

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY — 31ST DECEMBER,
1882.



MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH
DAILY TO THE METEOROLOGICAL OFFICE, FROM JULY 1ST TO DEC 31ST 1882.

DAILY WEATHER REPORT

FOR

FRIDAY, 1ST DECEMBER.

1882

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 Friday, 1st DECEMBER 1882.

BAROMETER, WIND & SEA

Explanation of Map.

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

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

Wind. Arrows show the prevalent winds.

They fly with the wind, and their

barbs and feathers refer to force, thus—

— forces above 10; — forces 8 to 10;

— forces 5 to 7; — forces 1 to 4;

○ — dead calm.

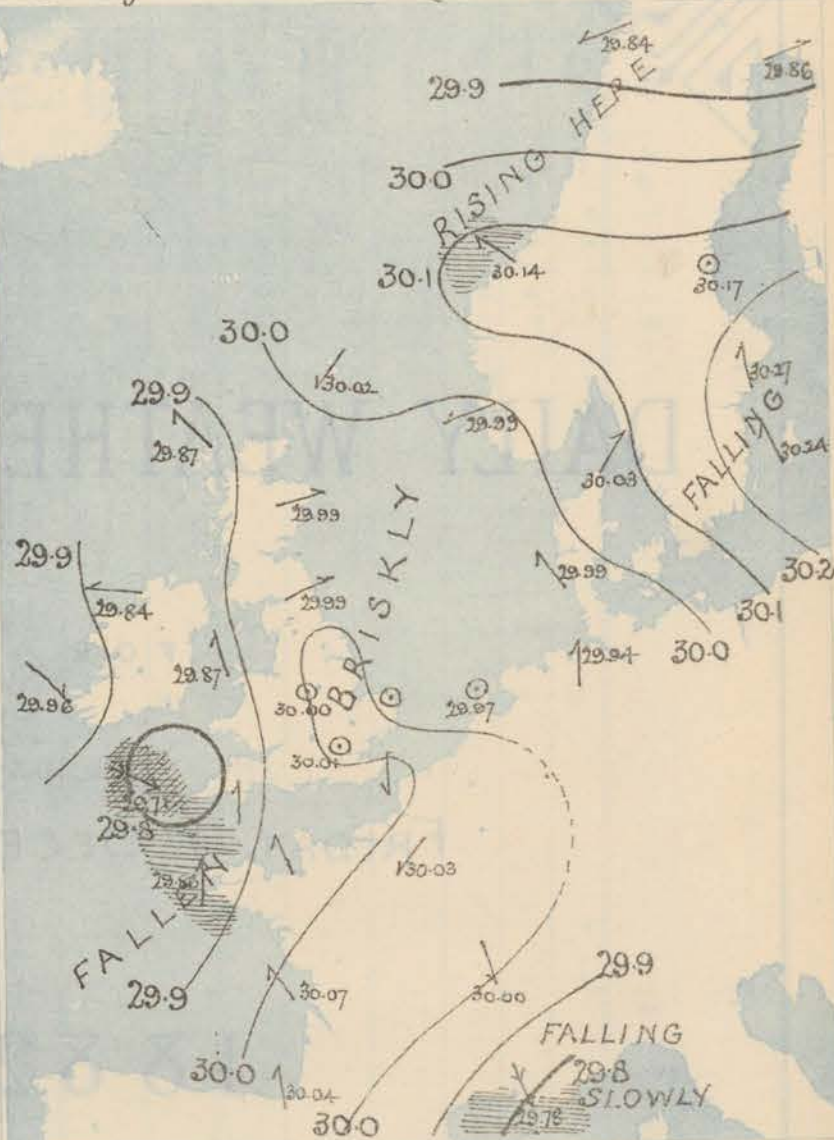
Sea Disturbance, where considerable, is shown by shading round the coast, thus — Rough; — High.

MEAN HEIGHT of the BAROMETER

for the month of December.

Stations.	Mean Readings Inch.
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.809
Greenock	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

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

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

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

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

MEANS* OF TEMPERATURE AND RAINFALL

for the month of December.

Stations	Temp	Rain-fall
Sumburgh Head	41.2	5.32
Stornoway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.29
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valencia	43.6	6.22
Sally (St Mary's)	46.7	4.02
Hurst Castle	43.2	?
Dover	41.0	3.54
LONDON	41.0	2.19
Wormouth	40.3	3.42

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



REMARKS

for FRIDAY 1st DEC^r 1882 at 8 a.m.

In the course of the past 24 hours a decided fall of the barometer has extended over our Islands from the westward, and a small depression is now shown near Scilly. Readings are highest at the Baltic stations, but gradients are at present slight over Western Europe generally. Calms or variable airs prevail at the midland and south-eastern stations, but in other districts the wind is chiefly S^{ly} or SE^{ly} excepting on our south-west coast, where a cyclonic circulation is shown round the depression noticed above. At Scilly there is a strong gale from WNW. The weather is very foggy in Central and south-eastern England, and cloudy elsewhere, with rain at Donaghadee and on our south-west coast. Heavy rain has fallen in the south-west, the amount measured at Roche's Point being as much as 1.1 ins. Temperature has risen in Ireland and the north of Scotland, fallen rapidly over England, and readings now range from 48° at Scilly to 25° at Loughborough. The sea is high at Scilly, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

2nd DECEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SE ^{ly} and S ^{ly} winds, moderate to fresh; cloudy, unsettled, some snow.
2 SCOTLAND EAST	D° - - - D° - - - D° - - -
3 ENGLAND N.E.	SE ^{ly} and S ^{ly} winds, moderate; cloudy, some cold rain or sleet.
4 ENGLAND EAST	Same as No 5.
5 MIDLAND COUNTIES	Same as No 5.
6 ENGLAND SOUTH	Wind becoming SE ^{ly} and S ^{ly} , moderate; foggy to dull and rainy.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as No 2.
7 ENGLAND N.W.	Same as No 2.
8 ENGLAND S.W.	Wind chiefly S ^{ly} , fresh or strong; dull, rain at times.
9 IRELAND NORTH	Variable to SE ^{ly} winds, moderate; dull, some rain.
10 IRELAND SOUTH	W ^{ly} to S ^{ly} or SE ^{ly} winds, moderate or fresh; cloudy, some rain.
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

1st DEC^r

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	29.97	22	SW	4	6	29.86	- .23	24	23	+ .21	SW	4	C	*	?	-4	-		
Hernösand	30.12	24	SE	4	0	30.17	- .13	19	19	+ .12	S	0	6	*	25	-9	-		
Stockholm	30.20	26	S	2	60	30.27	- .07	26	24	+ .5	S	2	6	*	28	18	-		
Wisby	30.26	24	SE	4	6	30.24	- .04	23	21	- .1	SSE	2	6	*	30	23	-		
Bodö	29.78	32	W	0	8	29.84	+ .09	34	31	+ .5	ENE	2	6	*	34	27	0.39		
Christiansund	30.09	28	SW	8	8	30.14	+ .15	26	25	- .6	ESSE	3	6	5	32	21	0.35		
†Skudesnaes	30.04	27	SSW	6	60	29.99	- .09	32	30	- .4	ENE	2	60	3	37	?	-		
Örö (Xiansund)	30.07	27	NNE	4	C	30.02	- .05	27	27	- .3	NNE	6	0	3	30	27	-		
Skagen (The Skaw)	30.10	34	SSW	2	8	30.03	- .09	33	33	+ .1	SW	2	8	1	34	30	0.20		
Fanö	30.08	32	SSE	2	0	29.99	- .03	32	31	- .1	SSE	4	C	*	34	30	-		
Cuxhaven	29.99	36	E	2	C	29.94	- .13	30	29	- .1	S	1	6	*	36	28	-		
†Sumburgh Head	30.15	34	NNE	2	C	30.02	- .13	36	33	+ .1	NE	3	0	3	37	32	0.10		
†Stornoway	30.10	38	SSE	3	60	29.87	- .37	41	38	+ .6	SE	4	0	4	41	33	-		
Wick	30.16	35	N	1	0	29.96	- .24	38	36	+ .4	S	2	0	3	39	33	0.07		
Nairn	30.14	30	W	1	6	29.94	- .29	30	30	- .5	S	0	6	1	36	28	-		
†Aberdeen	30.15	35	NNW	2	6	29.99	- .20	30	29	- .7	WSW	1	0	2	39	27	-		
Leith	30.13	30	Z	0	8	29.96	- .24	36	34	- .3	SE	1	C	*	40	28	-		
†Shields	30.16	39	N	2	2	29.99	- .16	32	31	- .10	WSW	2	0	3	42	30	0.03		
Spurn Head																			
York	30.16	36	N	1	8	30.01	- .11	29	27	- .10	N	1	6	*	43	26	-		
Loughborough	30.16	36	NW	1	6	30.00	- .09	25	25	- .15	S	0	6	*	46	24	-		
†Ardrossan	30.15	35	ENE	1	0	29.93	- .29	26	26	+ .3	ENE	2	0	1	39	32	-		
†Mullaghmore	30.02	40	ESSE	4	0	29.84	- .42	42	41	+ .3	E	1	0	3	45	37	0.32		
Donaghadee	30.12	41	SSE	2	C	29.88	- .35	40	40	- .3	SSE	1	0	0	45	39	0.20		
Parsonstown	30.06	36	Z	0	0	29.89	- .40	39	38	+ .9	W	1	0	*	40	29	0.49		
Barrow-in-Furness	30.15	37	ENE	2	6	29.95	- .19	34	33	- .6	NE	2	6	2	45	33	-		
†Holyhead	30.12	41	SE	2	6	29.87	- .30	40	40	- .5	SSE	2	0	1	46	38	-		
Liverpool (Bidston)	30.15	40	Z	0	0	29.94	- .20	32	32	- .6	ESE	3	0	0	43	32	-		
†Valencia	30.01	35	ESE	5	0	29.96	- .32	45	43	+ .6	NW	4	0	4	48	38	0.48		
Roche's Point	30.14	43	SW	4	6	29.86	?	45	43	+ .7	NNW	4	C	4	46	38	1.10		
Pembroke	30.14	43	SE	2	6	29.81	- .36	43	43	- .2	ESSE	3	0	2	47	43	0.27		
†Scilly	30.16	43	Z	0	C	29.71	- .50	48	46	+ .3	WNW	9	0	7	48	40	0.60		
Prawle Point	30.20	37	N	3	6	29.89	- .24	44	42	0	S	4	0	4	50	36	-		
Hurst Castle	30.16	38	NNE	1	m	29.95	- .10	39	38	- .3	ENE	3	C	3	45	38	-		
†Dover	30.10	39	N	3	6m	29.99	+ .02	35	34	- .7	N	4	0	2	44	33	0.08		
†London	30.13	39	N	2	6m	30.01	- .03	31	31	- .10	Z	0	0	*	43	28	-		
Oxford	30.16	32	N	1	6	29.99	- .09	26	26	- .13	NNE	1	0	*	45	25	-		
Cambridge	30.12	34	NNW	1	6	30.00	- .07	30	30	- .8	Z	0	0	*	44	27	-		
†Yarmouth	30.07	39	N	1	60	29.97	- .03	35	35	- .5	Z	0	0	3	43	31	0.07		
The Helder	30.03	35	ENE	1	6	29.97	- .00	31	31	- .4	SE	1	0	1	37	30	0.08		
Cape Gris Nez	30.05	42	NE	8	6	29.95	+ .05	36	36	- .4	ENE	1	0	2	46	36	0.04		
†Jersey	30.21	44	NNE	2	0	29.93	- .13	42	41	- .3	SSE	4	0	4	46	40	-		
Brest	30.22	46	NNE	1	6	29.86	- .30	46	44	0	S	7	0	5	52	43	0.28		
Lorient	30.15	47	NNE	5	60	29.88	- .18	45	42	- .1	S	5	0	3	50	39	0.12		
†Rochefort	30.15	47	N	8	60	30.07	- .00	38	37	- .10	SE	5	0	2	54	34	-		
Biarritz	30.17	49	N	5	C	30.04		45	43		SSE	4	0	3	54	39	0.08		
Corunna	*	*	*	*	*									*	*	*			
Brussels	*	*	*	*	*									*	*	*			
Charleville	30.01	34	NE	7	6	29.99	+ .24	29	28	- .7	NNW	5	0	*	?	28	-		
Paris	30.04	39	N	4	60	30.03	+ .15	35	34	- .4	NE	4	0	*	*	*			
Lyons	29.94	36	SW	5	0	30.00	+ .11	32	30	- .7	NNW	1	0	*	40	30	0.24		
Toulon	29.83	41	NW	4	6	29.78	- .07	36	35	- .3	NNW	7	0	6	48	35	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.89	31	Z	0	6	29.70	- .19	27	26	- .9	SE	2	6	*	37	23	-		

HIGH LEVEL STATION.

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

Hawes Junction	28.89	31	Z	0	6	28.70	27	26	9	SE	2	6	37	23	-			
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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	30.08	37	33	SE	2	0	4	Valencia	30.13	44	43	SE	5	bcg	5
Sumburgh Head	30.15	35	32	NNE	4	60	3	Scilly	30.20	45	43	NW	2	bc	5
Stornoway	30.17	38	34	ESE	4	C	3	Dover	30.05	41	40	NE	4	bcgyp	3
Aberdeen	30.17	38	36	NNW	3	6	3	London	30.11	44	41	N	3	bc	*
Shields	40.15	41	39	N	2	60	2	Yarmouth	30.06	43	41	N	3	bc	4
Ardrossan	30.18	38	37	ENE	1	C	1	Jersey	30.12	45	43	NNE	3	0	3
Mullaghmore	30.14	41	38	SE	2	ogm	4	Rochefort	30.02	49	45	N	8	bc	4
Holyhead	30.16	45	45	E	3	6	2								

The barometer continues to rise in the SE., but has begun to fall quickly on our extreme W. coasts. Light N^W breezes still prevail in the E. and S., but SE^W winds have set in in the N. and NW. Fair weather is reported at all our stations.

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, 2ND DECEMBER

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on SATURDAY 2nd DECEMBER 1882

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 6 to 8; — force 4 to 6;
 — force 2 to 4; — force 1 to 2.

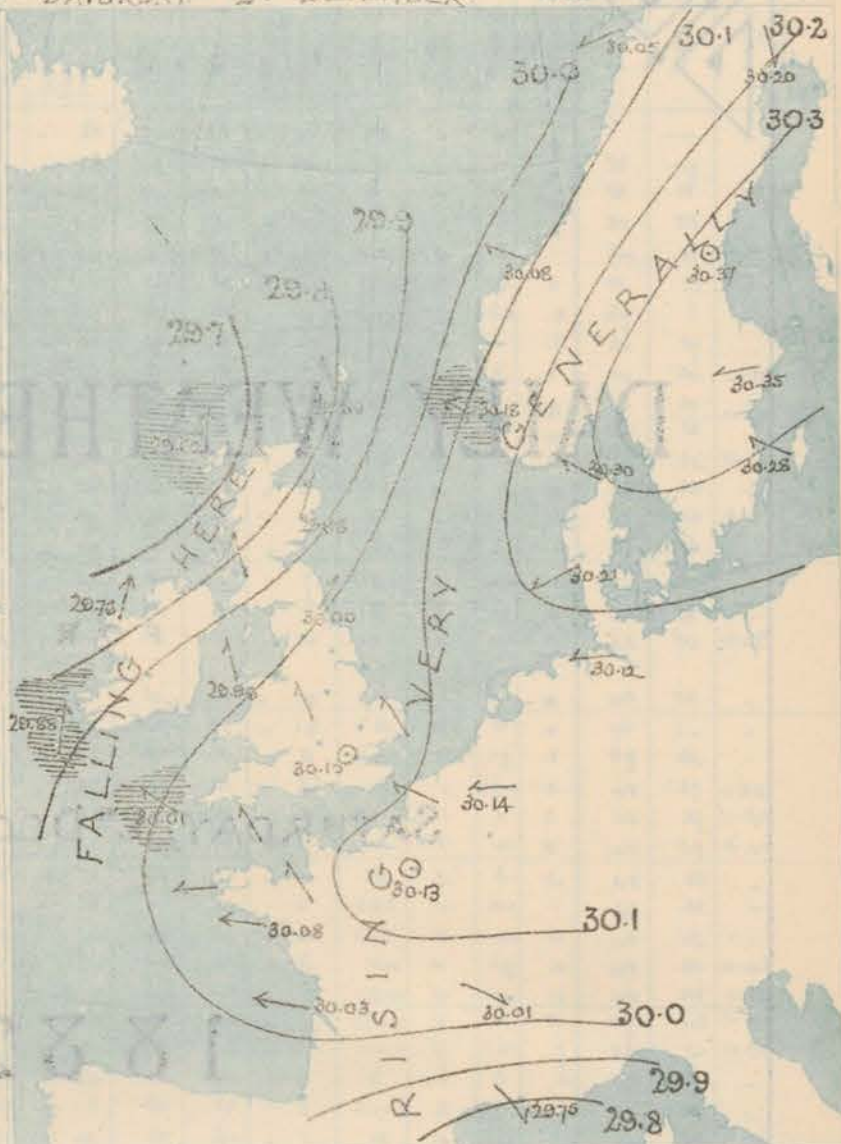
Sea Disturbance, when considerable, is shown by shading round the coast, thus: — Rough, — High.

MEAN* HEIGHT of the BAROMETER

for the month of December.

Stations.	Mean Readings Jan.
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrrossan	29.867
Greenock	29.797
Holyhead	29.837
Valencia	29.866
Rock's Pt.	29.857
Plymouth	29.832
LONDON	29.816
Yarmouth	29.881

* These means are for the 10 years 1866-76. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

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

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

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

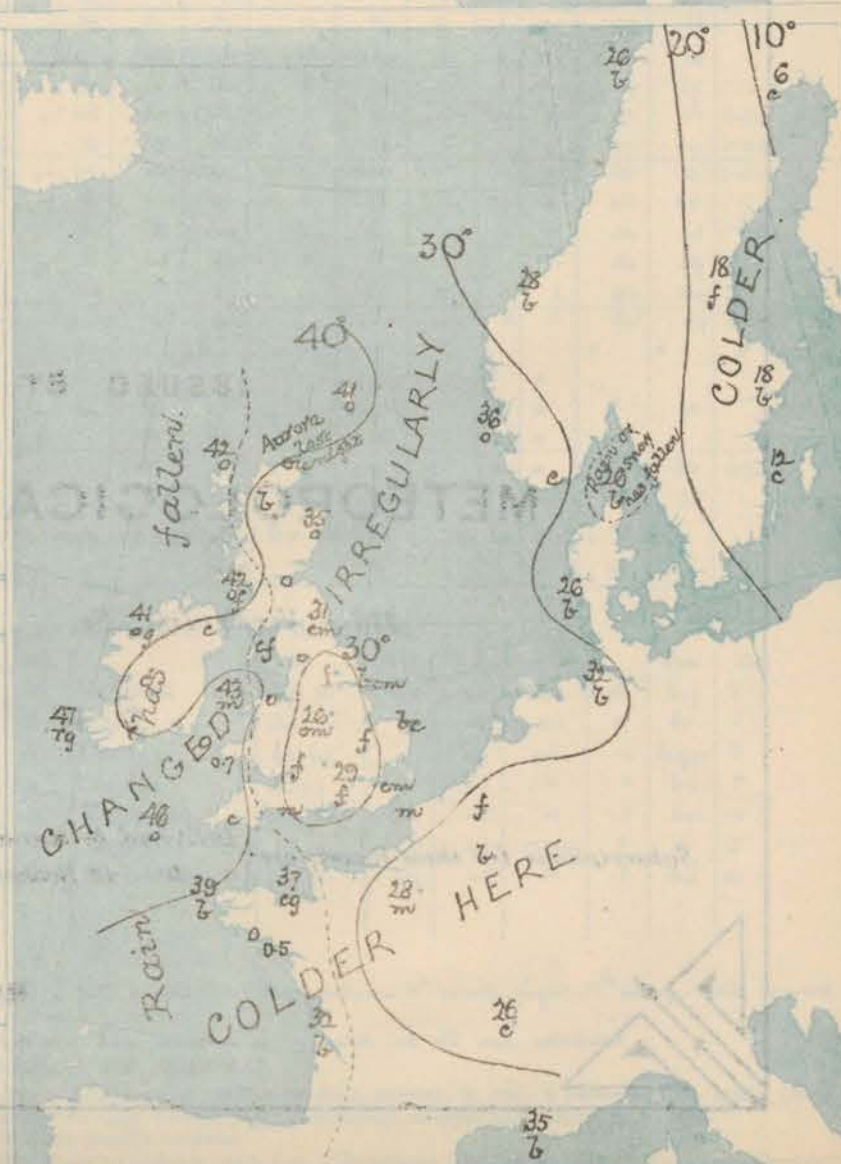
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of December.

Stations	Temp.	Rain-fall
Samburgh Head	41.2	3.32
Stornoway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.9	2.67
Millingtonmore	42.0	7
Holyhead	43.4	4.07
Portsmouth	42.6	3.08
Valencia	43.6	6.22
Sally (St Mary's)	45.7	4.02
Thurst Castle	43.2	7
Dover	41.0	3.34
LONDON	41.0	2.19
Yarmouth	40.3	3.42

* The mean temperatures are those for the 10 years 1857-66, the mean amounts of Rain are those for the 10 years 1866-75.



REMARKS

for SATURDAY 27th DEC. 1882 at 8 a.m.

The small depression which lay near Scilly yesterday has entirely disappeared, and the barometer is now rising at all the English and Continental stations. In Ireland and Scotland however, a brisk fall has set in, and a new series of depressions is apparently approaching from the Atlantic. E^t and SE^t winds are reported from the S. of England and the Continent, but on our western and southern coasts increasing S^{ly} breezes are prevailing. Mist and fog still hold over Central and South-eastern England, but in other localities the weather is generally cloudy, with rain at Valencia. Rain fell yesterday at some of ^{our} W and N stations. Aurora was seen at Wick last night. Temperature has changed irregularly, and is still very low over Central England; readings range from 47° at Valencia to 24° at Oxford. At Loughborough and Cambridge the thermometer yesterday did not rise above 31°; in London it only reached 35°.

The sea is rough at Stornoway, Valencia and Scilly, moderate or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

3rd DECEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^{ly} winds, strong, perhaps a gale; cloudy, some rain.
2 SCOTLAND EAST	S ^{ly} winds, increasing; fair to cloudy and rainy.
3 ENGLAND N.E.	SW ^{ly} and S ^{ly} winds, moderate; cloudy, some rain.
4 ENGLAND EAST	Same as No 5
5 MIDLAND COUNTIES	Same as No 5.
6 ENGLAND SOUTH	SE ^{ly} and S ^{ly} winds, light or moderate; fog clearing, and weather then somewhat cloudy.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as No 1.
7 ENGLAND N.W.	S ^{ly} winds, moderate to fresh; cloudy some rain.
8 ENGLAND S.W.	SE ^{ly} to S ^{ly} winds, moderate to fresh; cloudy.
9 IRELAND NORTH	S ^{ly} winds, strong, perhaps a gale; unsettled, some rain.
10 IRELAND SOUTH	D° - - - - D° - - - - D°
WARNINGS	The S. cone has been hoisted this morning in districts 0.1.6.9 and 10

METEOROLOGICAL OBSERVATIONS FOR

2^d 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.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).		Max.	Min.			
Haparanda	30.03	1	N	2	b	30.20	+ 34	6	6	- 18	N	2	c	25	1	-		
Hernösand	30.24	20	SE	2	b	30.37	+ 20	18	16	- 1	Z	0	f	30	12	-		
Stockholm	30.36	21	N	2	b	30.35	+ 08	18	17	- 8	E	2	b	30	16	-		
Wisby	30.25	21	SE	4	o	30.23	+ 04	22	20	- 1	ESE	4	c	30	19	-		
Bodö	29.97	27	E	2	bc	30.05	+ 21	26	24	- 8	ESE	4	b	34	25	-		
Christiansund	30.13	25	ESE	4	o	30.08	- 06	28	25	+ 2	ESE	3	b	?	19	-		
†Skudesnaes	30.12	23	E	4	bc	30.15	+ 16	36	32	+ 4	ESE	8	o	?	?	-		
Oxö (Xiansund)	30.12	28	NNE	4	o	30.25	+ 20	33	32	+ 6	E	6	c	?	?	-		
Skagen (The Skaw)	30.20	32	ESE	4	b	30.30	+ 27	26	24	- 7	ESE	3	b	36	25	0.12		
Fanö	30.08	30	E	3	b	30.21	+ 22	26	25	- 6	ESE	2	b	32	?	-		
Cuxhaven	29.96	32	ESE	2	bc	30.12	+ 18	32	30	+ 2	E	3	b	32	28	-		
†Samburgh Head	29.98	36	SE	2	o	29.80	- 22	41	36	+ 5	ESE	4	o	41	34	-		
†Stornoway	29.83	41	S	6	d	29.64	- 23	42	41	+ 1	S	7	o	42	37	0.03		
Wick	29.95	40	S	4	c	29.65	- 31	40	37	+ 2	SSW	4	cm	40	37	-		
Nairn	29.93	32	Z	0	bc	29.78	- 16	35	34	+ 5	Z	0	b	35	29	-		
†Aberdeen	29.97	34	Z	0	bc	29.88	- 11	35	33	+ 5	SSW	2	o	35	29	0.09		
Leith	29.86	32	Z	0	f	29.90	- 06	34	32	- 2	S	1	o	39	26	-		
†Shields	29.97	37	NNW	1	m	30.00	+ 01	31	30	- 1	SW	3	cm	39	28	-		
Spurn Head	29.93	38	WNW	2	o	30.06	+ 08	35	35	- 2	ESE	1	bc	39	32	0.07		
York	29.96	29	N	1	f	30.06	+ 05	27	27	0	S	1	f	34	26	-		
Loughborough	29.97	18	Z	0	f	30.08	+ 08	26	26	+ 1	SE	2	cm	31	25	-		
†Ardrossan	29.95	36	ESE	1	of	29.85	- 08	42	42	+ 6	SE	4	of	42	34	0.01		
†Mullaghmore	29.92	43	NNW	4	bc	29.76	- 08	41	39	- 1	S	5	og	45	39	0.10		
Donaghadee	29.93	39	SE	2	h	29.88	- 00	36	36	- 4	S	2	c	43	34	0.41		
Parsonstown	29.97	33	Z	0	b	29.90	+ 01	33	32	- 6	S	1	c	44	28	-		
Barrow-in-Furness	29.92	36	NE	2	b	29.96	+ 01	35	34	+ 1	ESE	4	cf	38	31	-		
†Holyhead	29.91	40	Z	0	m	29.96	+ 09	43	43	+ 3	SE	3	m	43	39	0.09		
Liverpool (Biston)	29.93	36	SE	2	o	29.99	+ 05	34	34	+ 2	SE	3	o	36	32	-		
†Valencia	30.02	48	NW	3	b	29.88	- 08	47	45	+ 2	S	6	rg	50	34	0.06		
Roche's Point	29.93	42	NNW	4	b	29.96	+ 10	40	39	- 5	SW	2	c	48	35	-		
Pembroke	29.86	40	ESE	1	h	30.00	+ 19	45	42	+ 2	S	3	o	45	40	0.66		
†Silly	29.72	46	NNW	10	om	30.01	+ 30	46	45	- 2	ESE	2	o	48	44	0.04		
Prawle Point	29.77	44	ESE	7	h	30.07	+ 18	43	39	- 1	SE	3	c	45	40	0.08		
Hurst Castle	29.83	42	S	3	c	30.08	+ 13	29	29	- 10	ESE	2	m	45	28	-		
†Dover	29.93	33	N	3	bc	30.09	+ 10	37	36	+ 2	SE	4	cm	37	31	-		
†London	29.96	31	Z	0	f	30.10	+ 09	29	29	- 2	SE	1	f	35	28	-		
Oxford	29.97	29	NE	1	cf	30.12	+ 13	24	24	- 2	Z	0	f	33	24	-		
Cambridge	29.96	30	Z	0	f	30.11	+ 11	28	27	- 2	Z	0	f	31	25	-		
†Yarmouth	29.93	37	WSW	1	cf	30.09	+ 12	37	36	+ 2	SE	4	bc	37	31	0.15		
The Helder																		
Cape Gris Nez	29.91	39	E	1	o	30.08	+ 13	34	33	- 2	ESE	3	m	43	34	-		
†Jersey	29.85	39	ESE	4	h	30.08	+ 15	37	36	- 5	SE	3	cg	43	36	0.10		
Brest	29.83	46	NNW	5	h	30.07	+ 21	39	38	- 7	E	4	o	50	37	0.04		
Lorient	29.85	40	NE	5	h	30.08	+ 20	36	34	- 9	ESE	5	o	48	34	0.47		
†Rocheport	29.87	37	SE	7	h	30.03	- 04	32	32	- 6	E	7	b	43	28	0.24		
Biarritz																		
Corunna																		
Brussels						30.14	+ 13	27	27	- 2	E	1	f	33	27	-		
Charleville	29.95	29	NW	4	o	30.06	+ 07	26	26	- 3	NE	4	b	36	24	-		
Paris	29.96	33	NNE	3	m	30.13	+ 10	28	27	- 7	Z	0	m			-		
Lyons	29.95	30	NW	1	b	30.01	+ 01	26	25	- 6	NW	4	o	33	26	-		
Toulon	29.70	39	NNW	5	b	29.75	- 03	35	33	- 1	NW	1	b	45	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.60	25	NE	1	f	28.43	+ 03	24	23	- 3	SSW	1	o	30	20	-		

HIGH LEVEL STATION.

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

Hawes Junction	28.69	25	NE	1	f	28.70	+ 03	24	23	- 3	SSW	1	30	20	-
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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 ...	30.02	34	31	E	2	c	3	Valencia ...	29.97	46	44	NNW	3	eqp	4
Samburgh Head	29.98	37	33	E	3	o	3	Scilly ...	29.70	47	46	NNW	9	o	7
Stornoway ...	29.86	43	39	S	5	o	4	Dover ..	29.92	35	34	N	3	bcf	1
Aberdeen ...	29.95	34	32	Z	0	om	2	London ...	29.93	35	34	Z	0	f	*
Shields ...	29.93	37	35	NNW	2	m	3	Yarmouth ...	29.94	37	36	WSW	1	cm	3
Ardrossan ...	29.92	38	37	ESE	2	o	1	Jersey ...	29.86	40	40	ESE	4	o	4
Mullaghmore ...	29.87	44	42	NE	3	ogm	3	Rocheport ...	29.86	40	39	SE	7	h	2
Holyhead ...	29.87	42	42	S	2	d	1								

The barometer is rising slowly at the Irish stations, falling elsewhere - quickly at Rocheport. The wind at Silly has veered to NNW and still blows a strong gale, but on our E. coasts variable winds are still reported. Foggy weather continues in the SE. and rain at many of our W. stations.

EXPLANATION OF COLUMNS.

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

DAILY WEATHER REPORT

FOR

SUNDAY 3RD DECEMBER.

1882

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 11^s

ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on

SUNDAY 3rd DEC^r

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 5 to 10;
 — forces 3 to 5; — forces 1 to 3;
 ○ = dead calm.

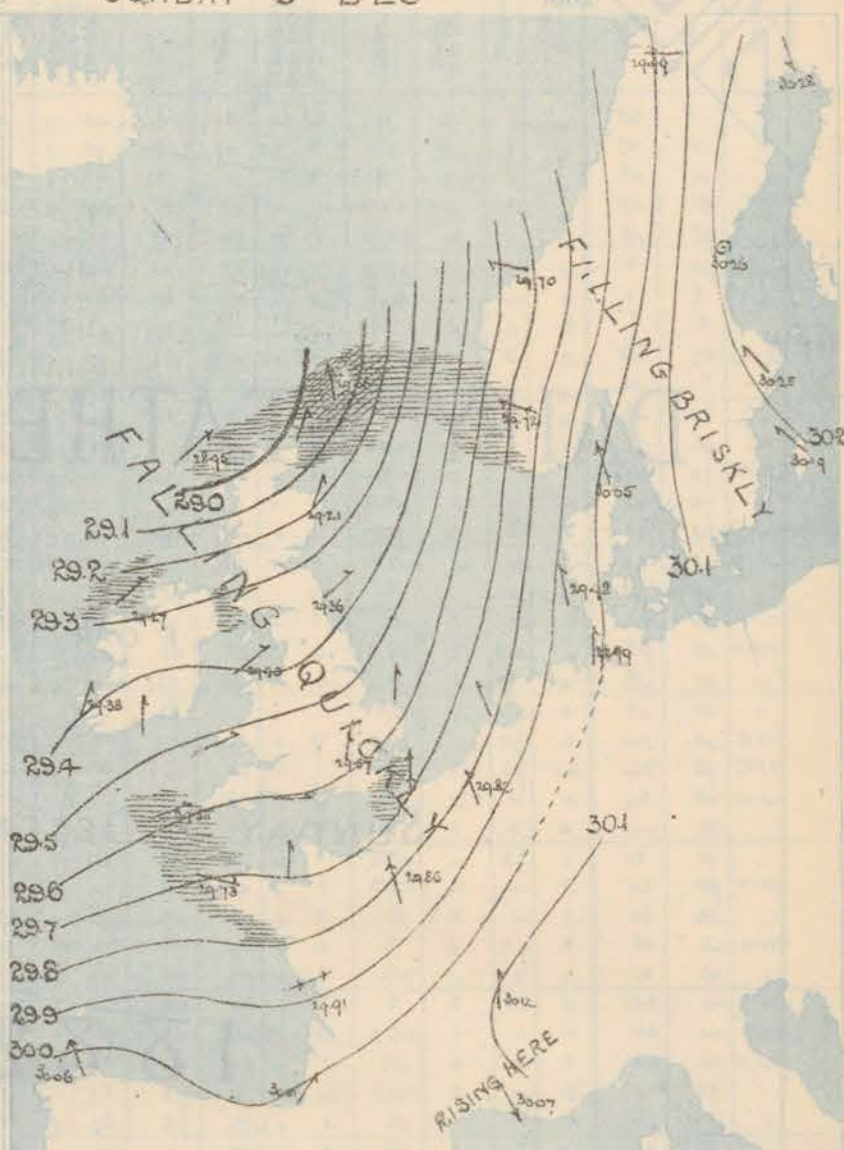
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough, — High.

MEAN* HEIGHT of the BAROMETER

for the month of December.

Stations	Mean Readings
Nairn	29 724
Aberdeen	29 740
Leith	29 782
Scarborough	29 837
Ardrossan	29 809
Greenacres	29 791
Holyhead	29 637
Valencia	29 866
Roche's Pt	29 837
Plymouth	29 902
LONDON	29 916
Farmouth	29 881

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

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

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

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

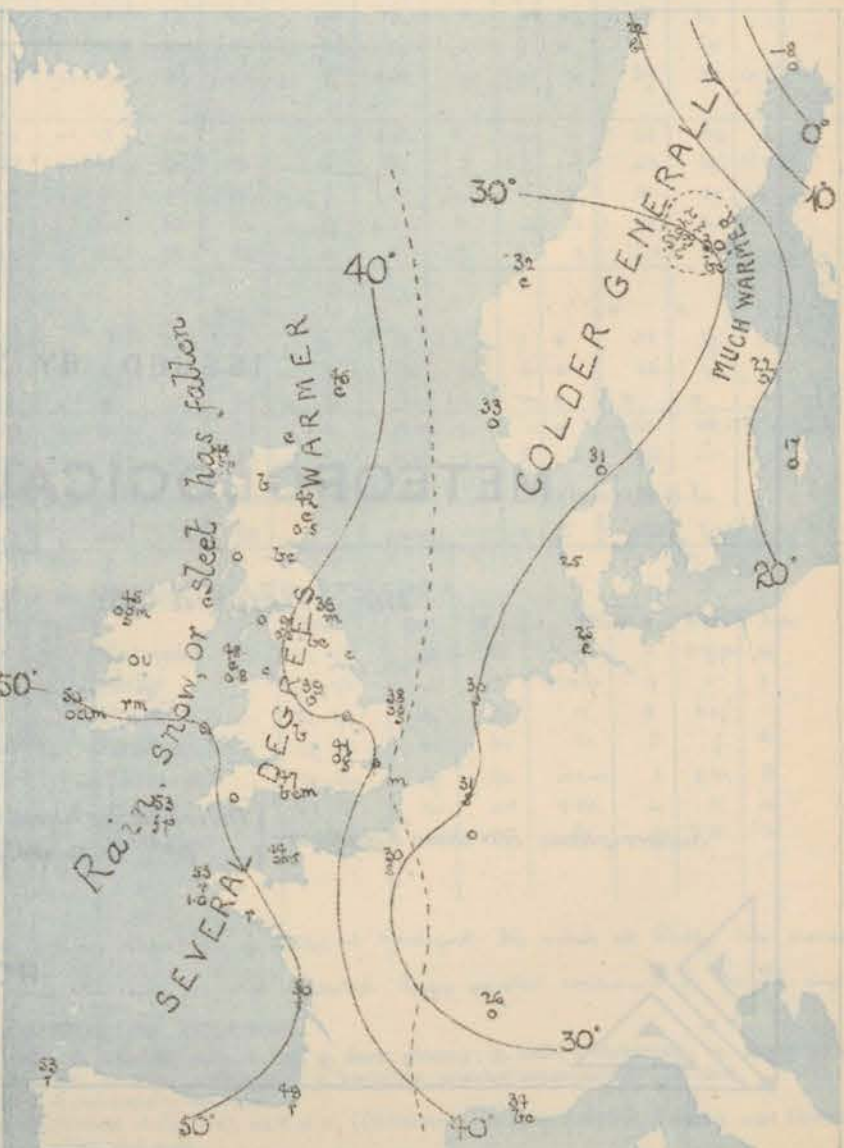
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of December

Stations	Temp.	Rain-Fall
Sunderland Head	41.2	3.32
Stornoway	41.5	6.00
Aberdeen	39.5	2.86
Shields	39.7	2.79
York	39.9	2.67
Mullaghmore	42.0	7
Holyhead	43.4	4.07
Parsloestown	42.6	3.08
Valencia	43.6	6.22
Sally (St Mary's)	46.7	4.02
Hurst Castle	43.2	7
Dover	41.6	3.54
LONDON	41.0	2.19
Farmouth	40.3	3.42

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



REMARKS

for Sunday 3rd Dec^r 1882 at 8 a.m.

In the course of the past twenty four hours a rather deep depression has passed along our W. and NW. coasts, occasioning a fresh or strong gale from S. and SW at many of the W. and N. stations. The centre of the disturbance now lies off the NW. of Scotland, but the barometer is falling generally, and shallow subsidiary depressions are apparently passing across our S. districts. SW. and S. winds are reported from all parts of our islands, but on the E. shores of the North Sea SE. breezes are general. In force they are moderate or fresh in most places. The sky is cloudy or overcast generally, with rain on our SW. coasts and also over the N. of France and snow at Paris. In the course of the past 24 hours rain has fallen generally. Temperature has risen several degrees, and at present ranges from 53° at Scilly to 36° at Shields and York.

Sea is high at Seaburn Head, rough on many other exposed parts of our coast.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

2 SCOTLAND
EAST

3 ENGLAND
N.E.

4 ENGLAND
EAST

5 MIDLAND
COUNTIES

6 ENGLAND
SOUTH

6 SCOTLAND
WEST

7 ENGLAND
N.W.

8 ENGLAND
S.W.

9 IRELAND
NORTH

10 IRELAND
SOUTH

WARNINGS

The S. cone was hoisted yesterday in all districts excepting 7 and 4, and is still up

METEOROLOGICAL OBSERVATIONS FOR 3RD DEC.

1882

† YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sun. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.25	9	N	2	b	30.28	+ .08	-8	-8	-	14	N	2	0	*	9	?	-	
Hernösand	30.20	19	NE	2	s	30.26	- .09	30	28	+	12	Z	0	bc	*	?	14	0.08	
Stockholm	30.23	20	Z	0	o	30.25	- .10	22	21	+	4	SE	2	0	*	?	12	-	
Wisby	30.26	22	E	4	o	30.19	- .09	17	16	-	5	SE	2	0	*	27	?	-	
Bodö	30.06	22	E	2	b	29.99	- .06	22	20	-	14	E	6	b	4	?	19	-	
Christiansund	29.90	30	SE	6	bc	29.70	- .38	32	28	+	4	ESE	4	c	3	32	23	-	
†Skudesnaes	29.99	32	SE	9	bc	29.72	- .43	33	30	-	3	ESE	9	o	6	36	32	-	
Örö (Xiansund)	30.16	29	ESE	6	o	29.96	- .29	30	28	-	3	SE	6	o	4	?	28	-	
Skagen (The Skaw)	30.21	28	ESE	3	c	30.05	- .25	31	29	+	5	SSE	5	o	4	?	25	-	
Fanö	30.14	25	SE	4	b	29.98	- .23	25	24	-	1	SSE	4	bc	*	28	25	-	
Cuxhaven	30.14	?	ESE	3	b	29.99	- .10	25	25	-	7	S	3	c	*	?	21	-	
†Sumburgh Head	29.42	41	SSE	6	r	29.06	- .74	45	42	+	4	SSE	7	c	7	45	39	0.35	
†Stornoway	29.18	43	S	9	r	28.95	- .69	44	42	+	2	SN	5	bp	5	45	38	0.39	
Wick	29.34	41	S	7	o	29.06	- .59	44	42	+	4	SSH	4	c	5	44	36	0.10	
Nairn	29.30	41	SSH	6	c	29.08	- .70	43	40	+	8	SSH	2	bc	1	43	33	-	
†Aberdeen	29.49	39	S	7	r	29.21	- .67	42	40	+	7	SSH	3	c	4	42	34	0.53	
Leith	29.32	39	S	5	r	29.23	- .67	45	43	+	11	SN	5	bc	*	46	32	0.11	
†Shields	29.63	35	SN	6	o	29.36	- .64	36	35	+	5	SN	1	m	2	36	31	0.01	
Spurn Head	29.86	35	S	6	o	29.47	- .59	38	38	+	3	S	5	c	4	38	32	0.06	
York	29.85	33	S	1	s	29.43	- .63	36	35	+	9	SSE	1	bc	*	36	26	0.08	
Loughborough	29.90	32	ESE	2	s	29.50	- .58	39	38	+	13	S	1	o	*	39	26	0.18	
†Ardrossan	29.42	44	SSH	6	r	29.25	- .61	46	46	+	4	SSH	4	o	3	46	39	0.40	
†Mullaghmore	29.42	49	SSH	5	r	29.27	- .64	45	44	+	4	SN	4	ogm	5	47	38	0.27	
Donaghadee	29.49	42	SN	5	r	29.20	- .55	43	42	+	7	SN	2	c	0	43	35	0.20	
Parsonstown	29.57	46	WNW	3	bc	29.39	- .51	44	43	+	11	SN	1	ow	*	46	33	0.15	
Barrow-in-Furness	29.67	38	ESE	6	r	29.37	- .59	45	44	+	10	SN	4	c	4	46	34	0.21	
†Holyhead	29.66	45	SSH	7	r	29.40	- .56	48	48	+	5	SN	4	c	3	49	42	0.81	
Liverpool (Bidston)	29.73	36	SSE	4	r	29.43	- .56	43	42	+	9	S	2	c	2	44	34	0.13	
†Valencia	29.64	50	SSH	5	o	29.38	- .58	50	50	+	3	SSH	3	ond	4	52	45	0.30	
Roche's Point	29.66	42	W	4	bc	29.44	- .52	47	47	+	7	S	2	rm	4	5	39	0.32	
Pembroke	29.74	46	S	5	r	29.48	- .52	50	48	+	5	SSH	3	o	3	50	43	0.31	
†Scilly	29.55	46	SSH	5	r	29.55	- .46	53	53	+	7	SSH	4	pf	5	53	45	0.41	
Prawle Point	29.89	43	S	6	r	29.60	- .47	49	48	+	6	SN	4	o	4	49	42	0.14	
Hurst Castle	29.98	43	SSH	6	o	29.58	- .50	47	47	+	18	W	4	bc	3	49	29	0.22	
†Dover	30.05	38	SSH	4	c	29.64	- .45	40	39	+	3	SSH	7	o	5	40	35	0.03	
†London	29.97	36	SSE	1	og	29.57	- .53	41	41	+	12	SSH	3	og	*	42	29	0.04	
Oxford	29.89	34	S	2	s	29.54	- .58	41	41	+	17	S	4	b	*	42	24	0.07	
Cambridge	29.96	34	E	1	r	29.55	- .56	40	40	+	12	S	1	o	*	40	25	0.07	
†Yarmouth	30.02	37	S	5	c	29.59	- .50	38	37	+	1	S	4	og	4	38	34	0.23	
The Helder	30.10	28	SSH	1	b	29.79	- .36	30	28	-	0	SSE	3	o	2	32	27	-	
Cape Gris Nez	30.10	32	SSE	5	m	29.67	- .41	32	32	-	2	S	8	m	5	?	30	-	
†Jersey	30.06	37	S	4	o	29.65	- .43	44	44	+	7	S	4	omr	4	44	35	0.25	
Brest	29.99	47	SSE	5	o	29.73	- .34	53	53	+	14	WNW	4	r	5	?	?	0.95	
Lorient	30.08	42	S	5	f	29.75	- .33	53	53	+	17	WNW	5	r	5	?	?	0.32	
†Rochefort	30.16	33	ESE	5	b	29.91	- .12	50	49	+	18	SSH	8	r	3	?	?	0.32	
Biarritz	30.12	45	S	1	bc	30.01	-	49	46	-		SVI	4	r	3	52	41	0.04	
Corunna	*	*	*	*	*	30.06	-	53	51	-		SSE	5	r	3	55	46	-	
Brussels	*	*	*	*	*	29.82	- .32	31	29	+	4	SSE	2	s	*	31	27	-	
Charleville	30.14	24	NE	4	b	29.93	- .13	27	25	+	1	SSE	4	o	*	38	23	-	
Paris	30.16	33	SE	3	o	29.86	- .27	30	27	+	2	SSE	5	s	*	*	*	0.08	
Lyons	30.15	29	NN	3	r	30.12	+	11	26	-	0	S	1	o	*	32	23	-	
Toulon	29.92	33	NW	7	b	30.07	+	32	34	-	1	NN	7	bc	4	45	32	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.46	32	SSH	5	s	28.16	- .57	37	37	+	3	SSH	1	o	*	37	24	0.49	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...							Valencia ...	29.68	51	51	SN	7	ow	6
Sumburgh Head	29.57	41	38	S	5	5	Scilly ...	29.96	48	45	SSH	4	o	6
Stornoway ...	29.29	41	40	S	9	r	Dover ..	30.07	36	25	S	4	bc	2
Aberdeen ...	29.65	40	37	S	7	og	London ...	30.04	36	35	SSE	1	of	*
Shields ..	29.86	35	33	SN	3	m	Yarmouth ...	30.07	37	35	SSE	4	bc	4
Ardrossan ...	29.63	42	42	SSH	5	r	Jersey ...	30.06	37	36	SSE	3	o	3
Mullaghmore ...	29.44	43	41	SN	8	ogmp	Rochefort ...	30.04	38	36	E	7	b	2
Holyhead ...	29.77	45	45	SSH	6	rw								

The depression noticed in the fore W. this morning is moving steadily to the NE^W and S^W to SW^W gales of moderate strength have set in on the Irish Scotch coasts accompanied by dull rainy weather falling temperature. Over England the weather is in the whole still dull foggy temperature is low. 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

MONDAY, 4TH DECEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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D^s D^s Bookpost. 5^s 1^s

ROBERT H. SCOTT

(SECRETARY.)

Printed by T. & A. N. 21, Bedford St. (near Garden).

WEATHER CHARTS

for 8 a.m. on MONDAY 4th DECEMBER 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer Isobars are drawn for each tenth of an inch.

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

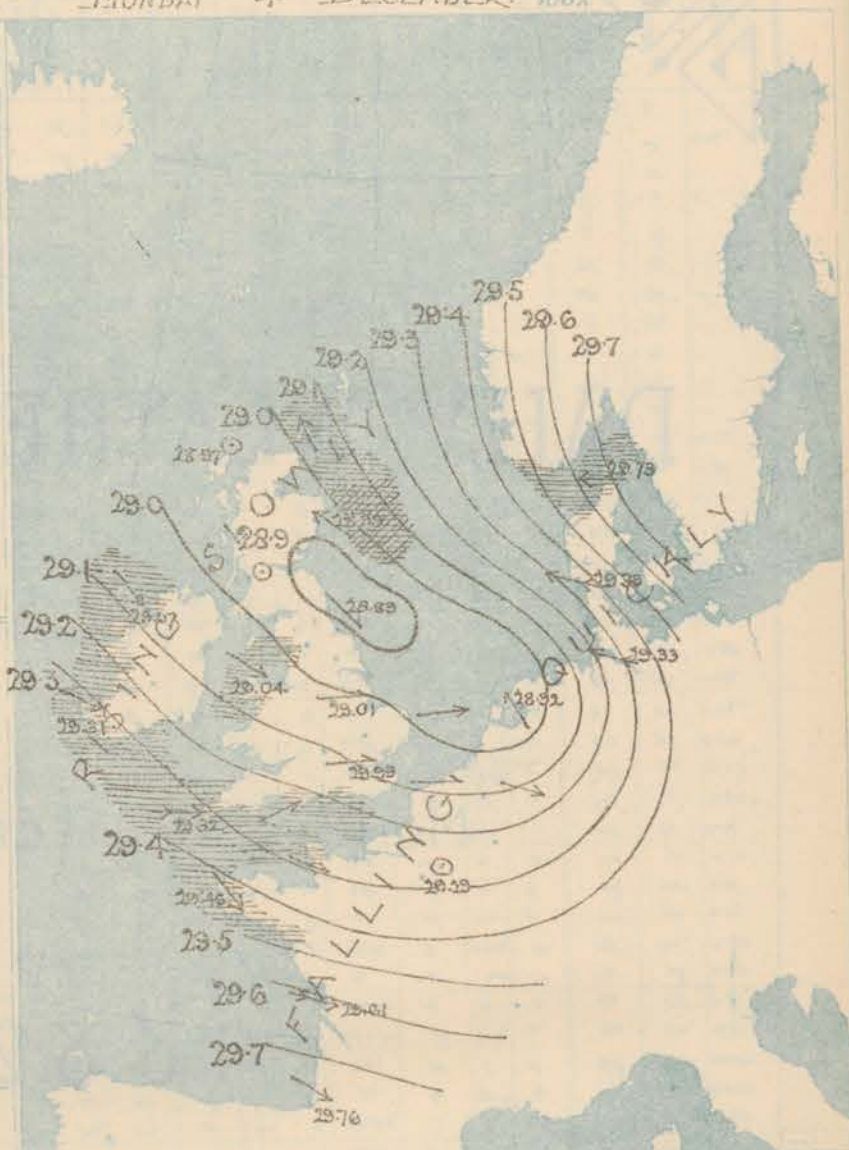
Wind Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 6 to 7; — forces 4 to 5;
 ○ dead calm.

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

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

Stations	Mean Readings in.
Nairn	29.729
Aberdeen	29.740
Leith	29.762
Scarborough	29.837
Ardrossan	29.804
Greenock	29.791
Holyhead	29.837
Valentia	29.866
Rock's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Wormouth	29.881

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



REMARKS

for Monday 4th DEC^r 1882 at 8 a.m.

The deep depression which had reached the NW. of Scotland yesterday morning travelled SE^{wd} in the course of last night, and now has its centre off the coast of Berwick. The barometer is consequently falling quickly in the E. and S. but is beginning to rise in the west and north. SE^{ly} winds, strong to a gale, are reported over the North Sea and NE. of Scotland, but on all our western and southern coasts the wind is W^{ly} or NW^{ly} and varies in strength from a fresh breeze at the majority of stations to a gale at Lelly. The weather is at present fine in the SE. of England, cloudy or overcast elsewhere, with snow at Ardrossan, hail at Valencia and rain at Barrow in Furness and Rock Point. In the course of yesterday rain fell generally. Temperature has risen a little in the SE. fallen elsewhere, and readings range from 47° at Lelly to 33° at Stromway.

Sea is rough on almost all our coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

5th DECEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

SE^{ly} winds, strong, perhaps a gale; cloudy, rain at times.

2 SCOTLAND EAST

W^{ly} and NW^{ly} winds, moderate to strong; unsettled, some showers.

3 ENGLAND N.E.

W^{ly} and NW^{ly} winds, moderate to strong; unsettled, some showers.

4 ENGLAND EAST

Same as No 5.

5 MIDLAND COUNTIES

Same as No 5.

6 ENGLAND SOUTH

W^{ly} to NW^{ly} winds, increasing in force, weather becoming cloudy with cold showers.

DISTRICTS

FORECASTS

7 SCOTLAND WEST

W^{ly} or NW^{ly} winds, moderate; unsettled, some showers.

8 ENGLAND N.W.

W^{ly} and NW^{ly} winds, fresh or strong; cloudy, some showers.

9 ENGLAND S.W.

W^{ly} winds, strong to a gale; cloudy, showery.

10 IRELAND NORTH

Same as No 7.

11 IRELAND SOUTH

Same as No 7.

WARNINGS

The S. cone is still up in districts Nos 3, 5, 7, and 8.

METEOROLOGICAL OBSERVATIONS FOR

4th 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																			
Hernösand																			
Stockholm																			
Wisby																			
Bodö																			
Christiansund																			
† Skudesnaes																			
Oxö (Xiansund)	29.82	20	ESE	8	0	29.62	- .20	30	28	0	E	8	0	5	30	27	-		
Skagen (The Skaw)	29.92	27	SE	5	6-c	29.73	- .19	26	24	- 5	E	6	0	5	?	25	0.04		
Fanö	29.68	18	SE	6	6	29.39	- .29	17	18	- 6	ESE	7	0	*	25	?	-		
Cuxhaven	29.72	?	SE	6	0	29.33	+ .66	20	20	- 5	ESE	8	5	*	?	19	-		
† Sumburgh Head																			
† Stornoway	28.89	39	SW	4	λ	28.97	+ .02	33	33	- 11	WSW	1	6	2	44	31	0.18		
Wick	28.90	44	S	5	λ	29.01	- .05	43	42	- 1	SE	5	0	6	45	36	0.12		
Nairn	28.94	41	W	0	6	28.99	- .09	38	34	- 8	W	0	0	1	44	34	-		
† Aberdeen	29.05	44	S	5	λ	28.99	- .22	40	39	- 2	ESE	7	λ	7	45	31	0.20		
Leith	29.05	44	S	1	0	28.85	- .38	39	37	- 6	NE	2	0	*	46	35	0.01		
† Shields	29.16	41	SSW	2	λ	28.89	- .47	36	36	0	NW	2	m	2	47	33	0.12		
Spurn Head	29.22	42	W	4	f	28.91	- .56	40	40	+ 2	WSW	4	cm	3	43	37	0.20		
York	29.24	41	S	1	m	28.92	- .51	40	39	+ 4	WSW	1	0	*	43	36	0.09		
Loughborough	29.19	45	SSW	1	λ	29.01	- .40	39	38	0	W	4	6-c	*	47	38	0.14		
† Ardrossan	29.05	44	WSW	3	6	28.96	- .28	35	35	- 11	W	0	λ	0	46	35	0.62		
† Mullaghmore	29.07	44	SW	2	0	29.07	- .20	43	41	- 2	NW	5	cm	5	47	41	0.36		
Donaghadee	29.10	39	SSW	2	6	29.00	- .33	38	37	- 5	WNW	4	0	2	43	34	0.22		
Parsonstown	29.17	43	SSW	1	6	29.18	- .21	37	35	- 7	SW	1	0	*	48	36	0.08		
Barrow-in-Furness	29.14	43	SE	4	λ	28.94	- .43	41	40	- 4	WNW	5	λ	5	46	40	0.21		
† Holyhead	29.14	49	W	0	λ	29.04	- .36	43	41	- 5	WNW	6	cm	5	49	47	0.21		
Liverpool (Bidston)	29.13	45	SSW	2	0	28.97	- .46	42	41	- 1	W	6	0	4	46	41	0.13		
† Valencia	29.24	46	W	6	0	29.31	- .07	41	40	- 9	WNW	5	0	5	54	38	0.28		
Roche's Point	29.25	46	W	5	λ	29.24	- .20	40	39	- 7	WNW	5	0	4	50	37	0.18		
Pembroke	29.14	51	WSW	4	λ	29.14	- .34	44	42	- 6	WNW	4	0	4	51	43	0.24		
† Scilly	29.33	53	WSW	7	λ	29.32	- .23	47	43	- 6	W	8	cm	6	54	43	0.48		
Prawle Point	29.30	51	SW	6	6	29.25	- .35	43	41	- 6	WSW	6	0	6	52	41	0.04		
Hurst Castle	29.28	50	WSW	5	m	29.18	- .40	44	42	- 3	WNW	6	6-c	5	51	43	0.20		
† Dover	29.37	45	SW	6	0	29.08	- .56	43	42	+ 3	W	4	6	3	49	39	0.24		
† London	29.26	48	S	3	0	29.09	- .48	41	39	0	W	3	6-c	*	51	41	0.04		
Oxford	29.14	50	SSW	2	0	29.09	- .45	40	38	- 1	WSW	3	6	*	51	40	0.11		
Cambridge	29.21	47	NW	1	λ	29.03	- .52	40	39	0	W	1	6-c	*	51	38	0.10		
† Yarmouth	29.34	42	S	4	0	28.95	- .64	41	40	+ 3	W	5	0	3	43	36	0.57		
The Helder	29.45	31	SE	3	S	28.92	+ .13	34	32	+ 4	SE	3	λ	2	34	28	0.32		
Cape Gris Nez																			
† Jersey	29.31	52	WSW	6	λ	29.29	- .36	46	44	+ 2	W	7	cm	5	52	44	0.75		
Brest	29.52	?	WNW	7	?	29.46	- .27	47	44	- 6	NW	7	0	5	54	45	0.32		
Lorient	29.56	?	W	8	λ	29.49	- .26	48	44	- 5	NW	7	6-c	5	54	45	0.87		
† Rochefort	29.77	55	WNW	8	λ	29.61	- .22	52	50	+ 2	WNW	8	0	4	57	45	1.58		
Biarritz	29.95	52	WSW	5	0	29.76	- .25	56	52	+ 6	WNW	5	0	4	?	45	0.08		
Corunna	*	*	*	*	*									*	*	*	*		
Brussels	*	*	*	*	*									*	*	*	*		
Charleville	29.61	31	S	5	0	29.17	- .76	40	39	+ 13	SW	1	0	*	?	24	0.47		
Paris	?	37	SE	4	0	29.19	- .57	48	45	+ 18	W	0	0	*	*	*	0.43		
Lyons	29.91	33	S	3	S	?	?	42	40	+ 16	SE	7	0	*	?	?	0.16		
Toulon																			

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

Hawes Junction	27.93	39	SSW	2	λ	27.70	- .46	35	35	- 2	W	2	6	*	39	35	0.38
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnes	29.67	32	30	SE	9	0	6	Valencia			
Sumburgh Head								Scilly			
Stornoway								Dover			
Aberdeen								London			*
Shields								Yarmouth			
Ardrossan								Jersey			
Mullaghmore								Rochefort	29.73	55	55
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).

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DAILY WEATHER REPORT

FOR

TUESDAY, 5TH DECEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Tuesday 5th DECEMBER, 1882

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.

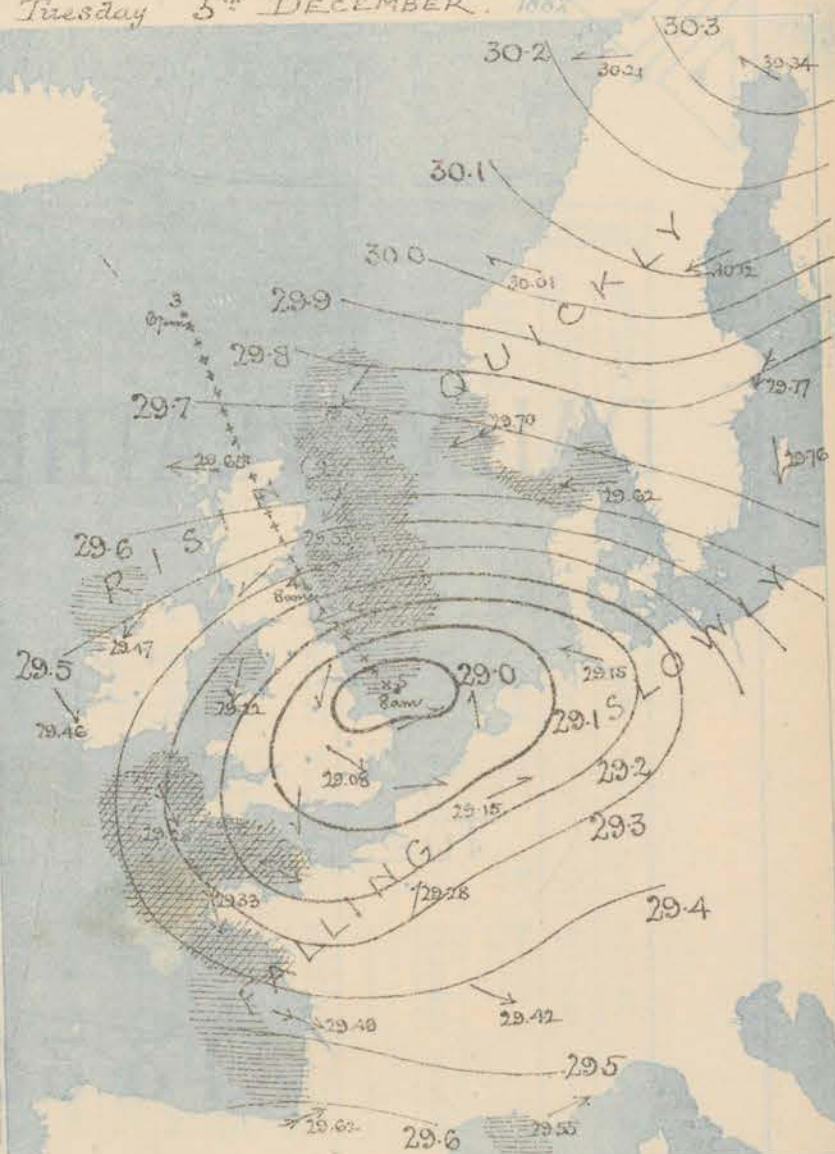
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ○ = dead calm.

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

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

Stations	Mean Readings Ina
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.809
Greenock	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Farmouth	29.881

* These means are for the 10 years 1866-76. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

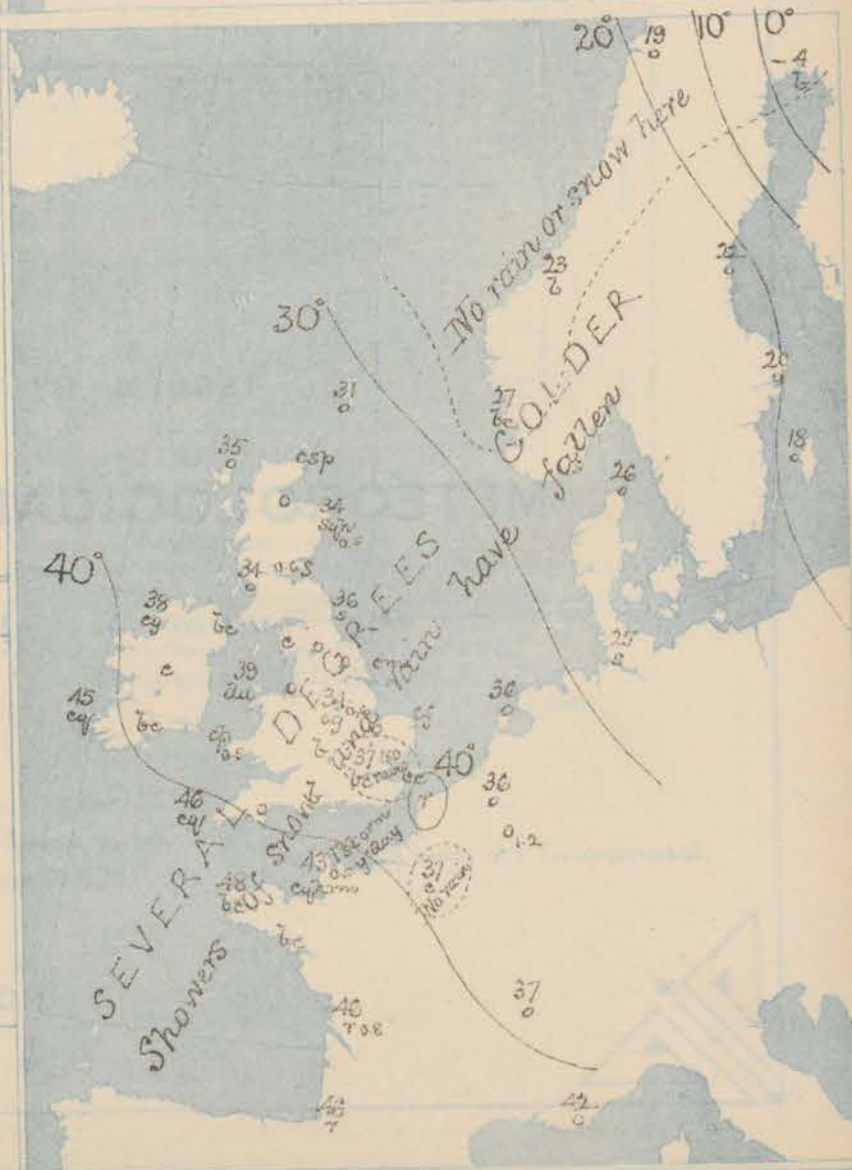
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words. Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

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

Stations	Temp	Rain-fall
Sumburgh Head	41.2	3.52
Stornoway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.8	2.67
Mullaghmore	42.0	1
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valencia	43.8	6.22
Sally (St Mary's)	46.7	4.02
Hurst Castle	43.2	?
Dover	41.0	3.54
LONDON	41.0	2.19
Farmouth	40.3	3.32

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



REMARKS

for Tuesday 5th DEC. 1882 at 8 a.m.

In the course of the past 24 hours the small depression which lay off the coast of Berniceholm yesterday morning has travelled very slowly in a SEth direction and is now found near the mouth of the Wash. A steady recovery of pressure is in progress on all our W and N coasts, but in the S. and over France the barometer is falling somewhat. Strong winds or gales from E. or NE. are reported from the N district and NWth gales at the mouth of the Channel, but in the SE. of England light or moderate Wth breezes prevail. A rather severe gale blew in the E. of Scotland last night. The weather continues fair in the SE., but is cloudy and very unsettled elsewhere, with snow-showers in the E. of Scotland and NE. of England, and hail showers at Jersey. Thunder and lightning occurred at Jersey last evening. Temperature has fallen several degrees on all our coasts, and ranges from 46° at Scilly to 31° at Sumburgh Head and Cairn. A slight frost occurred in many districts last night.

The sea is very high on our NE coasts and high in W part of the Channel.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

6th DECEMBER.

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	E th and NE th strong winds and gales; cloudy and unsettled, with frequent snow showers.
1	SCOTLAND EAST	--- D° --- D° --- D° ---
2	ENGLAND N.E.	--- D° --- D° --- D° ---
3	ENGLAND EAST	Variable breezes, finally E th ; cloudy, some cold showers.
4	MIDLAND COUNTIES	Same as No 5
5	ENGLAND SOUTH	Wind falling light and afterwards shifting to E or NE., cloudy, unsettled, some cold showers.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	E th or NE th winds, fresh; cloudy, some showers.
7	ENGLAND N.W.	NE th or N th strong winds or gales; cloudy, sleet showers.
8	ENGLAND S.W.	NW th to N th strong winds and gales, cloudy, cold showers.
9	IRELAND NORTH	Same as No 7.
10	IRELAND SOUTH	N th winds, moderate or fresh; fair on the whole.
WARNINGS		The S cone was hoisted last evening in districts 0, 1, 8, 10 and parts of 5, 7, and 9, and the N cone has been hoisted this morning in 2 and the remainder of 7 & 9.

METEOROLOGICAL OBSERVATIONS FOR

5TH 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 ...	20.33	6	SE	1	0	20.34	+ .01	- 4	- 4	- 14	SE	2	0	*	10	?	-		
Hernösand ...	30.21	23	SE	0	0	30.12	- .07	22	19	- 3	ENE	6	0	*	27	10	0.04		
Stockholm ...	29.91	23	E	9	0	29.77	- .20	20	18	- 4	NE	8	0	*	25	?	0.04		
Wisby ...	29.76	22	E	6	0	29.76	- .19	18	?	- 3	NNE	5	0	*	?	?	-		
Bodö ...	30.15	20	E	2	0	30.21	+ .22	19	17	- 1	E	2	0	*	21	16	-		
Christiansund ...	29.79	26	SSE	5	6	30.01	+ .41	23	21	- 3	ESE	4	6	3	27	19	-		
† Skudesnaes ...	29.60	27	ESE	8	6	29.70	+ .20	27	23	- 3	ENE	7	6	5	30	27	-		
Oxö (Xiansund) ...	29.55	28	E	9	0	29.58	- .04	27	27	- 3	NE	9	5	7	32	25	-		
Skagen (The Skaw) ...	29.63	22	E	6	0	29.62	- .11	26	24	0	E	6	0	5	28	?	-		
Fanö ...														*					
Cuxhaven ...	29.12	23	ESE	4	5	29.15	- .18	25	25	+ 5	ESE	5	5	*	?	19	-		
† Sumburgh Head ...	29.43	25	SSE	8	0	29.70	+ .55	31	29	- 5	NE	5	0	6	37	27	0.09		
† Stornoway ...	29.19	40	SE	5	0	29.65	+ .68	35	32	+ 2	E	5	0	4	40	30	0.02		
Wick ...	29.29	27	ESE	9	0	29.68	+ .67	32	30	- 11	ENE	6	0	7	43	32	0.20		
Nairn ...	29.22	33	ENE	3	0	29.59	+ .60	31	31	- 4	ENE	4	0	4	36	30	0.07		
† Aberdeen ...	29.21	34	ESE	9	2	29.53	+ .54	34	32	- 6	NE	8	0	8	41	31	0.50		
Leith ...	29.11	35	SE	4	2	29.36	+ .51	33	32	- 6	SE	9	5	*	40	31	0.56		
† Shields ...	28.96	38	ENE	4	2	29.24	+ .35	36	35	0	ENE	8	5	4	41	34	0.36		
Spurn Head ...	28.88	40	W	4	0	28.97	+ .06	38	37	- 2	ESE	1	0	5	42	35	-		
York ...	28.92	39	W	2	2	29.08	+ .16	38	37	- 2	NNE	4	0	*	44	33	0.07		
Loughborough ...	29.02	39	WNW	4	2	29.02	+ .01	34	33	- 5	WNW	3	0	*	45	33	0.56		
† Ardrossan ...	29.09	36	ENE	2	2	29.45	+ .49	34	33	- 1	NE	3	0	2	39	32	0.28		
† Mullaghmore ...	29.11	41	WNW	4	2	29.47	+ .40	38	36	- 5	NE	5	0	4	44	36	0.13		
Donaghadee ...	29.08	39	NW	4	2	29.39	+ .39	39	36	+ 1	NE	7	0	5	42	37	0.25		
† Parsonstown ...	29.21	40	SSW	1	0	29.43	+ .25	34	32	- 3	NW	2	0	*	41	34	0.08		
Barrow-in-Furness ...	29.48	37	SW	4	0	29.18	+ .24	36	34	- 5	NW	3	0	4	42	33	0.25		
† Holyhead ...	29.06	44	WNW	7	0	29.22	+ .18	39	38	- 4	NNE	7	0	6	45	37	0.05		
Liverpool (Bishopscroft) ...	28.98	39	WNW	6	2	29.16	+ .19	37	35	- 5	WNW	4	0	4	44	36	0.37		
† Valencia ...	29.34	46	WNW	5	0	29.46	+ .15	45	44	+ 4	NW	4	0	4	49	39	0.26		
Roche's Point ...	29.49	42	NW	4	0	29.39	+ .15	38	36	- 2	N	4	0	4	45	36	0.16		
Pembroke ...	29.23	45	WNW	5	0	29.20	+ .06	38	36	- 6	WNW	4	0	5	46	35	0.51		
† Scilly ...	29.31	45	WNW	8	0	29.28	- .04	46	44	- 1	NW	8	0	7	48	42	0.14		
Prawle Point ...	29.27	45	WNW	4	0	29.11	- .14	38	37	- 5	WNW	4	0	4	45	37	0.18		
Hurst Castle ...	29.19	41	WNW	5	0	29.09	- .09	38	38	- 6	N	2	0	4	50	38	0.05		
† Dover ...	29.12	39	W	4	0	29.04	- .04	38	37	- 5	W	4	0	3	45	37	-		
† London ...	29.12	39	WNW	4	0	29.08	- .01	37	36	- 4	WNW	2	0	*	46	37	-		
Oxford ...	29.09	29	SE	5	0	29.07	- .02	34	32	- 6	WSW	3	0	*	46	34	0.01		
Cambridge ...	29.04	40	WSW	1	0	29.04	+ .01	34	33	- 6	WSW	1	0	*	46	32	0.07		
† Yarmouth ...	29.00	40	WSW	3	0	29.02	+ .07	35	35	- 6	WSW	1	0	4	43	34	0.04		
The Helder ...	29.01	42	SW	4	0	29.01	+ .09	36	36	+ 2	SSE	1	0	1	43	34	0.24		
Cape Gris Nez ...	29.14	43	W	8	0	29.11	- .03	43	43	- 3	SW	8	0	0	43	41	-		
† Jersey ...	29.29	42	WNW	7	0	29.15	- .14	43	42	- 3	WNW	6	0	7	42	39	0.54		
Brest ...	29.43	45	NNW	4	0	29.33	- .10	48	44	+ 1	NNW	9	0	5	54	43	0.04		
Lorient ...	29.46	47	NW	8	0	29.35	- .14	48	44	0	NW	8	0	7	54	41	0.08		
† Rochefort ...	29.39	49	NW	8	2	29.49	- .12	46	45	- 6	WNW	8	0	3	53	38	0.75		
Biarritz ...	29.72	52	W	8	0	29.62	- .14	46	44	- 9	WSW	9	0	6	72	41	0.43		
Corunna ...	*	*	*	*	*			*	*	*				*	*	*	*		
Brussels ...	*	*	*	*	*	29.15	+ .09	37	36	- 8	WSW	4	0	*	47	37	0.04		
Charleville ...	29.28	38	W	5	0	29.26	+ .09	36	35	- 4	SE	4	0	*	48	36	1.18		
Paris ...	29.34	45	SW	5	0	29.23	- .01	37	35	- 11	SSW	1	0	*	*	*	-		
Lyons ...	29.59	44	SSW	3	0	29.42	- .17	37	36	- 5	WNW	7	0	*	43	37	0.04		
Toulon ...	29.69	47	W	8	2	29.55	- .24	42	41	- 6	WSW	8	0	6	52	41	0.12		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction ...	27.74	32	NE	2	0	27.90	+ .20	31	30	- 4	NE	8	0	*	36	27	0.08		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.53	29	25	SE	8	0	Valencia ...	29.34	42	40	WNW	5	ok
Sumburgh Head ...	29.32	36	34	SE	7	2	Scilly ...	29.31	45	43	WNW	8	ok
Stornoway ...	29.07	39	39	NE	1	0	Dover ...	29.11	44	42	WNW	5	6
Aberdeen ...	29.12	36	35	SE	8	0	London ...	29.10	45	?	WSW	5	0
Shields ...	28.92	38	37	SE	5	2	Yarmouth ...	28.98	43	41	W	4	0
Ardrossan ...	28.99	39	38	N	1	0	Jersey ...	29.29	45	41	WNW	7	0
Mullaghmore ...	29.12	43	41	NW	6	0	Rochefort ...	29.64	51	49	NW	8	0
Holyhead ...	29.06	44	42	WNW	6	0							

The depression which lay off our NE. coast this morning is apparently filling up and the barometer is therefore rising generally - briskly in the N. The SE winds in the NE. of Scotland have increased to a fresh or strong gale, with rain in some places and snow at Aberdeen. Elsewhere the wind and weather are unchanged. EXPLANATION OF COLUMNS.

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

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

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

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Wednesday 6th DECEMBER. 1882

BAROMETER, WIND & SEA

Explanation of Map.

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

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

○ = dead calm.

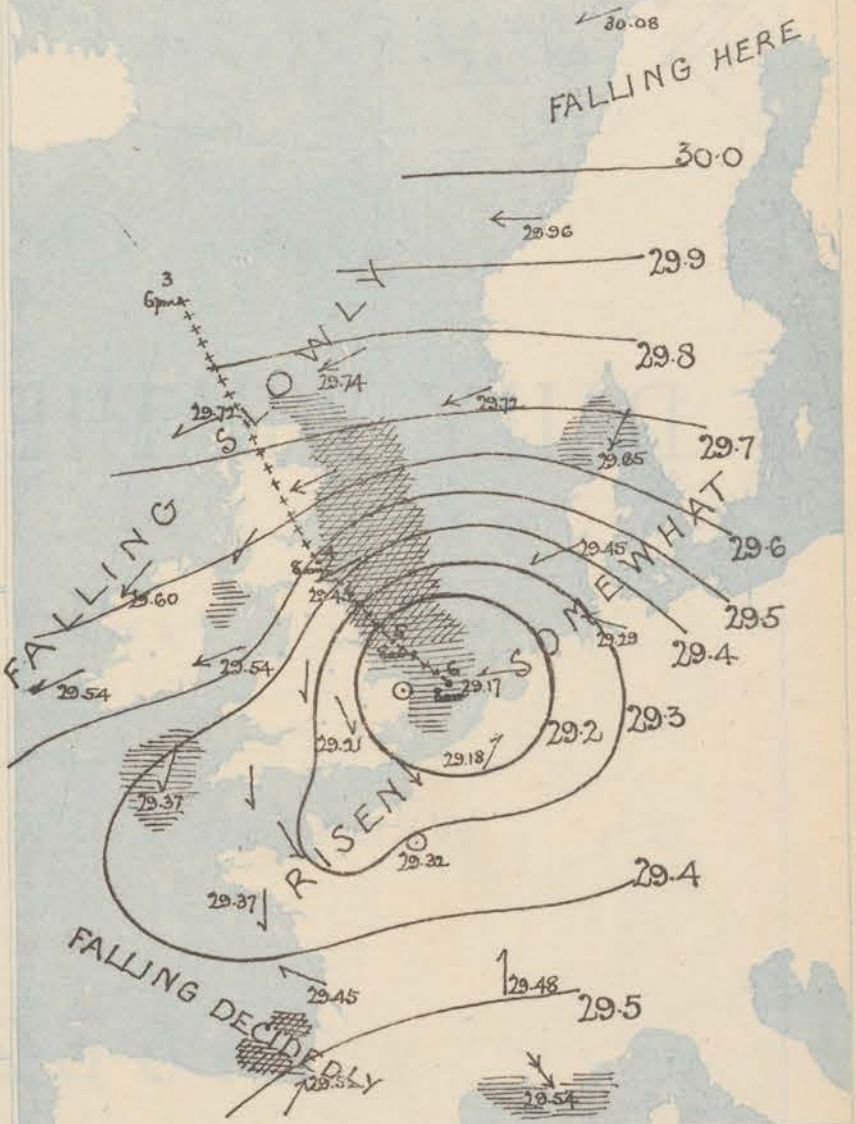
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN^{*} HEIGHT of the BAROMETER

for the month of December.

Stations	Mean Readings
Nairn	29.734
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.809
Greenock	29.791
Holyhead	29.837
Valencia	29.866
Roches Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

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

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

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

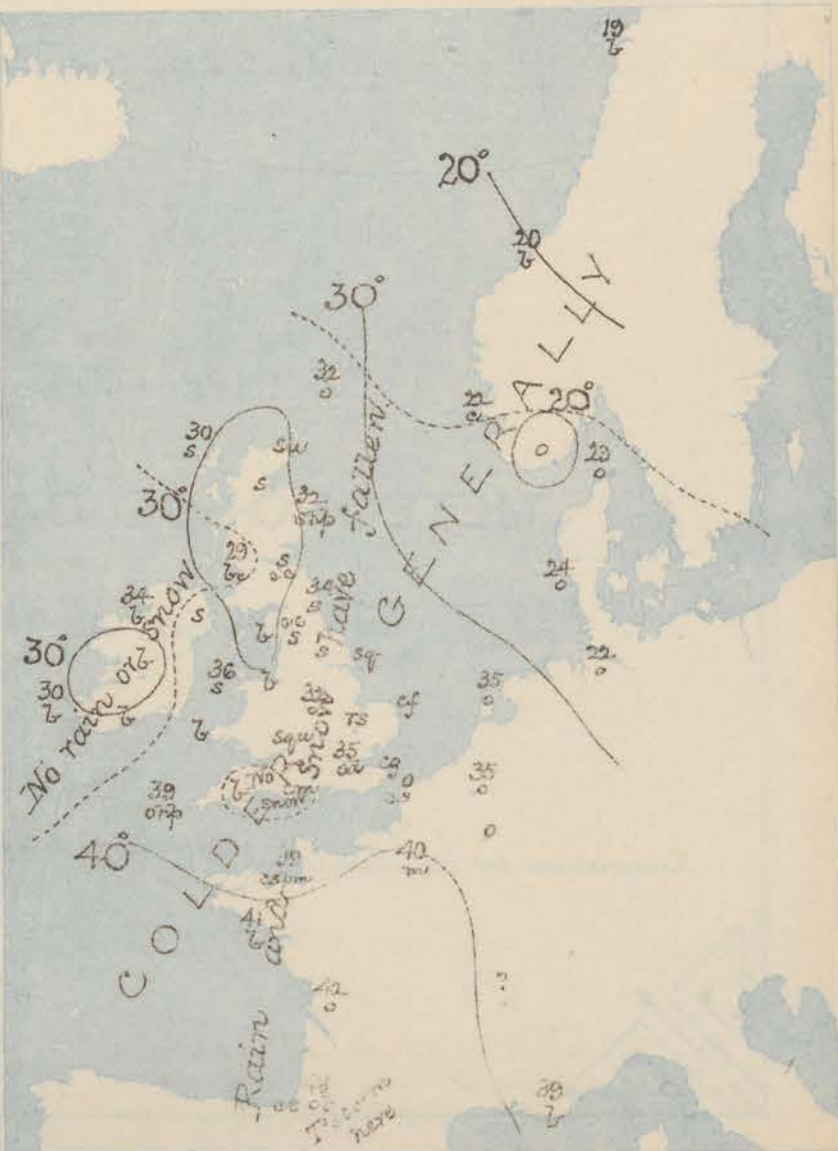
MEANS^{*} OF TEMPERATURE

AND RAINFALL.

for the month of December.

Stations	Temp.	Rain-fall
Sumburgh Head	41.2	3.32
Stornoway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.8	2.67
Malborough	42.0	1.07
Holyhead	43.4	4.07
Portsmouth	42.6	3.08
Valencia	43.6	6.22
Sally (St Mary's)	46.7	4.02
Hurst Castle	43.2	1.07
Dover	41.0	3.34
LONDON	41.0	2.19
Yarmouth	40.3	3.42

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



REMARKS

for Wednesday 6th DEC^r 1882 at 8 a.m.

The depression recently noticed off our NE. coast is still moving slowly in a SE^s direction and now lies between the coasts of Norfolk and Holland. The barometer is rising at all the English stations, but has begun to fall slightly in Scotland and rather more decidedly in the south of Ireland. NE^s winds are reported from all the more N and W districts, and in the NE. and NW. they still blow with the force of a moderate gale, but in the S. and SE. light N^o or NW^o breezes are general. In Scotland the gales have quite subsided. The sky is clear at several of the W. stations, cloudy or overcast elsewhere, and snow is falling in all the N^o and E^o districts. Heavy snow fell in Scotland yesterday. Lightning was seen at Oxford last night. Temperature has fallen, and is now low generally, readings ranging from 39° at Scilly to 25° at Kairn and Parsonstown. Sharp frost occurred last night in Scotland and Central Ireland; at Parsonstown the thermometer fell to 22°.

The sea still runs high on our NE. coast, and is rather rough at Donaghadee and Scilly.

MAP SHOWING DISTRICTS



FORECASTS

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

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	E ^o and NE ^o winds, fresh or strong; cloudy and unsettled with snow at times.
2 SCOTLAND EAST	-----D ^o -----D ^o -----D ^o -----
3 ENGLAND N.E.	-----E ^o -----D ^o -----D ^o -----
4 ENGLAND EAST	Same as No 5.
5 MIDLAND COUNTIES	Same as No 5.
6 ENGLAND SOUTH	N ^o winds, perhaps shifting to NE. moderate; cloudy and unsettled, some snow showers.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	NE ^o winds, moderate or fresh; fair on the whole; but perhaps some snow showers.
7 ENGLAND N.W.	-----D ^o -----D ^o -----D ^o -----
8 ENGLAND S.W.	NE ^o to E ^o winds, moderate to fresh; fair to cloudy and unsettled.
9 IRELAND NORTH	NE ^o and E ^o winds, moderate and fresh; fair on the whole.
10 IRELAND SOUTH	-----D ^o -----D ^o -----D ^o -----
WARNING	The signals were all lowered last evening.

METEOROLOGICAL OBSERVATIONS FOR

6th DEC.

1882

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 10).	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	30.19	22	E	1	C	30.08	- .13	19	17	2	ENE	4	B	1	23	18	-	
Christiansund	30.00	19	ENE	6	B	29.96	- .05	20	17	- 3	E	5	B	3	23	18	-	
†Skudesnaes	29.77	25	E	4	O	29.72	+ .02	22	19	- 5	ENE	6	C	4	27	?	-	
Oxö (Xtiansund)	29.65	21	ENE	8	O	29.66	+ .08	19	19	- 8	ENE	6	O	4	27	19	0.12	
Skagen (The Skaw)	29.63	22	E	6	bc	29.65	+ .03	20	21	- 3	NE	6	O	5	?	21	-	
Fanö	29.43	24	ENE	8	O	29.45	+ .15	24	22	- 2	ENE	3	O	*	27	23	?	
Cuxhaven	29.74	?	ESE	6	S	29.70	+ .14	22	22	- 3	ESE	5	O	*	28	?	-	
†Sumburgh Head	29.76	28	ENE	4	S	29.74	+ .04	32	30	+ 1	ENE	5	O	4	32	27	0.04	
†Stornoway	29.74	29	E	3	B	29.72	+ .07	30	30	- 5	ENE	4	S	3	37	25	0.15	
Wick	29.72	32	NE	6	bc	29.71	+ .03	30	30	- 2	NE	5	SW	6	32	27	0.14	
Nairn	29.67	26	ENE	2	bc	29.67	+ .08	25	25	- 6	E	0	S	2	33	24	0.43	
†Aberdeen	29.63	32	NE	7	C	29.63	+ .10	32	30	- 2	ENE	6	SW	7	35	26	0.28	
Leith	29.56	31	NE	7	S	29.55	+ .19	29	27	- 4	NE	2	S	*	27	26	0.62	
†Shields	29.41	36	ENE	7	O	29.45	+ .21	34	33	- 2	ENE	7	S	7	37	30	0.24	
Spurn Head	29.17	38	ENE	7	O	29.18	+ .21	34	33	- 4	ENE	9	SW	7	41	33	0.25	
York	29.22	34	N	4	C	29.35	+ .27	31	31	- 7	ENE	2	S	*	39	30	0.32	
Loughborough	29.22	36	NNW	4	O	29.29	+ .27	32	31	- 2	N	4	O	*	39	32	0.04	
†Ardrossan	29.38	31	ENE	3	B	29.60	+ .15	29	29	- 5	NE	2	bc	1	34	27	-	
†Mullaghmore	29.61	38	ENE	5	B	29.60	+ .13	34	31	- 4	NE	4	S	4	40	31	-	
Donaghadee	29.55	35	NE	0	B	29.56	+ .17	33	32	- 6	NE	7	S	5	39	32	-	
Parsonstown	29.59	32	N	1	B	29.57	+ .14	25	24	- 9	N	1	B	*	37	22	-	
Barrow-in-Furness	29.40	33	NE	3	B	29.48	+ .30	30	29	- 6	NE	3	B	2	37	27	-	
†Holyhead	29.42	40	NE	7	O	29.54	+ .32	36	32	- 3	ENE	5	B	4	41	32	0.02	
Liverpool (Widston)	29.38	33	N	4	B	29.40	+ .24	30	29	- 7	ENE	2	B	3	37	30	-	
†Valencia	29.59	38	NE	3	B	29.54	+ .08	30	29	- 15	NE	3	B	3	46	29	-	
Roche's Point	29.53	36	N	4	B	29.49	+ .10	31	30	- 7	N	3	B	3	42	30	-	
Pembroke	29.36	38	ENE	5	bc	29.40	+ .20	33	31	- 5	NE	2	B	1	40	32	0.03	
†Scilly	29.37	43	NNW	6	C	29.37	+ .09	39	37	- 7	ENE	2	SW	5	46	37	0.07	
Prawle Point	29.31	36	NNW	4	B	29.36	+ .25	31	29	- 7	N	3	B	2	43	30	-	
Hurst Castle	29.18	39	N	4	C	29.28	+ .19	34	33	- 4	ENE	3	SW	3	44	33	-	
†Dover	29.08	37	WNW	2	Op	29.16	+ .12	37	36	- 1	NW	3	CG	1	40	34	0.03	
†London	29.11	38	NNW	2	O	29.21	+ .13	35	34	- 2	NNW	3	B	*	39	35	0.01	
Oxford	29.22	37	NW	5	O	29.28	+ .21	33	32	- 1	NNW	5	SW	*	38	33	0.01	
Cambridge	29.13	36	N	1	O	29.18	+ .14	34	34	0	N	2	TS	*	38	32	0.07	
†Yarmouth	29.10	34	W	2	bc	29.12	+ .12	36	36	+ 1	E	0	Op	5	39	33	0.04	
The Helder	29.13	37	SE	1	O	29.17	+ .16	35	34	- 1	E	3	O	2	39	36	0.04	
Cape Gris Nez	29.09	36	WNW	5	2	29.18	+ .07	39	36	- 4	NW	5	O	4	45	34	0.51	
†Jersey	29.23	42	NW	5	Op	29.30	+ .15	37	36	- 6	NW	4	CG	4	45	30	0.17	
Brest																		
Lorient	29.38	45	NW	7	B	29.37	+ .02	41	38	- 7	N	4	B	3	48	36	-	
†Rochefort	29.42	48	NW	8	2	29.45	- .04	42	41	- 4	ESE	3	O	2	52	36	0.24	
Biarritz	29.59	46	WSW	11	2	29.52	- .10	43	46	+ 2	SW	7	Op	7	56	24	0.15	
Corunna																		
Brussels						29.18	+ .03	35	34	- 2	SSW	1	O	*	41	34	0.08	
Charleville	29.16	35	W	3	O	29.19	- .07	34	33	- 2	W	4	O	*	44	?	0.12	
Paris	29.18	40	SW	4	O	29.32	+ .04	40	38	- 3	SW	0	m	*	*	*	0.08	
Lyons	29.43	41	SSE	3	O	29.48	+ .26	?	?	?	S	?	?	*	45	36	-	
Toulon	29.54	41	NW	7	B	29.54	- .01	39	37	- 3	NW	8	B	6	45	39	0.16	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																		
Hawes Junction	28.12	28	NE	6	O	28.16	+ .26	26	25	- 5	N	5	S	*	31	23	0.62	

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

	Bar.	Dry.	Wet.	Wind.	Wex.	Sea.		Bar.	Dry.	Wet.	Wind.	Wex.	Sea.
Skudesnaes	29.75	26	22	ENE	6	C	Valencia	29.54	42	39	NE	5	B
Sumburgh Head	29.76	29	28	E	3	B	Scilly	29.35	44	41	NNW	7	C
Stornoway	29.73	31	31	N	3	Sp	Dover	29.63	39	37	WNW	4	B
Aberdeen	29.60	34	32	NE	3	Shq	London	29.07	39	?	NNW	1	O
Shields	29.37	36	34	ENE	7	C	Yarmouth	29.06	35	35	W	0	BC
Ardrossan	29.33	33	33	NE	4	BC	Jersey	29.19	42	39	NW	5	C
Mullaghmore	29.56	39	36	NE	6	C	Rochefort	29.46	49	46	NW	8	2
Holyhead	29.36	41	37	NE	7	m							

The barometer continues to fall slowly over France and the S.E. of England, but is rising elsewhere. A moderate or fresh NE^{ly} gale is still blowing in our NE. coasts, as well as at Holyhead, and squalls of snow and hail are reported from Aberdeen.

EXPLANATION OF COLUMNS.

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

THURSDAY, 7TH DECEMBER.

1882

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 Thursday 7th DECEMBER 1882

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:

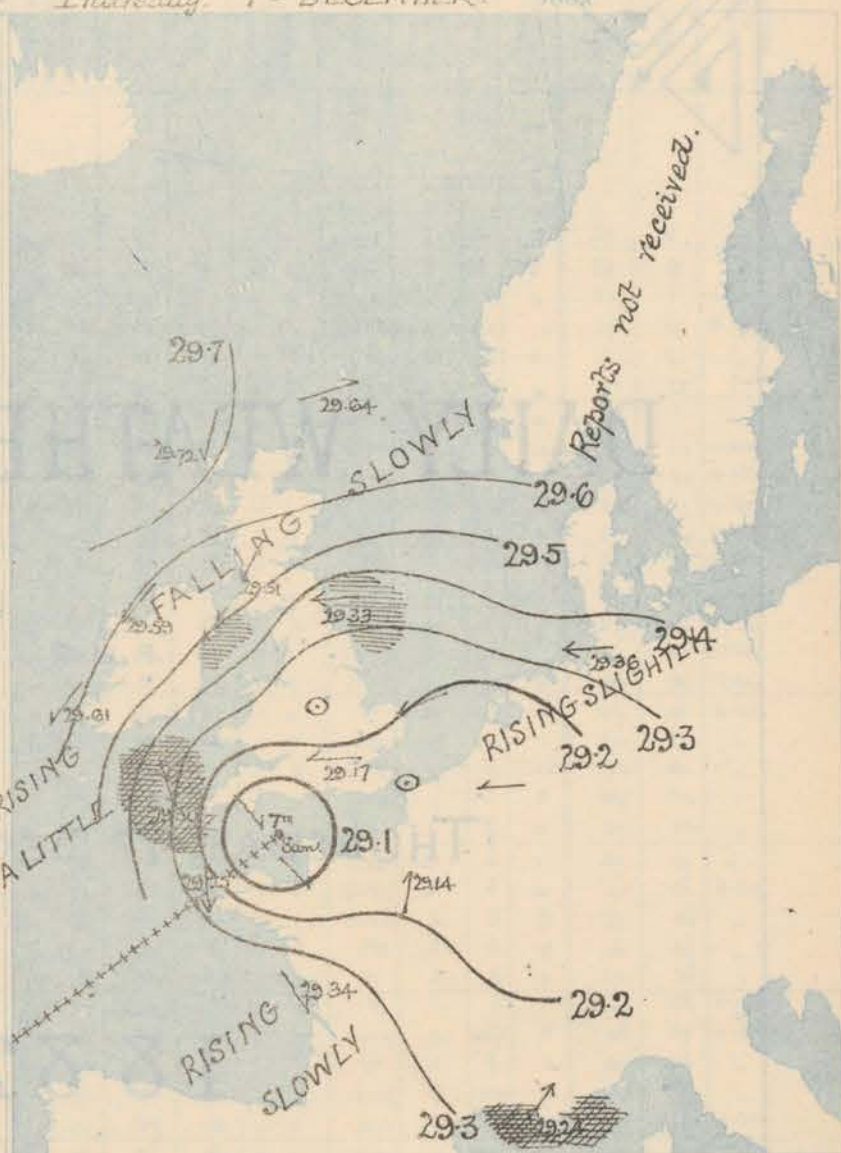
Wind. Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus:
 — force above 10; — force 6 to 10;
 — force 3 to 7; — force 1 to 4;
 ○ dead calm.

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

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

Stations.	Mean Readings
	In.
Nairn	29.729
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.804
Greenock	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Farmouth	29.881

* These means are for the 10 years 1868-76. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

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

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

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

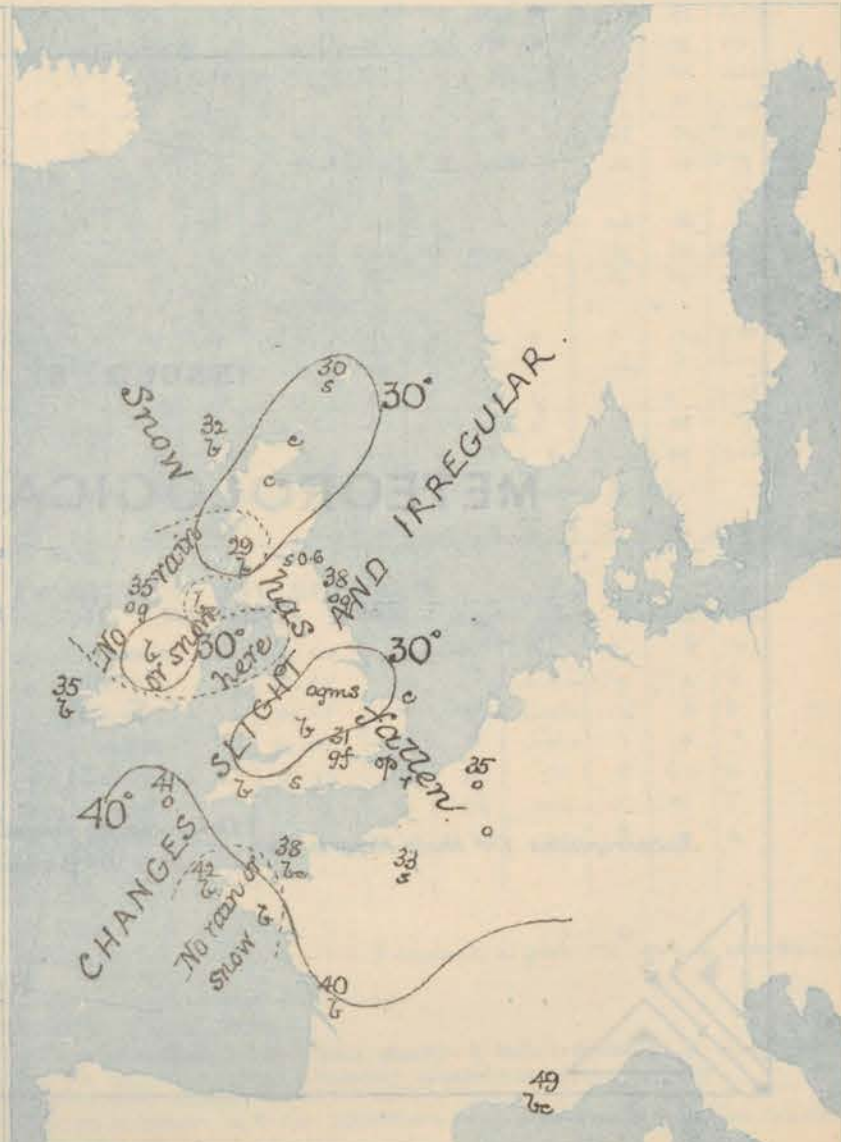
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of December.

Stations	Temp.	Rain-fall
	°	in.
Stambury Head	41.7	3.22
Stornoway	41.5	6.09
Aberdeen	39.5	2.06
Stuarts	39.7	2.79
York	39.8	2.67
Mullaglinore	42.0	?
Holyhead	43.4	4.07
Barrowtown	42.6	3.05
Valencia	43.6	6.22
Sally (St Mary's)	46.7	4.02
Thurst Castle	43.2	?
Dover	41.0	3.54
LONDON	41.0	2.19
Wormouth	40.3	3.52

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



REMARKS

for Thursday 7th DEC^r 1882 at 8 a.m.

In consequence of the heavy snowstorms of the past two days telegraphic communication is seriously interrupted, and the Scandinavian and Danish, together with the majority of our E^{ly} and NE^{ly} and several of our W^{ly} reports are all wanting. From the observations we have received it appears that a well marked depression has advanced to the Channel from the SW^{ly}, and that the barometer is falling, generally - quickly in the south. In the W. of France pressure is inclined to recover. The wind circulates round the centre of the depression, - being E^{ly} in the east, NE^{ly} in the north-west, N^{ly} and NW^{ly} in the SW, and W^{ly} or SW^{ly} in the NE. of France. At Omaghadee and Scilly there is a fresh or strong gale. The weather varies greatly in different parts of the country, but is upon the whole, fine in the W., and cloudy in the E. and S., with snow at Hurst Castle. Snow fell yesterday in nearly all places. Temperature has changed irregularly and varies from 41° at Scilly to 26° at Wick. The maxima yesterday were very low generally; at Ardrossan & Portonmouth the thermometers did not rise above the freezing point. Sea is high at Scilly, rough on our NE and NW. coasts.

MAP SHOWING DISTRICTS



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	Variable breezes; unsettled, some snow.
2 SCOTLAND EAST	E ^{ly} or NE ^{ly} strong winds or gales; unsettled, some snow.
3 ENGLAND NE	-----D°-----D°-----D°-----
4 ENGLAND EAST	Same as No 5
5 MIDLAND COUNTIES	Same as No 5.
6 ENGLAND SOUTH	E ^{ly} winds, increasing in force; cloudy and unsettled, some snow.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	NE ^{ly} winds, moderate; fair on the whole.
7 ENGLAND N.W.	Same as No 1 and 2.
8 ENGLAND S.W.	N ^{ly} and NW ^{ly} winds, strong to a gale; cloudy, some showers.
9 IRELAND NORTH	Same as No 1 and 2
10 IRELAND SOUTH	N ^{ly} winds, fresh; fair generally.
WARNINGS	The N. cone was hoisted yesterday in districts 1 to 3 and 7 to 9.

METEOROLOGICAL OBSERVATIONS FOR

7th 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																	
Hernösand																	
Stockholm																	
Wishy																	
Bodö																	
Christiansund																	
†Skudesnæs																	
Oxö (Xanxundi)																	
Skagen (The Skaw)																	
Fanö																	
Cuxhaven	29.21	30	ESE	4	0	29.36	+ 0.07	33	33	+ 1.1	E	5	0	*	?	?	-
†Sumburgh Head	29.73	30	ESE	3	0	29.64	- 0.10	30	30	- 2	WSW	3	5	3	34	25	0.02
†Stornoway	29.73	30	E	4	0	29.72	- 0.00	32	32	+ 2	NNE	4	0	3	34	27	0.12
Wick	29.71	31	E	3	0	29.70	- 0.01	26	26	- 4	NW	2	0	4	33	26	0.06
†Nairn	29.68	28	NE	2	0	29.66	- 0.01	27	27	+ 2	ENE	2	0	3	30	23	0.60
†Aberdeen																	
†Leith	29.58	31	NE	4	0	29.49	- 0.06	32	31	+ 3	NE	5	0	*	26	27	0.28
†Shields	29.52	33	E	5	0	29.33	- 0.12	38	38	+ 4	ENE	6	0	0	38	20	0.26
Spurn Head																	
York																	
Loughborough	29.08	33	NNW	2	0	29.22	- 0.07	30	30	- 2	W	0	0	*	34	29	0.15
†Ardrossan	29.58	29	NNE	2	0	29.51	- 0.09	29	29	- 0	NE	3	0	2	32	26	-
†Mullaghnore	29.61	28	E	5	0	29.59	- 0.01	35	32	+ 1	NNE	4	0	4	36	32	-
Donaghadee	29.54	35	NE	8	0	29.48	- 0.08	36	33	+ 3	NE	8	0	6	36	32	0.01
Parsonstown	29.57	28	N	1	0	29.56	- 0.01	27	25	+ 2	N	1	0	*	32	23	-
Barrow-in-Furness	29.32	33	NE	4	0	29.29	- 0.09	35	32	+ 5	NE	5	0	3	36	30	-
†Holyhead																	
Liverpool (Blisdon)	29.26	32	NNW	6	0	29.22	- 0.12	34	33	+ 4	NNE	3	0	3	34	30	0.37
†Valencia	29.60	34	NNE	4	0	29.61	+ 0.07	35	33	+ 5	NNE	3	0	3	37	29	-
Roche's Point																	
Pembroke																	
†Scilly	29.30	40	NNE	4	0	29.30	- 0.07	41	39	+ 2	NNW	4	0	7	41	34	0.08
Prawle Point	29.30	31	N	3	0	29.08	- 0.28	30	30	- 1	NW	3	0	3	40	28	-
Hurst Castle	29.22	31	NNE	2	0	29.06	- 0.22	36	35	+ 2	ESE	1	0	2	39	30	0.20
†Dover	29.15	35	W	3	0	29.13	- 0.03	39	37	+ 2	ENE	3	0	1	40	31	0.02
†London	29.16	38	WNW	2	0	29.17	- 0.04	31	30	- 4	E	2	0	*	36	28	0.01
Oxford	29.10	32	NNW	4	0	29.19	- 0.09	27	27	- 6	NE	3	0	*	34	27	0.04
Cambridge	29.10	33	NW	1	0	29.21	+ 0.03	29	29	- 5	W	0	0	*	34	29	0.03
†Yarmouth	29.11	37	SSE	5	0	29.20	+ 0.08	36	36	0	ENE	3	0	4	40	32	0.24
The Heider	29.25	34	E	1	0	29.28	+ 0.11	34	33	- 1	E	4	0	2	36	34	-
Cape Gris Nez	29.19	37	WNW	5	0	29.14	- 0.04	34	34	- 5	NNW	1	0	1	41	34	0.04
†Jersey	29.22	35	ENE	2	0	29.05	- 0.25	38	35	+ 1	NW	2	0	3	38	34	0.20
Brest	29.28	38	NE	4	0	29.25	- 0.03	42	35	- 7	N	7	0	4	50	32	-
Lorient	29.27	37	NNE	4	0	29.27	- 0.10	37	37	- 4	NW	7	0	5	45	34	-
†Rochefort	29.20	45	S	5	0	29.34	- 0.11	40	38	- 2	NNW	7	0	4	50	35	0.43
Biarritz																	
Corunna																	
Brussels						29.15	- 0.03	35	34	- 0	E	1	0	*	34	35	-
Charleville	29.21	36	SW	4	0	29.12	- 0.07	35	33	+ 1	W	4	0	*	43	?	0.08
Paris	29.25	39	NW	3	0	29.14	- 0.18	33	32	- 7	SSW	3	0	*	*	*	0.28
Lyons	29.33	41	SSE	5	0	29.14	- 0.34	41	40	- 1	SSE	1	0	*	?	?	-
Toulon	29.48	46	W	4	0	29.26	- 0.30	49	44	+ 10	SW	8	0	7	?	39	0.08
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction																	

HIGH LEVEL STATION.

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

Hawes Junction

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnæs ...	29.71	25	21	E	4	4	Valencia ...	29.07	36	33	NNE	3	6 m
Sumburgh Head ...	29.71	31	30	ENE	5	5	Scilly ...	29.31	41	36	NNE	4	6 m
Stornoway ...	29.73	31	31	E	4	3	Dover ..	29.14	37	35	WNW	3	0
Aberdeen ...	29.61	32	31	NNE	2	6	London ...	29.16	35	?	WNW	4	0.5 m
Shields ...	29.40	38	33	ENE	7	7	Yarmouth ...	29.10	39	38	SE	1	0
Ardrossan ...	29.57	31	31	NE	2	6	Jersey ...	29.24	37	36	ENE	2	0
Mullaghnore ...	29.61	35	32	ENE	5	6	Rochefort ...	29.32	43	45	SSE	5	0
Holyhead ...	29.52	38	35	ENE	6	Chpgr							

The barometer is rising a little in the N. of Ireland, falling elsewhere - quickly at Rochefort, where a fresh S.E. breeze is reported. In other places the winds are little changed. In Ireland the sky is still clear, and at Aberdeen the weather has improved somewhat, but snow continues to fall at Shields & West Shores in London.

EXPLANATION OF COLUMNS.

WEATHER.—Beechey 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). † Not received till after the issue of the forecasts.

DAILY WEATHER REPORT

FOR

FRIDAY, 8TH DECEMBER.

1882

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 Friday 8 DECEMBER 1867

BAROMETER, WIND & SEA.

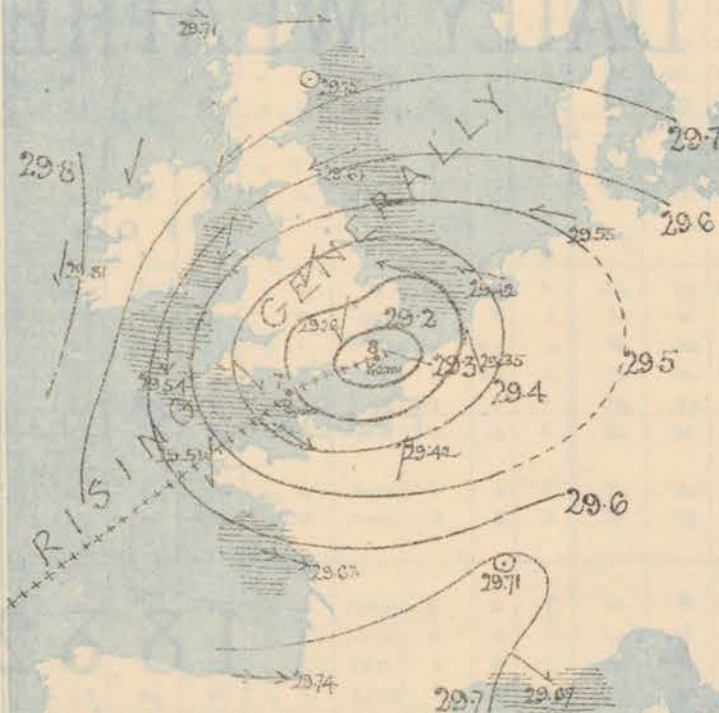
Explanation of Map.

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

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

Stations	Mean Readings
	In.
Nairn	29.75
Aberdeen	29.74
Leith	29.78
Scarborough	29.83
Ardrossan	29.86
Greencastle	29.79
Holyhead	29.87
Valencia	29.86
Roche's Pt.	29.87
Plymouth	29.92
LONDON	29.91
Yarmouth	29.85

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

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

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

Stations	Temp.	Rain-fall
	°	in.
Samburgh Head	41.2	3.32
Scalloway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	40.4	4.07
Parsonstown	42.6	3.08
Valencia	43.6	6.22
Sally (St. Mary's)	46.7	1.02
Hurst Castle	43.2	?
Dover	41.0	3.59
LONDON	41.0	2.18
Yarmouth	40.3	3.42

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



REMARKS

for Friday 8th Decr. 1882 at 8 a.m.

The small depression which had advanced yesterday to the Channel has now reached the Straits of Dover and appears to be filling up. The barometer is consequently rising at all stations, and is highest off the west coast of Ireland. The reports from Scandinavia, Denmark and Pembroke are all wanting. In the N. of Scotland the winds are light and variable, but in all other localities they circulate round the area of lowest pressure being E^{ly} or NE^{ly} on our E. coasts, N^{ly} in the W., NW^{ly} and W^{ly} over the Bay of Biscay, and SW^{ly} or S^{ly} in the E. of France. Fresh or strong gales blew yesterday on all the E. and several parts of the W. coasts, but these have now subsided and nothing more than a strong breeze is reported from any of our stations. The weather continues cloudy in the E., Midland, and southern districts, with snow at Loughboro and Oxford, but in the W. and N. the sky is generally fair. Heavy falls of snow or sleet were experienced yesterday in all parts of Britain, at Scilly the amount when melted was as much as 12 in. Temperature has fallen quickly in the NE. of Scotland and at Kain a reading of 10° is reported, but elsewhere it has risen somewhat, the highest reading being 43° at Scilly. The sea is rough on our E. and several parts of our W. coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the9th DECEMBER

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	W ^{ly} or NW ^{ly} winds, light or moderate; fair generally.
2 SCOTLAND EAST	D ^{ly} - - - - D ^{ly} - - - - D ^{ly}
3 ENGLAND NE	NE ^{ly} or N ^{ly} winds, moderate or fresh; cloudy, some showers.
4 ENGLAND E	Same as No 5
5 MIDLAND COUNTIES	Same as No 2
6 ENGLAND SOUTH	E ^{ly} and NE ^{ly} winds, moderate or fresh; fair on the whole, but probably some showers.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Light variable airs; fair, foggy.
7 ENGLAND N.W.	Same as No 2
8 ENGLAND S.W.	N ^{ly} winds, perhaps veering to NE, fresh or strong; cloudy, some showers.
9 IRELAND NORTH	N ^{ly} winds, moderate or fresh; fair on the whole.
10 IRELAND SOUTH	D ^{ly} - - - - D ^{ly} - - - - D ^{ly}
WARNINGS	The N. cone has been lowered this morning in district 1, but is still up in 2, 3, and 7 & 9.

METEOROLOGICAL OBSERVATIONS FOR

8th 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.		Difference from 8 a.m. yesterday.	WIND.	Weather.	Sun (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.		Dir.	Force (0 to 12).		Max.	Min.	
Haparanda																	
Hernösand																	
Stockholm																	
Wisby																	
Bodö																	
Christiansund																	
†Skudesnaes																	
Oxö (Xiaosund)																	
Skagen (The Skaw)																	
Fanö																	
Cuxhaven	29.42	32	ESE	6	0		29.35	+ .19	33	32	0	ESE	4	0	25		
†Sumburgh Head	29.61	31	S	4	3		29.78	+ .17	38	31	+ 3	SSW	5	0	24	28	0.08
†Stornoway	29.65	34	NW	3	0		29.71	- .01	29	29	- 3	W	4	60	36	26	0.04
Wick	29.61	30	Z	0	60		29.76	+ .06	31	31	+ 5	W	1	0	32	21	
Nairn	29.62	19	Z	0	6		29.74	+ .08	10	10	- 17	Z	0	6	29	10	
†Aberdeen	29.62	30	N	4	0		29.75	- .10	26	26	- 10	WNW	1	60	37	25	0.36
Leith	29.57	35	NE	4	3		29.70	+ .21	35	37	+ 6	NW	1	05	39	31	0.14
†Shields	29.46	40	ESE	7	0		29.61	+ .28	38	37	0	ESE	6	09	40	34	0.27
Spurn Head																	
York	29.37	34	ESE	1	0		29.47	+ .21	35	34	+ 1	ESE	4	0	36	33	0.48
Loughborough	29.28	34	NW	3	0		29.34	+ .12	33	33	+ 3	NNE	4	29	35	30	0.39
†Ardrossan	29.56	35	NE	3	0		29.71	+ .20	30	30	+ 1	NE	1	15	40	28	0.01
†Mullaghmore	29.63	37	NNE	5	6		29.74	+ .15	38	36	+ 3	NNE	3	09	38	33	
Donaghadee	29.85	38	NE	9	60		29.70	+ .22	38	36	+ 2	NNE	6	6	39	36	
Parsonstown	29.59	33	NNW	4	6		29.77	+ .21	24	23	- 3	Z	0	6	34	23	
Barrow-in-Furness	29.43	35	NE	2	6		29.56	+ .27	37	34	+ 2	NE	3	0	40	32	
†Holyhead	29.37	40	NNE	6	0		29.59	+ .28	41	38	+ 2	NNE	6	0	41	38	0.06
Liverpool (Bidston)	29.37	35	NE	2	6		29.53	+ .25	38	34	+ 1	NNE	4	0	36	34	
†Valencia	29.65	37	NNE	5	6		29.81	+ .20	39	37	+ 4	N	4	60	41	34	
Roche's Point	29.52	35	N	5	60		29.71		33	32		N	4	6	37	30	
Pembroke																	
†Scilly	29.35	42	NNW	7	0		29.34	+ .24	43	40	+ 2	N	6	09	43	34	1.31
Prawle Point	29.29	30	N	4	m		29.33	+ .25	35	34	+ 5	NW	4	0	38	28	
Hurst Castle	29.18	33	NE	2	m		29.28	+ .25	35	35	- 1	NE	4	0	36	32	0.30
†Dover	29.06	36	E	2	0		29.18	+ .05	37	36	- 2	ESE	5	09	40	34	0.46
†London	29.13	35	NE	5	0v		29.26	+ .09	34	34	+ 3	NNE	2	05	38	31	0.53
Oxford	29.23	33	N	3	S		29.31	+ .12	34	33	+ 7	N	3	0	35	27	0.32
Cambridge	29.19	34	N	1	A		29.31	+ .10	35	33	+ 4	NE	1	0	35	27	0.41
†Yarmouth	29.16	38	NE	8	A		29.29	+ .09	38	37	+ 2	ESE	5	0	40	34	0.53
The Helder	29.28	34	ESE	5	0		29.42	+ .14	34	34	0	ESE	1	0	36	34	0.20
Cape Gris Nez	29.08	33	SSE	1	0		29.16	+ .02	33	33	- 1	ESE	3	0	37	32	0.32
†Jersey	29.16	36	NNW	3	0		29.35	+ .30	40	38	+ 2	WNW	6	09	41	33	0.27
Brest	29.24	41	N	7	6		29.51	+ .26	40	38	- 2	N	4	60	43	36	0.20
Lorient	29.34	40	NNW	8	6		29.52	+ .25	42	39	+ 5	NW	4	60	43	37	
†Rochefort	29.39	46	W	8	A		29.63	+ .29	41	41	+ 1	WNW	8	A	34	34	0.59
Biarritz	29.84	45	WSW	9	A		29.74		43	41		N	8	A	48	39	0.59
Corunna																	
Brussels							29.35	+ .20	35	33	0	SSE	4	0	39	33	0.20
Charleville	29.40		ESE				29.41	+ .29	35	32	0	SW	5	0	39	32	0.20
Paris	29.25	36	SW	4	0		29.42	+ .28	36	34	+ 2	SW	4	0			0.28
Lyons	29.55	34	SW	1	60		29.71	+ .37	31	23	- 10	ESE	1	0	46	29	
Toulon	29.52	42	W	8	0		29.67	+ .43	40	35	- 9	NNW	4	6	50	39	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.17	32	NE	4	0		29.31	+ .25	31	30		NNE	4	0	32	24	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...							Valencia ...	29.61	39	35	N	4	60	4
Sumburgh Head							Scilly ...	29.33	38	38	N	5	S	6
Stornoway ...							Dover ..	29.07	39	38	ESE	3	0m	2
Aberdeen ...	29.61	36	34	NE	6	Sp	London ...	29.16	35	?	E	4	0.25	0
Shields ...							Yarmouth ...	29.18	40	38	ESE	6	09	6
Ardrossan ...	29.50	35	35	NE	4	C	Jersey ...	29.05	36	35	W	3	C	3
Mullaghmore ...							Rochefort ...	29.33	34	30	NW	7	60	2
Holyhead ...														

On account of the interruption to the telegraphic wires nearly all our N^o reports are wanting. The depression in the S. is moving E^{ast} and strong NE^{ast} winds, with much snow are extending S^{outh} down our E. coast.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) or, overcast; p. passing showers; s. 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, No way, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

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DAILY WEATHER REPORT

FOR

SATURDAY, 9TH DECEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Saturday 9th DECEMBER.

BAROMETER, WIND & SEA

Explanation of Map.

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

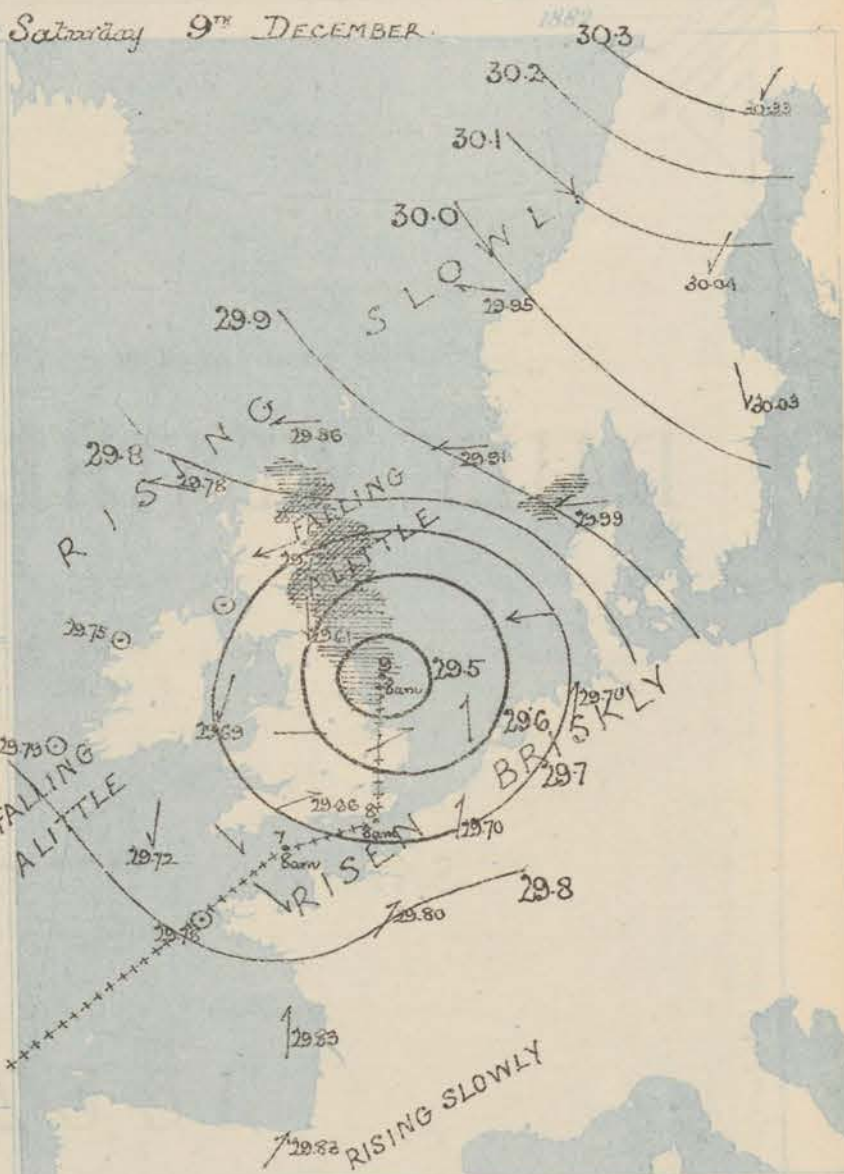
Wind arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10;
→ forces 5 to 7; → forces 1 to 4;
○ - dead calm.

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

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

Stations.	Mean Readings in.
Nairn	29.729
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrrosson	29.804
Greenacres	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.882
LONDON	29.916
Yarmouth	29.881

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

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

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

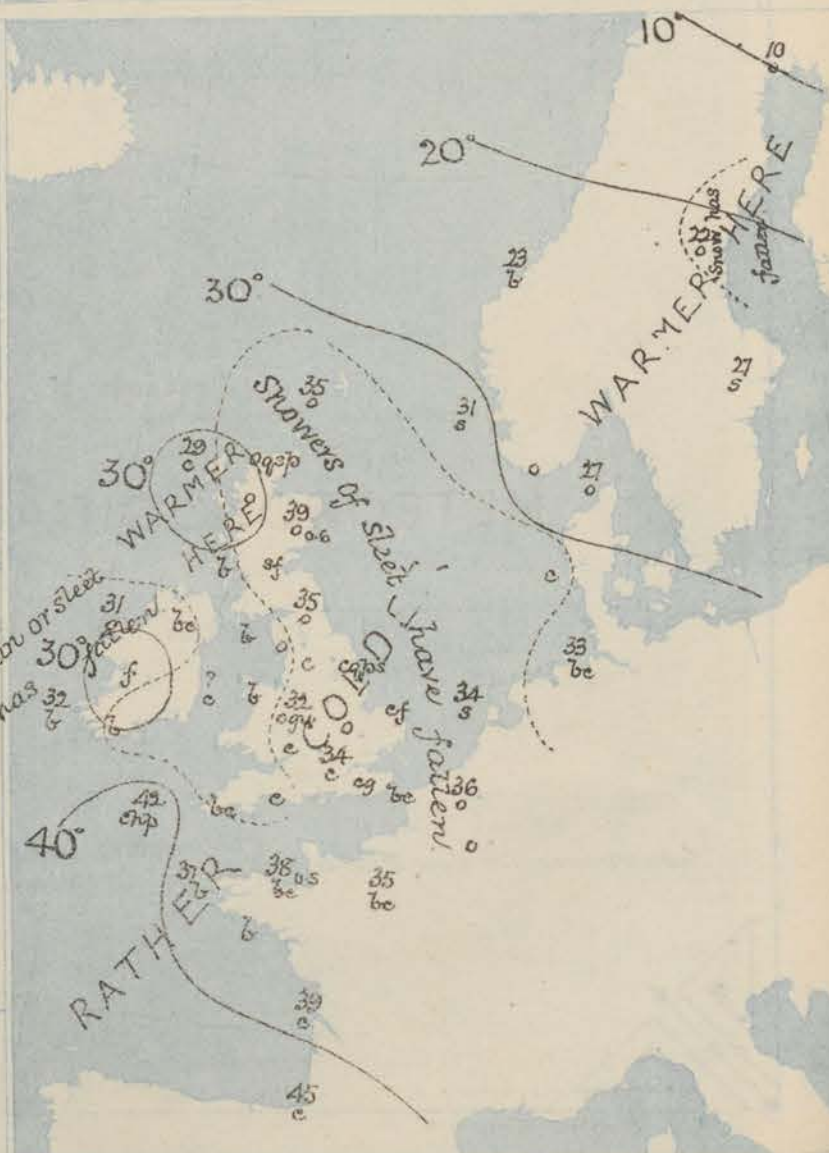
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

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

Stations	Temp.	Rain-fall
Sundrugh Head	41.2	3.32
Sornoway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
Yerk	39.9	2.67
Mullaghenore	42.0	7
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valencia	43.6	6.27
Sally (St Mary's)	46.7	4.02
Hurst Castle	43.2	7
Dover	41.0	3.54
LONDON	41.0	2.19
Yarmouth	40.3	3.42

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



REMARKS

for Saturday 9th DEC^r 1882 at 8 a.m.

The depression of the past two days appears to be travelling slowly in a N^w direction along the east coast of England, and the barometer is consequently rising briskly at our southern stations, while it is falling a little in the NE. In the west of Ireland a separate, but at present very slight, fall is in progress. Fresh or strong SE^e and E^e winds prevail in the NE. of Scotland, and moderate N^w or NW^w breezes in other parts of Great Britain, but in the N. of Ireland the wind has fallen to a calm. In the SW. of France S^w and SW^w breezes are reported. The weather is fine in the N. of France and south of Ireland, but more or less cloudy in other localities, with snow showers at Wick, Leith, and Spurnhead, and hail at Scilly. Heavy snow or sleet fell yesterday at some of our NE^e stations. Temperature has risen several degrees in the NE. of Scotland, but fallen in most other districts; readings now range from 42° at Scilly to 26° at Kain. The sea is high at Aberdeen, rough on our E. coast generally, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the10th DECEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Varying E ^w winds, strong, perhaps a gale; cloudy, unsettled, with some snow.
2 SCOTLAND EAST	--- D° --- D° --- D° ---
3 ENGLAND NE	N ^w winds, moderate; unsettled some snow.
4 ENGLAND EAST	Same as No 5
5 MIDLAND COUNTIES	Same as No 5
6 ENGLAND SOUTH	W ^w or NW ^w winds, moderate; fair on the whole, but perhaps slight showers.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Variable airs; fair generally.
7 ENGLAND N.W.	W ^w or NW ^w winds, light to fresh; fair on the whole.
8 ENGLAND S.W.	--- D° --- D° --- D° ---
9 IRELAND NORTH	Calms to NW ^w winds, moderate; fair to cloudy and unsettled.
10 IRELAND SOUTH	--- D° --- D° --- D° ---
WARNINGS	N cone was hoisted last evening in district 0 and part of 1.

METEOROLOGICAL OBSERVATIONS FOR

9th 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.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda	30.21	12	NE	2	0	30.33	+ .13	10	10	+ .4	NE	4	0	*	12	-2	-	
Hernösand	30.10	16	NE	4	0	30.04	+ .05	22	21	+ .6	NE	4	0	*	11	44	0.28	
Stockholm	30.00	18	N	2	0	30.03	+ .14	27	27	+ .10	N	4	0	*	?	44	-	
Wisby														*				
B. I.														*				
Christiansund	29.93	24	SE	1	6	29.95		23	21		ESE	2	6	2	25	19	-	
†Skudesnaes	29.91	24	E.NE	2	6	29.91		31	23		E	2	6	3	10	23	-	
Oxö (Xiansund)	29.93	22	N.NE	6	0	29.95	+ .04	22	21	- .2	NNE	8	0	5	?	19	-	
Skagen (The Skaw)	29.94	24	E	4	0	29.99	+ .10	27	25	+ .2	E	4	0	3	?	23	-	
Fanö	29.75	31	SSE	4	0	29.76	+ .07	31	31	+ .4	E	5	0	*	?	27	0.03	
Cuxhaven	29.62	32	SE	3	6	29.70	+ .15	33	33	0	S	3	6	*	?	27	-	
†Sumburgh Head	29.84	34	E	5	0	29.86	+ .08	35	32	+ .2	E	3	0	4	35	30	0.03	
†Stornoway	29.74	29	E	1	0	29.78	+ .07	29	28	0	E	3	0	3	36	21	-	
Wick	29.80	36	E	5	6	29.83	+ .07	36	36	+ .5	SE	5	0	5	36	29	0.25	
Nairn	29.75	12	N	0	6	29.78	+ .04	26	26	+ .16	N	0	0	2	26	10	0.02	
†Aberdeen	29.74	36	E	4	0	29.72	- .03	39	36	+ .13	E.NE	6	0	7	39	21	0.55	
Leith	29.71	34	ENE	2	6	29.69	- .01	33	32	- .5	N	2	8	*	38	31	0.16	
†Shields	29.59	37	ENE	5	0	29.61	00	35	35	- .3	N	2	0	6	38	33	0.31	
Spurn Head	29.43	38	ENE	3	6	29.47	+ .12	35	35	- .2	NW	5	0	5	40	36	0.36	
York	29.51	33	NE	2	3	29.53	+ .11	34	34	- .1	N	1	0	*	37	?	0.43	
Loughborough	29.47	34	NNE	2	0	29.62	+ .28	32	32	- .1	N	2	0	0	34	32	0.22	
†Ardrossan	29.72	32	NE	1	6	29.72	+ .01	30	30	0	N	0	6	0	41	26	-	
†Mullaghmore	29.75	37	NNE	1	2	29.75	+ .01	31	31	- .7	N	0	0	2	42	26	0.01	
Donaghadee	29.72	39	NE	4	6	29.73	+ .03	35	33	- .3	NW	3	6	1	40	34	0.07	
Parsonstown	29.79	30	NNW	1	6	29.79	+ .02	29	27	+ .5	N	0	0	*	37	22	-	
Barrow-in-Furness	29.60	30	NE	3	6	29.64	+ .08	34	33	- .3	N	2	6	1	37	33	-	
†Holyhead	29.65	41	NNE	5	6	29.69	+ .10	40	39	- .1	NNE	4	0	3	41	38	-	
Liverpool (Bidston)	29.38	36	NNW	4	6	29.65	+ .12	35	34	0	N	2	6	2	36	34	-	
†Valencia	29.83	37	NW	2	6	29.79	- .02	32	32	- .7	N	0	6	1	45	30	0.06	
Roche's Point	29.76	36	N	4	6	29.78	+ .07	30	29	- .5	N	2	6	3	42	28	-	
Pembroke																		
†Scilly	29.66	44	N	6	0	29.72	+ .18	42	39	- .1	N	2	0	4	45	39	0.05	
Prawle Point	29.61	34	NW	4	6	29.74	+ .41	32	31	- .3	NW	3	6	2	38	31	-	
Hurst Castle	29.48	36	NNE	3	0	29.69	+ .41	36	34	+ .1	NW	3	0	2	37	34	-	
†Dover	29.38	35	NW	3	6	29.65	+ .47	35	34	- .2	N	4	0	2	33	33	0.14	
†London	29.43	36	NNW	2	0	29.66	+ .40	34	34	0	WSW	2	0	*	37	34	-	
Oxford	29.51	35	NNW	3	0	29.66	+ .35	34	33	0	W	1	0	*	35	34	0.02	
Cambridge	29.44	33	NE	1	6	29.63	+ .32	34	33	+ .1	W	1	0	*	37	31	0.12	
†Yarmouth	29.32	38	N	5	0	29.53	+ .24	35	35	- .3	WSW	3	0	4	39	33	0.21	
The Helder	29.44	36	SE	3	2	29.51	+ .09	34	33	0	S	3	0	2	37	34	0.20	
Cape Gris Nez	29.38	37	W	8	0	29.65	+ .49	38	35	+ .5	WSW	4	6	3	39	?	0.24	
†Jersey	29.54	39	NW	5	0	29.73	+ .38	38	35	- .2	NW	2	6	3	41	36	0.45	
Brest	29.68	38	NW	4	0	29.78	+ .27	37	35	- .3	N	0	6	3	45	34	0.08	
Lorient	29.56	41	NNW	4	6	29.81	+ .29	41	38	- .1	NNW	3	6	2	45	36	-	
†Rochefort	29.70	44	NW	5	0	29.83	+ .20	39	38	- .2	S	4	0	2	48	34	0.20	
Biarritz	29.81	47	W	9	0	29.83	+ .09	45	42	+ .2	SW	7	0	4	50	39	0.04	
Cerunna														*	*	*	*	
Brussels						29.70	+ .35	36	36	+ .1	SSW	3	0	*	39	35	0.24	
Charleville	29.54	38	SSE	4	0	29.72	+ .31	36	34	+ .1	SSE	5	0	*	44	26	0.35	
Paris	29.54	39	SW	4	0	29.80	+ .38	35	34	- .1	SW	3	6	*	*	*	-	
Lyons														*				
Toulon																		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.34	31	NNE	4	6	28.39	+ .08	30	29	- .1	NNE	2	0	*	31	29	-	

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

Hawes Junction	28.34	31	NNE	4	3	28.39	+ .08	30	29	- .1	NNE	2	0	*	31	29	-
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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 ...	29.91	25	22	ENE	4	0	5	Valencia ...	29.84	42	39	NW	3	6	4
Sumburgh Head	29.84	35	34	SSE	4	0	4	Scilly ...	29.62	43	41	N	6	chg	6
Stornoway ...	29.78	33	31	WSW	3	6	2	Dover ..	29.26	35	34	NNE	4	0	2
Aberdeen ...	29.75	31	30	NNE	3	8	5	London ...	29.36	35	?	NW	4	0	*
Shields ...	29.60	37	36	ENE	6	2	6	Yarmouth ...	29.31	39	36	ENE	4	0	5
Ardrossan ...	29.72	36	36	NE	1	6	1	Jersey ...	29.46	39	37	NW	5	0	4
Mullaghmore ...	29.76	40	38	NNW	3	6	3	Rochefort ...	29.65	44	42	NW	8	0	4
Holyhead ..	29.64	41	37	NNE	6	0	4								

The barometer has fallen a little in the NE, but has continued to rise in all other districts. At Stornoway and Valencia the mist has backed somewhat, but in other places it has not changed much. Snow showers are reported from Down and hail squalls from Scilly.

EXPLANATION OF COLUMNS.

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

DAILY WEATHER REPORT

FOR

SUNDAY 10TH DECEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Sunday, 10th DECEMBER.

BAROMETER, WIND & SEA

Explanation of Map.

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

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

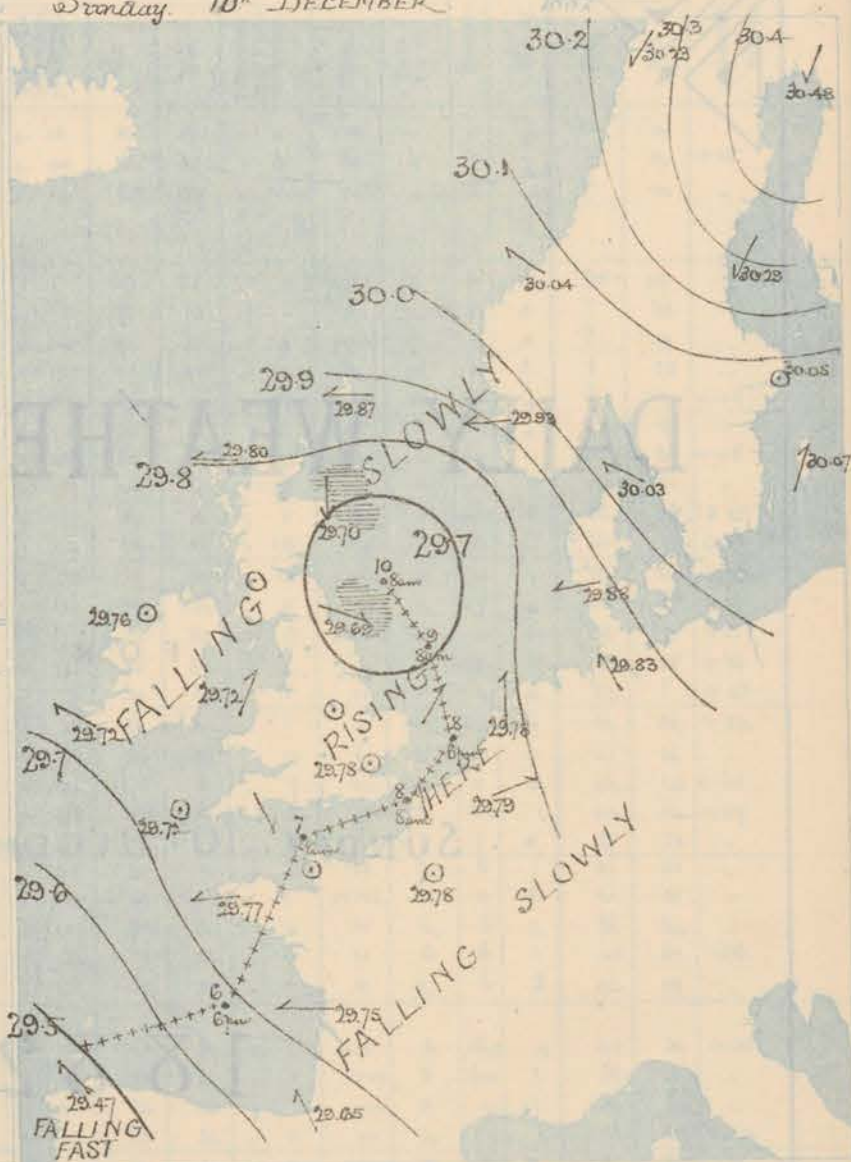
○ - dead calm.

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

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

Stations.	Mean Readings Inch
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.809
Greenisland	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.861

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

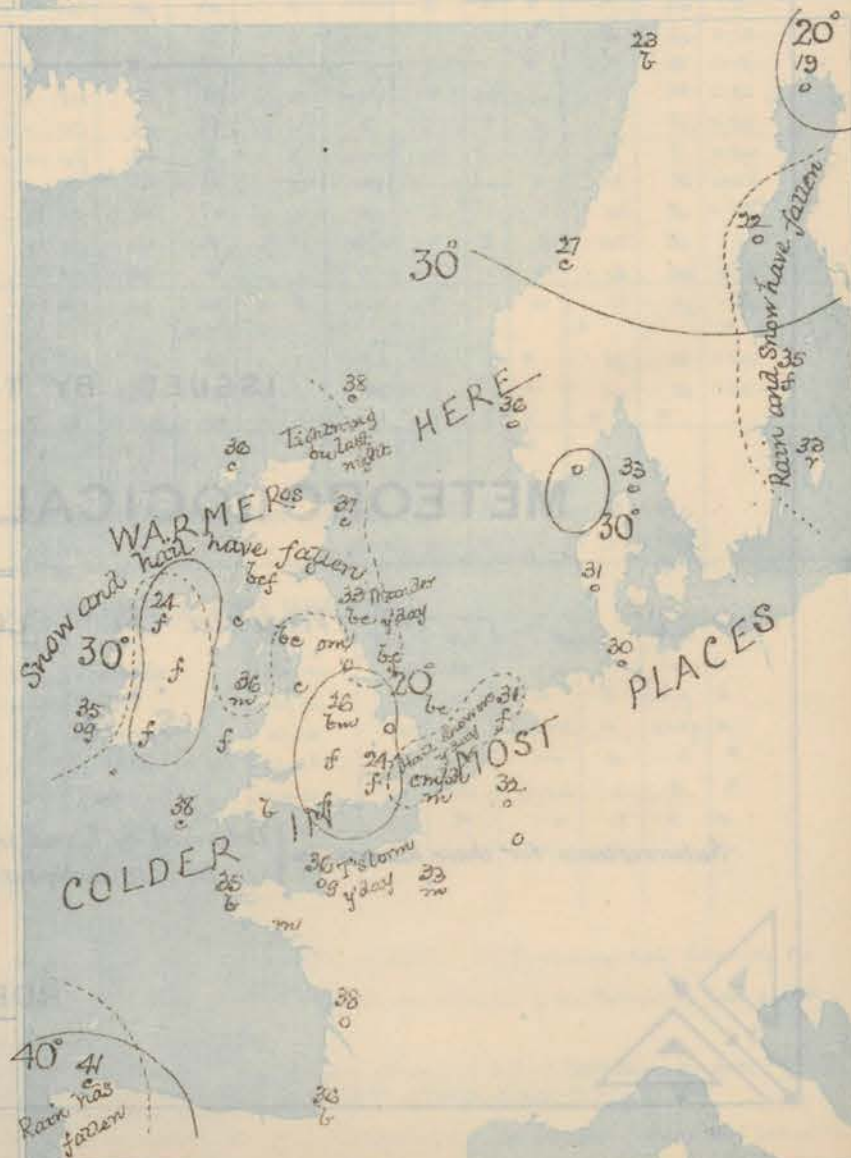
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

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

Stations	Temp.	Rain-fall
Sundburgh Head	41.2	5.32
Snowway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.29
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Paranstown	42.6	3.09
Valencia	43.6	6.22
Sally (St. Mary's)	46.7	4.02
Hurst Castle	43.2	?
Dover	41.0	5.59
LONDON	41.0	2.19
Yarmouth	40.3	3.42

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



REMARKS

for Sunday 10th DEC^r. 1882... at 8 a.m.

The depression which lay off the E. of England yesterday morning continues to move slowly N^W, and the barometer is consequently falling a little in Scotland, while it is rising decidedly in the E. and SE. of England. On our SW. coasts a separate fall is being occasioned by the advance of some new disturbance from the SW^W. On the shores of the North Sea the wind circulates round the centre of the depression, being E⁺ in the S of Norway and N of Scotland, NW and W⁺ on our E. coast, and S^W in the Netherlands. At Skudenes and Aberdeen it blows strongly. In the N. of France E^W or SE^W breezes have set in, but in all our own W. and S. districts light variable airs and calms are reported. The weather is cloudy and unsettled in the extreme N. with snow at Kain, and thick fog prevails at many of the English and Irish stations. Temperature has risen in the N. of Scotland, fallen elsewhere, and readings range from 38° at Scilly to 24° at Mullaghmore, Oxford and in London and 22° at Barmouth. The minimum at Mullaghmore has been as low as 19°. Sea is rough on our NE. coasts, slight 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

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH6 SCOTLAND
WEST2 SCOTLAND
EAST7 ENGLAND
N.W.3 ENGLAND
N.E.8 ENGLAND
S.W.4 ENGLAND
EAST9 IRELAND
NORTH5 MIDLAND
COUNTIES10 IRELAND
SOUTH6 ENGLAND
SOUTH

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR 10th DEC^r 1882

YESTERDAY EVENING.							8 A.M. TO DAY.										LAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.				
Haparanda	30.47	12	SSE	7	0	30.45	+ .16	19	19	+	9	NE	2	0	?	9	—			
Hernösand	30.30	27	NE	2	0	30.29	+ .05	21	21	—	1	SSE	4	0	?	?	0.32			
Stockholm	30.08	32	NNE	4	5	30.06	+ .02	35	24	+	8	Z	0	?	?	?	0.16			
Wisby	29.96	35	SE	2	0	30.07	—	33	32	—	8	SW	2	0	?	?	0.08			
Bodö	30.20	23	E	4	0	30.23	—	23	21	—	—	ENE	2	0	25	21	—			
Christiansund	30.10	23	ESE	1	0	30.04	+ .06	27	26	+	4	SE	3	0	27	19	—			
†Skudesnaes	29.96	33	E	6	0	29.98	+ .02	36	22	+	5	E	6	0	?	30	—			
Oxö (Xiansund)	29.99	25	NNE	6	0	29.94	— .01	28	28	+	6	NNE	6	0	?	22	—			
Skagen (The Skaw)	30.02	31	E	4	0	30.03	+ .04	33	33	+	6	ESE	3	0	34	25	—			
Fanö	29.86	29	SSE	4	0	29.88	+ .12	31	31	—	0	E	4	0	32	25	—			
Cuxhaven	29.75	31	SSE	2	0	29.83	+ .18	30	29	—	3	SE	2	0	?	25	—			
†Sumburgh Head	29.88	36	SE	3	0	29.87	+ .01	38	35	+	3	E	4	0	38	32	—			
†Stornoway	29.82	33	E	3	0	29.80	+ .02	36	35	+	7	E	3	0	36	27	—			
Wick	29.83	36	E	6	0	29.80	— .03	39	36	+	3	ESE	4	0	39	34	0.15			
Nairn	29.80	32	Z	0	0	29.76	— .04	30	32	+	7	Z	0	0	30	24	0.35			
†Aberdeen	29.74	36	N	3	0	29.70	— .04	37	35	—	2	N	6	0	39	34	0.29			
Leith	29.71	36	N	1	0	29.71	+ .02	34	33	+	1	N	1	0	35	31	0.42			
†Shields	29.66	35	N	3	0	29.69	+ .03	33	32	—	2	WNW	2	0	40	31	0.37			
Spurn Head	29.61	35	W	3	0	29.69	+ .08	35	34	—	0	W	3	0	37	33	0.02			
York	29.64	35	N	1	0	29.72	+ .08	30	30	—	4	W	1	0	36	27	0.01			
Loughborough	29.68	33	WNW	1	0	29.74	+ .06	26	26	—	6	Z	0	0	36	26	—			
†Ardrossan	29.75	35	Z	0	0	29.74	+ .02	30	30	—	0	Z	0	0	37	28	—			
†Mullaghmore	29.76	34	S	1	0	29.76	+ .01	24	24	—	7	SSE	1	0	41	19	—			
Donaghadee	29.75	35	N	3	0	29.74	+ .01	33	32	—	2	NNW	2	0	40	31	0.10			
Parsonstown	29.8	28	Z	0	0	29.80	+ .01	22	20	—	7	Z	0	0	29	21	—			
Barrow-in-Furness	29.68	34	N	1	0	29.72	+ .04	32	31	—	2	NE	2	0	39	30	—			
†Holyhead	29.7	37	NNW	2	0	29.72	+ .03	36	36	—	4	SSW	1	0	40	34	0.13			
Liverpool (Bidston)	29.70	37	NW	2	0	29.72	+ .02	31	30	—	4	NNW	1	0	38	31	—			
†Valencia	29.79	34	Z	0	0	29.72	— .07	35	35	+	3	ESE	3	0	45	30	0.27			
Roche's Point	29.79	36	NNW	1	0	29.76	— .02	27	27	+	3	NNE	2	0	42	25	—			
Pembroke	29.74	36	ENE	1	0	29.74	+ .02	30	30	—	1	NE	1	0	41	31	—			
†Scilly	29.72	42	NNW	1	0	29.72	— .06	38	38	+	4	Z	0	0	43	35	0.12			
Prawle Point	29.77	33	NW	2	0	29.76	+ .02	32	30	—	0	NNW	2	0	45	29	—			
Hurst Castle	29.74	33	NW	2	0	29.76	+ .02	26	26	—	10	NE	1	0	40	25	—			
†Dover	29.74	34	WNW	2	0	29.76	+ .11	35	34	—	0	NNE	2	0	38	30	0.06			
†London	29.74	32	N	1	0	29.78	+ .12	24	24	—	10	Z	0	0	34	24	—			
Oxford	29.75	31	W	1	0	29.78	+ .12	24	24	—	10	Z	0	0	35	24	—			
Cambridge	29.71	33	SW	1	0	29.76	+ .05	30	30	—	4	SW	1	0	37	25	—			
†Yarmouth	29.68	34	SW	3	0	29.75	+ .07	30	29	—	5	SW	2	0	36	28	—			
The Helder	29.73	35	S	4	0	29.78	+ .05	31	31	—	3	S	1	0	39	30	0.16			
Cape Gris Nez	29.75	38	WSW	4	0	29.76	+ .11	31	31	—	7	SSE	3	0	41	30	—			
†Jersey	29.75	38	E	1	0	29.74	+ .01	36	35	—	2	SE	1	0	40	33	0.24			
Brest	29.76	41	S	3	0	29.77	— .01	35	34	—	2	E	3	0	45	32	—			
Lorient	29.73	40	ESE	1	0	29.76	— .05	31	30	—	10	ESE	4	0	46	30	—			
†Roche fort	29.70	41	ESE	4	0	29.75	— .05	38	37	—	1	E	3	0	48	24	—			
Biarritz	29.77	44	WSW	8	0	29.68	— .15	36	32	—	9	SE	4	0	48	30	—			
Corunna	—	—	—	—	—	29.47	— .33	41	40	+	2	ESE	4	0	50	39	0.32			
Brussels	—	—	—	—	—	29.79	+ .09	32	31	—	4	WSW	1	0	39	31	—			
Charleville	29.82	35	SSW	4	0	29.74	+ .08	32	31	—	4	NNW	3	0	37	?	—			
Paris	29.84	35	SW	3	0	29.78	— .06	33	32	—	2	Z	0	0	—	—	—			
Lyons	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Toulon	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			

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

Hawes Junction	28.44	30	NE	2	0	28.46	—	30	29	0	NE	1	0	0	31	28	—
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	
Skudesnes ...	29.94	33	28	E	6	3	Valencia ...	29.79	44	42	Z	0	bm	1
Sumburgh Head	29.87	36	33	E	3	3	Scilly ...	29.72	43	38	NW	1	c	3
Stornoway ...	29.82	32	30	E	3	3	Dover ...	29.71	37	36	W	3	b	1
Aberdeen ...	29.74	38	36	NE	5	4	London ...	29.71	39	?	W	4	0	*
Shields ...	29.63	36	36	N	3	6	Yarmouth ...	29.62	36	35	WSW	3	og	3
Ardrossan ...	29.73	36	36	NE	0	0	Jersey ...	29.76	38	37	E	1	be	2
Mullaghmore ...	29.77	36	35	ENE	1	2	Roche fort ...	29.82	45	43	SE	3	0	2
Holyhead ...	29.72	40	37	N	3	3								

The barometer is rising slightly at all but our SW station and light or moderate winds prevail generally. At Rochefort the mercury is falling, and the wind has backed to SE. The weather is rainy at Shields (where also a thunderstorm has occurred) but fair in most other places. 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. 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).

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DAILY WEATHER REPORT

FOR

MONDAY, 11TH DECEMBER.

1882

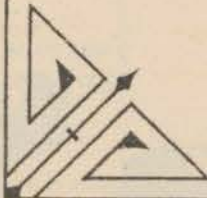
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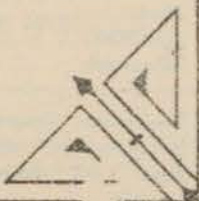
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ROBERT H. SCOTT
(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Monday 11th DECEMBER 1882

BAROMETER, WIND & SEA

Explanation of Map.

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

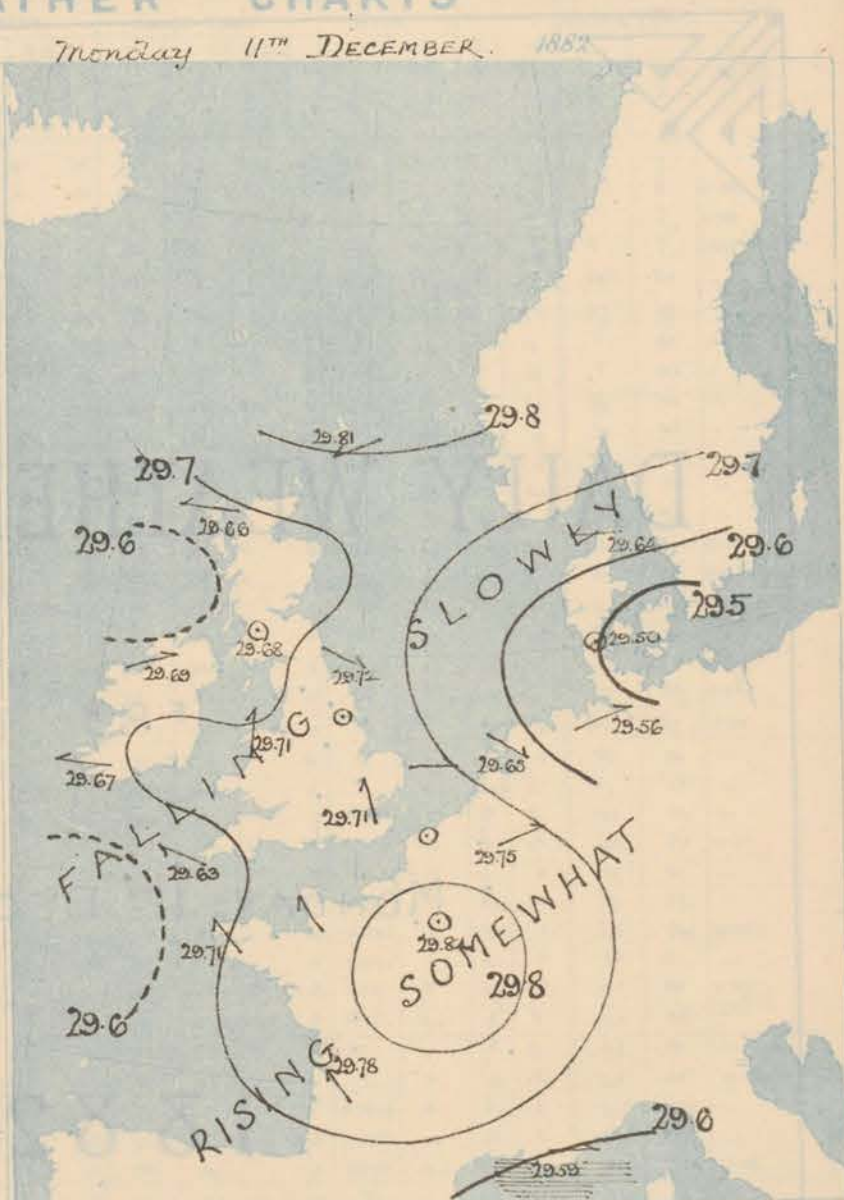
Wind Arrows show the prevalent winds.
They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10;
→ forces 5 to 7; → forces 1 to 4;
○ - dead calm.

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

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

Stations	Mean Readings Inch
Nairn	29.729
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.804
Greenacastle	29.794
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

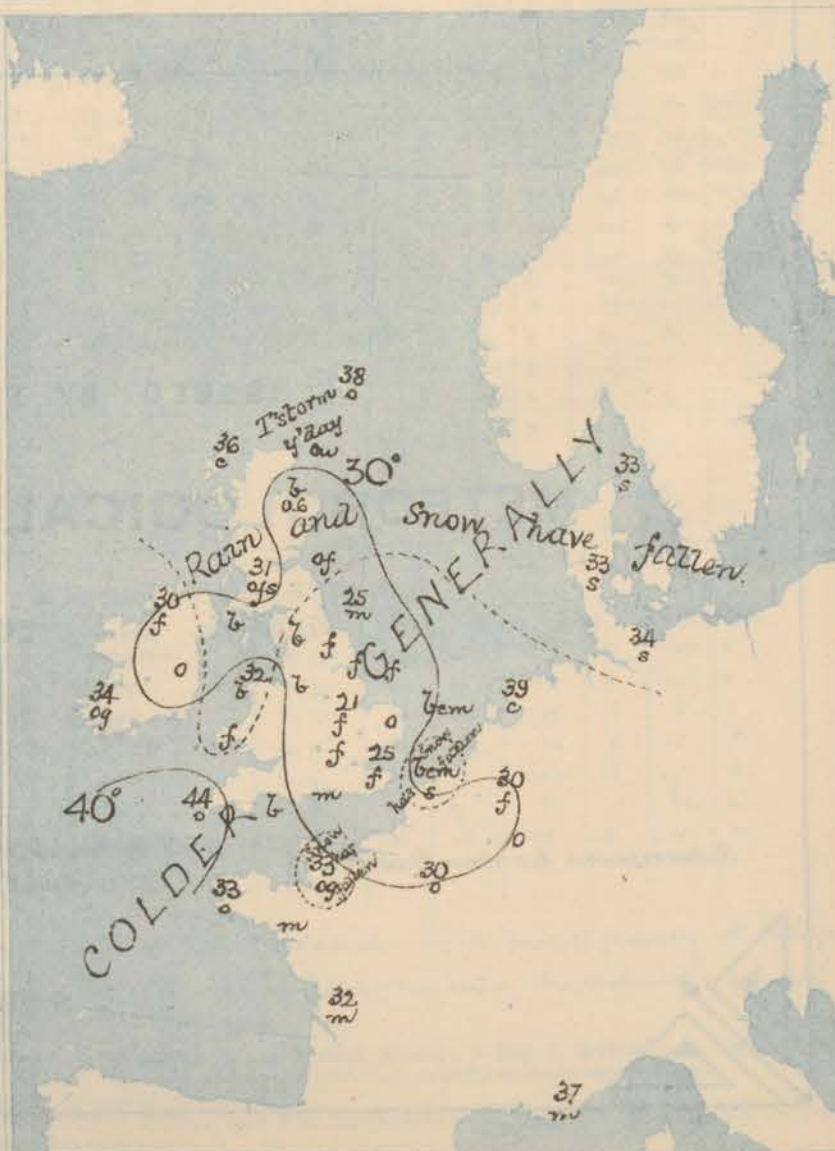
Explanation of Map.

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

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

Stations	Temp	Rain-fall
	°	inch
Sunbury Head	41.2	3.32
Stameway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valencia	45.6	6.22
Sally (St Mary's)	46.7	4.02
Hurst Castle	43.2	?
Dover	41.0	3.84
LONDON	41.0	2.19
Yarmouth	40.3	3.42

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



REMARKS

for Monday 11th DEC^r 1882 at 8 a.m.

The distribution of pressure this morning is very complicated. Areas of high readings are found to the Nth of Scotland and over France, while three depression systems exist:— one off the N. of Scotland, a second off our SW. coast and a third over Denmark. The barometer is rising a little over Central France, falling in most other districts. Moderate E^{ly} breezes prevail in the extreme N. of Scotland, and also on our SW. coast, but in all other localities the wind is extremely light and variable. Thick fog prevails over England and the S. of Scotland, and cloudy weather in most other districts. While in Denmark and North Germany snow is falling. Snow fell in Scotland yesterday, and a thunderstorm occurred at Wick. Temperature has again fallen and ranges from 44° at Tully to 20° at York and Oxford. The maxima registered yesterday were low generally; in London the thermometer did not exceed 27°. The sea is moderate or smooth on all our coast.

MAP SHOWING DISTRICTS



FORECASTS

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

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

DISTRICTS

FORECASTS

11	SCOTLAND NORTH	E ^{ly} winds, moderate or fresh; cloudy. Some snow.
1	SCOTLAND EAST	Light variable breezes; dull, some mist or fog.
2	ENGLAND N.E.	----- D° ----- D° ----- D°
3	ENGLAND EAST	Same as N° 5
4	MIDLAND COUNTIES	Same as N° 5.
5	ENGLAND SOUTH	Variable airs finally E ^{ly} ; cold, foggy.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	Variable airs, unsettled. Some snow.
7	ENGLAND N.W.	SE ^{ly} or E ^{ly} winds, light; fair to cloudy and unsettled.
8	ENGLAND S.W.	E ^{ly} winds, moderate or fresh; cloudy. Some snow.
9	IRELAND NORTH	Same as N° 6
10	IRELAND SOUTH	Same as N° 8.
WARNINGS		NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

11th 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														*					
Hernösand														*					
Stockholm														*					
Wisby														*					
Bodö														*					
Christiansund																			
†Skudesnaes																			
Oxö (Christiansund)																			
Skagen (The Skaw)	29.95	31	ESE	3	S	29.64	- .39	33	32	0	E	3	S	2	34	28	0.08		
Fanö	29.67	33	E	4	O	29.50	- .38	33	33	+ 2	Z	0	S	*	?	30	0.32		
Cuxhaven	29.65	33	SE	2	O	29.56	- .27	34	34	+ 4	WSW	1	S	*	34	27	-		
†Sumburgh Head	29.83	38	E	5	C	29.81	- .06	38	35	0	ESE	3	O	4	39	35	0.06		
†Stornoway	29.77	36	NNE	3	bc	29.66	- .14	36	36	0	E	4	C	3	39	34	0.05		
Wick	29.66	38	E	7	O	29.73	- .07	37	36	- 2	SE	4	bc	4	40	35	0.37		
Nairn	29.67	34	NE	2	A	29.68	- .08	27	27	- 6	Z	0	bc	2	37	27	0.68		
†Aberdeen	29.58	38	N	4	C	29.71	+ .01	30	29	- 7	W	1	bc	4	38	29	0.15		
Leith	29.66	33	W	1	O	29.70	- .01	26	25	- 8	WNW	1	O	*	37	23	0.02		
†Shields	29.70	32	WNW	2	bc	29.72	+ .03	25	24	- 8	WNW	2	m	3	35	22	-		
Spurn Head	29.71	34	WSW	2	bc	29.72	+ .03	27	27	- 8	WNW	2	f	2	35	27	-		
York	29.73	31	N	1	bc	29.75	+ .03	20	26	- 10	NNW	1	f	*	35	19	-		
Loughborough	29.75	25	Z	0	bc	29.76	+ .02	21	21	- 5	NNW	1	f	*	37	21	-		
†Ardrossan	29.71	29	Z	0	bc	29.68	- .06	31	31	+ 1	NE	1	O	1	36	24	-		
†Mullaghmore	29.74	28	Z	0	O	29.69	- .07	30	29	+ 6	WSW	1	f	2	35	23	-		
Donaghadee	29.73	34	WNW	1	C	29.69	- .05	27	27	- 6	W	2	bc	0	38	26	0.03		
Parsonstown	29.72	22	Z	0	f	29.73	- .07	21	20	- 1	Z	0	O	*	24	12	-		
Barrow-in-Furness	29.61	32	ESE	1	bc	29.71	- .01	28	28	- 4	NE	1	bc	1	37	27	-		
†Holyhead	29.71	36	SW	2	bc	29.71	- .01	32	31	- 4	S	2	bc	1	39	31	0.01		
Liverpool (Bidston)	29.72	30	NNW	1	C	29.72	+ .00	24	23	- 7	SE	2	bc	1	36	24	-		
†Valencia	29.68	38	Z	0	bc	29.67	- .05	34	33	- 1	E	1	O	1	40	29	-		
Roche's Point																			
Pembroke	29.73	34	ESE	2	f	29.71	- .03	33	32	0	E	2	f	0	37	31	0.05		
†Scilly	29.70	40	Z	0	bc	29.63	- .09	44	39	+ 6	ESE	4	O	4	46	36	-		
Prawle Point	29.74	33	N	2	bc	29.74	- .02	32	31	0	NNE	3	bc	2	39	29	-		
Hurst Castle	29.74	26	NE	1	f	29.75	- .01	25	25	- 1	ESE	2	m	1	36	22	-		
†Dover	29.74	34	NNE	2	bc	29.75	- .01	30	29	- 5	NNE	3	bc	1	37	28	0.03		
†London	29.77	26	Z	0	f	29.77	- .01	25	25	+ 1	SSE	1	f	*	27	24	-		
Oxford	29.70	24	Z	0	f	29.78	+ .00	20	20	- 4	WNW	1	f	*	33	20	-		
Cambridge	29.76	29	Z	0	bc	29.78	- .01	23	23	- 7	Z	0	O	*	33	20	-		
†Yarmouth	29.73	32	Z	0	bc	29.73	- .02	28	28	- 2	W	2	bc	3	33	27	-		
The Helder	29.73	31	WNW	1	bc	29.65	- .13	30	37	+ 8	WNW	1	C	1	39	30	-		
Cape Gris Nez	29.76	33	ESE	1	m	29.75	- .01	32	32	+ 1	Z	0	S	0	41	28	-		
†Jersey	29.94	34	SSE	1	bc	29.75	+ .01	33	33	- 3	SSE	2	O	2	41	32	0.02		
Brest	29.78	35	ESE	3	bc	29.71	- .06	33	33	- 2	SE	4	O	3	45	32	-		
Lorient	29.77	31	SE	4	f	29.73	- .03	32	31	+ 1	ESE	5	m	3	39	27	-		
†Rocheport	29.73	?	E	?	?	29.78	+ .03	32	30	- 6	SE	5	m	2	45	27	-		
Biarritz																			
†Corunna	*	*	*	*	*	29.36	- .69	40	39	- 1	SE	4	bc	2	32	34	-		
Brussels	*	*	*	*	*	29.75	- .04	30	?	- 2	WSW	3	f	*	32	29	?		
Charleville	29.70	32	E	4	O	29.71	- .03	31	29	- 1	E	3	O	*	45	?	-		
Paris	29.75	33	N	1	O	29.84	+ .06	30	20	- 3	Z	0	O	*	*	*	-		
Lyons														*					
Toulon	29.63	42	NW	5	bc	29.69	- .07	36			W	3	m	5	48	36	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.46	29	NNW	1	O	28.46	+ .00	18	17	- 12	S	1	f	*	31	15	-		

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.94	37	32	ESE	4	e	3	Valencia					
Sumburgh Head								Scilly					
Stornoway								Dover					
Aberdeen								London					*
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rocheport					
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 Charts.

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DAILY WEATHER REPORT

F O R

TUESDAY, 12TH DECEMBER.

1882

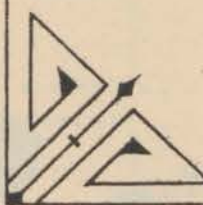
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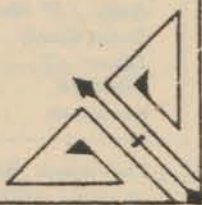
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ROBERT H. SCOTT
(SECRETARY.)



Fred^l Dungenfield, 11th St. Bedford St. (near Garden)

WEATHER CHARTS

for 8 a.m. on Tuesday 12TH DECEMBER 1882

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 3 to 4

○ dead calm.

Sea Disturbance, where considerable is

shown by shading round the coast, thus

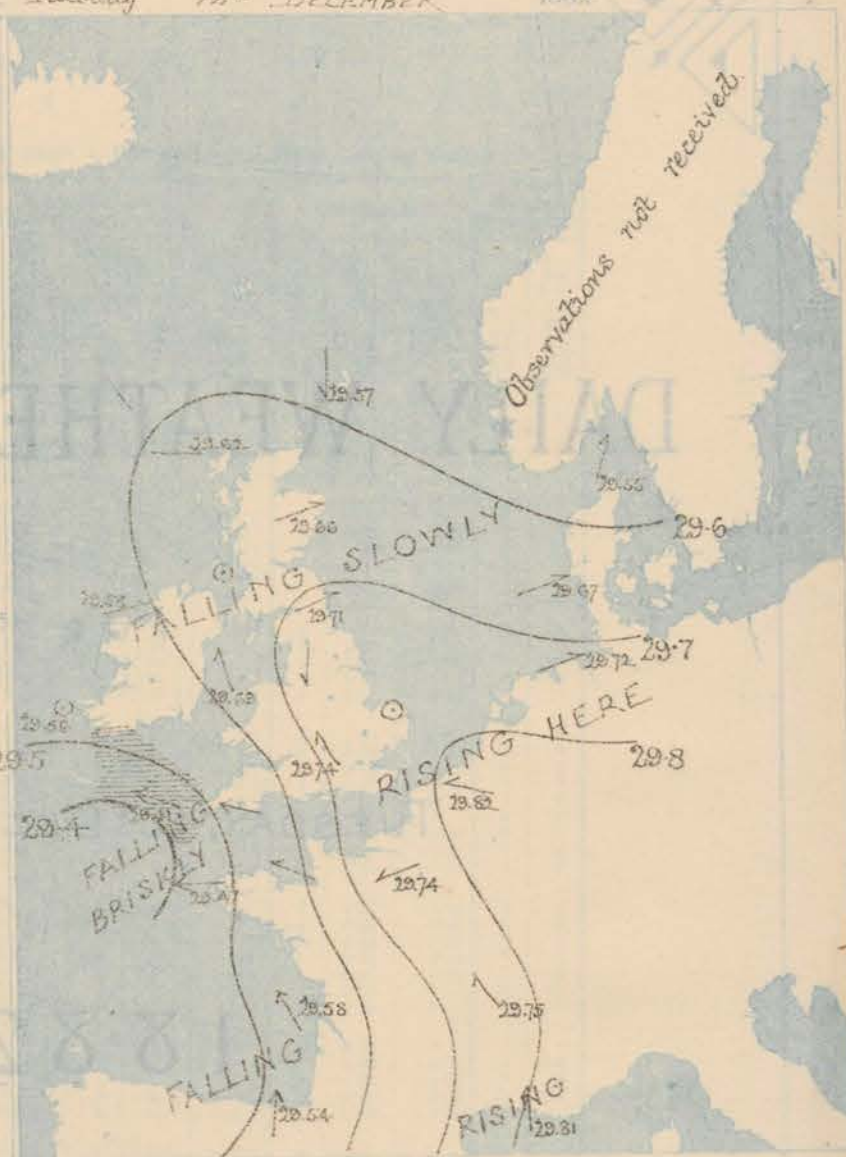
▨ Rough; ▨ High.

MEAN* HEIGHT of the BAROMETER

for the month of December.

Stations.	Mean Readings
Nairn	29.729
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.809
Greenacastle	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt	29.837
Plymouth	29.932
LONDON	29.916
Varmouth	29.881

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for

each 10°. Changes in temperature since

previous morning are stated in words.

Weather. Letters of the Beaufort Scale

show state of Weather at 8 a.m.

Rainfall. A dotted line separates the

districts in which rain has fallen from

those where there has been none.

Falls of 0.5 in. or more, are quoted

in figures.

MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of December.

Stations	Temp.	Rain-fall
Sundburgh Head	41.2	3.35
Stornoway	41.5	6.09
Aberdeen	39.5	2.98
Shields	39.7	2.29
York	39.8	2.67
Mullaglanore	42.0	?
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valencia	43.6	6.22
Sally (St Mary's)	46.7	4.02
Thurst Castle	43.2	?
Dover	41.1	3.54
LONDON	41.0	2.19
Varmouth	40.5	3.42

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



REMARKS

for Tuesday 12th DEC^r 1882 at 8 a.m.

Of the three depressions which were found within our area yesterday morning two have entirely disappeared, while ^{the} third still lies off our SW. coast, and is apparently increasing in depth. The distribution of pressure is therefore less complex than it was yesterday, readings being highest over Belgium and relatively low to the N^W and SW^W of our Islands. Light or moderate SW^W winds prevail in Denmark, and W^W breezes in the N. of Scotland, but at all our more E^W stations calms or variable airs are reported, while in the S. and SW. moderate or fresh E^W or SE^W breezes prevail. Fog continues at many of the English stations and also in the S. of Scotland, but in the S. it has cleared off and the sky there is very cloudy. Temperature has risen a little at the more S. stations, fallen quickly in the N. and readings now range from 43° at Scilly to 17° at Kain and Aberdeen. Very low minimum temperatures were registered last night, especially in Scotland; at Kain and Aberdeen the thermometer fell to 15° and at Leith to 14°.

The sea is rather rough in the SW. moderate to smooth elsewhere.

MAP SHOWING
DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the

13th DECEMBER

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Light airs, chiefly W ^W ; fair on the whole.
2 SCOTLAND EAST	D° ——— D° ——— D°
3 ENGLAND N.E.	Variable airs to SE ^W breezes, moderate; cold and foggy at first then milder and weather clearing.
4 ENGLAND EAST	D° ——— D° ——— D°
5 MIDLAND COUNTIES	D° ——— D° ——— D°
6 ENGLAND SOUTH	SE ^W winds, moderate; cloudy, probably some snow.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Light variable airs, foggy, cold.
7 ENGLAND N.W.	SE ^W or E ^W breezes, moderate; foggy to cloudy, some snow.
8 ENGLAND S.W.	E ^W winds, fresh or strong; cloudy, showery.
9 IRELAND NORTH	Same as N° 6.
10 IRELAND SOUTH	E ^W winds, moderate; fair on the whole.
WARNINGS	None Issued.

METEOROLOGICAL OBSERVATIONS FOR

18th 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.	Sun. (0 to 9).		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).				Max.	Min.	
Haparanda																			
Hernösand																			
Stockholm																			
Wisby																			
Bodö																			
Christiansund																			
†Skudesnaes																			
Oxö (Xtiansund)																			
Skagen (The Skaw)	29.55	33	SSW	3	O		29.55	-.09	33	33	0	SSW	3	O	2		34	30	0.16
Fanö	29.59	34	WSW	2	b		29.67	+.17	34	33	+.1	WSW	3	b			34	32	0.20
Cuxhaven	29.60	?	WSW	2	b		29.72	+.16	33	33	0	WSW	4	O	*		34	27	-
†Sumburgh Head	29.67	35	NNE	4	b		29.57	-.24	33	30	-.5	N	2	b	2		39	31	-
†Stornoway	29.68	36	SE	4	b		29.62	-.04	28	28	0	W	3	b	3		40	24	-
Wick	29.69	36	E	1	b		29.63	-.10	27	27	0	NW	1	b	2		39	25	0.20
Nairn	29.68	22	Z	0	b		29.64	-.04	17	17	0	Z	0	b	2		29	15	-
†Aberdeen	29.68	29	W	1	c		29.66	-.05	17	16	-.13	WSW	1	b	3		33	15	0.27
Leith	29.69	20	WNW	1	c		29.67	-.03	20	20	0	Z	0	f	*		31	14	-
†Shields	29.70	26	NW	2	m		29.71	-.01	22	21	-.3	WSW	1	f	3		30	20	-
Spurn Head																			
York	29.72	20	N	1	f		29.74	-.01	18	18	0	N	1	f	*		22	16	-
Loughborough	29.76	21	NW	1	f		29.74	-.02	21	21	0	Z	0	am	*		23	17	-
†Ardrossan	29.69	29	ENE	1	b		29.67	-.01	25	25	0	NE	1	of	1		33	21	0.01
†Mallaghmore	29.63	33	SW	1	b		29.58	-.11	29	28	-.1	WSW	1	b	2		34	28	-
Donaghadee	29.69	25	W	2	b		29.64	-.05	35	35	0	SW	1	O	0		36	23	0.09
Parsonstown	29.68	32	Z	0	b		29.60	-.13	28	27	-.1	Z	0	f	*		32	20	-
Barrow-in-Furness	29.71	28	NE	1	b		29.68	-.03	27	27	0	NE	1	c	1		31	27	-
†Holyhead	29.69	36	SE	1	b		29.73	+.08	31	29	-.2	SEE	1	f	0		39	29	-
Liverpool (Bidston)	29.71	25	SEE	2	b		29.68	-.04	22	21	-.1	SEE	3	f	2		30	17	-
†Valencia	29.63	32	ESE	2	og		29.56	-.11	30	29	-.1	Z	0	b	1		37	28	-
Roche's Point	29.62	35	ESE	4	m		29.54	-.10	36	36	0	E	5	cg	5		38	34	0.90
Pembroke	29.67	34	E	3	m		29.55	-.16	36	35	-.1	E	4	cm	3		37	32	0.01
†Scilly	29.36	41	SEE	6	O		29.41	-.22	43	41	-.2	ESE	5	op	6		44	39	0.06
Prawle Point	29.67	41	SEE	4	O		29.55	-.19	38	36	-.2	ESE	5	O	4		41	30	0.03
Hurst Castle	29.73	33	ESE	2	m		29.64	-.11	35	34	-.1	SEE	4	O	2		37	24	-
†Dover	29.75	37	SW	3	b		29.75	0.00	31	30	-.1	SEE	3	cg	2		37	29	-
†London	29.76	26	SE	1	f		29.74	-.03	30	30	0	SE	2	f	*		20	25	-
Oxford	29.76	20	E	1	f		29.70	-.08	27	27	0	Z	0	f	*		27	18	-
Cambridge	29.76	26	Z	0	b		29.75	-.01	29	29	0	Z	0	O	*		35	17	-
†Yarmouth	29.73	28	W	1	bm		29.77	+.04	26	25	-.1	Z	0	b	2		32	22	-
The Helder	29.73	39	WN	3	b		29.79	+.14	31	31	0	S	1	f	1		41	32	-
Cape Gris Nez																			
†Jersey*	29.70	35	SEE	3	cm		29.57	-.18	32	31	-.1	ESE	4	cm	4		35	30	-
Brest	29.56	34	SE	7	f		29.47	-.24	33	32	-.1	E	7	O	4		36	32	0.32
Lorient	29.64	36	SE	2	O		29.51	-.22	34	31	-.3	ESE	7	m	4		37	28	-
†Rochefort	29.55	32	SE	5	O		29.38	-.23	32	32	0	SE	7	O	2		29	25	-
Biarritz	29.66	39	E	4	b		29.54	-.18	45	41	-.4	S	7	O	2		48	39	-
Corunna	*	*	*	*	*												*	*	*
Brussels	*	*	*	*	*		29.82	+.07	28	27	-.1	ESE	3	f	*		31	26	-
Charleville	*	*	*	*	*		29.76	+.05	30	27	-.3	E	1	b	*		33	28	-
Paris	29.83	30	Z	0	O		29.74	-.10	31	30	-.1	ENE	4	O	*		*	*	-
Lyons	29.78	31	NNW	3	O		29.75	-.03	29	28	-.1	SE	1	m	*		34	28	-
Toulon	29.63	39	NE	3	b		29.81	+.22	41	37	-.4	S	1	O	5		41	37	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.46	22	ESE	2	b		28.44	-.02	16	14	-.2	NE	1	b	*		25	15	-

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	29.61	34	33	NNE	4	3	Valencia	29.64	35	34	Z	0	1
Sumburgh Head	29.74	37	34	NE	2	3	Scilly	29.58	44	39	ESE	5	5
Stornoway	29.68	33	37	E	4	3	Dover	29.74	38	32	SE	1	1
Aberdeen	29.70	35	32	Z	0	3	London	29.66	28	?	Z	0	*
Shields	29.69	30	30	WNW	1	3	Yarmouth	29.72	32	31	W	2	3
Ardrossan	29.68	33	32	NE	1	1	Jersey	29.74	32	32	SE	3	3
Mullaghmore	29.67	34	34	ESE	1	2	Rochefort	29.80	33	32	SE	5	2
Holyhead	29.70	39	36	SEE	2	1							

The barometer is falling at all stations excepting Rochefort - briskly at Skudesnaes. Moderate E breeze continues in the extreme N. and Sw. and variable air in all other districts. Thick fog still prevails in London, while at Aberdeen a heavy snowstorm has set in.

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).

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DAILY WEATHER REPORT

F O R

WEDNESDAY, 13TH DECEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 13TH DECEMBER 1882

BAROMETER, WIND & SEA

Explanation of Map.

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

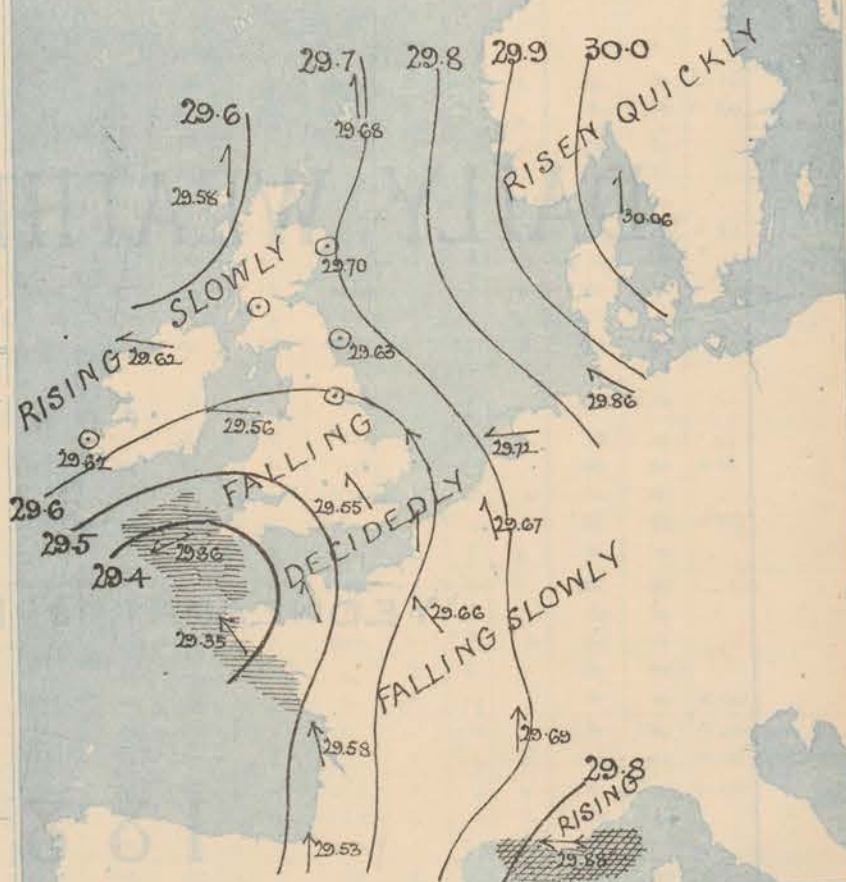
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus: — forces above 10; — forces 8 to 10; — forces 5 to 7; — forces 1 to 4; ○ — dead calm.

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

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

Stations.	Mean Readings Ins.
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.804
Greencastle	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.832
LONDON	29.916
Yarmouth	29.881

* These means are for the 10 years 1866-76. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

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

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

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

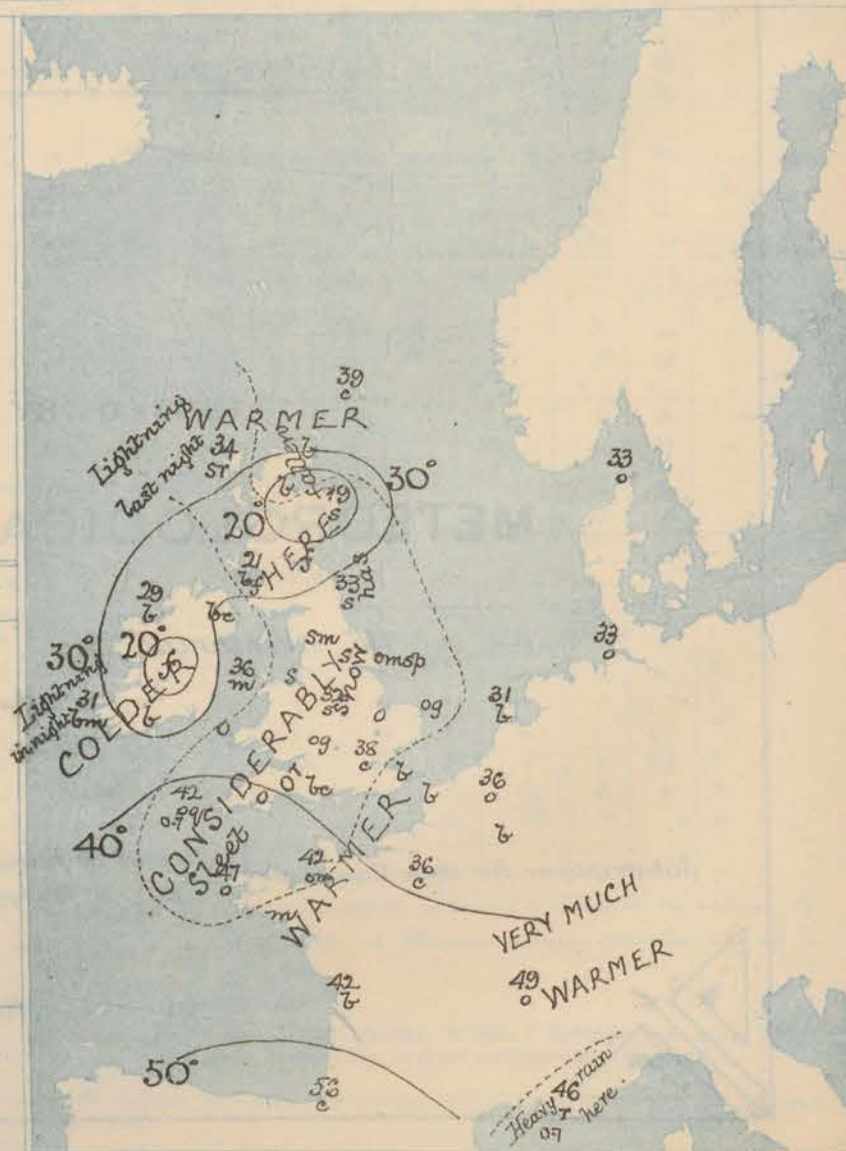
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of December

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	41.2	3.32
Sarnoway	41.5	6.00
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valencia	43.6	6.22
Scilly (St Mary's)	46.7	4.02
Ilurst Castle	43.2	?
Dover	41.0	3.54
LONDON	41.0	2.19
Yarmouth	40.3	3.42

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



REMARKS

for WEDNESDAY 13th DEC^r 1882 at 8 a m

The depression which lay off our SW. coast yesterday morning, has advanced slowly in an E^{ly} or SE^{ly} direction, and is now found at the entrance of the Channel. The barometer has consequently fallen at all the more southern stations, but in the NE. of Scotland a slight rise is in progress. Our Scandinavian reports have not yet arrived. S^{ly} or SE^{ly} winds prevail in France and the S. of England, but on our N. and SW. coasts E^{ly} or NE^{ly} breezes are reported. In the NE. calms or variable airs prevail. The weather is fine in Ireland and the N. of Scotland, cloudy elsewhere, with snow over the northern and midland districts. In the course of the past 24 hours snow or sleet has fallen in many places, while heavy rain has occurred at Scilly. Temperature has fallen in the W., but risen several degrees in the E. and S., and readings now range from 47° at Howle Point to 18° at Kairn and Rannochtown. At Kairn and Aberdeen the maximum temperature yesterday was only 22°. The sea is rough at Scilly, moderate or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the14th DECEMBER.

(ISSUED AT 11 a m. on previous day)

DISTRICTS

FORECASTS

11 SCOTLAND NORTH	S ^{ly} winds, moderate; cloudy, unsettled.
1 SCOTLAND EAST	Calms or SE ^{ly} airs; cloudy, unsettled, some snow or sleet.
2 ENGLAND N E	-----D°-----D°-----D°-----
3 ENGLAND EAST	SE ^{ly} and E ^{ly} winds, light or moderate; cloudy, some sleet.
4 MIDLAND COUNTIES	-----D°-----D°-----D°-----
5 ENGLAND SOUTH	SE ^{ly} and S ^{ly} winds, moderate; fair on the whole.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	NE ^{ly} winds, light; fair, foggy.
7 ENGLAND N.W.	E ^{ly} or NE ^{ly} winds, moderate; fair on the whole.
8 ENGLAND S W	E ^{ly} and NE ^{ly} winds, moderate and fresh; cloudy.
9 IRELAND NORTH	Same as No 6
10 IRELAND SOUTH	Same as No 7.
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

13th 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.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.	Temp. in shade.	Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.					Max.	Min.	
Haparanda																	
Hernösand																	
Stockholm																	
Wisby																	
Bodö																	
Christiansund																	
†Skudesnaes																	
Oxö (Xiänsund)																	
Skagen (The Skaw)	29.86	32	WSW	4	b	29.06	+ .51	33	32	0	S	4	0	3	34	28	-
Faro																	
Cuxhaven	29.94	32	S	2	0	29.86	+ .14	33	32	0	SE	4	0	*	?	27	-
†Sumburgh Head	29.89	35	Z	0	b	29.68	+ .11	39	35	+ 6	S	4	0	3	39	30	-
†Stornoway	29.89	33	SW	3	b	29.58	- .04	34	34	+ 6	S	4	25	4	36	26	0.41
Wick	29.64	31	S	1	b	29.66	+ .03	34	32	+ 7	W	1	6	1	34	25	-
Nairn	29.62	15	Z	0	b	29.68	+ .04	18	18	+ 1	Z	0	6	1	22	15	-
†Aberdeen	29.69	15	WSW	1	b	29.70	+ .04	19	18	+ 2	Z	0	S	2	22	10	0.14
Leith	29.70	22	Z	0	f	29.67	- .03	27	26	+ 7	Z	0	f	*	27	12	-
†Shields	29.73	26	SW	2	f	29.63	- .08	33	33	+ 11	Z	0	f	2	33	19	0.05
Spurn Head	29.69	38	SE	4	0	29.59	- .10	34	34	+ 8	SE	2	comp	3	39	24	0.07
York	29.74	25	NNE	1	0	29.60	- .14	32	32	+ 14	NNE	1	S	*	32	18	0.14
Loughborough	29.68	30	ESE	3	0	29.57	- .11	32	31	+ 11	ESE	1	S	*	32	21	0.18
†Ardrossan	29.67	28	NE	1	b	29.65	- .02	21	21	- 4	NE	1	65	1	30	18	0.02
†Mullaghmore	29.57	38	SSW	4	0	29.62	+ .04	29	28	0	E	2	6	2	40	28	-
Donaghadee	29.63	32	SSW	1	0	29.63	- .01	26	24	+ 1	ESE	2	6	0	39	31	0.04
Parsonstown	29.61	23	NNE	1	b	29.66	+ .06	18	17	- 10	Z	0	f	*	28	10	-
Barrow-in-Furness																	
†Holyhead	29.60	33	SE	1	b	29.56	- .04	36	35	+ 5	E	3	3m	2	37	30	-
Liverpool (Bidston)	29.66	30	ESE	3	0	29.58	- .08	32	32	+ 10	E	1	S	2	32	22	0.19
†Valencia	29.55	34	N	2	bm	29.62	+ .06	31	30	+ 1	Z	0	6m	1	43	26	-
Roche's Point	29.54	34	E	4	c	29.57	+ .03	28	28	- 8	NNE	4	6	4	40	27	-
Pembroke	29.53	38	E	3	0	29.49	- .04	33	32	- 3	ESE	2	0	2	36	33	0.02
†Scilly	29.37	41	E	5	h	29.36	- .01	42	39	- 1	NE	7	0	6	43	39	0.70
Prawle Point	29.49	38	E	4	h	29.41	- .08	49	46	+ 9	SE	3	0	4	47	35	0.13
Hurst Castle	29.57	37	SE	4	0	29.49	- .08	44	42	+ 9	SW	2	6	2	45	34	0.10
†Dover	29.69	36	SE	4	b	29.59	- .10	41	40	+ 10	SSW	4	6	2	41	30	-
†London	29.67	32	ESE	4	0	29.55	- .12	38	37	+ 8	SE	2	0	*	39	30	0.04
Oxford	29.63	30	E	3	0	29.52	- .11	35	35	+ 8	E	1	0	*	35	?	0.10
Cambridge	29.67	33	SE	1	0	29.55	- .12	35	34	+ 6	Z	0	0	*	35	27	0.01
†Yarmouth	29.72	36	ESE	6	bc	29.61	- .11	39	38	+ 13	SE	5	0	4	39	24	0.02
The Helder	29.82	30	ESE	3	bc	29.72	- .10	31	30	- 1	ESE	3	6	2	32	28	-
Cape Gris Nez	29.70	29	ESE	4	b	29.56	- .14	36	35		S	4	6	2	?	25	-
†Jersey	29.50	36	ESE	4	sm	29.45	- .05	42	40	+ 10	SE	4	om	3	42	31	0.16
Brest	29.41	40	SE	4	h	29.35	- .06	47	46	+ 14	SE	5	0	5	?	33	0.24
Lorient	29.46	39	SE	5	m	29.41	- .05	44	42	+ 10	SE	7	m	5	?	32	-
†Rochefort	29.59	43	SSW	7	b	29.58	- .01	42	41	+ 10	SSW	7	6	2	45	27	-
Biarritz	29.57	52	SSW	5	c	29.53	- .04	50	50	+ 11	S	5	c	2	55	?	-
Corunna	*	*	*	*	*			*	*						*	*	*
Brussels	*	*	*	*	*	29.67	- .15	36	34	+ 8	SSW	1	0	*	?	?	-
Charleville	29.72	32	ESE	7	b	29.71	- .01	32	32	+ 2	E	7	6	*	36	26	-
Paris	29.69	34	E	3	0	29.66	- .03	36	34	+ 5	SE	3	c	*	*	*	-
Lyons	29.75	45	SSW	7	0	29.69	- .06	49	46	+ 20	S	7	0	*	?	?	-
Toulon	29.87	47	SSW	5	0	29.88	+ .01	46	46	+ 5	E	9	h	7	50	41	0.71
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.45	25	E	1	b	28.35	- .10	28	27	+ 12	ESE	1	sm	*	28	15	0.04

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...							Valencia ...	29.53	41	39	SE	3	bm	3
Sumburgh Head	29.58	33	32	Z	0	c	Scilly ...	29.38	41	40	E	5	r	6
Stornoway ...	29.60	31	31	WSW	3	b	Dover ..	29.70	34	33	SE	4	bc	3
Aberdeen ...	29.67	22	20	WSW	1	b	London ...	29.68	34	?	ESE	3	om	*
Shields ...	29.69	28	28	WSW	2	f	Yarmouth ...	29.74	36	34	ESE	4	bc	4
Ardrossan ...	29.66	29	28	NE	1	bc	Jersey ...	29.51	34	32	SE	4	0	3
Mullaghmore ...	29.55	37	35	SSW	4	omg	Rochefort ...	29.49	39	37	SSW	7	0	2
Holyhead ...	29.62	37	31	ESE	4	bc								

The barometer is falling at all stations excepting Sumburgh Hd. and Aberdeen, but the winds are little changed. Fair weather prevails in most places, and at Aberdeen, with a clear sky, temperature is only 22°. At Scilly, however, rain is falling.

EXPLANATION OF COLUMNS.

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

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

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

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DAILY WEATHER REPORT

F O R

THURSDAY, 14TH DECEMBER.

1882

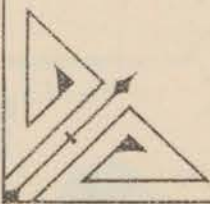
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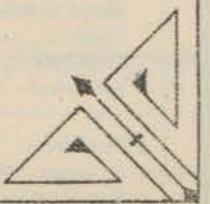
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ROBERT H. SCOTT

(SECRETARY.)



Printed by Longfield, 14, 22, Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Tuesday 14th DECEMBER 1882

BAROMETER, WIND & SEA

Explanation of Map.

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

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

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

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

○ dead calm.

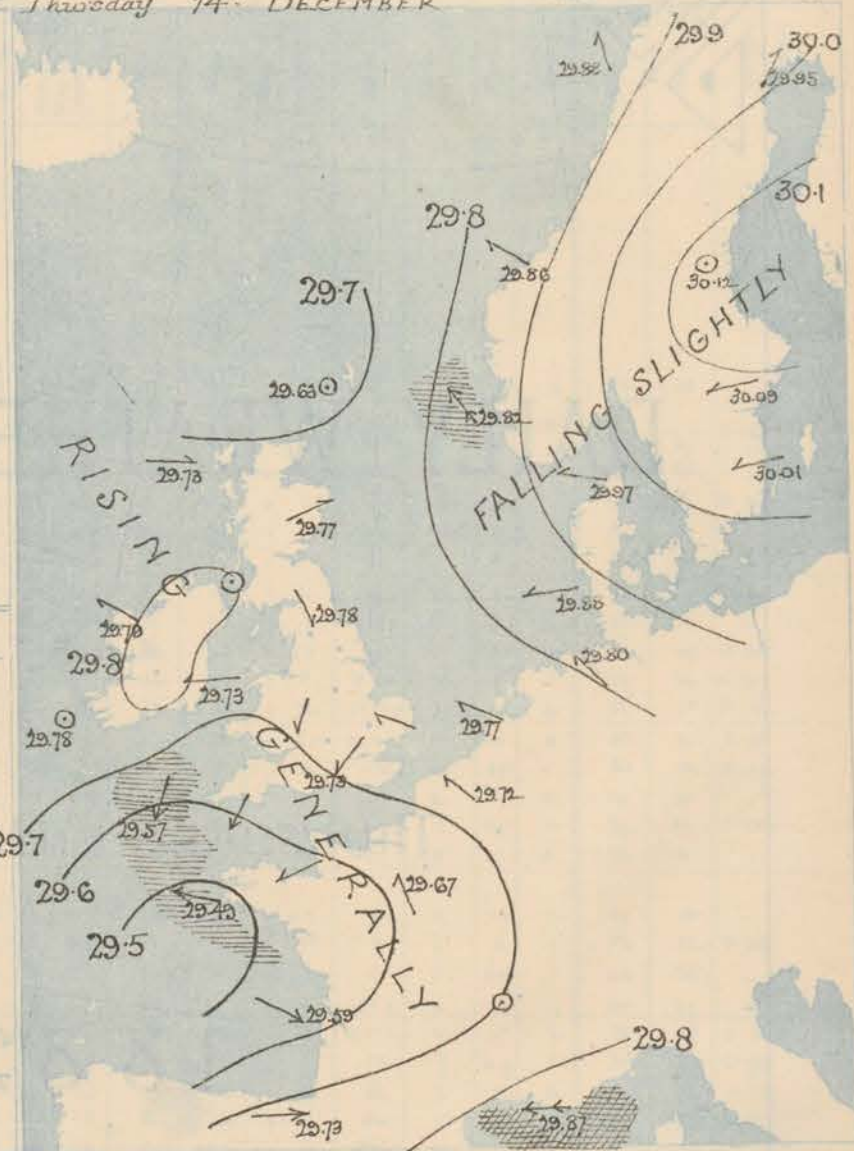
Sea Disturbance, where considerable, is shown by shading round the coast, thus — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of December.

Stations	Mean Readings
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.809
Greencastle	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.851

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

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

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

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

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

MEANS* OF TEMPERATURE AND RAINFALL

for the month of December.

Stations	Temp.	Rain-fall.
Sumburgh Head	41.2	3.32
Sarnoway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.75
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Purwestown	42.6	3.08
Valencia	43.6	6.22
Sally (St Mary's)	46.7	4.02
Hurst Castle	45.2	?
Dover	41.0	3.54
LONDON	41.0	2.19
Yarmouth	40.3	3.42

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



REMARKS

for Thursday 14th December 1882 at 8 a.m.

The small depression which lay at the mouth of the Channel yesterday morning has travelled slowly S^{wd}, and is now found off the NW. of France, in which position it appears to be filling up. The barometer is consequently rising somewhat at our own and the French stations, but in the Southern parts of Scandinavia pressure is inclined to give way. On the Est shores of the North Sea the wind is generally from E. or SE, & on our S and SW coasts NEst, but in the SW of France Wst winds are reported, while in the more Nth parts of our Islands there are variable air or calms. The sky is clear in the N of Scotland, and at some of the Irish stations, cloudy elsewhere, with fog or mist in many places, and rain at Pembroke & in the SW of France. Snow fell in several places in the Nth district yesterday, & heavy rain at Scilly. The changes in temperatures are very irregular, but the weather over our Islands continues cold, especially in the N. At Aberdeen the reading is only 14°, at Perth 18°, & at Naism 19°. The maximum for the past 24 hours at Naism was only 20°. The sea is rough at the mouth of the Channel, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
15th December

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH Light airs, chiefly Wst; weather fair and very cold

2 SCOTLAND EAST Dst Dst Dst

3 ENGLAND NE Variable airs; dull, misty

4 ENGLAND EAST Same as N^o 5

5 MIDLAND COUNTIES Same as N^o 5

6 ENGLAND SOUTH Est or NEst winds, light; foggy, cold

DISTRICTS

FORECASTS

6 SCOTLAND WEST Same as N^o 2

7 ENGLAND N.W. Same as N^{os} 3 to 5

8 ENGLAND S.W. NEst and Nst winds, moderate; cloudy, some fog

9 IRELAND NORTH Variable airs; fair generally, but local fogs.

10 IRELAND SOUTH NEst winds, light; fair generally

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 14th DECEMBER 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	29.87	30	SW	4	b	29.95	+ .08	28	27	- 5	SW	4	bc	*	34	27	-		
Hernösand	30.12	17	Z	0	b	30.12	+ .19	24	?	- 8	Z	0	b	*	25	16	-		
Stockholm	30.18	32	ENE	2	o	30.09	- .06	33	33	+ 3	E	2	f	*	36	28	0.04		
Wisby	30.08	34	E	2	r	30.01	- .09	36	36	+ 3	E	2	o	*	37	30	0.28		
Bodö	29.64	36	SW	4	o	29.88	+ .45	32	32	- 1	S	2	o	1	37	32	-		
Christiansund	29.96	34	ESE	3	b	29.86	+ .11	31	36	- 5	SE	1	o	4	27	27	-		
†Skudesnaes	29.87	37	SE	6	r	29.82	- .07	40	37	+ 3	SE	8	o	5	?	37	-		
Oslo (Kjansund)	29.96	35	E	6	o	29.94	- .02	36	36	-	ENE	6	o	3	36	34	-		
Skagen (The Skaw)	30.02	34	ESE	4	o	29.97	- .09	34	33	+ 1	ESE	3	o	2	34	27	-		
Fanö	29.87	32	ESE	4	b	29.88	- .04	31	31	0	E	4	o	*	32	28	-		
Cuxhaven	29.79	34	SSE	2	o	29.80	- .06	33	33	0	SE	3	o	*	34	28	-		
†Sumburgh Head	29.70	39	SSE	4	o	29.63	- .08	38	37	- 1	NNE	1	o	3	40	34	0.20		
†Stornoway	29.63	31	WNW	2	bc	29.73	+ .15	25	25	-	W	2	b	2	34	22	0.23		
Wick	29.65	29	Z	0	bc	29.74	+ .08	27	26	- 1	NW	1	b	1	37	24	-		
Nairn	29.62	17	Z	0	b	29.72	+ .04	19	19	+ 1	Z	0	b	1	20	14	-		
†Aberdeen	29.65	25	WSW	1	bm	29.77	+ .07	14	13	- 1	WSW	1	b	2	27	12	0.04		
Leith	29.66	26	NW	1	o	29.78	+ .11	18	17	- 1	WNW	1	of	*	28	17	0.10		
†Shields	29.62	34	NW	2	m	29.78	+ .15	31	31	- 2	NNW	2	m	3	35	27	0.15		
Spurn Head	29.60	37	NW	2	f	29.72	+ .13	41	41	+ 7	E	1	om	3	41	34	0.02		
York	29.62	33	N	1	s	29.76	+ .16	33	33	+ 1	N	1	o	*	33	31	0.16		
Loughborough	29.61	33	NW	2	d	29.73	+ .16	33	33	+ 1	NNE	1	ogm	*	33	32	0.09		
†Ardrossan	29.65	26	NE	1	o	29.80	+ .15	24	24	+ 3	NE	1	of	1	32	19	-		
†Mullaghmore	29.66	35	W	1	o	29.79	+ .17	28	28	- 1	ESE	2	f	3	38	27	-		
Donaghadee	29.68	31	NE	1	b	29.80	+ .17	28	28	- 8	W	1	b	0	38	27	-		
Parsonstown	29.73	20	Z	0	f	29.83	+ .17	21	20	+ 3	Z	0	f	*	23	14	-		
Barrow-in-Furness	29.61	32	NNE	1	bc	29.76	+ .17	32	32	+ 1	NE	2	o	1	35	27	-		
†Holyhead	29.61	40	NNE	4	o	29.73	+ .17	38	36	+ 2	E	3	m	2	40	35	-		
Liverpool (Bidston)	29.63	33	E	1	o	29.76	+ .18	31	31	- 1	E	1	sf	1	33	31	0.15		
†Valencia	29.70	34	N	2	bm	29.78	+ .16	28	27	- 3	Z	0	bc	1	37	26	-		
Roche's Point	29.65	31	NE	4	bc	29.76	+ .19	29	28	+ 1	NNE	4	b	4	38	27	-		
Pembroke	29.58	34	NNE	2	o	29.67	+ .18	36	36	+ 3	NNE	2	r	1	36	32	0.25		
†Scilly	29.43	43	NNE	6	r	29.57	+ .21	46	45	+ 4	NNE	6	o	6	46	41	0.91		
Frawle Point	29.53	47	E	3	o	29.61	+ .20	44	44	- 3	NE	5	f	4	47	42	-		
Hurst Castle	29.53	43	ESE	2	bc	29.65	+ .16	40	40	- 4	ESE	3	m	3	48	40	-		
†Dover	29.61	45	SSE	3	b	29.69	+ .10	41	40	0	NE	2	bc	1	47	37	-		
†London	29.59	42	ESE	1	f	29.73	+ .18	38	38	0	NE	1	fg	*	40	38	-		
Oxford	29.62	36	NE	1	o	29.72	+ .20	34	34	- 1	NE	2	m	*	42	34	-		
Cambridge	29.60	36	Z	0	o	29.71	+ .16	33	32	- 2	Z	0	f	*	43	30	-		
†Yarmouth	29.62	40	S	3	bc	29.72	+ .11	41	40	+ 2	ESE	2	b	2	41	38	0.01		
The Helder	29.73	32	ESE	1	b	29.77	+ .05	33	33	+ 2	ESE	1	b	1	36	30	-		
Cape Gris Nez																			
†Jersey	29.52	44	ESE	2	b	29.57	+ .12	45	43	+ 3	ESE	2	cm	2	46	42	-		
Brest	29.40	50	SSE	5	o	29.49	+ .14	47	46	0	ESE	5	o	5	50	45	0.08		
Lorient	29.48	49	S	5	b	29.54	+ .13	46	45	+ 2	SSE	4	o	5	54	41	-		
†Rochefort	29.58	47	SSE	5	b	29.59	+ .01	50	46	+ 8	WNW	7	r	2	54	36	0.59		
Biarritz	29.52	53	SW	4	r	29.73	+ .20	57	48	- 8	W	7	r	3	57	45	0.95		
Cosunna	*	*	*	*	*			*							*	*	*		
Brussels	*	*	*	*	*	29.72	+ .05	36	35	0	SE	3	m	*	42	32	0.08		
Charleville	? 29.71	35	ESE	4	b	29.72	+ .01	27	?	- 5	ESE	4	c	*	39	?	-		
Paris	29.65	41	SE	1	b	29.67	+ .01	40	38	+ 4	SSE	3	of	*	*	*	0.08		
Lyons	29.74	46	ENE	7	o	?	?	42	40	- 7	ENE	1	b	*	52	39	0.16		
Toulon	29.80	49	E	9	o	29.87	- .01	50	49	+ 4	E	8	o	7	50	46	2.04		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.39	27	E	1	om	28.51	+ .16	31	30	+ 2	ENE	1	cm	*	31	25	0.15		

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes	29.91	37	33	SE	6	o	4	Valencia ...	29.66	37	35	NNE	2	cm	3
Sumburgh Head	29.70	39	37	SSE	4	o	4	Scilly ...	29.40	43	42	NE	6	r	6
Stornoway	29.60	33	33	WSW	1	c	2	Dover ..	29.58	45	43	S	4	b	3
Aberdeen	29.65	24	23	Z	0	sm	2	London	29.53	46	42	ESE	2	cf	*
Shields	29.58	34	34	Z	0	m	2	Yarmouth	29.59	41	40	SSE	3	c	4
Ardrossan	29.65	29	29	Z	0	c	0	Jersey ...	29.46	45	43	SSE	4	bc	3
Mullaghmore	29.64	37	35	Z	0	bm	0	Rocheport	29.57	50	47	SSE	5	b	2
Holyhead	29.50	38	36	ENE	5	mg	2								

The barometer continues to fall in the E. and NE. but is rising a little in the W. and N. The winds are scarcely changed. Snow is falling at Aberdeen and rain has set in at Scilly, while in London the weather has become foggy. The sea is smooth 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).

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DAILY WEATHER REPORT

FOR

FRIDAY, 15TH DECEMBER.

1882

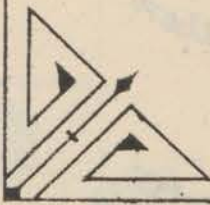
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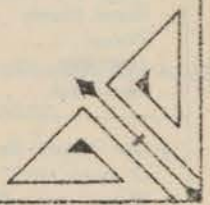
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Friday, 15th DECEMBER 1882

BAROMETER, WIND & SEA

Explanation of Map.

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

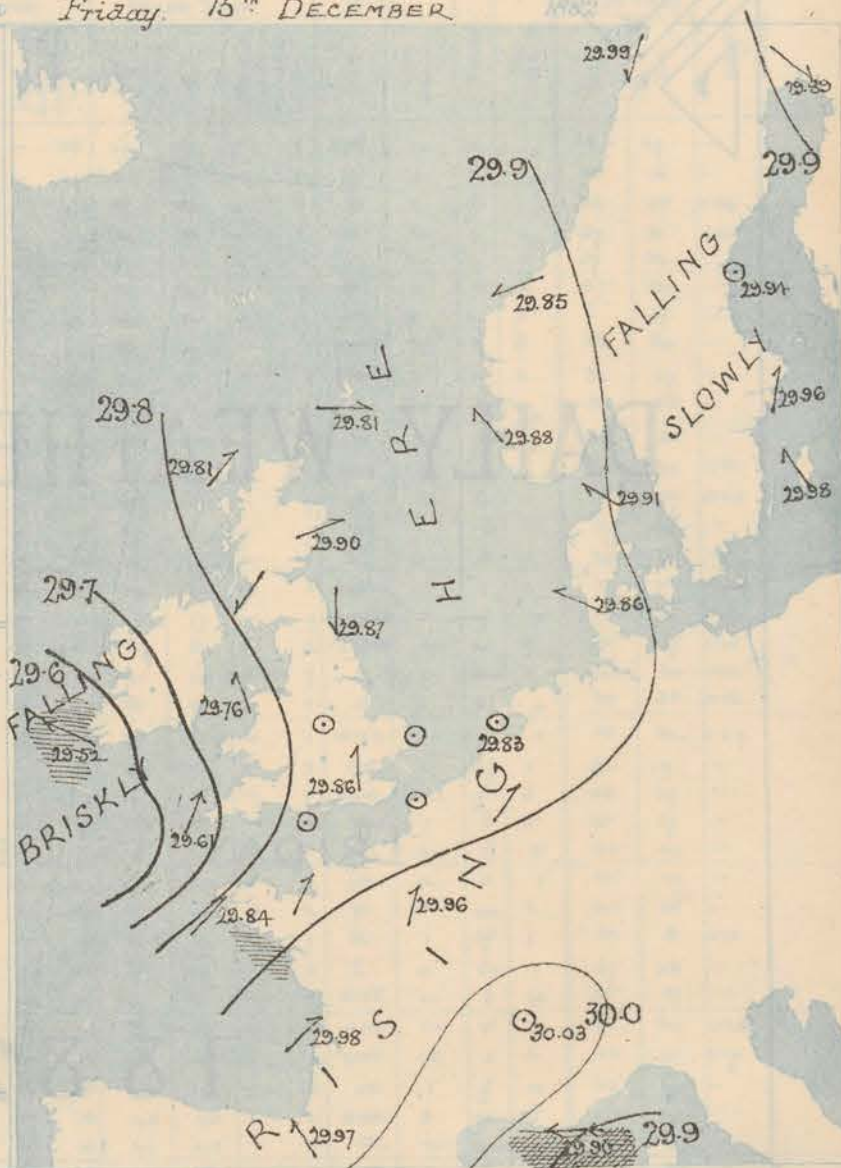
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10
 → forces 5 to 7; → forces 1 to 4.
 ⊙ = dead calm.

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

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

Stations	Mean Readings
Nairn	29.729
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.809
Greenock	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.857
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

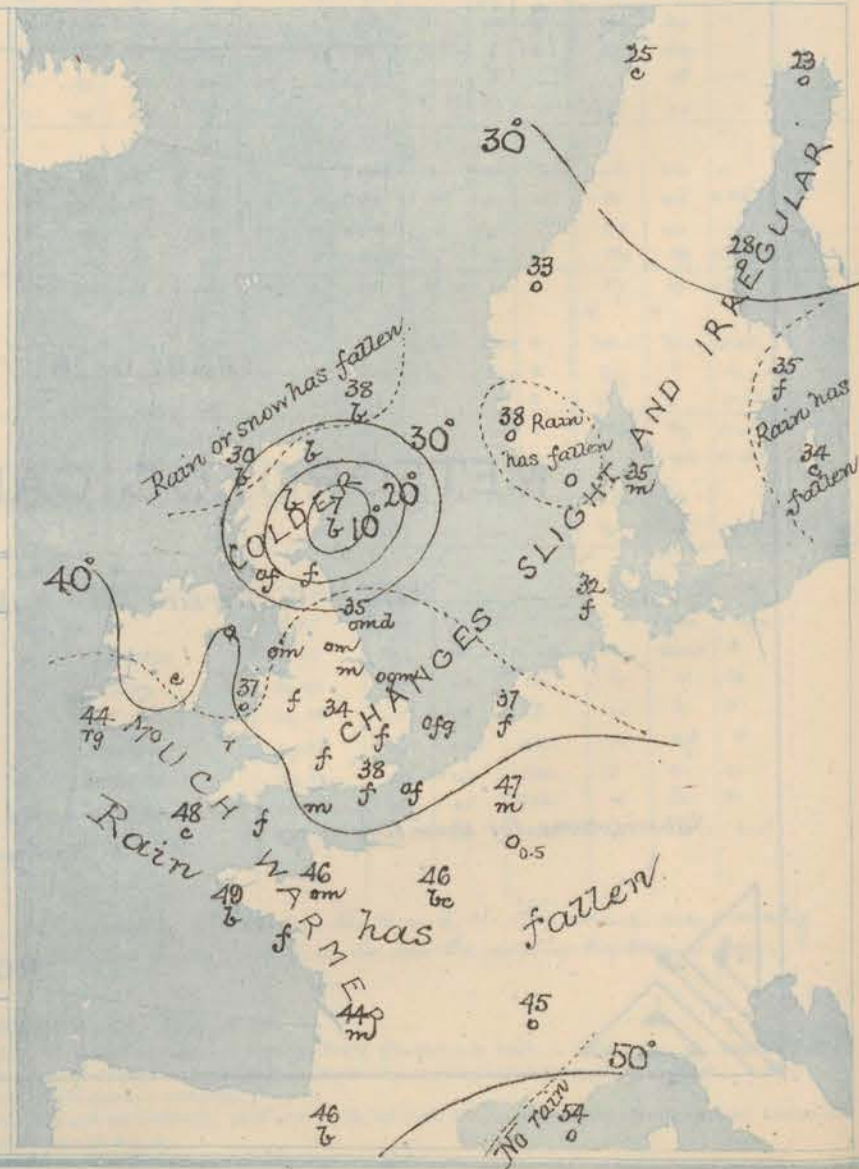
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
 Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
 Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls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

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of December

Stations	Temp.	Rain-fall
Sunbury Head	41.2	3.32
Stornoway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.17
Parsonstown	42.6	3.08
Valencia	43.6	6.22
Sally (St Mary's)	46.7	1.02
Hurst Castle	43.2	?
Dover	41.0	3.54
LONDON	41.0	2.19
Yarmouth	40.3	3.82

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



REMARKS

for Friday 15th DEC^r 1882 at 8 a.m.

The depression which lay off the NW. of France yesterday morning has entirely disappeared, but a new and more important disturbance is apparently advancing towards our SW. coast and the barometer is falling quickly in the extreme W. In the E. and N. of our Islands as well as over France the mercury is rising, but the area of high pressure over Scandinavia is going away, and readings are becoming highest in the S. of France. Increasing S^w and SE^w winds are reported from our W. and SW. coasts, and SW^w breezes from the W. of France, but in the N. and E. of our Islands calms or variable airs still prevail. Clear and intensely cold weather continues in Scotland, the 8 am readings being as low as 7° at Aberdeen, 11° at Leith, and 12° at Kilm. At Aberdeen and Leith the thermometers fell to 6° last night. In the E. and N. of England the weather is foggy and in the S. of Ireland dull and rainy, temperatures in both countries being considerably higher than in Scotland. At Scilly the thermometer stands at 48°. The range of temperature over the British Isles this morning is therefore as much as 41°. The sea is rough at Valencia, moderate or smooth on all other parts of our coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the16th DECEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Variable airs to moderate SE ^w breezes; weather turning milder and becoming cloudy.
2 SCOTLAND EAST	-----D°-----D°-----D°-----
3 ENGLAND NE	Variable to SE ^w breezes; dull foggy, some rain.
4 ENGLAND EAST	Same as N° 5
5 MIDLAND COUNTIES	Same as N° 5
6 ENGLAND SOUTH	S ^w or SE ^w breezes, light to moderate or fresh; foggy to cloudy, some rain.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as N° 2
7 ENGLAND N.W.	SE ^w winds, moderate or fresh; cloudy, some snow or sleet.
8 ENGLAND S.W.	S ^w and SE ^w winds, increasing; cloudy.
9 IRELAND NORTH	Same as N° 7.
10 IRELAND SOUTH	SE ^w or S ^w winds, strong, perhaps a gale; dull, rainy.
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

15th DEC.

1882

YESTERDAY EVENING.										8 A.M. 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 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	29.95	29	SW	4	b	29.89	+ 0.06	23	22	- 5	NW	2	0	*	30	19	-					
Hernösand	30.06	19	Z	0	b	29.94	- 0.18	28	27	+ 4	Z	0	0	*	?	?	-					
Stockholm	30.02	35	ESE	2	A	29.96	- 0.13	35	35	+ 2	SW	2	f	*	36	30	0.08					
Wisby	30.00	29	SE	2	0	29.98	- 0.03	34	34	- 2	SSE	2	c	*	37	?	0.08					
Bodö	29.88	31	NNE	4	0	29.99	+ 0.11	25	25	- 7	NNE	2	c	1	32	23	-					
Christiansund	29.83	32	SE	1	c	29.85	- 0.01	33	32	+ 2	ENE	3	0	3	36	28	-					
†Skudesnaes	29.84	39	SE	6	A	29.88	+ 0.06	31	37	- 2	SE	4	0	4	41	?	-					
Oxö (Klansund)	29.91	34	NNE	4	A	29.88	- 0.06	37	36	+ 1	E	2	0	2	?	34	0.08					
Skagen (The Skaw)	29.95	35	Z	0	0	29.91	- 0.06	35	35	+ 1	ESE	2	m	1	36	32	-					
Fanö	29.87	32	SSE	4	0	29.86	- 0.02	32	32	+ 1	ESE	2	f	*	32	?	-					
Cuxhaven																						
†Sumburgh Head	29.70	39	W	3	c	29.81	+ 0.18	38	35	0	W	3	b	3	40	35	0.12					
†Stornoway	29.76	32	WSW	3	b	29.81	+ 0.08	30	30	+ 5	SW	1	b	2	39	22	0.03					
Wick	29.67	25	Z	0	b	29.87	+ 0.13	29	28	+ 2	W	1	b	1	32	25	-					
Nairn	29.79	26	Z	0	b	29.81	+ 0.09	12	12	- 7	Z	0	b	1	26	11	-					
†Aberdeen	29.84	15	WSW	1	b	29.90	+ 0.13	7	7	- 7	WSW	1	b	2	20	6	-					
Leith	29.85	18	NW	1	c	29.89	+ 0.11	11	10	- 7	Z	0	f	*	21	6	-					
†Shields	29.83	33	N	2	b	29.87	+ 0.09	35	35	+ 4	N	2	omd	3	35	31	0.16					
Spurn Head	29.75	41	NNE	1	0	29.82	+ 0.10	41	40	0	ENE	1	omg	3	42	37	-					
York	29.79	34	N	1	0	29.85	+ 0.09	34	34	+ 1	N	1	m	*	34	32	0.07					
Loughborough	29.76	34	NNE	1	f	29.84	+ 0.11	34	34	+ 1	Z	0	offd	*	35	33	0.02					
†Ardrossan	29.85	24	NE	1	of	29.84	+ 0.04	21	21	- 3	NE	3	of	2	30	18	-					
†Mullaghmore																						
Donaghadee	29.85	30	NW	1	b	29.78	- 0.02	40	40	+ 12	ESE	3	0	1	40	23	-					
Parsonstown	29.86	19	Z	0	f	29.67	- 0.16	36	35	+ 15	Z	2	0	*	?	13	-					
Barrow-in-Furness	29.78	35	NNE	1	c	29.80	+ 0.04	37	36	+ 5	NE	2	om	1	37	32	0.05					
†Holyhead	29.78	41	E	3	c	29.76	+ 0.03	37	36	- 1	SE	2	0	1	41	35	-					
Liverpool (Bilston)	29.79	34	NNE	1	0	29.80	+ 0.04	34	34	+ 3	ESE	3	f	2	35	31	0.06					
†Valencia	29.78	32	Z	0	b	29.52	- 0.26	44	43	+ 16	ESE	7	ag	6	45	27	0.11					
Roche's Point	29.78	30	N	4	b	29.61	- 0.15	46	45	+ 17	S	5	omd	4	46	27	0.08					
Pembroke	29.74	38	NE	2	0	29.74	+ 0.07	42	42	+ 6	SE	3	A	2	42	35	0.01					
†Scilly	29.68	48	Z	0	om	29.61	+ 0.04	48	46	+ 2	SSW	5	0	4	48	45	0.12					
Prawle Point	29.73	38	N	3	0	29.79	+ 0.18	45	45	+ 1	E	3	f	3	45	37	0.04					
Hurst Castle	29.72	37	ENE	3	A	29.63	+ 0.18	37	37	- 3	NNE	1	m	1	44	36	0.06					
†Dover	29.69	43	E	1	om	29.84	+ 0.15	40	39	- 1	ENE	1	of	0	49	39	0.04					
†London	29.75	39	NE	2	ag	29.86	+ 0.13	38	38	0	S	1	f	*	41	38	-					
Oxford	29.79	34	NE	1	0	29.86	+ 0.14	34	34	0	Z	0	f	*	36	33	0.01					
Cambridge	29.79	35	NW	1	f	29.85	+ 0.14	35	35	+ 2	NW	1	f	*	37	31	-					
†Yarmouth	29.72	41	NNE	2	b	29.84	+ 0.12	40	39	- 1	Z	0	offg	2	42	35	0.01					
The Helder	29.76	36	ESE	1	0	29.83	+ 0.06	37	37	+ 4	SSE	1	f	1	37	?	0.04					
Cape Gris Nez	29.71	42	Z	0	A	29.83		44	44		SSE	1	f	0	45	39	0.08					
†Jersey	29.69	46	E	1	m	29.83	+ 0.26	46	46	+ 1	SW	1	om	1	47	43	0.02					
Brest	29.73	49	Z	0	0	29.84	+ 0.35	49	44	+ 2	SW	4	b	4	50	45	0.04					
Lorient	29.69	?	W	4	0	29.88	+ 0.34	49	44	+ 3	WSW	5	f	5	53	43	0.08					
†Rochefort	29.82	51	WSW	5	c	29.08	+ 0.39	44	43	- 6	SW	4	m	2	54	37	0.12					
Biarritz	29.95	59	W	5	b	29.97	+ 0.26	46	45	- 5	SE	3	b	2	?	39	0.04					
Corunna	*	*	*	*	*			*	*						*	*	*					
Brussels	*	*	*	*	*	29.89	+ 0.17	47	46	+ 11	SW	3	m	*	?	?	0.08					
Charleville	29.78	45	S	4	0	29.78	+ 0.06	44	42	+ 17	S	4	0	*	46	?	0.51					
Paris	29.71	46	SE	3	0	29.93	+ 0.26	46	45	+ 6	SSW	3	b	*	*	*	0.12					
Lyons	29.91	52	SSE	3	A	29.03	?	45	44	+ 3	NW	1	0	*	55	?	0.08					
Toulon	29.90	51	E	6	0	29.90	+ 0.03	54	48	+ 4	E	9	0	7	54	?	-					
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	29.55	31	ENE	1	f	28.89	+ 0.08	38	37	+ 2	SE	1	omg	*	33	28	0.35					

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.44	46	37	SE	8	0	Valencia	29.81	43	38	Z	0	6
Sumburgh Head	29.62	38	37	W	2	0	Scilly	29.66	48	47	NNE	2	om
Stornoway	29.76	36	35	SW	3	2	Dover	29.66	44	45	ENE	3	bm
Aberdeen	29.81	20	19	WSW	2	6	London	29.71	40	48	ESE	1	f
Shields	29.83	32	32	NNE	2	3	Yarmouth	29.72	42	41	NE	1	bc
Ardrossan	29.84	29	29	E	1	0	Jersey	29.63	47	45	ENE	2	0
Mullaghmore	29.82	32	31	E	2	6	Rochefort	29.78	51	49	WSW	4	0
Holyhead	29.78	39	38	E	3	m							

The barometer is falling a little in the SE of England, as well as in the Shetlands, rising elsewhere. A decided SW breeze seems to be settling in at our N stations, but in the S, light E and NE breezes continue. Clear skies are reported from Ireland and Scotland, and most of fog over England, with snow at Shields.

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT

FOR

SATURDAY, 16TH DECEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Saturday, 16th DECEMBER 1882

BAROMETER, WIND & SEA

Explanation of Map.

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

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

Wind. Arrows show the prevalent winds.

They fly with the wind, and their

barbs and feathers refer to force, thus,

— forces above 10; — forces 8 to 10

— forces 5 to 7; — forces 1 to 4.

○ dead calm.

Sea Disturbance, where considerable, is

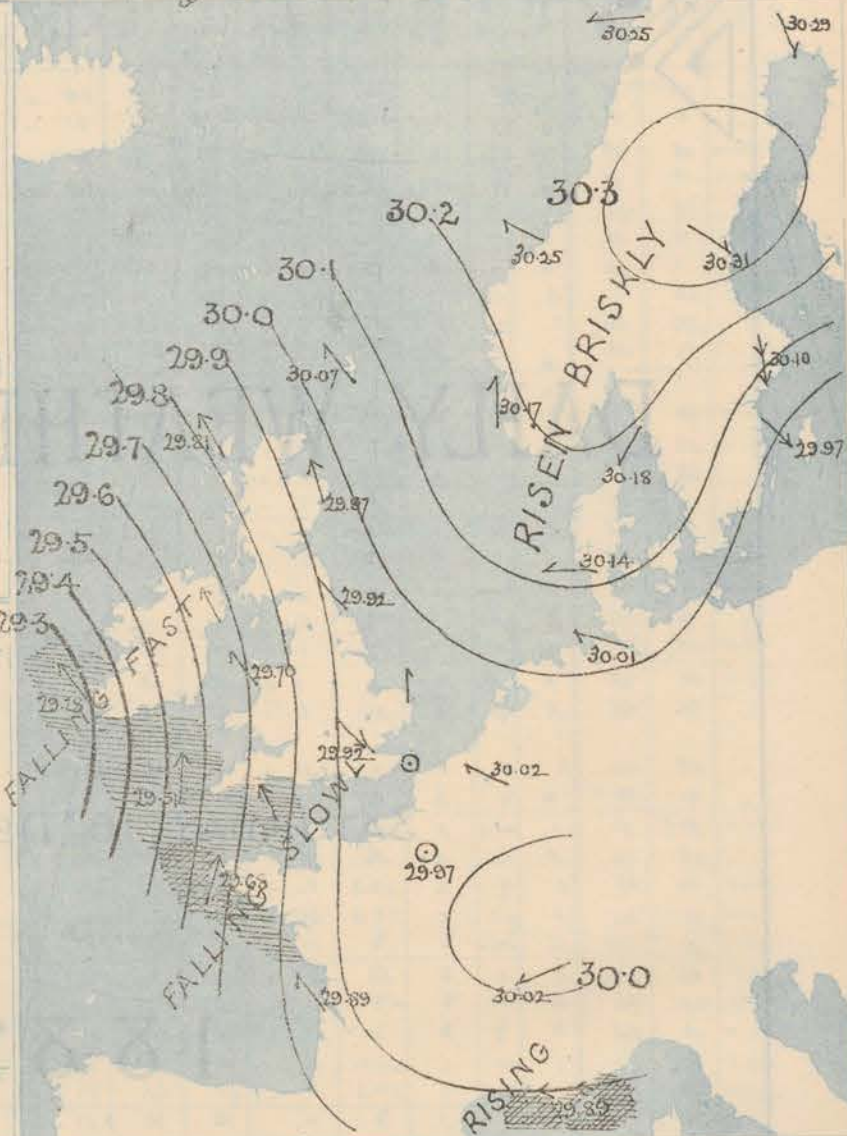
shown by shading round the coast,

thus — Rough. — High.

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

Stations	Mean Readings In.
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.804
Greenock	29.781
Holyhead	29.837
Valencia	29.866
Rochester Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

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



REMARKS

for Saturday 16th DEC^r 1882 at 8 a.m.

The barometer is rising briskly over Scandinavia, and is now as high as 30.3 ins: at Herösand, but a deep depression is apparently advancing towards the west of Ireland, and steep gradients for S^W and SE^W winds are being rapidly formed over our W^{est} and N^{orth} coasts. Breezes from those quarters have extended over the whole of our Islands, and blow strongly at several W^{est} stations; at Hook Point the wind has increased to a moderate gale. Fog still prevails over Central and north-eastern England, while in all other parts of the Kingdom the sky is cloudy with rain in the W^{est}. In the N. of Scandinavia the weather is fine and bright. A remarkable rise of temperature has taken place at the Scotch stations, the 8 a.m. reading at Aberdeen being no less than thirty-four degrees higher than it was yesterday; at Airth the change amounts to twenty-seven degrees, and at Kilmarnock to twenty-five degrees. Readings now range from 50° at Scilly to 37° at Kilmarnock and 36° at York and Loughborough.

Sea is rough in the SW. moderate or smooth elsewhere.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the17th DECEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SE ^W and S ^W winds, strong, to a gale; dull, unsettled, some rain.
1 SCOTLAND EAST	-----D°-----D°-----D°-----
2 ENGLAND N.E.	SE ^W winds, moderate to fresh; cloudy, some rain.
3 ENGLAND EAST	Same as N° 5.
4 MIDLAND COUNTIES	Same as N° 5.
5 ENGLAND SOUTH	SE ^W and S ^W winds, moderate or fresh; cloudy; unsettled, some rain.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as N° 0 and 1.
7 ENGLAND N.W.	SE ^W and S ^W strong winds and gales unsettled, rain at times.
8 ENGLAND S.W.	-----D°-----D°-----D°-----
9 IRELAND NORTH	SE ^W to S ^W winds, strong to a gale unsettled, rain at times.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	The S. cone was hoisted yesterday in districts 6 to 10, and this morning in districts 0 and 1.

METEOROLOGICAL OBSERVATIONS FOR

16th 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	30.17	- 2	N	2	b	29.29	+ .40	-13	-13	- 36	N	2	b	*	23	?	-	
Hernösand	30.04	23	NE	4	b	29.31	+ .37	10	9	- 18	NW	2	b	*	28	?	0.16	
Stockholm	29.91	33	ENE	2	b	29.10	+ .14	28	26	- 7	N	8	o	*	37	?	0.16	
Wisby	29.90	35	SE	2	o	29.97	- .01	35	33	+ 1	NNW	5	o	*	37	32	-	
Bodö	30.17	17	E	2	b	30.25	+ .26	16	15	- 9	E	4	c	2	25	14	-	
Christiansund	30.17	31	E	2	b	30.25	+ .40	27	24	- 6	SE	3	b	3	34	23	-	
†Skudesnaes	30.02	34	NNE	2	b	30.17	+ .29	37	33	- 1	S	4	c	3	?	34	-	
Oxö (Xtiansund)	29.98	31	N	2	b	30.21	+ .33	30	28	- 7	NNE	6	b-c	2	37	27	-	
Skagen (The Skaw)	29.99	35	NE	2	f	29.18	+ .27	31	30	- 4	NNE	4	o	3	36	28	-	
Fanö	30.04	23	N	1	f	29.14	+ .28	31	31	- 1	E	3	f	*	32	27	-	
Cuxhaven	29.85	36	Z	0	f	30.01		36	36		ESE	2	f	*	36	30	-	
†Sumburgh Head	29.93	35	Z	0	b	30.07	+ .26	43	40	+ 5	SE	4	o	4	43	34	-	
†Stornoway	29.82	37	SE	3	o	29.81	+ .00	44	42	+ 14	SE	5	b-c	4	44	27	0.06	
Wick	29.94	39	S	3	c	29.98	+ .11	43	42	+ 14	S	5	ou	4	43	27	0.08	
Nairn	29.85	23	Z	0	b	29.89	+ .08	37	36	+ 25	ENE	1	o	1	37	10	0.04	
†Aberdeen	29.94	18	WSW	1	om	29.97	+ .07	41	40	+ 34	SSE	5	ag	4	41	7	0.18	
Leith	29.86	38	E	1	o	29.88	- .01	38	37	+ 27	ESE	2	o	*	40	10	0.13	
†Shields	29.90	39	SSW	2	f	29.92	+ .05	42	42	+ 7	SE	2	f	2	42	32	0.09	
Spurn Head	29.89	41	ESE	2	o	29.93	+ .11	39	39	- 2	SSE	3	f	3	42	38	0.08	
York	29.90	36	N	1	f	29.96	+ .11	36	36	+ 2	E	1	f	*	38	34	0.08	
Loughborough	29.89	34	Z	0	f	29.88	+ .04	36	36	+ 2	SE	1	fg	*	36	34	0.01	
†Ardrossan	29.81	32	NE	3	b	29.80	- .04	37	37	+ 16	SE	3	of	2	37	20	0.15	
†Mullaghmore																		
Donaghadee	29.77	44	S	5	o	29.73	- .05	44	43	+ 4	SSE	6	o	4	44	39	0.12	
Parsonstown	29.61	42	SSE	4	h	29.48	- .19	43	46	+ 12	SE	5	ag	*	43	35	0.17	
Barrow-in-Furness	29.84	38	ENE	1	o	29.82	+ .02	39	38	+ 2	NE	2	o	1	40	37	-	
†Holyhead	29.76	44	SSE	2	m	29.70	- .06	46	44	+ 9	SE	2	m	1	46	37	0.01	
Liverpool (Bidston)	29.82	35	ESE	3	o	29.79	- .01	37	36	+ 3	ESE	4	o	3	37	34	-	
†Valencia	29.50	45	E	2	cy	29.28	- .24	49	48	+ 5	SE	6	agu	6	52	43	0.46	
Roche's Point	29.86	46	S	6	o	29.40	- .21	48	48	+ 2	S	7	o	5	49	45	0.28	
Pembroke	29.73	45	SSE	3	h	29.61	- .13	46	46	+ 4	SE	5	o	3	47	41	0.13	
†Scilly	29.65	49	S	6	h	29.51	- .10	50	50	+ 2	S	6	h	6	50	47	0.91	
Prawle Point	29.82	48	S	4	c	29.78	- .01	48	46	+ 3	SE	6	m	6	48	45	-	
Hurst Castle	29.86	43	ESE	2	m	29.84	+ .01	44	43	+ 7	SSE	3	b-c	2	47	36	0.03	
†Dover	29.86	47	W	1	om	29.96	+ .12	42	41	+ 2	SSE	1	b	1	43	39	0.03	
†London	29.89	40	Z	0	om	29.92	+ .06	43	42	+ 5	SE	2	og	*	43	37	0.01	
Oxford	29.90	38	ESE	1	o	29.88	+ .02	43	42	+ 9	SE	2	o	*	43	34	-	
Cambridge	29.90	37	Z	0	f	29.93	+ .08	40	40	+ 5	SE	1	f	*	40	33	0.03	
†Yarmouth	29.89	41	Z	0	b-c	29.97	+ .13	42	41	+ 2	S	1	ogm	2	43	38	0.03	
The Helder																		
Cape Gris Nez																		
†Jersey	29.88	47	SSE	3	om	29.81	- .02	45	44	- 1	SE	4	om	3	49	43	-	
Brest	29.78	50	SSW	5	h	29.68	- .16	51	50	+ 2	SSW	7	o	7	?	46	0.08	
Lorient	29.87	50	S	5	o	29.77	- .11	51	49	+ 2	S	4	o	5	54	45	-	
†Rochefort	29.95	48	SE	3	b	29.89	- .09	41	40	- 3	SE	3	f	2	54	36	-	
Biarritz																		
Corunna	*	*	*	*	*				*						*	*	*	
Brussels	*	*	*	*	*	30.02	+ .13	35	35	- 12	ESE	4	f	*	?	35	-	
Charleville	29.80	44	S	4	o	?	?	37	36	- 7	S	4	o	*	45	36	-	
Paris	30.00	44	SE	1	b-c	29.97	+ .04	41	40	- 5	Z	0	m	*	*	*	-	
Lyons	30.02	45	WNW	1	m	30.02	- .01	40	40	- 5	ENE	1	f	*	46	39	-	
Toulon	29.89	55	E	9	o	29.89	- .01	55	53	+ 1	E	8	o	7	57	52	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.62	34	SE	1	cm	28.63	- .04	34	34	+ 1	NE	1	f	*	36	32	0.08	

HIGH LEVEL STATION.

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

Hawes Junction	28.62	34	SE	1	om	28.63	+04	34	34	+1	NE	1	f	36	32	0.08
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.95	37	36	SSW	1	o	4	Valencia ...	29.51	52	50	S	3	cm	4
Sumburgh Head	29.89	36	34	W	1	b	2	Scilly ...	29.67	49	47	S	6	o	5
Stornoway ...	29.84	35	35	NE	1	om	1	Dover ..	29.86	47	46	WSW	3	opf	2
Aberdeen ...	29.93	15	14	WSW	1	b-c	2	London ...	29.87	42	41	Z	0	fg	*
Shields ...	29.87	42	42	SW	1	f	2	Yarmouth ...	29.87	42	41	NE	1	cf	2
Ardrossan ...	29.81	29	29	NE	3	o	2	Jersey ...	29.87	49	47	S	2	b-c	2
Mullaghmore ...	29.62	41	39	SE	5	agd	4	Rochefort ...	29.97	52	50	S	3	b	2
Holyhead ...	29.77	41	40	SE	2	m	1								

The barometer has ceased falling at Valencia; but continues to go down at Donaghadee and Scilly, while in the N. and E. it still rises. The winds have freshened somewhat at a few of the W. stations, but continue light and variable in the E. The weather is very little changed.

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT

F O R

SUNDAY 17TH DECEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

WEATHER CHARTS

for 8 a.m. on Sunday 17th DEC^r 1882

BAROMETER, WIND & SEA

Explanation of Map

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

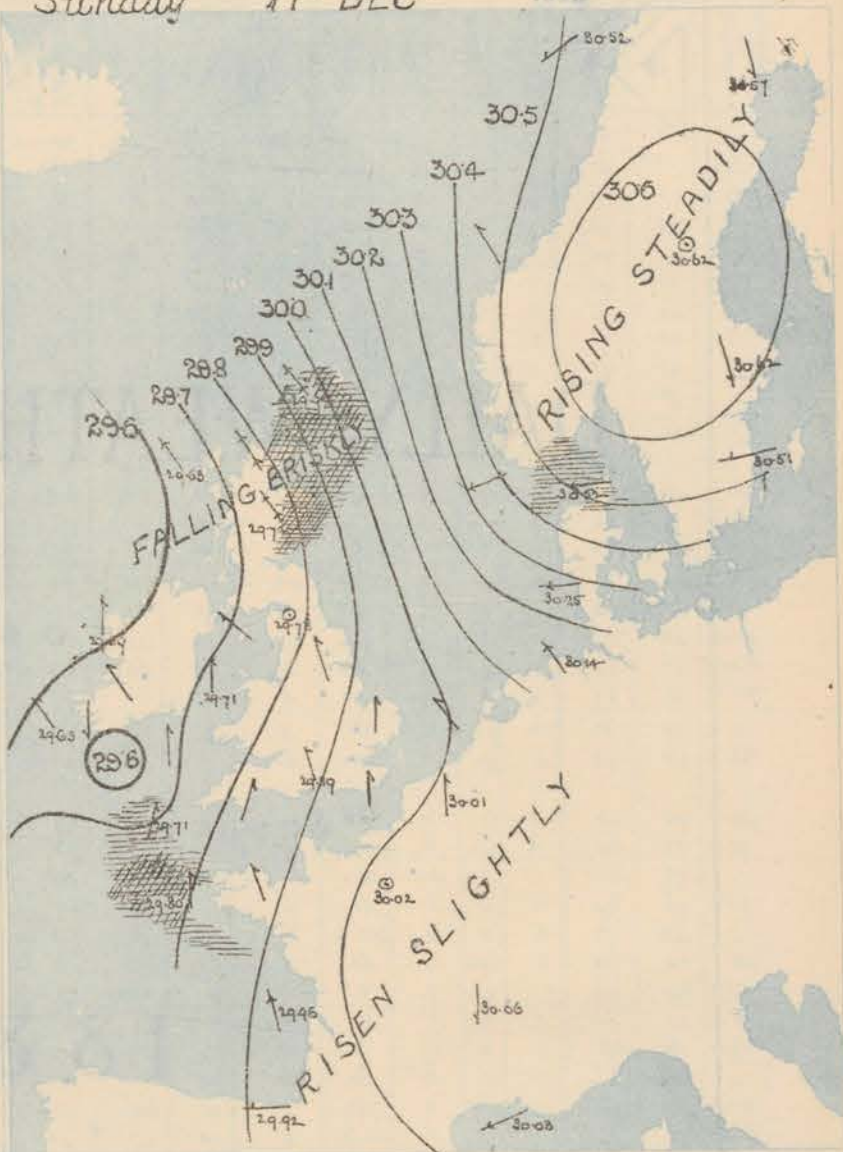
Wind arrows show the prevalent winds.
They fly with the wind, and their barbs and feathers refer to force, thus:
→ force above 10; → force 8 to 10
→ force 5 to 7; → force 4 to 5
○ dead calm.

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

MEAN HEIGHT of the BAROMETER for the month of December.

Stations	Mean Readings Inch
Swan	29.738
Aberdeen	29.790
Leith	29.787
Scarborough	29.837
Ardrossan	29.809
Greenock	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

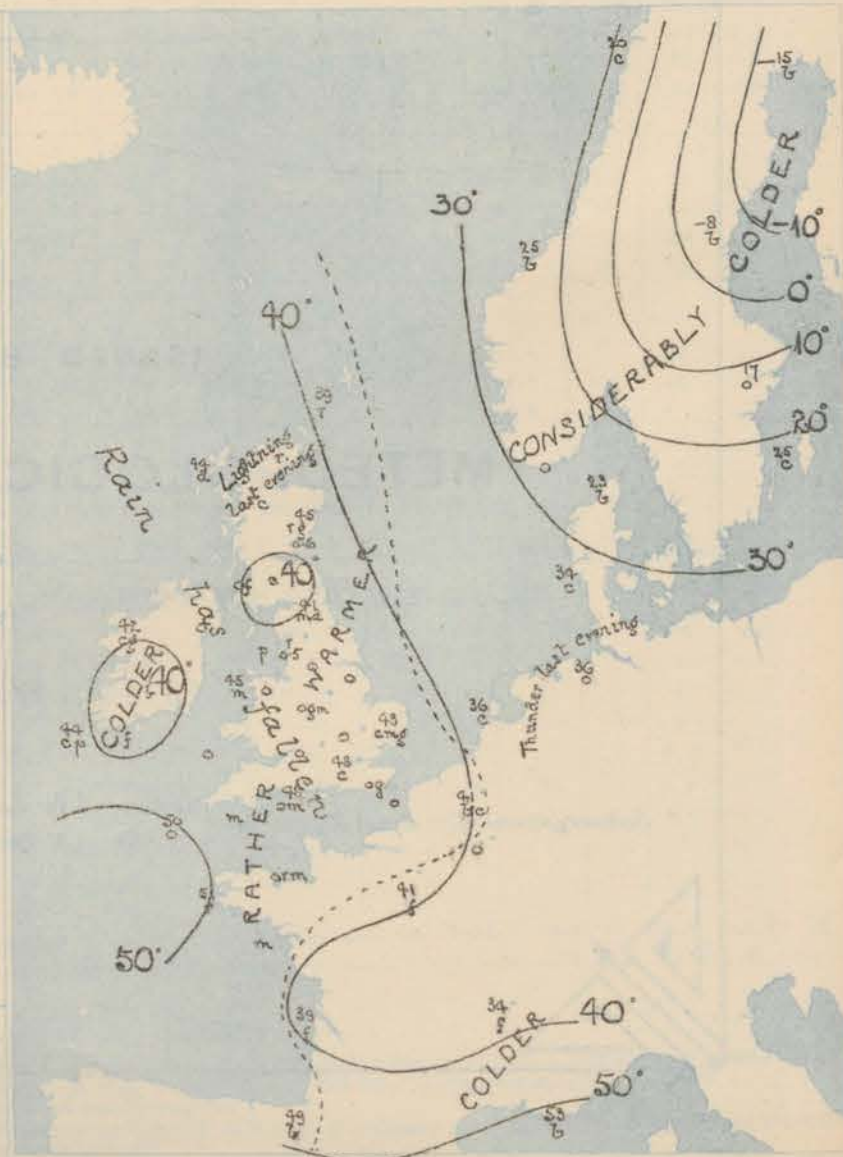
Temperature isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

MEANS OF TEMPERATURE AND RAINFALL for the month of December

Stations	Temp.	Rain-fall
Scarborough Head	41.2	3.32
Stornoway	41.5	6.09
Aberdeen	39.5	2.98
Shields	39.7	2.39
York	39.8	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valencia	43.6	6.22
Sally (St Mary's)	46.7	4.02
Thor Castle	43.2	?
Dover	41.6	3.51
LONDON	41.0	2.19
Yarmouth	40.3	3.42

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



REMARKS

for Sunday 17th DEC^r 1882 at 8 a.m.

The depression which was advancing towards our W. coasts yesterday morning has since travelled northward and now lies off the west of Scotland, while a small subsidiary disturbance has appeared near Cork. The barometer is rising again at all our more southern stations, but falling in the north. Light or moderate S² breezes prevail in the S. and over France, while in Scotland and the south of Norway fresh SE² or E² gales are reported. Cloudy weather prevails on all our coasts, and rain is falling in the N. of Scotland, as well as at Spurn^{Hd} and Jersey. In the course of the past 24 hours rain has fallen over the whole of our islands and France. Temperature has fallen several degrees in Ireland, risen elsewhere, and readings range from 50° at Scilly to 39° at Lumburgh Head and 35° at Parsonstown.

The sea is very high at Wick, rough on our NE. coasts generally.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

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

DISTRICTS

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

FORECASTS

NONE
N
O
N
E
S
U
E
D

DISTRICTS

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

FORECASTS

N
O
N
E
S
U
E
D

WARNINGS

The Scone has been lowered this morning in districts 6 to 9, but is still up in districts 10 and 1.

METEOROLOGICAL OBSERVATIONS FOR 17th DECEMBER. 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	30.35	-20	Z	0	m	30.57	+ .28	-15	-15	-	2	N	2	b	*	?	-20	-	
Hernösand	30.48	-3	Z	0	s	30.62	+ .31	-8	-8	-	18	Z	0	b	*	25	?	-	
Stockholm	30.62	17	N	6	o	30.62	+ .52	17	16	-	11	N	2	o	*	36	16	-	
Wisby	30.25	29	NNE	8	o	30.81	+ .54	25	23	-	10	E	4	c	*	36	?	-	
Bodö	30.41	21	ENE	2	b	30.82	+ .27	20	18	+	4	ENE	2	c	1	21	16	-	
Christiansund	30.37	24	ESE	3	b	?	?	25	23	-	2	SE	4	b	2	27	18	-	
†Skudesnaes	30.38	28	NNE	6	o	30.46	+ .25	28	27	-	2	ENE	8	o	4	30	27	-	
Oxö (Xtiansund)	30.43	26	E	5	o	30.52	+ .34	23	21	-	8	E	6	b	5	?	21	-	
Skagen (The Skaw)	30.25	33	E	4	o	30.25	+ .11	34	33	+	3	E	6	c	*	?	30	-	
Fanö	30.09	24	SE	3	c	30.14	+ .13	36	36	-	0	SE	5	o	*	37	32	-	
†Sumburgh Head	30.08	42	SE	4	o	29.94	- .13	39	39	-	4	SE	8	5	7	42	38	0.08	
†Stornoway	29.78	44	ESE	6	o	29.63	- .18	41	43	-	0	SE	5	o	4	45	40	0.03	
Wick	29.95	43	SSE	7	o	29.74	- .24	45	45	+	2	SE	8	7	8	45	40	0.20	
Nairn	29.86	39	Z	0	o	29.68	- .21	40	38	+	2	E	1	c	2	42	36	0.02	
†Aberdeen	29.94	42	SSE	7	o	29.75	- .22	45	44	+	4	SE	8	7	7	45	40	0.04	
Leith	29.83	40	SE	2	c	29.72	- .16	38	36	-	0	SE	1	c	*	43	36	-	
†Shields	29.90	43	SE	3	o	29.78	- .14	41	40	-	1	Z	0	md	2	42	40	0.13	
Spurn Head	29.86	42	ESE	4	o	29.82	- .11	43	43	-	4	SSE	4	o	4	42	38	0.03	
York	29.87	39	ESE	1	o	29.81	- .15	42	42	+	6	SSE	1	o	*	42	36	0.14	
Loughborough	29.82	40	SE	2	o	29.82	- .06	45	45	+	9	SW	2	ogm	*	46	36	0.10	
†Ardrossan	29.73	41	ENE	3	o	29.67	- .13	41	41	+	4	ENE	1	of	1	42	36	0.11	
†Mullaghmore	29.44	46	ESE	5	ogm	29.59	+ .17	42	41	-	3	S	2	og	3	47	40	0.09	
Donaghadee	29.65	44	SE	7	T	29.67	- .06	42	42	-	2	SSW	1	o	0	46	42	0.44	
Parsonstown	29.51	44	SSE	2	o	29.67	+ .19	35	34	-	13	SE	1	b	*	48	35	0.20	
Barrow-in-Furness	29.72	39	ENE	3	r	29.74	- .08	41	41	+	2	ESE	3	p	2	43	37	0.23	
†Holyhead	29.61	46	S	5	o	29.71	+ .11	45	44	-	1	S	1	m	0	47	44	0.26	
Liverpool (Bidston)	29.73	40	ESE	4	o	29.75	- .04	42	41	+	5	SE	3	o	3	42	37	0.04	
†Valencia	29.48	47	SW	4	cp	29.63	+ .35	44	43	+	5	SE	3	cp	4	50	42	0.42	
Roche's Point	29.57	45	SSW	4	c	29.65	+ .25	35	35	-	13	N	3	f	4	50	34	0.10	
Pembroke	29.60	45	SSE	2	c	29.72	+ .11	47	46	+	1	S	2	o	3	?	45	46	0.08
†Scilly	29.59	49	SSW	4	cp	29.71	+ .20	50	49	-	0	SSW	4	o	5	53	47	0.13	
Prawle Point	29.51	49	SSE	4	o	29.82	+ .14	49	49	+	1	S	3	m	3	50	47	0.18	
Hurst Castle	29.79	47	S	3	r	29.87	+ .03	48	47	+	4	SSW	2	om	3	49	44	0.13	
†Dover	29.90	46	SSE	2	om	29.94	- .04	46	45	+	2	SW	3	og	2	47	41	0.08	
†London	29.56	45	SE	2	b	29.89	- .03	48	47	+	5	SSE	3	c	*	48	41	0.01	
Oxford	29.81	45	SE	3	o	29.85	- .03	47	47	+	4	S	1	o	*	47	42	0.06	
Cambridge	29.86	48	SE	1	o	29.88	- .05	46	46	+	6	SE	1	o	*	46	39	0.02	
†Yarmouth	29.91	42	ESE	5	bc	29.92	- .05	43	42	+	1	S	2	ang	3	43	40	0.07	
The Helder	30.01	37	ESE	2	f	30.00	- .02	36	35	-	3	SE	1	c	1	39	36	-	
Cape Gris Nez	29.90	45	SW	5	c	29.93	-	43	42	-	-	S	4	o	2	46	37	0.04	
†Jersey	29.80	47	SSE	4	om	29.87	+ .06	45	45	-	0	SSE	3	om	3	47	43	0.02	
Brest	29.74	51	S	4	o	29.80	+ .12	51	50	-	0	S	4	r	7	52	46	0.20	
Lorient	29.80	52	ESE	5	c	29.86	+ .09	52	52	+	1	SSW	5	m	5	54	46	0.16	
†Rochefort	29.97	43	SSE	3	f	29.96	+ .07	39	38	-	2	SSE	5	f	2	50	34	-	
Biarritz	29.92	56	ESE	1	b	29.92	+ .03	49	45	+	3	E	3	b	4	57	41	0.32	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	30.08	- .02	41	39	+	6	S	3	bo	*	?	?	0.04	
Charleville	29.91	42	?	?	?	30.13	?	36	?	-	1	E	4	o	*	45	36	-	
Paris	29.97	44	SE	3	o	30.02	+ .05	41	41	-	0	Z	0	f	*	*	*	-	
Lyons	29.06	41	N	1	o	30.06	+ .04	34	34	-	6	N	1	f	*	48	33	-	
Toulon	29.96	56	ENE	7	o	30.03	+ .14	52	?	-	2	ENE	5	b	2	?	50	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.9	32	ESE	2	f	28.92	- .11	39	39	+	5	SSE	3	om	*	39	32	0.48	

HIGH LEVEL STATION.

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

Hawes Junction	28.9	32	ESE	2	f	28.92	- .11	39	39	+	5	SSE	3	om	?	39	32	0.48
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.26	35	20	ESE	1	0	3	Valencia ...	29.39	49	48	SW	5	ogm	5
Sumburgh Head ...	30.09	42	29	SE	4	0	4	Scilly ...	29.56	50	49	SSW	5	0	6
Stornoway ...	29.80	45	42	ESE	5	0	4	Dover ..	29.90	45	44	SE	2	bc	1
Aberdeen ...	29.95	43	42	SSE	6	og	6	London ...	29.87	44	43	SSE	2	ogm	*
Shields ...	29.90	42	41	SSE	2	f	2	Yarmouth ...	29.94	42	42	SE	3	bc	3
Ardrossan ...	29.77	40	35	ENE	3	0	2	Jersey ...	29.77	46	45	SSE	4	0	4
Mullaghmore ...	29.45	47	45	SE	6	rog	6	Rochefort ...	29.97	43	42	SSE	4	f	2
Holyhead ...	29.65	47	44	SE	3	m	2								

The depression whose centre lay to the Wrd of Valencia this morning is travelling Nrd outside our extreme Wst coast, while a subsidiary disturbance has advanced to the mouth of St. George's Channel. The barometer is therefore rising on our SWst coast, and the wind veering and lulling. The 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) 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 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

MONDAY, 18TH DECEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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WEATHER CHARTS

for 8 a.m. on MONDAY 18th DECEMBER.

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.

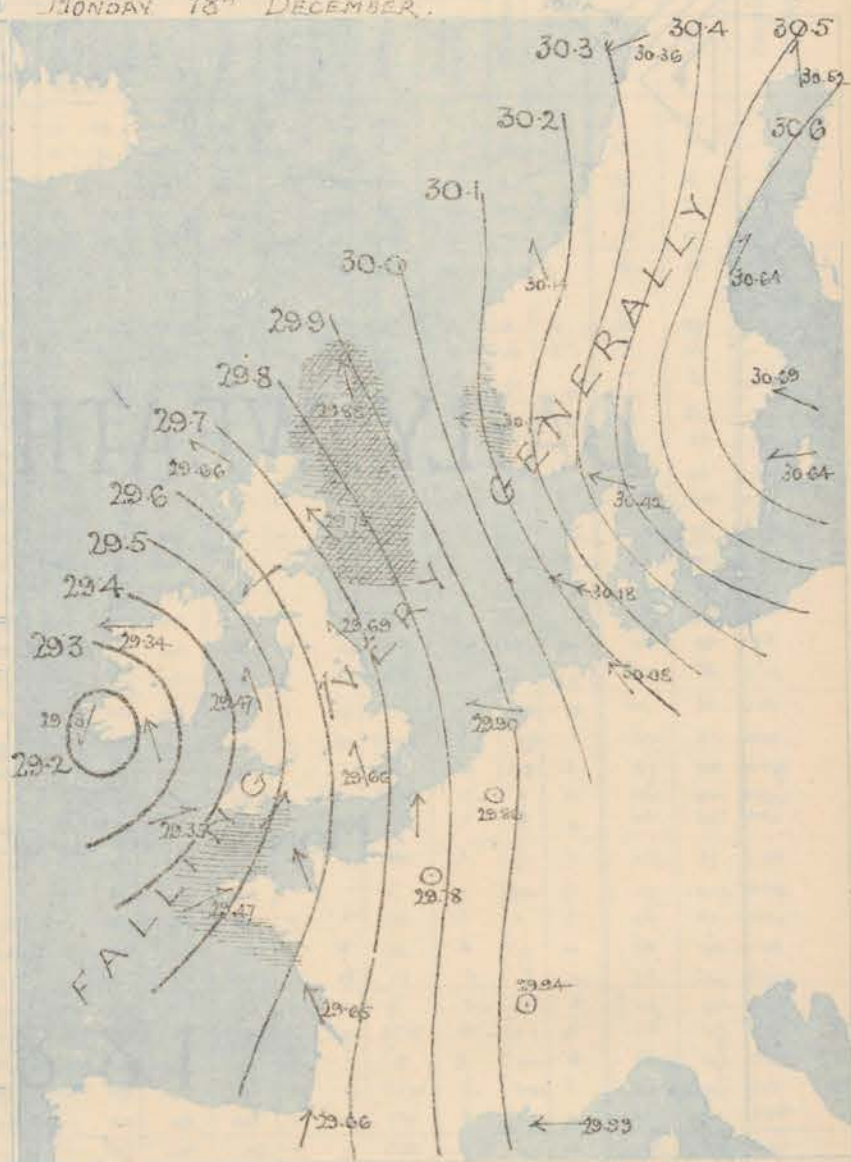
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — force above 10; — force 8 to 10
 — force 5 to 7; — force 1 to 4
 ○ = dead calm.

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

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

Stations	Mean Readings In.
Nairn	29.758
Aberdeen	29.740
Leith	29.732
Scarborough	29.837
Ardrrossan	29.807
Greenacastle	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.884

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

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

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

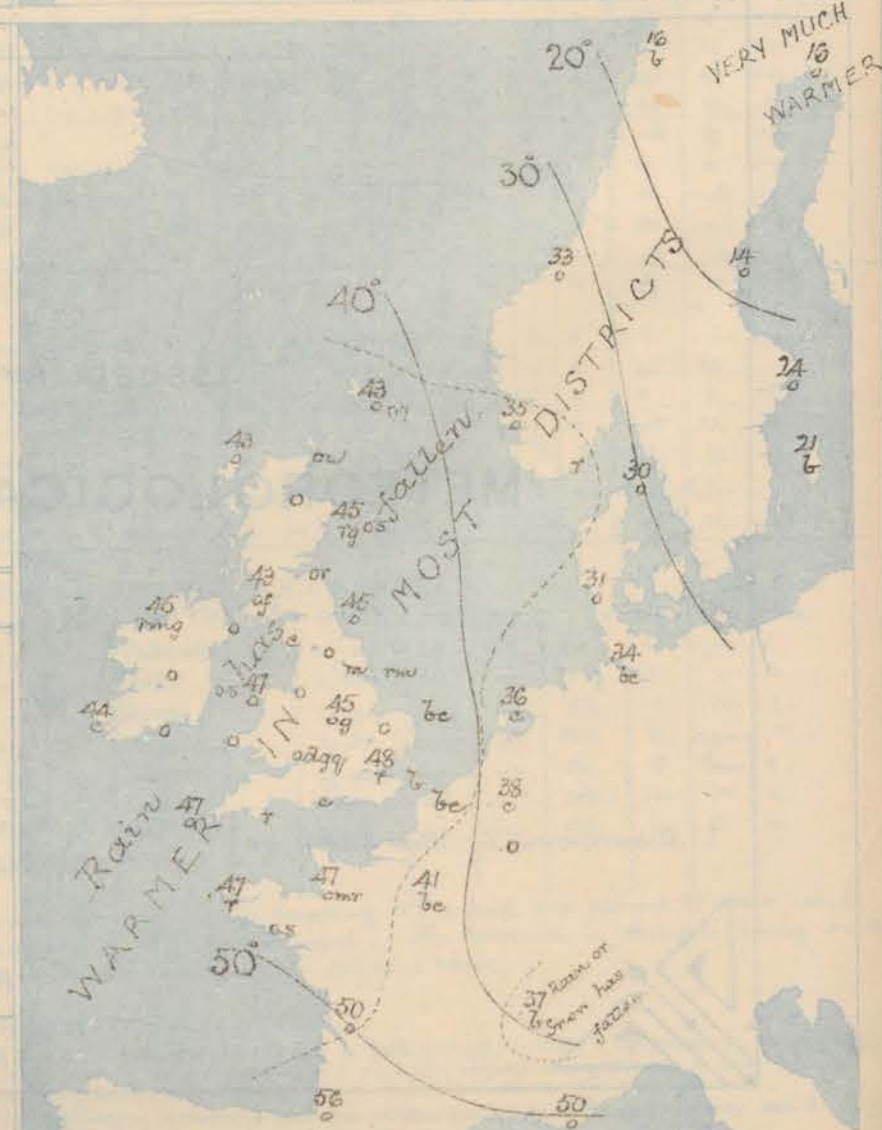
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

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

Stations	Temp.	Rain-fall
Sumburgh Head	41.2	3.35
Sornoway	41.5	6.08
Aberdeen	39.5	2.06
Shields	39.7	2.39
Nirk	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	1.07
Parsinstown	42.6	3.08
Valencia	43.6	6.22
Sally (St Mary's)	46.7	1.02
Hurst Castle	43.2	?
Dover	41.0	3.61
LONDON	41.0	2.19
Yarmouth	40.3	3.42

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



REMARKS

for MONDAY 18th DEC^r 1882 at 8 a.m.

Barometrical pressure is still highest over Sweden, while a small depression is shown off the south of Ireland, and the barometer is falling at nearly all our stations. Southerly winds prevail over the Channel and the west of France, but in all other localities SE^{ly} breezes are reported; in force they are generally moderate or fresh, but blow strongly in the E. and N. of Scotland. The weather is fine at Dover and Yarmouth, generally overcast elsewhere, with rain in the E. of Scotland, at Spurn Head, London and some south-western stations. In the course of yesterday rain fell generally, but the amount was in most cases small. Temperature has risen several degrees in the west, and ranges from 49° at Oxford to 41° at Kilm and Leith.

The sea is very high at Lumburgh Head, high at Aberdeen, rather rough at the mouth of the Channel.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the19th DECEMBER.

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTHSE^{ly} winds, fresh or strong;
dull rain at times.6 SCOTLAND
WEST

Same as No 2.

2 SCOTLAND
EAST

---D°---D°---D°---

7 ENGLAND
N.W.

Same as No 2.

3 ENGLAND
N.E.SE^{ly} winds, moderate or fresh;
cloudy generally with some rain.8 ENGLAND
S.W.SW^{ly} and S^{ly} winds, fresh and
strong; unsettled, some rain.4 ENGLAND
EAST

Same as No 5.

9 IRELAND
NORTHSE^{ly} and S^{ly} winds, fresh or strong;
dull, rain at times.5 MIDLAND
COUNTIES

Same as No 5.

10 IRELAND
SOUTH

---D°---D°---D°---

6 ENGLAND
SOUTHSE^{ly} and S^{ly} winds, moderate or
fresh; cloudy generally with
some rain.

WARNINGS

The south cone which was hoisted last
evening in districts 2, 3, 5 and 7 to 10
has been lowered again this morning.

METEOROLOGICAL OBSERVATIONS FOR

18th 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	30.66	-18	Z	0	6	30.52	-0.05	16	15	+31	6	2	0	*	?	-18	-			
Hernösand	30.73	-9	Z	0	6	30.64	+0.02	14	13	+6	SW	2	0	*	23	-17	-			
Stockholm	30.73	9	N	2	6	30.69	+0.07	24	22	+7	SE	2	0	*	?	9	-			
Wisby	30.62	23	E	2	6	30.64	+0.13	21	20	-4	SE	2	6	*	30	21	-			
Bodö	30.38	19	ESE	4	6	30.36	-0.16	16	14	-4	SE	2	6	1	?	?	-			
Christiansund	30.23	29	SE	2	6	30.24	-0.05	33	30	+8	SE	1	0	2	34	19	-			
†Skudesnaes	30.19	33	SE	8	8	30.17	-0.02	35	31	+4	SE	6	0	5	?	32	-			
Oxö (Xibosund)	30.42	32	E	8	0	30.34	-0.12	32	32	+4	E	8	0	4	32	?	0.04			
Skagen (The Skaw)	30.50	28	SE	5	0	30.42	-0.10	30	28	+2	SE	6	0	5	30	?	-			
Fanö	30.20	33	SE	8	0	30.18	-0.07	31	31	-2	SE	8	0	*	34	?	-			
Cuxhaven	30.14	36	SE	6	0	30.08	-0.06	34	34	-2	SE	6	60	*	37	32	-			
†Samburgh Head	29.63	43	SE	9	0	29.88	-0.06	43	43	+4	SE	7	0	8	43	38	0.73			
†Stornoway	29.63	44	E	8	0	29.86	+0.03	43	42	-1	SE	4	0	4	45	37	0.04			
Wick	29.72	43	E	2	0	29.78	+0.04	46	45	+1	SE	5	0	6	46	41	0.20			
Nairn	29.68	40	Z	0	60	29.71	+0.03	41	40	+1	SE	2	0	2	41	34	0.01			
†Aberdeen	29.76	43	E	2	0	29.78	-0.02	45	45	0	SE	6	0	7	46	41	0.51			
Leith	29.74	40	Z	0	0	29.63	-0.09	41	40	+3	SE	2	0	*	45	36	0.06			
†Shields	29.81	40	SE	3	0	29.69	-0.09	45	44	+4	SE	4	0	3	45	37	0.02			
Spurn Head	29.82	43	SE	3	0	29.86	-0.16	43	42	0	SE	5	0	4	45	41	0.02			
York	29.81	45	SE	1	0	29.67	-0.14	45	45	+3	SE	1	0	*	45	41	0.03			
Loughborough	29.79	46	SE	2	0	29.63	-0.19	45	45	0	SE	3	0	*	49	44	0.02			
†Ardrossan	29.68	41	ESE	1	0	29.56	-0.11	43	43	+2	ESE	2	0	1	44	39	0.05			
†Mullaghmore	29.56	42	SE	4	0	29.34	-0.25	48	44	+3	E	5	0	4	49	41	0.04			
Donaghadee	29.65	46	S	8	0	29.49	-0.18	48	48	+6	S	5	0	3	48	41	0.14			
Parsonstown	29.54	40	Z	0	6	29.33	-0.34	45	43	+10	SE	2	0	*	46	35	0.04			
Barrow-in-Furness	29.72	41	ESE	3	60	29.55	-0.19	44	43	+3	ESE	3	0	2	45	40	0.05			
†Holyhead	29.65	46	S	2	0	29.47	-0.24	47	45	+2	SE	2	0	1	49	41	0.50			
Liverpool (Biston)	29.70	45	ESE	3	0	29.58	-0.22	45	44	+3	ESE	3	0	3	47	41	0.04			
†Valencia	29.41	47	SE	4	0	29.18	-0.45	44	43	0	NNE	3	0	3	49	43	0.04			
Roche's Point	29.42	45	SE	5	0	29.22	-0.43	45	44	+10	SE	6	0	4	49	35	0.18			
Pembroke	29.53	47	ESE	3	0	29.39	-0.33	47	45	0	SE	5	0	3	49	46	0.36			
†Scilly	29.45	33	ESE	6	0	29.58	-0.36	47	45	-3	WSW	4	0	4	50	45	0.44			
Punta Point	29.61	47	E	5	0	29.45	-0.37	48	47	-1	WSW	6	0	6	49	46	0.14			
Harat Castle	29.74	47	SE	4	60	29.54	-0.33	48	49	0	S	5	0	4	49	45	0.05			
†Dover	29.88	45	E	2	6	29.73	-0.21	45	43	-1	SE	4	0	3	47	43	-			
†London	29.83	47	SE	2	0	29.66	-0.23	48	47	0	SE	3	0	*	49	45	0.01			
Oxford	29.73	46	ESE	2	0	29.59	-0.26	49	48	+2	SE	3	0	*	49	45	0.03			
Cambridge	29.80	44	SE	1	0	29.66	-0.22	45	44	-1	SE	1	0	*	49	42	0.02			
†Yarmouth	29.90	42	SE	4	0	29.75	-0.17	42	41	-1	SE	4	0	4	43	40	0.02			
The Helder	30.00	36	SE	1	0	29.90	-0.10	36	35	0	ESE	3	0	1	41	36	-			
Cape Gris Nez	29.26	45	S	4	0	29.74	-0.19	41	41	-2	S	5	60	3	46	39	-			
†Jersey	29.68	46	SE	4	0	29.50	-0.37	47	47	+2	SE	5	0	4	48	44	0.06			
Brest	29.33	51	SSW	8	0	29.47	-0.33	47	46	-4	WSW	3	0	5	53	45	0.24			
Lorient	29.64	53	S	7	0	?	?	49	48	?	?	4	0	5	54	45	0.51			
†Rochefort	29.84	49	SE	5	0	29.65	-0.31	50	49	+11	SE	7	0	2	52	36	0.08			
Biarritz	29.25	57	S	4	0	29.66	-0.26	56	50	+7	SSW	5	0	3	61	46	-			
Cornuna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
Brussels	*	*	*	*	*	29.86	*	33	36	*	SE	1	0	*	47	38	-			
Charleville	30.06	36	SE	4	0	29.89	-0.21	35	33	-1	E	4	0	*	46	33	-			
Paris	30.02	48	ESE	3	0	29.78	-0.24	41	40	0	E	1	0	*	*	*	-			
Lyons	30.07	35	NNW	1	0	29.94	-0.12	37	33	+3	NN	1	0	*	39	30	0.04			
Toulon	30.02	52	ESE	5	0	29.99	-0.04	50	49	-3	E	7	0	3	57	48	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.53	39	SW	2	0	28.40	-0.12	39	39	0	SE	2	0	*	40	36	0.05			

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnaes	30.24	32	32	ESE	7	4	Valencia						
Samburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	29.89	45	44	SE	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

TUESDAY, 19TH DECEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Tuesday 19th DECEMBER, 1882

BAROMETER, WIND & SEA

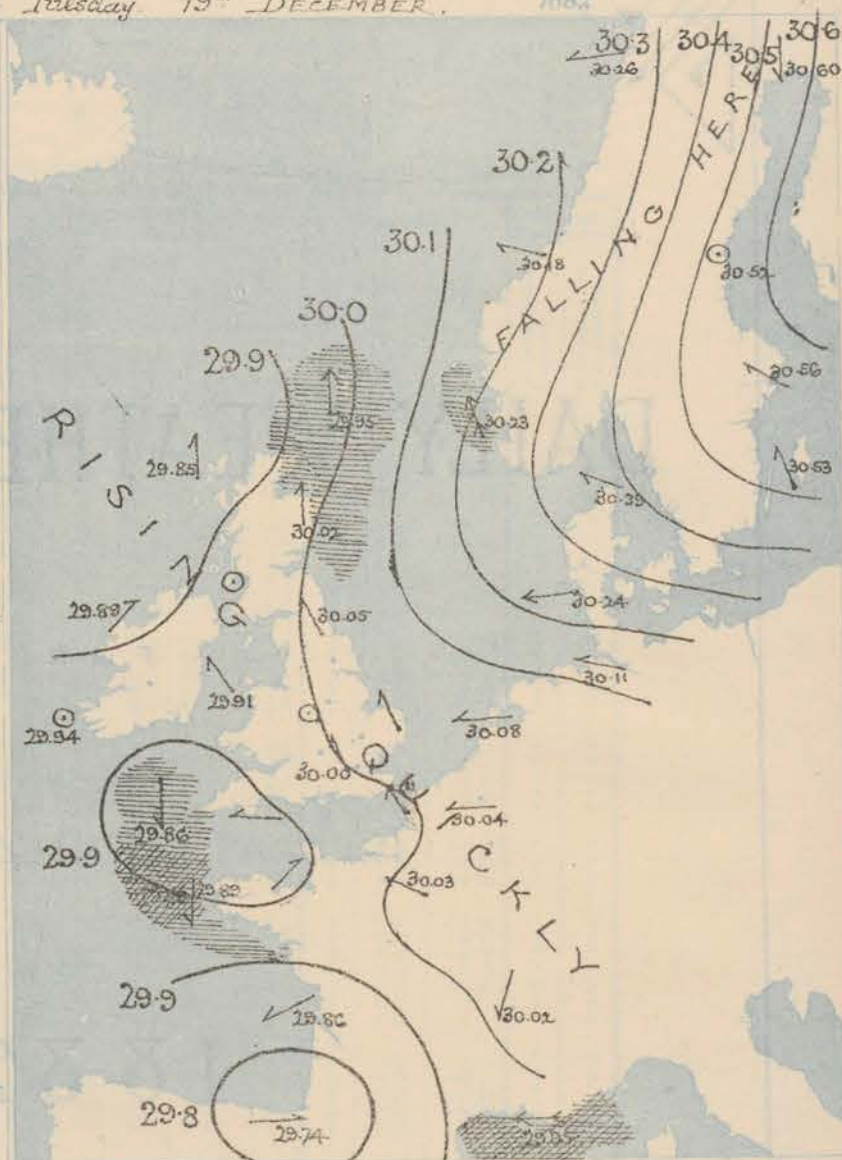
Explanation of Map

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

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

Stations.	Mean Readings In.
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.804
Greenock	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.887
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

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



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

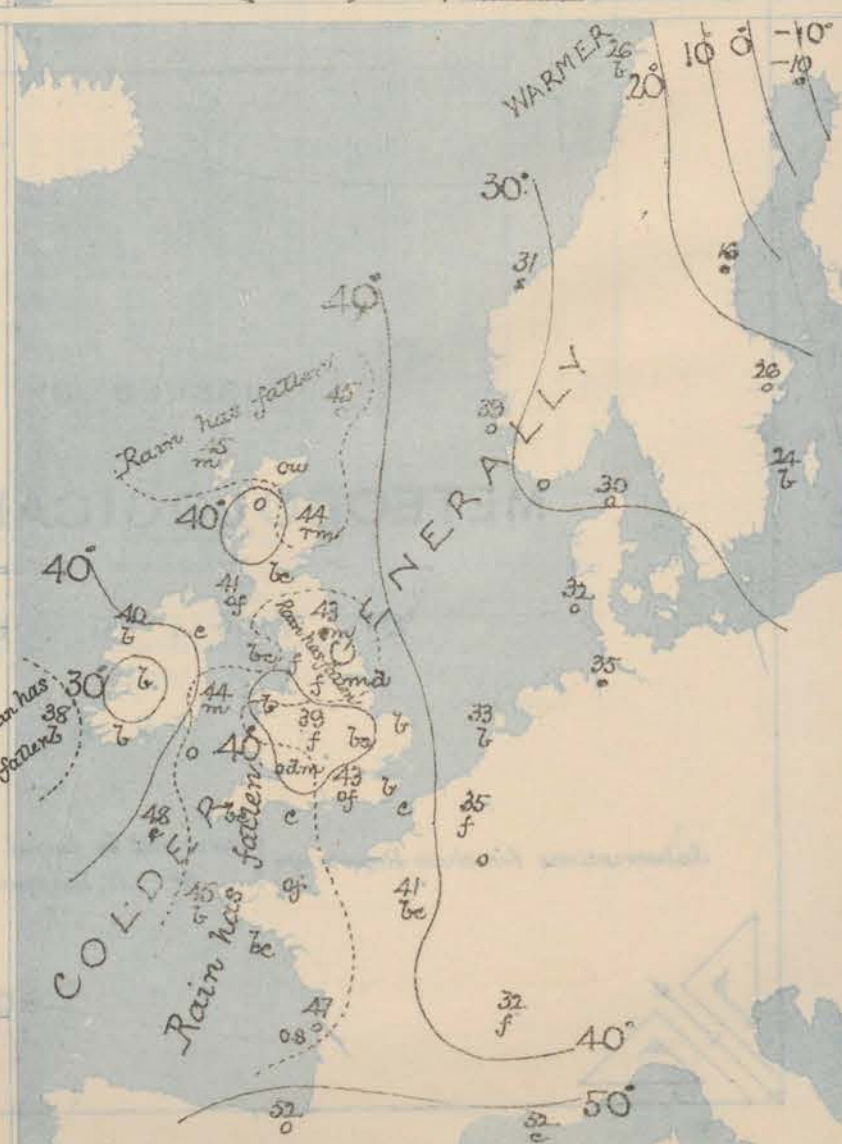
Explanation of Map

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

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

Stations	Temp.	Rain-fall In.
Sundburgh Head	41.2	3.32
Stornoway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.8	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valencia	43.6	6.22
Sally (St Mary's)	46.7	4.02
Hurst Castle	43.2	?
Dover	41.0	3.54
LONDON	41.0	2.19
Yarmouth	40.3	3.42

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



REMARKS

Tuesday 19th DEC^r 1882 at 4 a.m.

The small depression which lay over the south of Ireland yesterday morning has entirely disappeared, and the barometer is now rising briskly at all but the Scandinavian stations. Pressure is still highest over Northern Europe, while the lowest readings are found over the SW. of France. Fresh S^w winds prevail in the extreme north, but at all the more southern stations light SE^w or E^w breezes are reported. A strong gale was experienced at Wick yesterday. The weather is fine in Ireland and the extreme SE. of England, cloudy or overcast elsewhere, with rain at Aberdeen, and fog over the midland counties. Slight amount of rain fell yesterday in many parts of the Kingdom. Temperature has fallen generally - quickly in Ireland - and readings now range from 45° at Scilly to 29° at Parsonstown. The sea is rough off the NE. coast of Scotland, as well as at Scilly, moderate or slight elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

20th DECEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^w winds, moderate or fresh; cloudy, colder.
2 SCOTLAND EASTD°.....D°.....D°.....
3 ENGLAND N.E.	SE ^w winds, light; cloudy, misty, colder.
4 ENGLAND EAST	Same as No 5
5 MIDLAND COUNTIES	Same as No 5.
6 ENGLAND SOUTH	SE ^w and E ^w winds, light; weather generally foggy and colder

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Variable airs; cloudy, foggy.
7 ENGLAND N.W.	Same as Nos 3 to 5.
8 ENGLAND S.W.	E ^w and N ^w winds, light; cloudy, colder.
9 IRELAND NORTH	Light variable breezes; fair on the whole, but local fogs, cold.
10 IRELAND SOUTHD°.....D°.....D°.....
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

19th 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	30.47	0	Z	0	bc	30.60	+08	-10	-10	26	N	26	0	*	16	-17	-	
Hernösand	30.50	24	Z	0	c	30.52	-12	16	15	2	Z	0	0	*	2	-9	-	
Stockholm	30.60	26	SE	2	0	30.56	-13	26	24	2	SE	2	0	*	24	7	-	
Wisby	30.54	24	SE	2	6	30.53	-11	24	23	3	SE	2	6	*	28	19	-	
Bodö	30.37	18	ENE	2	6	30.24	-10	26	23	10	E	4	6	*	?	14	-	
Christiansund	30.23	30	SE	2	bc	30.18	-05	31	30	2	ESE	3	6	*	2	27	-	
†Skudesnæs	30.17	19	SE	6	0	30.25	+08	39	36	4	SE	2	0	5	39	2	-	
Oxö (Ånåstund)	30.54	34	ENE	6	0	30.35	+01	22	27	4	NE	6	0	3	24	27	-	
Skagen (The Skaw)	30.37	31	SE	3	0	30.39	-03	30	28	0	ESE	3	0	2	32	28	-	
Fanø	30.18	33	SE	6	0	30.24	+06	32	31	1	E	6	0	*	?	?	-	
Cuxhaven	30.04	34	SE	4	0	30.11	+03	35	35	1	ESE	3	0	*	?	32	-	
†Sumburgh Head	29.89	42	SE	3	h	29.95	+07	45	44	2	S	5	0	6	45	40	0.33	
†Stornoway	29.71	45	SE	3	c	29.85	+14	44	42	2	S	2	m	21	46	33	0.01	
Wick	29.81	45	E	6	0	29.86	+05	46	45	0	S	5	m	6	46	43	0.05	
Nairn	29.76	41	ESE	1	0	29.93	+17	39	37	2	Z	0	0	21	48	36	-	
†Aberdeen	29.83	45	SE	6	og	30.02	+19	44	44	1	S	4	m	6	46	43	0.14	
Leith	29.77	40	Z	0	0	29.98	+21	41	40	0	E	2	bc	*	43	37	-	
†Shields	29.76	44	SE	5	0	30.05	+29	43	42	2	SE	1	om	4	45	42	0.03	
Spurn Head	29.76	43	ESE	4	6	30.04	+28	42	41	1	E	3	m	4	43	41	0.04	
York	29.75	44	ESE	4	0	30.04	+27	43	43	2	E	1	?	*	46	40	0.01	
Loughborough	29.71	45	SE	2	6	30.00	+29	39	39	6	ENE	1	f	*	46	39	-	
†Ardrossan	29.72	43	ENE	2	Cf	29.97	+25	41	41	2	NE	1	of	1	46	39	-	
†Mullaghmore	29.61	47	ESE	4	om	29.89	+28	40	40	5	SW	2	6	4	48	37	-	
Donaghadee	29.63	48	SE	4	c	29.94	+31	46	46	2	SE	3	0	1	48	46	-	
Parsonstown	29.64	41	SE	1	0	29.95	+32	29	28	16	SE	1	6	*	48	28	-	
Barrow-in-Farness	29.69	43	NE	3	0	29.97	+28	42	41	2	NE	2	bc	1	45	40	-	
†Holyhead	29.60	48	E	3	m	29.91	+31	42	43	3	SE	2	m	2	49	43	0.02	
Liverpool (Bidston)	29.66	46	E	3	c	29.95	+29	39	39	6	E	3	6	2	48	39	-	
†Valencia	29.56	46	E	2	bc	29.94	+26	38	37	6	Z	0	6	1	49	36	0.03	
Roche's Point	29.60	45	SE	2	bc	29.91	+26	35	34	10	N	2	6	4	50	34	-	
Pembroke	29.54	45	E	1	0	29.90	+25	46	45	1	E	1	0	3	47	43	0.11	
†Sailly	29.53	47	Z	0	bc	29.86	+29	48	47	1	N	3	c	6	52	32	-	
Prawle Point	29.54	46	NNE	1	?	29.88	+23	48	47	0	E	2	bc	2	49	45	0.36	
Hurst Castle	29.62	49	SE	4	3	29.91	+27	48	47	0	SE	3	6	3	50	45	0.02	
†Dover	29.75	45	SE	4	3	30.00	+25	43	42	2	E	3	6	2	47	42	-	
†London	29.70	45	SE	2	6	30.00	+30	43	42	5	SE	2	of	*	49	39	-	
Oxford	29.74	45	SE	2	0	29.98	+24	38	38	11	ENE	1	odm	*	50	35	-	
Cambridge	29.78	42	SE	1	6	30.02	+26	36	36	9	SE	1	bc	*	47	32	-	
†Yarmouth	29.99	42	ESE	4	bc	30.03	+28	42	41	0	SE	2	6	4	43	39	0.01	
The Helder	29.93	36	E	3	6	30.08	+15	34	33	2	E	1	6	1	37	34	-	
Cape Gris Nez	29.75	44	SE	5	6	29.97	+22	44	43	3	SE	3	6	1	48	41	-	
†Jersey	29.56	47	SE	3	ogm	29.89	+23	47	47	0	SW	2	of	2	48	45	0.19	
Brest	29.58	45	SE	3	6	29.89	+22	45	41	2	N	3	6	7	52	41	0.08	
Lorient	29.57	45	SE	4	0	29.91	?	43	41	6	N	4	bc	5	52	39	0.08	
†Rochefort	29.23	46	NW	1	h	29.86	+21	47	46	3	ENE	1	0	2	52	41	0.83	
Biarritz	29.49	54	S	5	0	29.74	+08	52	50	4	N	4	0	2	57	46	-	
Corunna	29.49	54	S	5	0	29.74	+08	52	50	4	N	4	0	2	57	46	-	
Brussels	29.49	54	S	5	0	29.74	+08	52	50	4	N	4	0	2	57	46	-	
Charleville	29.86	37	SE	7	0	30.01	+12	34	32	1	SE	7	0	*	48	32	-	
Paris	29.73	50	SE	7	bc	30.03	+25	41	39	0	ESE	1	bc	*	*	*	-	
Lyons	29.82	42	NE	1	6	30.02	+08	32	31	5	NNE	1	f	*	63	31	-	
Toulon	29.89	50	E	8	0	29.95	+06	52	48	2	E	9	c	7	67	48	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	23.50	38	SE	2	h	28.76	+36	37	37	2	ESE	2	?	*	39	36	0.03	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnæs	30.22	37	33	SE	7	0	5	Valencia	29.38	49	47	SE	5
Sumburgh Head	29.89	42	42	SE	7	2	8	Sailly	29.48	50	47	SE	0
Stornoway	29.66	46	45	SE	5	0	4	Dover	29.70	45	43	E	4
Aberdeen	29.75	45	44	SE	6	2	7	London	29.65	49	46	SE	2
Shields	29.73	45	44	SE	4	0	7	Yarmouth	29.74	43	42	SE	3
Ardrossan	29.63	45	44	W	2	0	1	Jersey	29.49	48	48	SE	3
Mullaghmore	29.50	47	45	ENE	5	0	4	Rochefort	29.60	50	50	S	7
Holyhead	29.83	47	46	E	3	0	3						

The barometer continues to fall slowly on our SE. coasts as well as at Rochefort, but is rising elsewhere - quickly in the Str. SE. winds continue generally, with cloudy weather in most places and rain at Sumburgh Head and Aberdeen.

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT

F O R

WEDNESDAY, 20TH DECEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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



(SECRETARY.)

Printed by Dangerfield, Loh & Bedford, 10, Cornhill, London.

for 8 a.m. on WEDNESDAY 20TH DECEMBER

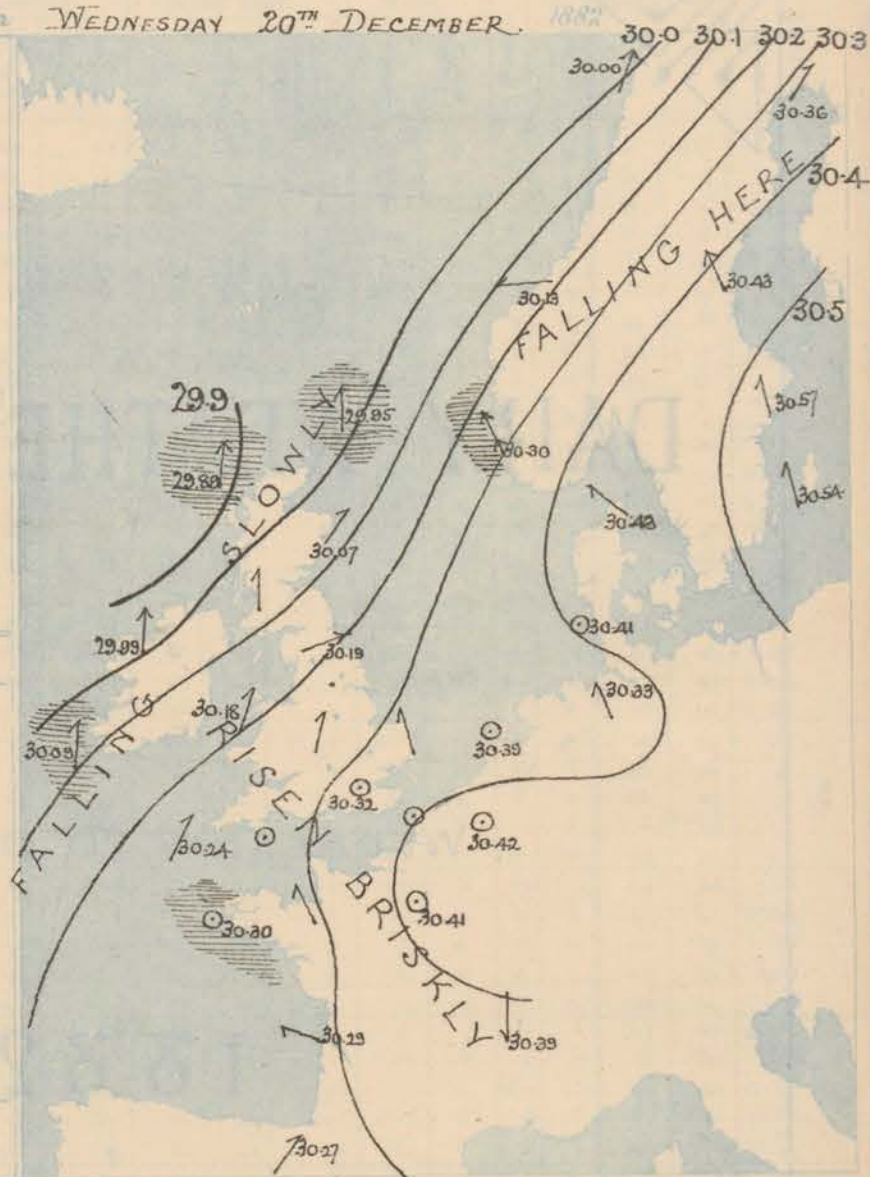
Explanation of Map.

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

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

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

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

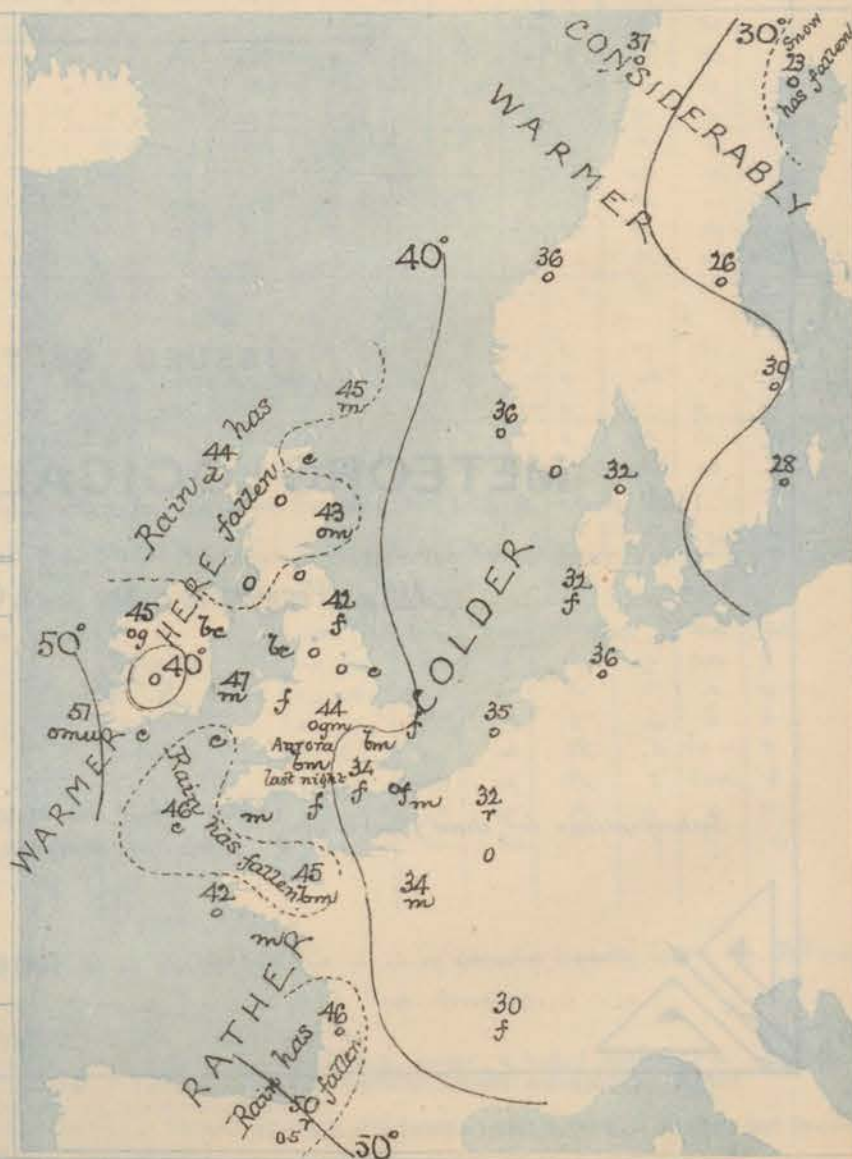


TEMPERATURE AND WEATHER
with RAINFALL in PAST 24 HOURS.

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
AND RAINFALL
for the month of December.

³ The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1860 to 1869.



REMARKS

for WEDNESDAY 20th DEC^r, 1882 at 8 a.m.

In the course of the past twenty-four hours the barometer has continued to rise steadily at all the southern and eastern stations, and although the highest readings are still found over Sweden a second area of high pressure is being formed over France. At the same time a new series of depressions is approaching our western coasts, and the barometer is consequently falling at the Irish and Scotch stations. Moderate S^W and SW^W breezes and cloudy weather prevail in the west and north generally, but in the SE. calms and thick fog are reported. A little rain fell yesterday at some of our western and northern stations. Aurora was seen at Oxford last night. Temperature has risen in the west - quickly in the south of Ireland, but fallen several degrees over France and the SE. of England. Readings now range from 51° at Valencia to 34° in London. The maximum in London and at Cambridge yesterday was as high as 52°. Sea is rather rough at Valencia, and off the N. of Scotland and NW. of France, moderate or smooth elsewhere.

MAP SHOWING
DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the21st DECEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^W and SW ^W winds, strong; cloudy. Some rain.
2 SCOTLAND EAST	S ^W and SW ^W winds, moderate to fresh or strong; fair to cloudy and unsettled.
3 ENGLAND N.E.	-----D°-----D°-----D°-----
4 ENGLAND EAST	Same as N° 5
5 MIDLAND COUNTIES	S ^W winds, light or moderate; fair but misty.
6 ENGLAND SOUTH	Calms or light S ^W breezes; foggy generally, but perhaps clearing tomorrow.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	S ^W or SW ^W winds, moderate to fresh; cloudy to dull and rainy.
7 ENGLAND N.W.	-----D°-----D°-----D°-----
8 ENGLAND S.W.	S ^W winds, moderate or fresh; cloudy, some rain.
9 IRELAND NORTH	S ^W and SW ^W winds, fresh or strong; cloudy, some rain.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	None Issued.

METEOROLOGICAL OBSERVATIONS FOR

20th 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	30.54	24	S	4	0		30.36	- .24	23	23	+ 33	SW	4	0	*		25	-11	0.12
Hernösand	30.54	30	S	6	0		30.43	- .09	26	25	+ 10	S	6	0	*		30	14	-
Stockholm	30.60	26	SSE	2	0		30.57	+ .01	30	28	+ 4	S	2	0	*		30	25	-
Wisby	30.54	25	SSE	2	0		30.54	+ .01	28	27	+ 4	S	4	0	*		30	21	-
Bodö	30.14	25	E	6	0		30.00	- .26	37	36	+ 11	SSW	6	0	4		37	23	-
Christiansund	30.18	36	SE	1	0		30.13	- .05	36	33	+ 5	R	3	0	3		36	27	0.04
†Skudesnæs	30.35	38	SSE	6	0		30.30	+ .05	36	35	- 3	SSE	8	0	5		39	?	-
Oxö (Xiansund)	30.42	28	NNE	4	0		30.41	+ .06	30	28	+ 2	NE	4	0	2		?	27	-
Skagen (The Skaw)	30.45	31	ESE	3	0		30.43	+ .04	32	31	+ 2	SE	2	0	1		32	27	-
Fanö	30.36	32	E	2	0		30.41	+ .17	32	31	0	Z	0	0	*		32	30	-
Cuxhaven	30.19	34	SE	2	0		30.33	+ .22	36	36	+ 1	SE	1	0	*		3	?	-
†Sumburgh Head	30.01	45	S	4	m		29.95	- .06	45	45	0	S	4	m	5		46	43	0.01
†Stornoway	29.96	46	ESE	3	0		29.89	+ .04	44	44	- 1	S	6	d	5		46	43	0.02
Wick	30.00	44	SW	3	bc		29.98	+ .12	45	43	- 1	S	3	0	3		46	42	-
Nairn	30.04	39	Z	0	0		30.00	+ .04	40	39	+ 1	WSW	1	0	1		43	38	0.09
†Aberdeen	30.11	43	S	3	c		30.07	+ .05	43	42	- 1	SW	2	om	4		45	41	0.01
Leith	30.11	36	SW	1	c		30.09	+ .11	45	44	+ 4	SW	1	0	*		46	32	-
†Shields	30.14	43	SSW	3	m		30.19	+ .14	42	42	- 1	WSW	2	f	3		43	39	-
Spurn Head	30.14	42	SE	3	b		30.26	+ .22	40	40	- 2	SSE	3	c	3		43	38	-
York	30.15	47	S	1	0		30.24	+ .20	43	42	0	S	1	0	*		44	41	-
Loughborough	30.16	40	Z	0	0		30.27	+ .27	44	44	+ 5	SSW	2	ogm	*		44	39	-
†Ardrossan	30.08	43	NE	1	0		30.08	+ .11	47	47	+ 6	S	3	0	2		47	40	0.01
†Mullaghmore	30.03	41	WNW	1	c		29.99	+ .10	45	42	+ 5	S	5	og	4		47	39	-
Donaghadee	30.09	46	SE	1	0		30.12	+ .18	45	45	- 1	SW	3	bc	1		46	44	-
Parsonstown	30.12	32	Z	0	bc		30.10	+ .15	39	38	+ 10	SE	2	0	*		39	27	-
Barrow-in-Furness	30.11	43	ESE	2	0		30.18	+ .21	43	43	+ 1	SE	3	bc	2		45	41	-
†Holyhead	30.09	48	SSW	2	m		30.18	+ .27	47	46	+ 3	SSW	2	m	1		49	43	-
Liverpool (Bidston)	30.12	43	SE	3	0		30.21	+ .26	42	42	+ 3	SSE	3	f	3		44	39	-
†Valencia	30.09	44	SE	3	b		30.09	+ .15	51	50	+ 13	SE	5	om	5		52	36	-
Roche's Point	30.09	38	N	1	b		30.14	+ .23	46	45	+ 11	SSW	4	c	4		46	34	-
Pembroke	30.09	46	SE	2	0		30.22	+ .32	47	46	+ 1	S	1	c	3		47	43	0.01
†Scilly	30.06	49	NW	2	0		30.24	+ .38	46	45	- 2	SSW	1	c	4		50	43	0.01
Prawle Point	30.09	48	ESE	2	b		30.28	+ .40	49	48	+ 1	SE	1	m	1		51	43	-
Hurst Castle	30.12	48	E	2	0		30.28	+ .37	42	42	- 6	ESE	1	f	3		50	41	0.02
†Dover	30.19	46	ESE	1	b		30.36	+ .36	38	37	- 5	Z	0	of	0		48	36	-
†London	30.13	47	SE	1	bf		30.32	+ .32	34	34	- 9	Z	0	f	*		52	32	-
Oxford	30.20	43	NE	1	0		30.29	+ .31	41	40	+ 3	SSE	2	bm	*		49	38	-
Cambridge	30.16	40	Z	0	b		30.31	+ .30	35	35	- 1	Z	0	bm	*		52	34	-
†Yarmouth	30.18	42	ESE	2	b		30.33	+ .30	40	40	- 2	SSE	4	f	3		43	39	-
The Holder	30.29	36	c	1	0		30.39	+ .31	35	35	+ 1	CSA	1	0	1		37	34	-
Cape Gris Nez	30.17	45	SW	1	c		30.35	+ .38	39	38	- 5	Z	0	m	0		54	37	-
†Jersey	30.09	48	ESE	1	pd		30.28	+ .39	45	45	- 2	SE	2	bm	2		48	44	0.02
Brest	30.17	45	N	3	b		30.30	+ .41	42	41	- 3	NE	1	0	5		52	41	-
Lorient	30.10	47	NE	3	0		30.25	+ .34	48	48	+ 5	SE	5	m	5		48	39	-
†Rochefort	30.01	50	E	5	n		30.29	+ .48	46	45	- 1	ESE	3	0	2		50	41	0.20
Biarritz	30.05	53	W	4	A		30.27	+ .53	50	47	- 2	SW	3	A	?		55	345	0.47
Corunna	*	*	*	*	*		*	*	*	*	*	*	*	*	*		*	*	*
Brussels	*	*	*	*	*		30.22	+ .38	32	32	- 3	ESE	1	A	*		43	31	-
Charleville	230.20	35	SE	4	0		30.34	+ .33	29	29	- 5	SSE	3	0	*		46	?	-
Paris	30.19	40	E	3	c		30.41	+ .38	34	33	- 7	Z	0	m	*		*	*	-
Lyons	30.23	33	NW	1	f		30.39	+ .37	30	30	- 2	N	1	f	*		35	29	-
Toulon																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.88	39	SE	2	0		28.95	+ .19	41	41	+ 4	E	2	0	*		42	36	-

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	30.31	39	38	SSE	2	0	5	Valencia ...	30.00	49	46	SE	3	bm	4
Sumburgh Head	30.00	45	44	S	5	m	6	Scilly ...	29.98	49	48	NW	4	op	6
Stornoway	29.92	46	46	SSW	5	m	4	Dover ..	30.09	48	45	ESE	1	bm	1
Aberdeen	30.07	45	44	S	3	dm	6	London	30.10	51	48	SE	1	bcg	*
Shields	30.09	43	42	Z	0	m	4	Yarmouth	30.10	43	43	ESE	2	bm	2
Ardrossan	30.04	43	43	NE	1	0	1	Jersey...	30.01	48	48	SSE	1	f	1
Mullaghmore	29.98	43	42	E	3	c	4	Rochefort	29.96	51	50	ESE	3	0	2
Holyhead	30.01	49	47	WSW	3	c	2								

The barometer continues to rise at all stations excepting Valencia, where a slight fall has apparently commenced. The winds are not materially changed. The weather is misty in many places and showery at Scilly.

EXPLANATION OF COLUMNS.

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

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

WEATHER CHARTS

for 8 a.m. on Thursday 21st DECEMBER. 1882

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.

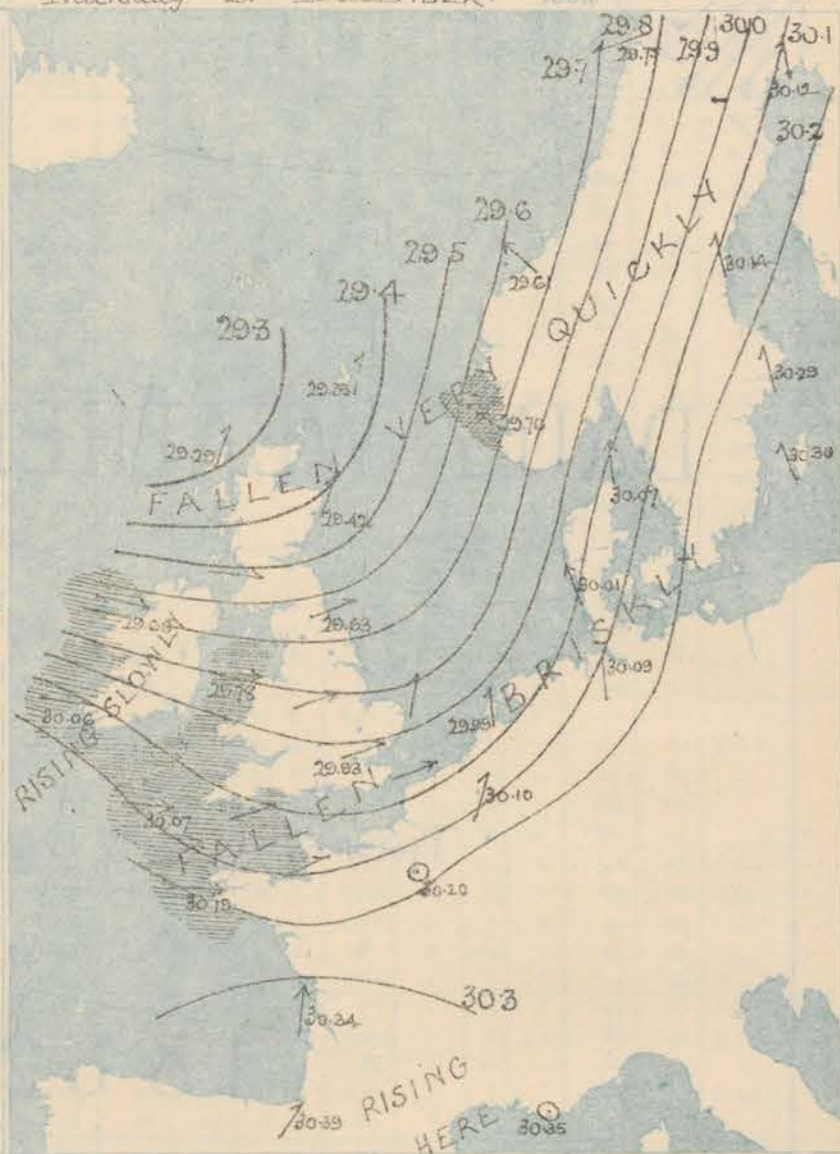
Sea Disturbance, when considerable, is shown by shading round the coast; thus — Rough, — High.

MEAN HEIGHT of the BAROMETER

for the month of December.

Stations	Mean Readings In.
Nairn	29.759
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.804
Greenock	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

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



REMARKS

for Thursday 21st DEC^r 1882 at 8 a.m.

The fall of the barometer noticed yesterday morning on our western and northern coast has since extended to almost all parts of Western Europe, and a rather deep depression has appeared to the north-westward of Scotland. In the south of Ireland, however, the barometer has begun to rise again. Moderate SW^y breezes are reported from the north of Scotland, and strong S^y or SE^y winds on the eastern shores of the North Sea, but over Ireland and England the wind is moderate or fresh from the W^y. Moderate SW^y gales were experienced last evening at some of the western and northern stations. The weather varies considerably in different parts of the country, but the sky is upon the whole cloudy and showers are falling in several places. In the course of the past 24 hours rain has fallen generally. Temperature has changed irregularly, and ranges from 50° at Scilly to 38° at Charn. The sea is rather rough on our west and south-west coasts, moderate or smooth elsewhere.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the22nd DECEMBER.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
11 SCOTLAND NORTH	SW ^y and S ^y winds, moderate or fresh; cloudy, showery.	6 SCOTLAND WEST	Same as No 2
1 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N.W.	Same as No 2
2 ENGLAND N.E.	SW ^y and W ^y winds, fresh or strong; changeable, some rain.	8 ENGLAND S.W.	W ^y to SW ^y winds, fresh or strong; cloudy, showery.
3 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	W ^y to SW ^y winds, moderate to fresh or strong; fair to cloudy and rainy.
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	-----D°-----D°-----D°-----
5 ENGLAND SOUTH	SW ^y and W ^y winds, fresh or strong; cloudy, showery.	WARNINGS	The S. cone which was hoisted yesterday in districts 8, 9, 10 and part of 1, has been lowered this morning in district 10 and a part of 1.

METEOROLOGICAL OBSERVATIONS FOR

21st 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.		Difference from 8 a.m. yesterday.	WIND.	Force. (on 12).	Weather.	Temp. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 19).			Dry.	Wet.						Max.	Min.			
Haparanda	30.18	28	SW	2	0	30.12	29	29	+6	SW	2	0	30	19	0.04			
Hernösand	30.32	26	S	4	0	30.14	31	30	+5	S	4	0	31	23				
Stockholm	30.43	31	ESE	1	0	30.29	28	27	-2	E	2	0	30	23				
Wisby	30.44	31	SSW	4	0	30.30	32	31	+4	E	2	0	32	21				
Bodö	29.91	37	SSW	2	1	29.75	39	38	+2	ESE	2	0	39	36	0.20			
Christiansund	29.95	37	E	1	0	29.61	45	39	+9	SE	5	0	45	34				
†Skudesnaes	30.07	48	SE	9	0	29.70	40	38	+4	SE	9	1	40	36	0.24			
Öxö (Xiansund)	30.34	35	SE	4	0	29.96	35	35	+5	SE	4	0	35	30				
Skagen (The Skaw)	30.35	34	S	2	0	30.07	36	34	+2	S	5	0	36	32				
Faro	30.32	30	SSW	4	0	30.01	32	32	0	SSW	6	m	32	23				
Cuxhaven	30.36	?	SE	1	0	30.09	34	34	-2	E	3	0	35	30				
†Sumburgh Head	29.75	46	S	4	m	29.33	48	42	0	SSW	4	0	49	42	0.11			
†Stornoway	29.58	44	S	5	e	29.29	60	40	39	SSW	4	0	45	37	0.24			
Wick	29.71	44	S	5	0	29.35	63	41	40	WSW	2	C	47	40	0.04			
Nairn	29.69	43	WSW	3	0	29.37	63	38	37	WSW	3	C	46	37				
†Aberdeen	29.82	45	S	6	0	29.42	65	42	40	SSW	3	C	46	41				
Leith	29.86	47	W	2	0	29.48	61	41	39	W	5	0	48	38	0.03			
†Shields	30.03	45	WSW	3	0	29.63	56	43	41	WSW	4	m	46	40	0.03			
Spurn Head	30.09	42	S	3	C	29.71	55	45	44	SW	5	eq	45	39	0.09			
York	30.09	47	S	1	0	29.71	53	43	42	W	6	1	46	42	0.11			
Loughborough	30.15	46	SE	3	0	29.80	47	44	42	WSW	5	eq	48	44	0.11			
†Ardrossan	29.83	47	S	4	1	29.53	55	42	42	W	3	op	43	40	0.25			
†Mullaghmore	29.72	47	SW	5	1	29.53	31	45	42	W	7	op	47	40	0.68			
Dunaghadec	29.81	46	SSW	5	1	29.64	48	42	42	SW	6	C	48	39	0.20			
Parsonstown	29.93	48	SW	2	0	29.89	21	41	38	W	2	0	48	38	0.33			
Barrow-in-Furness	30.05	44	SE	3	0	29.68	50	43	41	SW	4	0	45	41	0.25			
†Holyhead	30.01	48	SSW	4	m	29.78	40	45	42	W	6	0	48	44	0.17			
Liverpool Bidston	30.07	48	ESE	1	0	29.73	48	40	40	WSW	6	0	48	40	0.11			
†Valencia	29.97	51	SW	6	og	29.06	03	48	46	W	4	C	52	45	0.24			
Roche's Point	29.94	45	SW	6	1	29.99	15	42	41	W	3	C	49	40	0.10			
Pembroke	30.11	48	SW	4	C	29.92	30	47	44	W	5	C	49	46	0.21			
†Scilly	30.21	49	SW	5	C	30.07	17	50	48	W	5	0	52	45	0.10			
Prawle Point	30.10	46	SW	2	C	30.03	25	47	46	WSW	4	0	49	45	0.12			
Hurst Castle	30.14	49	SW	3	C	29.98	30	48	48	WSW	6	0	51	42	0.00			
†Dover	30.31	44	SW	3	0	29.99	37	47	46	WSW	6	omp	48	38	0.04			
†London	30.23	45	SSW	3	0	29.93	39	48	47	WSW	3	C	48	34	0.03			
Oxford	30.18	48	SSW	3	0	29.90	39	46	46	SW	4	0	48	39	0.04			
Cambridge	30.22	38	S	1	C	29.84	48	46	45	SW	1	0	47	34	0.06			
†Yarmouth	30.24	41	SE	4	f	29.85	48	45	45	SSW	4	0	45	39	0.07			
The Helder	30.31	34	SE	3	f	29.99	40	33	33	S	3	1	36	32	0.04			
Cape Gris Nez	30.12	43	S	4	0	29.97	38	47	46	SSW	5	0	49	44				
†Jersey	30.30	48	S	2	omp	30.09	19	48	47	WSW	7	omp	49	44				
Brest	30.26	48	W	1	m	30.10	11	50	50	W	5	f	52	41				
Lorient	30.34	50	SW	3	0	30.24	01	51	48	WSW	7	0	49	45				
†Rochefort	30.36	48	SW	4	f	30.34	05	47	47	S	5	f	48	44				
Biarritz	29.37	51	E	3	0	30.39	12	52	47	SW	3	0	55	45				
Cerunna																		
Brussels						30.10	32	35	34	SSW	3	0	35	30				
Charleville	30.38	51	E	3	0			29		E	4	0						
Paris	30.02	38	SE	1	0	30.20	21	36	35	E	1	m						
Lyons																		
Toulon	30.34	49	SE	3	0	30.35	08	46	45	W	0	0	54	45				

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	28.80	41	S	3	0	28.42	52	37	37	WSW	6	0	42	35	0.46			
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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	30.23	37	36	SSE	8	0	6	Valencia	29.99	51	50	SSW	7	rmg	6
Sumburgh Head	29.84	48	44	S	4	m	5	Scilly	30.21	50	48	SW	4	0	5
Stornoway	29.73	45	44	S	7	d	5	Dover	30.32	44	43	SW	3	0	1
Aberdeen	29.96	45	44	S	2	om	3	London	30.29	44	42	SSE	1	0	3
Shields	30.12	46	46	S	2	m	3	Yarmouth	30.22	41	41	S	3	f	2
Ardrossan	29.94	48	47	S	4	0	3	Jersey	30.30	47	47	SW	2	0	2
Mullaghmore	29.74	47	45	SW	7	ag	6	Rochefort	30.34	50	50	SSE	4	f	2
Holyhead	30.10	46	47	SSW	4	m	3								

The barometer is now falling in all parts of our Islands, but is still rising at Rochefort. ^{dry or S.W.} winds prevail generally, and blow with the force of a moderate gale on our eastern or and N.W. coasts, where, also, rain is falling. Intermittent fog continues in London.

EXPLANATION OF COLUMNS.

WEATHER.—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. (Christiansia time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 6 p.m.
 † These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

FRIDAY, 22ND DEC. ^{R.}_{W.}

1882

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 Friday, 22nd DECEMBER, 1882

BAROMETER, WIND & SEA

Explanation of Map.

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

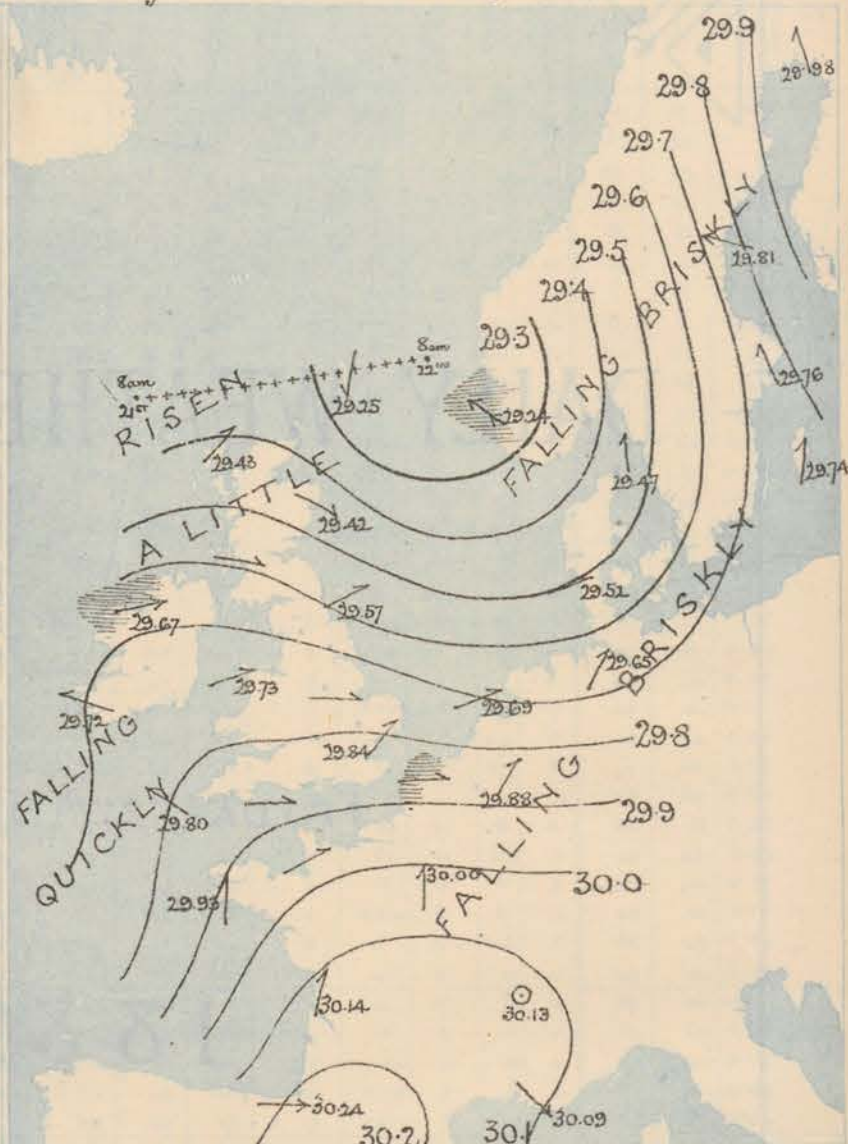
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10;
 — forces 8 to 10;
 — forces 5 to 7;
 — forces 1 to 4;
 ○ - dead calm.

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

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

Stations.	Mean Readings Inch.
Nairn	29.759
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.804
Greenock	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

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



REMARKS

For FRIDAY 22ND DEC^R 1882 at 8 a.m.

The large depression which lay to the westward of the Hebrides yesterday morning is now found off the west of Norway, but a subsidiary disturbance is approaching our south-west coast, and the rise of the barometer which occurred generally yesterday has been succeeded by a fresh fall. The wind is light or moderate in force on all our coast, at Valencia and Scilly it has backed to ESE., but at the other stations it is generally W^{ly} or SW^{ly}. Fine bright weather prevails in Scotland and the greater part of England, but in the south-west of our Islands and west of France the sky is overcast, and steady rain is falling. Showers fell yesterday in almost all districts. Temperature has fallen generally and ranges from 45° at Scilly to 36° at Donaghadee, Cambridge, and in London. The maximum readings reported this morning are a little higher than those of the previous day. The sea is rather rough at Mullaghmore, moderate or slight elsewhere.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the23RD DECEMBER.

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

11 SCOTLAND
NORTHLight winds, chiefly W^{ly}; fair
to cloudy and some rain.6 SCOTLAND
WESTSame as N^o 0 to 2.1 SCOTLAND
EAST

-----D°-----D°-----D°-----

7 ENGLAND
N.W.Varying winds, finally W^{ly} or NW^{ly}
cloudy and rainy.2 ENGLAND
N.E.

-----D°-----D°-----D°-----

8 ENGLAND
S.W.S^{ly} to W^{ly} or NW^{ly} winds, strong to a
gale, dull and rainy at first, some
improvement later.3 ENGLAND
EASTS^{ly} to W^{ly} or NW^{ly} winds, freshening;
weather becoming dull, squally and
rainy.9 IRELAND
NORTHModerate winds, chiefly W^{ly};
cloudy, some rain.4 MIDLAND
COUNTIES

-----D°-----D°-----D°-----

10 IRELAND
SOUTHS^{ly} winds, veering to N. or NW. and
increasing; dull and rainy at first.
Some improvement later.5 ENGLAND
SOUTHSW^{ly} to W^{ly} or NW^{ly} winds, increasing
considerably; weather becoming
squally and wet.

WARNINGS

The south cone is still up in districts
9 and 10, and has been hoisted this
morning in district 8.

METEOROLOGICAL OBSERVATIONS FOR

22nd 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	30.03	29	S	4	0		29.98	- 14	29	29	0	S	4	S	*		30	23	0.12
Hernösand	30.05	32	S	6	0		29.81	- 33	31	30	0	ESE	6	S	*		36	25	0.04
Stockholm	30.04	31	S	6	0		29.76	- 53	31	30	+ 3	ESE	4	C	*		32	25	-
Wisby	30.02	31	S	6	0		29.74	- 56	32	31	0	SSW	4	C	*		34	28	-
Boö																			
Christiansund																			
†Skudesnaes	29.49	40	SE	8	f		29.24	- 14	37	36	- 3	ESE	8	A	5		41	?	-
Oxö (Xuanund)																			
Skagen (The Skaw)	29.69	33	SSE	4	0		29.47	- 60	35	35	+ 1	S	3	M	2		?	30	-
Fanö	29.59	36	SW	2	C		29.32	- 49	36	35	+ 4	WSW	4	B	*		37	30	0.08
Cuxhaven	29.75	37	SSW	4	A		29.65	- 44	37	37	+ 3	SW	4	C	*		37	30	0.28
†Sumburgh Head	29.23	41	S	3	C		29.25	- 08	38	37	- 7	N	1	C	3		45	36	0.08
†Stornoway	29.37	44	WNW	7	bcy		29.43	+ 12	37	36	- 3	SW	3	bc	3		44	34	0.06
Wick	?	40	WNW	6	bc		29.38	+ 03	38	37	- 3	NW	2	C	2		41	37	0.25
Nairn	29.36	40	WSW	2	0		29.46	+ 09	37	36	- 1	WSW	1	C	2		42	36	0.30
†Aberdeen	29.42	40	SW	2	bc		29.42	- 00	39	37	- 3	WNW	3	C	3		43	37	0.02
Leith	29.56	41	W	5	C		29.34	+ 06	40	38	- 1	WSW	3	C	*		44	38	-
†Shields	29.61	43	W	6	bc		29.57	- 06	39	39	- 4	WSW	4	M	2		45	37	-
Spurn Head	29.69	43	W	6	bc		29.65	- 06	39	38	- 6	SW	4	C	2		45	38	0.01
York	29.73	44	W	4	bc		29.66	- 05	41	39	- 2	W	3	C	*		46	38	0.05
Loughborough	29.83	42	WNW	4	C		29.76	+ 04	38	36	- 6	W	1	C	*		47	37	-
†Ardrossan	29.63	45	WNW	4	bp		29.58	+ 05	43	43	+ 1	W	2	bcy	2		47	39	0.15
†Mullaghmore	29.82	46	W	7	ogq		29.67	- 01	42	40	- 8	WSW	5	omg	5		47	39	0.12
Donaghadee	29.76	41	NW	5	C		29.67	+ 03	36	35	- 6	WSW	2	C	0		45	35	0.02
Parsonstown	29.96	43	NW	2	C		29.75	- 14	41	40	0	S	1	C	*		46	38	0.02
Barrow-in-Furness	29.76	43	SW	6	C		29.68	- 00	43	42	0	W	4	C	4		45	41	-
†Holyhead	29.86	45	W	6	bc		29.73	- 05	42	40	- 3	WSW	2	C	1		46	40	-
Liverpool (Moston)	29.83	43	WSW	5	C		29.72	- 01	39	38	- 4	WSW	4	C	3		45	29	0.02
†Valencia	30.07	47	W	4	q.m.		29.72	- 34	42	42	- 6	ESE	3	omg	3		52	41	0.36
Roche's Point	30.03	43	WNW	4	C		29.75	- 24	42	41	0	WSW	2	C	4		48	41	0.20
Pembroke	30.00	47	W	5	C		29.78	- 14	46	45	- 1	W	3	bc	2		47	45	-
†Scilly	30.11	47	WNW	5	0		29.80	- 27	44	43	- 6	ESE	4	A	4		51	43	0.29
Prawle Point	30.10	45	W	4	C		29.82	- 15	44	43	- 3	W	3	A	3		47	42	0.05
Hurst Castle	30.02	44	WNW	4	C		29.86	- 12	44	42	- 4	WNW	3	C	3		49	42	0.03
†Dover	29.94	42	W	4	C		29.88	- 18	40	38	- 7	W	4	C	2		48	38	0.02
†London	29.95	42	W	2	by		29.84	- 09	36	35	- 12	SW	2	C	*		49	35	-
Oxford	29.95	40	W	3	C		29.81	- 09	39	38	- 7	SW	3	C	*		48	39	0.02
Cambridge	29.88	42	W	2	bc		29.79	- 05	36	35	- 10	SW	1	C	*		48	34	-
†Yarmouth	29.83	43	W	5	C		29.76	- 09	37	36	- 8	WSW	3	C	3		47	35	-
The Helder	29.75	42	WSW	5	C		29.69	- 30	42	40	+ 9	WSW	4	C	3		43	33	0.12
Cape Gris Nez	29.96	46	W	2	C		29.86	- 11	46	46	- 1	W	?	C	6		50	39	-
†Jersey	30.10	48	WNW	4	C		29.92	- 17	45	44	- 3	WSW	3	omg	3		50	44	0.20
Brest	30.19	49	WNW	3	0		29.93	- 26	47	46	- 3	S	4	A	2		52	45	0.20
Lorient	30.20	49	NW	5	0		29.93	- 26	47	46	- 4	SW	4	A	4		?	46	0.20
†Rochefort	30.25	52	W	5	0		30.14	- 20	48	48	+ 3	SSW	3	A	2		54	41	0.35
Biarritz	30.36	57	W	5	0		30.24	- 15	52	51	0	W	7	A	4		57	46	0.20
Coranna	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels	*	*	*	*	*		29.88	- 22	36	35	+ 1	SW	3	C	*		43	35	0.08
Charleville	29.99	41	S	4	0		29.93	- 1	35	33	+ 6	S	4	C	*		41	?	0.16
Paris	30.08	48	SW	4	0		30.00	- 20	39	38	+ 3	S	3	C	*		*	*	0.04
Lyons	30.28	33	NW	1	?		30.13	- 15	38	38	- 1	E	1	C	*		38	32	0.20
Toulon	30.27	47	NW	3	?		30.09	- 26	46	44	0	NW	7	bc	4		52	45	-

HIGH LEVEL STATION.

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

Hawes Junction	29.49	39	WSW	4	0		29.40	- 02	36	36	- 1	W	3	C	*		38	33	0.42
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.56	40	38	SE	8	n	7	Valencia	30.08	49	48	W	4	om	4
Sumburgh Head	29.26	42	41	SSW	3	C	4	Scilly	30.11	50	46	WNW	6	C	5
Stornoway	29.33	43	42	WNW	5	q.p	4	Dover	29.90	46	44	W	4	C	3
Aberdeen	29.39	42	40	SW	1	C	3	London	29.89	48	43	W	5	C	*
Shields	29.57	44	41	WSW	5	0	2	Yarmouth	29.78	45	43	N	4	C	3
Ardrossan	29.56	46	45	W	5	C	2	Jersey	30.10	47	46	WNW	3	0	4
Mullaghmore	29.81	47	43	WNW	7	cgmg	6	Rochefort	30.28	51	50	SSW	5	0	2
Holyhead	29.83	46	43	W	6	C	5								

The rise of the barometer noticed in the S. of Ireland this morning has extended to all the W. and NW stations, but in the E. the mercury still falls. W. winds continue generally, and blow a moderate gale at Mullaghmore. Weather is fair in the SE, cloudy in the W. & N.

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiana 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, 23RD DECEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on SATURDAY 23rd DECEMBER 1885

BAROMETER, WIND & SEA

Explanation of Map.

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

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

Wind. Arrows show the prevalent winds.

They fly with the wind, and their

barbs and feathers refer to force, thus:

→ forces above 10; → forces 8 to 10;

→ forces 5 to 7; → forces 1 to 4;

○ dead calm.

Sea Disturbance, where considerable, is

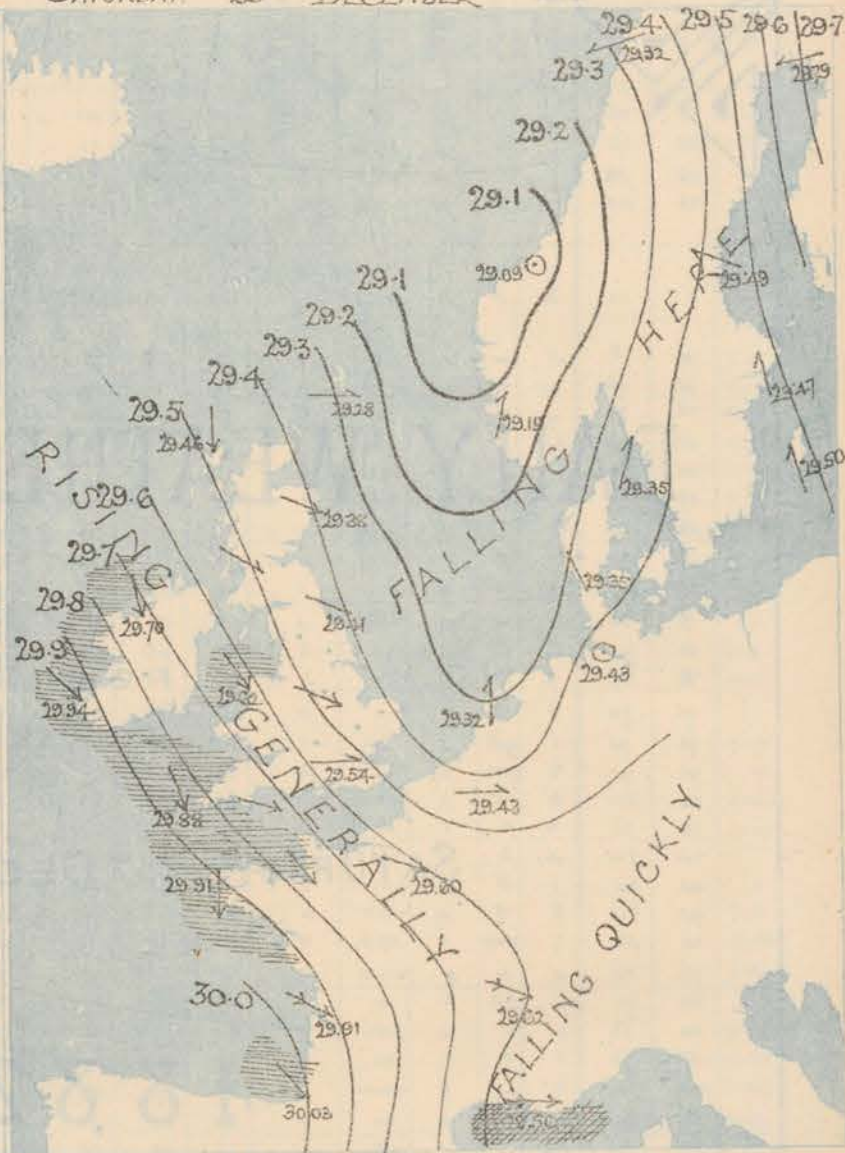
shown by shading round the coast, thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of December.

Stations.	Mean Readings.
	Ins.
Nairn	29.72
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.807
Greenock	29.791
Holyhead	29.837
Valencia	29.868
Roche's Pt.	29.837
Plymouth	29.902
LONDON	29.916
Yarmouth	29.881

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for

each 10°. Changes in temperature since

previous morning are stated in words.

Weather. Letters of the Beaufort Scale

show state of Weather at 8 a.m.

Rainfall. A dotted line separates the

districts in which rain has fallen from

those where there has been none.

Falls of 0.6 in. or more, are quoted

in figures.

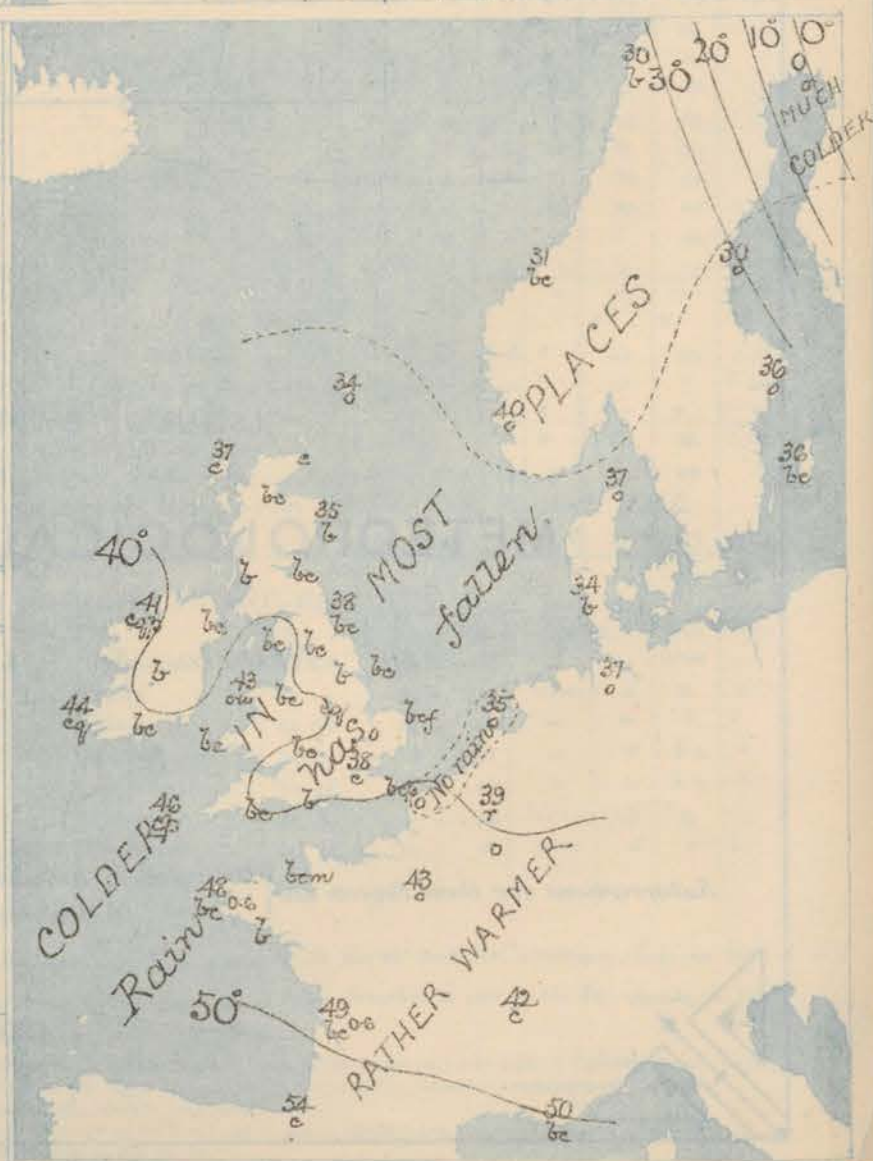
MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of December.

Stations	Temp.	Rain-fall
	°	ins.
Southbury Head	41.2	3.32
Stornoway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.9	2.67
Mullaghmore	42.0	7
Holyhead	43.4	1.67
Parsonstown	42.6	3.08
Valencia	43.6	6.22
Scilly (St Mary's)	46.7	4.02
Burst Castle	43.2	7
Dover	41.0	3.54
LONDON	41.0	2.19
Yarmouth	40.3	3.42

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



REMARKS

for Saturday 23rd DEC^r 1882 at 8 a.m.

During the latter part of yesterday several small depressions appeared over the more northern districts and a well defined subsidiary disturbance advanced over our south-west coast so that a rather brisk fall of the barometer took place generally. The northern depression are now passing away over the North Sea, while the south-western one has entirely disappeared, and the mercury is therefore rising again in all parts of our Islands. The wind has veered to the NW^{ly} generally, and varies in strength from a light breeze in the E. and N. to a moderate gale at a few of the western stations. The weather is fair in almost all districts, but showers are reported from a few stations. In the course of yesterday rain fell generally. Temperature has fallen a little in most places, and ranges from 46° at Scilly to 34° at Lumburgth and Wick. The sea is rough on some parts of our western and south-western coast, moderate or smooth elsewhere.

NOTICE. The report for Sunday, the 24th, will be issued on Wednesday the 30th Inst, and that for Christmas Day on Thursday the 31st. The Weekly Weather Report will not be issued until Monday the 1st of Jan'y.

MAP SHOWING
DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the24th DECEMBER

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

DISTRICTS

FORECASTS

11 SCOTLAND NORTH	NW ^{ly} and N ^{ly} winds, moderate or fresh; unsettled, some showers of snow or sleet.
1 SCOTLAND EASTD°.....D°.....D°.....
2 ENGLAND N.E.D°.....D°.....D°.....
3 ENGLAND EAST	Same as No 5
4 MIDLAND COUNTIES	Same as No 5.
5 ENGLAND SOUTH	NW ^{ly} winds, moderate and fresh; fair on the whole, but some cold showers.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as No 0 to 2.
7 ENGLAND N.W.	NW ^{ly} winds, fresh and strong; unsettled, some cold showers.
8 ENGLAND S.W.D°.....D°.....D°.....
9 IRELAND NORTHD°.....D°.....D°.....
10 IRELAND SOUTH	NW ^{ly} winds, fresh; fair on the whole.
WARNINGS	The S. Cone is still up in district No 8.

METEOROLOGICAL OBSERVATIONS FOR

23rd DEC.

1882

† YESTERDAY EVENING.							8 A.M. TO DAY.								PAST 24 HOURS.			
STATIONS.	Baromet. 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	29.83	9	SE	4	0	29.79	- .12	0	0	- .29	E	1	0	*	30	9	-	
Hernösand	29.62	31	SE	8	0	29.49	- .32	30	?	- .1	SE	4	0	*	?	28	0.20	
Stockholm	29.88	35	S	3	Λ	29.47	- .29	36	35	+ .5	S	4	0	*	36	30	0.04	
Wisby	29.57	37	SSW	4	Λ	29.50	- .24	36	36	+ .4	S	4	bc	*	37	28	0.16	
Bodö	29.37	32	E	4	bc	29.32	- .22	30	25	- .5	ESE	4	bc	2	37	28	-	
Christiansund	29.13	35	SSE	1	bc	29.09	- .20	31	29	- .10	Z	0	bc	3	?	28	-	
† Skudesnaes	29.13	35	Z	0	C	29.19	- .05	40	39	+ .3	SSW	2	0	4	?	36	-	
Oxö (Xiansund)	29.18	40	SSW	4	0	29.25	- .12	35	34	- .1	Z	0	m	3	?	34	-	
Skagen (The Skaw)	29.30	37	SSW	5	Λ	29.33	- .14	37	37	+ .2	SSW	3	0	2	37	32	0.04	
Fanö	29.39	36	SSW	4	bc	29.35	- .17	34	33	- .2	SSE	4	bc	*	37	33	0.20	
Cuxhaven	29.56	?	SW	4	0	29.43	- .22	37	37	0	E	1	0	*	37	32	0.20	
† Sumburgh Head	29.16	38	N	2	bc	29.18	+ .03	34	33	- .4	W	1	0	1	42	33	0.11	
† Stornoway	29.22	35	WNW	3	opts	29.46	+ .03	37	35	0	N	5	C	4	38	33	0.32	
Wick	29.20	32	Z	0	0	29.37	- .01	34	33	- .4	WNW	2	c	2	39	30	0.02	
Nairn	29.19	37	WSW	1	bc	29.42	- .04	35	34	- .2	WSW	3	bc	2	39	34	0.02	
† Aberdeen	29.23	37	SSW	1	0	29.38	- .04	35	34	- .4	WNW	2	bc	1	41	34	0.11	
Leith	29.28	39	W	2	Λ	29.43	- .11	38	35	- .2	W	3	bc	*	42	35	0.26	
† Shields	29.38	41	WSW	2	C	29.41	- .16	38	36	- .1	WNW	3	bc	2	43	35	0.01	
Spurn Head	29.45	39	SW	4	0	29.37	- .28	38	37	- .1	WNW	5	bc	3	41	37	0.05	
York	29.46	40	SSW	2	0	29.42	- .24	38	36	- .3	NNW	3	bc	*	46	35	0.08	
Loughborough	29.52	38	SSE	1	0	29.43	- .28	40	38	+ .2	WNW	6	cq	*	43	36	0.03	
† Ardrossan	29.30	42	N	3	0	29.49	- .09	39	39	- .4	NW	1	bc	1	45	38	0.11	
† Mullaghmore	29.47	43	WNW	6	cpq	29.70	+ .03	41	39	- .1	NNW	7	cpq	6	45	40	0.16	
Donaghadee	29.39	41	WNW	3	c	29.61	- .06	37	37	+ .1	NW	5	bc	3	42	35	0.15	
Parsonstown	29.57	42	NNW	3	0	29.81	+ .06	37	35	- .4	W	1	bc	*	43	36	0.03	
Barrow-in-Furness	29.33	43	WSW	3	0	29.51	- .17	41	39	- .2	NW	4	bc	3	45	38	0.09	
† Holyhead	29.48	44	WSW	3	d	29.62	- .11	43	41	+ .1	NW	7	ou	6	46	41	0.05	
Liverpool (Bidston)	29.46	41	SW	2	0	29.54	- .18	40	38	+ .1	W	6	bc	4	44	39	0.04	
† Valencia	29.72	46	NW	5	cq	29.94	+ .22	44	42	+ .2	NW	5	cq	4	48	41	0.12	
Roche's Point	29.67	40	WNW	4	0	29.86	+ .11	41	39	- .1	NW	5	bc	4	46	40	0.05	
Pembroke	29.55	44	NW	2	Λ	29.74	- .04	44	40	- .2	WNW	6	bc	5	46	43	0.06	
† Scilly	29.54	50	NNW	6	cp	29.89	+ .09	46	44	+ .2	NW	6	cp	6	51	43	0.27	
Prawle Point	29.53	44	SE	2	Λ	29.75	- .13	40	38	- .4	WNW	5	bc	4	44	40	0.05	
Hurst Castle	29.54	43	WSW	1	C	29.64	- .22	40	38	- .4	NNW	4	bc	2	48	38	0.09	
† Dover	29.57	44	SSW	3	bc	29.50	- .35	39	37	- .1	NW	5	bc	3	45	37	0.16	
† London	29.58	39	SW	2	0	29.54	- .30	38	36	+ .2	W	3	C	*	47	36	0.06	
Oxford	29.50	41	SSW	1	0	29.57	- .24	38	36	- .1	W	4	bc	*	46	37	0.11	
Cambridge	29.55	35	Z	0	0	29.47	- .32	38	37	+ .2	W	1	0	*	47	32	0.04	
† Yarmouth	29.50	38	SW	2	bc	29.38	- .38	36	35	- .1	WNW	4	bc	3	41	34	0.04	
The Helder	29.51	40	WSW	1	bc	29.32	- .37	35	35	- .7	S	1	0	2	43	34	-	
Cape Gris Nez	29.60	43	SW	4	Λ	29.49	- .37	41	39	- .5	NW	7	0	2	50	39	-	
† Jersey	29.48	45	ESE	2	0	29.76	- .16	45	41	0	NW	6	bc	5	50	42	0.42	
Brest	29.60	32	NW	7	Λ	29.41	- .02	48	42	+ .1	N	7	bc	5	54	45	0.59	
Lorient	29.62	52	WNW	8	Λ	29.87	- .11	46	42	- .1	NNW	8	bc	6	52	43	0.43	
† Rochefort	29.79	54	WNW	12	Λ	29.91	- .23	49	45	- .1	NW	9	bc	4	55	45	0.59	
Biarritz	30.07	56	W	8	0	30.03	- .21	54	48	+ .2	NW	7	c	5	57	46	0.04	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	29.43	- .45	37	38	+ .3	W	3	Λ	*	41	?	0.12	
Charleville	29.70	38	S	4	0	29.41	- .57	36	35	+ .1	SE	4	0	*	39	34	0.24	
Paris	29.65	43	SW	3	0	29.60	- .40	43	39	+ .4	WNW	5	0	*	*	*	?	
Lyons	29.87	39	SE	4	Λ	29.62	- .51	42	39	+ .4	WNW	9	C	*	46	37	0.39	
Toulon	29.97	46	NW	5	0	29.56	- .53	50	49	+ .4	W	9	bc	7	52	45	0.08	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.18	37	W	4	Λ	28.22	- .18	33	32	- .3	NW	3	bc	*	38	32	0.29	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	29.13	37	36	ESE	6	8	Valencia ...	29.70	46	45	W	2	Λ	3
Sumburgh Head	29.19	40	39	WNW	3	C	Scilly ...	29.54	51	51	W	1	Λ	5
Stornoway ...	29.26	38	37	SW	4	ops	Dover ..	29.68	44	42	W	3	bc	2
Aberdeen ...	29.34	40	38	SW	1	bc	London ...	29.67	46	42	WSW	3	C	*
Shields ...	29.47	43	41	WSW	3	bc	Yarmouth ...	29.65	41	39	W	3	bc	3
Ardrossan ...	29.43	44	44	WSW	3	C	Jersey ...	29.64	43	43	SE	3	0	3
Mullaghmore ...	29.52	44	43	W	6	q p	Rochefort ...	29.92	54	53	WNW	9	Λ	4
Holyhead ...	29.59	45	43	WSW	2	WV								

The barometer continues to fall generally and a large depression is apparently advancing towards our N. coast, while a small subsidiary disturbance is found near Sicily. Light or moderate W. winds are general, with fair weather in the E, and rain at several W. stations.

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT

FOR

SUNDAY 24TH DECEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

(SECRETARY)

WEATHER CHARTS

for 8 a.m. on Sunday 24th Dec^r 1882

BAROMETER, WIND & SEA

Explanation of Map.

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

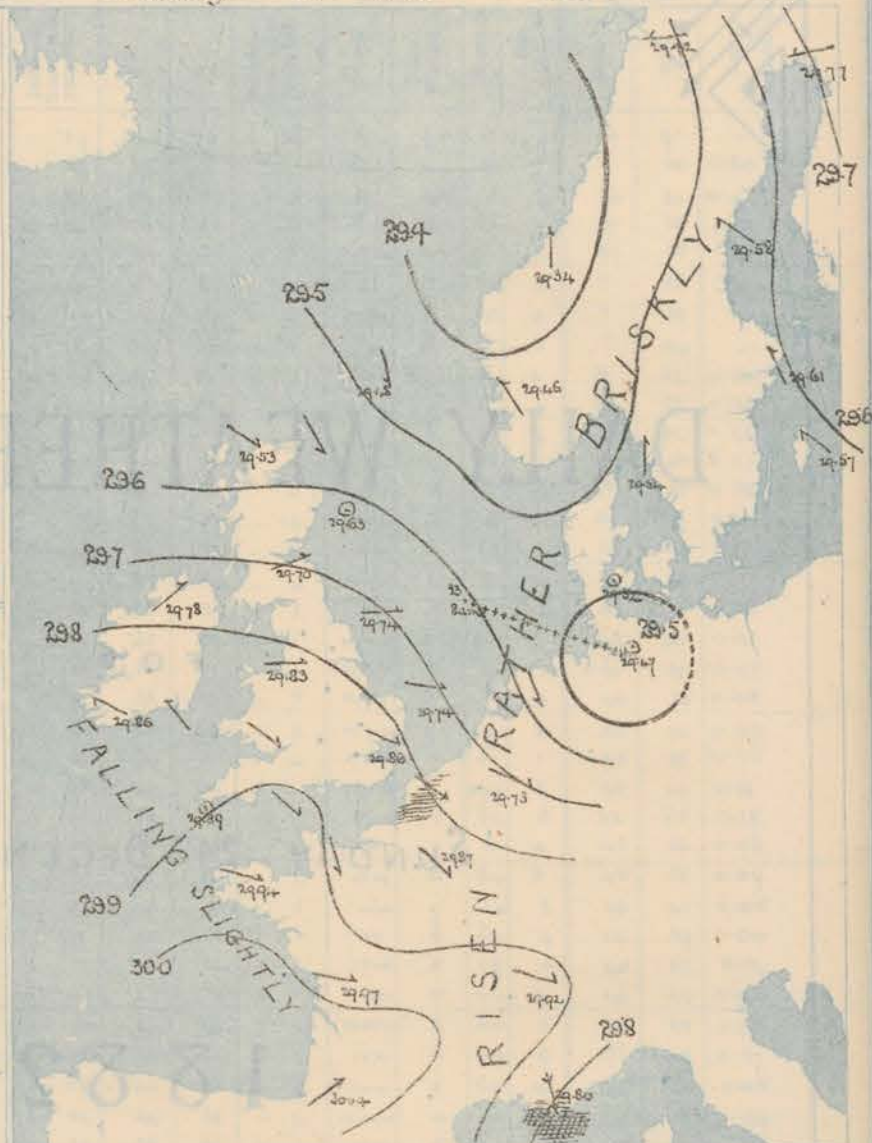
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10
 → forces 5 to 7; → forces 1 to 4;
 ⊙ dead calm.

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

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

Stations.	Mean Readings Ins.
Nairn	29.72
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.804
Greenacastle	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

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



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map.

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

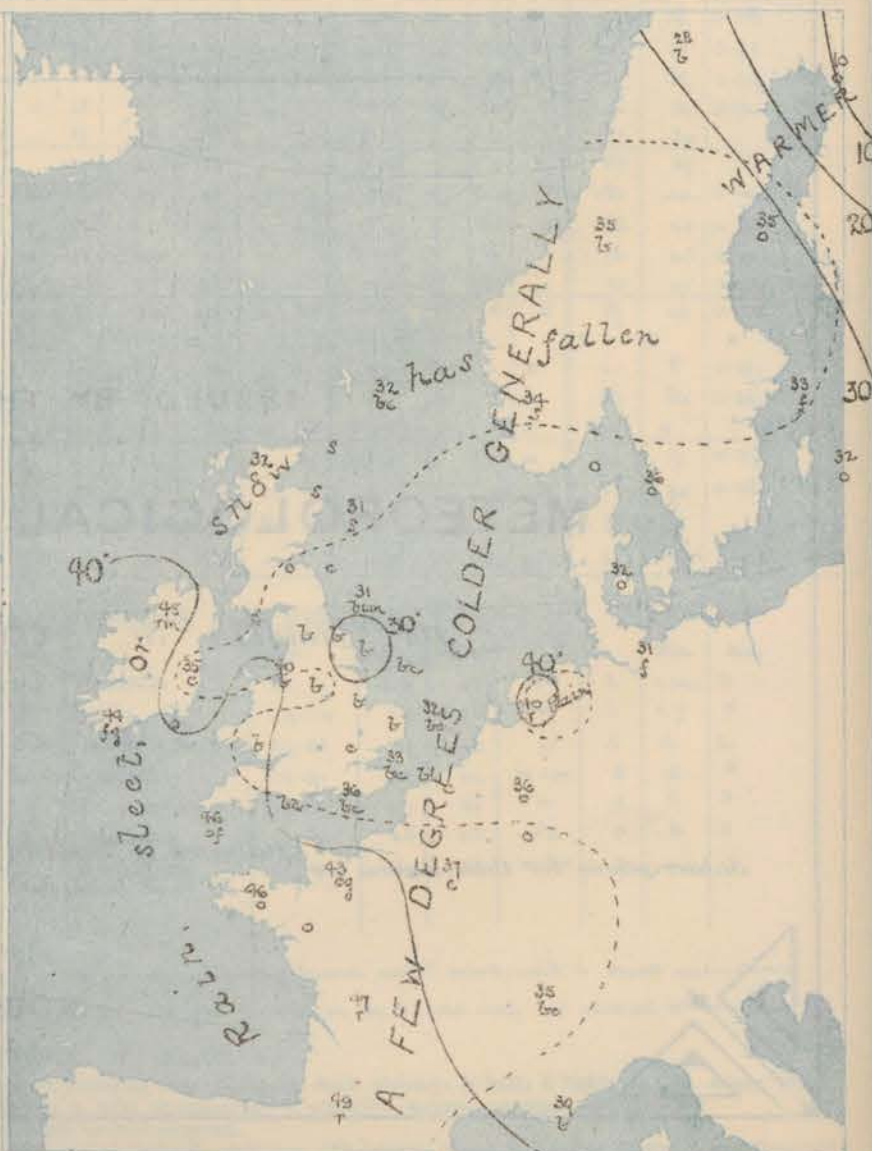
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

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

Stations	Temp	Rain-fall
	°	ins.
Sumburgh Head	41.2	3.32
Sarnoway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
Kirk	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valencia	43.6	6.22
Sally (St Mary's)	46.7	4.02
Howe Castle	43.2	?
Dover	41.0	3.54
LONDON	41.0	2.19
Yarmouth	40.3	3.42

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



REMARKS

for Sunday 24th DEC^r 1882 at 8 a.m.

In the course of the past 24 hours the barometer has risen considerably over the British Islands and France, and readings now vary from about 30.0 ins. over the Southern part of the Bay of Biscay, to 29.3 ins. off the west of Norway. W^{ly} and NW^{ly} winds prevail over Great Britain, but have fallen light in force, while in Ireland they have been succeeded by variable S^{ly} and SE^{ly} air. Temperature has fallen generally, and appears to be now rising again in the far W.; the present readings over our Islands vary from 46° at Scilly to 31° at Aberdeen. Fine bright weather prevails over England, but a few high (cirrus) clouds are appearing in some places, and are moving from NW. Snow is falling in Scotland, while dull weather, with rain or fog in places, is reported from Ireland. The sea is moderate to smooth, except at Cape Gristey and Toulon, where it is rough.

A new depression is apparently coming toward Ireland from the SW^{ly}, while the old disturbances in the E. and NE. are dispersing.

MAP SHOWING
DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the

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

DISTRICTS

1 SCOTLAND
NORTH2 SCOTLAND
EAST3 ENGLAND
N.E.4 ENGLAND
EAST5 MIDLAND
COUNTIES6 ENGLAND
SOUTH

FORECASTS

NONE
ISSUED

DISTRICTS

6 SCOTLAND
WEST7 ENGLAND
N.W.8 ENGLAND
S.W.9 IRELAND
NORTH10 IRELAND
SOUTH

WARNINGS

FORECASTS

NONE
ISSUED

METEOROLOGICAL OBSERVATIONS FOR 24th 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.	
			Dirac.	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.	Dirac.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.76	8	E	2	c	29.77	- .02	10	10	+ 10	E	2	o	*	?	0	-	
Hernösand	29.49	35	SE	1	o	29.58	+ .09	35	34	+ 5	SE	1	o	*	39	?	0.08	
Stockholm	29.59	33	S	2	o	29.61	+ .14	33	33	- 3	SSE	2	f	*	37	32	-	
Wisby	29.54	35	SSE	4	o	29.57	+ .07	32	30	- 4	SE	4	o	*	37	32	0.04	
Bodö	29.36	30	ENE	4	b	29.42	+ .10	28	26	- 2	E	4	b	2	30	28	-	
Christiansund	29.28	37	SW	3	c	29.34	+ .25	35	31	+ 4	S	1	b	3	37	28	0.16	
†Skudesnaes	29.36	38	Z	0	o	29.46	+ .27	34	34	- 6	SE	2	s	3	?	?	-	
Oxö (Xiansund)	29.38	37	S	4	o	29.47	+ .22	36	35	+ 1	SSE	4	o	3	37	34	-	
Skagen (The Skaw)	29.47	36	SW	2	o	29.52	+ .21	36	35	- 1	S	2	o	2	37	34	-	
Fanö	29.46	33	SSE	4	m	29.52	+ .17	32	32	- 2	Z	0	o	*	34	32	-	
Cuxhaven	29.43	?	ESE	1	o	29.47	+ .04	31	31	- 6	Z	0	f	*	?	28	-	
†Sumburgh Head	29.39	32	NNW	4	s	29.48	+ .20	32	?	- 2	NNW	4	bc	3	38	30	0.06	
†Stornoway	29.62	32	WNW	2	s	29.53	+ .107	32	32	- 5	NN	3	c	2	37	30	0.25	
Wick	29.51	33	NNW	2	s	29.53	+ .16	32	31	- 2	NN	2	s	2	35	26	0.10	
Nairn	29.59	33	WNW	1	b	29.60	+ .18	33	33	- 2	N	1	s	1	36	30	0.08	
†Aberdeen	29.55	32	NN	4	b	29.63	+ .25	31	31	- 4	Z	0	s	1	38	29	0.01	
Leith	29.62	34	W	2	b	29.67	+ .24	36	33	- 2	W	2	c	*	40	31	-	
†Shields	29.64	38	NW	3	b	29.74	+ .33	31	30	- 7	W	3	bc	2	40	29	-	
Spurn Head	29.56	39	NNW	5	b	29.71	+ .34	34	24	- 4	NNW	4	bc	3	40	34	-	
York	29.60	38	W	3	b	29.78	+ .36	29	29	- 9	W	1	b	*	43	29	-	
Loughborough	29.66	37	WNW	4	b	29.81	+ .33	33	32	- 7	W	2	b	*	42	32	-	
†Ardrossan	29.66	39	W	2	c	29.70	+ .21	41	41	+ 2	WSW	4	o	3	42	32	-	
†Mullaghmore	29.80	43	NNW	6	c	29.78	+ .05	41	40	0	SW	3	m	4	44	40	0.01	
Donaghadee	29.74	37	WNW	2	bc	29.78	+ .17	35	34	- 2	SW	3	c	1	42	32	0.02	
Parsonstown	29.86	40	W	1	o	29.89	+ .05	35	34	- 2	S	1	c	*	42	35	-	
Barrow-in-Furness	29.64	39	NW	3	bc	29.79	+ .28	35	34	- 6	E	1	b	1	44	33	-	
†Holyhead	29.75	43	NW	6	c	29.83	+ .21	40	37	- 3	N	1	b	0	43	38	-	
Liverpool (Bidston)	29.71	40	W	4	bc	29.87	+ .37	37	25	- 3	WNW	2	b	3	42	37	0.04	
†Valencia	29.8	45	WNW	3	omg	29.86	+ .08	44	44	0	ESE	2	fs	1	48	42	0.04	
Roche's Point	29.89	402	WNW	4	c	29.86	+ .00	40	38	- 1	SE	1	o	4	46	38	0.01	
Pembroke	29.83	45	NNN	5	bc	29.87	+ .13	42	39	- 2	WNW	2	b	1	45	41	-	
†Scilly	29.91	48	NW	6	o	29.89	+ .01	40	40	0	Z	0	of	4	48	44	0.03	
Prawle Point	29.89	40	WNW	4	c	29.91	+ .16	38	37	- 2	NW	2	bc	2	45	36	0.06	
Hurst Castle	29.77	40	NNW	5	b	29.88	+ .24	36	35	- 4	NNN	4	bc	3	44	35	-	
†Dover	29.62	40	NW	5	b	29.79	+ .29	35	34	- 4	NW	4	b	2	43	34	-	
†London	29.70	43	NW	4	b	29.86	+ .28	33	32	- 5	WNW	2	bc	*	43	31	-	
Oxford	29.75	36	WNW	3	b	29.86	+ .29	34	33	- 4	H	2	c	*	43	32	-	
Cambridge	29.62	38	WNW	2	c	29.80	+ .23	33	32	- 5	WNW	1	b	*	43	31	-	
†Yarmouth	29.55	37	WNW	4	b	29.74	+ .36	32	31	- 4	WNW	3	bc	3	40	30	-	
The Helder	29.43	39	NNW	3	r	29.60	+ .28	40	38	+ 5	NNW	5	r	3	41	36	0.20	
Cape Gris Nez	29.66	41	NW	8	o	29.78	+ .29	38	37	- 3	NW	7	c	6	30	37	-	
†Jersey	29.86	44	NNN	6	c	29.95	+ .24	43	40	- 2	NNW	3	cg	3	47	42	0.04	
Brest	29.97	48	WNW	5	o	29.94	+ .03	46	45	- 2	WNW	3	o	2	48	43	0.08	
Lorient	29.98	48	NW	7	o	29.96	+ .09	46	?	0	NW	4	o	4	54	43	0.04	
†Rochefort	30.00	50	NW	8	o	29.97	+ .06	47	46	- 2	NNN	3	r	2	55	41	0.08	
Biarritz	30.11	51	WNW	7	r	30.01	+ .01	49	46	- 5	SW	5	r	4	54	45	0.28	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	29.73	+ .30	36	?	- 3	NW	1	o	*	41	?	-	
Charleville	29.57	39	SE	7	o	29.71	+ .30	35	33	- 1	WNW	4	o	3	39	34	0.08	
Paris	29.73	41	NW	5	bc	29.87	+ .27	37	35	- 6	NW	3	c	*	*	*	0.04	
Lyons	29.82	39	NW	3	o	29.92	+ .30	35	34	- 7	WNW	4	bc	*	44	32	0.12	
Toulon	29.69	43	NW	9	b	29.8	+ .24	37	34	- 11	NNN	9	b	7	30	37	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.40	33	NN	1	b	28.53	+ .30	25	25	- 8	N	1	b	*	36	24	-	

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.27	39	38	E	2	r	4	Valencia ...	29.94	46	44	NNN	3	om	4
Sumburgh Head	29.35	35	33	NNN	3	c	2	Scilly ...	29.91	48	44	NNN	5	c	6
Stornoway ...	29.57	36	34	N	2	c	2	Dover ..	29.53	42	39	NW	5	bc	3
Aberdeen ...	29.58	37	36	NH	4	crs	1	London ...	29.61	43	39	NW	5	c	*
Shields ...	29.50	40	38	NNN	3	bm	3	Yarmouth ...	29.44	40	38	NNN	5	cg	3
Ardrossan ...	29.58	41	40	NNN	3	b	2	Jersey ...	29.87	45	41	NW	7	bc	5
Mullaghmore ...	29.75	44	39	NH	6	og	6	Rochefort ...	30.00	50	46	NW	8	b	4
Holyhead ...	29.69	43	40	NH	7	c	5								

The barometer continues to rise at all stations excepting Valencia where a slight fall has taken place since noon. NW² winds continue generally with fair weather in most places, but showers of sleet at Aberdeen. The 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 (haze); 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 25TH DECEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
 (SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Monday 25th Dec^r 1882

BAROMETER, WIND & SEA

Explanation of Map.

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

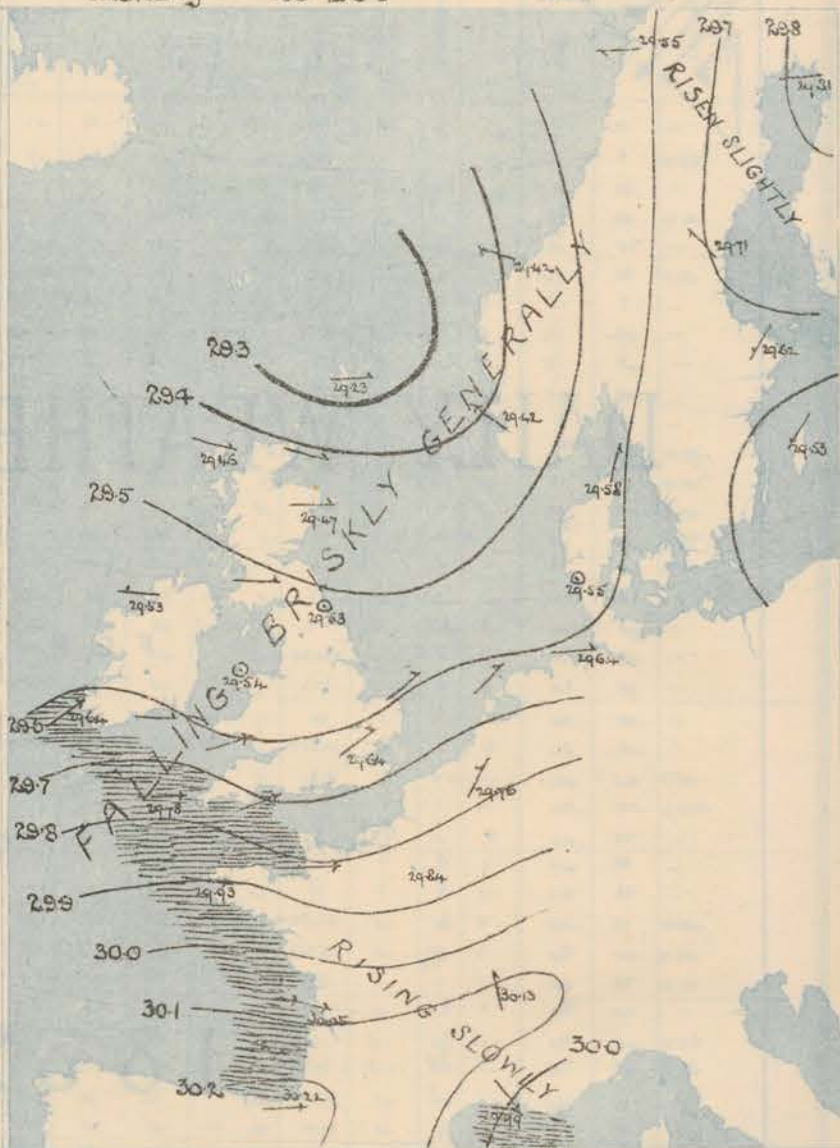
Wind arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ○ - dead calm.

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

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

Stations	Mean Readings
	In.
Nairn	29.729
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.807
Greencastle	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

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

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

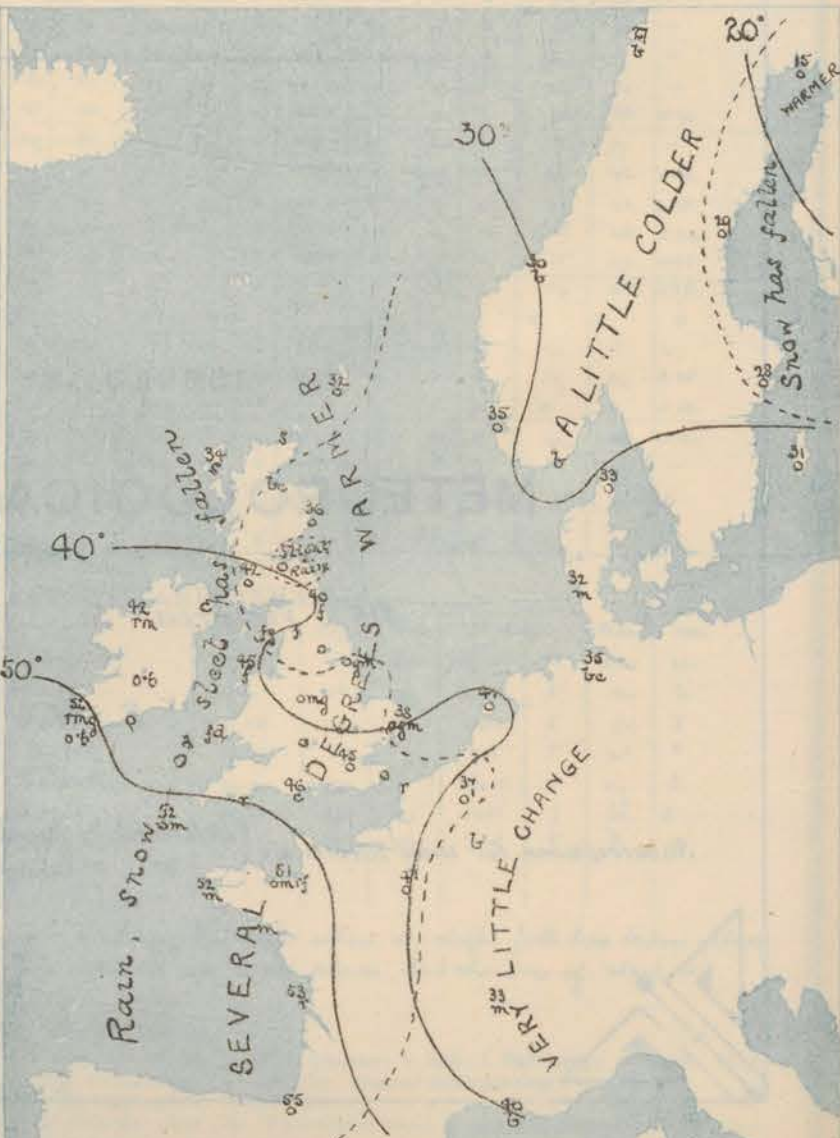
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

MEANS^h OF TEMPERATURE AND RAINFALL for the month of December.

Stations	Temp.	Rain-fall
	°	ins.
Sunbury Head	41.2	3.32
Stornoway	41.5	6.09
Aberdeen	39.5	2.96
Quidley	39.7	2.79
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valencia	43.6	6.22
Sally (St Mary's)	46.7	1.02
Harve Castle	43.2	?
Dover	41.0	3.59
LONDON	41.0	2.19
Wormouth	40.3	3.32

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



REMARKS

For MONDAY 25th DEC^r 1882 at 8 a.m.

The weather over the United Kingdom appears to be falling into a very unsettled condition again, for while moderate to fresh W^{ly} and SW^{ly} winds have spread over the country generally, accompanied by a decided rise of temperature, rain and fog at the English stations and snow in the far N.; an E^{ly} breeze has set in at Mullaghmore, and rain prevails along the W. coast of Ireland. Pressure ranges from 30.2 ins. at Birrity to 29.6 ins. at Pembroke and to 29.2 ins. at Sumburgh Head, but from this last-named station it increases again in a NE^{ly} direction to 29.8 ins. at Haparanda. There is a depression over the Baltic moving E^{ward}, another in the neighbourhood of the Shetlands, and apparently, a third approaching Ireland from the W^{ard} — neither of them is deep. With these conditions a continuance of unsettled weather seems certain.

Sea is rough in the SW. 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

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

2 SCOTLAND
EAST

3 ENGLAND
N.E.

4 ENGLAND
EAST

5 MIDLAND
COUNTIES

6 ENGLAND
SOUTH

6 SCOTLAND
WEST

7 ENGLAND
N.W.

8 ENGLAND
S.W.

9 IRELAND
NORTH

10 IRELAND
SOUTH

WARNINGS

ISSUED
NONE

ISSUED
NONE

METEOROLOGICAL OBSERVATIONS FOR 25TH 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 (10 to 0).	SHADE TEMP.			Amount of Rainfall.	
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.			
Haparanda	29.80	8	E	2	0	29.81	+ .02	15	14	+ 5	E	2	0	0	3	5	0.08		
Hernösand	29.69	33	SE	4	0	29.71	+ .13	29	28	- 6	SE	2	0	0	39	1	0.08		
Stockholm	29.67	31	E	2	0	29.62	+ .01	28	28	- 5	NNE	2	0	0	34	2	0.04		
Wishy	29.57	31	NE	4	0	29.53	- .04	31	29	- 1	NE	4	0	0	32	28	-		
Bodo	29.51	27	E	2	0	29.55	+ .13	27	24	- 1	E	2	0	1	28	22	-		
Christiansund	29.42	31	ESE	1	0	29.42	+ .00	30	27	- 5	ESE	1	0	2	34	27	-		
† Skadesnes	29.39	34	W	2	5	29.42	- .04	35	33	+ 1	SE	6	0	4	36	34	-		
Oxö (Klansund)	29.36	32	W	1	0	29.50	+ .14	26	24	- 10	NNW	2	0	1	36	23	-		
Skagen (The Skaw)	29.62	34	SSW	3	0	29.58	+ .04	33	32	- 3	SSW	3	0	2	36	30	-		
Faro	29.55	31	W	1	0	29.55	+ .01	32	32	0	Z	0	0	0	45	27	0.08		
Cuxhaven	29.60	32	NNW	2	5	29.64	+ .17	35	35	+ 4	W	4	0	0	3	23	-		
† Sumburgh Head	29.51	35	N	4	0	29.23	- .28	32	32	0	W	4	0	3	35	30	0.25		
† Stornoway	29.53	36	WSW	4	0	29.46	- .07	35	38	+ 3	WSW	4	0	3	37	29	0.02		
Wick	29.64	35	S	2	0	29.42	- .11	32	31	- 1	NNW	3	0	2	35	29	0.08		
Nairn	29.52	31	W	1	0	29.44	- .10	34	33	- 1	W	3	0	2	35	25	-		
† Aberdeen	29.62	28	W	1	0	29.47	- .15	36	34	+ 5	W	1	0	1	36	25	0.07		
Leith	29.64	33	W	1	0	29.47	- .17	35	36	+ 2	NNW	1	0	0	41	31	0.02		
† Shields	29.71	39	W	2	0	29.53	- .18	40	39	- 1	Z	0	0	0	40	39	-		
Spurn Head	29.75	37	SW	4	0	29.55	- .20	38	38	+ 4	SSW	3	0	2	38	29	0.04		
York	29.76	40	WSW	2	0	29.57	- .21	36	35	- 1	S	1	0	0	40	35	-		
Loughborough	29.82	37	WSW	2	0	29.59	- .23	39	39	+ 6	E	1	0	0	42	32	0.01		
† Ardrossan	29.66	44	WSW	2	0	29.52	- .14	42	41	- 1	N	2	0	2	44	40	-		
† Mallaghmore	29.70	43	SW	2	0	29.53	- .17	42	41	- 1	E	4	0	4	44	40	0.11		
Donaghadee	29.71	39	SW	2	0	29.55	- .16	40	40	+ 5	NNW	2	0	0	40	35	0.02		
Parsonstown	29.72	43	SSW	1	0	29.54	- .18	42	42	0	W	2	0	0	40	36	0.63		
Barrow-in-Furness	29.75	43	WSW	2	0	29.55	- .20	40	39	- 1	SE	1	0	1	44	34	-		
† Holyhead	29.77	44	WSW	3	0	29.54	- .23	45	44	- 1	Z	0	0	0	46	39	0.17		
Liverpool (Bidston)	29.77	40	SW	2	0	29.55	- .22	39	39	+ 2	SE	1	0	1	42	36	0.38		
† Valencia	29.76	51	WSW	4	0	29.64	- .12	52	52	+ 8	SW	5	0	5	53	48	0.06		
Roche's Point	29.75	44	W	4	0	29.64	- .11	43	42	- 1	W	4	0	4	48	38	0.06		
Pembroke	29.79	45	SW	3	0	29.60	- .19	49	49	+ 7	WSW	5	0	4	49	40	0.25		
† Scilly	29.85	46	WSW	3	0	29.78	- .07	43	42	- 1	W	6	0	6	52	45	0.24		
Prawle Point	29.90	45	S	4	0	29.74	- .16	50	50	+ 12	WSW	5	0	5	50	36	0.24		
Hurst Castle	29.92	42	NNW	2	0	29.67	- .25	46	46	+ 10	W	4	0	3	47	36	0.21		
† Dover	29.89	34	NN	3	0	29.66	- .23	45	44	- 1	SSW	3	0	3	45	33	0.03		
† London	29.90	33	W	2	0	29.64	- .26	45	44	- 1	SW	1	0	0	45	32	0.04		
Oxford	29.88	37	NN	2	0	29.61	- .27	45	45	+ 11	SW	3	0	0	46	35	0.15		
Cambridge	29.84	35	W	1	0	29.60	- .30	38	38	+ 5	SW	1	0	0	40	31	0.06		
† Yarmouth	29.81	23	W	2	0	29.43	- .38	37	37	+ 6	SW	2	0	3	38	30	-		
The Helder	29.78	40	WSW	3	0	29.66	- .12	41	40	- 1	SW	2	0	2	41	39	-		
Cape Gris Nez	29.90	39	NW	1	0	29.67	- .23	41	41	+ 3	S	4	0	0	30	37	-		
† Jersey	29.95	44	SSW	1	0	29.78	- .17	51	51	+ 8	W	6	0	5	51	42	0.23		
Brest	29.96	40	WSW	3	0	29.73	- .23	52	52	+ 6	NNW	5	0	5	5	41	0.08		
Lorient	30.01	46	SW	2	0	29.77	- .24	52	52	+ 6	NNW	8	0	5	30	45	0.04		
† Rochefort	30.06	48	NN	1	0	30.05	+ .00	53	53	+ 6	NNW	8	0	4	5	41	0.12		
Biarritz	30.09	55	W	1	0	30.22	+ .13	55	51	- 4	W	7	0	5	57	50	0.32		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.76	+ .03	37	35	+ 1	SW	3	0	0	39	33	0.35		
Charleville	29.82	32	E	4	0	29.83	+ .12	38	31	- 7	SSE	1	0	0	41	28	-		
Paris	29.96	42	WSW	4	0	29.84	- .12	41	40	- 1	SE	3	0	0	*	*	0.04		
Lyons	29.99	43	NE	1	0	30.12	+ .13	32	32	- 2	SSE	1	0	0	40	31	-		
Toulon	29.78	42	NNW	4	0	29.49	- .29	40	35	- 5	NN	5	0	5	45	37	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.48	36	WSW	4	0	28.31	- .22	36	36	+ 4	=	0	0	0	37	25	0.06		

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

Hawes Junction	28.48	36	WSW	4	0	28.31	- .17	36	26	+ 10	=	0	0	0	37	25	0.06
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudeanaes	29.50	35	33	SSW	2	c	Valencia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						*
Shields							Yarmouth						
Ardrossan							Jersey						
Mallaghmore							Rochefort	29.93	49	48	E	0	c
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 26TH DECEMBER.

1882

ISSUED BY THE
METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Tuesday 26th Dec^r 1887

BAROMETER, WIND & SEA

Explanation of Map.

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

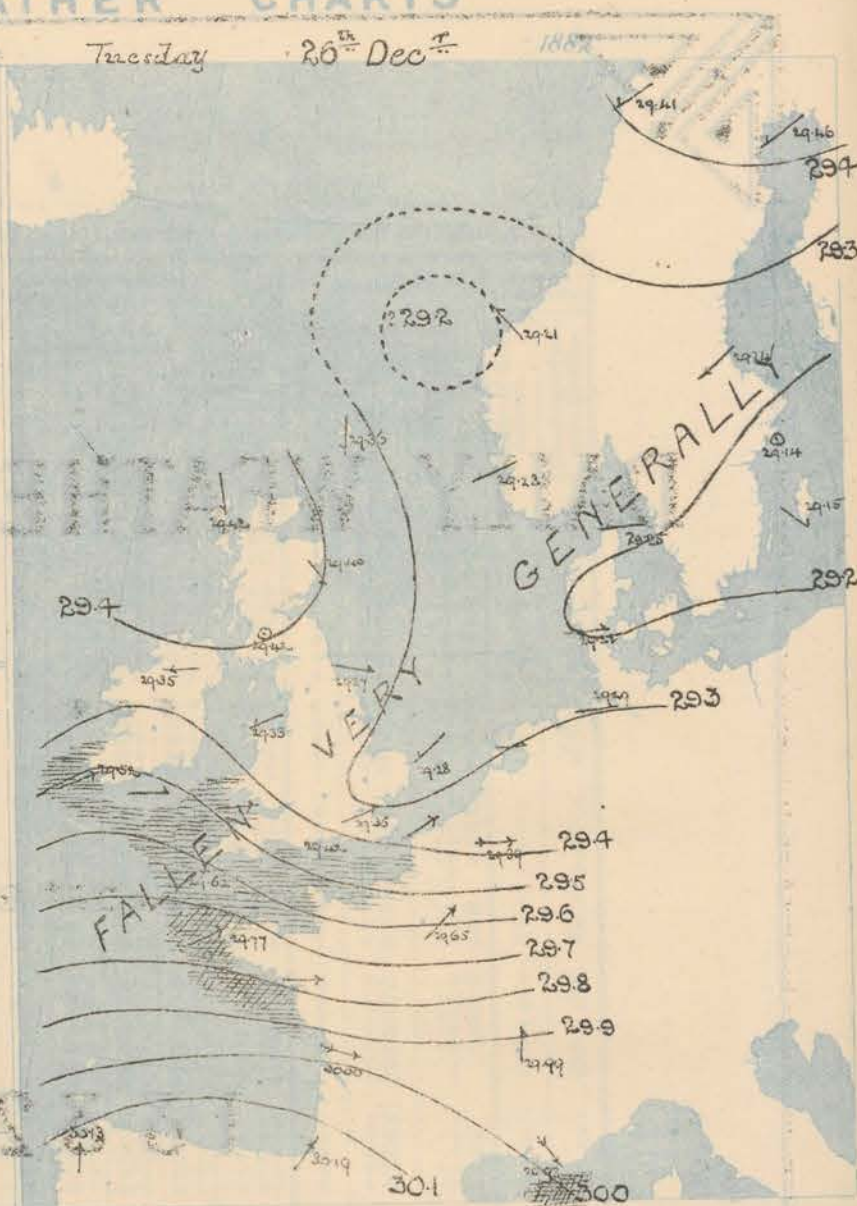
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4.

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

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

Stations.	Mean Readings.
	Inch.
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.809
Greenacastle	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

* These means are for the 10 years 1866-76. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

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

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

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

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

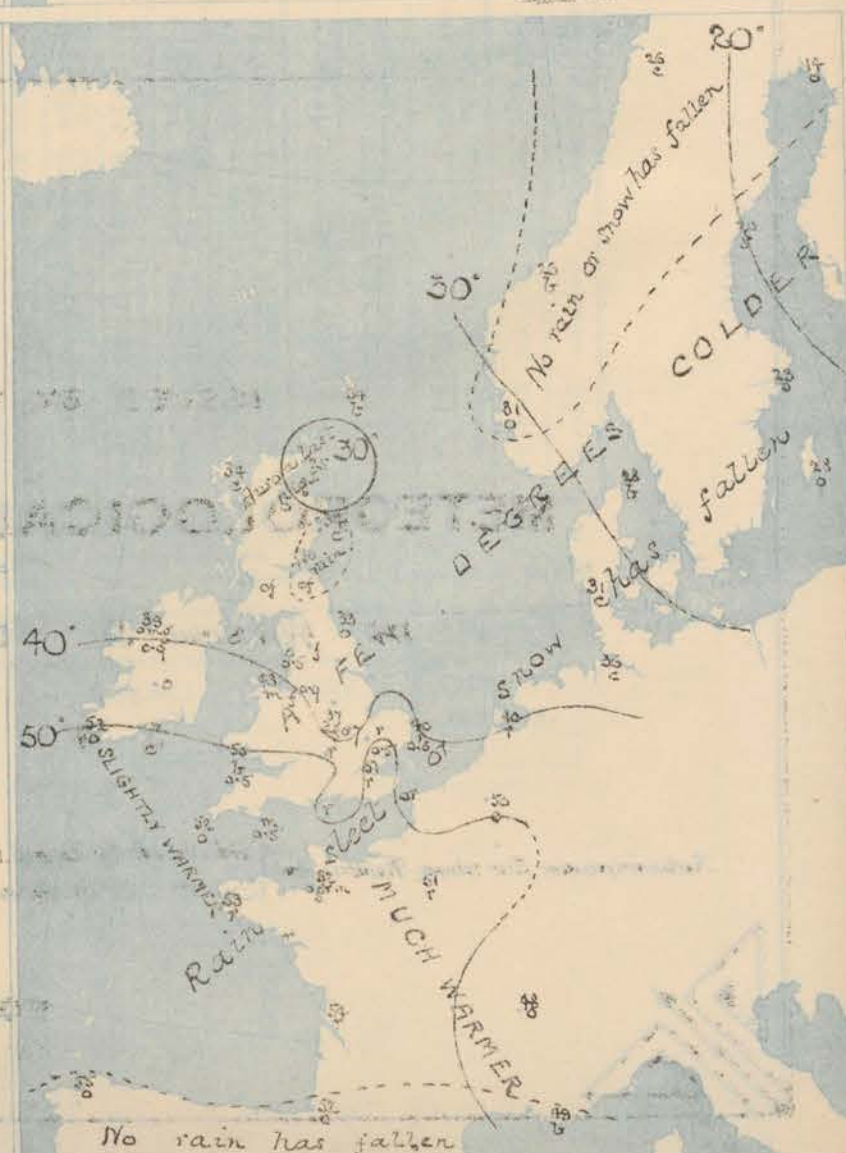
MEANS* OF TEMPERATURE

AND RAINFALL

for the month of December.

Stations	Temp	Rain-fall
Sumburgh Head	41.2	3.32
Stornoway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	3.79
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Parsinatown	42.6	3.08
Valencia	43.6	8.22
Sally (St. Mary's)	46.7	4.02
Hurst Castle	43.2	?
Dover	41.0	3.59
LONDON	41.0	2.19
Yarmouth	40.3	3.42

* The mean Temperatures are those for the 10 years 1867-69. The mean amounts of Rain are those for the 10 years 1866-76.



REMARKS

for Tuesday 26th December 1882 at 8 a.m.

The weather over the British Islands varies greatly in different localities. At our Sth stations (as well as over France) strong Wth breezes prevail accompanied by mild, dull, rainy weather, while over our more Nth districts the wind varies from NW to NE, is light in force, & is accompanied by, low temperature, local fogs & rather cloudy weather. The contrasts in temperature are very striking, thus:— Oxford is 13° warmer than Loughborough, & 20° warmer than Naïm, & Valencia is 14° warmer than Bonaghadee.

The colder current seems to be spreading Sth, for at Loughborough the thermometer stood at 50° at 6 am to day, but had fallen to 37° by 8 am, both the max. & min. temperatures for the 24 hours being recorded within two hours of each other.

The barometer is still much higher over France & Spain than it is over our Islands & the North Sea, where several small depressions are found this morning. No settled weather is, therefore, likely at present. The

Sea is rough in the Channel & off our SW coasts, but is very little disturbed in the more Nth districts. At Holyhead it is smooth.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the27th December

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Light and variable NW th and N th breezes; cold with local fogs and some snow showers.	6 SCOTLAND WEST	Same as N th 0 to 2
4 SCOTLAND EAST	-----D-----D-----D-----	7 ENGLAND N.W.	Same as N th 3 and 4
2 ENGLAND N.E.	-----D-----D-----D-----	8 ENGLAND S.W.	W th winds, rather strong; showery
3 ENGLAND EAST	NE th and variable breezes, with cold unsettled weather; some showers.	9 IRELAND NORTH	Same as N th 3 and 4
5 MIDLAND COUNTIES	-----D-----D-----D-----	10 IRELAND SOUTH	Same as N th 8
6 ENGLAND SOUTH	W th and NW th winds, fresh, mild and showery; possibly changing to NE th and cold later.	WARNINGS	NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 26TH 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.	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.	Red. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).									Dir.	Force (0 to 12).			Max.	Min.	
Haparanda	29.77	13	SE	2	0	29.46	—	25	14	14	—	1	NE	2	0	*	26	9	—
Hernösand	29.32	22	NE	6	5	29.24	—	47	20	19	—	9	NE	6	4	*	39	19	0.05
Stockholm	29.41	24	N	2	5	29.14	—	48	23	22	—	5	Z	0	0	*	34	23	0.08
Wisby	29.36	30	NNE	6	0	29.15	—	38	28	28	—	3	NW	4	0	*	32	28	0.04
Bodö	29.52	29	E	2	0	29.41	—	14	26	23	—	1	ENE	2	0	*	?	25	—
Christiansund	29.30	29	ESE	2	0	29.21	—	21	26	23	—	4	SE	1	0	*	30	21	—
†Skudesnaes	29.24	34	SE	6	0	29.28	—	14	31	29	—	4	ENE	1	0	4	?	?	—
Oxö (Xiansund)	29.27	32	ESE	4	5	29.26	—	24	32	30	+	6	NNE	4	0	2	32	?	0.24
Skagen (The Ski)	29.34	31	ESE	4	5	29.25	—	33	28	26	—	5	E	3	0	2	34	27	0.04
Faro	29.23	35	W	1	0	29.21	—	34	31	31	—	1	W	1	0	*	36	30	0.04
Cuxhaven	29.35	36	SW	3	7	29.29	—	35	36	36	+	1	W	2	0	*	36	30	0.18
†Sumburgh Head	29.21	36	NNE	5	7	29.36	+	13	34	31	+	2	N	3	0	3	38	31	0.05
†Stornoway	29.43	32	WNW	2	0	29.42	—	04	34	32	—	0	WNW	2	0	2	34	24	0.01
Wick	29.32	34	NW	4	0	29.43	+	01	25	25	—	7	Z	0	0	*	34	25	0.09
Nairn	29.42	30	W	2	0	29.42	—	02	30	30	—	4	W	1	0	2	35	28	0.02
†Aberdeen	29.38	30	W	2	0	29.40	—	07	34	35	—	2	NW	2	0	1	37	28	—
Leith	29.42	38	W	1	0	29.38	—	09	36	34	—	2	WNW	1	0	*	39	31	—
†Shields	29.42	40	NW	1	0	29.37	—	16	33	32	—	7	WNW	1	0	2	41	31	0.06
Spurn Head	29.40	39	NW	1	0	29.38	—	22	38	38	—	0	NE	3	0	3	39	26	0.10
York																			
Loughborough	29.43	41	N	1	7	29.33	—	26	37	36	—	2	N	2	0	dg	50	37	0.74
†Ardrossan	29.43	37	Z	0	0	29.42	—	10	33	32	—	9	Z	0	0	of	42	32	0.03
†Mullaghmore	29.43	39	ESE	5	7	29.35	—	18	39	38	—	3	E	5	0	ogm	42	39	0.86
Donaghadee	29.46	41	NW	2	0	29.38	—	17	38	37	—	2	E	2	0	0	41	37	0.45
Parsonstown	29.48	51	W	1	0	29.43	—	11	45	47	—	?	W	1	0	0	52	36	0.35
Barrow-in-Furness	29.44	40	SE	1	7	29.35	—	20	35	35	—	5	N	1	0	1	41	35	0.50
†Holyhead	29.44	45	WSW	2	7	29.33	—	21	43	43	—	2	ENE	2	0	1	49	42	0.41
Liverpool (Bidston)	29.45	41	ENE	1	f	29.33	—	22	40	39	+	1	ENE	1	0	2	49	39	0.85
†Valencia	29.35	53	SW	6	0	29.32	—	12	52	51	—	0	WSW	4	0	5	54	53	0.43
Roche's Point	29.38	47	W	5	0	29.30	—	14	49	47	+	6	W	4	0	4	50	43	0.18
Pembroke	29.53	51	W	7	0	29.43	—	17	50	49	+	1	W	6	0	6	51	49	0.53
†Scilly	29.74	53	WSW	8	0	29.62	—	16	52	51	—	0	W	8	0	6	53	51	0.42
Prawle Point	29.70	51	WSW	6	7	29.52	—	22	51	51	+	1	WSW	5	0	6	51	49	0.48
Hurst Castle	29.59	49	W	7	0	29.42	—	25	49	48	+	3	WNW	7	0	5	49	46	0.11
†Dover	29.48	48	WSW	4	0	29.36	—	30	49	49	+	4	WSW	5	0	3	50	44	0.18
†London	29.49	52	SW	4	0	29.36	—	28	51	50	+	6	WSW	5	0	*	50	45	0.36
Oxford	29.49	51	SW	5	0	29.34	—	27	50	49	+	5	WSW	6	0	*	51	45	0.34
Cambridge	29.51	45	SW	1	7	29.28	—	32	50	50	+	12	W	1	0	*	50	36	0.50
†Yarmouth	29.41	40	SW	1	f	29.28	—	35	40	40	+	2	NE	3	0	3	41	36	0.61
The Helder	29.37	41	W	1	7	29.30	—	36	40	40	—	1	W	1	0	1	43	39	0.24
Cape Gris Nez																			
†Jersey	29.76	51	W	7	0	29.59	—	19	52	52	+	1	W	7	0	6	52	47	0.30
Brest	29.92	53	WNW	7	0	29.77	—	16	53	52	+	1	WSW	7	0	7	?	50	0.04
Lorient	29.92	53	WNW	7	0	29.82	—	15	53	52	+	1	W	7	0	7	?	43	0.04
†Rochefort	30.08	54	WNW	7	0	30.00	—	05	54	52	+	1	WNW	8	0	4	57	46	0.08
Biarritz	30.26	54	W	7	0	30.19	—	03	52	48	—	3	SW	5	0	3	55	45	—
Corunna	*	*	*	*	*	30.13	—	37	50	48	+	13	W	8	0	*	50	49	0.39
Brussels	*	*	*	*	*	29.39	—	37	50	48	+	13	W	8	0	*	50	49	0.39
Charleville	?	?	?	?	?	?	—	?	49	43	+	4	SSW	8	0	*	50	36	0.20
Paris	29.74	52	SW	4	0	29.65	—	19	51	49	+	10	SW	7	0	*	*	*	0.04
Lyons	29.99	39	SSE	1	7	29.99	—	14	48	45	+	15	S	1	0	*	53	36	0.05
Toulon	30.00	45	NW	8	0	29.93	—	06	49	46	+	9	NW	9	0	7	52	39	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.20	34	N	1	5	28.12	—	19	30	25	—	6	NE	3	0	*	37	30	0.38

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.29	34	33	SSE	4	5	4	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...								Dover ..							
Aberdeen ...								London							*
Shields ...								Yarmouth ...							
Ardrossan .								Jersey ...							
Mullaghmore ...								Rochefort ...	29.74	55	54	WNW	8	0	4
Holyhead ..															

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT

F O R

WEDNESDAY 27TH DECEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Wednesday 27th Dec^r 1887

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

○ = dead calm.

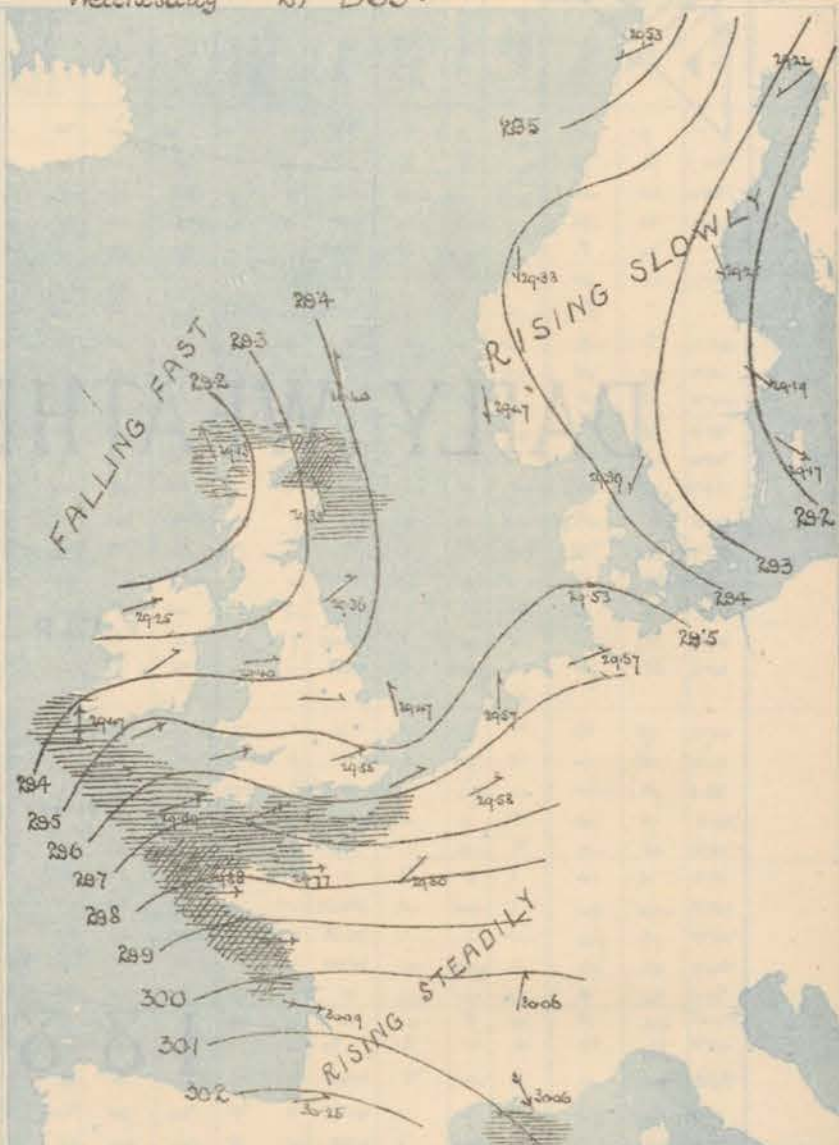
Sea Disturbance, where considerable, is shown by shading round the coast: thus Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of December.

Stations	Mean Readings
	Inch.
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.809
Greenock	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.832
LONDON	29.916
Yarmouth	29.887

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

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

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

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

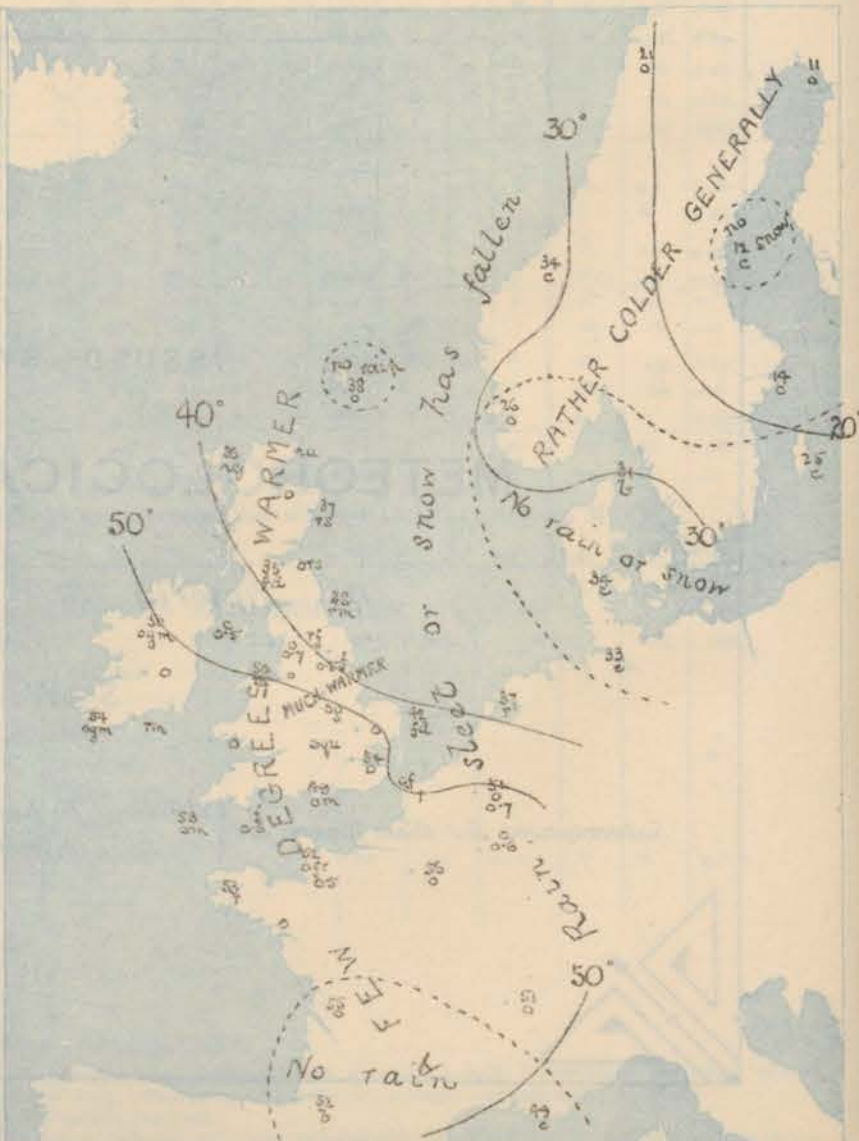
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of December.

Stations	Temp.	Rain-fall
	°	in.
Sumburgh Head	41.2	3.35
Stornoway	41.5	6.09
Aberdeen	39.5	2.96
Stuelis	39.7	2.79
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Portsmouth	42.6	3.08
Valencia	43.6	6.22
Sally (St Mary's)	46.7	4.02
Hurst Castle	43.2	?
Dover	41.0	3.59
LONDON	41.0	2.19
Yarmouth	40.3	3.42

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



REMARKS

for Wednesday 27th December 1882 at 8 a.m.

In the course of the past 24 hours the barometer has risen at all but our Wst and Nst stations, where it has fallen somewhat. Pressure is still much higher over the Peninsula and the Sst parts of France than it is over Scotland, the reading at Biarritz being 1.12 in. higher than that at Stornoway. Temperature has risen considerably except over Scandinavia, and is high for the time of year. Wst and SWst breezes prevail over France and the greater part of England and blow strongly at the Channel Stations & a gale in the Bay of Biscay. In the Nst parts of England & Ireland the wind is moderate; but while a strong SSEst breeze has set in over the N. of Scotland, the wind at Valmiera also has backed to the S. & is blowing a moderate gale. The weather is dull throughout our Islands, with rain in the W + NW, sleet in the E of Scotland, & wet fogs on the S coast of England. The sea is very rough in the SW + S & also on our Nst coast, but is at present slight at Holyhead.

MAP SHOWING
DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

28th December

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

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

Sst and SWst winds, force doubtful;
rainy to fair, unsettled.

SCOTLAND
EAST

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

2 ENGLAND
N.E.

SWst breezes and showery unsettled
weather

3 ENGLAND
EAST

Same as N^o 5

4 MIDLAND
COUNTIES

Same as N^o 2

5 ENGLAND
SOUTH

SWst to Wst winds, strong, perhaps a
gale; rainy

DISTRICTS

FORECASTS

6 SCOTLAND
WEST

Same as N^o 0 to 1

7 ENGLAND
N.W.

Same as N^o 2 in Nst parts of district,
but probably a gale in the Sst
half

8 ENGLAND
S.W.

SWst and Wst gales, with rain; very mild

9 IRELAND
NORTH

Same as N^o 7

10 IRELAND
SOUTH

Same as N^o 8

WARNINGS

The S. Cone has been hoisted in
districts 8 to 10 and part of 7
this morning.

METEOROLOGICAL OBSERVATIONS FOR 27th DEC^r

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.	Rain. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			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.	Dirac.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.26	10	NE	2	S	29.22	- .04	11	11	-	3	NE	2	0	16	10	0.16	
Hernösand	29.13	15	Z	0	0	29.25	+ .12	12	11	-	8	N	2	0	23	7	0.04	
Stockholm	29.10	14	SH	2	3	29.19	+ .09	14	14	-	9	NN	4	0	27	12	-	
Wisby	29.14	32	NN	6	0	29.17	+ .03	25	23	-	3	NN	6	0	27	25	0.08	
Bodö	29.25	26	E	2	0	29.52	+ .27	21	19	-	5	ENE	2	0	27	19	-	
Christiansund	29.27	30	WNW	3	S	29.33	+ .06	24	33	+	8	N	2	0	35	21	0.24	
†Skudesnaes	29.33	36	NN	6	0	29.47	+ .14	26	25	-	5	NNH	2	0	36	7	-	
Öxö (Öxiansund)	29.32	28	NN	2	bc	29.41	+ .09	27	25	-	4	NN	2	0	3	25	-	
Skagen (The Skaw)	29.34	31	NH	4	3	29.39	+ .05	31	30	+	3	NNE	3	0	32	27	-	
Fanö	29.30	30	W	3	c	29.53	+ .23	34	32	+	3	W	2	0	34	18	-	
Cuxhaven	29.49	36	NNH	4	bc	29.57	+ .08	33	33	-	3	NNH	2	0	36	30	-	
†Sumburgh Head	29.47	35	NNH	4	3	29.40	- .07	38	35	+	4	SSE	2	0	35	30	-	
†Stornoway	29.52	26	WNW	1	3	29.13	- .39	36	36	+	2	SE	6	rg	37	25	0.24	
Wick	29.52	23	Z	0	3	29.33	- .19	36	35	+	11	SE	5	rw	38	16	0.20	
Nairn	29.55	25	W	1	3	29.22	- .33	35	34	+	5	Z	0	0	35	22	0.03	
†Aberdeen	29.52	28	W	1	3	29.35	- .17	37	36	+	3	SSE	7	rs	39	22	0.29	
Leith	29.56	34	NN	1	bc	29.27	- .29	37	36	+	1	ESE	2	as	38	23	0.23	
†Shields	29.56	35	NN	2	c	29.36	- .20	38	38	+	5	SW	3	rm	38	31	0.32	
Spurn Head																		
York	29.56	34	NH	1	0	29.38	- .18	38	38	+	4	S	1	f	38	33	0.46	
Loughborough	29.58	37	ESE	1	r	29.43	+ .15	52	51	+	15	N	3	og	52	36	0.25	
†Ardrossan	29.23	32	ENE	1	3	29.25	- .02	35	35	+	2	NE	1	fd	35	31	0.32	
†Mullaghmore	29.38	42	E	5	rgm	29.25	- .13	50	49	+	11	SH	5	ogm	52	39	0.25	
Donaghadee	29.21	39	SH	2	0	29.47	+ .26	50	50	+	12	W	4	c	50	37	0.45	
Parsonstown	29.40	50	Z	0	r	29.42	- .02	53	51	+	5	SW	4	0	54	46	0.24	
Barrow-in-Furness	29.52	37	NE	1	0	29.35	- .17	47	47	+	12	SH	3	om	47	35	0.65	
†Holyhead	29.50	47	Z	0	r	29.40	+ .10	52	50	+	7	W	2	m	50	41	0.25	
Liverpool (Bidston)	29.54	39	SE	2	0	29.39	+ .15	53	52	+	13	NNW	5	0	53	38	0.36	
†Valencia	29.44	54	NNH	6	og	29.47	+ .03	54	53	+	2	S	7	omg	56	50	0.19	
Roche's Point	29.46	47	SH	5	r	29.51	+ .05	52	52	+	3	NNH	5	om	51	45	0.16	
Pembroke	29.53	49	SH	4	0	29.52	+ .01	51	50	+	1	NNH	5	0	51	48	0.18	
†Sailly	29.63	53	SH	6	r	29.69	+ .06	53	53	+	1	NNH	7	om	53	50	0.37	
Prawle Point	29.68	51	NNH	4	f	29.69	+ .01	52	52	+	1	NNH	6	f	52	49	0.56	
Hurst Castle	29.65	48	NNH	5	c	29.63	+ .02	49	49	0	W	6	om	50	48	0.16		
†Dover	29.61	47	NN	1	0	29.56	+ .05	48	47	-	1	NNH	4	of	53	46	0.08	
†London	29.61	52	SH	1	od	29.55	+ .06	51	53	+	3	NNH	5	0	54	49	0.19	
Oxford	29.60	49	SH	2	r	29.53	+ .07	53	52	+	3	SH	7	ogm	53	49	0.25	
Cambridge	29.54	42	SH	1	r	29.46	+ .08	52	51	+	2	SH	1	0	52	58	0.27	
†Yarmouth	29.58	38	NN	1	om	29.47	+ .11	42	42	+	2	SSE	2	fd	42	36	0.19	
The Helder	29.59	40	NN	1	c	29.57	+ .02	37	37	-	3	S	1	r	41	36	0.16	
Cape Gris Nez	29.42	49	NNH	9	0	29.40	- .02	50	50		8	SH	8	r	52	48	0.32	
†Jersey	29.77	51	W	5	op	29.77	+ .00	52	52	0	W	7	ofr	5	53	49	0.48	
Brest	29.84	53	NNH	7	r	29.88	+ .04	53	53	0	W	7	r	7	53	50	0.28	
Lorient	29.93	53	W	9	0	29.95	+ .02	54	54	+	1	W	8	0	54	52	0.12	
†Rochefort	30.06	54	NNH	9	0	30.09	+ .03	55	53	+	1	NNH	9	0	57	46	-	
Biarritz	30.21	56	W	5	0	30.25	+ .04	55	48	0	W	4	b	3	59	45	-	
Corunna																		
Brussels						29.78	+ .19	51	44	+	1	NNH	1	0	52	43	0.71	
Charleville						29.70	+ .19	51	51	+	4	NNH	7	0	59	46	0.63	
Paris	29.77	34	SH	5	r	29.55	+ .22	53	53	+	5	SH	1	0			0.20	
Lyons	29.99	51	SH	3	0	30.06	+ .07	51	47	+	3	SH	1	0	51	46	0.81	
Toulon	29.95	50	NN	9	bc	30.06	+ .11	49	44	0	NN	8	c	6	52	46	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude 1125 ft. above M.S.L.																		
Hawes Junction	28.34	31	NE	1	0	28.13	+ .21	40	40	+	10	NNW	2	rf	40	30	0.36	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.30	35	33	WNW	4	c	3	Valencia ...	29.46	53	53	S	5	om	5
Sumburgh Head	29.44	35	32	N	3	bc	2	Sailly ...	29.68	53	53	NNH	5	om	6
Stornoway ...	29.51	36	35	W	3	bc	3	Dover ..	29.48	52	52	W	4	cp	3
Aberdeen ...	29.50	35	34	NNH	2	bc	1	London ...	29.51	53	53	W	4	cp	*
Shields ...	29.49	35	34	NH	2	0	2	Yarmouth ...	29.71	52	52	W	6	0	5
Ardrossan ...	29.50	35	33	ENE	1	0	1	Jersey ...	29.73	52	51	W	6	0	5
Mullaghmore	29.42	40	40	E	5	om	4	Rochefort ...	30.01	55	54	NNH	9	r	4
Holyhead ...	29.50	44	43	NE	1	m	0								

The barometer has begun to fall again somewhat decidedly in the N. of Ireland, while it has risen elsewhere. The wind has backed to S. again at Valencia, accompanied by rain, and rather rough sea, and at the mouth of the Channel also it is now backing. The sea is smooth 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) 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 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).

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DAILY WEATHER REPORT

F O R

THURSDAY, 28TH DECEMBER.

1882

ISSUED BY THE


METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

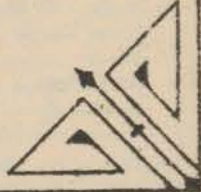
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ROBERT H. SCOTT
(SECRETARY.)



Fred^l Dongerfield, 1, 1/2, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

WEATHER CHARTS

for 8 a.m. on Thursday, 28th DECEMBER

1862

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

barks and feathers refer to force, thus

→ forces above 10; → forces 8 to 10

→ forces 6 to 7; → forces 1 to 4.

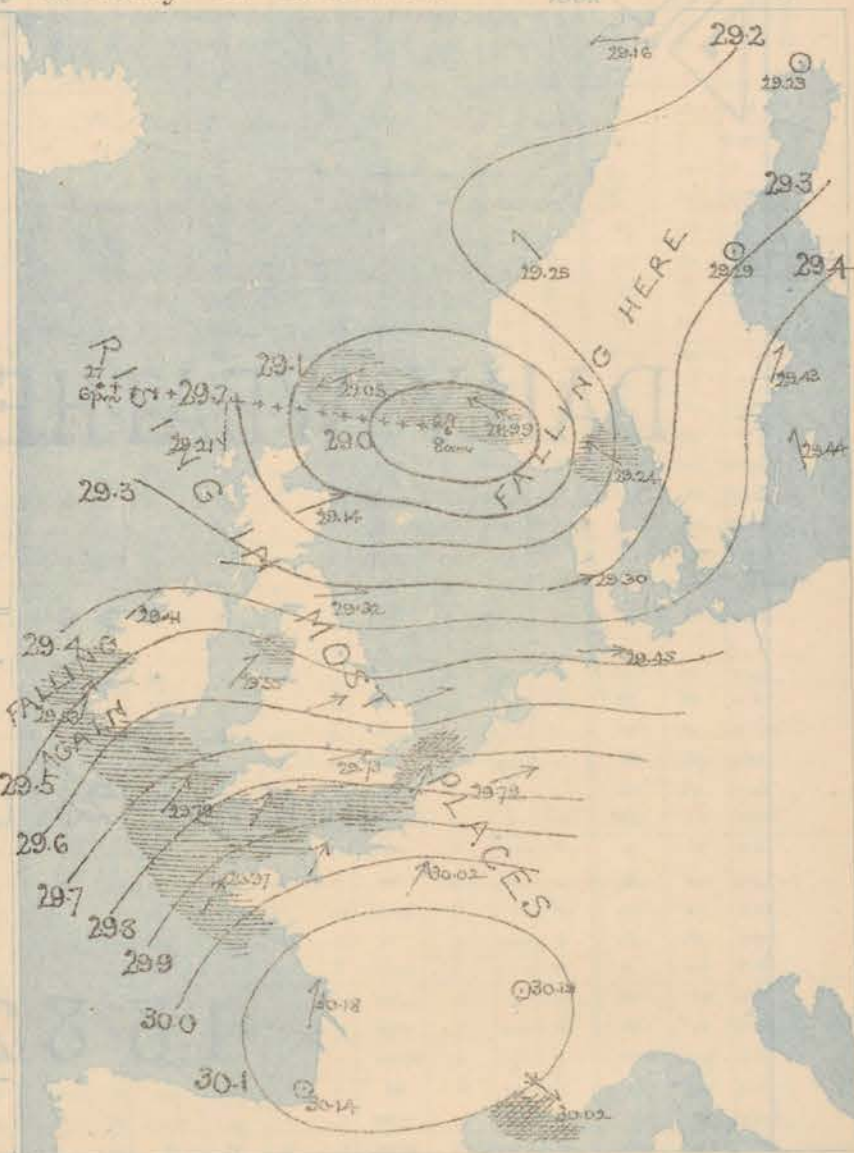
○ = dead calm.

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

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

Stations.	Mean Readings
	in.
Nairn	29.729
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrrossan	29.809
Greenacastle	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Varmouth	29.881

* These means are for the 10 years 1856-76. A more complete set of mean values is in course of preparation.



REMARKS

for Thursday 28th DEC^r 1882 at 8 a.m.

The weather over our Islands continues in an exceedingly unsettled condition. The area of low pressure which lay off the west of Scotland yesterday has travelled End and is found between the Scotch and Norwegian coasts, so that the barometer has risen at most stations, but a new disturbance is approaching the south of Ireland, and a fresh fall of the mercury has set in at Valencia, End and Nth breezes prevail in the N. of Scotland, but in other localities the wind is generally SW^{ly} or W^{ly}. At Leth and Oxford it blows with the force of a fresh gale. The weather is fine on our NE. coasts, cloudy or overcast elsewhere, with rain at many of the western and southern stations. In the course of the past 24 hours rain has fallen generally. Temperature has risen several degrees in the N. and E., and is very high for the time of year, readings ranging from 54° in London to 39° at Lumburg H^d. In London the thermometer rose to 57° yesterday.

The sea is rough in the S. and SW.

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

E^{ly} and N^{ly} winds, light or moderate;
cloudy. Some rain.

6 SCOTLAND
WEST

SW^{ly} winds, fresh; dull,
rainy.

2 SCOTLAND
EAST

W^{ly} to SW^{ly} winds, moderate and
fresh; fine to dull and rainy.

7 ENGLAND
N.W.

SW^{ly} winds, moderate to strong;
dull, rainy.

3 ENGLAND
N.E.

.....D.....D.....D.....

8 ENGLAND
S.W.

SW^{ly} to W^{ly} strong winds and gales;
cloudy. Some rain.

4 ENGLAND
EAST

Same as N^o 5

9 IRELAND
NORTH

Same as N^o 7

5 MIDLAND
COUNTIES

Same as N^o 5.

10 IRELAND
SOUTH

Same as N^o 8

6 ENGLAND
SOUTH

SW^{ly} to W^{ly} winds, strong, perhaps
a gale; cloudy, unsettled,
some rain.

WARNINGS

The S. cone is still up in districts
8 and 10, and part of 7.

METEOROLOGICAL OBSERVATIONS FOR

22nd 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.	
			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	29.17	1	NE	2	c	29.23	+ 0.1	-12	-12	- 23	2	0	c	1	12	3	-	
Hernösand	29.29	5	2	0	c	29.29	+ 0.4	16	15	+ 4	2	0	c	1	18	1	-	
Stockholm	29.41	12	WSW	2	c	29.43	+ 0.24	12	12	- 2	SW	2	c	1	16	10	-	
Wisby	29.87	29	NW	6	c	29.44	+ 0.27	25	24	0	2	2	c	1	30	23	-	
Bodö	29.08	13	NNE	2	o	29.16	- 0.37	22	20	+ 1	E	2	c	1	23	19	-	
Christiansund	29.20	31	NW	5	c	29.25	- 0.08	28	26	- 6	SE	3	c	3	34	25	-	
†Skudesnaes	29.17	34	E	2	o	28.99	- 0.48	30	35	+ 10	ESE	8	h	5	37	?	-	
Oxö (Xiansund)	29.45	24	SW	2	c	29.08	- 0.33	34	33	+ 7	ENE	6	h	3	?	21	0.20	
Skagen (The Skaw)	29.47	30	WSW	3	c	29.24	- 0.15	33	33	+ 2	SSE	6	h	5	34	25	-	
Fanö	29.48	32	S	3	c	29.30	- 0.23	39	39	+ 5	WSW	6	c	1	39	30	0.32	
Cuxhaven	29.50	40	S	2	o	29.45	- 0.12	45	45	+ 12	W	5	c	1	?	30	0.12	
†Sumburgh Head	29.14	37	SSE	5	h	29.08	- 0.32	39	37	+ 1	ENE	5	o	6	41	35	0.57	
†Stornoway	28.89	44	S	4	h	29.21	+ 0.08	42	41	+ 6	N	3	c	3	47	35	0.66	
Wick	28.96	42	S	6	o	29.08	- 0.27	42	40	+ 6	N	2	o	3	45	35	0.24	
Nairn	28.98	40	2	0	o	29.18	- 0.04	44	42	+ 9	W	3	c	0	47	35	0.24	
†Aberdeen	29.11	37	SW	3	og	29.14	- 0.21	45	43	+ 8	WSW	3	c	3	48	36	0.20	
Leith	29.16	42	W	5	c	29.25	- 0.02	48	46	+ 11	W	8	c	1	48	36	0.13	
†Shields	29.30	50	W	4	nm	29.32	- 0.04	50	48	+ 12	W	4	c	2	52	35	0.03	
Spurn Head	29.41	50	SW	4	c	29.46	+ 0.07	49	48	+ 8	WSW	4	c	3	51	41	-	
York	29.39	52	W	2	o	29.46	+ 0.08	52	49	+ 14	W	4	o	1	53	28	-	
Loughborough	29.51	55	SW	3	o	29.56	+ 0.13	52	52	0	WSW	4	og	1	55	52	0.30	
†Ardrossan	29.20	49	SW	3	o	29.37	+ 0.12	47	47	+ 12	W	4	og	3	50	34	0.08	
†Mullaghmore	29.25	51	WSW	6	gom	29.41	+ 0.16	49	48	- 1	SW	4	og	3	54	49	0.01	
Donaghadee	29.29	52	W	6	c	29.46	+ 0.19	49	48	- 1	W	3	o	1	54	48	-	
Parsonstown	29.46	52	SW	5	c	29.51	+ 0.09	52	51	- 1	SW	1	d	1	56	51	0.13	
Barrow-in-Furness	29.27	47	SW	4	o	29.51	+ 0.16	46	46	- 1	SW	4	o	4	48	45	0.04	
†Holyhead	29.44	50	WSW	5	o	29.55	+ 0.15	50	49	0	SW	3	h	2	51	49	0.03	
Liverpool (Bidston)	29.43	52	SW	5	c	29.55	+ 0.16	50	49	- 3	SW	2	h	3	54	50	0.07	
†Valencia	29.55	54	SW	7	ogm	29.53	+ 0.06	53	52	- 1	SSW	7	om	6	56	51	0.47	
Roche's Point	29.59	54	WSW	6	o	29.60	+ 0.09	51	51	- 1	WSW	6	nm	5	55	48	0.20	
Pembroke	29.60	51	WSW	4	o	29.66	+ 0.14	51	50	0	SW	5	o	4	51	50	0.17	
†Scilly	29.76	53	WSW	7	o	29.79	+ 0.10	52	52	- 1	SW	5	om	6	54	52	0.05	
Prawle Point	29.76	52	SW	7	h	29.84	+ 0.15	51	50	- 1	SW	5	m	6	52	50	0.44	
Hurst Castle	29.72	50	WSW	6	o	29.81	+ 0.23	49	49	0	W	7	m	6	50	43	0.09	
†Dover	29.65	52	W	5	ogm	29.76	+ 0.20	50	50	+ 2	WSW	5	og	4	54	48	0.05	
†London	29.54	55	SW	5	ov	29.73	+ 0.18	54	52	0	WSW	6	o	1	57	54	0.02	
Oxford	29.64	54	SW	6	h	29.71	+ 0.13	53	51	0	WSW	3	o	1	55	53	0.21	
Cambridge	29.57	54	SW	2	h	29.62	+ 0.16	54	51	+ 2	WSW	3	o	1	56	51	0.03	
†Yarmouth	29.52	53	W	3	c	29.63	+ 0.16	52	51	+ 10	WSW	4	h	3	53	41	0.03	
The Helder																		
Cape Gris Nez	29.53	50	WSW	9	g	29.80	+ 0.20	50	49	0	SW	9	h	4	52	48	0.16	
†Jersey	29.85	52	W	7	omp	29.94	+ 0.17	51	51	- 1	SW	5	om	4	52	50	0.13	
Brest	29.97	53	W	7	h	29.97	+ 0.09	52	51	- 1	SW	5	o	5	54	50	0.04	
Lorient	30.05	54	W	8	m	30.05	+ 0.10	53	50	- 1	WSW	5	o	5	54	50	-	
†Rochefort	30.16	54	WSW	7	o	30.18	+ 0.09	52	52	- 2	SSW	3	c	2	57	46	0.03	
Biarritz	30.25	53	2	0	c	30.14	- 0.11	44	41	- 3	E	1	c	3	61	39	-	
Corunna																		
Brussels						29.79	+ 0.21	52	51	+ 1	WSW	7	o	1	54	51	0.28	
Charleville						30.00	+ 0.50	53	50	0	?	h	o	1	57	32	0.43	
Paris	29.92	57	SW	5	o	30.02	+ 0.22	54	50	- 2	SW	5	o	1			0.08	
Lyons	30.14	53	SW	1	c	30.19	+ 0.13	47	?	- 4	WSW	1	h	1	56	46	-	
Toulon	30.04	52	NW	9	c	30.02	- 0.04	50	47	+ 1	NW	2	h	7	54	48	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.16	46	SW	5	o	28.26	+ 0.13	46	46	+ 6	SW	5	o	1	46	39	0.16	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.43	34	32	NNE	2	o	3	Valencia ...	29.50	55	50	SW	7	om	6
Sumburgh Head	29.17	38	36	S	3	o	3	Scilly ...	29.72	54	54	SW	7	om	6
Stornoway ...	28.96	41	41	S	4	h	4	Dover ..	29.60	53	52	W	5	op	3
Aberdeen ...	29.16	39	38	WSW	3	c	5	London ...	29.61	57	55	WSW	4	od	*
Shields ...	29.29	46	44	W	3	om	3	Yarmouth ...	29.45	53	52	WSW	3	c	3
Ardrossan ...	29.22	47	47	SSW	3	o	3	Jersey ...	29.82	52	52	WSW	6	o	5
Mullaghmore	29.21	50	51	SW	6	om	6	Rochefort ...	30.13	55	54	?	3	o	4
Holyhead ..	29.40	51	50	WSW	5	o	4								

The depression which lay off our NW coast this morning is travelling NE^{ly} and strong SW winds prevail on all our NW coasts, accompanied by rain and a threatening appearance at Valencia.

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, 29TH DECEMBER.

1882

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 Friday, 29th DECEMBER 1882

BAROMETER, WIND & SEA

Explanation of Map

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

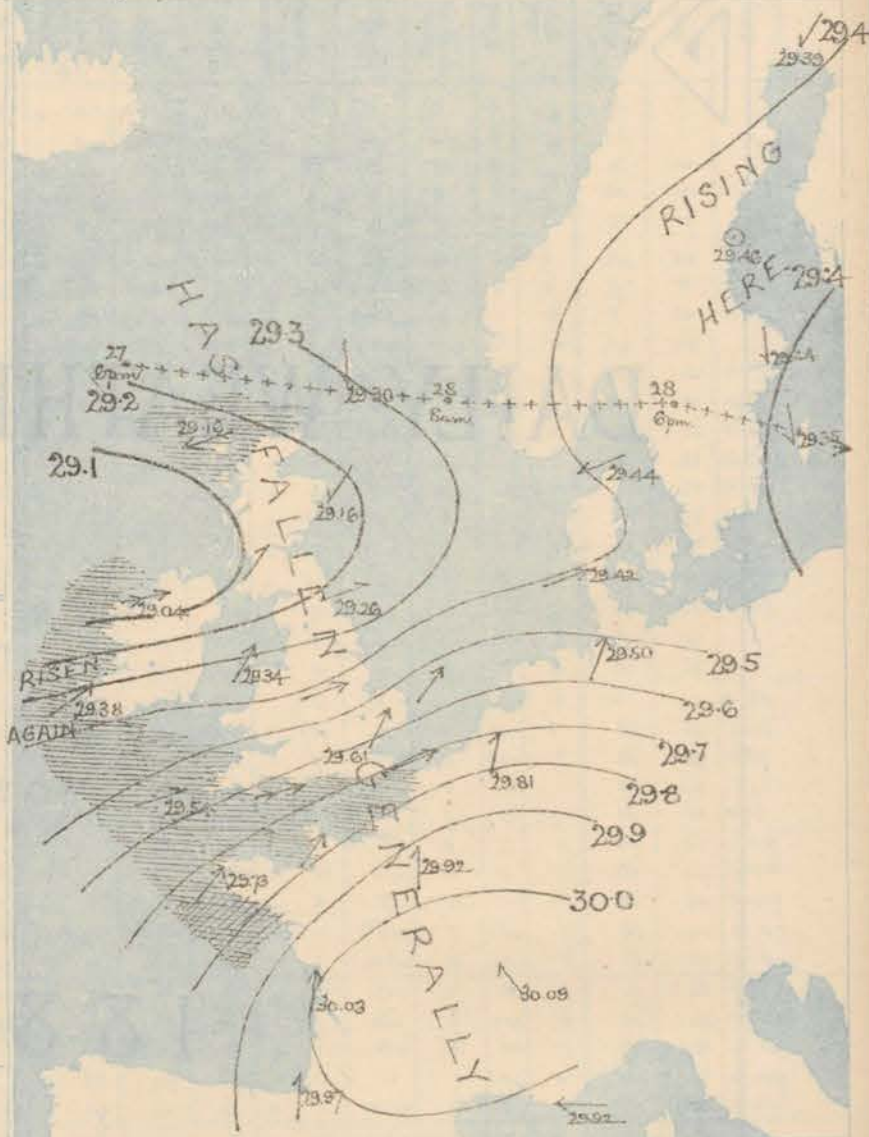
Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
* forces above 10; — forces 8 to 10
— forces 5 to 7; — forces 1 to 4;
○ dead calm.

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

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

Stations	Mean Readings
	In.
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.809
Greenock	29.791
Holyhead	29.837
Valencia	29.866
Rock of P.	29.857
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

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



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

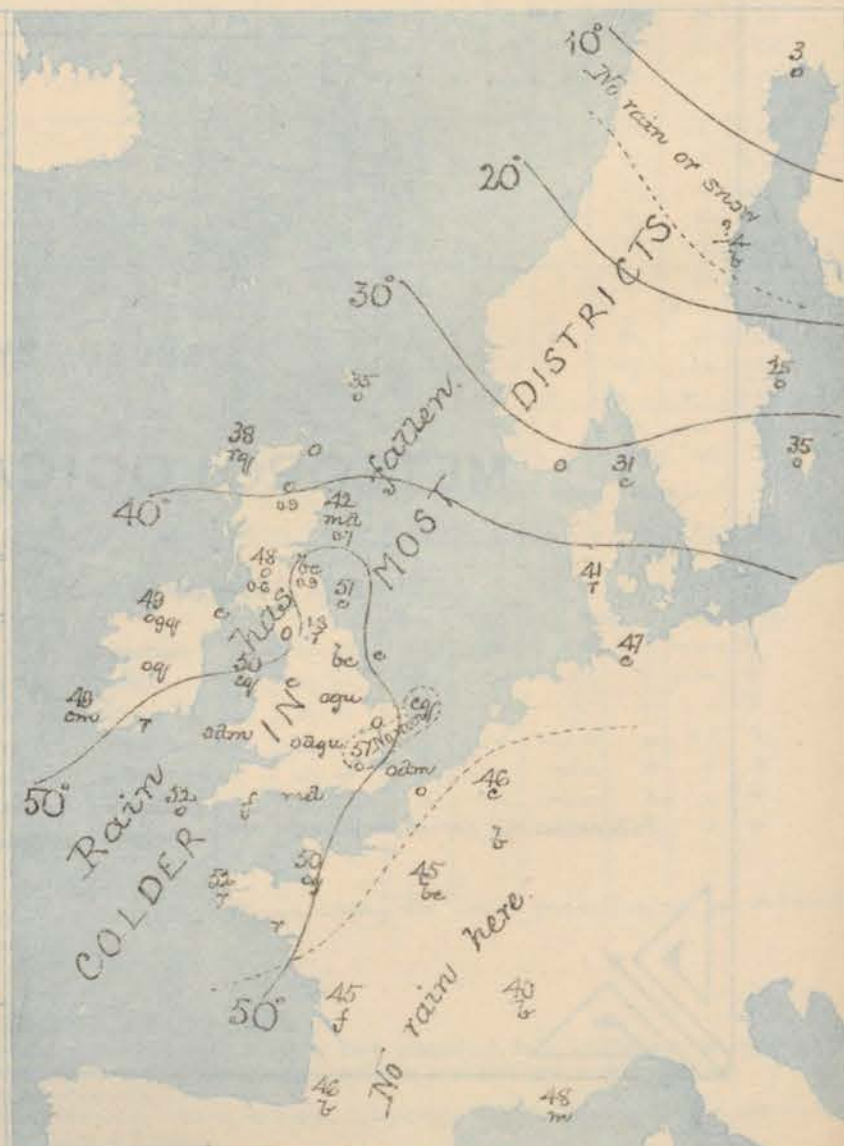
Explanation of Map

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

MEANS^h OF TEMPERATURE AND RAINFALL for the month of December.

Stations	Temp.	Rain-fall
Sunbury Head	41.2	3.32
St. Neos	41.5	2.00
Aberdeen	39.5	2.96
Shields	39.7	2.73
York	39.8	2.67
Millaghmore	42.0	?
Holyhead	43.4	1.07
Parsonstown	42.5	3.08
Valencia	45.6	6.22
Sally (St. Mary's)	46.7	4.02
Burnt Castle	45.2	?
Dover	41.0	3.54
LONDON	41.0	2.19
Yarmouth	40.3	3.42

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



REMARKS

For FRIDAY, 29TH DEC^R 1882 at 8 a.m.

In the course of the past twenty four hours a well-marked and rather deep depression has reached our extreme north west coasts from the Atlantic, and readings now vary from 30.1 ins. at Lyons to 29.0 ins. at Mullaghmore. Temperature is scarcely so high over Ireland and England as it was yesterday, and in Scotland the change is still more marked. The present readings vary from 52° at Sillly and 53° over our Midland Counties to 35° at Hain and Lumburgh Head. The wind is generally WSW^{ly} at the Irish and most of the English stations, and is strong to a gale in force, while in the northern parts of Scotland it is E^{ly}, and blows a moderate gale at Stornoway. A strong gale from S, was experienced at Valencia last night, and moderate to fresh gales from the SW^{ly} on many parts of our western and southern coasts. The weather is at present fair on our NE coasts, cloudy, squally and stormy elsewhere, and the appearance is very unsettled. The sea is rough except at the eastern stations.

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	E ^{ly} and N.E ^{ly} winds, strong, squally; cold rain or sleet.
2 SCOTLAND EAST	Varying winds; very unsettled, cold, showers.
3 ENGLAND N.E.	Same as N° 5.
4 ENGLAND EAST	Same as N° 5.
5 MIDLAND COUNTIES	Same as N° 5.
6 ENGLAND SOUTH	SW ^{ly} and W ^{ly} winds, increasing to a gale; rain at times.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SW ^{ly} to W ^{ly} gales; dull, rain at times.
7 ENGLAND N.W.	D° ——— D° ——— D°
8 ENGLAND S.W.	Same as N° 5.
9 IRELAND NORTH	Same as N° 6 and 7.
10 IRELAND SOUTH	Same as N° 5.
WARNINGS	The South Cone is flying except in Districts 0 and 1.

METEOROLOGICAL OBSERVATIONS FOR

29th 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.	Sun. (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	29.35	- 3	Z	0	0	29.39	+ 16	3	3	+ 15	NE	2	0	*	2	- 13	-	
Hernösand	29.31	+ 3	Z	0	0	29.46	+ 17	4	4	+ 10	Z	0	0	*	19	?	-	
Stockholm	29.24	25	NNE	2	S	29.44	+ 01	25	24	+ 13	Z	2	0	*	25	10	0.12	
Wisby	29.16	33	S	2	S	29.25	- 09	35	32	+ 10	N	2	0	*	?	25	0.08	
Bodö	29.18	20	ENE	2	0	29.37	+ 21	23	21	+ 1	ENE	2	0	*	?	19	-	
Christiansund	29.30	27	Z	0	0	29.34	+ 09	27	24	- 1	SE	3	0	0	?	18	0.24	
Skudesnaek	29.32	35	NNE	1	0	29.32	+ 33	37	36	+ 1	SSE	6	0	0	?	34	-	
Oxö (Stansund)	29.30	31	NNE	2	0	29.38	+ 30	30	30	- 4	NNE	4	0	0	?	28	-	
Skagerr (The Skaw)	29.31	33	NE	3	0	29.44	+ 20	31	29	- 2	ENE	2	0	0	?	28	0.16	
Fanö	29.49	40	W	4	0	29.42	+ 12	41	41	+ 2	WSW	6	0	*	41	37	0.04	
Cuxhaven	29.43	47	W	6	0	29.50	+ 05	47	47	+ 2	SW	5	0	*	?	34	0.01	
Sumburgh Head	29.41	35	N	3	0	29.30	+ 22	35	31	- 4	N	2	0	0	?	32	0.01	
Stornoway	29.38	41	E	4	0	29.16	- 05	38	37	- 1	ENE	3	0	0	?	36	0.34	
Wick	29.51	39	E	1	0	29.21	+ 05	39	37	- 2	SE	4	0	0	?	34	0.35	
Nairn	29.40	33	Z	0	0	29.15	- 03	35	34	- 1	ENE	3	0	0	?	34	0.85	
Aberdeen	29.42	40	NNE	1	0	29.16	+ 02	42	41	- 1	NE	2	0	0	?	33	0.65	
Leith	29.39	46	W	3	0	29.16	- 09	50	48	+ 2	WSW	2	0	0	?	43	0.92	
Shields	29.47	52	WSW	1	0	29.26	- 06	51	49	+ 1	WSW	4	0	0	?	46	0.11	
Spurn Head	29.49	50	SW	5	0	29.43	- 03	49	48	- 1	SSW	3	0	0	?	47	0.01	
York	29.55	53	W	4	0	29.36	- 10	53	50	+ 1	SSW	2	0	0	?	49	0.17	
Loughborough	29.64	52	WSW	5	0	29.46	- 10	53	51	+ 1	WSW	5	0	0	?	50	-	
Ardrossan	29.34	47	SE	2	0	29.14	- 23	43	42	+ 1	SSW	3	0	0	?	45	0.58	
Mullaghmore	29.23	53	SW	7	0	29.04	- 37	49	46	- 3	WSW	8	0	0	?	48	0.35	
Donaghadee	29.36	49	SSW	4	0	29.18	- 23	50	48	+ 1	WSW	4	0	0	?	48	0.10	
Parsonstown	29.37	53	SW	4	0	29.23	- 23	49	46	- 3	SW	4	0	0	?	43	0.05	
Barrow-in-Furness	29.44	48	SSW	5	0	29.32	- 19	43	43	+ 2	SW	3	0	0	?	46	0.17	
Holyhead	29.52	50	SW	5	0	29.24	- 21	50	49	- 1	SW	6	0	0	?	49	0.18	
Liverpool (Bidston)	29.56	51	SW	5	0	29.36	- 19	53	50	+ 3	S	2	0	0	?	50	0.14	
Valencia	29.36	54	S	9	0	29.33	- 15	49	48	- 1	SW	5	0	0	?	43	0.09	
Roche's Point	29.45	51	W	7	0	29.40	- 20	51	51	- 1	WSW	5	0	0	?	48	0.12	
Pembroke	29.61	50	SSW	5	0	29.44	- 22	50	50	- 1	SW	4	0	0	?	50	0.20	
Scilly	29.69	52	SSW	7	0	29.54	- 25	52	52	- 1	WSW	4	0	0	?	51	0.05	
Prawle Point	29.81	51	SW	5	0	29.61	- 23	51	51	- 1	SSW	6	0	0	?	49	0.08	
Hurst Castle	29.84	49	W	6	0	29.62	- 19	50	50	- 1	WSW	8	0	0	?	49	0.13	
Dover	29.35	49	WSW	6	0	29.70	- 06	49	48	- 1	WSW	7	0	0	?	48	0.04	
London	29.79	52	SW	5	0	29.61	- 12	51	50	- 1	SW	5	0	0	?	50	-	
Oxford	29.74	51	SSW	5	0	29.55	- 16	53	51	- 2	S	5	0	0	?	51	0.02	
Cambridge	29.73	52	SW	3	0	29.54	- 08	51	51	- 1	SW	3	0	0	?	48	0.01	
Yarmouth	29.68	50	WSW	4	0	29.57	- 06	50	49	- 1	SW	5	0	0	?	48	-	
The Helder																		
Cape Gris Nez	29.90	50	SW	9	0	29.71	- 09	48	46	- 2	S	8	0	0	?	46	0.04	
Jersey	29.92	50	SW	4	0	29.72	- 22	50	50	- 1	SW	5	0	0	?	48	0.02	
Brest	29.90	51	SW	7	0	29.73	- 24	52	51	- 1	SW	7	0	0	?	50	0.28	
Lorient	30.02	52	WSW	7	0	29.82	- 23	52	51	- 1	WSW	8	0	0	?	48	0.04	
Rochefort	30.10	50	SSW	3	0	30.03	- 15	45	45	- 1	S	4	0	0	?	39	-	
Biarritz	30.05	55	SE	4	0	29.97	- 17	46	42	+ 2	S	3	0	0	?	39	-	
Corunna	*	*	*	*	*										*	*	*	
Brussels	*	*	*	*	*	29.81	+ 02	46	45	- 1	SSW	4	0	0	?	46	-	
Charleville	*	*	*	*	*	29.93	- 07	42	41	- 1	S	4	0	0	?	?	-	
Paris	30.06	50	SW	4	0	29.92	- 10	45	43	- 2	S	4	0	0	?	*	-	
Lyons	30.18	51	N	1	0	30.09	- 10	40	39	- 1	SE	1	0	0	?	40	-	
Toulon	30.13	50	W	4	0	29.92	- 10	48	47	- 1	E	5	0	0	?	46	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.29	46	SW	4	0	28.10	- 16	46	46	0	SW	5	0	0	?	44	1.82	

HIGH LEVEL STATION.

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

Hawes Junction	28.29	46	SW	4	0	28.10	-16	46	46	0	SW	5	0	0	48	44	1.82
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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								Valencia	29.43	54	53	S	8	omd	7
Sumburgh Head	29.31	38	36	N	4	6	4	Scilly	29.75	53	52	SSW	6	c	6
Stornoway	29.38	42	41	NE	3	0	3	Dover	29.82	50	49	W	5	emp	4
Aberdeen	29.37	43	42	NW	3	0	3	London	29.76	52	51	WSW	5	0	3
Shields	29.44	52	49	WSW	2	om	2	Yarmouth	29.66	54	52	WSW	5	c	3
Ardrossan	29.41	47	47	SW	3	0	3	Jersey	29.95	50	50	SW	4	0	4
Mullaghmore	29.34	52	51	SSW	5	org	4	Rochefort	30.16	50	50	SSW	4	m	2
Holyhead	29.55	51	50	SSW	5	d	4								

The barometer continues to rise in the W. and E., but is falling in the N. The winds have increased somewhat at the W. stations, but are little changed elsewhere. The sky is overcast generally, with rain in the W.

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 late for insertion in charts.

DAILY WEATHER REPORT

FOR

SATURDAY, 30TH DECEMBER.

1882

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 Saturday 30th DECEMBER 1882

BAROMETER, WIND & SEA

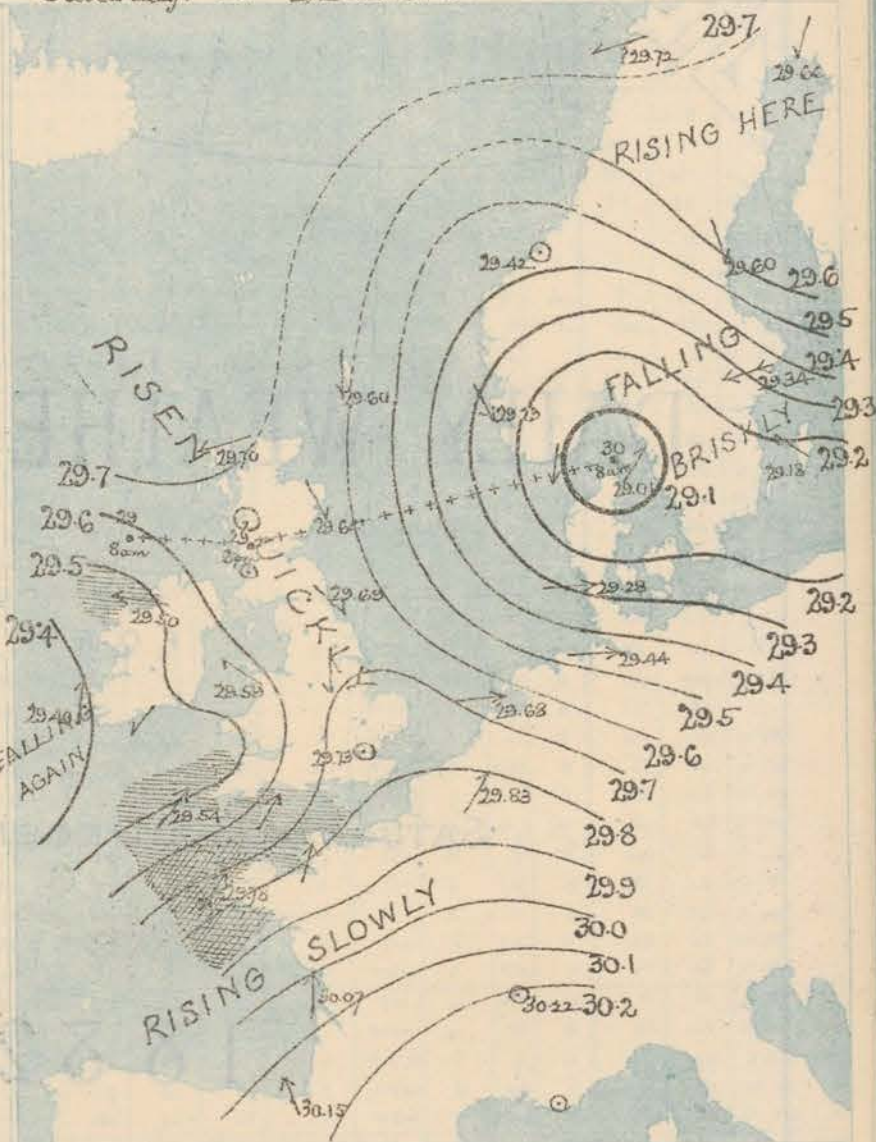
Explanation of Map.

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

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

Stations	Mean Readings, In.
Nairn	29.729
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.809
Greenacastle	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

* These means are for the 10 years 1866-76. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

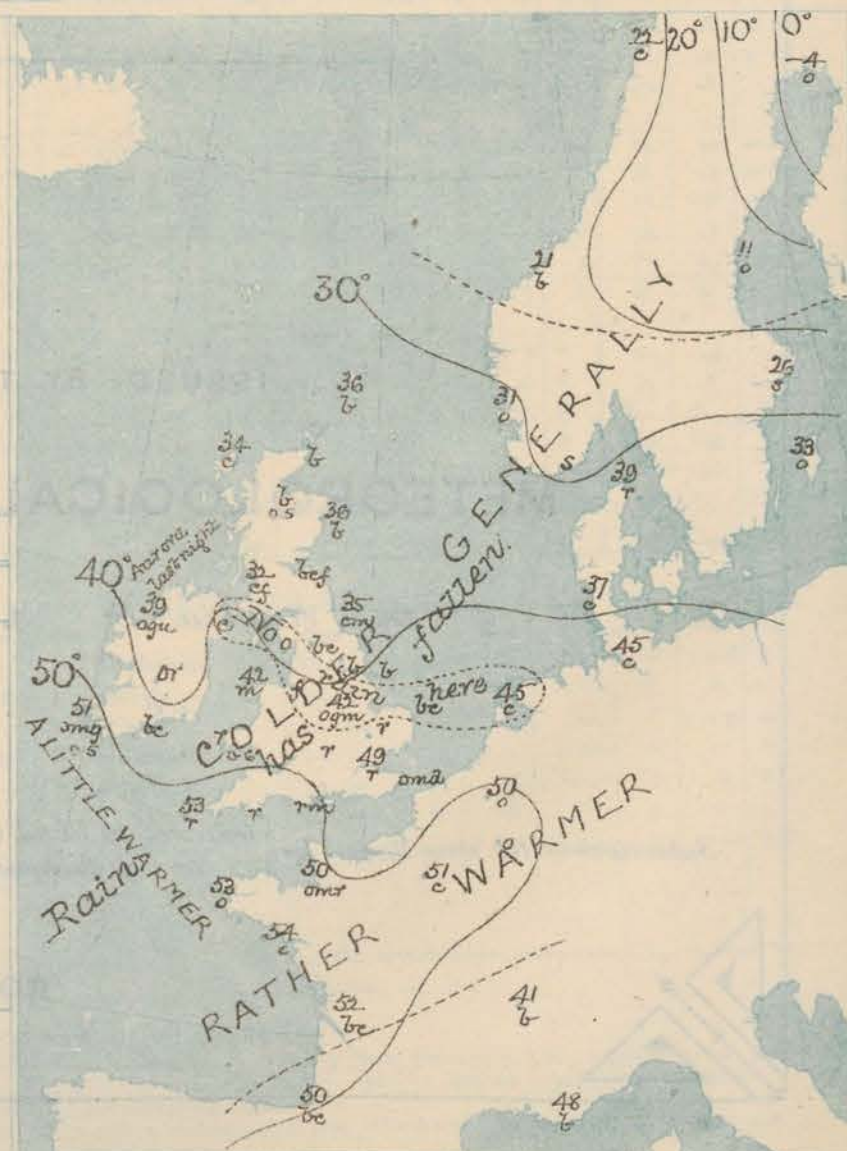
Temperature isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of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

MEANS* OF TEMPERATURE AND RAINFALL

for the month of December.

Stations	Temp	Rain-fall
Sundburgh Head	41.2	3.32
Sarnesway	41.5	6.08
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valencia	45.6	6.22
Sally (St Mary's)	46.7	1.02
Hurst Castle	43.7	?
Dover	41.0	3.54
LONDON	41.0	2.19
Yarmouth	40.3	3.42

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



REMARKS

for SATURDAY, DEC. 30TH 1882 at 8 a.m.

The depression, whose centre lay off the west of Scotland yesterday, has in the course of the past night, travelled rapidly to the E^W, and the barometer has risen quickly on all our northern and eastern coasts, while the wind has veered to the NW^W, with a considerable fall of temperature. In the meantime a fresh and decided fall of the barometer has taken place on our south west coasts, accompanied by a return of the wind to the S^W, a gloomy appearance and rain. At Valencia and Scilly the thermometer is inclined to rise. In France pressure remains high^{and} the wind is SW^W, strong in force, but while rain is falling at all the Channel stations, fine weather is reported over the Central and Southern Departments. Two high pressure systems are found in our area:—one over the south of France, the other to the N^W of Scotland. The advance of a new depression between these two can but produce much unsettled weather—with SW^W and W gales, and strong winds over the Southern Districts and E^W winds in the north. The sea is rough in the SW and S.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon

on the

31ST DECEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

NE^W breezes, force doubtful; fine to unsettled.

2 SCOTLAND EAST

Same as No 4.

3 ENGLAND NE

Same as No 5.

4 ENGLAND EAST

Varying winds, finally SE^W to S^W; becoming rainy.

5 MIDLAND COUNTIES

Wind varying between S. and N. light at first, then increasing; rain at times.

6 ENGLAND SOUTH

DISTRICTS

FORECASTS

6 SCOTLAND WEST

Same as No 4.

7 ENGLAND N.W.

Same as No 4.

8 ENGLAND S.W.

SW^W winds, strong to a gale; rainy.

9 IRELAND NORTH

SE^W winds, increasing in force; rain or sleet.

10 IRELAND SOUTH

Same as No 8.

WARNINGS

The North Cone was hoisted in Districts 0 and 1 yesterday afternoon; the South Cone is still up elsewhere.

METEOROLOGICAL OBSERVATIONS FOR

30th DEC^r 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.	Sun. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.62	-2	Z	0	0	29.66	+ 27	- 4	- 4	- 7	ZE	2	0	*	3	- 6	-		
Hernösand	29.64	5	Z	0	0	29.60	+ 14	11	11	+ 15	Z	2	0	*	2	- 8	-		
Stockholm	29.54	28	E	4	0	29.34	- 10	26	26	+ 1	E	8	3	*	28	23	0.08		
Wisby	29.43	32	E	4	0	29.18	- 17	33	33	- 2	SE	2	0	*	36	30	0.16		
Bodö	29.43	22	ENE	2	6	?	?	22	20	- 1	ENE	4	C	2	23	18	-		
Christiansund	29.32	25	ESE	2	6	29.42	+ 08	21	21	- 6	Z	0	6	2	27	16	-		
†Skudesnaos	29.16	33	E	4	8	29.23	- 09	31	31	- 6	NNW	6	0	4	37	?	-		
Oxö (Xiansund)	29.27	27	NNE	6	8	29.10	- 28	27	26	- 3	NNE	6	5	3	30	25	0.20		
Skagen (The Skaw)	29.38	33	S	3	0	29.01	- 43	39	38	+ 8	SW	4	A	3	39	30	0.20		
Faro	29.34	40	WSW	4	A	29.28	- 14	37	36	- 4	W	6	C	*	41	37	0.12		
Cuxhaven	29.48	?	SW	6	A	29.44	- 06	45	44	- 2	W	6	C	*	?	34	0.14		
†Sumburgh Head	29.25	35	NNE	3	0	29.60	+ 30	36	32	+ 1	N	4	6	3	36	32	0.01		
†Stornoway	29.36	35	N	4	6	29.70	+ 54	34	33	- 4	ENE	4	C	4	39	33	0.34		
Wick	29.26	38	N	3	6	29.05	+ 44	34	33	- 5	NW	2	6	2	42	32	0.17		
Nairn	29.29	36	ENE	2	8	29.69	+ 54	31	30	- 4	Z	0	6	2	37	31	0.52		
†Aberdeen	29.16	39	N	5	A	29.64	+ 48	36	34	- 6	NNW	4	6	3	43	35	0.24		
Leith	29.09	47	E	6	A	29.66	+ 50	38	33	- 15	NW	1	6	*	52	32	0.42		
†Shields	29.17	52	SW	6	C	29.69	+ 43	35	33	- 16	NW	3	6	2	55	32	0.02		
Spurn Head	29.30	51	SW	5	6	29.69	+ 26	42	40	- 7	NW	3	0	3	53	40	0.02		
York	29.28	52	SW	4	6	29.71	+ 35	36	34	- 17	N	1	6	*	56	36	0.05		
Loughborough	29.43	51	WSW	6	6	29.70	+ 24	42	40	- 11	NNW	1	6	*	54	41	-		
†Ardrossan	29.06	46	SW	3	0	29.67	+ 53	32	31	- 16	NE	1	6	1	43	31	0.02		
†Mallaghmore	29.37	43	NNW	6	0	29.50	+ 46	39	37	- 10	E	6	6	5	49	37	0.04		
Donaghadee	29.20	44	WSW	7	C	29.65	+ 47	41	40	- 9	SSE	5	6	3	51	40	-		
Parsonstown	29.49	43	SW	1	6	29.51	+ 23	37	36	- 12	SSE	1	6	*	50	34	0.37		
Barrow-in-Furness	29.40	47	SW	4	0	29.66	+ 34	37	35	- 11	NE	3	0	4	52	35	-		
†Holyhead	29.36	49	SW	5	C	29.59	+ 25	42	40	- 8	ESE	3	6	1	50	41	0.01		
Liverpool (Bidston)	29.35	48	WSW	5	C	29.64	+ 28	40	38	- 13	ENE	2	6	2	54	39	-		
†Valencia	29.46	46	NNW	1	C	29.40	+ 02	51	50	+ 2	S	4	6	4	53	41	0.45		
Roche's Point	29.52	49	NNW	4	6	29.42	+ 02	43	42	- 8	NE	4	6	4	53	40	0.35		
Pembroke	29.51	50	SW	3	A	29.49	+ 05	43	42	- 2	S	4	A	4	50	43	0.86		
†Scilly	29.64	52	SW	6	0	29.54	+ 00	53	53	+ 1	SW	7	A	6	53	51	0.33		
Prawle Point	29.67	49	SW	4	0	29.64	+ 03	51	51	0	SSE	6	A	6	57	48	0.14		
Hurst Castle	29.62	49	N	5	0	29.79	+ 17	50	50	0	WSW	6	N	6	51	48	0.13		
†Dover	29.59	50	WSW	6	0	29.79	+ 09	49	48	0	W	5	6	4	52	43	0.28		
†London	29.56	52	WSW	5	C	29.73	+ 12	49	48	- 2	SE	1	A	*	55	48	0.12		
Oxford	29.57	50	SW	6	C	29.70	+ 15	47	46	- 6	Z	0	A	*	55	47	0.13		
Cambridge	29.53	52	SW	3	6	29.74	+ 20	42	41	- 9	SW	1	A	*	56	40	0.01		
†Yarmouth	29.46	51	SW	4	0	29.72	+ 15	42	41	- 8	W	2	6	3	52	41	-		
The Helder	29.49	46	SW	5	0	29.68	+ 07	45	43	- 1	W	5	C	3	46	45	-		
Cape Gris Nez																			
†Jersey	29.73	51	WSW	6	0	29.80	+ 08	50	50	0	SSW	5	6	5	51	49	0.12		
Brest	29.82	52	WSW	5	6	29.78	+ 05	53	52	+ 1	SW	8	0	7	?	50	0.04		
Lorient	29.90	54	W	7	m	29.92	+ 10	54	52	+ 2	SW	7	0	7	54	48	0.16		
†Rochefort	30.00	52	SW	7	C	30.07	+ 04	52	51	+ 7	S	7	6	7	54	41	0.08		
Biarritz	30.13	53	E	4	C	30.15	+ 18	50	46	+ 4	SSE	5	6	3	59	43	-		
Corunna	*	*	*	*	*			*						*	*	*	*		
Brussels	*	*	*	*	*	29.33	+ 02	50	48	+ 4	SW	4	0	*	52	?	0.20		
Charleville	*	*	*	*	*	29.96	+ 03	48	47	+ 6	W	8	0	*	39	40	0.32		
Paris	29.86	50	S	3	A	?	?	51	48	+ 6	?	4	C	*	*	*	0.08		
Lyons	30.03	50	S	1	6	30.22	+ 13	41	40	+ 1	NW	1	6	*	54	39	-		
Toulon	30.14	49	SE	4	0	?	?	48	46	0	Z	0	6	1	50	47	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.00	40	WSW	7	0	28.45	+ 35	31	30	- 15	N	1	6	*	46	31	0.21		

HIGH LEVEL STATION.

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

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	29. 28	37	34	ESE	4	5	Valencia ...	29. 47	51	49	W	4	bcw	4
Sumburgh Head	29. 26	36	33	NE	2	0	Scilly ...	29. 59	53	52	WSW	5	c	6
Stornoway ...	29. 25	36	35	NE	8	AS4	Dover ..							
Aberdeen ...	29. 07	42	41	Z	0	m	London ...	29. 56	55	52	SW	5	0 q	•
Shields ...	29. 18	54	49	SW	5	c	Yarmouth ...	29. 50	52	51	SW	4	c	3
Ardrossan ...	29. 06	48	46	SW	4	0	Jersey ...	29. 70	51	51	SW	6	0	5
Mullaghmore ...	29. 12	47	47	W	6	29m	Rochefort ...	30. 20	50	49	S	5	f	2
Holyhead ...	29. 33	50	49	SW	6	c								

The depression in the N. still moves steadily to the E. while a W. gale has set in over the N. of Ireland and an E. gale is blowing at Stornoway, with snow.

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

SUNDAY 31st DECEMBER.

1882

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, 31st DECEMBER 1882

BAROMETER, WIND & SEA

Explanation of Map.

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

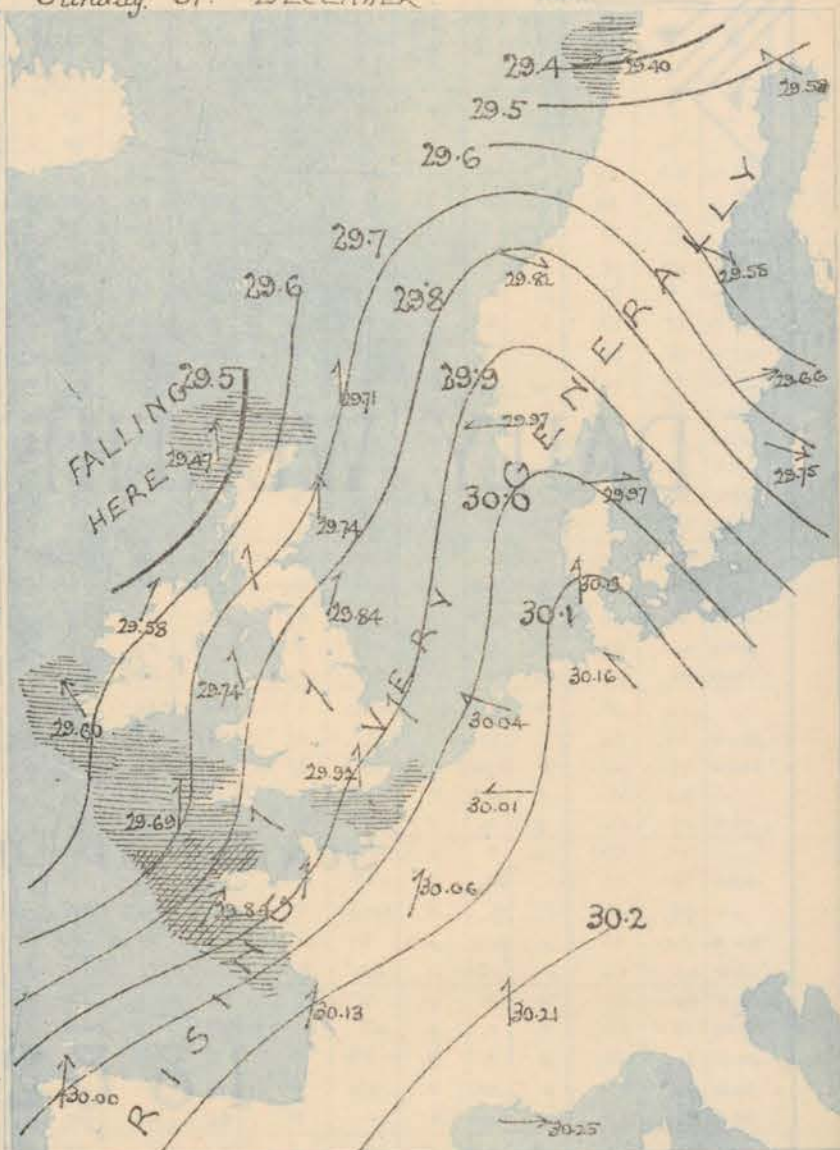
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10
 → forces 5 to 7; → forces 1 to 4;
 ⊙ = dead calm.

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

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

Stations	Mean Readings Ins.
Nairn	29.729
Aberdeen	29.790
Leith	29.782
Scarborough	29.837
Ardrossan	29.819
Greenock	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.837
Plymouth	29.832
LONDON	29.816
Yarmouth	29.881

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

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

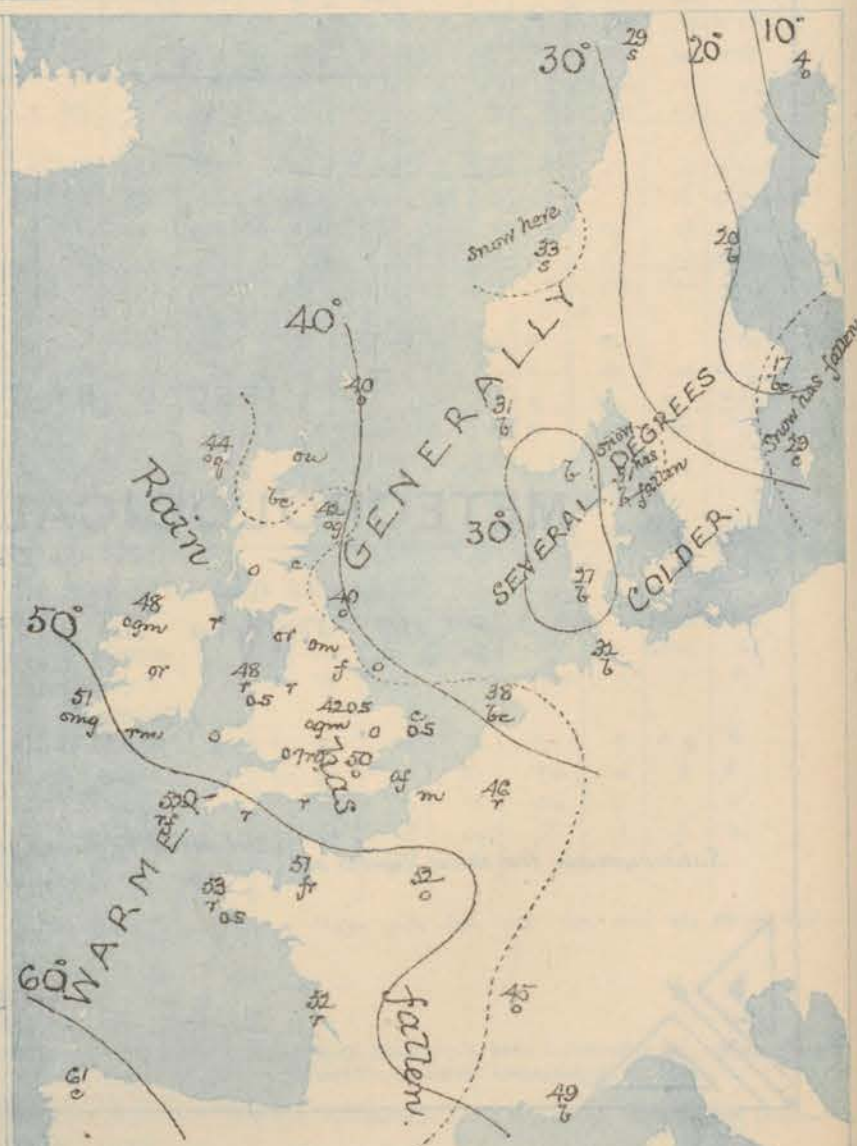
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

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

Stations	Temp.	Rain-fall
Sumburgh Head	41.2	3.32
Swansey	41.5	6.09
Aberdeen	35.5	2.98
Shields	39.7	2.79
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valencia	43.6	6.22
Sally (St Mary's)	46.7	4.02
Hurst Castle	43.2	?
Dover	41.0	3.54
LONDON	41.0	2.19
Yarmouth	40.3	3.42

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



METEOROLOGICAL OBSERVATIONS FOR 31st DEC.

1882

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Baromet. at 32° F. and Sea Level.	Temp. in shade.	WIND.			BAROMETER.		SHADE TEMP.			WIND.			Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force, (0 to 12).	Weather.	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	29.56	0	SE	2	0	29.58	-0.08	44	4	+8	SE	2	0	*	3	-9	-	
Hernösand	29.57	15	SE	2	0	29.58	-0.02	20	14	+9	NN	2	0	*	2	5	-	
Stockholm	29.35	20	N	8	0	29.66	+0.32	17	15	-	W	6	0	*	28	18	0.16	
Wisby	29.08	29	NE	9	5	29.75	+0.57	29	27	-	NN	6	0	*	3	27	0.43	
Bodö	29.25	27	SW	6	5	29.40	+0.15	29	28	+7	W	8	8	6	2	19	-	
Christiansund	29.65	34	WNW	5	0	29.82	+0.17	30	31	+12	WNW	4	5	4	34	15	-	
†Skudesnaes	29.79	20	NNW	4	0	29.97	+0.18	31	29	-	E	2	0	3	7	30	-	
Oxö (Christiansund)	29.70	28	NNW	2	0	29.99	+0.29	24	22	-	NN	2	0	1	30	19	-	
Skagen (The Skaw)	29.90	28	NNE	8	0	29.97	+0.07	31	28	-	W	4	0	3	32	27	0.20	
Fanö	29.83	31	NN	3	0	30.13	+0.30	27	27	-	S	1	0	*	39	27	-	
Cuxhaven	29.64	44	W	5	0	30.14	+0.50	34	30	-	SE	2	0	*	44	30	-	
†Sumburgh Head	29.82	25	N	1	0	29.71	-0.11	40	37	+3	S	4	0	4	40	35	-	
†Stornoway	29.78	40	SSW	5	0	29.47	-0.31	44	43	+1	S	7	0	5	44	33	0.01	
Wick	29.81	39	S	2	0	29.62	-0.19	44	39	+5	S	7	0	6	42	31	-	
Nairn	29.80	31	Z	0	0	29.62	-0.18	40	38	+2	Z	0	0	1	40	30	-	
†Aberdeen	29.82	41	E	3	0	29.74	-0.08	42	40	+2	S	7	0	4	46	35	0.01	
Leith	29.77	38	NE	1	bc	29.72	-0.05	41	39	+2	NE	3	0	*	41	30	0.03	
†Shields	29.76	42	E	3	0	29.84	+0.08	40	39	+1	SSW	3	0	3	42	32	-	
Spurn Head	29.76	42	E	4	0	29.86	+0.10	42	41	-	SE	5	0	4	43	39	-	
York	29.76	39	NNE	1	0	29.88	+0.12	40	40	+0	ESE	1	0	*	40	36	0.02	
Loughborough	29.73	38	NNE	2	r	29.87	+0.14	42	42	+0	SE	2	0	gm	42	38	0.50	
†Ardrossan	29.74	37	NE	2	0	29.69	-0.05	44	43	+1	SSE	2	0	2	44	31	0.16	
†Mullaghmore	29.55	42	SE	6	r	29.58	+0.03	48	47	+1	SSW	4	0	gm	49	39	0.14	
Donaghadee	29.72	42	NE	5	bc	29.68	-0.04	47	47	+0	SSE	4	0	2	47	40	0.12	
Parsonstown	29.61	42	E	3	r	29.66	+0.05	44	48	+4	Z	0	0	*	42	36	0.28	
Barrow-in-Furness	29.70	39	E	3	0	29.79	+0.09	42	41	-	E	3	0	3	42	36	0.05	
†Holyhead	29.65	40	E	4	m	29.74	+0.09	48	47	+1	SSE	3	0	2	48	36	0.51	
Liverpool (Bidston)	29.72	37	E	2	0	29.79	+0.07	41	41	+0	SE	4	0	3	41	34	0.42	
†Valencia	29.59	52	SSW	5	0	29.60	+0.01	51	51	+0	SE	5	0	5	55	49	0.34	
Roch's Point	29.56	46	W	4	0	29.67	+0.11	49	48	+1	SSW	5	0	5	51	41	0.30	
Pembroke	29.65	47	W	1	0	29.75	+0.10	49	49	+0	S	3	0	3	51	44	0.04	
†Scilly	29.72	53	SW	5	0	29.69	-0.03	52	52	+0	S	4	0	5	54	50	0.32	
Prawle Point	29.77	51	WSW	6	m	29.83	+0.06	50	50	+0	ESE	2	0	3	52	48	0.09	
Hurst Castle	29.74	49	WNW	4	0	29.90	+0.16	49	49	+0	SW	2	0	5	52	48	0.20	
†Dover	29.70	50	W	5	bc	29.96	+0.26	49	49	+0	W	1	0	2	52	47	0.42	
†London	29.69	52	W	2	0	29.92	+0.23	50	49	+1	S	2	0	*	54	47	0.36	
Oxford	29.77	47	NNE	2	0	29.88	+0.11	49	48	+1	SSE	1	0	3	52	43	0.72	
Cambridge	29.68	42	W	1	0	29.82	+0.14	45	45	+0	SSE	1	0	*	45	40	0.41	
†Yarmouth	29.70	41	ENE	6	r	29.95	+0.25	42	41	-	SE	3	0	4	43	37	0.50	
The Helder	29.79	39	ESE	1	0	30.04	+0.25	38	36	-	ESE	1	0	2	45	37	0.08	
Cape Gris Nez	29.75	51	SW	9	r	29.97	+0.22	49	49	+0	SW	8	0	6	59	46	0.24	
†Jersey	29.83	53	WSW	5	bc	29.88	+0.05	51	51	+0	S	4	0	4	54	48	0.30	
Brest	29.90	52	SW	4	m	29.94	+0.04	53	53	+0	SW	5	0	7	54	52	0.51	
Lorient																		
†Rochefort	30.12	53	SW	7	0	30.13	+0.01	52	52	+0	SSW	4	0	2	55	45	0.22	
Biarritz																		
Corunna						30.08	+0.07	61	58	-	S	9	0	4	63	57	-	
Brussels						30.01	+0.48	46	46	+0	E	1	0	*	53	42	0.20	
Charleville																		
Paris	29.91	52	SW	3	0	30.06	+0.15	52	49	+3	SSW	1	0	*	*	*	0.04	
Lyons	30.21	47	SE	1	0	30.24	+0.03	45	43	+2	S	1	0	*	50	41	-	
Toulon	30.29	47	W	5	0	30.25	-0.04	49	?	+?	W	5	0	2	54	46	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.49	33	NE	3	0	28.58	+0.09	36	36	+0	SE	1	0	gm	36	31	0.01	

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.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	29.58	31	28	N	6	b	4	Valencia	29.50	53	52	SW	4	omg	5
Sumburgh Head	29.74	37	34	N	3	b	2	Scilly	29.68	53	53	WSW	6	sp	6
Stornoway	29.74	40	37	SE	5	o	4	Dover	29.66	50	50	SW	6	ohr	5
Aberdeen	29.75	41	38	NE	3	bc	3	London	29.60	54	53	SSW	5	o	*
Shields	29.71	42	39	ENE	3	o	3	Yarmouth	29.65	42	41	ENE	5	r	3
Ardrossan	29.71	37	36	E	1	c	1	Jersey	29.79	54	53	WSW	6	o	5
Mullaghmore	29.51	41	38	ESE	5	omg	4	Rochefort	30.09	54	51	SW	7	o	3
Holyhead	29.55	47	47	E	6	c	5								

The barometer is falling in the SE. of England and also at Holyhead, but rising in all other localities. Moderate easterly breezes between NE. and SE. prevail in the N. and E., but in the S. the wind is fresh or strong from the SW. Rain is still falling at many of the S. stations. Sea is rather rough at Holyhead and Dover.

EXPLANATION OF COLUMNS.

WEATHER.—Bausfort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
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 † The evening observations are taken at 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.
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CORRECTIONS AND ADDITIONS TO THE REPORTS FOR DEC^r 1882.

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE	STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 29° 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).		Pressure at 29° F. and Sea Level.	Difference from 8 a.m. yesterday.	Temp.	Wet.	Dir.	Force (0 to 12).			Max.	Min.				
1 st	Spinn Head	30 15	30	N	14	bc	29 98	- 06	37	37	- 3	NNW	1	0	44	36	0 02			
	Coruna	30	4	*	*	*	30 06	- 21	54	50	0	N	5	0	44	57	50			
	Brussels	30	4	*	*	*	30 01	+ 12	29	29	- 6	SSW	1	0	40	28	-			
2 nd	He. Hellos	29 98	33	SSE	1	0	30 15	+ 18	80	29	- 1	ESE	1	0	34	30	-			
	Coruna	30	4	*	*	*	30 02	- 04	50	45	- 5	N	2	0	54	45	0 35			
4 th	Haparanda	30 32	8	N	2	0	30 33	+ 05	10	10	+ 15	SE	2	0	2	- 8	-			
	Hemssand	30 19	18	N	0	0	30 19	+ 07	25	23	- 5	ESE	2	0	2	-	0 08			
	Stockholm	30 15	22	E	2	0	30 06	- 19	24	21	- 2	ESE	2	0	25	18	0 04			
	Nasby	30 10	22	SE	4	0	29 95	- 24	21	20	+ 4	NNE	4	0	23	14	0 04			
	Bodo	29 90	21	E	6	0	29 99	- 00	20	17	- 2	E	2	0	2	18	-			
	Christiansund	29 59	20	SSE	6	0	29 60	- 10	28	20	- 6	SSE	3	0	23	-	-			
	Skudsmo	29 62	22	SE	9	0	29 50	- 22	30	26	- 3	ESE	2	0	34	2	-			
	Sundbygd Rd.	29 99	46	SSE	6	0	29 13	+ 09	36	35	- 9	SSE	2	0	46	35	0 76			
	Coruna	30	4	*	*	*	29 88	- 18	54	51	+ 1	NW	1	0	50	24	-			
	Brussels	30	4	*	*	*	29 06	- 76	45	44	+ 14	WSW	3	0	2	-	0 16			
	Louisa	30 02	40	NW	8	0	29 24	- 13	48	46	+ 14	WSW	1	0	48	34	0 08			
5 th	Tans	29 23	25	E	5	0	29 30	- 09	20	26	+ 9	E	2	0	27	2	-			
	Coruna	30	4	*	*	*	29 82	- 06	50	47	- 4	NNW	2	0	57	45	0 20			
6 th	Haparanda	30 29	- 9	N	2	0	30 18	- 16	- 6	- 6	- 2	N	4	0	- 4	- 9	-			
	Hemssand	29 91	19	NE	8	0	29 94	- 18	17	16	- 5	NE	0	0	25	18	0 16			
	Stockholm	29 54	17	N	6	0	29 63	- 09	18	18	- 2	NE	0	0	25	16	0 06			
	Nasby	29 51	20	E	4	0	29 58	- 18	19	18	+ 1	E	2	0	25	16	0 12			
	Coruna	30	4	*	*	*	29 12	- 78	54	53	+ 4	E	2	0	55	45	0 20			
7 th	Haparanda	30 18	6	NE	2	0	30 18	- 00	4	4	+ 10	NE	2	0	7	- 9	0 08			
	Hemssand	30 28	15	NE	6	0	30 28	+ 34	19	18	+ 2	NE	6	0	21	10	0 12			
	Stockholm	29 74	9	N	2	0	29 68	- 03	18	18	0	NE	4	0	19	9	0 08			
	Nasby	29 58	26	E	4	0	29 54	- 02	27	27	+ 8	NNW	2	0	28	21	0 08			
	Bodo	30 04	17	ESE	2	0	29 21	- 17	19	17	0	ESE	2	0	19	16	-			
	Christiansund	29 85	22	ESE	5	0	29 79	- 17	19	17	- 1	ESE	3	0	21	12	-			
	Skudsmo	29 75	24	E	4	0	29 73	- 01	26	23	+ 4	E	4	0	2	2	-			
	Skagen	29 73	23	NE	5	0	29 77	+ 12	21	17	- 2	NE	4	0	2	19	-			
	Tans	29 52	27	ESE	6	0	29 56	+ 11	28	27	+ 4	ESE	6	0	27	24	-			
	Skudsmo	29 61	32	NE	6	0	29 59	- 04	36	34	+ 4	ESE	7	0	26	25	0 41			
	Spinn Head	29 09	37	E	7	0	29 20	+ 02	36	36	+ 2	E	5	0	40	32	0 65			
	York	29 17	34	NE	4	0	29 26	- 09	34	34	+ 3	NNE	1	0	35	30	1 45			
	Holyhead	29 08	38	ESE	7	0	29 31	- 23	39	37	+ 3	NNE	2	0	39	38	0 08			
	Rock Point	29 50	32	NNE	5	0	29 50	+ 01	31	30	0	NNE	5	0	36	30	-			
	Pembroke	29 32	37	NE	4	0	29 24	- 16	34	32	+ 1	NE	5	0	37	32	0 17			
	Skudsmo 3pm	-	-	-	-	-	29 88	-	25	21	-	E	1	0	-	-	-			
	Sundbygd 2pm	-	-	-	-	-	29 61	-	30	30	-	SSW	3	0	-	-	-			
	Stomway 2pm	-	-	-	-	-	29 88	-	33	33	-	WNW	4	0	-	-	-			
	Shields 4pm	-	-	-	-	-	29 40	-	38	38	-	SSW	6	0	-	-	-			
	Holyhead 2pm	-	-	-	-	-	29 57	-	37	33	-	NE	5	0	-	-	-			
8 th	Holyhead	29 33	39	SE	8	0	29 33	-	39	38	-	NNE	6	0	-	-	-			
	Haparanda	30 22	- 1	NE	2	0	30 22	+ 02	6	6	+ 2	NE	4	0	2	- 4	-			
	Hemssand	29 91	18	NE	8	0	29 93	- 29	16	15	- 3	NE	6	0	25	14	0 08			
	Stockholm	29 75	22	ESE	2	0	29 89	+ 24	17	16	- 1	NW	2	0	23	7	0 08			
	Nasby	29 68	27	WNW	4	0	29 80	+ 24	26	25	- 1	SSW	2	0	26	25	-			
	Esbo	29 84	16	NNE	6	0	29 91	-	24	23	-	NNE	6	0	2	-	-			
	Skagen	29 82	21	NE	2	0	29 89	+ 12	25	21	+ 4	NE	4	0	25	19	-			
	Tans	29 66	23	ESE	6	0	29 69	+ 13	27	26	- 1	ESE	6	0	23	23	-			
	Spinn Head	29 16	42	ESE	6	0	29 35	+ 15	37	36	+ 1	ESE	7	0	42	36	0 58			
	Pembroke	29 32	37	NE	2	0	29 53	+ 29	30	36	+ 5	NNE	3	0	40	33	0 13			
	Coruna	30	4	*	*	*	29 75	-	38	37	-	NNE	5	0	50	36	0 20			
9 th	Pembroke	29 63	39	NE	3	0	29 72	- 19	34	33	- 8	NE	2	0	41	32	0 07			
	Coruna	30	4	*	*	*	29 80	+ 07	39	38	+ 1	ESE	4	0	50	34	0 17			
	Lyons	30 20	37	SSE	4	0	29 93	+ 22	33	31	+ 2	SW	1	0	41	30	-			
	Louisa	29 91	42	NW	4	0	29 89	+ 22	42	38	+ 2	ESE	5	0	46	40	-			
11 th	Haparanda	30 36	18	NE	2	0	30 27	- 21	19	18	0	NE	2	0	21	10	-			
	Hemssand	30 27	28	N	0	0	30 18	- 11	24	23	+ 3	N	4	0	22	19	0 08			
	Stockholm	30 17	30	N	0	0	29 91	- 14	35	34	0	E	6	0	30	28	-			
	Nasby	30 05	35	ESE	4	0	29 80	- 27	25	34	+ 2	SSE	6	0	30	30	-			
	Skudsmo	29 94	35	ESE	6	0	29 77	- 16	33	30	- 3	NNE	4	0	37	27	-			
	Bodo	29 93	30	NNE	6	0	29 65	- 29	32	31	+ 4	NNE	6	0	2	26	0 08			
	Rock Point	29 68	47	SE	8	0	29 64	- 12	37	37	+ 10	NW	3	0	42	27	1 06			
12 th	Haparanda	30 18	26	SE	2	0	30 01	- 26	30	2	+ 11	SE	2	0	2	18	0 08			
	Hemssand	29 89	34	SE	2	0	29 78	- 10	34	2	+ 10	SE	6	0	36	21	0 32			
	Stockholm	29 74	35	SW	6	0	29 62	- 29	36	35	+ 1	SW	4	0	37	28	0 04			
	Nasby	29 73	36	SSE	4	0	29 57	- 23	37	37	+ 2	E	4	0	37	22	0 04			
	Bodo	29 84	32	ESE	2	0	29 67	-	37	29	-	E	2	0	37	23	-			
	Christiansund	29 58	30	N	1	0	29 45	-	39	28	-	E	2	0	20	21	0 08			
	Skudsmo	29 50	34	N	0	0	29 45	- 32	36	35	+ 3	SSW	2	0	3	2	-			
	Bodo	29 45	33	NNE	4	0	29 50	- 15	39	32	+ 1	N	0	0	34	32	0 08			
	Coruna	30	4	*	*	*	29 25	- 31	34	44	+ 11	SSE	2	0	52	37	0 16			
13 th	Haparanda	29 87	31	S	4	0	29 87	- 14	33	32	+ 3	E	6	0	2	23	-	0 12		
	Hemssand	29 64	35	SE	6	0	29 93	+ 15	32	30	- 2	N	0	0	37	32	0 08			
	Stockholm	29 90	34	SSW	2	0	30 15	+ 55	30	29	- 6	SSW	2	0	39	3	0 04			
	Nasby	29 95	34	SSW	4	0	30 10	+ 53	38	32	- 4	E	2	0	30	32	0 04			

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 ...	29.611	37.5	33.3	40.1	36.7	25	7 th	47	20 th	0.181
	Wick ...	29.580	36.5	31.4	39.9	35.7	16	27 th	47	20 th	.195
	Stornoway ...	29.561	36.6	30.9	40.5	35.7	21	9 th	47	27 th	.199
1. SCOTLAND, E.	Nairn ...	29.589	31.5	26.5	36.5	31.5	10	8 th 9 th 16 th	47	27 th	.159
	Aberdeen ...	29.615	34.7	28.7	39.4	34.1	6	15 th	48	27 th + 28 th	.174
	Leith ...	29.598	35.3	28.9	40.5	34.7	6	15 th	52	28 th + 29 th	.181
2. ENGLAND, N.E.	Shields ...	29.620	37.0	32.3	41.2	36.8	19	13 th	55	29 th	.202
	York ...	29.636	36.1	32.5	40.7	36.6	16	12 th	55	29 th	.200
	Spurn Head ...	29.603	38.6	35.6	42.0	38.8	23	12 th	53	29 th	.224
3. ENGLAND, E.	Yarmouth ...	29.682	38.7	34.7	42.0	38.4	22	12 th	54	28 th	.221
	Cambridge ...	29.650	37.8	32.5	43.9	38.2	18	12 th	58	28 th	.214
4. MIDLAND COUNTIES.	Loughborough ...	29.640	36.7	33.7	42.0	37.9	17	12 th	55	27 th + 28 th	.204
	Oxford ...	29.666	38.5	35.5	44.1	39.8	18	12 th	55	27 th + 29 th	.257
5. ENGLAND S.	London ...	29.680	39.7	36.3	45.2	40.8	24	10 th + 11 th	57	27 th	.228
	Dover ...	29.685	41.1	37.5	45.4	41.5	28	11 th	54	27 th	.234
	Hurst Castle ...	29.670	41.5	38.0	46.5	42.3	22	11 th	52	30 th + 31 st	.247
6. SCOTLAND, W.	Ardrossan ...	29.605	36.1	31.4	41.1	36.3	18	13 th	50	27 th	.209
7. ENGLAND, N.W.	*Hawes Junction ...	28.378	32.7	28.5	36.6	32.6	15	11 th 12 th 13 th	50	31 st	.174
	Barrow-in-Furness...	29.616	38.1	34.7	41.9	38.3	26	13 th	49	28 th	.209
	Liverpool Obs. (Bidston)	29.620	37.7	34.6	42.4	38.5	27	12 th	54	27 th 28 th 29 th 30 th	.206
	Holyhead ...	29.616	42.2	38.8	45.2	42.0	29	12 th	51	27 th + 28 th	.239
8. ENGLAND, S.W.	Pembroke ...	29.628	43.0	40.2	45.4	42.8	31	10 th 11 th	51	28 th 29 th 30 th 31 st	.251
	Prawle Point ...	29.683	43.5	39.7	46.9	43.3	28	7 th + 8 th	52	28 th 29 th 30 th 31 st	.260
9. IRELAND, N.	Donaghadee ...	29.615	39.5	35.8	43.6	39.7	23	12 th + 13 th	54	27 th	.226
	Mullaghmore ...	29.582	39.5	35.7	44.5	40.1	19 th	10 th	54	27 th + 31 st	.212
10. IRELAND, S.	Parsonstown ...	29.644	35.9	30.0	42.3	36.2	10	13 th	56	27 th	.189
	Valencia ...	29.641	42.9	38.2	48.7	43.5	26	14 th	56	26 th + 27 th	.256
	Roche's Point ...	29.638	40.3	36.0	46.8	41.4	25	10 th	55	27 th + 28 th	.233
CHANNEL ISLANDS.	Scilly (St. Mary's)...	29.630	45.6	43.4	49.4	46.4	34	7 th + 8 th	54	28 th 29 th 30 th 31 st	.288
	Jersey (Noirmont)...	29.707	44.1	41.0	47.1	44.1	30	12 th	55	31 st	.266

*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 1882
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.																	
81	8.2	4.50	0.76	3 rd	24	1	0	0	3	20	3	6	4	4	5	7	1	4	0	0
90	7.8	3.73	0.37	10 th	24	5	1	0	5	18	8	1	1	1	8	6	1	4	8	1
92	6.6	4.51	0.56	27 th	28	3	0	0	6	12	6	3	2	6	5	5	4	4	2	0
90	5.5	4.33	0.85	28 th	18	2	0	0	11	12	0	0	2	3	1	0	2	7	0	16
86	7.1	7.14	0.65	28 th	28	5	3	0	7	18	7	2	3	2	3	5	5	6	3	2
88	7.8	5.06	0.92	28 th	21	4	0	0	2	18	6	1	4	0	6	2	3	8	4	3
92	8.3	3.24	0.37	9 th	23	3	0	0	0	17	6	3	2	2	2	1	7	7	4	3
94	7.8	5.00	1.45	6 th	24	2	0	0	5	20	0	10	2	3	2	6	1	6	1	0
96	7.2	3.57	0.65	6 th	23	1	1	0	3	14	2	1	3	5	5	5	5	3	4	0
94	6.5	4.10	0.83	7 th	22	0	0	0	3	10	4	0	1	2	7	4	6	6	1	4
95	8.4	2.61	0.50	25 th	22	0	0	0	4	25	0	1	1	0	8	1	7	7	2	4
94	8.8	4.32	0.74	25 th	21	3	0	0	2	25	11	4	2	2	4	1	3	8	2	5
93	7.2	3.09	0.72	30 th	22	2	0	0	8	19	1	2	3	2	3	4	6	5	1	5
93	8.6	2.01	0.53	7 th	18	0	0	0	1	22	4	1	2	1	7	4	6	6	1	3
91	6.4	2.74	0.42	30 th	22	0	1	0	8	14	2	2	3	2	3	3	5	9	3	1
94	7.2	2.95	0.36	31 st	23	1	0	0	2	11	2	3	5	3	2	3	4	7	4	0
98	7.8	4.03	0.65	31 st	21	2	0	0	5	22	1	0	14	2	1	3	1	5	1	4
93	8.4	7.09	1.82	28 th	22	5	0	0	4	25	4	5	7	2	5	3	4	3	1	1
91	6.6	3.11	0.65	26 th	13	0	0	0	6	14	2	2	13	3	4	0	5	1	3	0
91	7.3	3.88	0.85	25 th	20	2	0	0	7	18	0	3	3	6	8	3	2	5	1	0
89	7.3	4.31	0.51	2 nd	23	1	1	0	3	10	4	2	3	3	7	5	4	4	2	1
90	7.9	5.56	0.66	1 st	28	0	0	0	3	19	3	2	5	5	3	5	3	6	2	0
92	7.4	4.50	0.56	26 th	22	1	0	0	4	16	5	2	2	3	6	3	5	5	5	0
94	6.4	3.82	0.45	25 th + 26 th	23	1	0	0	4	9	3	1	4	2	4	4	7	6	3	0
88	8.3	4.14	0.86	25 th	20	0	0	0	3	19	9	2	3	8	1	4	8	3	1	1
89	7.6	3.37	0.63	24 th	17	0	0	0	7	21	0	2	0	0	6	4	5	5	1	8
93	7.3	5.85	0.56	24 th	23	0	0	0	5	17	5	2	2	3	5	4	4	2	4	5
94	6.8	5.48	1.06	10 th	21	0	0	0	7	15	5	9	3	1	1	5	4	5	3	0
89	9.3	7.78	0.91	13 th	29	0	0	0	0	24	9	5	2	2	2	3	6	6	3	2
92	8.4	5.85	0.75	3 rd	27	0	0	0	1	20	8	1	0	1	7	5	6	5	6	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.	BAROMETRE.		SHADE TEMP.		WIND.		Weather.	SSR. (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.
13 th	Beds.....	29.53	33	E N E	6	bc	29.42	- 24	33	32	+ 2	SSR	2	0	1	24	30	-
"	Christiansburg...	29.45	36	W S W	3	c	29.75	+ 30	30	33	+ 9	W S W	5	bc	4	7	28	0.08
"	Skedonaw...	29.71	36	W	2	c	29.89	+ 44	39	31	+ 3	NE	5	0	4	7	36	-
"	Paris.....	29.96	28	SW	4	bc	29.92	+ 25	31	30	+ 3	SE	3	0	4	36	24	-
"	Barrow-in-Turns...	29.68	29	NE	2	bc	29.59	- 09	31	31	+ 4	NE	2	0	1	33	26	-
14 th	Corunna.....	"	"	"	"	"	29.75	-	44	42	-	NE	4	bc	3	54	43	0.12
15 th	Mullaghmore.....	29.82	30	E	4	bc	29.68	- 11	35	33	+ 7	E	6	bc	4	25	28	-
"	Corunna.....	"	"	"	"	"	29.73	- 02	47	46	+ 3	E	5	bc	4	54	39	0.74
16 th	Mullaghmore.....	29.59	41	SE	6	bc	29.52	- 76	45	44	+ 10	ESE	5	bc	5	46	34	0.04
"	The Fields.....	29.96	39	ESE	1	bc	30.02	+ 19	39	39	+ 2	SE	1	bc	1	41	37	-
"	Barrow-in-Turns...	29.96	48	S	1	bc	29.89	- 08	46	43	+ 0	SW	1	bc	4	54	41	-
"	Corunna.....	"	"	"	"	"	29.73	- 00	52	49	+ 5	SW	4	0	3	55	46	0.16
18 th	Corunna.....	"	"	"	"	"	29.82	-	49	48	-	S	4	0	2	59	45	0.71
19 th	Corunna.....	"	"	"	"	"	29.87	+ 35	50	47	+ 1	ESE	3	0	4	54	48	0.28
20 th	Corunna.....	"	"	"	"	"	30.13	+ 26	42	41	- 8	NE	5	bc	3	59	39	-
"	Soulons.....	30.08	55	E	8	bc	30.27	+ 32	49	46	+ 3	E	7	bc	5	55	48	-
21 st	Corunna.....	"	"	"	"	"	30.31	+ 18	44	43	+ 2	E	2	bc	2	55	37	-
22 nd	Beds.....	29.66	31	E N E	6	bc	29.54	- 21	35	33	- 4	ESE	6	bc	3	7	28	-
"	Christiansburg...	29.48	43	SE	4	bc	29.29	- 32	41	34	- 4	SE	4	0	3	7	37	-
"	Oss.....	29.62	33	ESE	6	S	29.87	- 59	36	36	+ 1	ESE	4	A	3	36	30	1.30
"	Corunna.....	"	"	"	"	"	30.29	- 02	53	53	+ 9	W S W	4	0	3	61	43	-
26 th	York.....	29.43	37	S	1	0	29.38	- 19	34	33	- 2	W S W	1	0	4	39	32	0.42
"	Yarmouth 2 pm...	"	"	"	"	"	29.47	-	40	39	-	W S W	2	0	3	-	-	-
27 th	Spinn Head.....	29.56	38	W S W	1	0	29.89	+ 06	41	41	+ 3	SE	5	comp	4	41	36	0.25
"	Corunna.....	"	"	"	"	"	30.12	- 01	54	53	- 1	ESE	4	bc	2	59	52	-
28 th	The Fields.....	29.49	46	W S W	4	0	29.86	- 01	47	47	+ 10	SW	5	A	3	37	37	0.12
"	Corunna.....	"	"	"	"	"	30.04	- 08	48	47	- 6	SE	1	bc	2	59	45	-
28 th	The Fields.....	29.69	47	SW	5	C	29.61	+ 03	46	45	- 1	ESE	5	A	3	48	45	0.04
"	Corunna.....	"	"	"	"	"	29.88	- 16	54	54	+ 6	S	7	bc	4	61	46	0.02
30 th	Corunna.....	"	"	"	"	"	29.93	+ 05	61	60	+ 7	SE W	9	0	4	63	54	-
2. CORRECTIONS.																		
1 st	Sunderburgh, H. L.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No rain
2 nd	London.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.38
4 th	Leith.....	-	-	-	-	-	28.93	- 30	-	-	-	-	-	-	-	-	-	0.18
6 th	Holyhead 2 pm...	-	-	-	-	-	29.42	-	-	-	-	-	-	-	-	-	-	-
7 th	Scilly.....	-	-	-	-	-	-	-	-	39	-	-	-	-	-	-	-	-
8 th	Doughborough.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-
"	Holyhead.....	-	-	-	-	-	29.59	-	-	-	-	-	-	-	-	-	-	-
9 th	Wick.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25
"	York.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32
"	Holyhead.....	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-
11 th	Stamoway.....	-	-	-	-	-	-	-	-	38	36	+ 2	-	-	-	-	-	-
"	Barrow-in-Turns...	29.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Jersey.....	29.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 th	Rock Point.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.92
13 th	Spinn Head.....	29.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Oxford.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-
15 th	Stamoway.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
"	Barrow-in-Turns...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-
"	Scilly.....	-	-	-	-	-	29.71	+ 14	-	-	-	-	-	-	-	-	-	-
16 th	Fenlake.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15
"	Yarmouth.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42
17 th	Fenlake.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
18 th	Mullaghmore.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
"	Pravda Point.....	-	-	-	-	-	-	-	-	-	-	-	ESE	-	-	-	-	-
19 th	Scilly.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45
"	Yarmouth.....	29.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 th	Paris.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No rain
21 st	Rock Point.....	29.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Paris.....	30.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Doughadee.....	-	-	-	-	-	-	-	-	40	38	- 5	-	-	-	-	-	47
22 nd	Stamoway.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16
"	Wick.....	29.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23 rd	Pravda Point.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38
24 th	Sunderburgh.....	-	-	-	-	-	-	-	-	29	-	-	-	-	-	-	-	0.07
25 th	Paramotown.....	-	-	-	-	-	-	-	-	49	-	+ 14	-	-	-	-	-	35
26 th	Fenlake.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.53
27 th	Leith.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
"	Doughborough.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
"	Scilly.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54
28 th	Stamoway.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.36
"	Christiansburg...	-	-	-	-	-	29.54	-	-	-	-	-	-	-	-	-	-	-
"	Barrow-in-Turns...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No rain
29 th	Paris.....	29.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30 th	Spinn Head.....	29.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-