while the winds after blowing strongly from SW. have veered to W. or NW. and moderated. On the eastern shore of the North Sea, however, strong W⁺ winds are now blowing. The weather is rainy in the N. of Norway, but generally fair in our Islands and France. Temperature has fallen several degrees, and now ranges from 50° at Scilly to 33° at Kairn and Karsnotown.

The sea is rather rough at Scilly, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

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

DISTRICTS

FORECASTS

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

NONE
ISSUED

DISTRICTS

FORECASTS

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

NONE
ISSUED

WARNINGS

The S. cone has been lowered this morn^g in districts 8, 10 and part of 5.

METEOROLOGICAL OBSERVATIONS FOR 23RD DEC.

1888

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 3 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 5).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).		Reading at 3 p.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Max.	Min.				
Haparanda	29.25	26	S	4	0	29.26	+ 0.2	30	20	+ 3	5	2	0	?	?	0.20			
Hernösand	29.17	6	Z	0	0	29.31	+ 1.9	5	5	—	11	Z	0	23	1	—			
Stockholm	29.21	34	NSW	2	0	29.30	+ 1.2	31	31	—	3	SSE	2	37	23	—			
Wisby	29.43	38	NSW	6	0	29.40	+ 0.4	37	34	—	1	SSE	2	39	36	0.04			
Bodö	28.96	30	ENE	4	0	29.16	+ 3.4	30	27	—	4	ENE	2	34	28	—			
Christiansund	29.08	39	N	4	0	29.28	+ 4.0	30	35	—	1	NSW	4	39	32	0.47			
†Skudesnaes	29.41	40	Z	0	0	29.47	+ 2.2	37	35	—	4	NNW	4	43	?	0.08			
Oxö (Xiänsund)	29.44	40	NNW	4	0	29.20	+ 0.1	37	35	—	7	NNW	6	?	36	0.35			
Skagen (The Skaw)	29.47	37	N	5	0	29.11	—	24	41	40	0	NSW	4	41	36	0.32			
Fanö	29.62	44	NSW	6	0	29.36	—	0.1	41	39	—	2	NNW	6	45	41	0.20		
Cuxhaven	29.60	44	N	4	0	29.70	+ 0.8	40	40	—	4	N	4	44	39	0.05			
†Sumburgh Head	29.31	38	N	2	0	29.61	+ 4.4	37	36	—	3	NN	5	41	33	0.15			
†Stornoway	29.39	36	NNW	3	0	29.87	+ 5.1	34	30	—	4	N	5	39	31	0.05			
Wick	29.36	37	SW	2	0	29.87	+ 5.0	34	32	—	2	NN	3	33	32	0.4			
Nairn	29.41	38	N	1	0	29.89	+ 4.8	37	32	—	5	Z	3	42	33	0.1			
†Aberdeen	29.29	40	Z	0	0	29.86	+ 4.6	36	33	+	1	NN	4	41	32	0.31			
Leith	29.29	49	N	4	0	29.95	+ 3.4	37	35	—	12	N	2	30	35	0.17			
†Shields	29.32	50	NSW	5	0	29.98	+ 4.3	30	34	—	13	NSW	3	31	35	—			
Spurn Head	29.67	47	SW	5	0	30.02	+ 3.2	40	35	—	5	N	6	45	37	—			
York	29.67	49	N	3	0	30.09	+ 4.2	38	36	—	9	N	4	51	36	0.01			
Loughborough	29.49	47	NSW	5	0	30.14	+ 3.4	38	35	—	9	NSW	2	49	38	—			
†Ardrossan	29.46	45	N	3	0	30.03	+ 3.5	39	38	—	8	N	2	43	38	0.43			
†Mullaghmore	29.62	45	NNW	6	0	30.11	+ 3.6	40	38	—	6	N	4	51	41	0.17			
Donaghadee	29.55	47	N	4	0	30.11	+ 5.1	35	34	—	13	N	4	50	34	0.04			
Parsonstown	29.72	47	NSW	4	0	30.21	+ 4.8	38	32	—	13	S	1	50	32	—			
Barrow-in-Furness	29.91	47	SW	5	0	30.12	+ 4.5	41	38	—	6	N	2	48	40	0.09			
†Holyhead	29.69	49	SW	5	0	30.16	+ 4.1	41	38	—	8	NNW	2	50	40	—			
Liverpool (Bidston)	29.68	48	SW	5	0	30.13	+ 3.8	41	38	—	8	N	5	50	41	0.07			
†Valencia	29.86	48	NN	5	0	30.20	+ 4.4	42	40	—	8	SE	3	52	39	0.05			
Roche's Point	29.82	48	SW	5	0	30.20	+ 3.7	38	37	—	12	NE	1	51	36	0.06			
Pembroke	29.84	49	NSW	5	0	30.22	+ 3.5	43	39	—	6	NNW	2	50	42	0.03			
†Scilly	29.95	50	SW	6	0	30.21	+ 3.4	39	47	+	1	E	1	50	47	0.03			
Prawle Point	29.98	48	NSW	5	0	30.26	+ 3.5	42	45	—	6	NNW	1	49	41	0.08			
Hurst Castle	29.99	48	NSW	5	0	30.22	+ 2.2	40	41	—	4	NNW	4	49	41	0.02			
†Dover	29.97	45	NSW	5	0	30.17	+ 2.0	45	44	+	2	NN	3	48	42	—			
†London	29.94	47	NSW	6	0	30.24	+ 2.9	43	40	—	0	NNW	1	51	44	—			
Oxford	29.91	47	SW	5	0	30.22	+ 3.0	40	37	—	4	N	2	49	40	—			
Cambridge	29.87	46	SW	2	0	30.19	+ 3.3	38	36	—	5	N	1	50	38	—			
†Yarmouth	29.84	46	SW	4	0	30.09	+ 3.7	39	37	—	5	N	4	48	37	—			
The Helder	29.81	46	SW	5	0	29.94	—	44	41	—	1	N	4	46	39	0.04			
Cape Gris Nez	30.04	46	SW	4	0	30.18	+ 4.4	48	47	+	2	N	5	48	45	—			
†Jersey	30.07	46	SW	4	0	30.27	+ 3.0	49	47	+	3	NSW	3	49	45	—			
Brest	30.12	48	SW	5	0	30.26	+ 3.7	50	?	+	3	SW	3	?	45	—			
Lorient	30.15	49	SW	3	0	30.31	+ 3.9	53	47	+	4	SW	1	50	45	—			
†Rochefort	30.23	32	E	5	0	30.39	+ 3.7	37	?	—	0	E	4	44	30	?			
Biarritz	30.15	46	E	2	0	30.24	+ 3.4	46	41	+	11	S	1	50	?	—			
Coranna	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?			
Brussels	?	?	?	?	?	30.16	+ 3.5	43	42	—	1	SW	5	45	41	—			
Charleville	30.15	39	SSW	5	0	30.24	+ 3.4	39	37	—	1	SSW	1	47	37	—			
Paris	30.25	42	SW	1	0	30.37	+ 3.8	42	41	—	2	SW	3	?	?	—			
Lyons	30.29	36	N	1	0	30.43	+ 3.2	27	26	—	4	NN	1	37	26	—			
Toulon	30.31	46	E	1	0	30.44	+ 3.9	46	45	—	3	NE	3	54	45	—			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.41	42	NSW	6	0	28.47	+ 0.5	34	32	—	9	SW	3	44	22	0.86			

HIGH LEVEL STATION.

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

Hawes Junction	28.41	42	NSW	6	0	28.47	+ 0.5	34	32	—	9	NN	0	44	22	0.86			
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	
Skudesnaes ...	29.34	42	40	N	7	5	Valencia ...	29.42	51	51	SW	7	mm	6
Sumburgh Head	29.28	40	36	NNW	4	4	Scilly ...	29.95	50	49	SW	5	spd	6
Stornoway ...	29.39	39	38	NSW	4	2	Dover ..	29.95	46	45	NSW	5	bc	3
Aberdeen ...	29.43	40	39	SW	1	1	London ...	29.94	51	46	SW	4	0	*
Shields ...	29.53	51	46	NSW	4	2	Yarmouth ...	29.88	48	45	NSW	4	e	3
Ardrossan ...	29.41	48	48	S	5	4	Jersey ...	30.06	46	45	SW	4	0	4
Mullaghmore ...	29.45	51	50	NSW	7	6	Rochefort ...	30.23	39	38	E	3	m	2
Holyhead ...	29.70	49	47	SW	5	5								

The barometer continues to rise in the N., but is falling elsewhere. Moderate SW or N. gales are reported at the Irish stations with rain at Mullaghmore and Valencia. In the N. and E. the wind is moderate and the weather fair. Sea is rather rough at Holyhead slight at Dover.

EXPLANATION OF COLUMNS.

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

DAILY WEATHER REPORT

FOR

MONDAY 24TH DECEMBER,

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on

MONDAY 24th DEC^r

1883

BAROMETER, WIND & SEA.

Explanation of Map.

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

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

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

→ force above 10, → force 8 to 10

→ force 5 to 7, → force 2 to 4

○ lead calm

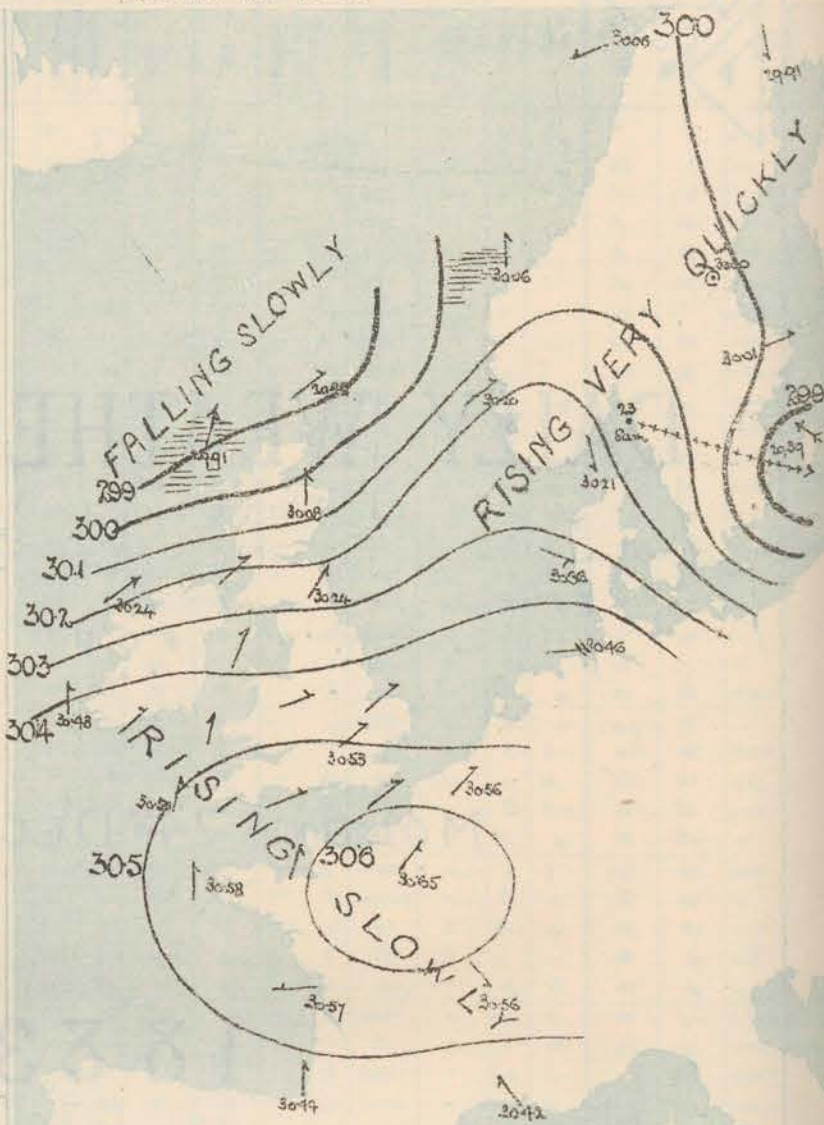
Sea Disturbance, where considerable, is shown by shading round the coast thus Rough, High.

MEAN^r HEIGHT of the BAROMETER

at 8 a.m. for the month of December

Stations	Mean Readings
Sunbury Head	29.820
Stornoway	29.701
Wick	29.712
Swan	29.791
Aberdeen	29.760
Leith	29.800
Shields	29.836
York	29.872
Ardrossan	29.810
Donaghadee	29.831
Ballyhead	29.858
Liverpool	29.892
Valencia	29.879
Roches Point	29.909
Pembroke	29.897
Selly	29.943
Burst Castle	29.958
Dover	29.942
LONDON	29.959
Oxford	29.957
Cambridge	29.955
Birmingham	29.952

* These means are for the 10 years 1871 to 1880.



REMARKS

Monday 24th December 1883 at 8 a.m.

The depression which lay yesterday morning in the neighbourhood of the Skager Rack appears to have moved away E^W, and the recovery of pressure there noticed over our Islands & France has extended to the eastern shores of the North Sea. At Skagen there is in the barometer has succeeded one inch. An anticyclone with readings about 30.6 ins. now lies over Central France, but depressions are apparently striking our extreme N.W. & N. coasts & at Lumburgh N.W. of Norway a slight fall of the barometer has taken place during the night. S.W. winds prevail at all but the S. French Station & may in force from a light breeze in the S.E. to a moderate gale in the Hebrides. The weather is cloudy in most places, with rain in the S. of Ireland & at Holyhead. A solar halo was observed at Stornoway & Oxford yesterday, & a lunar halo at Mullaghmore. Temperature has fallen a little at one or two of our S. Stations, but risen quickly in the N.W.; readings now range from 52° at Mullaghmore to 40° at Spurn N.E. & Harwich. The sea is rather rough at Stornoway, moderate to smooth elsewhere.

The rapid rise of temperature which has taken place in the N.W. appears to indicate that further depressions may be expected to arrive on our N. coast shortly.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the
25th Dec.

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



DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^W & N ^W Strong winds or gales; cloudy, rain at times
2 SCOTLAND EAST	S ^W winds, moderate to fresh, fair generally
3 ENGLAND N.E.	-----D-----D-----D-----
4 ENGLAND EAST	Same as N ^o 5
5 MIDLAND COUNTIES	Same as N ^o 5
6 ENGLAND SOUTH	S ^W winds, light or moderate; fair generally

DISTRICTS

FORECASTS

6 SCOTLAND WEST	S ^W winds, freshening; cloudy, some rain
7 ENGLAND N.W.	-----D-----D-----D-----
8 ENGLAND S.W.	S ^W & N ^W winds, fresh, fair to cloudy & some rain
9 IRELAND NORTH	S ^W & N ^W winds, strong, perhaps a gale; unsettled, rain at times
10 IRELAND SOUTH	-----D-----D-----D-----
WARNINGS	The S. Cone was hoisted last evening in districts 9, 8, 9, 10 and part of 1

METEOROLOGICAL OBSERVATIONS FOR 24TH DEC. 1883

YESTERDAY EVENING.										8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	Barometer at 3 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 3).	SHADE TEMP.		Amount of Rainfall.						
			Dirce.	Force. (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.							
Haparanda	29.56	27	N	2	0	29.91	+ .65	26	25	-	4	N	4	0	30	25	-						
Hernösand	29.61	27	Z	0	5	30.00	+ .69	31	?	+	26	Z	0	0	?	?	-						
Stockholm	29.53	27	N	6	0	30.01	+ .68	28	27	-	3	WNH	4	0	36	28	0.04						
Wisby	29.38	37	N	9	0	29.89	+ .49	25	22	-	2	SE	5	0	41	32	0.03						
Bodö	29.24	31	ENE	2	0	30.06	+ .90	26	24	-	4	ENE	4	0	30	25	-						
Christiansund	29.75	40	WNW	8	0	30.06	+ .78	39	26	+	3	S	3	0	41	32	0.12						
†Skudesnes	30.00	41	NH	8	0	30.20	+ .73	42	39	+	5	SSW	4	0	48	37	-						
Oxö (Xiänsund)	29.91	40	NH	6	0	30.24	+ .94	38	33	+	1	W	2	0	?	37	-						
Skagen (The Skaw)	29.88	40	NNH	5	0	30.21	+ .70	39	36	-	2	NNH	4	0	42	36	0.02						
Fanö	30.13	40	NH	6	0	30.36	+ .80	39	38	-	2	NNH	4	0	42	37	-						
Cuxhaven	29.95	40	WNW	6	0	30.46	+ .70	40	40	0	W	3	0	0	41	36	-						
†Sumburgh Head	30.00	39	NH	3	0	29.88	+ .27	45	44	+	8	SW	4	0	45	37	0.07						
†Stornoway	30.03	41	S	5	0	29.91	+ .04	51	51	+	17	SSW	7	0	51	32	0.25						
Wick	30.12	34	NH	1	0	29.97	+ .10	45	44	+	11	W	2	0	45	32	0.27						
Nairn	30.04	34	Z	0	0	29.98	+ .10	45	46	+	15	W	4	0	45	30	0.07						
†Aberdeen	30.20	33	NSW	2	0	30.08	+ .22	42	41	+	6	S	2	0	42	31	0.21						
Leith	30.24	40	W	1	0	30.19	+ .24	41	40	+	14	W	2	0	51	30.4	0.04						
†Shields	30.20	39	NSW	1	0	30.24	+ .26	48	45	+	12	SW	1	0	45	35	0.02						
Spurn Head	30.34	40	W	3	0	30.27	+ .25	40	40	0	SSW	3	0	0	42	36	-						
York	30.26	40	W	1	0	30.37	+ .28	43	42	+	5	SW	3	0	44	36	-						
Loughborough	30.40	29	SW	1	0	30.42	+ .28	45	44	+	7	NSW	3	0	45	37	-						
†Ardrossan	30.22	44	SW	2	0	30.22	+ .19	47	47	+	8	SW	3	0	47	37	0.21						
†Mullaghmore	30.14	44	SSW	5	0	30.24	+ .13	50	51	+	10	SW	5	0	50	40	0.03						
Donaghadee	30.26	41	SSW	3	0	30.25	+ .14	50	49	+	15	NNW	6	0	50	34	0.02						
Parsonstown	30.25	42	SSW	1	0	30.27	+ .16	48	47	+	15	NSW	1	0	48	32	-						
Barrow-in-Furness	30.32	47	SW	2	0	30.35	+ .23	45	44	+	4	SW	2	0	46	40	-						
†Holyhead	30.32	44	SW	1	0	30.36	+ .20	47	47	+	6	SSW	4	0	47	37	0.04						
Liverpool (Bidston)	30.26	40	S	2	0	30.39	+ .26	49	47	+	8	SSW	2	0	49	37	-						
†Valencia	30.24	48	SE	6	0	30.43	+ .22	50	50	+	8	S	4	0	49	41	0.02						
Roche's Point	30.30	48	SSW	4	0	30.43	+ .22	49	48	+	11	SW	3	0	48	38	0.10						
Pembroke	30.26	45	S	2	0	30.46	+ .26	48	47	+	5	SSW	3	0	50	42	0.03						
†Scilly	30.32	50	SSW	4	0	30.50	+ .29	48	48	-	2	SSW	2	0	51	47	0.02						
Prawle Point	30.41	46	ENE	1	0	30.55	+ .29	46	46	+	4	W	1	0	49	41	0.03						
Hurst Castle	30.42	29	SSW	1	0	30.55	+ .20	46	46	+	4	NSW	1	0	47	35	0.02						
†Dover	30.43	38	NNW	2	0	30.54	+ .27	43	42	-	2	NSW	1	0	46	35	-						
†London	30.42	38	NNH	1	0	30.60	+ .29	45	44	+	2	SW	3	0	45	33	-						
Oxford	30.47	37	W	1	0	30.50	+ .28	47	47	+	7	SW	3	0	47	37	-						
Cambridge	30.41	39	Z	0	0	30.49	+ .30	42	42	+	4	S	1	0	45	34	-						
†Yarmouth	30.34	37	NNH	3	0	30.44	+ .30	40	39	+	1	SW	3	0	42	34	-						
The Helder																							
Cape Gris Nez	30.44	42	N	3	0	30.55	+ .27	41	40	-	7	SW	3	0	50	36	-						
†Jersey	30.44	48	NSW	2	0	30.57	+ .30	44	44	-	5	SSW	1	0	50	43	0.05						
Brest	30.42	50	SE	2	0	30.58	+ .32	46	45	-	4	S	3	0	54	45	-						
Lorient	30.46	45	ESE	3	0	30.58	+ .26	37	37	-	13	ESE	4	0	52	39	-						
†Rocheport	30.53	38	SE	3	0	30.57	+ .18	37	37	+	1	E	4	0	46	32	-						
Biarritz	30.38	47	E	2	0	30.44	+ .20	37	36	-	9	S	1	0	55	?	-						
Corunna																							
Brussels						30.56	+ .40	36	35	-	7	SW	3	0	46	35	-						
Charleville	30.41	41	SW	3	0	30.57	+ .33	32	?	-	7	NNH	1	0	47	30	-						
Paris	30.44	46	SW	3	0	30.65	+ .28	42	42	-	0	SW	1	0	?	?	-						
Lyons	30.52	30	NW	1	0	30.56	+ .18	36	36	+	9	NNH	1	0	?	27	-						
Toulon	30.47	48	W	3	0	30.62	+ .02	42	39	-	4	SE	1	0	55	41	-						
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																							
Hawes Junction	28.47	34	SW	1	0	28.45	- .02	43	43	-	3	NSW	4	0	43	30	-						

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

Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnes	29.77	41	38	NW	8	0	5	Valencia			
Sumburgh Head								Scilly			
Stornoway								Dover			
Aberdeen								London			
Shields								Yarmouth			
Ardrossan								Jersey			
Mullaghmore								Rocheport	30.44	43	41
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). † Received too late for insertion in chart.



DAILY WEATHER REPORT

F O R

TUESDAY 25TH DECEMBER

1883.


ISSUED BY THE

METEOROLOGICAL OFFICE

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S. W.

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(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on

Tuesday 25th Dec:

1888

BAROMETER, WIND & SEA.

Explanation of Map

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

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

Wind. Arrows show the prevalent 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 Disturbances. where squalls, etc. are shown by shading (rough) the sea thus— (Rough) High.

MEAN^s HEIGHT of the BAROMETER

at 8 a.m. for the month of December

Stations	Mean Readings
Sunderland Head	30.60
Stornoway	30.70
Wick	30.71
Nairn	30.74
Aberdeen	30.75
Leith	30.80
Shields	30.83
York	30.87
Ardrossan	30.88
Donaghadee	30.88
Holyhead	30.88
Liverpool	30.89
Valencia	30.89
Roche's Point	30.90
Pembroke	30.91
Sally	30.92
Howe's Castle	30.92
Dover	30.93
LONDON	30.94
Oxford	30.97
Cambridge	30.98
Birmingham	30.97

* These means are for the 10 years 1871 to 1880.

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.

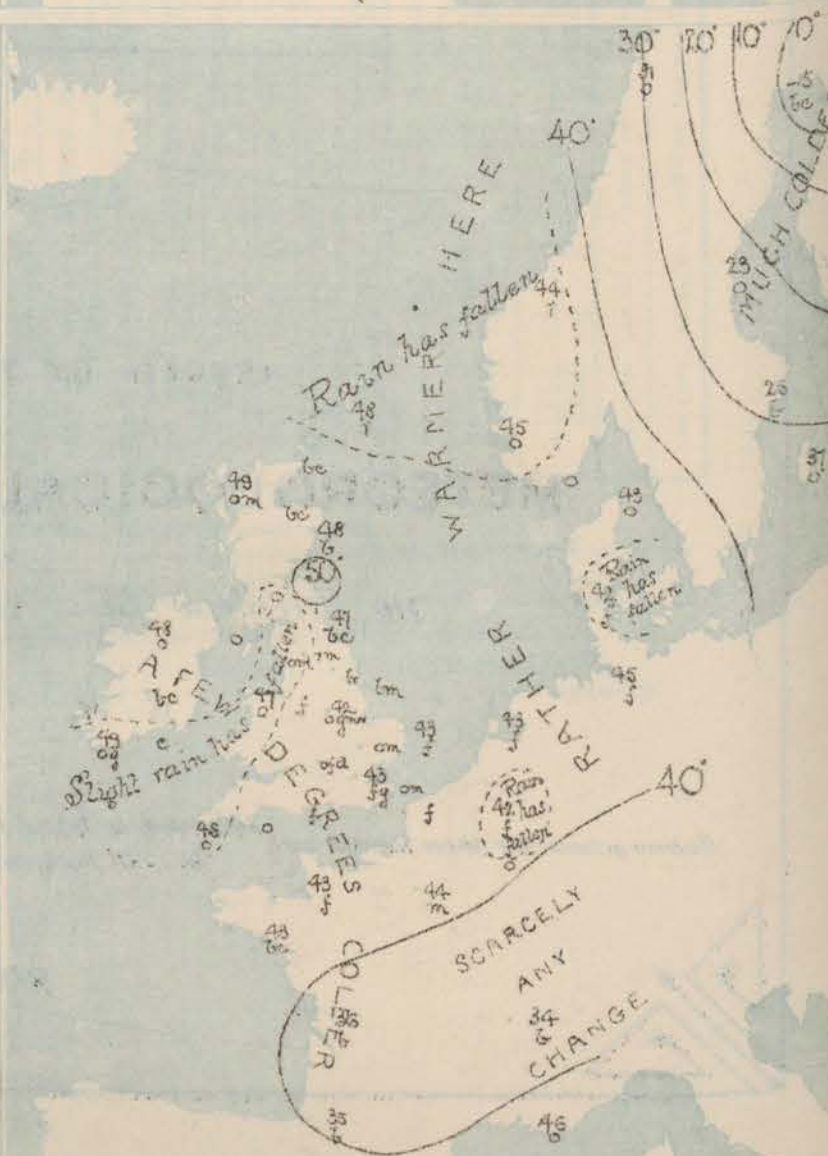
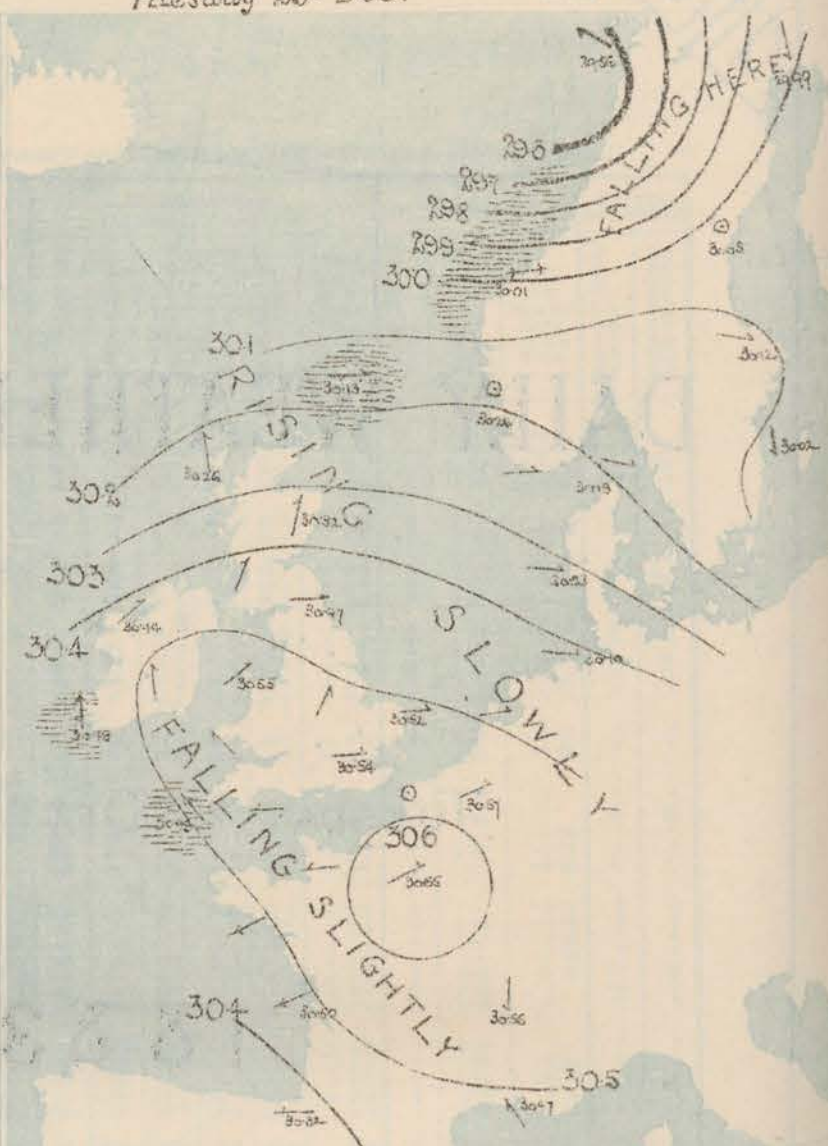
Falls of 0.5 in. or more, are quoted in figures.

MEANS^s OF TEMPERATURE AT 8 A.M. AND RAINFALL

for the month of December

Stations	Temp.	Rainfall
Sunderland Head	39.0	4.13
Stornoway	38.0	6.01
Wick	37.9	6.94
Nairn	36.9	2.07
Aberdeen	36.9	3.45
Leith	36.4	1.85
Shields	36.2	3.03
York	36.2	1.64
Ardrossan	36.1	4.17
Donaghadee	36.1	2.85
Holyhead	35.9	1.07
Liverpool	35.7	2.80
Valencia	34.7	0.15
Roche's Point	34.9	0.89
Pembroke	34.7	4.26
Sally	34.2	4.16
Howe's Castle	34.0	2.94
Dover	34.0	0.32
LONDON	33.7	2.20
Oxford	37.0	2.19
Cambridge	36.2	2.62
Birmingham	37.9	2.50

* These mean 8 a.m. temperatures are for the 10 years 1871 to 1880, the mean amounts of Rain are mainly those for the 25 years 1865 to 1889.



REMARKS

for Tuesday 25th Dec.

1883 at 8 a.m.

In the course of the past 24 hours the barometer has continued to rise at all our south-western stations, where a slight fall has taken place. An anticyclone still lies over Central France, while a rather deep depression exists off the NW of Norway. The wind is strong from E. in the west of France, and moderate from SE. in the S of England, but elsewhere it varies between S. and W. The weather is fine in the east of Scotland, and north east of England, but cloudy or overcast in all other districts with mist or fog over England. A little rain fell yesterday on our W. coasts. Temperature has fallen slightly in most places, and winds now range from 50° at Leith to 40° at Spinn Head & Barmston.

The sea is rather rough on our SW coasts as well as at Dundee, W. moderate to smooth elsewhere.

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

The S. cone is still flying in districts 6, 8, 9, 10 and part of 1.

METEOROLOGICAL OBSERVATIONS FOR 25TH DECEMBER. 1883

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 3 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 3).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force (0 to 12).		Reading at 3 p.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).		Weather.	Max.		Min.		
Haparanda	30.08	5	N	4	b	29.99	+ .08	-5	-5	-	31	N	2	bc	0	2	-		
Hernösand	30.06	18	Z	0	o	30.08	+ .08	23	?	-	8	Z	0	o	0	1	-		
Stockholm	30.11	26	SW	2	o	30.12	+ .11	25	25	-	3	WNW	2	bc	0	36	25		
Wisby	30.08	32	NW	6	o	30.02	+ .10	27	35	+	2	N	4	o	0	37	30		
Bodö	29.50	25	ENE	6	o	29.56	- .08	31	29	+	5	ESE	4	o	3	?	23		
Christiansund	29.78	43	WSW	8	o	30.04	- .05	44	42	+	6	W	8	r	6	45	36	0.24	
†Skudesnes	30.15	42	WSW	4	o	30.24	+ .09	45	44	+	3	Z	0	o	4	?	?	0.32	
Örö (Xiansund)	30.12	44	WSW	6	o	30.21	- .03	44	42	+	6	W	4	o	3	45	?	-	
Skagen (The Skaw)	30.12	40	W	3	o	30.19	- .02	43	42	+	4	WNW	2	o	2	43	34	-	
Fanö	30.28	41	WSW	4	m	30.35	- .03	42	42	+	3	WNW	4	f	0	42	39	0.04	
Cuxhaven	30.27	44	W	3	f	30.40	- .06	45	45	+	5	WNW	2	f	0	?	37	-	
†Sumburgh Head	30.03	46	W	5	c	30.18	+ .25	48	47	+	3	W	5	r	5	49	45	0.12	
†Stornoway	30.13	49	S	4	om	30.26	+ .35	49	48	-	2	SSE	4	om	4	53	47	-	
Wick	30.14	49	Z	0	bc	30.18	+ .31	47	46	+	2	SW	2	bc	2	53	43	-	
Nairn	30.19	50	W	1	c	30.22	+ .34	49	46	+	1	WSW	3	bc	2	53	47	-	
†Aberdeen	30.21	50	Z	0	om	30.22	+ .24	48	46	+	4	SSW	1	c	1	54	41	-	
Leith	30.24	50	W	1	b	30.43	+ .24	50	48	-	1	W	2	o	0	53	49	-	
†Shields	30.30	52	W	5	o	30.47	+ .28	47	46	-	1	W	2	bc	2	53	45	-	
Spurn Head	30.41	48	WNW	4	b	30.49	+ .12	43	40	0	WSW	3	bc	3	42	37	-		
York	30.43	49	SSW	2	o	30.47	+ .10	43	42	0	WSW	1	b	0	51	40	-		
Loughborough	30.50	49	SSW	1	b	30.56	+ .14	42	42	-	3	SW	2	om	0	55	42	-	
†Ardrossan	30.37	48	SSW	3	r	30.48	+ .26	47	47	0	SSW	2	o	2	48	46	0.03		
†Mullaghmore	30.36	51	SW	5	om	30.44	+ .20	48	45	-	4	SW	4	o	4	53	48	-	
Donaghadee	30.40	51	SW	2	o	30.58	+ .25	49	46	-	4	SSW	1	o	0	51	45	-	
Parsonstown	30.47	49	Z	0	o	30.51	+ .44	49	37	-	8	SSE	1	bc	0	52	39	-	
Barrow-in-Furness	30.43	46	SW	2	o	30.54	+ .19	45	40	0	WSW	1	om	2	46	39	0.03		
†Holyhead	30.47	47	WSW	3	m	30.55	+ .19	47	46	0	SW	2	o	2	48	45	0.04		
Liverpool (Bidston)	30.48	44	W	2	b	30.56	+ .17	44	44	-	5	SE	1	f	1	51	43	-	
†Valencia	30.46	50	S	4	om	30.48	+ .05	49	47	-	1	S	5	bc	5	51	48	0.01	
Roche's Point	30.50	47	WSW	3	c	30.50	+ .07	48	47	-	1	SSW	3	c	4	52	45	0.04	
Pembroke	30.54	49	WSW	2	c	30.56	+ .10	45	45	-	3	SE	2	bc	1	49	41	0.02	
†Scilly	30.52	50	S	1	c	30.49	- .01	48	47	0	SE	5	o	5	54	45	0.01		
Prawle Point	30.59	45	WNW	2	b	30.55	+ .03	46	45	0	E	2	o	2	52	43	-		
Hurst Castle	30.59	46	WSW	2	o	30.59	+ .04	48	43	-	3	N	1	f	1	50	42	-	
†Dover	30.50	47	WSW	3	om	30.58	+ .04	44	43	+	1	WNW	1	om	1	47	42	-	
†London	30.56	48	SW	1	o	30.54	+ .04	43	42	-	2	W	1	fg	0	49	41	-	
Oxford	30.57	46	SW	2	o	30.59	+ .09	42	42	-	5	Z	0	fgd	0	48	42	-	
Cambridge	30.51	46	W	1	o	30.57	+ .08	43	43	+	1	SW	1	om	0	50	41	-	
†Yarmouth	30.45	46	W	?	bc	30.53	+ .08	43	43	+	3	W	2	f	3	49	38	-	
The Helder	30.47	44	SW	1	c	30.48		43	43			W	1	f	3	45	41	-	
Cape Gris Nez	30.55	46	WSW	5	of	30.56	+ .01	46	46	+	5	S	1	f	0	48	39	-	
†Jersey	30.60	44	Z	0	om	30.56	- .04	43	43	-	1	E	0	f	3	46	42	-	
Brest																			
Lorient	30.07	42	ESE	4	o	30.48	- .10	43	41	+	6	ENE	4	bc	2	50	37	-	
†Rochefort	30.55	41	ENE	4	b	30.50	- .07	36	36	-	2	ENE	4	b	2	46	32	-	
Biarritz	30.42	45	N	1	b	30.22	- .12	25	?	-	2	E	1	b	1	57	32	-	
Cornwall																			
Brussels						30.57	+ .01	42	42	+	6	WSW	1	f	0	43	?	0.16	
Charleville	30.60	32	WNW	1	b	30.57		34	30	+	2	NW	1	o	0	57	28	-	
Paris	30.64	42	SW	4	f	30.65		44	42	+	2	WSW	1	m	0	?	?	-	
Lyons	30.54	38	N	4	c	30.50		34	33	-	2	N	3	b	0	43	34	-	
Toulon	30.40	45	S	1	m	30.47	+ .05	46	43	+	4	SE	4	o	2	50	?	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.06	40	WSW	2	f	29.08	+ .63	41	41	-	2	WSW	4	rm	0	45	41	0.04	

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.14	43	42	S	8	r	5	Valencia ...	30.45	51	51	SSW	4	omd	4
Sumburgh Head	47.91	44	47	SW	4	bc	4	Scilly ...	30.51	52	44	SSW	2	c	4
Stornoway ...	30.04	50	44	SW	4	om	4	Dover ..	30.02	46	46	WSW	3	om	1
Aberdeen ...	30.21	47	46	SSW	1	c	1	London ...	30.52	44	45	WSW	1	om	0
Shields ...	30.26	53	50	W	6	o	3	Yarmouth ...	30.40	46	46	WSW	4	f	3
Ardrossan ...	30.30	48	48	SSW	3	r	3	Jersey ...	30.27	44	44	SSW	2	o	2
Mullaghmore	30.37	52	51	SW	4	om	3	Rochefort ...	30.51	43	42	E	5	o	2
Holyhead ...	30.42	47	47	SW	3	m	3								

The barometer is falling a little in the SE. of England, but continues to rise elsewhere. Moderate SW winds prevail generally, with dull, misty weather, and drizzling rain at Valenciennes. Sea is slight at Holyhead, smooth at Dover.

EXPLANATION OF COLUMNS.

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

DAILY WEATHER REPORT

FOR

WEDNESDAY 26TH DECEMBER,

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on

Wednesday 26th Dec:

1888

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,

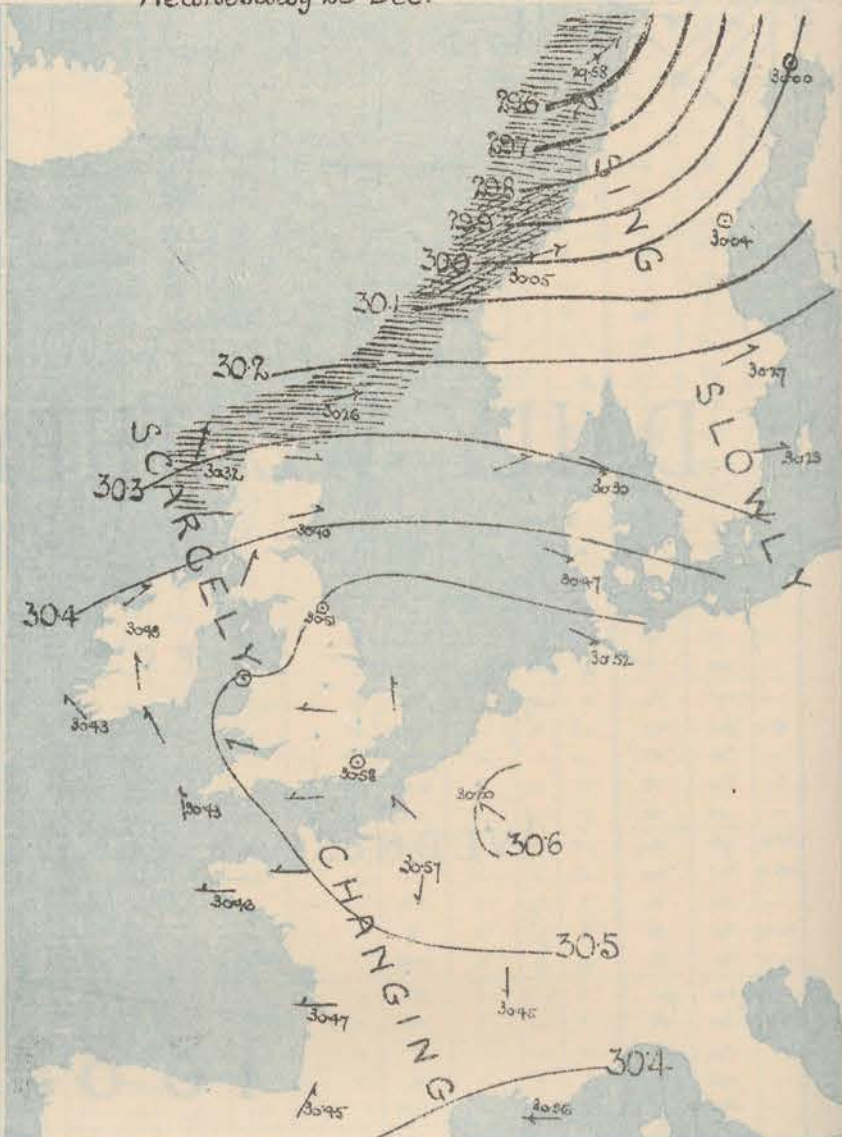
thus - Rough, - High.

MEAN* HEIGHT of the BAROMETER

at 8 a.m. for the month of December

Stations.	Mean Readings
Sumburgh Head	29.680
Sornoway	29.701
Wick	29.712
Nairn	29.741
Aberdeen	29.780
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.810
Donaghadee	29.832
Holyhead	29.868
Liverpool	29.882
Valencia	29.879
Roche's Point	29.889
Pembroke	29.897
Scilly	29.903
Hurst Castle	29.938
Dover	29.942
LONDON	29.934
Oxford	29.957
Cambridge	29.916
Yarmouth	29.902

* These means are for the 10 years 1871 to 1880.



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.

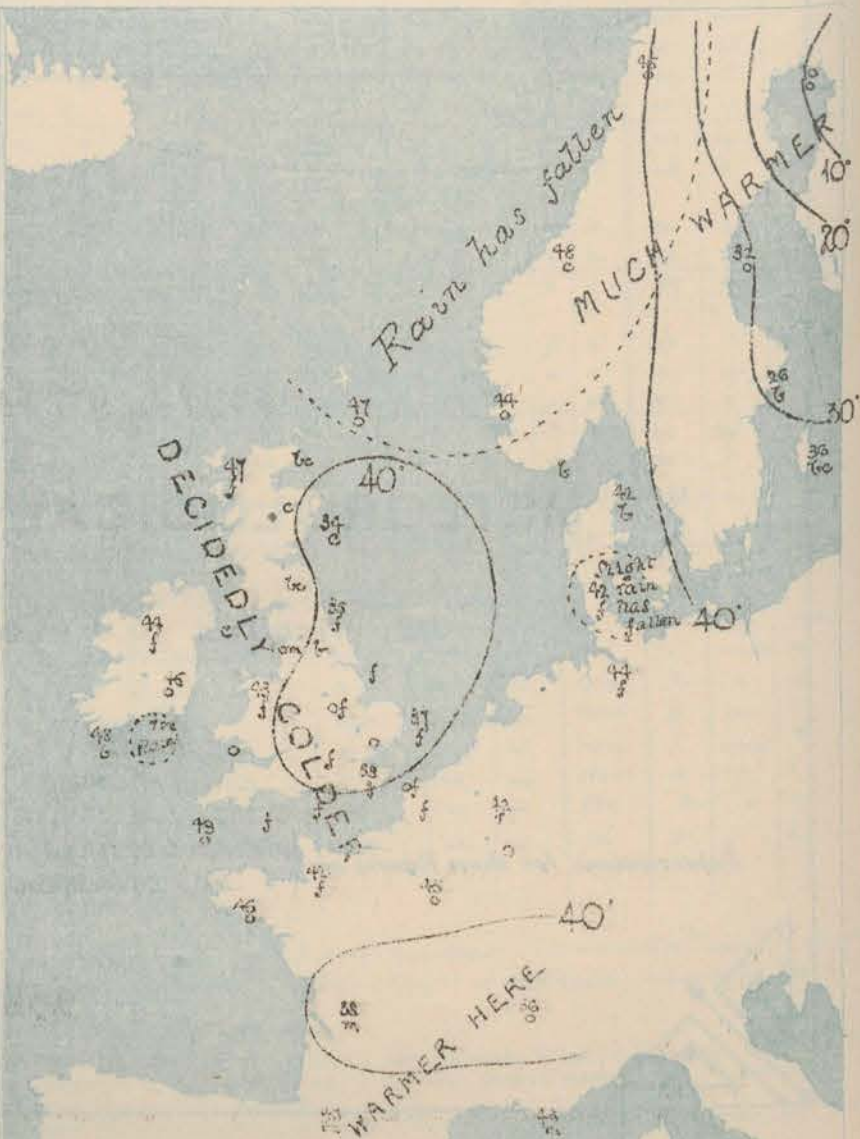
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of December

Stations.	Temp.	Rainfall.
Sumburgh Head	39.0	4.13
Sornoway	38.9	5.61
Wick	37.8	3.21
Nairn	36.9	2.07
Aberdeen	36.9	3.42
Leith	38.4	1.95
Shields	39.2	8.03
York	36.2	2.59
Ardrossan	40.1	4.17
Donaghadee	40.1	2.85
Holyhead	42.9	4.05
Liverpool	39.1	2.89
Valencia	44.7	6.05
Roche's Point	42.4	4.89
Pembroke	43.7	4.26
Scilly	47.2	4.10
Hurst Castle	40.5	2.98
Dover	40.0	3.51
LONDON	38.1	2.28
Oxford	37.8	2.19
Cambridge	36.3	2.02
Yarmouth	37.9	2.99

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880, the means are quoted. * Rain, are mainly those for the 15 years 1868 to 1880.



REMARKS

for Wednesday 26th December 1883 at 8 a.m.

The distribution of pressure is very similar to that reported yesterday. a large anticyclone still lies over the greater part of England & France, while the lowest pressures are found to the N^W of our Islands, and the barometer appears to be rising slightly at all but our extreme S^W stations. The wind is light or moderate generally; in the N. of France it is E^{SE} & on our S^W coasts SE^E, but in the N. it is chiefly S^W, while in the SE. variable airs or calms are reported. The weather is fine in the E. of Scotland & also at Valencia, but cloudy or overcast elsewhere, with fog at most of the English stations. Temperatures have fallen a few degrees generally, & readings range from 49° at Seely to 34° at Aberdeen & Loughborough. The maxima registered over Ireland & Scotland yesterday varied between 45° & 51°; but in London the thermometer did not exceed 44°, while at Oxford it only rose to 42°. The sea is rather rough off the S^W coast N. of Scotland slight ^{or smooth} elsewhere. There is no sign of any important change of weather excepting that the gradual fall of temperature is likely to continue.

FORECASTS

for the 24 hours ending at Noon
on the

27th Dec^r

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

MAP SHOWING
DISTRICTS.



DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^W and N ^W winds, moderate; fair generally
2 SCOTLAND EAST	S ^W winds, light; fair, local fogs
3 ENGLAND N.E.	Light variable breezes; dull, foggy, colder
4 ENGLAND EAST	-----D-----D-----D-----
5 MIDLAND COUNTIES	Same as N ^o 5
6 ENGLAND SOUTH	Light breezes, chiefly S ^E ; dull, foggy, colder

DISTRICTS

FORECASTS

6 SCOTLAND WEST	S ^W breezes, light; cloudy, local fogs
7 ENGLAND N.W.	-----D-----D-----D-----
8 ENGLAND S.W.	S ^E winds, light or moderate; dull generally
9 IRELAND NORTH	Same as N ^o 5 & 4
10 IRELAND SOUTH	Same as N ^o 8
WARNINGS	None Issued

METEOROLOGICAL OBSERVATIONS FOR 26th DEC. 1883

YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Baromet. at 3 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 3 p.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Max.	Min.			
Haparanda	29.86	12	Z	0	0	30.00	+ .01	10	10	+ 15	Z	0	0	18	-6	—		
Hernösand	30.07	31	Z	0	0	30.04	— .04	32	31	+ 9	Z	0	0	32	16	—		
Stockholm	30.21	30	WSW	2	0	30.27	+ .15	26	25	+ 1	WSW	2	0	30	23	—		
Wisby	30.16	36	NNW	4	0	30.28	+ .21	36	35	— 1	W	4	0	37	32	—		
Bodö	29.86	39	WSW	8	0	29.58	+ .02	45	43	+ 14	SW	8	0	2	32	0.35		
Christiansund	30.05	40	SE	2	0	30.05	+ .04	48	44	+ 4	WSW	9	0	43	41	0.24		
†Skudesnæs	30.38	46	Z	0	0	?	?	44	44	— 1	E	1	0	46	?	0.20		
Örö (Kjansund)	30.38	45	W	4	0	30.32	+ .11	44	42	— 0	WSW	4	0	45	40	—		
Skagen (The Skaw)	30.30	43	WNW	2	0	30.30	+ .11	42	42	— 1	WNW	4	0	45	39	—		
Fanö	30.47	42	WSW	2	0	30.47	+ .14	42	42	— 0	WNW	4	0	45	41	0.04		
Cuxhaven	30.48	44	WNW	1	0	30.48	+ .12	44	44	— 1	WNW	1	0	44	40	—		
†Sumburgh Head	30.21	47	W	0	0	30.26	+ .13	47	45	— 1	WSW	5	0	48	44	0.01		
†Stornoway	30.24	49	SSW	5	0	30.32	+ .06	47	46	— 2	SSW	5	0	49	44	—		
Wiek	30.22	40	Z	0	0	30.27	+ .09	43	41	— 4	W	1	0	49	37	—		
Nairn	30.28	46	WSW	1	0	30.39	+ .07	41	39	— 8	SW	1	0	50	41	—		
†Aberdeen	30.27	39	SSW	1	0	30.40	+ .08	34	33	— 14	WSW	1	0	45	32	—		
Leith	30.47	47	W	2	0	30.44	+ .01	45	43	— 5	W	1	0	50	43	—		
†Shields	30.58	45	W	2	0	30.51	+ .04	35	35	— 12	Z	0	0	48	33	—		
Spurn Head	30.53	42	W	3	0	30.50	+ .01	37	37	— 3	SSW	3	0	48	35	—		
York																		
Loughborough	30.37	42	WSW	1	0	30.54	— .02	34	34	— 8	ESE	1	0	45	34	—		
†Ardrossan	30.30	45	SW	2	0	30.47	— .01	46	45	— 1	SSW	1	0	47	44	—		
†Mullaghmore	30.45	47	SW	4	0	30.43	— .01	44	42	— 4	SW	2	0	49	41	—		
Donaghadee	30.51	45	ENE	1	0	30.49	— .01	46	40	— 6	S	1	0	46	40	—		
Parsonstown	30.48	42	SE	1	0	30.47	— .04	45	43	+ 5	SSE	1	0	48	39	—		
Barrow-in-Furness	30.51	45	SSW	1	0	30.47	— .07	43	43	— 2	SE	3	0	46	43	—		
†Holyhead	30.53	46	SSW	1	0	30.50	— .05	43	42	— 4	ENE	1	0	47	37	—		
Liverpool (Bidston)	30.54	45	SE	1	0	30.50	— .06	35	35	— 9	ESE	2	0	45	35	—		
†Valencia	30.45	48	SSE	2	0	30.43	— .05	48	46	— 1	SE	1	0	51	45	—		
Roche's Point	30.49	48	S	4	0	30.45	— .05	48	48	— 0	SE	4	0	51	46	0.02		
Pembroke	30.58	43	E	1	0	30.50	— .06	43	42	— 2	ESE	1	0	45	41	0.01		
†Scilly	30.46	49	SE	5	0	30.43	— .06	49	46	+ 1	SSE	2	0	49	46	—		
Prawle Point	30.52	44	E	2	0	30.49	— .09	45	45	— 1	ENE	2	0	46	43	0.02		
Hurst Castle	30.58	41	E	1	0	30.52	— .04	44	44	+ 1	E	3	0	46	39	0.02		
†Dover	30.55	42	N	1	0	30.57	— .01	43	42	— 1	SE	1	0	45	41	0.06		
†London	30.54	43	Z	0	0	30.58	+ .04	38	38	— 5	Z	0	0	44	37	—		
Oxford	30.59	37	Z	0	0	30.59	— .02	37	36	— 5	SE	1	0	42	34	0.01		
Cambridge	30.58	39	S	1	0	30.57	— .00	37	37	— 6	S	1	0	44	34	—		
†Yarmouth	30.55	42	Z	0	0	30.55	+ .03	37	37	— 6	SSW	1	0	47	35	0.02		
The Helder																		
Cape Gris Nez	30.55	44	W	1	0	30.54	— .02	41	40	— 5	SE	1	0	46	41	—		
†Jersey	30.51	43	E	2	0	30.48	— .08	42	42	— 1	E	3	0	43	41	—		
Brest	30.46	47	ENE	4	0	30.46		46	41		E	3	0	48	36	—		
Lorient																		
†Rochefort	30.48	44	SE	5	0	30.47	— .03	38	37	+ 2	E	4	0	50	28	—		
Biarritz	30.57	44	SE	1	0	30.45	+ .12	44	42	+ 9	SW	1	0	52	30	—		
Corunna																		
Brussels						30.60	+ .03	42	42	— 0	ESE	4	0	45	42	0.04		
Charleville	30.07	40	NNW	1	0	30.50	— .04	42	40	+ 8	NNW	3	0	43	7	—		
Paris	30.62	43	NNE	3	0	30.57	— .08	45	44	+ 1	NNE	1	0			—		
Lyons	30.52	?	NNW	1	0	30.45	— .11	36	36	+ 2	N	1	0	36	27	—		
Toulon	30.38	44	NW	5	0	30.36	— .11	45	41	— 1	E	5	0	50	41	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.08	40	WSW	2	0	29.08	+ .07	38	38	— 3	S	1	0	42	33	—		

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnæs	30.22	46	46	WNW	2	0	Valencia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	30.47	49	42	E	5	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. 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

FOR

THURSDAY, 27TH DECEMBER.

1883.

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ROBERT H. SCOTT

(SECRETARY.)

[illegible]

REMARKS

THURSDAY, 27th DEC. 1888. at 8 a.m.

The barometer is falling generally — most in the west —, and the anticyclone now lies a little to the Erd of the position it has recently occupied, while the lowest pressures are found over the north of Scandinavia. Light SE^{ly} or variable air prevails over the greater part of England, Ireland and France, and SW^{ly} air in Scotland, but in the north of Norway the wind has risen to a fresh gale from SW. The weather is fine in Denmark and Scotland, but cloudy or overcast elsewhere, with thick fog at many of the English and French stations. Temperature has fallen a little in the north, and readings now range from 49° at Rocky Point to 35° in London and 30° at ^{and Aberdeen} ~~Heim~~. The sea is rather rough at Valerik, generally smooth elsewhere.

The fall of the barometer in the west appears to indicate the advance of depressions towards Ireland, and S^{ly} winds and warmer weather are therefore likely to extend gradually over our islands.

FORECASTS

for the 24 hours ending at Noon.

on the

28th DECEMBER.

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



DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SW ^{ly} and S ^{ly} winds, freshening; fair to dull, with some rain.	6 SCOTLAND WEST	SE ^{ly} and S ^{ly} winds, light; dull generally.
2 SCOTLAND EAST	SW ^{ly} winds, light; fair generally.	7 ENGLAND N.W.	----- 5° ----- 5° ----- 5° -----
3 ENGLAND N.E.	----- Same as no 5. -----	8 ENGLAND S.W.	SE ^{ly} winds, moderate; dull generally.
4 ENGLAND EAST	----- Same as no 5. -----	9 IRELAND NORTH	SE ^{ly} and S ^{ly} winds, freshening; dull, some mist and rain.
5 MIDLAND COUNTIES	----- Same as no 5. -----	10 IRELAND SOUTH	----- 5° ----- 5° ----- 5° -----
11 ENGLAND SOUTH	Light air, chiefly SE ^{ly} ; dull, foggy.	WARRINCE	None issued.

METEOROLOGICAL OBSERVATIONS FOR

27th DEC.

1888

† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.67	37	SW	6	C	29.90	- 10	23	23	+ 13	W	0	6	37	5	-			
Hernösand	30.04	38	W	2	C	30.12	+ 08	34	33	+ 2	W	0	0	45	25	-			
Stockholm	30.17	36	NSW	2	f	30.20	- 01	27	27	+ 1	W	2	f	32	25	-			
Wisby	30.16	35	W	4	f	30.10	- 13	36	36	0	N	4	0	37	32	-			
Bodo	29.68	41	SW	8	C	29.87	- 29	36	34	- 9	SW	8	5	37	32	0.32			
Christiansund	30.10	47	NSW	8	C	30.12	+ 07	46	46	- 2	NSW	8	1	48	43	0.24			
Skudesnes	30.38	44	W	0	C	30.39	?	42	42	- 2	W	0	f	45	?	-			
Orö (Xtiansund)	30.26	42	W	4	0	30.38	+ 01	40	38	- 4	NSW	2	f	45	37	-			
Skagen (The Skaw)	30.24	42	W	5	6	30.31	+ 01	40	38	- 2	NSW	2	6	40	37	-			
Faro	30.42	41	W	4	m	30.39	- 08	40	40	- 2	W	4	6	40	34	-			
Cuxhaven	30.49	44	NSW	2	f	30.39	- 13	42	42	- 2	NSW	2	0	45	39	-			
Sumburgh Head	30.29	46	NSW	4	0	30.33	+ 07	47	45	0	W	3	0	47	43	-			
Stornoway	30.36	49	SSW	3	0	30.29	- 05	42	42	- 4	SSW	3	6	47	40	-			
Wick	30.37	42	W	1	6	30.36	- 01	39	37	- 4	SW	1	6	44	36	-			
Nairn	30.42	44	W	0	6	30.35	- 04	30	29	- 11	W	0	6	40	30	-			
Aberdeen	30.44	35	NSW	1	0	30.41	+ 01	26	29	- 4	NSW	1	6	39	29	-			
Leith	30.46	40	W	1	C	30.38	- 06	39	38	- 6	W	0	cm	47	33	-			
Shields	30.47	40	W	0	m	30.41	- 10	42	41	+ 7	W	0	f	42	34	-			
Spurn Head	30.42	37	NSW	1	f	30.44	- 06	36	36	- 1	W	0	f	38	34	0.02			
York	30.51	36	S	1	f	30.45	- 07	34	34	- 8	W	1	f	42	32	0.02			
Loughborough	30.51	36	SS	1	0	30.44	- 10	34	34	0	E	1	off	38	33	-			
Ardrossan	30.46	45	SW	1	0	30.38	- 09	41	41	- 5	E	1	0	46	40	-			
Mullaghmore	30.45	40	W	0	6	30.29	- 14	45	43	+ 1	E	2	0	47	40	-			
Donaghadee	30.49	43	SSW	1	0	30.37	- 12	45	45	+ 5	S	2	0	45	40	0.02			
Parsonstown	30.46	46	W	0	0	30.32	- 15	44	40	- 1	SSW	1	off	45	30	-			
Barrow-in-Furness	30.48	41	S	1	f	30.39	- 08	37	37	- 6	SE	2	f	43	35	-			
Holyhead	30.49	44	W	0	0	30.39	- 11	41	40	- 2	SSW	1	nu	45	39	0.03			
Liverpool (Bidston)	30.50	37	SE	1	f	30.41	- 09	36	36	+ 1	SE	2	f	38	35	-			
Valencia	30.41	44	SSW	1	6	30.28	- 15	48	47	0	SSW	4	off	51	42	-			
Roche's Point	30.44	49	S	3	C	30.36	- 09	49	48	+ 1	SSW	3	0	52	47	-			
Pembroke																			
Scilly	30.43	48	E	1	0	30.36	- 07	48	46	- 1	W	0	0	49	46	-			
Prawle Point	30.47	45	E	1	f	30.39	- 10	44	44	- 1	E	1	nu	46	22	0.02			
Hurst Castle	30.50	44	E	3	f	30.40	- 10	43	43	- 1	E	1	nu	45	37	0.02			
Dover	30.57	42	ESE	1	0	30.44	- 13	39	39	- 4	SE	1	off	44	39	0.08			
London	30.53	41	SE	1	off	30.44	- 14	35	35	- 3	W	0	off	43	35	-			
Oxford	30.51	39	S	1	0	30.44	- 13	37	37	0	SE	1	f	40	36	0.01			
Cambridge	30.52	40	W	0	0	30.44	- 13	37	37	0	W	0	0	43	36	0.03			
Yarmouth	30.50	40	SSW	1	f	30.44	- 11	39	39	+ 2	SE	1	f	42	35	0.03			
The Helder	30.52	42	NSW	1	f	30.47	- 10	40	40	- 2	NSW	1	f	43	39	-			
Cape Gris Nez	30.32	41	NE	1	f	30.45	- 09	36	36	- 5	E	1	f	46	36	0.08			
Jersey	30.45	43	E	2	f	30.39	- 09	44	43	+ 2	S	2	off	44	41	0.01			
Brest	30.46	44	NE	3	0	30.41	- 05	43	?	- 3	SSW	1	f	?	39	-			
Lorient																			
Rochefort	30.46	43	E	5	0	30.48	+ 01	38	34	0	E	4	f	46	32	-			
Biarritz	30.41	52	W	4	C	30.43	- 02	50	46	+ 6	S	3	0	54	?	-			
Cornwall																			
Brussels						30.47	- 13	37	37	- 5	SE	1	f	44	37	0.04			
Charleville	30.51	43	NSW	1	m	30.43	- 10	40	38	- 2	E	1	0	40	?	-			
Paris	30.54	45	NE	4	m	30.49	- 08	45	?	0	NE	3	m	?	?	-			
Lyons	30.45	37	S	1	0	30.41	- 04	37	37	+ 1	E	1	f	40	?	-			
Toulon	30.42	44	SE	1	m	30.36	- 00	45	43	0	E	4	0	50	45	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.08	35	S	1	6	29.10	+ 02	32	32	- 6	E	2	f	40	28	-			

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

ESTIMATED 2 P.M. REPORTS AND FORECASTS															
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.	
Skudesnes	30.40	45	44	NSW	2	0	3	Valencia	30.43	50	48	SE	2	0	3
Sumburgh Head	30.27	46	44	NSW	5	0	5	Scilly	30.43	49	47	SE	2	0	4
Stornoway	30.34	47	46	SSW	4	0	4	Dover	30.54	43	42	ESE	1	off	0
Aberdeen	30.42	39	38	NSW	1	6	1	London	30.54	43	42	SE	1	off	2
Shields	30.47	42	41	W	0	cm	2	Yarmouth	30.53	43	42	SE	1	f	2
Ardrossan	30.45	46	45	SSW	1	2	1	Jersey	30.47	43	43	S	2	f	2
Mullaghmore	30.44	46	45	NSW	2	6	3	Rochefort	30.44	41	40	NE	7	0	2
Holyhead	30.48	44	44	W	0	0	0								

The changes in pressure continue to be slight and unimportant and light winds are still general. The weather remains fine in the E. of Scotland, but is dull and foggy over the greater part of England.

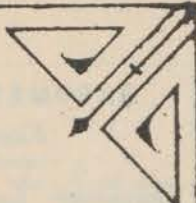
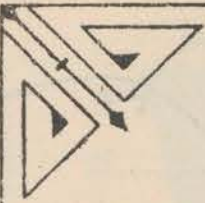
EXPLANATION OF COLUMNS.

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. 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

FOR

FRIDAY, 28TH DECEMBER.

1883.

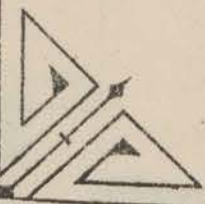
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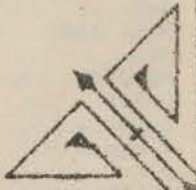
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ROBERT H. SCOTT

(SECRETARY.)



Printed by J. Longfield, 11, 22, Finsbury St. London.

WEATHER CHARTS

for 8 a.m. on

Friday, 28th DECEMBER, 1883

1883

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 forces 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;

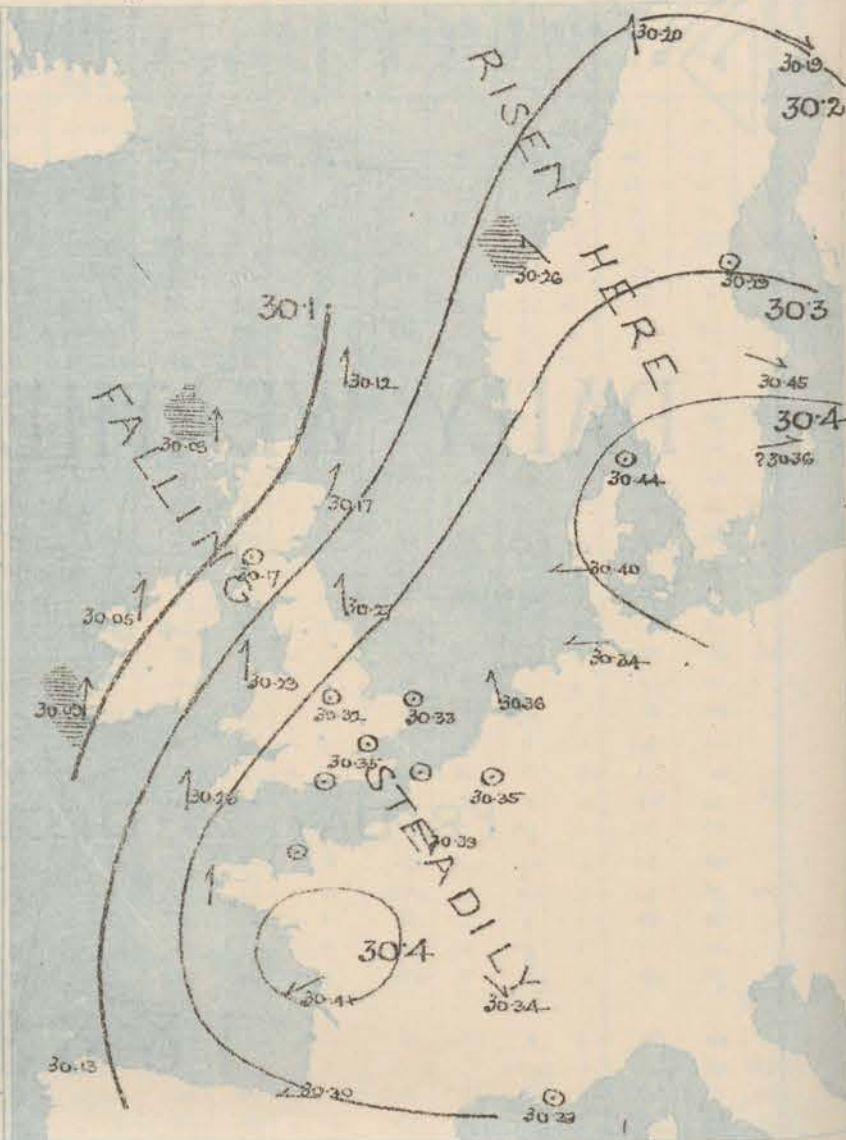
thus - Rough; - High.

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of December.

Stations	Mean Readings
Sumburgh Head	29 580
Stornoway	29 701
Wick	29 713
Nairn	29 741
Aberdeen	29 750
Leith	29 800
Glasgow	29 836
York	29 877
Ardrossan	29 810
Donaghadee	29 832
Holyhead	29 858
Liverpool	29 882
Valencia	29 878
Roche's Point	29 889
Pembroke	29 897
Sally	29 943
Hurst Castle	29 888
Dover	29 942
LONDON	29 934
Oxford	29 937
Cambridge	29 926
Yarmouth	29 902

* These means are for the 10 years 1871 to 1880.



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.

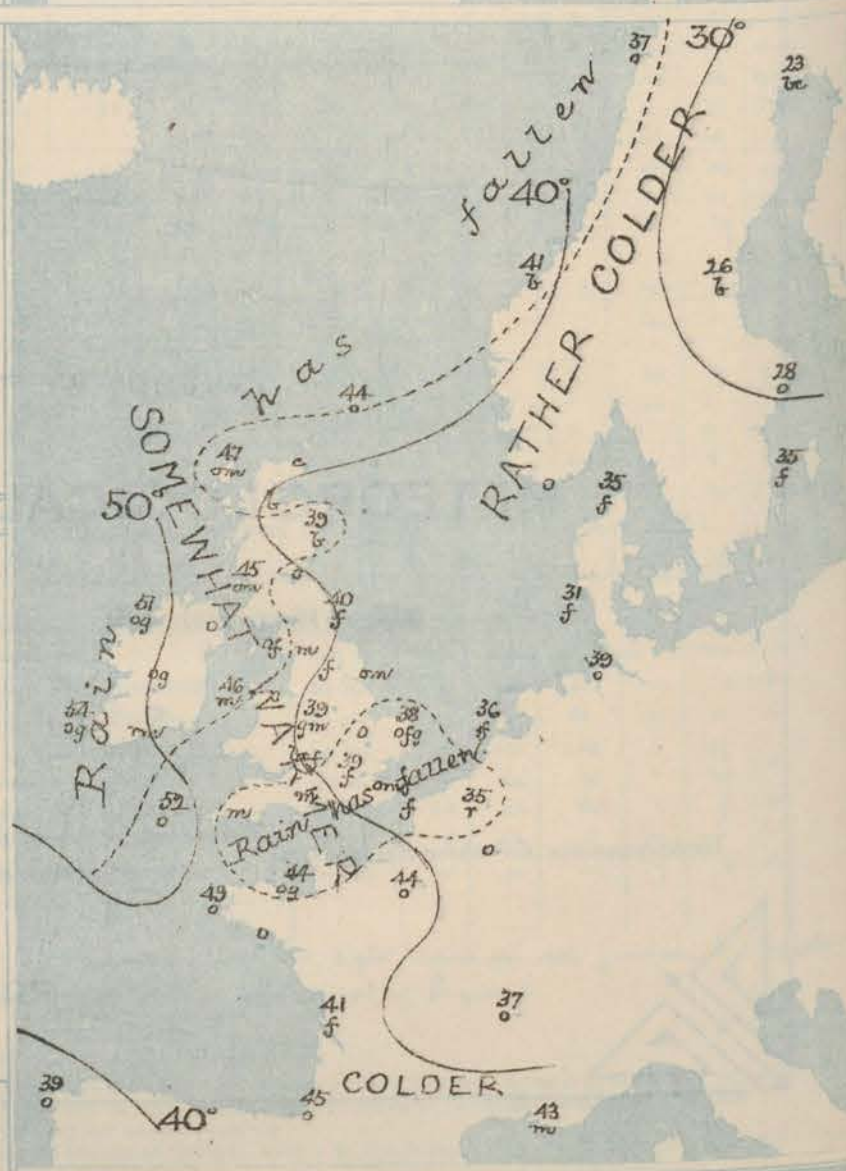
Falls of 0.5 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of December.

Stations	Temp.	Rainfall.
	°	in.
Sumburgh Head	38.0	4.13
Stornoway	38.9	5.61
Wick	37.8	3.21
Nairn	36.8	2.07
Aberdeen	36.9	5.22
Leith	38.4	1.95
Glasgow	39.2	8.03
York	36.2	2.54
Ardrossan	40.1	4.17
Donaghadee	40.1	2.65
Holyhead	42.0	4.03
Liverpool	38.1	2.89
Valencia	44.7	6.05
Roche's Point	42.9	4.89
Pembroke	43.7	4.26
Sally	47.2	4.18
Hurst Castle	40.6	2.98
Dover	40.0	3.51
LONDON	38.1	2.28
Oxford	37.3	2.19
Cambridge	36.3	2.02
Yarmouth	37.9	2.29

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880, the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Friday 28th DEC^r 1883 at 8 a.m.

Barometric pressure remains uniformly high over the Baltic, Germany, the North Sea and France, but over our Islands gradients for S^W winds are gradually spreading in from the W^{est}. Thus, while calms, variable airs and fogs still prevail at the more eastern and southern stations, S^W breezes have appeared in the west and north, and already blow strongly at Valencia and Stornoway. Temperature is increasing a little over the United Kingdom generally, and varies from 36° at Airm and 38° or 39° over the inland parts of England to between 51° and 52° in the west of Ireland. Fine weather prevails in the east of Scotland, but fog over England, cloud (and in some places, rain) in Ireland.

The sea is rough in the far west, smooth at Holyhead, dead calm at Dover.

The barometer still falls in the west and north, and the gradients for S^W winds are gradually becoming steeper, but at present there is no definite indication of the advance of any serious depression from the Atlantic.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

29th DECEMBER

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S ^W winds, increasing in strength, rain at times.	6 SCOTLAND WEST	Same as No 0
3 SCOTLAND EAST	SW ^W and S ^W winds, light to moderate, with finer weather.	7 ENGLAND N.W.	Same as No 0
2 ENGLAND N.E.	D ^o ----- D ^o ----- D ^o	8 ENGLAND S.W.	S ^W winds, fresh; cloudy, fair to showery.
7 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	Same as No 0
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	Same as No 0.
5 ENGLAND SOUTH	S ^W breezes setting in gradually, with milder and improving weather.	WARNINGS	NONE ISSUED AT PRESENT.

METEOROLOGICAL OBSERVATIONS FOR

28th DEC. 1883

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	29.96	28	W	4	0	30.19	+ 2.9	23	22	0	NW	2	60	*	28	21	-	
Hernösand	30.19	31	Z	0	6	30.29	+ 1.7	26	25	- 8	Z	0	6	*	41	2	-	
Stockholm	30.32	31	W	2	0	30.45	+ 2.5	28	27	+ 11	NW	2	0	*	32	27	-	
Wisby	30.28	35	NW	4	0	30.36	+ 2.6	35	35	- 1	N	4	8	*	37	32	-	
Bodo	30.06	36	W	8	0	30.20	+ 2.3	37	35	+ 1	S	2	0	3	39	32	0.12	
Christiansund	30.26	43	WSW	3	f	30.26	+ 1.4	41	40	- 5	SE	1	6	5	?	37	0.04	
†Skudesnes																		
Oxö (Kinnarud)	30.36	36	NW	2	6	30.41	+ 0.8	34	33	- 6	NNE	2	0	1	41	32	-	
Skagen (The Skaw)	30.39	37	Z	0	6	30.44	+ 1.3	35	35	- 5	Z	0	6	0	41	36	-	
Fanö	30.39	36	NE	1	m	30.40	+ 0.1	31	31	- 9	ESE	2	5	*	43	30	-	
Cuxhaven	30.34	40	N	2	0	30.34	- 0.5	39	39	- 3	E	2	0	*	?	36	-	
†Sumburgh Head	30.23	44	S	4	0	30.12	- 2.1	44	43	- 3	S	4	0	4	47	40	0.01	
†Stornoway	30.14	46	SSW	5	om	30.03	- 2.6	47	47	+ 4	S	5	om	5	47	39	-	
Wick	30.18	43	S	5	0	30.10	- 2.6	42	40	+ 3	S	2	0	2	44	37	-	
Nairn	30.19	34	Z	0	6	30.11	- 2.4	36	34	+ 6	Z	0	6	1	38	29	-	
†Aberdeen	30.27	40	SSW	2	0	30.17	- 2.4	39	38	+ 9	SSW	4	6	1	42	39	0.03	
Leith	30.27	40	SE	1	0	30.19	- 1.9	42	41	+ 3	SE	1	0	*	44	37	-	
†Shields	30.31	37	S	1	f	30.27	- 1.4	40	39	+ 2	S	1	f	2	42	36	-	
Spurn Head	30.35	36	SSW	2	f	30.30	- 1.4	38	37	+ 2	Z	0	om	2	38	33	-	
York	30.35	36	S	1	f	30.31	- 1.4	37	37	+ 3	S	1	f	*	37	35	0.01	
Loughborough	30.36	36	WSW	1	0	30.32	- 1.2	39	38	+ 5	Z	0	om	*	39	34	-	
†Ardrossan	30.27	41	E	1	m	30.17	- 2.1	45	45	+ 4	ESE	1	om	2	46	40	0.16	
†Mullaghmore	30.14	47	ESE	4	6	30.05	- 2.4	51	50	+ 6	S	4	og	3	52	44	0.04	
Donaghadee	30.27	44	SW	2	0	30.17	- 2.0	48	48	+ 3	S	2	0	0	48	41	0.14	
Parsonstown	30.22	45	SSE	2	6	30.13	- 1.9	50	49	+ 6	S	1	og	*	51	43	0.10	
Barrow-in-Furness	30.32	44	SSE	2	0	30.24	- 1.5	40	40	+ 3	ESE	3	of	3	44	36	0.03	
†Holyhead	30.29	44	SSE	1	m	30.23	- 1.6	46	46	+ 5	S	3	m	3	46	40	0.05	
Liverpool (Bidston)	30.32	38	SE	2	0	30.27	- 1.4	41	41	+ 5	SE	2	0	2	41	36	-	
†Valencia	30.16	53	S	6	omg	30.09	- 1.9	54	53	+ 6	S	7	og	6	55	47	0.21	
Roche's Point	30.25	50	S	5	0	30.16	- 2.0	50	50	+ 1	SW	4	m	4	52	46	0.50	
Pembroke																		
†Scilly	30.33	50	S	2	0	30.26	- 1.0	52	51	+ 4	S	3	0	3	53	47	-	
Prawle Point	30.37	45	Z	0	m	30.35	- 0.4	46	46	+ 2	SSE	1	m	1	46	40	0.01	
Hurst Castle	30.36	43	WSW	1	0	30.35	- 0.7	44	44	+ 1	Z	0	m	1	44	39	0.02	
†Dover	30.37	41	Z	0	om	30.33	- 1.1	40	40	+ 1	N	1	om	0	42	36	0.06	
†London	30.40	39	ESE	1	of	30.35	- 0.9	39	39	+ 4	Z	0	f	*	39	34	0.03	
Oxford	30.37	39	SSW	1	0	30.34	- 1.0	38	38	+ 1	Z	0	6	*	40	36	-	
Cambridge	30.39	38	Z	0	0	30.32	- 1.2	38	38	+ 1	Z	0	0	*	39	36	0.01	
†Yarmouth	30.36	39	SSE	2	f	30.33	- 1.1	38	37	- 1	Z	0	of	2	41	37	0.02	
The Helder	30.41	37	SSE	1	f	30.36	- 1.1	36	36	- 4	SSE	1	f	1	?	36	-	
Cape Gris Nez	30.38	40	SE	1	f	30.32	- 1.3	41	41	+ 5	SE	1	f	0	43	36	0.04	
†Jersey	30.30	44	W	2	om	30.34	+ 0.5	44	43	0	NNE	1	og	1	46	42	0.05	
Brest	30.41	39	NNE	4	0	30.36	- 0.5	49	48	+ 6	S	3	0	4	?	39	-	
Lorient	30.41	46	NW	3	0	30.37	- 0.7	47	45		E	4	0	2	48	41	-	
†Rochefort	30.47	42	SSE	3	f	30.41	- 0.7	44	41	+ 3	ESE	4	f	2	46	32	-	
Biarritz	30.40	51	E	1	0	30.30	- 1.3	45	44	- 5	Z	3	0	1	54	43	-	
Corunna	*	*	*	*	*	30.13	- 1.9	39	38	- 1	SSE	1	0	1	55	34	-	
Brussels	*	*	*	*	*	30.35	- 1.2	35	35	- 2	WSW	1	0	*	39	35	0.04	
Charleville	30.37	41	ESE	3	0	30.32	- 1.1	38	36	- 2	SSE	1	0	*	41	37	-	
Paris	30.41	46	N	3	0	30.39	- 1.0	44	43	- 1	NW	1	0	*	*	*	-	
Lyons	30.45	38	NNE	1	0	30.34	- 0.7	37	36	0	NW	1	0	*	39	37	-	
Toulon	30.39	37	Z	0	0	30.33	- 0.5	43	42	- 2	Z	0	m	2	54	?	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.07	34	SW	1	f	29.08	- 0.2	37	37	+ 5	Z	0	m	*	37	31	-	

HIGH LEVEL STATION.

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

Hawes Junction	29.97	34	SW	1	f	29.98	- 0.2	37	37	+ 5	Z	0	m	37	31	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnes	30.40	43	43	Z	0	f	2	Valencia	30.19	51	SE	5	omg	5
Sumburgh Head	30.29	44	42	S	2	f	3	Scilly	30.33	53	SW	2	6	4
Stornoway	30.19	45	44	SSW	4	om	3	Dover	30.38	40	ESE	1	of	0
Aberdeen	30.32	40	39	SSW	1	om	1	London	30.40	39	Z	0	ofg	*
Shields	30.33	40	40	S	1	f	2	Yarmouth	30.38	41	SE	1	f	2
Ardrossan	30.29	42	41	ESE	1	0	1	Jersey	30.36	43	SW	2	0	2
Mullaghmore	30.19	48	45	SEE	3	bm	2	Rochefort	30.31	40	SE	4	0	2
Holyhead	30.32	43	43	SSW	2	0	2							

The barometer continues to fall generally, and S breezes are becoming more prevalent. At Mullaghmore and Scilly the weather has improved but in the E. and SE. of England thick fog continues. The sea is smooth both at Holyhead and Dover.

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

FOR

SATURDAY, 29TH DECEMBER.

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

Printed by J. Longwell, 116, Victoria St. London, S.W.

WEATHER CHARTS

for 8 a.m. on Saturday 29th DECEMBER 1883

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.

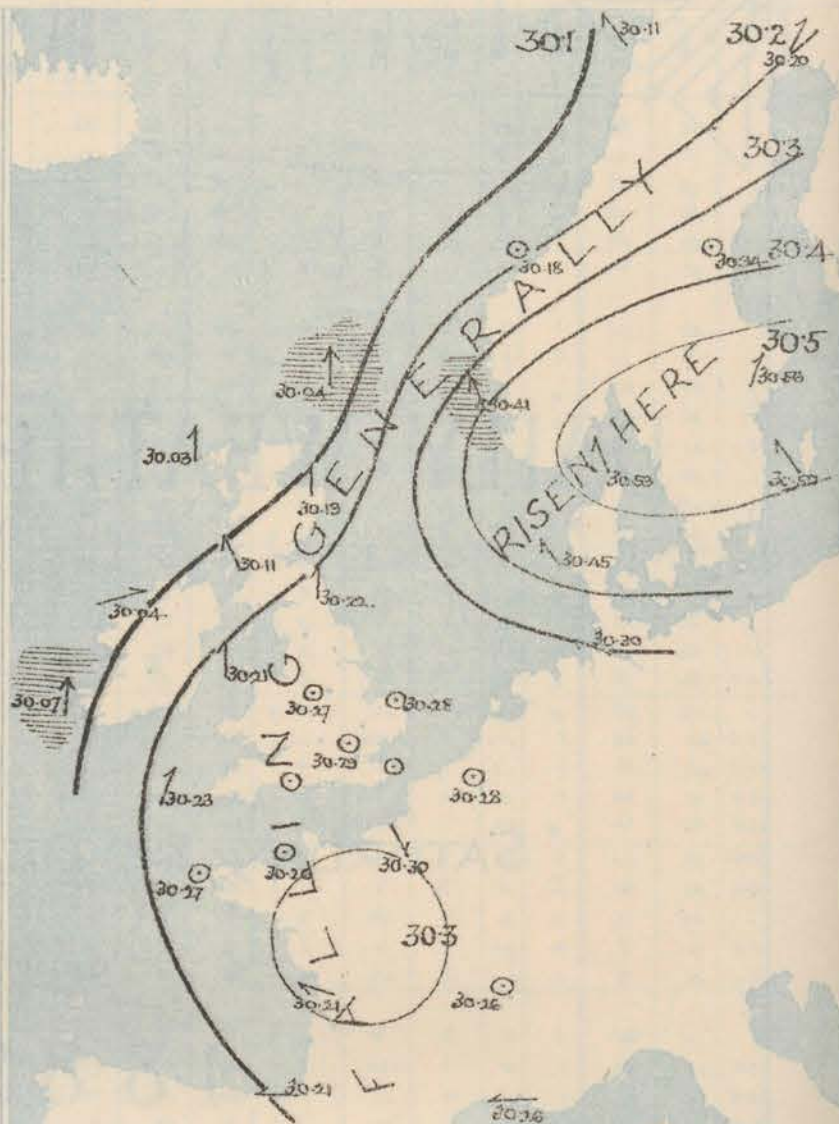
Sea Disturbance, where considerable, is shown by shading round the coast, thus — Rough; — High.

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of December.

Stations.	Mean Readings
Sumburgh Head	29 680
Stornoway	29 701
Wick	29 713
Naun.	29 711
Aberdeen	29 750
Leith	29 800
Shields	29 826
York	29 877
Ardrossan	29 810
Donaghadee	29 832
Holyhead	29 853
Liverpool	29 882
Valencia	29 818
Roche's Point	29 889
Pembroke	29 897
Sally	29 943
Harst Castle	29 943
Dover	29 942
LONDON	29 934
Oxford	29 937
Cambridge	29 926
Vermouth	29 907

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map.

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

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

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

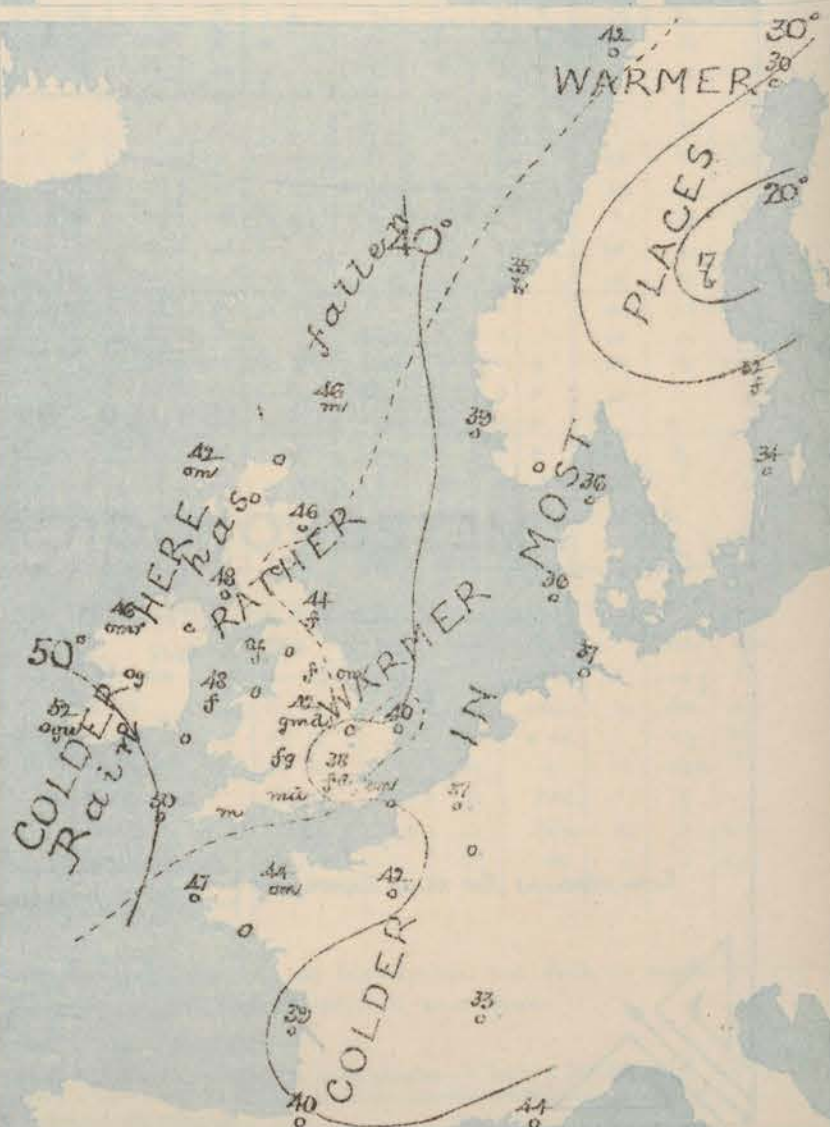
Falls of 0.6 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of December

Stations.	Temp.	Rainfall.
Sumburgh Head	39.0	4.13
Stornoway	38.9	5.61
Wick	37.8	3.21
Naun.	36.9	2.01
Aberdeen	38.9	3.42
Leith	38.4	1.96
Shields	39.2	0.43
York	36.2	2.69
Ardrossan	40.1	4.17
Donaghadee	40.1	2.85
Holyhead	42.9	4.03
Liverpool	39.1	2.89
Valencia	44.7	6.08
Roche's Point	42.9	4.89
Pembroke	43.7	4.26
Sally	47.2	4.16
Harst Castle	40.6	2.90
Dover	40.0	3.51
LONDON	38.1	2.25
Oxford	37.3	2.49
Cambridge	35.3	2.02
Vermouth	37.9	2.95

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 25 years 1858 to 1880.



REMARKS

for Saturday 29th December. 1883 at 8 a.m.

In the course of the past twenty-four hours the barometer has continued to rise over Denmark and the south of Scandinavia, while it has fallen slightly in most parts of our Islands and France. An anticyclone, in which readings exceed 30.5 ins., lies over the south of Sweden, and a second area of high pressure is still found over Central France. Moderate SE^{ly} breezes are reported on the eastern shores of the North Sea, and S^{ly} breezes on our western and northern coasts, but over the greater part of England calms or variable airs prevail. The weather is dull, generally with fog or mist at nearly all the English stations. In the course of the past twenty-four hours rain has fallen in the west and north. Temperature has risen a little on our east coasts, but fallen slightly elsewhere; readings now range from 52° at Valencia to 38° in London and at Cambridge. The sea is rough at Lumburgh Heads and Killybegs, slight or smooth elsewhere.

Depressions are apparently still passing along in a northerly direction outside our western and northern coasts, as is usual when anticyclones lie over France; but at present they are of little importance, and the S^{ly} wind shows no sign of extending to our SE^{ly} districts.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

30th DECEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^{ly} winds, moderate to strong; dull, some rain.
2 SCOTLAND EAST	Do. Do. Do.
3 ENGLAND N.E.	S ^{ly} winds, moderate; dull, some mist or fog.
4 ENGLAND EAST	Same as No 5.
5 MIDLAND COUNTIES	Same as No 5.
6 ENGLAND SOUTH	Calms or SE ^{ly} airs; dull, gloomy, foggy.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as Nos 0 and 1.
7 ENGLAND N.W.	S ^{ly} winds, freshening; dull, some rain.
8 ENGLAND S.W.	Do. Do. Do.
9 IRELAND NORTH	S ^{ly} winds, fresh or strong; dull, some mist and rain.
10 IRELAND SOUTH	Do. Do. Do.
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

29th Dec.

1882

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	30.31	29	SW	4	c	30.20	+ 01	30	30	+ 7	SW	2	c	*	?	19	-		
Hernösand	30.29	22	Z	0	c	30.34	+ 05	17	17	- 9	Z	0	c	*	37	?	-		
Stockholm	30.56	25	Z	0	c	30.56	+ 11	32	32	+ 4	SW	2	c	*	36	25	-		
Wisby	30.45	33	SSE	4	f	30.50	+ 14	34	34	- 1	SSE	2	o	*	37	32	-		
Bodo	30.17	42	Z	0	o	30.11	- 09	42	41	+ 5	SE	4	o	3	43	32	0.12		
Christiansund	30.25	39	Z	0	bc	30.18	- 08	36	34	- 6	Z	0	c	4	41	34	-		
Skudesnaes	30.39	41	SSE	9	o	40.41		39	37		SSE	8	o	6	41	?	-		
Oxö (Xtansu)	30.42	37	E	4	o	30.49	+ 08	37	36	+ 3	SSE	4	o	2	37	?	-		
Skagen (The Skaw)	30.52	36	SE	2	o	30.53	+ 09	36	36	+ 1	SSE	5	o	2	36	34	-		
Faro	30.44	37	SE	4	o	30.45	+ 05	36	34	+ 5	SSE	4	o	*	36	30	-		
Cuxhaven	30.36	38	E	2	o	30.30	- 04	37	37	- 2	SE	3	o	*	?	32	-		
Sumburgh Head	30.08	44	S	4	o	30.04	- 08	46	46	+ 2	S	5	m	5	46	41	0.03		
Stornoway	29.94	40	S	6	d	30.03	- 00	42	42	- 6	S	3	om	3	50	41	0.33		
Wick	30.06	43	S	2	o	30.05	- 05	47	46	+ 5	S	2	o	1	47	39	0.05		
Nairn	30.06	43	Z	0	c	30.04	- 07	49	47	+ 13	Z	0	o	1	51	36	0.09		
Aberdeen	30.17	44	S	4	o	30.13	- 04	46	45	+ 7	S	3	om	1	46	38	0.01		
Leith	30.16	45	NE	1	o	30.13	- 06	50	47	+ 8	SW	1	o	*	50	41	-		
Shields	30.24	41	S	2	f	30.22	- 05	44	43	+ 4	"	1	f	2	44	39	-		
Spurn Head	30.28	39	SSE	2	o	30.27	- 03	39	39	+ 1	SSE	3	om	2	40	35	-		
York	30.27	40	SSE	1	bc	30.28	- 03	40	40	+ 3	SSE	1	f	*	41	36	0.06		
Loughborough	30.29	43	SE	1	o	30.27	- 05	42	42	+ 3	E	1	gnd	*	46	38	0.07		
Ardrossan	30.14	46	ENE	1	om	30.11	- 06	48	48	+ 3	SSE	2	o	2	48	44	0.05		
Mullaghmore	30.02	54	SW	5	o	30.04	- 01	46	46	- 5	SW	1	om	2	55	45	0.13		
Donaghadee	30.15	49	S	2	o	30.14	- 03	47	47	- 1	SW	2	o	0	50	47	0.01		
Parsonstown	30.13	52	S	1	o	30.12	- 01	48	46	- 2	SSW	1	cg	*	54	46	-		
Barrow-in-Furness	30.2	44	E	2	A	30.21	- 03	45	45	+ 5	SE	3	of	8	47	40	0.24		
Holyhead	30.19	49	SSW	3	o	30.21	- 02	48	48	+ 2	S	1	f	2	49	45	0.13		
Liverpool (Bidston)	30.23	46	SE	2	o	30.24	- 03	46	45	+ 5	S	1	o	1	49	41	0.07		
Valencia	30.09	53	S	7	cg	30.07	- 02	52	51	- 2	S	1	ogv	6	55	51	0.03		
Roche's Point	30.17	50	SW	4	o	30.17	+ 01	50	49	0	SSW	5	o	4	54	49	0.06		
Pembroke	30.24	50	S	2	o	30.23	- 03	49	48	0	S	2	o	2	50	48	0.02		
Scilly	30.25	51	SSW	2	o	30.23	- 03	50	49	- 2	SSW	2	o	4	53	48	0.01		
Prawle Point	30.30	49	Z	0	A	30.27	- 08	47	47	+ 1	Z	0	m	4	49	45	0.04		
Hurst Castle	30.32	44	Z	0	o	30.26	- 09	44	43	0	Z	0	md	0	46	38	-		
Dover	30.31	41	W	1	om	30.26	- 07	40	39	0	W	1	om	0	42	39	-		
London	30.32	42	N	1	ofd	30.29	- 06	38	38	- 1	SE	1	ofd	*	44	38	-		
Oxford	30.31	43	S	2	o	30.28	- 06	42	42	+ 4	Z	0	fg	*	44	38	0.01		
Cambridge	30.32	39	Z	0	o	30.29	- 03	38	38	0	Z	0	o	*	40	37	-		
Yarmouth	30.30	38	Z	0	of	30.28	- 05	40	39	+ 2	Z	0	o	2	42	36	0.02		
The Helder	30.33	36	SSE	1	t	30.32	- 04	35	34	- 1	SE	1	f	1	36	34	-		
Cape Gris Nez	30.30	41	NE	4	o	30.26	- 06	40	40	- 1	E	1	o	0	43	39	-		
Jersey	30.31	45	Z	0	om	30.26	- 08	44	43	0	ENE	1	om	1	48	43	-		
Brest	30.32	50	S	1	o	30.27	- 09	47	46	- 2	SSE	1	o	3	50	45	-		
Lorient	30.32	47	ENE	2	o	30.25	- 12	44	41	- 3	E	4	o	3	50	41	-		
Rocheport	30.34	40	ENE	5	o	30.31	- 10	39	39	- 2	SE	3	o	2	46	32	-		
Biarritz	30.34	44	E	3	o	30.21	- 09	40	38	- 5	E	3	o	1	52	37	-		
Corunna	*	*	*	*	*									*	*	*			
Brussels	*	*	*	*	*	30.28	- 07	37	36	+ 2	W	1	o	*	38	?	-		
Charleville	30.29	37	SSE	1	o	30.25	- 07	34	30	- 4	S	1	o	*	38	34	-		
Paris	30.35	43	WNW	3	o	30.30	- 06	42	41	- 2	WNW	3	o	*	*	*	-		
Lyons	30.30	36	W	1	o	30.26	- 08	33	32	- 4	W	1	o	*	37	33	-		
Toulon	30.26	46	SE	1	m	30.26	- 07	44	43	+ 1	E	1	o	2	48	43	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.06	42	Z	0	c	29.07	- 01	43	43	+ 6	W	1	o	*	45	36	-		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.38	41	39	S	7	c	4	Valencia ...	30.08	54	52	S	6	omg	6
Sumburgh Head ...	30.10	44	42	S	4	o	4	Scilly ...	30.25	52	51	SSW	3	o	3
Stornoway ...	29.94	49	48	S	6	om	5	Dover ...	30.30	42	41	WNE	2	om	1
Aberdeen ...	30.17	42	41	S	2	c	1	London ...	30.31	44	42	Z	0	ogm	
Shields ...	30.23	42	41	S	1	f	2	Yarmouth ...	30.29	39	39	WNW	1	fg	2
Ardrossan ...	30.14	46	46	E	2	o	2	Jersey ...	30.31	47	45	Z	0	c	0
Mullaghmore ...	30.02	54	54	SW	5	o	5	Rocheport ...	30.36	37	37	ENE	5	o	2
Holyhead ...	30.18	48	48	S	3	m	3								

Very little change has occurred since the morning, but the tendency is for the barometer to continue falling generally and for the S.W. and S.E. winds to become more prevalent. Thick fog still prevails over 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 (bazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

+ The evening observations are taken at 5 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

Received too late for insertion in charts.

DAILY WEATHER REPORT

F O R

SUNDAY 30TH DEC^R

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

ROBERT H. SCOTT

(SECRETARY).

WEATHER CHARTS

for 8 a.m. on

Sunday 30th Dec:

1883

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,

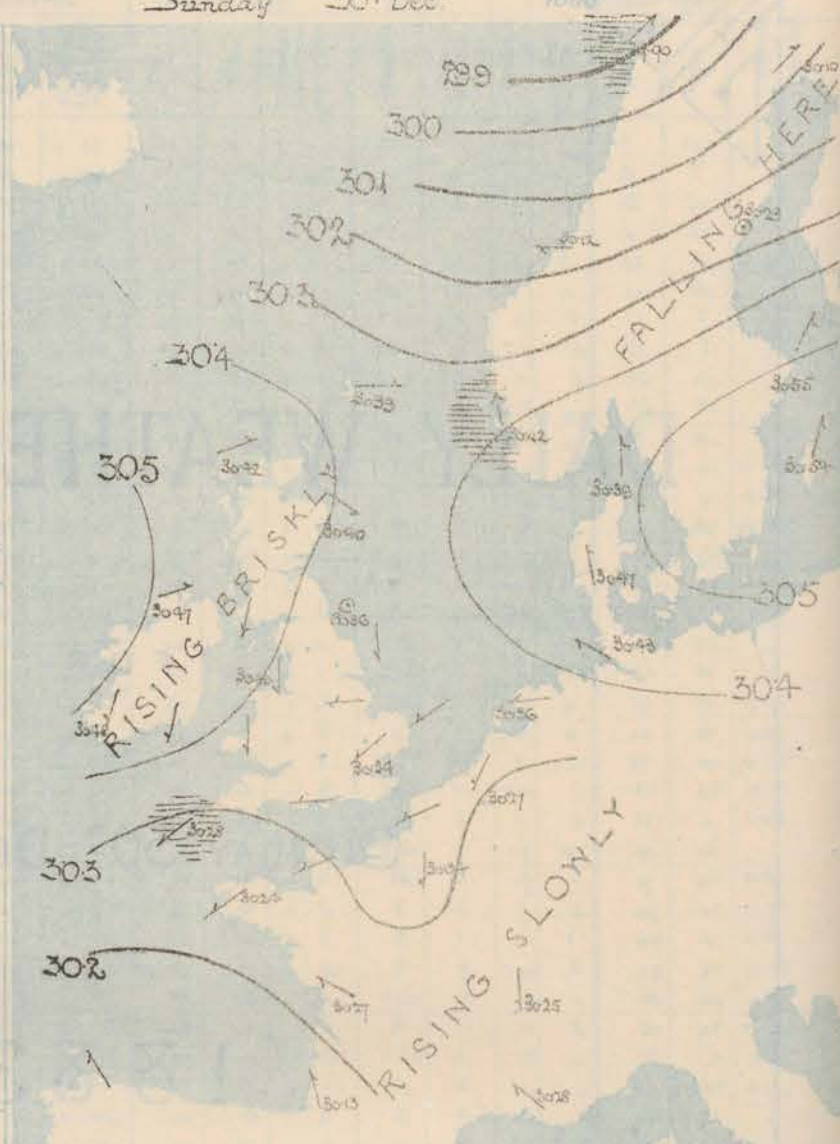
thus — Rough, — High.

MEAN^s HEIGHT of the BAROMETER

at 8 a.m. for the month of December

Stations	Mean Readings
Sumburgh Head	29 586
Stornoway	29 701
Wick	29 717
Nairn	29 744
Aberdeen	29 750
Leith	29 800
Glasgow	29 836
York	29 877
Ardrossan	29 810
Donaghadee	29 832
Ballyhead	29 852
Liverpool	29 832
Valencia	29 878
Roche's Point	29 889
Pembroke	29 897
Sally	29 947
Harst Castle	29 888
Dover	29 942
LONDON	29 934
Oxford	29 957
Cambridge	29 926
Farmouth	29 902

^s These means are for the 10 years 1871 to 1880.



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.

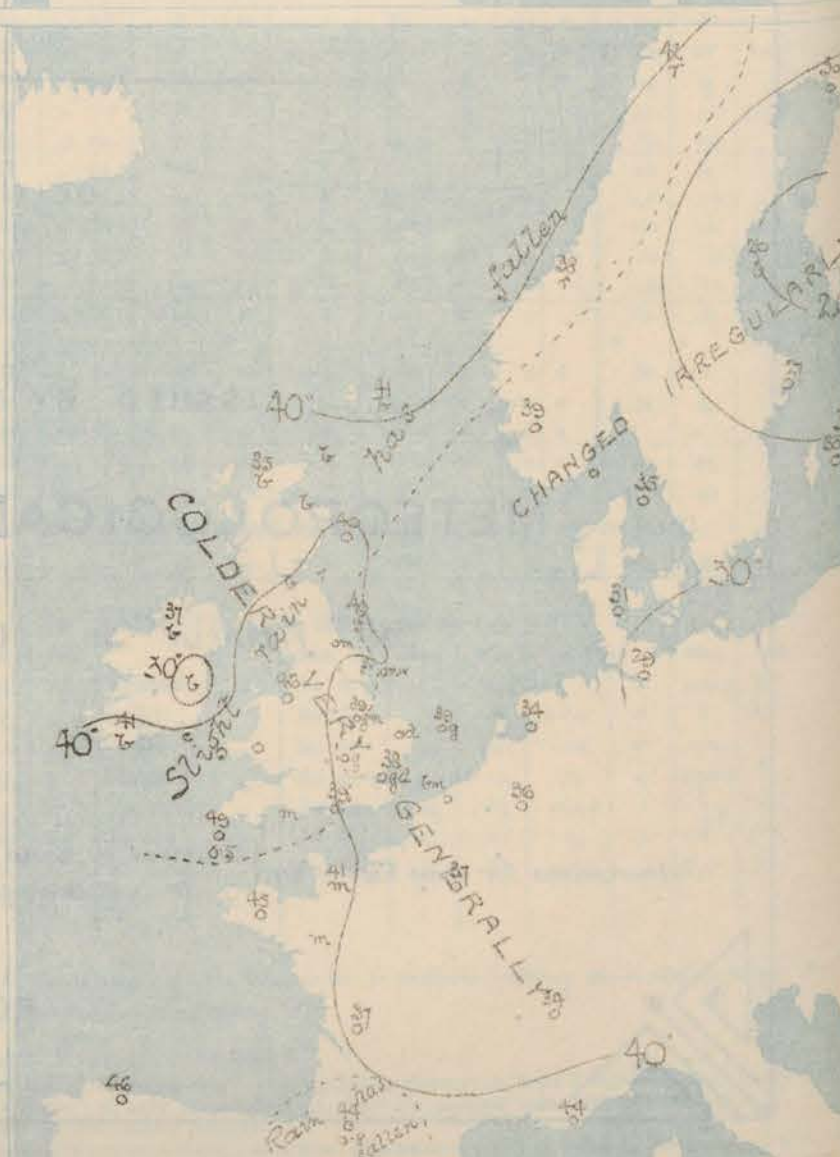
Falls of 0.5 in. or more, are quoted in figures.

MEANS^s OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of December

Stations	Temp.	Rainfall.
Sumburgh Head	38.0	4.12
Stornoway	38.9	5.81
Wick	37.6	3.27
Nairn	36.9	2.71
Aberdeen	36.8	3.42
Leith	36.4	1.85
Glasgow	36.2	3.03
York	38.2	2.59
Ardrossan	36.1	4.17
Donaghadee	40.1	2.86
Ballyhead	42.9	4.03
Liverpool	39.1	2.89
Valencia	44.7	6.06
Roche's Point	42.9	4.89
Pembroke	43.7	4.26
Sally	47.2	4.18
Harst Castle	40.8	2.98
Dover	40.9	3.51
LONDON	38.7	2.28
Oxford	37.3	2.19
Cambridge	38.3	2.02
Farmouth	37.9	2.89

^s These mean 8 a.m. temperatures are for the 10 years 1871 to 1880, the mean rainfalls are means for the 15 years 1865 to 1880.



REMARKS

For Sunday 30th December 1883 at 8 a.m.

In the course of the past 24 hours a decided change has taken place in the distribution of pressure. One anticyclone still lies over the S. of Sweden, but the barometer has risen quickly on our W^{coast} & a second area of high pressure has been formed to the W^{est} of Ireland. The lowest readings are found to the N. of our Islands, but relatively high readings also exist over the N. of Spain.

The wind is moderate from S.E. on the Est shores of the North Sea, & also in the Bay of Biscay, but on our W^{coasts} N^{ly} breezes are reported, whilst in the E. the wind is light & somewhat variable. The weather is fine at many of the W^{est} & N^{orth} stations, but cloudy or overcast elsewhere, with fog or mist over England. Temperature has fallen generally - storm degrees in the N. & N^{orth}, & readings now range from 48° at Scilly to 34° at Wick & 30° at Portsmouth.

The sea is rather rough at Scilly, moderate to smooth elsewhere.

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

Issued

None

DISTRICTS

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

WARNINGS

FORECASTS

Issued

None

METEOROLOGICAL OBSERVATIONS FOR

30th DEC.

1883

YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 35° 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 35° 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	30.18	21	Z	0	6	30.10	- .10	30	30	0	SE	2	0	*	30	18	-		
Hernösand	30.31	13	Z	0	6	30.23	- .11	20	19	+ .3	Z	0	6	*	?	10	-		
Stockholm	30.55	31	SSW	2	f	30.55	- .01	27	27	- .5	SW	2	0	*	34	25	-		
Wisby	30.52	36	SW	4	0	30.52	+ .04	30	?	- .4	SSW	4	0	*	37	?	-		
Bodö	30.08	42	S	2	1	20.90	- .21	42	41	0	SW	6	1	*	43	37	0.16		
Christiansund	30.15	35	SEE	1	6	30.12	- .06	38	37	+ .3	E	2	1	4	?	30	0.12		
Skudesnaes	30.36	40	SEE	8	0	30.42	+ .01	39	36	0	SEE	6	0	6	41	39	-		
Osö (Xiamund)	30.45	37	SE	4	1	30.44	- .05	36	34	- .1	S	2	0	3	39	36	-		
Skagen (The Skaw)	30.50	28	S	4	6	30.49	- .04	35	34	- .1	S	4	0	3	36	34	-		
Faro	30.43	32	SEE	4	6	30.47	+ .02	31	30	- .5	SEE	4	0	*	36	30	-		
Cuxhaven	30.16	34	SE	2	0	30.43	+ .13	29	28	- .8	SEE	3	0	*	?	27	-		
Sumburgh Head	30.01	46	S	5	1	30.89	+ .35	41	39	- .5	N	2	6	4	46	38	0.29		
Stornoway	30.08	39	W	2	1	30.42	+ .39	35	35	- .7	W	3	6	2	43	30	0.26		
Wick	30.06	43	W	1	0	30.43	+ .38	34	33	- .13	N	1	6	1	47	32	0.10		
Nairn	30.02	49	Z	0	0	30.41	+ .37	35	34	- .14	W	1	6	1	51	35	0.10		
Aberdeen	30.10	45	S	1	6	30.40	+ .27	40	39	- .6	W	4	0	1	47	39	0.14		
Leith	30.14	45	SW	1	0	30.39	+ .26	42	42	- .8	E	1	1	*	50	40	0.02		
Shields	-	-	-	-	-	30.36	+ .14	40	39	- .4	Z	0	f	2	44	37	-		
Spurn Head	30.23	40	SE	2	0	30.36	+ .09	40	39	+ .1	N	1	m	2	40	37	-		
York	30.23	40	SEE	1	m	30.39	+ .11	39	39	- .1	SEE	1	f	*	42	37	0.05		
Loughborough	30.23	41	SEE	1	0	30.36	+ .09	39	39	- .3	E	1	0	*	43	39	0.03		
Ardrossan	30.08	47	S	2	0	30.42	+ .31	38	37	- .10	W	1	6	1	48	37	0.02		
Mullaghmore	30.17	42	W	5	1	30.47	+ .43	37	35	- .9	W	1	6	3	46	34	0.83		
Donaghadee	30.12	47	SW	3	0	30.41	+ .27	44	41	- .9	NNE	5	6	3	48	42	0.04		
Parsonstown	30.21	41	W	1	0	30.40	+ .37	30	29	- .18	Z	0	6	*	50	29	-		
Barrow-in-Furness	30.17	44	S	2	0	30.37	+ .16	42	42	- .3	E	1	m	2	46	42	0.04		
Holyhead	30.16	47	SSW	1	0	30.40	+ .19	46	43	- .2	N	4	0	4	49	44	0.09		
Liverpool (Bidston)	30.19	47	S	1	0	30.37	+ .13	41	40	- .5	SEE	1	f	1	49	38	-		
Valencia	30.19	43	N	3	0	30.48	+ .41	41	38	- .11	NNE	4	6	4	53	39	0.41		
Roche's Point	30.16	43	W	6	1	30.43	+ .26	41	39	- .9	NNE	3	0	3	51	40	0.20		
Pembroke	30.18	48	SSW	1	1	30.38	+ .10	46	45	- .3	N	3	0	2	49	42	0.11		
Scilly	30.17	49	S	1	0	30.28	+ .05	49	48	- .1	NE	4	0	5	57	45	0.49		
Prawle Point	30.21	46	NE	1	0	30.32	+ .05	44	44	- .3	ENE	1	m	1	48	43	0.01		
Hurst Castle	30.22	43	E	1	1	30.32	+ .06	39	38	- .5	E	2	0	2	47	38	0.05		
Dover	30.21	39	E	3	0	30.34	+ .08	39	37	- .1	NE	3	0	1	41	37	-		
London	30.24	39	E	2	0	30.34	+ .05	38	38	0	NE	1	0	*	42	37	-		
Oxford	30.23	41	Z	0	0	30.36	+ .08	39	38	- .3	S	1	0	*	43	39	0.01		
Cambridge	30.23	56	E	1	0	30.37	+ .08	38	38	0	NE	1	0	*	41	36	0.01		
Yarmouth	30.23	39	SEE	1	0	30.35	+ .07	39	37	- .1	NE	2	0	3	40	37	-		
The Helder	30.29	35	SEE	1	f	30.36	+ .04	34	32	- .1	E	1	0	1	36	34	-		
Cape Gris Nez	30.22	36	E	3	0	30.36	+ .10	36	36	- .4	ENE	1	f	1	43	36	-		
Jersey	30.20	45	Z	0	0	30.26	00	41	40	- .3	ENE	4	m	3	45	41	-		
Brest	30.22	46	Z	0	0	30.24	- .03	40	43	- .2	ENE	3	0	3	48	41	-		
Lorient	30.22	42	E	3	0	30.25	00	42	41	- .2	SEE	3	m	3	48	39	-		
Rochefort	30.27	37	SEE	4	0	30.27	- .04	37	36	- .2	SEE	4	0	2	43	30	-		
Biarritz	30.16	45	S	1	0	30.13	- .08	44	43	+ .4	SEE	3	0	1	50	37	0.79		
Corunna	-	-	-	-	-	30.27	+ .06	46	45	+ .1	SE	1	0	3	54	34	-		
Brussels	-	-	-	-	-	30.27	- .01	36	34	- .1	ENE	1	0	*	37	35	-		
Charleville	30.23	36	S	4	0	30.26	+ .01	?	?	?	E	3	0	*	?	?	-		
Paris	-	-	-	-	-	30.34	+ .04	37	37	- .5	N	3	0	*	*	*	-		
Lyons	30.22	34	W	1	0	30.25	- .01	34	33	+ .1	N	1	0	*	37	?	-		
Toulon	30.21	45	SE	4	f	30.28	+ .02	44	41	0	SEE	5	0	4	48	41	0.24		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	30.06	39	E	1	1	24.09	+ .02	38	38	- .5	SEE	1	0	*	45	32	0.11		

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

Hawes Junction	30.06	39	E	1	1	24.09	+ .02	38	38	- .5		SEE	1	0	*	45	32	0.11
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.38	41	37	SEE	8	0	6	Valencia ...	30.17	43	43	NW	4	Amg	4
Sumburgh Head	30.02	46	46	SSW	5	nm	5	Scilly ...	30.18	50	48	S	2	0	4
Stornoway ...	30.04	40	40	WNW	3	N	2	Dover ..	30.21	40	39	E	2	0	1
Aberdeen ...	30.10	46	45	S	4	om	1	London ...	30.23	41	40	W	0	ogm	#
Shields ...	30.17	44	43	SW	1	m	2	Yarmouth ...	30.23	40	38	ESE	1	e	2
Ardrossan ...	30.09	48	47	S	2	0	2	Jersey ...	30.22	44	43	W	0	0	3
Mullaghmore ...	30.09	42	41	NN	4	nm	3	Rochefort ...	30.27	39	38	SSW	1	f	2
Holyhead ...	30.16	48	47	SSW	1	0	2								

A very considerable change has now taken place on our most W. coast, where the barometer has begun to rise decidedly, the wind has shifted to the NW. and temperature is falling fast. On the E. and NE. very little change is reported.

EXPLANATION OF COLUMNS.

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

DAILY WEATHER REPORT

FOR

MONDAY 31ST DEC^R

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

ROBERT H. SCOTT

(SECRETARY).

WEATHER CHARTS

for 8 a.m. on

MONDAY, 31st DECEMBER

1881

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

at 8 a.m. for the month of December.

Stations.	Mean Readings
Samburgh Head	29.68
Sarnoway	29.70
Wick	29.71
Nairn	29.71
Aberdeen	29.78
Leith	29.80
Shields	29.86
York	29.87
Ardrossan	29.87
Donaghadee	29.88
Ballyhead	29.88
Liverpool	29.88
Valencia	29.88
Rock's Point	29.88
Penrhye	29.88
Sally	29.88
Black Castle	29.88
Dover	29.88
LONDON	29.88
Cardiff	29.88
Cambridge	29.88
Barnmouth	29.88

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

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

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

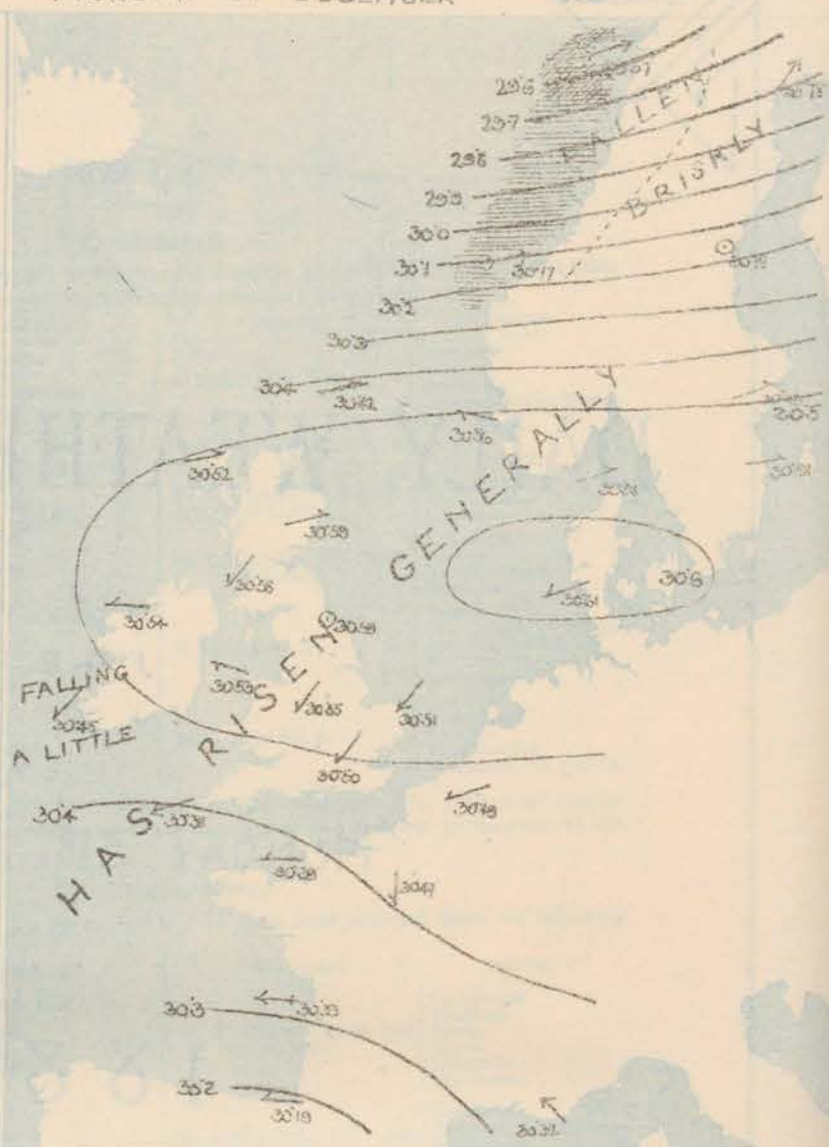
Falls of 0.6 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of December

Stations.	Temp.	Rainfall.
Samburgh Head	35.0	4.13
Sarnoway	34.9	5.61
Wick	37.8	3.21
Nairn	36.9	0.01
Aberdeen	36.9	0.72
Leith	38.1	1.26
Shields	39.2	0.03
York	39.2	2.64
Ardrossan	40.1	4.17
Donaghadee	40.1	2.65
Ballyhead	42.2	4.03
Liverpool	40.1	2.89
Valencia	44.7	6.05
Rock's Point	42.4	4.89
Penrhye	43.7	0.26
Sally	47.2	4.18
Black Castle	40.6	2.96
Dover	40.0	0.51
LONDON	38.1	0.25
Cardiff	37.3	2.22
Cambridge	36.3	2.12
Barnmouth	37.9	2.39

* These means of a.m. Temperature are for the 10 years 1871 to 1880, the means of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Monday 31st December 1883 at 8 a.m.

A further rise of the barometer has taken place over the United Kingdom, the North Sea, & the greater part of France since yesterday & a band of relatively high pressure (30.5 in. to 30.6 in.) lies from E. to W. over Denmark, the S. of Scandinavia, the North Sea, & the British Islands. To the Nth of this band the gradients are steep for Sth winds, while to the Sth (i.e. over the Channel & France) they are slight, for Eth winds. The winds reported agree with these conditions - being cold & dry from NE & E at all but our Nth stations, but mild & very strong from SW in the far N. In the N. of Norway a strong Sth gale is reported. It thus happens that the temperature is considerably higher at the Nth than at the Sth station, the bar. reading at Bodø (within the Arctic Circle) being 8° higher than that in London, & 15° higher than that at Brussels. The weather is foul at our NE stations, & though the sky is still overcast elsewhere the wet fogs in England have disappeared, & the air has become dry & searching.

The sea is moderate in the East & South, smooth in the North-east

The barometer is now falling in the Sth of our Islands so that the gradients for Eth winds are likely to increase and the wind to freshen at our Sth stations

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

1st January 1884

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	N th and S th winds; fair on the whole
2 SCOTLAND EAST	-----D th -----D th -----D th -----
3 ENGLAND N.E.	Varying E th (S.E. to N.E.) winds; fair on the whole
4 ENGLAND EAST	Same as N ^o 5
5 MIDLAND COUNTIES	NE winds, moderate to fresh; fair
6 ENGLAND SOUTH	NE th and E th winds, freshening considerably; with some cold showers

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Variable winds; fair on the whole
7 ENGLAND N.W.	Same as N ^o 4
8 ENGLAND S.W.	Same as N ^o 5
9 IRELAND NORTH	Same as N ^o 6
10 IRELAND SOUTH	Same as N ^o 5
WARNINGS	None issued at present

METEOROLOGICAL OBSERVATIONS FOR

31ST DEC. 1882

	YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. Sea Level.	Therm. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Therm. (0 to 12).	Weather.	Therm. (0 to 24).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 15).				Max.	Min.	
Haparanda	29.98	29	SW	4	bc	29.78	- 32.	34	33	+ 1.	SW	6	0	*	?	27	-	-
Hernösand	30.29	24	Zo	0	bc	30.18	- 35	30	28	+ 10	Zo	0	0	*	?	?	-	-
Stockholm	30.34	24	W	4	0	30.49	- 06	28	27	+ 1	W	4	0	*	32	23	-	-
Wisby	30.67	38	SW	4	0	30.58	+ 04	32	31	+ 2	W	4	0	*	36	?	-	-
Hudö	29.91	41	W	8	0	29.87	- 33	44	44	+ 2.	W	9	0	*	45	36	0.43	-
Christiansund	30.28	40	W	7	0	30.17	+ 08	46	47	+ 8	W	9	0	*	46	36	0.04	-
Skudesnes	30.31	40	SE	6	h	30.56	+ 14	41	40	+ 2	SE	2	0	*	?	34	-	-
Örö (Näsensund)	30.52	30	W	1	bc	30.53	+ 09	28	27	- 8	W	2	6	1	?	27	-	-
Skagen (The Skaw)	30.57	30	W	3	0	30.58	+ 09	30	29	- 5	W	1	0	3	36	27	-	-
Faro	30.86	29	Zo	0	0	30.61	+ 14	31	31	0	E	2	0	*	?	27	-	-
Cuxhaven	30.30	27	E	3	c	30.55	+ 12	27	27	- 2	E	3	0	*	?	25	-	-
Sumburgh Head	30.39	42	W	2	bc	30.42	+ 03	46	45	+ 5	W	4	0	*	46	40	-	-
Stornoway	30.48	37	SE	3	c	30.52	+ 10	43	42	+ 8	SW	1	0	2	43	33	-	-
Wick	30.51	37	W	1	bc	30.54	+ 11	38	37	+ 4	W	1	6	0	43	35	-	-
Nairn	30.53	31	Zo	0	bc	30.55	+ 14	35	35	0	SW	1	6	1	37	31	-	-
Aberdeen	30.53	34	Zo	0	bc	30.59	+ 19	30	29	- 10	W	2	6	1	41	28	-	-
Leith	30.52	42	E	1	0	30.68	+ 19	37	36	- 5	SE	1	6	2	43	34	0.05	-
Shields	30.49	43	Zo	0	m	30.59	+ 23	42	40	+ 2	S	1	m	2	44	39	-	-
Spur Head	30.46	40	E	3	0	30.58	+ 19	39	37	- 1	NE	5	0	3	40	36	-	-
Yark	30.49	41	SE	1	0	30.60	+ 21	39	37	0	E	1	0	*	41	37	-	-
Loughborough	30.45	40	N	2	A	30.55	+ 19	37	36	- 2	NE	1	0	*	41	36	-	-
Ardrossan	30.53	41	Zo	0	0	30.68	+ 16	37	36	- 1	NE	1	0	*	42	35	-	-
Mullaghmore	30.54	37	Zo	0	bc	30.52	+ 07	38	36	+ 1	E	1	0	3	46	35	-	-
Donaghadee	30.52	44	W	4	bc	30.57	+ 16	44	43	0	NE	3	0	1	44	42	-	-
Parsonstown	30.55	31	W	1	bc	30.52	+ 03	34	32	+ 4	Zo	0	6	*	37	24	-	-
Barrow-in-Furness	30.43	40	NE	2	c	30.54	+ 17	38	38	- 4	NE	3	0	2	45	37	-	-
Holyhead	30.45	44	E	4	0	30.53	+ 13	41	38	- 5	SE	4	0	4	46	39	-	-
Liverpool (Biston)	30.47	44	W	1	0	30.56	+ 19	38	36	- 3	E	2	0	1	43	38	0.03	-
Valencia	30.51	30	NE	3	bc	30.45	- 03	39	38	- 2	NE	1	6	2	45	33	-	-
Roche's Point	30.48	38	W	2	bc	30.45	+ 02	43	43	+ 2	E	4	m	4	50	36	-	-
Pembroke	30.41	45	W	2	0	30.48	+ 15	38	35	- 8	E	3	0	2	46	38	-	-
Scilly	30.35	40	E	5	cm	30.38	+ 10	42	40	- 7	E	6	0	5	50	40	-	-
Prawle Point	30.38	41	NE	5	0	30.43	+ 11	38	36	- 6	NE	5	0	4	45	36	-	-
Hurst Castle	30.40	40	E	3	m	30.47	+ 15	38	36	- 1	E	5	0	2	44	36	-	-
Dover	30.37	38	NE	3	0	30.47	+ 13	38	36	- 1	E	4	0	3	40	36	-	-
London	30.42	40	NE	1	0	30.50	+ 16	36	35	- 2	NE	1	0	*	41	36	0.01	-
Oxford	30.47	38	NE	2	0	30.53	+ 17	36	34	- 3	E	2	0	*	39	35	-	-
Cambridge	30.48	37	NE	1	0	30.55	+ 18	37	36	- 1	NE	1	0	*	39	34	0.01	-
Yarmouth	30.41	37	E	4	0	30.51	+ 16	38	37	- 1	NE	5	0	4	40	35	-	-
The Heider	30.47	30	E	1	0	30.52	+ 16	40	39	- 4	NE	3	0	3	34	28	-	-
Cape Gris Nez	30.37	35	E	5	m	30.46	+ 10	33	31	- 3	E	4	m	3	37	?	-	-
Jersey	30.32	45	E	3	m	30.39	+ 13	36	35	- 5	E	4	0	3	41	36	-	-
Brest																		
Lorient																		
Rochefort	30.30	37	E	7	bc	30.33	+ 06	36	35	- 1	E	8	0	2	41	32	-	-
Biarritz	30.17	46	E	3	0	30.19	+ 06	36	34	- 8	E	3	6	1	39	34	-	-
Corran																		
Brussels						30.49	+ 22	30	29	- 6	E	3	0	*	37	30	-	-
Charleville	30.31	33	E	3	0	30.40	+ 14	32	31	?	NE	3	0	*	35	32	-	-
Paris	30.39	37	W	3	0	30.47	+ 13	35	32	- 2	W	4	0	*	*	*	-	-
Lyons																		
Toulon	30.28	44	SE	7	0	30.32	+ 04	44	40	0	SE	7	0	5	45	41	-	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.10	39	NE	2	0	29.09	- 00	25	24	- 3	E	3	0	*	41	35	0.01	-

HIGH LEVEL STATION.

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

Hawes Junction	29.10	39	NE	2	0	29.09	00	25	34	-3	E	3	0	*	41	35	0.01	-	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.47	40	37	ESE	6	0	5	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...								Dover ..							
Aberdeen ...								London ...					*		
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	30.28	37	36	E	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).

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR DEC. 1883.

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	+ YESTERDAY EVENING.					8 A.M. TO DAY.								PAST 24 HOURS.			
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Int.
				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.	
3 rd	Coruna	*	*	*	*	*	30.37	-	48	47	-	NE	1	6e	2	57	39	-
5 th	Coruna	*	*	*	*	*	30.16	-	52	52	-	NE	1	f	3	56	45	0.08
6 th	Coruna	*	*	*	*	*	30.08	- 0.8	49	48	- 3	NNE	1	c	3	59	43	0.35
7 th	Trisly	29.97	30	NE	6	0	29.89	-	32	31	-	ENE	8	0	*	?	23	0.04
8 th	Yano	30.36	25	WNW	5	0	30.33	+ 0.3	52	50	+ 11	W	4	e	*	32	19	-
9 th	Coruna	*	*	*	*	*	30.28	+ 0.5	45	43	- 2	NNE	8	8	5	54	39	-
10 th	Coruna	*	*	*	*	*	30.31	+ 0.8	47	44	+ 2	NNE	7	c	4	50	39	-
11 th	Coruna	*	*	*	*	*	30.28	-	54	53	-	SW	3	0	4	55	39	0.04
12 th	Saparanda	29.34	35	S	6	0	29.26	- 0.6	33	33	0	S	6	0	2	36	32	0.21
	Hernandez	29.49	35	SSE	8	0	29.20	- 0.7	33	33	- 3	SSE	4	3	*	39	?	0.
	Stockholm	29.41	35	SSE	4	0	29.24	- 0.6	35	34	- 1	SSW	4	3	*	41	34	-
	Trisly	29.49	33	S	6	0	29.31	- 0.9	35	33	- 1	S	4	0	*	39	30	-
	Bodo	28.92	37	E	2	0	28.89	- 0.2	36	34	+ 3	SEA	2	0	2	37	32	0.04
	Christiansund	28.89	40	WNW	6	0	29.03	+ 0.2	35	35	- 8	WSW	4	0	5	?	32	0.12
	Skudonau	29.17	41	WNW	4	0	28.92	- 0.5	40	36	- 5	E	6	0	5	45	?	0.35
	Ragen	29.17	38	S	8	0	29.07	- 0.3	39	38	0	E	3	0	3	39	36	0.16
	Yano	29.38	39	W	4	0	28.87	- 0.7	35	35	- 1	SSE	6	0	4	39	34	0.24
	Stornoway	28.98	38	SSE	6	0	29.42	+ 0.7	36	35	- 2	WNW	8	6e	6	40	34	0.83
	Trick	29.09	37	S	1	0	29.30	+ 0.9	35	34	0	WNW	5	0	4	38	34	0.73
	Abdeen	29.27	38	SW	3	0	29.28	+ 0.2	37	35	- 1	NW	7	0	3	43	36	0.42
	Leith	29.33	42	W	3	0	29.41	+ 0.3	37	36	- 2	NW	5	0	4	49	36	0.22
	Androsan	29.29	43	S	6	0	29.60	+ 0.3	40	39	- 2	WNW	8	6e	6	47	39	0.47
	Mullaghmore	29.27	50	SW	7	0	29.87	+ 0.2	44	40	0	NW	8	0	7	52	41	0.16
	Donaghadee	?	41	W	6	0	29.71	+ 0.3	40	38	0	WNW	7	c	5	51	38	0.20
	Barrow in Lunenburg	29.55	45	WNW	4	0	29.55	+ 0.3	42	38	0	NW	11	6e	7	50	40	0.10
	Coruna	*	*	*	*	*	30.39	+ 0.1	55	54	+ 1	WSW	3	0	4	59	48	0.08
	Toulon	30.05	44	W	8	0	30.17	+ 0.5	40	39	+ 12	NW	7	c	5	?	34	0.04
13 th	Bodo	29.20	36	SSE	2	0	29.29	+ 0.4	34	33	- 2	SE	2	0	1	39	34	0.16
	Christiansund	29.25	35	SEA	3	0	29.17	+ 0.4	35	32	0	SE	1	0	0	37	32	-
	Skudonau	29.38	40	WNW	8	0	29.45	+ 0.5	37	34	- 3	WSW	2	0	4	?	36	-
	Goö	29.31	35	N	6	0	29.50	-	35	33	-	W	4	0	3	41	34	0.28
	Ragen	29.30	39	SEA	3	0	29.47	+ 0.4	37	33	- 2	WNW	5	0	5	39	36	0.08
	Yano	29.34	35	WNW	6	0	29.69	+ 0.2	37	36	+ 2	WNW	4	0	4	39	34	0.04
	Androsan	29.33	42	NW	2	0	29.50	+ 0.1	50	50	+ 10	WSW	5	0	4	50	39	0.18
	Donaghadee	29.95	40	NW	4	0	29.63	- 0.8	51	50	+ 11	W	7	0	5	51	38	0.06
	Barrow in Lunenburg	29.93	43	WNW	6	0	29.71	+ 0.6	49	48	+ 7	SW	6	0	8	49	40	0.14
	Coruna	*	*	*	*	*	30.45	+ 0.6	52	52	- 3	WSW	1	f	5	59	46	0.08
14 th	Saparanda	29.38	32	S	4	0	29.15	- 0.3	30	30	- 3	S	4	0	4	34	2	0.47
	Hernandez	29.24	33	W	0	0	28.97	- 0.3	34	33	0	S	8	0	4	36	28	0.08
	Stockholm	29.38	33	SW	1	0	29.05	- 0.4	36	35	+ 1	SSW	4	0	4	36	32	-
	Trisly	29.48	36	SSW	6	0	29.22	- 0.6	41	40	+ 6	WSW	8	0	4	?	32	0.12
	Bodo	29.07	32	W	0	0	28.84	- 0.5	30	27	- 4	ENE	4	0	2	34	28	-
	Christiansund	28.93	34	SEA	3	0	28.66	- 0.5	40	38	+ 5	SW	8	c	5	?	30	0.39
	Skudonau	29.10	40	WSW	6	0	29.06	- 0.9	45	42	+ 8	WSW	8	0	5	46	37	0.24
	Goö	29.11	41	NW	2	0	29.13	- 0.7	43	41	+ 8	WSW	6	0	4	?	?	0.24
	Donaghadee	29.64	50	W	5	0	29.48	- 0.5	43	43	- 8	WSW	3	c	1	55	42	0.10
	Barrow in Lunenburg	29.65	49	WSW	5	0	29.44	- 0.7	45	45	- 4	NW	5	0	6	51	45	0.47
	Penhryn	29.89	52	WSW	7	0	29.56	- 0.9	52	51	0	WSW	7	0	6	52	49	0.18
	The Helles	29.67	48	WSW	4	0	29.61	-	48	47	-	SW	5	0	3	48	41	0.04
	Coruna	*	*	*	*	*	30.29	- 0.6	44	43	- 8	SW	1	0	4	57	36	-
15 th	Barrow in Lunenburg	29.52	48	WNW	6	0	29.66	+ 0.2	43	40	- 2	WSW	5	0	7	46	41	-

SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING

Observations are made

(The Stations are grouped in Districts, and then arranged in order of

Names of Districts	Names of Stations	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from observations made at 8 a.m.	Air Temperature								Tension of Vapour
			At 8 a.m.	Means of			Absolute Extremes				
				Minima	Maxima	Min. and Max. combined	Minimum	Date	Maximum	Date	
		ins.	°	°	°	°	°		°		ins.
0. SCOTLAND, N.	Sumburgh Head ...	29.775	41.3	36.1	44.3	40.2	30	20 ⁴ / ₁₁	49	13 ⁴ / ₁₁ +24 ⁴ / ₁₁	0.220
	Wick ...	29.897	39.0	34.4	42.8	38.6	30	6 ⁴ / ₁₁ +7 ⁴ / ₁₁	53	24 ⁴ / ₁₁	.212
	Stornoway ...	29.918	40.8	35.6	45.0	40.3	29	7 ⁴ / ₁₁	53	24 ⁴ / ₁₁	.237
1. SCOTLAND, E.	Nairn ...	29.939	39.7	35.8	44.3	40.1	29	28 ⁴ / ₁₁	53	24 ⁴ / ₁₁	.214
	Aberdeen ...	29.945	38.0	33.5	43.1	38.3	25	8 ⁴ / ₁₁	54	13 ⁴ / ₁₁ +24 ⁴ / ₁₁	.195
	Leith ...	30.002	42.0	37.2	46.5	41.9	30	7 ⁴ / ₁₁	54	13 ⁴ / ₁₁	.225
2. ENGLAND, N.E.	Shields ...	30.035	40.8	35.9	45.0	40.5	31	6 ⁴ / ₁₁ , 8 ⁴ / ₁₁ , 16 ⁴ / ₁₁ , 17 ⁴ / ₁₁	55	13 ⁴ / ₁₁	.216
	York ...	30.088	39.9	35.8	44.8	40.3	28	7 ⁴ / ₁₁	55	13 ⁴ / ₁₁	.214
	Spurn Head ...	30.043	40.5	36.0	43.7	39.9	30	7 ⁴ / ₁₁	52	13 ⁴ / ₁₁	.233
3. ENGLAND, E.	Yarmouth ...	30.071	39.7	35.8	43.1	39.5	30	7 ⁴ / ₁₁ +8 ⁴ / ₁₁	54	14 ⁴ / ₁₁	.220
	Cambridge...	30.134	39.0	35.1	44.1	39.6	27	7 ⁴ / ₁₁ +8 ⁴ / ₁₁	55	14 ⁴ / ₁₁ +15 ⁴ / ₁₁	.218
4. MIDLAND COUNTIES.	Loughborough ...	30.130	39.6	36.6	44.5	40.6	29	6 ⁴ / ₁₁ +8 ⁴ / ₁₁	55	24 ⁴ / ₁₁	.213
	Oxford ...	30.184	39.5	36.8	44.5	40.7	27	7 ⁴ / ₁₁	55	3 ⁴ / ₁₁	.207
5. ENGLAND S.	London ...	30.170	39.7	36.9	44.8	40.9	30	7 ⁴ / ₁₁	55	13 ⁴ / ₁₁	.214
	Dover ...	30.135	40.4	37.6	44.4	41.0	30	7 ⁴ / ₁₁	53	14 ⁴ / ₁₁	.220
	Hurst Castle ...	30.202	41.1	37.0	47.0	42.0	26	8 ⁴ / ₁₁	54	3 ⁴ / ₁₁	.232
6. SCOTLAND, W.	Ardrossan ...	30.054	42.4	38.8	46.1	42.5	27	7 ⁴ / ₁₁	52	13 ⁴ / ₁₁	.254
7. ENGLAND, N.W.	*Hawes Junction ...	28.790	36.3	32.1	40.7	36.4	21	7 ⁴ / ₁₁	49	26 ⁴ / ₁₁	.199
	Barrow-in-Furness...	30.099	41.7	38.8	45.3	42.0	30	7 ⁴ / ₁₁	57	13 ⁴ / ₁₁	.228
	Liverpool Obs ^y (Bidston)	30.135	41.6	39.3	45.6	42.5	31	7 ⁴ / ₁₁	55	13 ⁴ / ₁₁	.227
	Holyhead ...	30.160	44.9	40.0	47.7	43.9	33	8 ⁴ / ₁₁	53	12 ⁴ / ₁₁ +13 ⁴ / ₁₁	.240
8. ENGLAND, S.W.	Pembroke ...	30.207	44.9	41.6	47.8	44.7	30	7 ⁴ / ₁₁	53	3 ⁴ / ₁₁	.244
	Prawle Point ...	30.244	42.3	38.5	47.5	43.0	28	7 ⁴ / ₁₁ +8 ⁴ / ₁₁	53	13 ⁴ / ₁₁	.243
9. IRELAND, N.	Donaghadee ...	30.114	42.8	38.6	46.8	42.7	30	8 ⁴ / ₁₁	55	13 ⁴ / ₁₁	.247
	Mullaghmore ...	30.131	43.9	39.9	48.1	44.0	26	7 ⁴ / ₁₁	55	28 ⁴ / ₁₁	.249
10 IRELAND, S.	Parsonstown ...	30.214	39.6	34.3	46.7	40.5	21	7 ⁴ / ₁₁ +8 ⁴ / ₁₁	54	28 ⁴ / ₁₁	.213
	Valencia ...	30.262	45.7	41.5	50.7	46.1	30	7 ⁴ / ₁₁	55	11 ⁴ / ₁₁ , 13 ⁴ / ₁₁ , 27 ⁴ / ₁₁ , 28 ⁴ / ₁₁	.276
	Roche's Point ...	30.244	44.5	39.7	50.0	44.9	30	7 ⁴ / ₁₁ +8 ⁴ / ₁₁	55	3 ⁴ / ₁₁ +13 ⁴ / ₁₁	.264
CHANNEL ISLANDS.	Scilly (St. Mary's)...	30.234	47.8	44.4	49.6	47.0	35	7 ⁴ / ₁₁	55	27 ⁴ / ₁₁	.272
	Jersey (Noirmont)...	30.236	44.2	41.7	46.8	44.3	30	7 ⁴ / ₁₁	53	3 ⁴ / ₁₁ , 11 ⁴ / ₁₁ , 13 ⁴ / ₁₁	.257
*Hawes Junction is 1135 feet above mean Sea Level and the											

*Hawes Junction is 1135 feet above mean Sea Level and the

STATIONS in the BRITISH ISLANDS during the month of DECEMBER 1883

at 8 a.m. daily.

Latitude, beginning in each case with the Station lying furthest North.)

Relative Humidity	Amount of Cloud	Rainfall			Weather							Wind								
		Total Fall in the month	Maximum Fall in one day	Date	No. of Days of							No. of observations of								
					Rain	Snow	Hail	Thunderstorms	Clear Sky	Overcast	Gales	North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calms
%		ins.	in.																	
85	7.9	4.16	0.55	11 th	29	1	0	0	4	20	2	7	1	0	0	3	5	10	5	0
90	7.0	3.76	0.73	11 th	21	2	0	0	2	13	7	4	1	0	0	2	4	9	11	0
94	7.0	6.37	0.95	12 th	26	0	0	0	3	15	12	3	0	0	0	5	9	11	3	0
88	6.7	1.99	0.34	12 th	18	0	0	0	8	17	5	2	0	0	0	0	8	10	7	4
85	5.6	2.39	0.42	3 rd 11 th	19	2	1	0	11	8	2	3	0	0	0	4	8	6	10	0
85	5.5	0.97	0.22	11 th	14	0	0	0	5	7	1	1	0	1	2	0	2	16	8	1
85	8.3	2.33	0.58	16 th	14	1	0	0	2	18	8	4	0	1	0	3	6	12	2	3
87	7.0	1.10	0.23	16 th	20	2	0	0	6	18	2	6	0	1	1	3	5	13	2	0
89	5.9	1.69	0.39	4 th	15	0	0	0	5	7	7	3	3	0	0	2	8	7	6	2
90	8.3	2.60	0.44	4 th	21	1	0	0	0	18	6	3	3	0	0	1	6	10	6	2
92	8.0	1.42	0.40	16 th	18	0	0	0	3	19	0	4	2	0	0	2	8	6	6	3
88	8.5	0.44	0.22	10 th	14	0	0	0	0	21	10	2	1	3	1	1	6	8	8	1
86	6.6	0.42	0.16	10 th	14	0	0	0	9	16	1	2	0	1	1	4	5	7	8	3
88	7.9	0.60	0.40	10 th	10	0	0	0	2	20	7	2	3	0	1	1	4	10	7	3
88	5.9	1.53	0.39	3 rd 11 th	16	1	0	0	8	12	3	8	2	2	2	0	4	8	5	0
90	6.0	1.07	0.46	10 th	17	0	0	0	8	8	5	5	4	4	0	0	2	6	8	2
94	6.5	3.79	0.50	10 th	23	0	0	0	9	16	4	4	2	2	0	4	5	6	6	2
93	7.7	6.39	0.96	10 th	22	0	0	0	5	21	3	5	2	2	0	2	9	8	2	1
87	7.3	2.62	0.53	10 th	18	0	0	0	4	16	3	6	1	2	3	1	6	4	8	0
87	7.5	1.52	0.62	10 th	17	0	0	0	3	18	2	2	1	1	5	3	5	9	5	0
81	7.8	2.30	0.62	10 th	18	0	0	0	0	15	3	4	3	3	1	3	3	7	7	0
83	7.2	2.02	0.25	15 th	22	0	0	0	1	14	5	6	2	3	2	3	3	6	6	0
91	6.0	1.42	0.28	14 th	17	0	0	0	8	11	4	6	2	3	0	1	2	7	9	1
90	6.6	1.56	0.33	10 th	20	0	0	0	3	11	7	3	4	1	0	5	2	13	3	0
87	7.1	4.23	0.53	10 th	23	0	0	0	3	7	12	3	1	2	0	1	9	10	4	1
88	7.5	1.86	0.69	10 th	14	0	0	0	4	20	0	1	0	0	1	4	3	13	2	7
90	7.2	2.87	0.52	13 th	21	0	0	0	7	18	8	3	3	0	3	4	3	5	7	3
90	5.9	2.16	0.60	9 th	15	0	0	0	9	11	3	8	2	1	1	1	6	8	4	0
82	9.0	1.61	0.49	29 th	20	0	0	0	0	21	7	5	5	2	1	3	3	6	5	1
88	7.9	1.45	0.29	6 th	16	0	0	0	0	16	7	6	4	5	0	1	4	7	4	0

Barometric Observations at this station are not corrected for altitude

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.		
				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.			
15 th	The Helder.....	29.48	45	W	6	0	29.69	- 01	43	40	- 5	W	7	0	4	50	48	0.16		
"	Cape Gu. May.....	29.74	46	"	1	0	29.87	+ 03	"	41	- 5	W	8	0	6	52	43	0.08		
"	Corunna.....	"	"	"	"	"	30.21	- 08	49	48	+ 5	SW	1	0	3	55	39	-		
"	Boulton.....	30.21	52	"	2	0	30.15	+ 09	47	42	- 1	NW	7	0	5	55	43	-		
17 th	Corunna.....	"	"	"	"	"	30.20	+ 08	44	42	- 11	ENE	4	0	6	55	36	0.08		
18 th	Lorient.....	30.42	41	NE	8	0	30.48	-	40	37	-	NNE	4	0	3	45	39	-		
"	Corunna.....	"	"	"	"	"	30.27	+ 07	44	42	0	ENE	1	0	4	45	36	-		
19 th	Corunna.....	"	"	"	"	"	30.27	- 00	46	44	+ 2	ENE	5	0	4	50	41	-		
20 th	Corunna.....	"	"	"	"	"	30.06	- 21	48	45	+ 2	NE	3	0	4	50	43	-		
21 st	Corunna.....	"	"	"	"	"	29.91	- 07	52	50	+ 4	NNE	5	0	4	52	46	-		
22 nd	Corunna.....	"	"	"	"	"	29.98	+ 07	41	41	- 11	E	1	0	3	54	39	-		
23 rd	Corunna.....	"	"	"	"	"	30.28	-	40	39	-	SE	1	0	3	57	34	-		
24 th	Pembroke.....	30.47	42	SE	1	0	30.36	- 14	44	44	+ 1	ESE	2	0	1	45	42	0.02		
"	Corunna.....	"	"	"	"	"	30.32	-	40	40	-	SE	1	0	2	61	34	-		
25 th	Pembroke.....	30.33	45	S	1	0	30.26	- 10	49	49	+ 5	S	3	0	3	49	43	0.08		
26 th	Corunna.....	"	"	"	"	"	30.09	- 04	39	37	0	SE	3	0	2	55	52	-		
2. CORRECTIONS																				
3 rd	Trick.....	? 29.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 th	Tranke Point.....	-	-	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6 th	Leith.....	-	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04		
"	Dunn.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04		
"	Cambridge.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7 th	Spinn Head.....	-	-	-	-	-	30.52	-	-	-	-	-	-	-	-	-	-	-		
"	Pembroke.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-		
8 th	Parsonstown.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Rain		
11 th	Valencia.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17		
"	Dunn.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.26		
13 th	Leith.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15		
"	Spinn Head.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04		
"	Valencia.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	0.04		
14 th	Spinn Head.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
"	Mullaghmore.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-		
"	Clinspor.....	? 29.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Rain		
15 th	Rock Point.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
18 th	Valencia.....	-	43	NNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
19 th	Leith.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	-		
20 th	Barron or Sumner.....	-	-	-	-	-	29.92	- 40	-	-	-	-	-	-	-	50	-	-		
21 st	Leith.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
"	York.....	-	-	-	-	-	29.78	- 12	-	-	-	-	-	-	-	-	-	-		
"	Parsonstown.....	29.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
24 th	Leith.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	0.01		
25 th	Leith.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02		
"	Cambridge.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33		
30 th	Valencia.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
31 st	Shields.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-		