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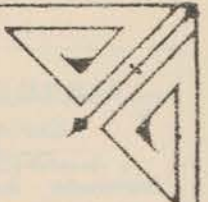
DAILY WEATHER REPORTS.

1ST JULY — 31ST DECEMBER,
1882.



Dangerfield Lith London 2315

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



DAILY WEATHER REPORT

FOR

WEDNESDAY 1st NOVEMBER.

1882


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

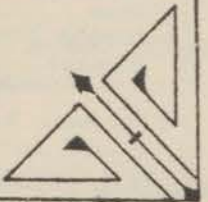
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ROBERT H. SCOTT

(SECRETARY.)



Printed by D. J. Doughty, 11, St. Paul's Churchyard, St. James's Garden.

WEATHER CHARTS

for 8 a.m. on Wednesday 1st November 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.

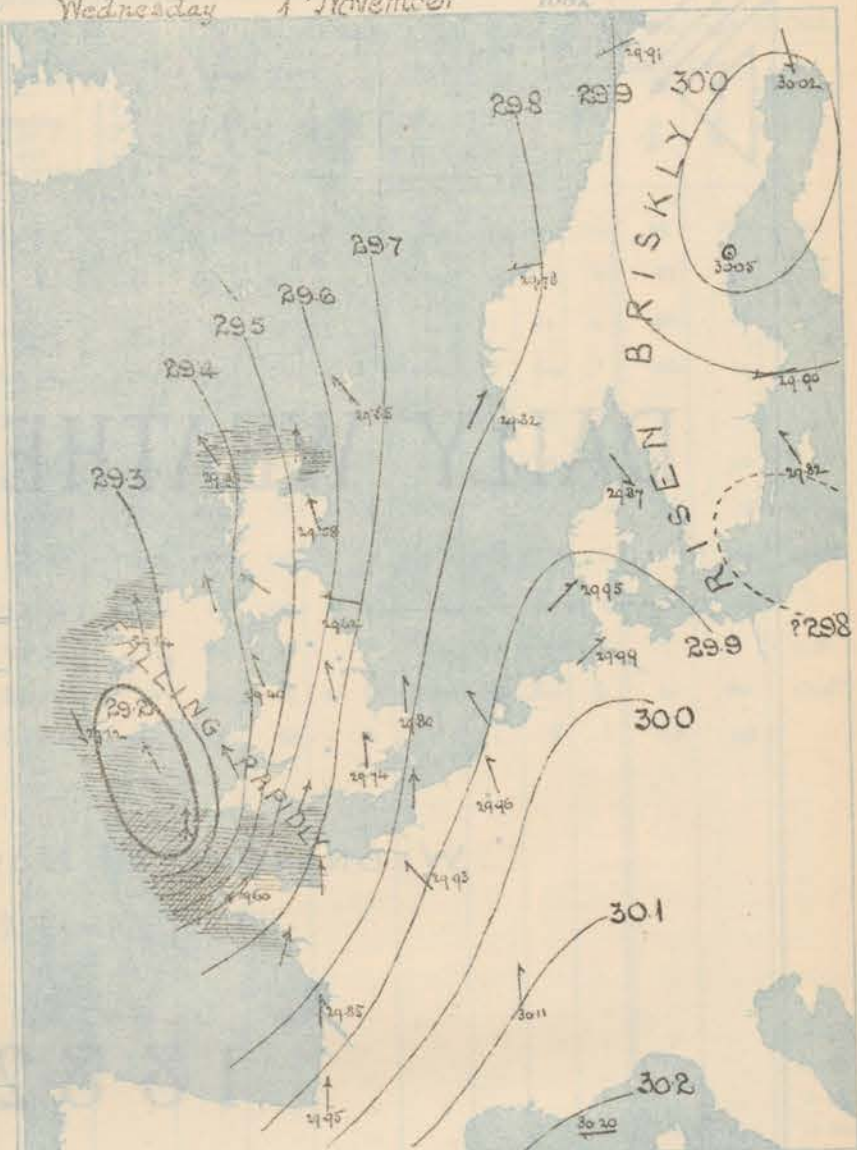
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force thus:
— forces above 10; — forces 8 to 10
— forces 5 to 7; — forces 1 to 4.
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of November

Stations.	Mean Readings. (in)
Nairn	29.822
Aberdeen	29.820
Leith	29.863
Scarborough	29.867
Ardrossan	29.879
Greenacres	29.899
Holyhead	29.897
Valencia	29.939
Roche's Pt.	29.873
Plymouth	29.960
LONDON	29.930
Vermouth	29.910

* 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.

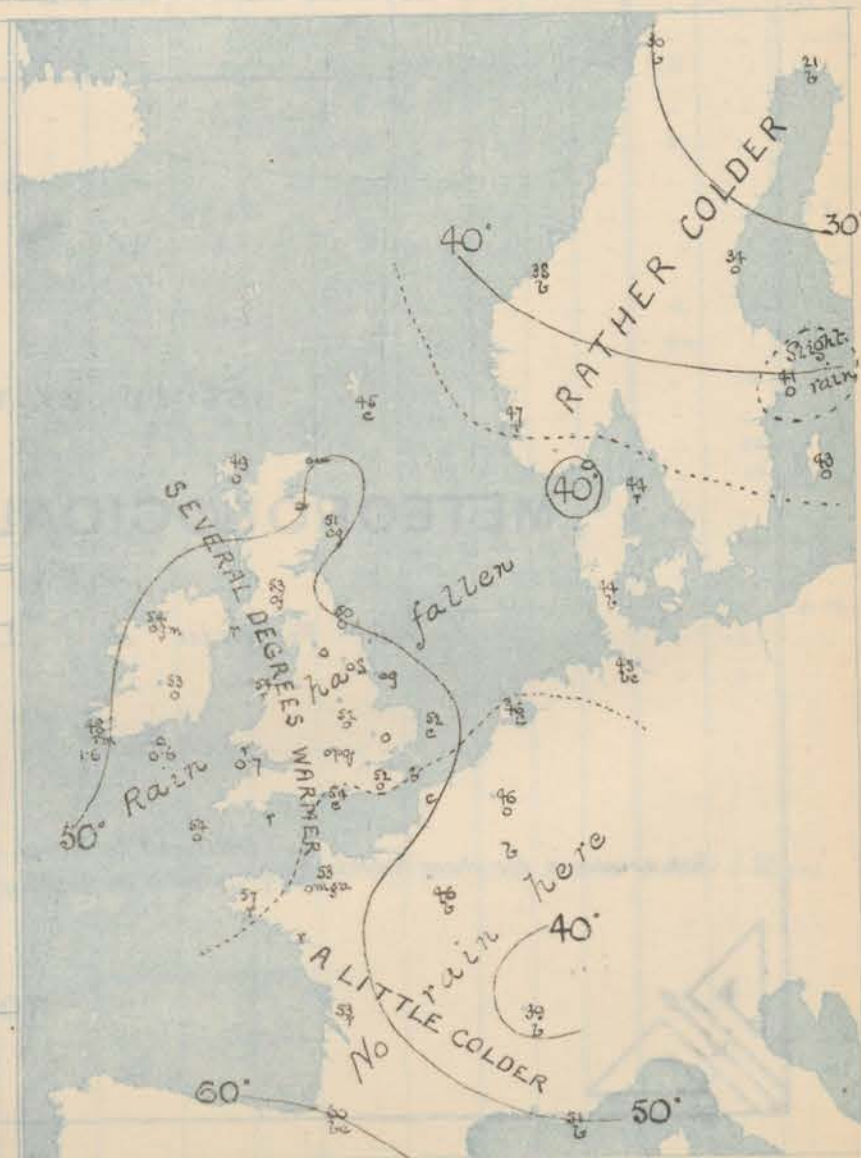
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of November

Stations	Temp.	Rain-fall
Sundburgh Head	41.4	2.51
Seacroft	41.5	2.30
Aberdeen	41.5	2.41
Shields	42.0	2.88
York	42.4	3.82
Shillaghlone	42.3	?
Holyhead	44.7	3.06
Parsonstown	43.7	2.25
Valencia	44.8	4.20
Sally (St Mary's)	46.3	4.19
Throst Castle	44.7	?
Dover	44.2	3.90
LONDON	43.6	1.89
Vermouth	43.3	2.13

* The mean Temperatures are those for the 13 years 1867-80; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Wednesday 1st November 1882 at 8 a.m.

The fall of the barometer noticed on our W coast yesterday was occasioned by the advance of a deep depression which now lies off the S. of Ireland, and the mercury still falls generally - quickly in the SW. In Scandinavia pressure is comparatively high, and still rises. S.W. winds strong to a gale are reported from the NW of France, but in our Island the wind is generally S.E.^{ly} or S.^{ly} and varies in strength from a moderate breeze in the E to a strong wind in the Channel, and a whole gale at Scilly. In the S. of Ireland a fresh S.^{ly} gale has blown in the night. The weather is cloudy or overcast in almost all places with rain in the W. and SW. In the course of the past 24 hours the rainfall at Valencia has amounted to 1.6 in. that at Pembroke to 0.7 in., and that at Roche's Point to 0.6 in. Temperature has risen several degrees over our Islands and readings at present range from 55° at Prawle Point to 46° at Harlyn. The sea is rough in the Wst part of the Channel, off the W of Ireland, & N of Scotland.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

2nd November

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

SE winds, fresh or strong; cloudy
Some rain

6 SCOTLAND
WEST

SE winds, moderate or fresh; cloudy
Some rain

2 SCOTLAND
EAST

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

7 ENGLAND
N.W.

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

3 ENGLAND
N.E.

SE winds, freshening; cloudy
to dull and rainy

8 ENGLAND
S.W.

S^{ly} to SE^{ly} or E^{ly} winds, strong to a
Gale; dull, rainy

4 ENGLAND
EAST

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

9 IRELAND
NORTH

Same as N^{os} 0 + 1

5 MIDLAND
COUNTIES

SE winds, freshening; dull,
rainy

10 IRELAND
SOUTH

Variable to E^{ly} or SE^{ly} winds; cloudy,
unsettled, some rain

6 ENGLAND
SOUTH

S^{ly} to SE^{ly} winds, strong to a gale,
weather becoming dull and rainy.

WARNINGE

The E. Cone was twisted yesterday
in districts 6 to 10 & this morning
in district 5

METEOROLOGICAL OBSERVATIONS FOR 1ST NOVEMBER. 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 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	29.84	23	N	2	b	30.02	+ .29	21	21	—	0	N	2	b	*	30	19	—		
Hernösand	29.89	35	N	2	o	30.05	+ .32	34	33	—	1	Z	0	o	*	37	34	—		
Stockholm	29.87	41	Z	0	o	29.90	+ .16	41	40	—	2	E	2	o	*	46	41	0.04		
Wisby	29.76	41	SSE	4	c	29.82	+ .04	43	42	—	3	SSE	2	o	*	50	39	—		
Bodö	29.84	31	E	2	b	29.91	+ .18	30	28	—	2	ENE	4	b	2	34	27	—		
Christiansund	29.67	41	SE	1	b	29.78	+ .25	38	34	—	4	E	1	b	3	46	34	—		
†Skudesnaes	29.67	48	SSW	6	o	29.82	+ .26	47	45	—	0	SW	4	r	4	48	46	—		
Oxö (Xiansund)	29.74	41	NNW	1	r	29.89	+ .32	40	40	—	2	NNE	1	o	3	48	39	0.16		
Skagen (The Skaw)	29.78	44	WNW	2	o	29.87	+ .31	44	43	—	2	NW	2	r	1	48	39	0.16		
Fanö	29.91	45	W	1	b	29.95	+ .33	44	44	—	2	SW	1	b	*	50	43	0.08		
Cuxhaven	29.82	?	W	4	r	29.99	+ .35	45	45	—	1	SW	2	bc	*	50	43	0.26		
†Sumburgh Head	29.65	46	N	2	b	29.65	+ .17	45	43	—	0	SE	3	c	3	50	39	0.01		
†Stornoway	29.76	39	WSW	1	b	29.86	— .33	49	48	—	10	SE	7	o	6	52	37	0.05		
Wick	29.75	38	Z	0	b	29.81	— .03	50	47	—	10	S	6	ow	5	50	34	0.08		
Nairn	29.77	40	Z	0	b	29.49	— .20	46	45	—	9	SSW	1	o	1	47	37	0.06		
†Aberdeen	29.80	44	NNW	1	bm	29.88	— .10	51	49	—	13	SSE	5	og	3	52	35	0.01		
Leith	29.83	44	W	1	o	29.84	— .19	50	48	—	5	ESE	1	c	*	52	41	0.03		
†Shields	29.88	49	W	1	o	29.62	— .18	50	49	—	5	ESE	2	om	2	52	42	—		
Spurn Head	29.93	49	SSW	4	c	29.72	— .14	51	50	—	6	SSE	4	og	2	51	44	0.04		
York	29.92	50	S	1	o	29.66	— .20	50	49	—	4	SSE	3	o	*	55	43	0.08		
Loughborough	29.96	49	Z	0	r	29.64	— .30	52	50	—	9	SSE	4	ow	*	54	43	0.08		
†Ardrossan	29.81	50	SSE	2	o	29.43	— .36	53	53	—	4	SE	3	uf	2	53	45	0.08		
†Mullaghmore	29.65	49	SE	5	r	29.24	— .56	52	51	—	10	SSE	6	ogm	6	55	42	0.08		
Donaghadee	29.83	50	S	3	r	29.39	— .46	53	53	—	14	SSE	5	r	3	54	38	0.23		
Parsonstown	29.64	52	SSE	2	r	29.24	— .46	53	52	—	12	SE	1	o	*	53	40	0.20		
Barrow-in-Furness	29.97	51	S	3	bc	29.50	— .35	52	52	—	2	SE	5	o	4	55	47	0.19		
†Holyhead	29.80	50	SSW	2	r	29.40	— .51	54	52	—	4	SSE	4	r	3	55	48	0.38		
Liverpool (Bidston)	29.87	49	ESE	3	r	29.53	— .37	52	51	—	6	ESE	3	o	3	53	46	0.21		
†Valencia	29.55	55	SSE	7	ogm	29.32	— .62	48	48	—	3	NW	4	om	5	57	48	1.59		
Roche's Point	29.66	52	S	5	o	29.15	— .76	54	53	—	1	SSE	6	c	36	50	0.60			
Pembroke	29.81	56	SSW	4	o	29.35	— .61	54	54	—	1	SE	6	r	4	56	43	0.70		
†Scilly	29.82	55	S	6	o	29.8	— .81	52	52	—	1	S	10	o	76	57	52	0.16		
Prawle Point	29.96	55	S	4	o	29.51	— .53	55	55	—	3	S	6	r	76	56	52	0.01		
Hurst Castle	30.01	54	SW	4	c	29.66	— .37	54	51	—	5	SSW	7	c	5	57	48	—		
†Dover	30.05	52	WSW	4	b	29.82	— .19	53	52	—	8	S	5	b	3	54	44	—		
†London	30.02	55	SSW	3	o	29.74	— .27	52	50	—	9	S	4	o	*	58	42	0.01		
Oxford	29.96	51	SSW	3	o	29.65	— .35	52	51	—	10	SE	4	og	*	56	42	0.01		
Cambridge	30.01	49	SW	1	r	29.71	— .27	51	50	—	10	S	2	o	*	56	38	0.03		
†Yarmouth	30.01	50	WSW	1	bc	29.88	— .11	52	51	—	9	S	4	c	3	52	48	0.02		
The Helder	30.02	51	W	3	c	29.93	+ .10	46	46	—	5	SSE	1	c	1	54	46	—		
Cape Gris Nez	30.06	53	SW	3	b	29.76	— .23	50	49	—	0	SSE	4	c	2	57	46	—		
†Jersey	30.02	55	S	3	bm	29.69	— .39	53	53	—	1	S	5	om	5	57	51	—		
Brest	29.99	55	SSW	5	bc	29.62	— .46	57	53	—	3	SW	9	r	8	57	54	0.12		
Lorient	29.97	57	SSW	4	bc	29.87	— .44	58	57	—	5	WSW	7	r	5	59	50	—		
†Rochefort	30.05	58	S	4	c	29.85	— .26	53	51	—	3	S	5	r	2	64	45	—		
Biarritz	30.08	59	E	5	b	29.95	— .28	60	54	—	12	S	5	bc	4	66	52	—		
Corunna	*	*	*	*	*	*	*	*	*	—	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.96	— .06	46	44	—	0	SSE	3	o	*	55	44	—		
Charleville	30.14	46	WNW	4	b	30.01	— .21	42	39	—	4	W	1	b	*	59	39	—		
Paris	30.16	51	SSW	1	b	29.93	— .21	46	42	—	4	SE	3	b	*	*	*	—		
Lyon	30.26	56	SE	1	bc	30.11	— .19	39	39	—	0	S	1	b	*	53	36	—		
Toulon	30.13	58	Z	0	b	30.20	+ .14	51	49	—	3	E	4	b	2	61	50	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.66	44	W	2	o	28.36	— .26	49	48	—	7	S	2	o	*	49	42	0.04		

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

Hawes Junction	28.66	64	W	2	o	28.36	49	48	—	7	S	2	o	49	42	0.04
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

Sta.	Dry.	Wet.	Wind.	Wet.	Ses.	Bar.	Dry.	Wet.	Wind.	Wet.	Ses.
Skudesnaes						Valencia	29.64	55	S	5	rmg
Sumburgh Head	29.56	48	45	N	3	Scilly	29.88	57	SSW	5	om
Stornoway	29.76	52	47	SW	3	Dover	30.05	54	W	4	b
Aberdeen	29.77	48	44	W	3	London	30.04	56	SW	3	c
Shields	29.87	5	46	W	2	Yarmouth	30.00	52	WNW	2	b
Ardrossan	29.83	51	51	WSW	2	Jersey	30.07	55	SSE	2	c
Mullaghmore	29.77	50	47	S	2	Rochefort	30.11	63	SW	4	bc
Holyhead	29.90	53	49	SSW	3						

Ben Nevis 4406 ft. 25.26 30 30 NW 1 f 30 28 0.67
9 a.m. on 31st Oct

The barometer continues to rise in the E. and N., but is falling briskly in the SW. The wind has freshened from the S^W on our S.W. coast with rain in the S. of Ireland, but on our E. and N. coasts light W^W breezes and fair weather continue. The sea is smooth at Holyhead, slight at Dover.

EXPLANATION OF COLUMNS.

WEATHER.—Brewster Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) c. 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 2ND NOVEMBER.

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 Thursday 2nd Nov^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.

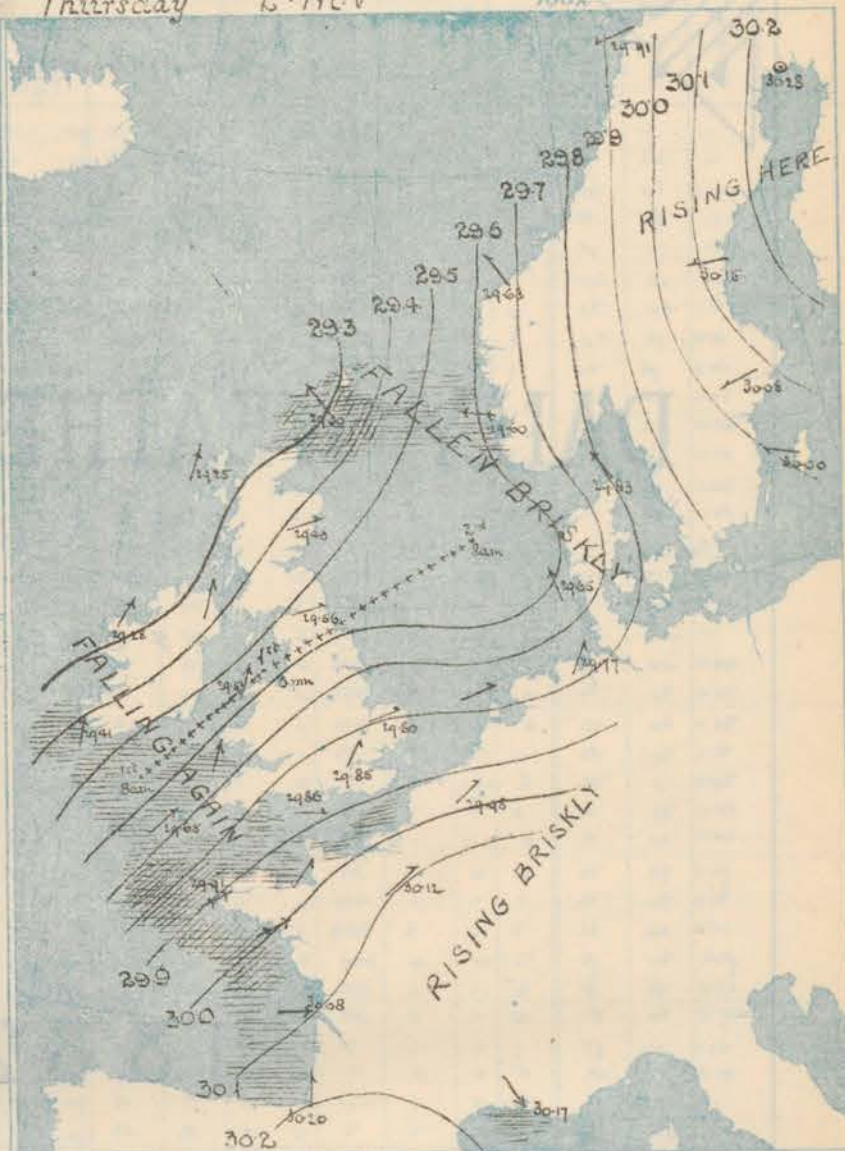
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10
→ forces 5 to 7; → forces 1 to 4
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of November

Stations.	Mean Readings. ins.
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Aberdeen	29.820
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Greenock	29.887
Holyhead	29.897
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Roche's Pt.	29.873
Plymouth	29.960
LONDON	29.940
Yarmouth	29.910

* 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.

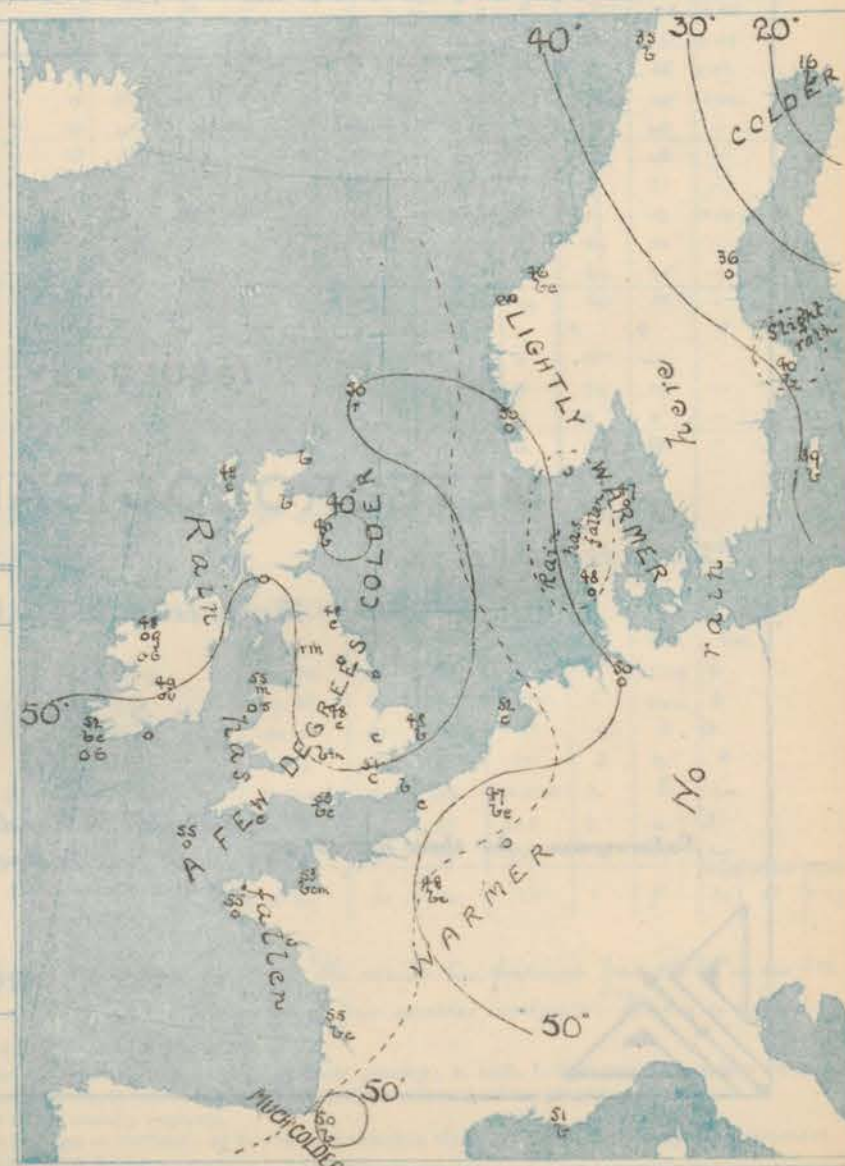
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

MEANS* OF TEMPERATURE AND RAINFALL for the month of November

Stations	Temp.	Rain-fall ins.
Sundburgh Head	41.4	2.51
Stornoway	41.5	4.30
Aberdeen	41.5	2.91
Shields	42.0	2.83
York	42.4	2.32
Mullaghmore	43.3	?
Holyhead	44.7	3.06
Parsonstown	43.7	2.45
Valencia	44.8	4.80
Sally (St Mary's)	46.3	4.19
Hurst Castle	44.7	?
Dover	44.2	3.80
LONDON	43.6	1.89
Yarmouth	43.3	3.24

* 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 2nd November 1882 at 8 a.m.

The depression which lay off our South west coast yesterday morning travelled NE^{ward} in the course of the day, and occasioned strong gales from between S and W on all our more southern coasts. The centre of the disturbance is now found over the North Sea, and in its rear the barometer has risen generally, but on our South west coasts a fresh fall has set in during the night. SE^{ward} winds prevail over Scandinavia and the N. of Scotland, but in all other places the wind is SW^{ward}, and although the strong gales of yesterday have subsided a moderate gale still blows in the SW. The weather is fair in the East and North, dull in the West. In the course of yesterday rain fell generally, the amount in the West and the North west being rather large. Temperature has fallen a little at most stations, and at present ranges from 55° at Holyhead, Plunketts and Scilly, to 44° at Narvik. The sea is high at Lumburgh Head and in the Bay of Biscay, rough in the W and S.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

3rd November

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^W and SE ^W winds, fresh or strong; cloudy, some rain
2 SCOTLAND EAST	SW ^W winds, moderate; unsettled, some showers
3 ENGLAND NE	-----D-----D-----D-----
4 ENGLAND EAST	Same as N ^o 5
5 MIDLAND COUNTIES	Same as N ^o 5
6 ENGLAND SOUTH	SW ^W winds, moderate to fresh or strong; fair at first, afterwards becoming unsettled and showery

DISTRICTS

FORECASTS

6 SCOTLAND WEST	S ^W winds, moderate or fresh; unsettled; some rain
7 ENGLAND N.W.	S ^W and SW ^W winds, moderate or fresh; cloudy, showery
8 ENGLAND S.W.	SW ^W winds, strong to a gale; cloudy, some rain
9 IRELAND NORTH	S ^W and SW ^W winds, fresh or strong; unsettled, rain at times
10 IRELAND SOUTH	-----D-----D-----D-----
WARNINGS	
The S. Cone is still up in districts 3, 5 to 9 and part of 2.	

METEOROLOGICAL OBSERVATIONS FOR 2ND NOVEMBER. 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 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	30.17	16	Z	0	b	30.28	+	26	16	15	-	5	Z	0	b	27	16	-	
Hernösand	30.13	33	N	2	o	30.15	+	10	36	34	+	2	E	1	o	37	32	-	
Stockholm	30.04	40	E	2	r	30.08	-	18	40	39	-	1	ENE	2	b	45	39	0.12	
Wisby	29.97	42	ESE	2	o	30.00	+	18	39	38	-	4	ESE	2	b	48	39	-	
Bodö	29.94	32	E	2	b	29.91	-	00	35	34	+	5	ENE	4	b	35	28	-	
Christiansund	29.79	40	ESE	2	b	29.68	-	10	46	39	+	8	SE	3	b	46	34	-	
†Skudesnäs	29.78	50	SE	8	o	29.60	-	22	50	46	+	3	ESE	8	o	50	46	-	
Oxö (Xiansund)	29.78	55	ENE	6	r	29.71	-	18	48	46	+	8	E	5	o	5	2	0.32	
Skagen (The Skaw)	29.93	45	ESE	3	o	29.83	-	04	47	45	+	3	SE	5	o	48	40	-	
Fanö	29.78	47	SE	6	o	29.65	-	30	48	47	+	4	SSE	6	o	50	43	0.04	
Cuxhaven	29.89	?	SSE	3	b	29.77	-	22	50	49	+	5	SSW	3	o	50	43	-	
†Sumburgh Head	29.39	50	SE	6	r	29.30	-	35	50	49	+	5	SE	5	r	50	45	0.30	
†Stornoway	29.14	52	SSE	4	r	29.25	-	41	45	47	-	1	SSW	5	c	52	42	0.22	
Wick	29.52	52	SSE	7	o	29.35	-	16	45	43	-	5	SSE	4	b	52	41	0.20	
Nairn	29.77	50	Z	0	o	29.35	-	14	44	38	-	5	Z	3	b	52	41	0.05	
†Aberdeen	29.26	51	SSE	6	r	29.43	-	15	40	38	-	11	WSW	2	b	53	38	0.08	
Leith	29.21	50	S	1	o	29.49	-	08	46	44	-	4	SW	1	b	50	44	0.05	
†Shields	29.25	51	SSE	4	o	29.36	-	06	45	45	-	2	WSW	3	c	52	44	0.06	
Spurn Head	29.27	51	SE	7	c	29.70	-	02	47	46	-	4	SSW	4	c	52	46	0.03	
York	29.22	54	SSE	4	o	29.66	-	00	44	43	-	6	S	1	c	54	44	0.13	
Loughborough	29.20	52	S	6	o	29.73	+	09	44	46	-	4	SW	3	c	55	45	0.04	
†Ardrossan	29.17	51	E	1	o	29.42	-	01	50	50	-	3	SSE	3	o	50	47	0.29	
†Mullaghsore	29.29	50	WNW	6	c	29.28	+	04	48	45	-	6	SW	5	o	54	46	0.58	
Donaghadee	29.21	49	N	5	o	29.41	+	02	50	49	-	3	SSW	4	o	54	49	0.40	
Parsonstown	29.42	47	WNW	2	b	29.40	+	16	49	47	-	4	S	1	ow	57	44	0.13	
Barrow-in-Furness	29.13	52	SE	4	r	29.55	+	05	50	49	-	2	S	5	op	54	50	0.29	
†Holyhead	29.07	52	WN	8	r	29.53	+	13	55	52	+	1	SSW	5	m	57	49	0.54	
Liverpool (Bidston)	29.11	51	ESE	2	r	29.61	+	05	50	48	-	2	SSE	3	o	55	47	0.08	
†Valencia	29.58	51	WSW	5	c	29.41	+	19	52	50	+	4	SSW	6	b	54	45	0.61	
Roche's Point	29.52	49	WNW	4	b	29.58	+	23	52	51	-	2	WSW	5	o	55	47	0.32	
Pembroke	29.59	51	N	8	o	29.60	+	25	55	52	+	1	SSW	7	o	55	46	0.10	
†Scilly	29.66	53	N	8	ag	29.65	+	47	55	54	+	1	SW	7	o	55	50	0.06	
Prawle Point	29.59	52	WSW	10	o	29.51	+	30	54	52	-	1	SW	7	c	55	48	0.14	
Hurst Castle	29.52	53	N	10	c	29.56	+	20	53	50	-	1	N	4	b	58	51	0.06	
†Dover	29.5F	56	WSW	7	b	29.59	+	07	51	50	-	2	N	4	b	57	49	0.03	
†London	29.44	52	SW	8	o	29.55	+	11	51	48	-	1	SW	2	c	59	47	0.08	
Oxford	29.44	51	SW	8	o	29.50	+	15	48	47	-	4	SSW	2	b	58	47	0.02	
Cambridge	29.36	53	SW	5	o	29.52	+	11	48	46	-	3	SW	1	c	57	44	0.01	
†Yarmouth	29.50	54	S	6	o	29.50	-	00	48	46	-	4	WSW	4	b	54	45	-	
The Helder	29.65	51	S	4	o	29.78	-	15	52	49	+	6	WSW	5	c	54	46	0.04	
Cape Gria Nez	29.62	55	S	8	c	29.91	+	15	51	54	+	4	SW	8	c	65	46	0.12	
†Jersey	29.73	54	WSW	8	c	29.94	+	25	53	52	-	0	SW	4	b	58	49	0.07	
Brest	29.88	57	WN	8	b	29.91	+	3	55	53	-	2	WSW	8	o	57	50	0.04	
Lorient	29.89	56	WNW	9	c	29.98	+	31	56	52	-	2	WSW	8	c	57	50	0.04	
†Rochefort	29.94	57	WNW	8	b	30.05	+	23	55	53	+	2	N	5	b	61	45	0.08	
Biarritz	30.22	58	SW	3	o	30.20	+	25	50	46	-	10	S	3	b	66	46	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	29.98	+	02	47	45	+	1	SW	5	b	58	46	0.04	
Charleville	29.91	52	SSW	8	o	30.06	+	05	46	42	+	4	WN	1	o	60	37	-	
Paris	29.87	55	SW	5	b	30.12	+	19	48	45	+	2	SW	4	b	*	*	-	
Lyons	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Toulon	30.16	57	S	4	o	30.17	-	02	51	50	-	0	WN	7	b	59	50	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.98	48	SSW	2	r	28.36	-	00	44	44	-	5	SSW	3	m	42	42	0.40	

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

Hawes Junction	27.98	48	SSW	2	r	28.36	44	44	-	5	SSW	3	m	49	42	0.40
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

YESTERDAY'S 2 P.M. REPORTS AND FORECASTS																
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.			
Skudeanaes	29.81	49	46	SE	6	o	5	Valencia	29.44	52	51	WNW	6	ag	6	
Sumburgh Head	29.56	49	47	SE	5	o	5	Scilly	29.48	53	51	W	9	ag	7	
Stornoway	29.22	53	52	SE	6	o	5	Dover	29.64	56	54	SSW	6	be	5	
Aberdeen	29.40	52	50	SSE	6	o	3	London	29.53	57	54	S	6	e	*	
Shields	29.39	52	50	SSE	4	o	3	Yarmouth	29.61	53	51	S	6	c	5	
Ardrossan	29.25	51	52	SE	4	r	3	Jersey	29.62	55	52	WSW	8	a	6	
Mullaghsore	29.22	49	47	WN	5	agmp	4	Rochefort	29.93	59	57	NE	7	r	2	
Holyhead	29.13	54	51	SSE	5	o	4	Ben Nevis 4406 ft	29.90	35	35	SE	9	f	36	28
Damp on North																

The depressions in the W. are moving quickly to the NErd and the wind is rising to SW. and N. on our S. coasts, where it is blowing a fresh gale with a rising barometer. The sea is high on our SW. coasts, rough in the Channel generally.

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 3RD NOVEMBER.

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 3rd NOVEMBER 1882

BAROMETER, WIND & SEA

Explanation of Map

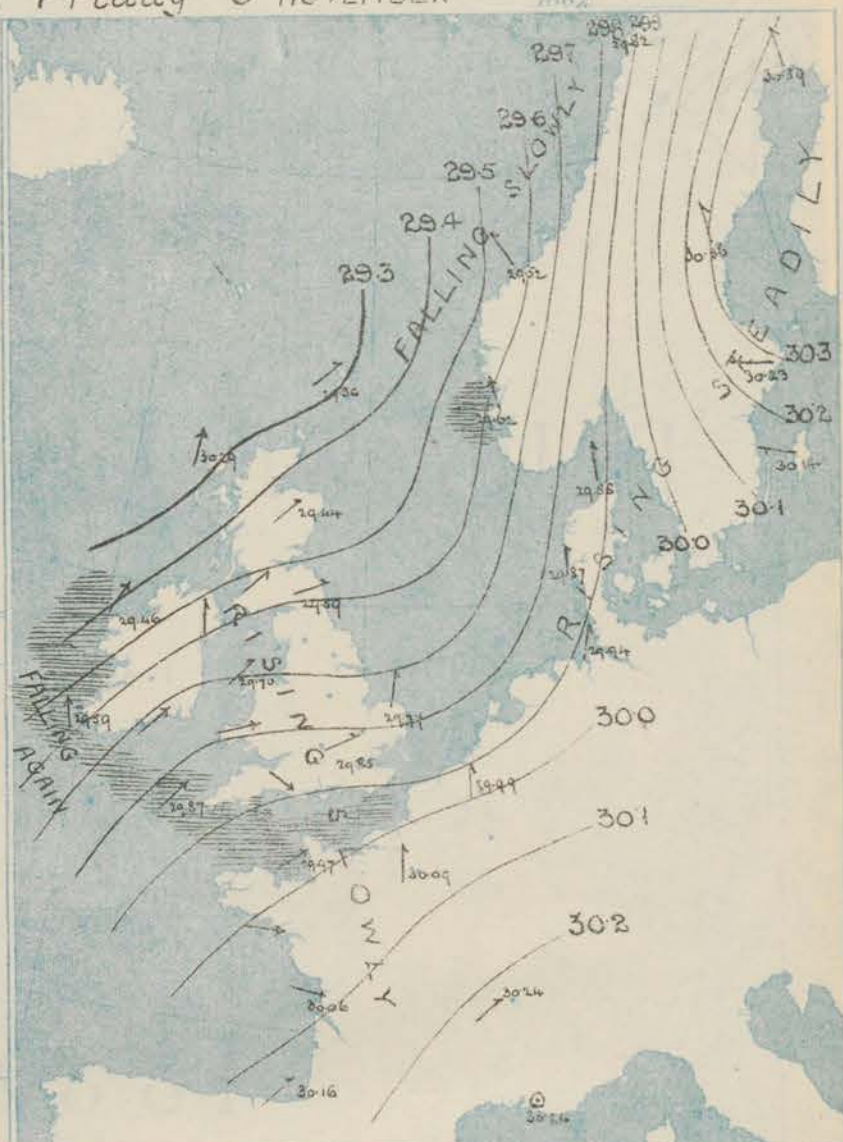
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; →→ forces 8 to 10
→→ forces 6 to 7; →→ 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 November.

Stations.	Mean Readings.
	Inch.
Nairn	29.822
Aberdeen	29.820
Leith	29.863
Scarborough	29.887
Ardrossan	29.879
Greencastle	29.884
Holyhead	29.897
Valencia	29.939
Roche's Pt.	29.873
Plymouth	29.960
LONDON	29.940
Yarmouth	29.910

* 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 November

Stations	Temp.	Rain-fall
	°	ins.
Sundburgh Head	41.4	2.51
Sornoway	41.8	4.30
Aberdeen	41.5	2.91
Shields	42.0	2.83
York	42.4	2.32
Mullaghmore	43.3	?
Holyhead	44.7	3.08
Parsonstown	43.7	2.45
Valencia	44.8	4.80
Sally (St. Mary's)	40.3	4.19
Thurst Castle	44.7	?
Dover	44.2	3.10
LONDON	43.6	1.80
Yarmouth	43.3	2.13

* 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 3rd November 1882 at 8 a.m.

The depressions noticed in the West yesterday have travelled away in a N.E.th or N.W.E.th direction and the barometer is now rising at nearly all our stations. At Valencia, however, a fresh (though at present slight) fall has set in since last night. The highest readings are now found over Sweden, where the barometer continues to rise steadily, while the lowest readings exist to the N.th of Scotland. In Scandinavia the wind is S.E.th or S.th but in our Islands it is generally S.W.th, and varies in strength from a light breeze on our N. and E. coasts to a moderate gale at Valencia. The weather continues overcast at the Irish Stations, as well as in Scandinavia, but in St. Britain the sky is at present moderately clear. Rain again fell generally yesterday, the amount at some of the N.th stations being large. Temperature shows a tendency to fall slightly, readings varying from 54° at Scilly, Jersey & Dover to 44° at Narvik & Aberdeen. In London yesterday the thermometer rose to 59°. The sea is rough at most of the Channel stations, and also off the W. of Ireland.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
4th November

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SW th & S th winds, moderate or fresh; fair to cloudy and unsettled.
2 SCOTLAND EAST	SW th winds, light or moderate; fine to cloudy and showery.
3 ENGLAND N.E.	-----D ^o -----D ^o -----D ^o -----
4 ENGLAND EAST	Same as N ^o 5
5 MIDLAND COUNTIES	Same as N ^o 5
6 ENGLAND SOUTH	SW th winds, moderate or fresh; unsettled, some showers, with bright intervals.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as N ^o 1 and 2.
7 ENGLAND N.W.	Same as N ^o 0
8 ENGLAND S.W.	SW th winds, fresh or strong; cloudy, some rain.
9 IRELAND NORTH	S th and SW th winds, fresh or strong; dull, rain at times.
10 IRELAND SOUTH	-----D ^o -----D ^o -----D ^o -----
WARNINGS	
The S. Cone was lowered yesterday in districts 3, 5 and part of 2, but re-raised in districts 6 & 10.	

METEOROLOGICAL OBSERVATIONS FOR 3RD NOVEMBER

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	30.32	23	NE	2	b	30.39	+	11	28	27	+	12	S	2	0	28	12	3		
Hernösand	30.21	38	NE	2	r	30.36	+	21	41	39	+	5	S	4	0	?	34	0.08		
Stockholm	30.16	41	SSE	2	o	30.23	+	15	39	36	-	1	ESE	4	0	45	39	-		
Wisby	30.07	40	E	2	o	30.14	+	14	38	36	-	1	ESE	4	bc	46	37	-		
Bodö	29.94	36	E	2	b	29.82	-	09	41	37	+	6	ESE	4	0	41	34	-		
Christiansund	29.65	49	SSE	4	b	29.52	-	16	53	44	+	7	SE	3	0	?	41	-		
†Skudesnaes	29.64	51	ESE	8	o	29.62	+	02	51	50	+	1	SSE	7	0	52	50	-		
Oxö (Ålansund)	29.76	50	SW	2	o	29.73	+	02	50	50	+	2	SSE	6	r	50	48	0.63		
Skagen (The Skaw)	29.55	49	SSE	4	r	29.58	+	03	49	49	+	2	S	4	r	50	45	0.28		
Fanö																				
Cuxhaven	29.86	52	SW	3	bc	29.95	+	18	57	50	+	1	SSW	3	c	52	45	0.04		
†Sumburgh Head	29.28	49	SW	4	r	29.30	+	00	47	45	-	3	SW	1	b	57	45	0.31		
†Stornoway	29.18	44	SW	6	rg	29.19	+	04	44	43	-	4	SSW	5	bp	50	40	0.29		
Wick	29.25	48	S	5	c	29.39	+	04	44	43	-	1	SE	1	bc	50	41	0.05		
Nairn	29.29	44	W	1	b	29.41	+	06	41	39	0	2	0	b	1	51	39	0.02		
†Aberdeen	29.25	50	SSW	2	o	29.44	+	01	41	40	+	1	SW	1	b	52	39	0.05		
Leith	29.41	49	W	1	bc	29.51	+	05	45	44	-	1	W	2	b	54	44	0.11		
†Shields	29.50	50	SW	1	o	29.59	+	03	47	44	-	1	WSW	2	m	53	44	0.10		
Spurn Head	29.57	52	S	5	c	29.66	-	04	50	48	+	3	SW	4	bc	54	47	-		
York	29.57	49	WSW	2	r	29.66	-	00	47	46	+	3	SSW	1	c	54	43	0.15		
Loughborough	29.63	50	SW	3	o	29.73	+	00	47	45	-	1	W	4	bcg	54	47	0.06		
†Ardrossan	29.26	52	SE	4	o	29.53	+	11	49	49	-	1	SW	3	b	53	47	0.21		
†Mullaghmore	29.16	46	SW	5	cg	29.46	+	18	48	46	0	SSW	6	cg	5	52	45	0.14		
Donaghadee	29.37	50	SW	4	o	29.58	+	17	42	41	-	8	S	1	c	53	40	0.20		
Parsonstown	29.32	47	SW	1	o	29.62	+	22	44	42	-	5	S	1	o	55	39	0.18		
Barrow-in-Furness	29.48	50	SE	6	o	29.63	+	08	49	47	-	1	W	4	bc	52	48	0.64		
†Holyhead	29.45	51	SW	5	r	29.70	+	17	50	47	-	5	SW	3	bc	55	47	0.62		
Liverpool (Biston)	29.53	50	SSW	3	c	29.69	+	08	47	46	-	3	WSW	4	b	53	47	0.21		
†Valencia	29.41	51	WNW	5	bcg	29.59	+	18	53	53	+	1	S	7	rmg	54	45	0.86		
Roche's Point	29.51	51	SW	6	o	29.71	+	21	52	51	-	0	SW	5	o	56	45	0.26		
Pembroke	29.51	54	SW	7	c	29.75	+	15	52	49	-	3	WSW	5	bc	55	50	0.14		
†Scilly	29.66	54	SW	6	o	29.87	+	18	54	52	-	1	SW	5	o	56	50	0.09		
Prawle Point	29.74	53	SSW	7	o	29.90	+	09	52	49	-	2	WSW	4	c	56	49	0.25		
Hurst Castle	29.77	52	WSW	5	r	29.87	+	03	52	50	-	1	WNW	5	b	57	50	-		
†Dover	29.80	56	WSW	6	bc	29.88	-	01	54	53	+	3	WSW	4	cpq	56	51	0.18		
†London	29.76	52	SW	7	cpq	29.85	-	00	51	49	0	WSW	2	b	*	59	49	0.21		
Oxford	29.72	50	SW	4	c	29.83	+	03	48	47	0	WSW	1	b	*	57	48	0.17		
Cambridge	29.84	50	S	2	r	29.80	-	02	50	48	+	2	SW	1	cp	*	58	46	0.15	
†Yarmouth	29.77	53	S	3	bc	29.77	-	03	51	49	+	3	SSW	3	c	55	47	0.01		
The Helder																				
Cape Gris Nez	29.90	54	SW	8	b	29.88	-	03	51	53	0	SW	8	o	6	57	52	0.08		
†Jersey	29.86	55	SSW	6	orm	29.97	+	03	52	53	+	1	WSW	5	bcm	58	51	0.07		
Brest																				
Lorient	29.88	55	SW	9	r	30.01	+	03	55	53	-	1	WNW	7	c	59	48	0.16		
†Rochefort	30.04	56	SW	5	b	30.06	-	02	55	52	0	WNW	7	c	2	63	46	-		
Biarritz	30.10	58	E	4	bc	30.16	-	04	54	52	+	4	SW	1	c	3	68	48	-	
Corunna	*	*	*	*	*					*						*	*	*		
Brussels	*	*	*	*	*	29.99	+	01	57	49	+	4	S	4	r	55	50	-		
Charleville	30.11	53	W	4	o	30.06	-	00	46	44	0	W	4	c	*	59	35	-		
Paris	30.07	55	SW	4	bc	30.09	-	03	48	46	0	S	3	of	*	*	*	-		
Lyons	30.19	51	NE	1	b	30.25	-		36	36		SW	1	b	*	57	35	-		
Toulon	30.12	53	NW	5	b	30.24	+	07	53	50	+	2	W	0	bc	61	50	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.31	45	SSW	2	o	28.40	+	04	44	43	0	SSW	3	c	*	49	40	0.49		

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

Hawes Junction	28.31	45	SSW	2	o		29.40	+	04	44	43	0	SSW	3	c	*	49	40	0.49	
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.60	52	45	ESE	8	o	5	Valencia ...	29.29	50	50	S	7	rmg	6
Sumburgh Head ...	29.33	49	47	SE	3	c	6	Scilly ...	29.67	54	53	SW	6	o	6
Stornoway ...	29.16	50	49	SSW	6	cp	6	Dover ...	29.87	55	54	WSW	6	bc	5
Aberdeen ...	29.37	51	48	S	5	o	4	London ...	29.79	56	53	SSW	5	op	*
Shields ...	29.48	53	50	SSW	7	o	2	Yarmouth ...	29.81	55	50	SSW	3	bc	3
Ardrossan ...	29.26	52	52	SW	4	o	3	Jersey ...	29.87	56	55	SW	6	c	5
Mullaghmore ...	29.29	49	47	SW	6	rg	5	Rochefort ...	30.08	52	55	SW	7	bc	2
Holyhead ...	29.58	50	50	SW	5	o	4								

The barometer is falling at nearly all our stations, quickly at Valencia, where the wind has backed to S and increased with rain. Just or strong SW or SE breeze prevail generally and the weather is very unsettled. Sea is moderate at Holyhead, rather rough 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 (lazy); 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 4th NOVEMBER,

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 4th November 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.

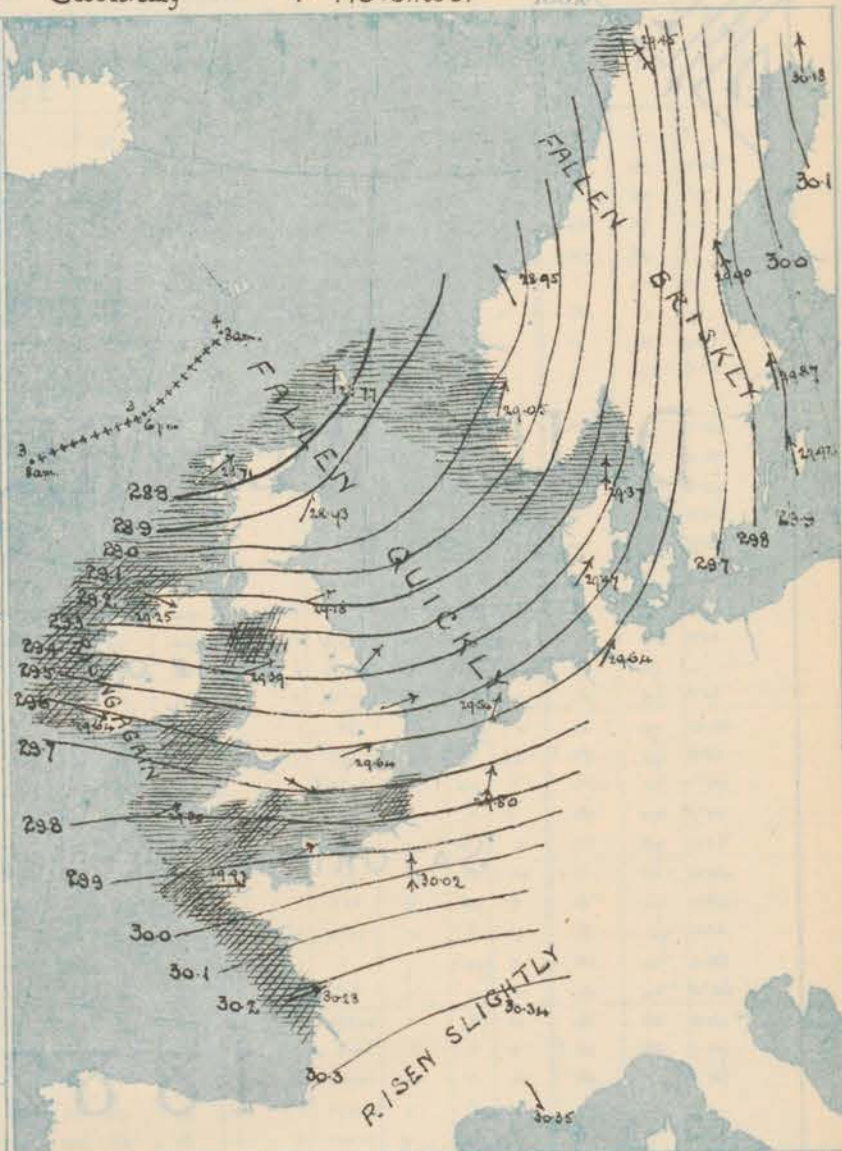
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10
 — forces 5 to 7; — forces 1 to 4;
 ○ = dead calm.

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

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

Stations.	Mean Readings
	Ins.
Nairn	29.822
Aberdeen	29.820
Leith	29.863
Scarborough	29.897
Ardrossan	29.870
Greenacastle	29.881
Holyhead	29.897
Valencia	29.930
Roche's Pt.	29.873
Plymouth	29.960
LONDON	29.940
Yarmouth	29.910

* 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.

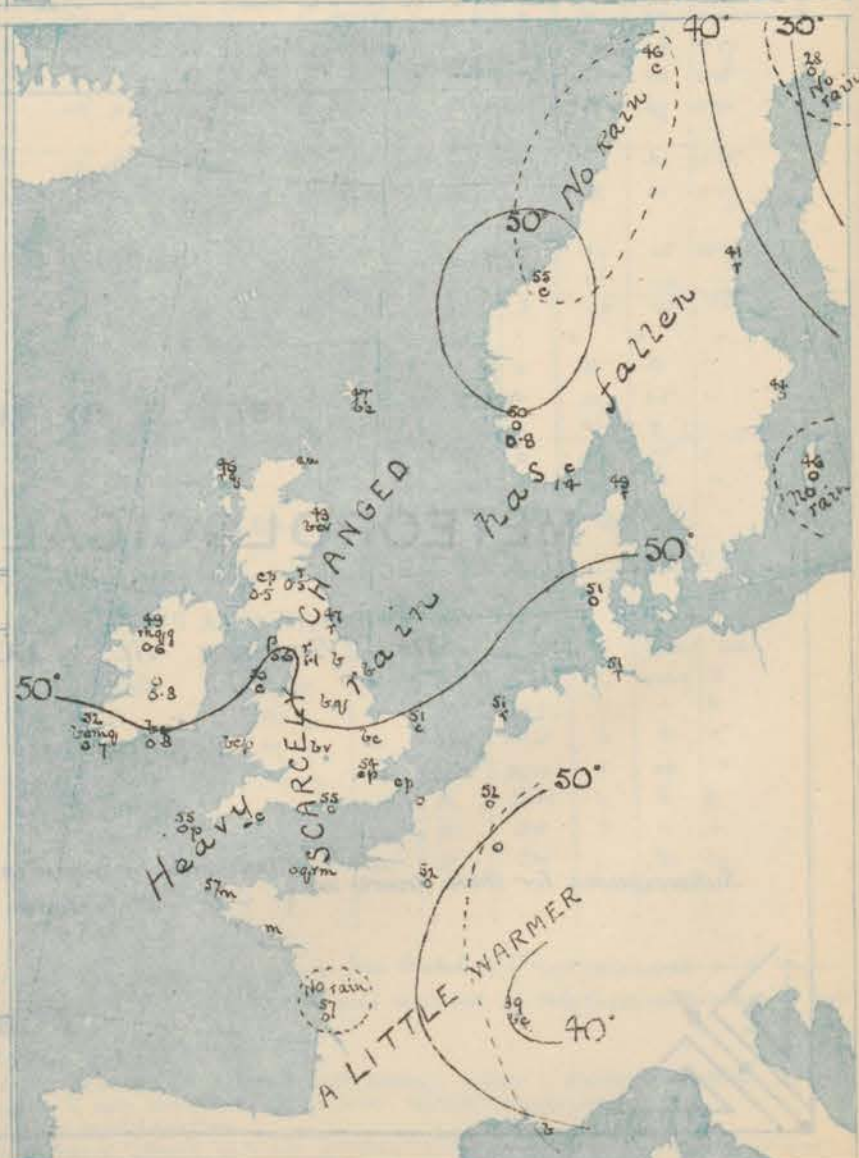
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of November

Stations	Temp	Rain-fall
		ins.
Sunbury Head	41.4	2.51
Stornoway	41.8	4.30
Aberdeen	41.5	2.91
Shields	42.0	2.83
York	42.9	2.32
Mullaghmore	43.3	?
Holyhead	44.7	3.06
Parsonstown	43.7	2.45
Valencia	44.8	4.80
Sally (St Mary's)	46.3	4.19
Hurst Castle	44.7	?
Dover	44.2	3.00
LONDON	43.5	1.89
Yarmouth	43.3	3.13

* 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 4th November 1882 at 8 a.m.

In the course of the past 24 hours a large and deep depression, in the centre of which readings are below 28.7 inches, has advanced to the NW of Scotland, occasioning a brisk fall of the barometer in all parts of the Kingdom. At the same time some subsidiary disturbances have crossed Ireland and England, causing heavy showers in many places. The main depression still lies off the N. of Scotland, but the subsidaries are apparently passing away E^{ward} and the barometer is now rising again in the W. Strong squally winds from W or SW are blowing generally, with a fresh gale in the W. half of the Channel. In the course of last night fresh or strong SW gales blew in almost all parts of the Kingdom. The weather is fine & bright at several stations, but showers are reported in many places, and at Mullaghmore hail is falling. The heaviest amount of rain measured this morning are 1.1 in. at Stawer Junction, 0.8 in. at Personstons and Rock's Point, and 0.7 in. at Valencia. Temperature has risen slightly, and ranges from 56° at Dover & Jersey to 43° at Cairn. The sea is rough on all but our E. coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

5th November

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	S th and SW th winds, strong; cloudy, showery
2	SCOTLAND EAST	SW th winds, fresh or strong; fair generally, but some showers
3	ENGLAND N.E.	SW th and W th winds, strong, perhaps a gale; unsettled, showery.
4	ENGLAND EAST	Same as N ^o 5
5	MIDLAND COUNTIES	Same as N ^o 5
6	ENGLAND SOUTH	SW th and W th winds, strong; squally; some showers.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	SW th winds, fresh; cloudy, showery
7	ENGLAND N.W.	Same as N ^o 3 to 5
8	ENGLAND S.W.	Same as N ^o 2
9	IRELAND NORTH	W th winds, backing later, fresh or strong; unsettled, some showers
10	IRELAND SOUTH	-----D ^o -----D ^o -----D ^o -----
WARNINGS		The S. Cone was hoisted on Thursday in Districts 6 to 10 and last evening in Districts 3 and 5.

METEOROLOGICAL OBSERVATIONS FOR 4th NOVEMBER

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	30.31	27	S	6	o	30.18	—	21	28	27	0	S	6	o	•	28	18	—	
Hernösand	30.10	40	SSE	9	o	29.90	—	16	41	40	0	SSE	9	r	•	43	36	0.29	
Stockholm	30.18	40	SE	4	r	29.87	—	26	44	44	+	S	6	o	•	?	39	0.04	
Wisby	30.10	42	ESE	4	o	29.92	—	22	46	44	+	S	6	o	•	?	36	—	
Bodö	29.68	44	ESE	4	o	29.45	—	37	46	41	+	SE	8	c	5	?	41	—	
Christiansund	29.42	52	SE	4	bc	28.95	—	57	55	46	+	SE	4	c	2	55	45	—	
†Skudesnaes	29.49	51	SSE	9	o	29.05	—	57	50	44	—	SSW	5	o	6	52	50	0.79	
Orö (Xiänsund)	29.65	50	SSE	6	o	29.17	—	56	49	48	—	SSW	6	c	5	50	46	1.38	
Skagen (The Skaw)	29.77	50	S	5	b	29.37	—	51	49	48	0	S	8	r	6	50	46	0.43	
Fanö	29.78	50	SW	6	b	29.47	—	40	51	51	+	SW	7	c	•	52	48	—	
Cuxhaven	29.87	?	SSW	3	c	29.64	—	31	51	51	0	SW	6	r	•	54	46	0.24	
†Sumburgh Head	29.12	48	SSE	5	c	28.77	—	53	47	44	0	S	5	bc	5	51	42	0.31	
†Stornoway	28.88	47	SSW	6	bc	28.71	—	58	46	45	+	SW	7	rg	5	49	42	0.40	
Wick	28.98	49	S	7	r	28.82	—	57	44	41	0	SSW	3	ow	3	50	41	0.10	
Nairn	28.97	48	WSW	4	o	28.85	—	58	43	42	+	WSW	2	o	3	49	40	0.05	
†Aberdeen	29.13	49	S	8	r	28.93	—	51	43	40	+	SSW	4	bc	3	51	40	0.14	
Leith	29.11	52	SW	5	o	29.03	—	48	45	44	0	W	7	r	•	53	41	0.52	
†Shields	29.37	50	SW	7	r	29.18	—	44	47	44	0	WSW	7	r	2	53	42	0.32	
Spurn Head	29.55	51	S	7	c	29.37	—	34	49	46	—	SW	6	b	3	53	47	0.17	
York	29.48	51	S	4	o	29.33	—	33	49	45	+	WSW	5	b	•	54	46	0.26	
Loughborough	29.60	52	WSW	7	o	29.47	—	24	48	45	+	WSW	6	bc	•	55	46	0.33	
†Ardrossan	29.11	52	SW	4	c	29.11	—	42	49	49	0	WSW	5	cp	4	52	46	0.54	
†Mullaghmore	29.16	48	SW	5	cpm	29.25	—	31	49	47	+	WSW	7	rg	7	53	43	0.60	
Donaghadee	29.30	49	SSW	4	c	29.24	—	34	45	43	+	W	5	bc	3	52	41	0.34	
Parsonstown	29.35	50	WSW	4	o	29.46	—	16	46	44	+	W	2	o	•	55	43	0.81	
Barrow-in-Furness	29.80	52	SSW	8	r	29.28	—	35	4	47	+	SSW	9	p	7	53	48	0.56	
†Holyhead	29.33	55	W	8	rg	29.39	—	31	50	46	0	WSW	7	c	6	55	45	0.39	
Liverpool (Bidston)	29.38	54	S	6	r	29.38	—	31	50	46	+	WSW	7	o	5	?	56	47	0.20
†Valencia	29.45	52	SW	8	rg	29.64	+	25	52	50	—	WSW	7	bc	7	57	45	0.74	
Roche's Point	29.44	52	WSW	8	r	29.59	—	12	50	49	—	W	5	bc	5	57	47	0.75	
Pembroke	29.32	55	WSW	8	o	29.34	—	28	53	49	+	W	9	bc	7	56	50	0.32	
†Scilly	29.76	56	SW	8	o	29.80	—	27	55	53	+	WSW	8	op	6	56	52	0.13	
Prawle Point	29.83	54	SW	8	o	29.76	—	44	54	52	+	WSW	8	c	7	55	50	0.19	
Hurst Castle	29.86	55	WSW	7	c	29.72	—	47	55	53	+	WSW	8	c	6	56	52	0.38	
†Dover	29.92	54	WSW	6	op	29.68	—	20	56	55	+	W	7	cp	5	56	51	0.16	
†London	29.82	54	SW	6	o	29.64	—	21	54	49	+	WSW	7	cp	•	55	50	0.10	
Oxford	29.67	54	S	8	o	29.61	—	22	52	49	+	WSW	7	bc	•	57	48	0.24	
Cambridge	29.70	53	SW	2	p	29.56	—	24	51	49	+	SW	2	bc	•	56	49	0.25	
†Yarmouth	29.77	52	SSW	4	c	29.52	—	25	51	48	0	WSW	5	c	3	54	48	0.35	
The Helder	29.82	51	SSW	5	c	29.34	—	31	51	52	0	SW	5	r	3	52	48	0.51	
Cape Gris Nez	29.93	55	SW	8	o	29.71	—	17	55	55	+	SSW	9	o	7	57	50	0.24	
†Jersey	29.90	55	SW	5	bm	29.87	—	10	56	56	+	WSW	7	rg	6	57	53	0.25	
Brest	30.03	56	WSW	7	o	29.97	—	59	57	57	+	W	7	m	8	?	54	0.12	
Lorient	30.07	56	W	7	c	30.01	—	00	55	54	0	W	9	m	7	57	45	0.04	
†Roche fort	30.17	57	WSW	5	bc	30.23	+	17	57	54	+	WSW	7	o	2	63	50	—	
†Biarritz	30.29	58	W	2	bc	30.34	+	15	49	46	—	S	1	bc	2	63	46	—	
Corunna	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Brussels	•	•	•	•	•	29.80	—	19	52	50	+	SSW	8	o	•	55	50	0.16	
Charleville	30.14	49	W	4	b	30.07	—	25	44	46	+	W	4	o	•	55	48	—	
Paris	30.12	54	SSW	4	b	30.02	—	27	52	?	+	S	8	o	•	•	•	0.04	
Lyons	30.30	50	NNW	1	b	30.32	+	29	39	38	+	SE	1	bc	•	59	?	—	
Toulon	30.28	55	SW	3	b	30.25	+	29	51	47	—	NNW	4	b	2	59	50	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.17	46	SSW	6	r	28.06	—	34	45	42	+	WSW	7	r	•	47	41	1.09	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.57	52	50	SSE	8	o	5	Valencia ...	29.40	57	57	SW	9	rmg	7
Sumburgh Head	29.28	49	44	SW	4	b	4	Scilly ...	29.83	55	54	SW	6	o	6
Stornoway ...	29.03	48	47	S	8	r	7	Dover ..	29.92	55	52	WSW	5	b	4
Aberdeen ...	29.38	49	45	S	4	c	3	London ..	29.67	56	50	SSW	4	o	*
Shields ...	29.55	51	46	SW	3	o	2	Yarmouth ...	29.52	54	49	SW	4	bc	3
Ardrossan ...	29.30	50	50	S	6	r	4	Jersey ...	30.00	56	54	WSW	5	o	5
Mullaghmore ...	29.15	52	51	SW	6	rg	6	Roche fort ...	30.15	61	58	S	5	bc	2
Holyhead ...	29.34	52	51	SSW	6	rg	4								

A deep depression has advanced to the W. of Scotland and the barometer has consequently fallen quickly in the W. and NW., with fresh or strong S^W or SW^W gales and rain. In the extreme SE. of England the barometer continues to rise slowly, the wind is only fresh, and the weather fair. Sea is moderate at Holyhead and Dover.

EXPLANATION OF COLUMNS.

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

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

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

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

+ Received too late for insertion in chart.

DAILY WEATHER REPORT

FOR

SUNDAY 5TH NOVEMBER.

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 5th NOV^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;

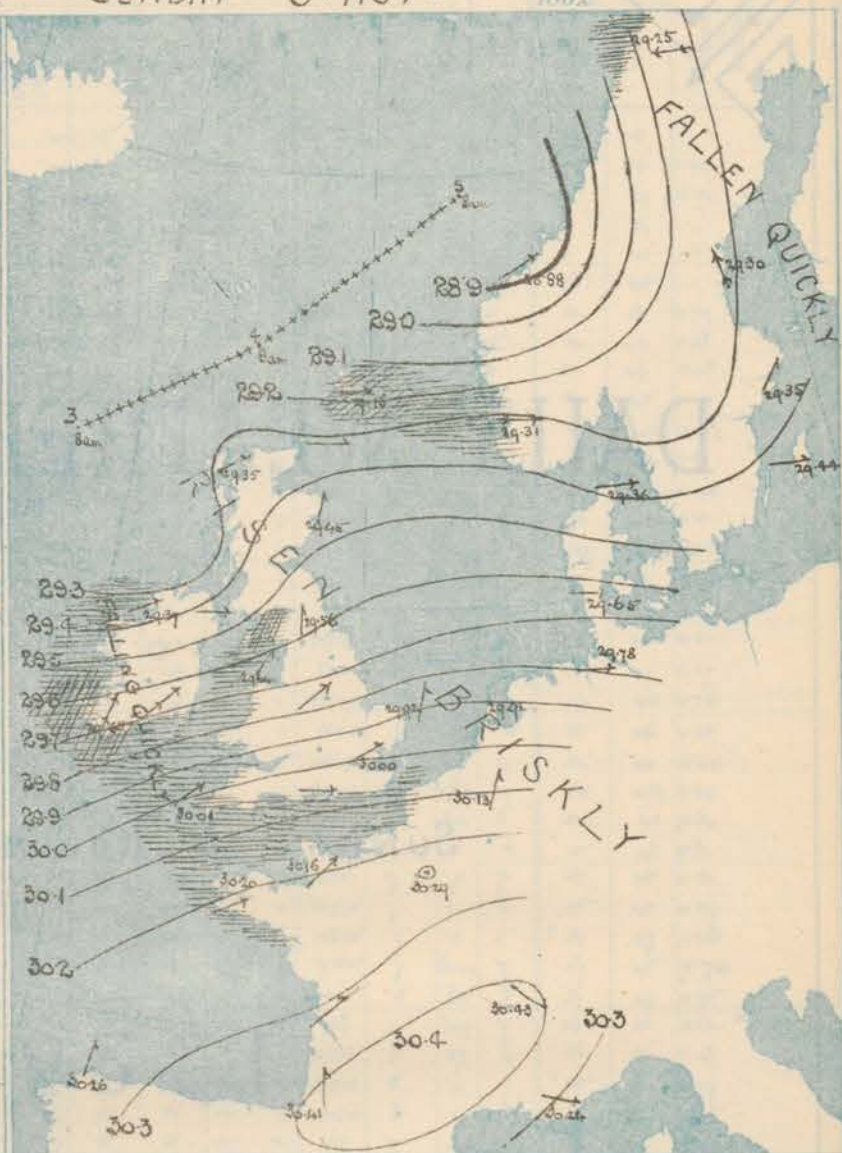
○ - dead calm.

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

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

Stations.	Mean Readings Ins.
Nairn	29.822
Aberdeen	29.820
Leith	29.863
Scarborough	29.867
Ardrossan	29.879
Greencastle	29.884
Holyhead	29.897
Valencia	29.930
Roche's Pt.	29.873
Plymouth	29.960
LONDON	29.940
Yarmouth	29.910

* 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.

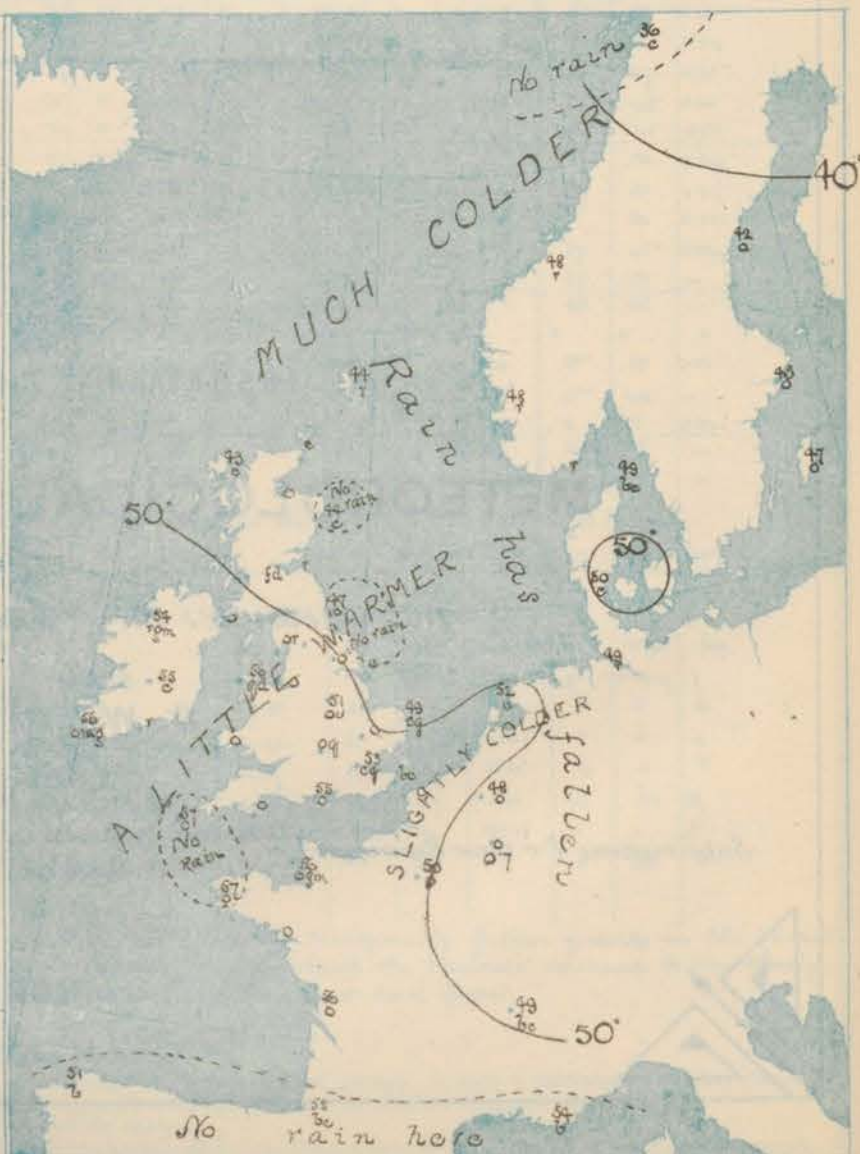
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of November

Stations	Temp.	Rain-fall Ins.
Sumburgh Head	41.4	2.51
Stornoway	41.8	4.30
Aberdeen	41.5	2.91
Shields	42.0	2.33
York	42.4	2.32
Mullaghmore	42.3	?
Holyhead	44.7	3.08
Parsonstown	43.7	3.45
Valencia	44.8	4.80
Sally (St Mary's)	46.3	4.19
Hurst Castle	44.7	?
Dover	44.2	3.00
LONDON	43.6	1.89
Yarmouth	43.3	3.13

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



REMARKS

for Sunday 5th Nov^r 1882 at 8 a.m.

The deep depression which lay to the N^W of Scotland yesterday morning has since travelled in a NE^{ly} direction to the west coast of Norway but a subsidiary disturbance has appeared off the N. of Scotland, and it thus happens that while the barometer has risen steadily at all our more eastern and northern stations, a fresh fall is now taking in the W. In the N. of Scotland the wind has veered to W., but over England and Ireland it has returned to S.W. or S., and already blows a fresh gale at some of our W^m stations. The weather is cloudy or overcast generally, with rain in the W. and NW. In the course of yesterday showers fell in most places but the amount measured this morning are not large. Temperature has risen a little except in the SE. and readings at present range from 54° at Lilly to 42° at Stromway. The sea is high at Lumburgh Hd., Barrow-in-Furness, and Valencia, rough on our W. and S. coasts generally.

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 is now flying in districts 2, 3, 5, and 6 to 10.

METEOROLOGICAL OBSERVATIONS FOR 5th NOVEMBER. 1882

YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.51	40	SSE	9	2	29.30	—	50	42	40	+	1	SSE	8	0	34	0.39	
Hernösand	29.35	40	ESE	8	2	29.35	—	52	43	42	—	1	SSW	2	0	46	0.35	
Stockholm	29.36	47	S	6	2	29.44	—	48	47	46	+	1	W	4	0	48	0.43	
Wisby	29.32	40	E	8	0	29.26	—	50	36	29	—	10	E	8	0	46	—	
Bodö	28.94	49	ESE	2	C	28.88	—	47	48	43	—	7	SW	6	2	54	—	
† Christiansund	29.06	48	SSW	7	2	29.31	—	46	48	46	—	2	W	8	2	50	—	
Örö (Xiansund)	29.17	48	SSW	4	C	29.34	—	47	49	46	—	0	WSW	6	2	50	0.28	
Skagen (The Skaw)	29.26	46	WSW	4	b	29.36	—	49	49	47	—	0	W	6	bc	50	0.20	
Fanö	29.45	48	W	6	C	29.65	—	50	50	48	—	1	W	6	C	50	0.28	
Cuxhaven	29.52	2	WSW	6	2	29.78	—	44	49	45	—	2	W	5	2	50	0.30	
† Sumburgh Head	28.62	48	SW	6	2	29.16	—	39	44	41	—	3	W	8	2	49	0.32	
† Stornoway	29.09	47	NNW	7	C	29.25	—	44	44	42	—	4	WSW	3	C	49	0.25	
Wick	28.96	47	NNW	8	2	29.34	—	52	43	41	—	1	W	3	bc	49	0.16	
Nairn	29.12	47	WSW	4	0	29.39	—	54	44	42	—	1	WSW	1	2	47	0.25	
† Aberdeen	29.16	48	WSW	4	b	29.45	—	52	44	42	—	1	SSW	1	C	52	—	
Leith	29.31	49	SW	8	bc	29.51	—	48	45	44	—	0	WSW	3	2	52	0.03	
† Shields	29.41	50	W	6	b	29.56	—	47	47	45	—	0	S	3	0	53	—	
Spurn Head	29.60	50	WSW	6	b	29.73	—	49	49	48	—	0	S	5	C	52	—	
York	29.59	51	W	5	bc	29.65	—	50	50	48	—	1	S	3	0	53	0.05	
Loughborough	29.71	50	W	7	b	29.81	—	51	49	49	—	3	SW	6	bc	54	0.09	
† Ardrossan	29.43	50	W	5	C	29.41	—	50	45	45	—	4	ESE	1	df	52	0.42	
† Mallaghmore	29.61	50	W	8	0	29.87	—	51	54	54	—	5	WSW	7	rmg	51	0.42	
Donaghadee	29.57	49	NNW	7	b	29.45	—	51	53	53	—	9	W	6	0	51	0.23	
Parsonstown	29.57	48	W	3	0	29.57	—	51	54	54	—	9	S	2	2	51	0.32	
Barrow-in-Furness	29.57	51	WSW	7	C	29.54	—	55	54	54	—	4	SW	8	or	55	0.34	
† Holyhead	29.74	51	W	7	b	29.64	—	55	55	55	—	6	SW	6	deg	56	0.21	
Liverpool (Bidston)	29.70	50	WSW	6	C	29.64	—	55	54	54	—	7	SW	6	0	57	0.07	
† Valencia	29.92	52	WSW	5	C	29.65	—	55	56	56	—	4	SSW	5	ogmy	58	0.20	
Roche's Point	29.90	50	W	5	b	29.75	—	56	55	55	—	6	SW	8	2	57	0.06	
Pembroke	29.86	54	W	7	C	29.81	—	56	56	54	—	3	SW	7	0	56	0.03	
† Scilly	30.03	53	W	6	0	30.01	—	57	56	56	—	2	SW	6	0	57	—	
Frawle Point	30.02	53	WSW	7	C	30.04	—	57	55	55	—	1	SW	6	0	56	0.14	
Hurst Castle	29.94	54	W	7	b	30.04	—	57	55	55	—	0	W	6	om	56	0.02	
† Dover	29.87	52	NNW	6	b	30.05	—	57	54	52	—	2	W	6	bc	56	0.03	
† London	29.87	52	WSW	4	bc	30.00	—	56	53	50	—	1	WSW	4	cg	57	0.01	
Oxford	29.90	49	WSW	5	b	29.94	—	53	53	52	—	1	WSW	5	og	54	0.11	
Cambridge	29.85	48	WSW	2	b	29.90	—	50	49	49	—	1	SSW	2	0	55	0.03	
† Yarmouth	29.70	50	WSW	4	bc	29.92	—	49	49	47	—	2	SSW	4	cg	54	0.01	
The Helder	29.71	52	WSW	7	bc	29.91	—	57	52	49	—	1	WSW	5	C	54	0.04	
Cape Gris Nez	29.89	55	W	9	b	30.03	—	57	57	51	—	0	NNW	7	C	59	0.20	
† Jersey	30.08	54	W	7	bc	30.16	—	56	56	56	—	0	SW	5	ogmy	58	0.09	
Brest	30.19	53	NNW	4	0	30.20	—	57	56	56	—	0	NNW	5	0	57	—	
Lorient	30.14	57	NNW	8	C	30.21	—	57	56	56	—	2	W	5	0	59	0.04	
† Rochefort	30.23	60	W	8	2	30.30	—	58	56	56	—	1	NNW	4	0	61	0.04	
Biarritz	30.41	59	SW	1	bc	30.41	—	57	53	53	—	6	S	1	bc	63	—	
Corunna	30.26	53	SSW	1	bc	30.26	—	57	50	50	—	1	SSW	1	bc	60	—	
Brussels	30.13	53	SW	3	bc	30.13	—	49	47	47	—	3	SW	4	0	55	0.12	
Charleville	29.99	49	NN	4	b	30.21	—	46	46	42	—	3	W	4	0	59	0.78	
Paris	30.12	54	SSW	5	C	30.29	—	50	50	48	—	2	2	0	0	57	0.16	
Lyons	30.33	52	SSW	1	C	30.43	—	49	49	47	—	10	NN	1	bc	59	0.04	
Toulon	30.36	54	W	4	b	30.24	—	51	51	53	—	3	NN	7	b	61	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.37	44	WSW	7	0	29.26	—	50	50	50	—	5	SW	5	2	50	0.66	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...							Valencia ...	29.83	53	57	WSW	7	cg	7
Sumburgh Head	28.64	47	45	SW	6	6	Scilly ...	29.96	55	52	W	8	0	6
Stornoway	28.93	48	47	NNW	7	cg	Dover ...	29.73	54	50	W	6	b	5
Aberdeen	29.02	50	45	WSW	5	bc	London	29.72	55	50	WSW	5	c	*
Shields ...	29.31	52	46	W	6	0	Yarmouth	29.56	53	49	WSW	6	bc	3
Ardrossan	29.28	51	50	W	6	c	Jersey...	29.99	56	53	W	8	c	7
Mullaghmore	29.49	52	47	NNW	8	cg	Rochefort	30.19	59	57	WSW	8	0	4
Holyhead ..	29.53	54	49	W	7	cg								

The rise of the barometer noticed this morning in the N. has extended to all stations excepting Sumburgh Hd. The wind has veered to WNW. at Stornoway but has backed a little at Valencia. The weather remains almost unchanged, and showers are falling in the south of Ireland. The sea is rough at Holyhead, and Dover.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. 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, 6TH NOV^R

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 6th NOVEMBER 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.

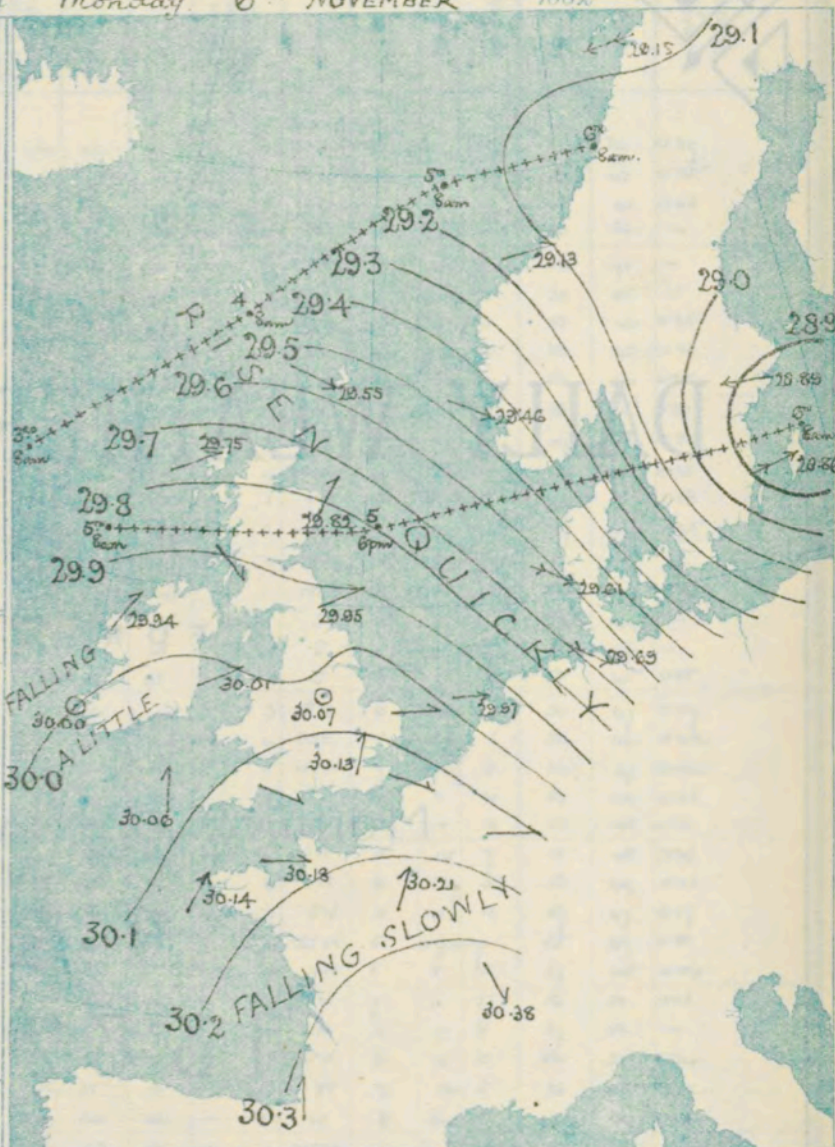
Sea Disturbance; where considerable, is shown by shading round the coast; thus — = Rough; — = High.

MEAN* HEIGHT of the BAROMETER

for the month of November.

Stations.	Mean Readings
	Inch.
Nairn	29.822
Aberdeen	29.820
Leith	29.863
Scarborough	29.867
Ardrrossan	29.870
Greencastle	29.884
Holyhead	29.897
Valencia	29.939
Roche's Pt.	29.873
Plymouth	29.960
LONDON	29.940
Yarmouth	29.910

* 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 November

Stations	Temp.	Rain-fall.
	°	ins.
Sumburgh Head	41.4	2.51
Stornoway	41.8	4.30
Aberdeen	41.5	2.91
Shields	42.0	2.83
York	42.4	2.32
Mullaghmore	43.3	?
Holyhead	44.7	3.08
Parsonstown	43.7	2.45
Valencia	44.8	4.80
Sally (St Mary's)	48.3	4.19
Hurst Castle	44.7	?
Dover	44.2	3.90
LONDON	43.6	1.89
Wormouth	43.3	3.13

* 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 6TH Nov^R 1882 at 8 a.m.

The subsidiary depression which crossed Scotland yesterday has passed away over Scandinavia, while the small disturbance which lay off our south-west coasts in the evening has apparently dispersed, so that the barometer is now rising in most places. At Valencia, however, as well as in the north-west of France a new fall has set in, and conditions are therefore still very unsettled. Light winds from between SW. and W. are reported from all parts of our Islands, but on the eastern shores of the North Sea fresh gales from WNW are blowing. In the course of yesterday fresh or strong gales from SW. or W. were experienced over the whole of England and Ireland. The weather is still dull in the west and south-west, with rain at Valencia, Scilly and Jersey, but is fine at all our more northern and eastern stations. Rain fell generally yesterday, but the amounts were in most cases comparatively small. Temperature has fallen several degrees, and varies from 52° at Penzance to 39° at High Land. Loughborough. The thermometer rose to 61° yesterday in London and at Cambridge. The sea is rough at Loughborough Head and Barrow in Curries, as well as in the Bay of Biscay.

MAP SHOWING
DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

7th NOVEMBER.

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

DISTRICTS		FORECASTS	DISTRICTS		FORECASTS
1	SCOTLAND NORTH	W ² ₄ to SW ² ₄ or S ² ₄ winds, fresh; fair to cloudy and rainy.	6	SCOTLAND WEST	Same as Nos 1 and 2.
2	SCOTLAND EAST	SW ² ₄ winds, light to fresh; fine to dull and rainy.	7	ENGLAND N.W.	Same as Nos 1 and 2.
3	ENGLAND N.E.	-----D°-----D°-----D°-----	8	ENGLAND S.W.	SW ² ₄ or S ² ₄ winds, light to strong; cloudy, rainy.
4	ENGLAND EAST	SW ² ₄ winds, moderate; fair to cloudy and unsettled.	9	IRELAND NORTH	SW ² ₄ and S ² ₄ winds, increasing; weather becoming squally and rainy.
5	MIDLAND COUNTIES	Same as No 5.	10	IRELAND SOUTH	-----D°-----D°-----D°-----
6	ENGLAND SOUTH	Light variable to fresh SW ² ₄ breezes; weather becoming dull and rainy.	WARNINGS		The S. cone has been lowered this morning in districts 2, 3, 5 and 6 to 10.

METEOROLOGICAL OBSERVATIONS FOR

6th Nov^r

1882

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										FAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 8).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda																			
Hernösand																			
Stockholm	29.34	46	SW	2	0	28.89	- 46	44	41	- 3	E	6	A		46	?	0.39		
Wisby	29.45	48	W	6	60	28.86	- 58	49	46	+ 3	WSW	6	0		50	45	0.43		
Bodö	29.15	34	E	9	60	29.15	- 10	33	31	- 2	E NE	8	0		36	32	-		
Christiansund	28.98	44	WSW	8	1	29.13	+ 25	45	42	- 3	WSW	4	0	5	48	41	0.79		
†Skudesnaes	29.21	45	SW	2	1	29.46	+ 15	46	43	- 3	WNW	7	1	6	50	45	-		
Örö (Xiansund)	29.25	47	SE	2	0	29.36	+ 02	45	42	- 3	W	4	0	4	50	39	0.51		
Skagen (The Skaw)																			
Fanö	29.39	54	WSW	6	1	29.61	- 04	48	45	- 3	WNW	8	0		54	46	0.28		
Cuxhaven	29.62	55	SW	8	1	29.69	- 09	48	47	- 1	WNW	8	60		54	46	0.18		
†Sumburgh Head	29.19	45	W	4	C	29.55	+ 39	43	40	- 3	WNW	5	1	6	48	40	0.17		
†Stornoway	29.40	43	NW	4	C	29.75	+ 40	40	40	- 2	WSW	3	60	3	45	37	0.05		
Wick	29.30	41	NW	3	C	29.71	+ 37	39	38	- 1	W	4	6	3	50	38	0.09		
Nairn	29.39	42	WSW	2	C	29.77	+ 38	40	39	- 1	W	0	6	1	47	39	0.05		
†Aberdeen	29.29	42	NW	2	1	29.82	+ 37	40	37	- 3	SW	2	6	2	46	37	0.29		
Leith	29.30	49	SW	3	1	29.87	+ 36	44	41	- 3	W	3	60		49	40	0.52		
†Shields	29.33	36	W	6	6	29.95	+ 39	44	42	- 2	WSW	3	60	2	59	41	0.05		
Spurn Head	29.30	57	SW	6	C	30.01	+ 28	45	44	- 1	WSW	3	6	2	59	44	0.05		
York	29.48	56	S	5	0	30.01	+ 36	43	41	- 2	SEW	2	6		60	44	0.06		
Loughborough	29.65	56	WSW	7	0	30.07	+ 26	39	39	- 12	W	0	60		59	39	0.01		
†Ardrossan	29.44	46	NW	5	C	29.91	+ 50	45	45	0	WNW	2	0	2	55	43	0.18		
†Mullaghmore	29.63	46	NW	5	1	29.94	+ 57	45	42	- 3	SW	4	0	2	55	43	0.16		
Donaghadee	29.54	49	WSW	6	6	29.96	+ 51	40	40	- 14	SSW	2	0	0	59	37	0.04		
Parsonstown	29.78	48	SW	3	6	30.01	+ 44	43	42	- 12	S	1	0		57	40	0.22		
Barrow-in-Furness	29.45	54	SW	7	C	29.97	+ 43	47	45	- 8	NW	3	6	5	55	47	0.03		
†Holyhead	29.64	52	W	7	C	30.01	+ 37	47	45	- 9	WSW	1	60	1	56	45	0.13		
Liverpool (Bidston)	29.59	53	WSW	7	60	30.00	+ 35	45	43	- 12	SW	2	60	3	58	44	0.15		
†Valencia	29.90	50	W	5	60	30.00	+ 35	47	47	- 9	W	0	NW	1	58	45	0.12		
Roche's Point	29.89	53	W	5	60	30.05	+ 32	48	47	- 8	WSW	2	0	4	57	42	0.20		
Pembroke	29.78	55	W	7	C	30.05	+ 24	52	47	- 4	WSW	2	60	4	56	51	0.06		
†Scilly	29.93	56	SW	7	0	30.06	+ 05	51	51	- 6	S	2	1	4	59	48	0.11		
Prawle Point	29.94	55	SSW	0	0	30.14	+ 10	48	46	- 7	W	2	6	4	58	46	0.07		
Hurst Castle	29.94	57	W	0	0	30.14	+ 10	48	48	- 7	WNW	2	NW	4	58	47	0.06		
†Dover	29.93	56	W	7	C	30.14	+ 09	47	46	- 7	WNW	4	6	3	57	46	0.18		
†London	29.83	57	WSW	5	C9	30.13	+ 13	44	43	- 9	SSW	1	60		61	43	0.04		
Oxford	29.83	55	SW	6	0	30.11	+ 17	45	44	- 8	WSW	1	60		60	42	0.01		
Cambridge	29.85	52	SW	2	60	30.10	+ 20	45	43	- 5	SW	1	6		61	39	0.03		
†Yarmouth	29.72	57	SW	6	C	30.06	+ 14	45	43	- 4	W	2	60	0	59	43	0.06		
The Helder																			
Cape Gris Nez																			
†Jersey	30.10	58	WSW	6	6	30.18	+ 02	52	52	- 4	W	2	60	3	59	51	-		
Brest	30.18	58	SW	7	0	30.14	- 06	55	55	- 2	SW	5	m	5	57	52	0.12		
Lorient	30.20	58	W	7	6	30.18	- 03	57	55	0	WSW	7	C	5	59	54	-		
†Rochefort	30.30	58	SW	4	0	30.28	- 02	55	54	- 1	WSW	3	0	2	63	50	0.08		
Biarritz																			
Corunna																			
Brussels																			
Charleville	30.12	54	NW	4	0	30.17	- 04	44	47	+ 3	W	4	0		56	45	0.59		
Paris	30.21	54	SSW	1	0	30.21	- 08	55	53	+ 3	SSW	1	0				-		
Lyons	30.38	54	N	1	6	30.38	- 05	44	43	- 5	WNW	1	6		61	41	-		
Toulon	30.31	58	NW	7	6	30.30	+ 06	52	51	- 2	SW	1	6	2	64	52	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.21	48	SW	8	0	28.73	+ 37	39	38	- 11	W	1	6		51	35	1.11		

HIGH LEVEL STATION.

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

Hawes Junction	28.21	48	SW	8	0	28.72	+ 37	39	38	- 11	W	1	6		51	35	1.11
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.36	50	46	SW	4	0	6	Valencia			
Sumburgh Head								Scilly			
Stornoway								Dover			
Aberdeen								London			
Shields								Yarmouth			
Ardrossan								Jersey			
Mullaghmore								Rochefort	30.30	61	59
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, 7TH NOVEMBER.

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.)

for 8 a.m. on TUESDAY, 7TH NOVEMBER, 1882

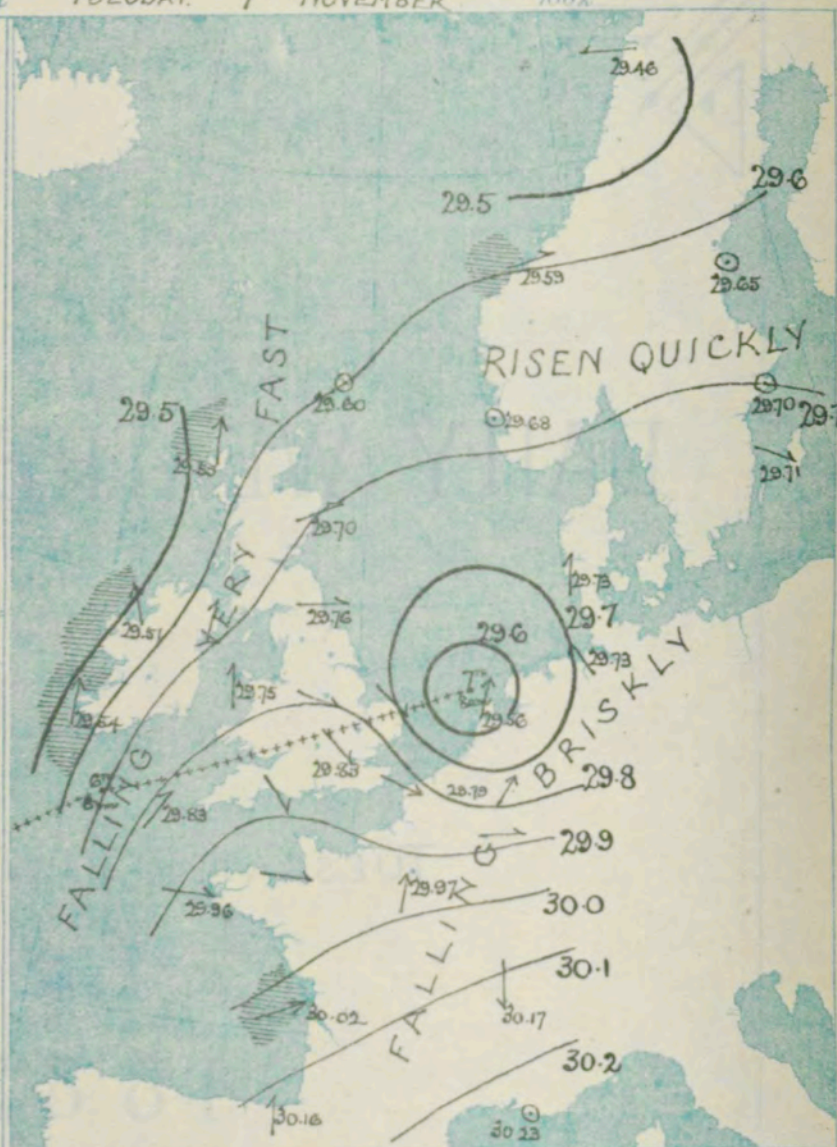
Explanation of Map.

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

Stations

Stations.	Mean Readings
	In.
Nairn	29 . 822
Aberdeen	29 . 820
Leith	29 . 863
Scarborough	29 . 887
Ardrossan	29 . 879
Greencastle	29 . 884
Holyhead	29 . 897
Valencia	29 . 939
Roche's Pt.	29 . 873
Plymouth	29 . 960
LONDON	29 . 940
Yarmouth	29 . 910

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



Explanation of Map.

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

for the month of November

<i>Stations</i>	<i>Temp.</i>	<i>Rain- fall</i>
	<i>°</i>	<i>ins.</i>
<i>Sumburgh Head</i>	41·4	2·51
<i>Stornoway</i>	41·8	4·30
<i>Aberdeen</i>	41·5	2·91
<i>Shields</i>	42·0	2·83
<i>York</i>	42·4	2·32
<i>Mullaghmore</i>	43·3	?
<i>Holyhead</i>	44·7	3·08
<i>Parsonstown</i>	43·7	2·45
<i>Valencia</i>	44·8	4·80
<i>Sally (St Mary's)</i>	46·3	4·19
<i>Hurst Castle</i>	44·7	?
<i>Dover</i>	44·2	3·90
<i>LONDON</i>	43·6	1·89
<i>Karmouth</i>	43·3	3·13

* 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 7th Nov^r 1882 at 8 a.m.

In the course of the past night a small but well defined depression passed quickly across the south of England, occasioning heavy rain and gusty westerly breezes. The centre of the depression now lies near the Alder, and is travelling away End, but a much larger and deeper disturbance is apparently advancing towards our western coast and the barometer is falling rapidly in the extreme W. and NW. In the SE. of England the wind is light from NW. but in all other districts it is S^W or SW^{ly} and at Valencia it has increased to a moderate gale. The weather is fine along our E⁺ and SE⁺ coasts, cloudy or overcast elsewhere, with mist or fog in many places, and showers at Roches Point. The amount of rain which fell over England yesterday exceeded half an inch at several stations, and was as much as 0.7 in. at Seilly. Temperature has fallen over Great Britain - quickly in the E. of Scotland, and readings range from 52° at Seilly and Jersey to 30° at Aberdeen. Sea is rough off the western coast of Ireland and Scotland, moderate or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

8th NOVEMBER

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

DISTRICTS

FORECASTS

0	SCOTLAND NORTH	S ^W and SW ^{ly} winds, strong; dull, unsettled, rainy.
1	SCOTLAND EAST	SW ^{ly} winds, moderate to fresh or strong; fair to dull and rainy.
2	ENGLAND NE	-----D-----D-----D-----
3	ENGLAND EAST	Same as N ^o 5
4	MIDLAND COUNTIES	Same as N ^o 5.
5	ENGLAND SOUTH	Wind backing to SW. and freshening; fair to unsettled and rainy.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	Same as N ^o 0
7	ENGLAND N.W.	S ^W to SW ^{ly} winds, strong to a gale; cloudy, unsettled, rainy.
8	ENGLAND S.W.	-----D-----D-----D-----
9	IRELAND NORTH	S ^W and SW ^{ly} winds, strong to a gale; dull and rainy to cloudy and showery.
10	IRELAND SOUTH	-----D-----D-----D-----
WARNINGS		The S. cone has been hoisted this morning in districts 6 to 10.

METEOROLOGICAL OBSERVATIONS FOR

7th Nov^r

1882

YESTERDAY EVENING.							8 A.M. TO DAY.							PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	
Haparanda	29.44	23	N	2	0	29.65		31	31		2	0	0	*	39	?	0.08
Hernösand	29.48	38	N N W	6	0	29.70	+ 21	38	36	- 3	2	0	0	*	46	?	0.35
Stockholm	29.48	46	N W	8	0	29.71	+ 35	43	40	- 6	N W	4	0	*	?	41	0.04
Wishy	29.48	46	N W	8	0	29.71	+ 35	43	40	- 6	N W	4	0	*	?	41	0.04
Bodö	29.32	31	E N E	4	0	29.46	+ 31	31	30	- 2	E	4	0	2	?	28	-
Christiansund	29.53	42	N S W	6	1	29.59	+ 46	41	39	- 4	N S W	4	0	5	45	37	0.16
Skudesnaes	29.75	43	N N W	4	0	29.68	+ 22	41	41	- 5	2	0	0	4	48	?	0.39
Oxö (Xiansund)	29.76	44	W	4	0	29.73	+ 37	37	36	- 8	N N W	2	0	3	48	37	-
Skagen (The Skaw)																	
Faro	29.91	42	N S W	4	0	29.73	+ 12	43	42	- 5	S	2	0	*	50	43	0.12
Cuxhaven	29.94	?	N N W	3	0	29.73	+ 04	46	46	- 2	SE	4	1	*	50	43	0.26
Sumburgh Head	29.64	42	W	3	0	29.60	+ 05	37	36	- 6	2	0	0	3	47	36	0.22
Stornoway	29.71	40	N S W	3	0	29.55	- 20	46	44	+ 6	S	6	0	5	46	32	0.18
Wick	29.71	39	W	3	0	29.61	- 10	37	36	- 2	N N W	1	0	2	45	31	-
Nairn	29.75	40	W	2	0	29.67	- 10	35	34	- 5	2	0	0	1	46	32	-
Aberdeen	29.78	43	S S W	2	0	29.70	- 12	30	29	- 10	N S W	1	0	1	46	28	0.01
Leith	29.83	44	W	2	0	29.72	- 15	33	33	- 11	2	0	0	6	50	30	-
Shields	29.88	47	N S W	1	0	29.76	- 19	36	35	- 8	W	2	0	2	49	35	-
Spurn Head	29.93	47	S	3	0	29.73	- 28	44	44	- 1	N W	3	0	2	48	43	0.41
York	29.92	45	S S W	1	0	29.77	- 24	40	39	- 3	N N W	1	0	*	48	39	0.05
Loughborough	29.92	47	S	2	0	29.80	- 27	38	38	- 1	N N W	2	0	*	49	38	0.42
Ardrossan	29.84	48	N S W	2	0	29.68	- 23	37	37	- 8	N N W	2	0	1	49	35	0.02
Mullaghmore	29.82	44	SW	2	0	29.51	- 43	46	43	+ 1	SSE	5	0	5	50	42	?
Donaghadee	29.87	40	SW	2	0	29.67	- 29	36	36	- 4	SSW	1	0	0	47	30	-
Parsonstown	29.85	45	S	1	0	29.61	- 40	41	40	- 2	S	2	0	*	48	32	-
Barrow-in-Furness	29.82	46	SW	3	0	29.77	- 20	40	39	- 7	NE	2	0	4	51	39	-
Holyhead	29.85	48	N S W	2	0	29.75	- 26	47	45	0	S	3	0	2	50	43	0.03
Liverpool (Bidston)	29.87	46	SE	2	0	29.78	- 22	40	39	- 5	SSW	1	0	2	47	40	0.29
Valencia	29.84	46	ESE	1	0	29.54	- 46	51	49	+ 4	S	7	0	6	52	42	0.13
Roche's Point	29.82	47	N N E	2	0	29.68	- 37	50	50	+ 2	SW	5	0	4	56	38	0.18
Pembroke	29.81	47	SE	3	1	29.76	- 19	50	46	- 2	SSW	3	0	2	52	43	0.56
Scilly	29.76	55	SSE	6	1	29.83	- 23	52	50	+ 1	SW	4	0	4	55	48	0.66
Prawle Point	29.87	54	SSE	6	1	29.88	- 25	47	46	- 1	N S W	2	0	4	55	45	0.63
Hurst Castle	29.91	55	N S W	4	0	29.88	- 26	46	45	- 2	N N W	3	0	4	57	45	0.26
Dover	30.00	51	S	3	0	29.80	- 34	49	47	+ 2	N N W	5	0	3	54	46	0.42
London	29.97	48	SE	2	0	29.83	- 30	45	43	+ 1	NW	2	0	*	57	43	0.20
Oxford	29.84	48	SSE	1	1	29.86	- 25	41	41	- 4	W	1	0	*	53	41	0.57
Cambridge	29.91	48	SW	1	1	29.81	- 29	42	41	- 3	NW	1	0	*	53	40	0.52
Yarmouth	29.97	49	S	2	0	29.70	- 36	46	45	+ 1	NW	2	0	4	51	43	0.43
The Helder	29.99	47	SSE	1	0	29.56	- 41	52	52	+ 1	SSW	5	0	2	52	46	0.55
Cape Gris Nez																	
Jersey	29.98	55	SW	4	0	29.93	- 25	52	51	0	W	3	0	3	58	51	0.23
Brest	29.99	56	SW	7	0	29.96	- 18	52	50	- 3	W	4	0	4	55	50	0.28
Lorient	30.03	57	SW	7	0	29.96	- 22	53	50	- 4	W	3	0	5	59	50	0.08
Rochefort	30.11	57	SW	5	0	30.02	- 26	56	56	+ 1	WSW	7	0	3	61	50	-
Biarritz	30.20	57	R	3	0	30.16	- 12	52	48	- 3	S	1	0	3	63	45	-
Corunna																	
Brussels						29.79	- 36	54	51	+ 4	SW	7	0	*	55	?	0.12
Charleville		49	W	1	0	29.95	- 22	51	49	+ 2	W	1	0	*	56	?	0.32
Paris	30.13	55	SW	4	0	29.97	- 24	54	52	- 1	SSW	5	0	*			-
Lyons	30.24	49	N N W	1	0	30.07	- 21	41	41	- 3	N	1	0	*	60	37	-
Toulon	30.20	55	W	4	0	30.23	- 07	52	51	0	2	0	0	2	63	52	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.65	42	W	1	0	28.54	- 19	32	32	- 7	N S W	1	0	*	44	30	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.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...							Valencia ...	29.88	51	49	ESE	2	0	3	
Sumburgh Head	29.64	44	41	WNW	5	0	6	Scilly ...	29.87	55	55	SW	4	0	5
Stornoway ...	29.74	44	40	WSW	3	0	3	Dover ..	30.08	53	49	WSW	3	0	2
Aberdeen ...	29.82	45	42	SW	2	0	2	London ...	30.05	54	48	SW	1	0	3
Shields ...	29.92	49	46	SW	2	0	2	Yarmouth ...	30.06	50	47	WSW	1	0	2
Ardrossan ...	29.87	48	48	SW	3	0	2	Jersey ...	30.06	56	56	SW	3	0	3
Mullaghmore ...	29.88	49	45	SW	4	0	3	Rocheft ...	30.15	59	56	SSW	4	0	2
Holyhead ...	29.94	50	47	WSW	2	0	1								

The barometer is now falling generally - chiefly in the S.W. The winds are little changed excepting at Valencia where a light E. breeze has sprung up. The sky has become overcast in most places and rain still falls at Scilly.

EXPLANATION OF COLUMNS.

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

DAILY WEATHER REPORT

FOR

WEDNESDAY, 8TH NOVEMBER.

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 WEDNESDAY 8th NOVEMBER 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.

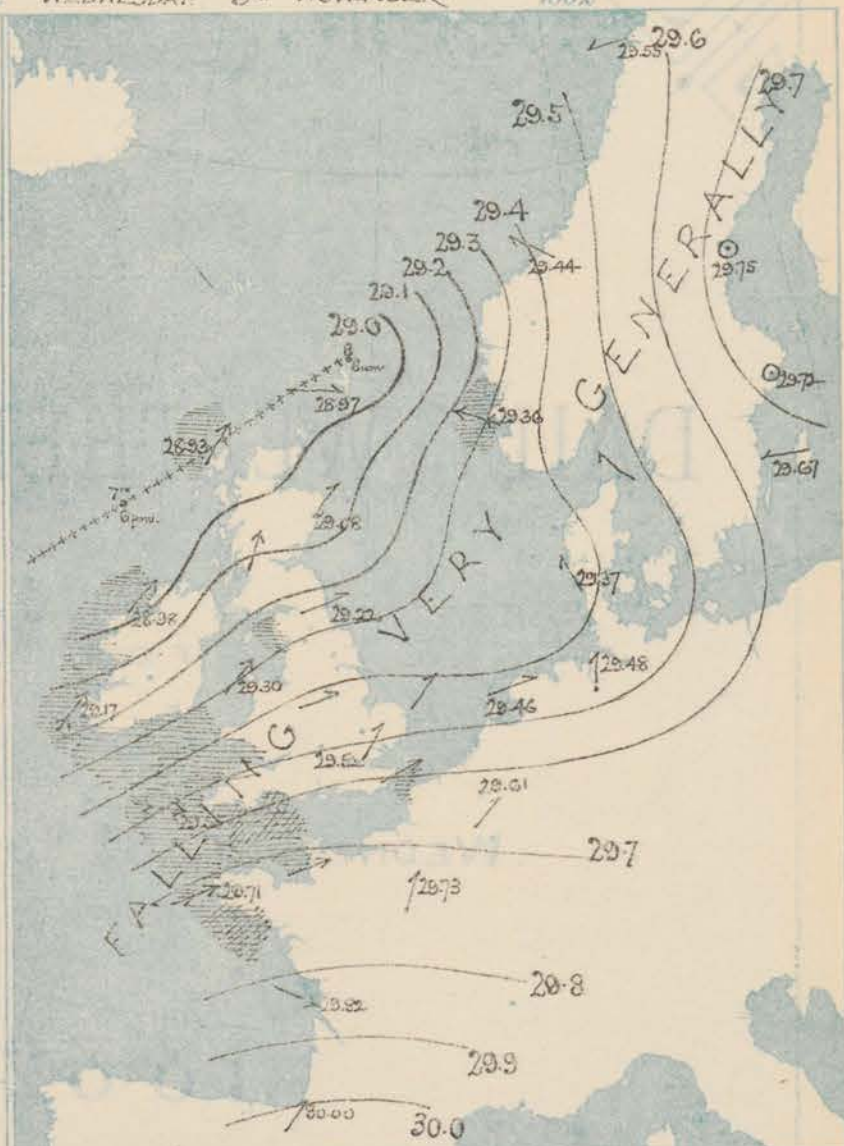
Sea Disturbance; where considerable is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of November.

Stations.	Mean Readings.
Nairn	29.322
Aberdeen	29.290
Leith	29.263
Scarborough	29.287
Ardrossan	29.279
Greenock	29.284
Holyhead	29.287
Valencia	29.238
Roche's Pt.	29.273
Plymouth	29.260
LONDON	29.240
Yarmouth	29.210

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



REMARKS

for Wednesday 8th NOV^r 1882 at 8 a.m.

In the course of yesterday a rather deep depression advanced towards our north-west coasts, causing a brisk fall of the barometer generally, and a fresh or strong S.W.^{ly} gale at many of our western and northern stations. This disturbance has now passed away to the northward of Scotland, but the barometer is again falling quickly in the north-west, and a new depression is evidently approaching. The winds are W.^{ly} in the south-west, but S.W.^{ly} on all our other coasts and S.E.^{ly} in Norway and Denmark. In the east and north they are light or moderate in force, but in the west they blow strongly, and in the south-west there is a moderate or fresh gale. Fair weather prevails at most of the eastern and south-eastern stations, but elsewhere the sky is cloudy or overcast with rain in the west and south-west. In the course of yesterday rain fell generally, while thunder and lightning were observed in the west of Ireland and at Barrow in Furness. Temperature has risen in the north-east, fallen elsewhere, and readings now range from 49° at Dilly to 38° at York and Loughboro and 36° at Kairn. The sea is rough in the west and south.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the9th NOVEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S.W. ^{ly} and S. ^{ly} winds, increasing; cloudy, unsettled, some rain.
2 SCOTLAND EAST	S.W. ^{ly} winds, moderate to strong; cloudy, some rain.
3 ENGLAND N.E.	—D°—D°—D°—
4 ENGLAND EAST	Same as N° 5
5 MIDLAND COUNTIES	Same as N° 5
6 ENGLAND SOUTH	S.W. ^{ly} to W. ^{ly} winds, fresh to a gale; weather again becoming dull and rainy.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	S. ^{ly} and S.W. ^{ly} winds, strong, perhaps a gale; cloudy, rain at times.
7 ENGLAND H.W.	—D°—D°—D°—
8 ENGLAND S.W.	S.W. ^{ly} to W. ^{ly} strong winds and gales; unsettled, rainy.
9 IRELAND NORTH	Same as N° 6 and 7.
10 IRELAND SOUTH	Same as N° 8.
WARNINGS	The S. cone was hoisted yesterday morn ^g in districts 6 to 10, and in the afternoon or evening in districts 0 to 3 and 5

METEOROLOGICAL OBSERVATIONS FOR

8th NOV^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.			
			Dirac.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force (0 to 12).			Max.	Min.	Amount of Rainfall.	
Haparanda																		
Hernösand	29.70	28	Z	0	6	29.75	+ .10	26	26	- 5	Z	0	f	*	36	25		
Stockholm	29.73	35	Z	0	6	29.72	+ .02	29	28	- 9	Z	0	f	*	46	?		
Wisby	29.73	38	W	2	6c	29.67	- .06	37	36	- 6	Z	2	6c	*	46	36		
Bodö	29.56	35	E	2	6c	29.55	+ .00	33	32	+ 2	ENE	2	c	*	?	20		
Christiansund	29.60	40	SSE	2	6c	29.44	- .15	39	35	- 2	ESE	4	6	3	45	36		
†Skudesnaes	29.30	41	ESE	6	6c	29.30	- .38	46	42	+ 5	ESE	8	0	5	50	41		
Oxö (Klansund)	29.69	39	NNE	1	6	29.45	- .28	44	42	+ 7	ENE	6	0	4	46	36	0.04	
Skagen (The Skaw)	?	43	Z	0	6	?	?	42	41	?	SE	2	c	2	46	41		
Fanö	29.72	39	NNW	1	6	29.37	- .36	41	41	- 2	SE	6	c	*	43	34	0.20	
Cuxhaven	29.54	?	WNW	5	7	29.48	- .25	46	46	0	S	2	0	*	52	41	0.16	
†Sumburgh Head	29.43	46	S	4	0	28.97	- .63	42	41	+ 5	W	3	1	4	47	36	0.46	
†Stornoway	29.11	48	SE	7	0	28.93	- .62	39	38	- 7	SSW	5	op	5	48	37	0.19	
Wick	29.36	47	S	7	0	29.00	- .61	37	36	0	SSW	2	cu	2	48	36	0.05	
Nairn	29.23	42	SW	4	0	28.99	- .68	36	35	+ 1	Z	0	6c	1	46	35	0.03	
†Aberdeen	29.37	47	S	7	0	29.08	- .62	37	35	+ 7	SW	3	6c	3	48	29	0.19	
Leith	29.31	45	SE	2	0	29.08	- .64	39	37	+ 6	SW	2	6	*	45	31	0.05	
†Shields	29.48	45	SSW	6	0	29.22	- .54	40	38	+ 4	WSW	2	cu	2	45	35	0.06	
Spurn Head	29.58	45	SSE	6	0	29.35	- .38	40	39	- 4	SW	4	cu	3	47	39	0.05	
York	29.58	43	SSE	3	0	29.33	- .44	38	37	- 2	S	1	6c	*	47	36	0.08	
Loughborough	29.58	44	SE	3	0	29.42	- .38	38	37	0	WSW	3	6c	*	47	38	0.15	
†Ardrossan	29.19	49	ASE	4	7	29.11	- .57	43	43	+ 6	SSW	5	0	4	49	36	0.35	
†Mullaghmore	29.19	42	SW	6	0	28.98	- .53	39	37	- 7	SW	6	cu	6	49	38	0.39	
Donaghadee	29.25	42	W	4	0	29.16	- .51	38	37	+ 2	SW	4	6c	2	49	35	0.23	
Parsonstown	29.36	39	SW	2	8	29.16	- .45	40	38	- 1	SW	4	6c	*	49	35	0.34	
Barrow-in-Furness	29.37	45	SSW	8	0	29.24	- .33	44	41	+ 4	SSW	6	6c	6	46	40	0.53	
†Holyhead	29.37	44	W	4	7	29.30	- .45	45	42	- 2	SW	5	c	5	51	42	0.43	
Liverpool (Bidston)	29.41	39	SE	5	7	29.33	- .45	38	37	- 2	S	2	c	3	46	36	0.27	
†Valencia	29.42	45	WSW	7	c	29.17	- .37	44	47	- 2	SW	23	op	7	53	38	0.45	
Roché's Point	29.44	46	W	5	c	29.30	- .38	48	47	- 2	WSW	7	cu	5	54	39	0.30	
Pembroke	29.43	47	SW	5	m	29.37	- .39	48	44	- 2	W	6	6c	5	53	41	0.53	
†Scilly	29.59	50	W	8	9/0	29.55	- .28	49	47	- 3	W	8	c	6	54	43	0.21	
Prawle Point	29.64	53	SSW	7	0	29.57	- .31	46	43	- 1	WSW	8	c	7	54	43	0.40	
Hurst Castle	29.70	51	WSW	5	c	29.55	- .33	46	45	0	WNW	5	c	4	53	43	0.28	
†Dover	29.78	50	WSW	4	ca	29.54	- .26	45	45	- 4	WSW	5	6c	4	51	43	0.36	
†London	29.70	48	S	3	0	29.52	- .31	43	40	- 2	SW	3	6c	*	51	40	0.33	
Oxford	29.54	49	SSW	4	0	29.48	- .38	39	39	- 2	SW	3	6c	*	50	39	0.26	
Cambridge	29.65	46	S	1	0	29.46	- .35	41	40	- 1	SW	1	0	*	49	37	0.19	
†Yarmouth	29.75	44	SSW	3	c	29.46	- .24	42	41	- 4	SW	3	6c	3	51	39	0.23	
The Helder	29.75	48	WNW	1	0	29.46	- .10	48	44	- 4	WSW	4	c	3	54	46	0.16	
Cape Gris Nez	29.81	50	S	4	7	29.59	- .21	49	48	- 3	SW	7	c	5	54	46	0.16	
†Jersey	29.78	54	SW	6	op	29.42	- .21	48	48	- 4	WSW	7	op	6	55	46	0.19	
Brest	29.80	56	WSW	7	0	29.71	- .25	51	50	- 1	WSW	8	1	5	55	48	0.20	
Lorient	29.81	55	W	8	0	29.68	- .28	54	50	+ 1	W	8	7	7	57	48	0.43	
†Rochefort	29.94	48	WSW	7	7	29.82	- .20	54	53	- 2	WNW	7	7	4	61	48	1.06	
Biarritz	30.11	59	NE	3	0	30.00	- .16	60	55	+ 8	SW	7	0	2	63	48		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	29.61	- .18	46	44	- 8	SW	4	c	*	55	45	0.20	
Charleville	29.96	51	SW	4	6	29.65	- .30	47	44	- 4	WNW	4	0	*	57	44	0.59	
Paris	29.92	56	SW	5	0	29.73	- .24	50	48	- 4	SSW	1	0	*	*	*	0.20	
Lyons	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Toulon	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

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

Hawes Junction	28.24	41	SSW	4	7	28.03	- .51	36	38	+ 4	SSW	2	0	*	42	32	0.53
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.	
Skudesnaes ...							Valencia ...	29.41	47	43	WSW	7	6c	7
Sumburgh Head	29.53	44	40	8	3	0	Scilly ..	29.65	54	53	WSW	6	0	5
Stornoway ...	29.30	48	44	8	4	0	Dover ..	29.85	48	46	W	8	6c	2
Aberdeen ...	29.34	41	40	SSW	1	0	London ...	29.80	48	45	SE	8	0	3
Shields ...	29.65	45	42	SSW	3	0 m	Yarmouth ...	29.80	47	46	WSW	2	0 d	3
Ardrossan ...	29.43	46	46	ESE	4	0	Jersey ...	29.85	53	52	WSW	5	0	4
Mullaghmore ...	29.17	49	45	S	7	2 m	Rochefort	29.99	59	57	WSW	7	7	4
Holyhead ...	29.52	49	48	SE	5	d q								

The barometer continues to fall quickly in the N. and NW. and the winds are gradually increasing in strength. At Stornoway there is a hard gale from S. The sky is cloudy generally, with rain at Mullaghmore, Holyhead, and Yarmouth. At Valencia a thunderstorm, accompanied by hail, has been experienced during the morning.

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT

FOR

THURSDAY, 9TH NOVEMBER.

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

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 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 November

Stations.	Mean Readings.
	Inch.
Nairn	29.822
Aberdeen	29.820
Leith	29.863
Scarborough	29.887
Ardrossan	29.879
Greenock	29.887
Holyhead	29.897
Valencia	29.939
Roche's Pt.	29.873
Plymouth	29.960
LONDON	29.940
Yarmouth	29.910

* 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 November

Stations	Temp.	Rain-fall.
	°	inches
Sunderburgh Head	41.4	2.51
Stornoway	41.8	4.30
Aberdeen	41.5	2.91
Shields	42.0	2.83
York	42.4	2.32
Mullaghmore	43.3	?
Holyhead	41.7	3.06
Portsmouth	43.7	2.45
Valencia	44.8	4.80
Scilly (St. Mary's)	40.3	4.19
Hurst Castle	44.7	?
Dover	44.2	3.00
LONDON	43.6	1.89
Yarmouth	43.3	3.43

* 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 _____ 1882 at 8 a.m.

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

11 SCOTLAND
NORTH6 SCOTLAND
WEST1 SCOTLAND
EAST7 ENGLAND
N.W.2 ENGLAND
N.E.8 ENGLAND
S.W.3 ENGLAND
EAST9 IRELAND
NORTH4 MIDLAND
COUNTIES10 IRELAND
SOUTH5 ENGLAND
SOUTH

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR

9th Nov^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.		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	29.63	32	2	0	f	29.59	- .16	34	32	+ .8	E.N.E.	4	0	34	2	-	
Stockholm	29.49	41	E	6	0	29.32	- .40	40	36	+ .11	E	6	0	41	27	-	
Wisby	29.38	41	E	6	0	29.23	- .44	37	36	0	E.N.E.	4	0	46	34	0.75	
Bodö	29.51	32	E.N.E.	2	0	29.47	- .08	30	28	- .3	E.N.E.	2	0	34	28	-	
Christiansund	29.22	42	E.S.E.	3	0	29.15	- .29	42	36	+ .3	E	3	0	43	36	-	
†Skudesnaes	29.15	44	E.S.E.	6	0	28.96	- .34	45	41	- .1	E	8	0	46	43	-	
Oxö (Xiansund)	29.19	38	W.W.W.	1	0	29.05	- .40	44	42	0	E.S.E.	6	0	45	36	0.39	
Skagen (The Skaw)	?	41	W.W.W.	4	0	?	?	44	42	+ .2	S.E.	4	0	45	37	0.35	
Fanö	29.29	43	S.S.W.	4	0	29.04	- .33	46	45	+ .5	S.S.W.	6	0	46	39	0.71	
Cuxhaven	29.43	?	S.W.	2	0	29.24	- .24	40	40	- .6	S	3	0	46	37	0.10	
†Sumburgh Head	28.97	40	S.E.	3	0	28.92	- .05	44	40	+ .2	N.E.	4	0	45	38	0.11	
†Stornoway	28.91	34	W.S.W.	1	0	29.01	+ .08	35	34	- .4	W.S.W.	3	0	44	30	0.01	
Wick	28.96	41	S	3	0	28.93	- .07	41	40	+ .4	N	2	0	45	32	0.18	
Nairn	28.84	35	2	0	0	28.96	- .03	38	36	+ .2	N.W.W.	3	0	43	34	0.15	
†Aberdeen	28.90	42	S.S.E.	6	0	28.83	- .25	41	39	+ .4	N.W.	7	0	44	35	0.58	
Leith	28.77	39	S	3	0	28.95	- .13	37	35	- .2	W	3	0	47	33	0.24	
†Shields	28.91	41	S.S.W.	7	0	28.92	- .20	39	36	- .1	W	7	0	45	36	0.11	
Spurn Head	29.14	44	S.S.W.	6	0	28.94	- .36	43	42	+ .3	W.S.W.	6	0	46	34	0.28	
York	29.07	43	S.S.W.	4	0	29.04	- .29	42	40	+ .4	W	3	0	45	38	0.31	
Loughborough	29.23	43	S.W.	5	0	29.13	- .29	40	38	+ .2	W	3	0	48	38	0.33	
†Ardrossan	28.81	40	E.S.E.	4	0	29.04	- .07	43	43	0	W	4	0	45	36	0.42	
†Mullaghmore	28.83	39	S.W.	5	0	29.28	+ .30	46	42	+ .7	N.W.	9	0	48	37	0.40	
Donaghadee	28.80	42	W	5	0	29.12	- .04	38	38	0	W.N.W.	4	0	45	30	0.15	
Parsonstown	28.98	47	S.W.	8	0	29.41	+ .25	43	40	+ .3	W.N.W.	2	0	47	38	0.29	
Barrow-in-Furness	29.96	47	S.W.	8	0	29.15	- .09	48	42	+ .1	W	4	0	48	42	0.62	
†Holyhead	29.04	49	S.W.	7	0	29.15	- .15	48	45	+ .3	W.N.W.	8	0	50	43	0.06	
Liverpool (Bidston)	29.07	44	S.W.	4	0	29.13	- .20	42	41	+ .4	W.S.W.	3	0	48	38	0.34	
†Valencia	29.20	51	W.S.W.	7	0	29.38	+ .41	49	46	0	W.N.W.	5	0	52	41	0.28	
Roche's Point	29.24	45	W	6	0	29.48	+ .18	46	43	- .2	W.N.W.	4	0	53	41	0.25	
Pembroke	29.17	50	W.S.W.	8	0	29.32	- .05	50	45	+ .2	W	6	0	51	42	0.34	
†Scilly	29.45	52	W	8	0	29.48	- .07	52	50	+ .3	W.N.W.	8	0	53	47	0.03	
Prawle Point	29.46	51	S.W.	9	0	29.38	+ .19	45	43	- .1	W	7	0	52	41	0.11	
Hurst Castle	29.43	52	W.N.W.	8	0	29.32	- .23	45	44	- .1	N.W.	5	0	52	44	0.08	
†Dover	29.44	49	W	6	0	29.22	- .32	44	41	- .1	W	5	0	50	42	0.04	
†London	29.40	48	S.W.	4	0	29.24	- .28	41	39	- .2	W.S.W.	3	0	51	40	-	
Oxford	29.38	46	S	6	0	29.24	- .24	40	40	+ .1	S.W.	4	0	50	39	0.41	
Cambridge	29.31	46	S.W.	3	0	29.20	- .26	42	40	+ .1	S.W.	2	0	49	39	0.07	
†Yarmouth	29.33	45	S.S.W.	4	0	29.12	- .34	42	40	0	W.S.W.	5	0	47	40	-	
The Helder	29.35	48	S.W.	7	0	29.06	- .40	42	45	0	S.W.	7	0	50	46	0.16	
Cape Gris Nez																	
†Jersey	29.56	51	W.S.W.	7	0	29.40	- .32	50	49	+ .2	W	8	0	52	45	0.16	
Brest	29.63	52	W	7	0	29.56	- .15	50	47	- .1	W.N.W.	7	0	54	46	0.16	
Lorient	29.61	51	W	7	0	29.52	- .16	53	46	- .1	N.W.	0	0	55	46	0.39	
†Rochefort	29.76	51	W.N.W.	5	0	29.62	- .20	53	50	- .1	N.W.	0	0	61	45	1.80	
Biarritz	29.87	64	S	5	0	29.86	- .14	57	55	- .3	W	7	0	66	52	-	
Corunna																	
Brussels						29.25	- .36	45	44	- .1	S.W.	4	0	49	43	0.28	
Charleville	29.65	45	S.W.	1	0	29.32	- .33	45	43	- .2	W	1	0	66	44	-	
Paris	29.70	50	S.W.	1	0	29.45	- .28	48	46	- .2	S.W.	3	0			0.12	
Lyons	29.87	53	W.S.W.	4	0	29.54	- .50	50	50		S	8	0	55	46	0.12	
Toulon	30.02	55	2	0	0	29.76	- .39	54	54	+ .4	2	0	0	57	?	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.76	40	S.W.	6	0	27.84	- .19	36	35	0	W	2	0	40	33	1.28	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudeanaes	29.54	43	41	E.S.E.	9	0	Valencia	29.21	51	49	W.S.W.	7	0
Sumburgh Head	29.98	44	41	S.W.	3	0	Scilly	29.49	52	49	W.S.W.	9	0
Stornoway	28.91	44	42	S.S.W.	5	0	Dover	29.50	49	45	W	5	0
Aberdeen	29.03	42	39	S.S.W.	3	0	London	29.45	50	44	W.S.W.	5	0
Shields	29.40	44	42	S.S.W.	4	0	Yarmouth	29.41	47	43	W.S.W.	4	0
Ardrossan	28.95	42	42	E.S.E.	4	0	Jersey	29.61	50	49	W.S.W.	7	0
Mullaghmore	28.88	42	41	W.S.W.	5	0	Rochefort	29.80	55	53	W.N.W.	7	0
Holyhead	29.04	48	44	S.W.	8	0							

A depression has been developed over the N. of Ireland and the barometer is falling quickly in the W, while the wind has increased to a fresh gale at Holyhead and to a strong gale from W.S.W. at Scilly. Rain is falling at Shields and Donaghadee, but in the S. of England the weather remains fine.

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 10TH NOV^R

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^d/per quarter.
D^o D^o Bookpost 5^d D^o

ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on FRIDAY 10th NOVEMBER 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.

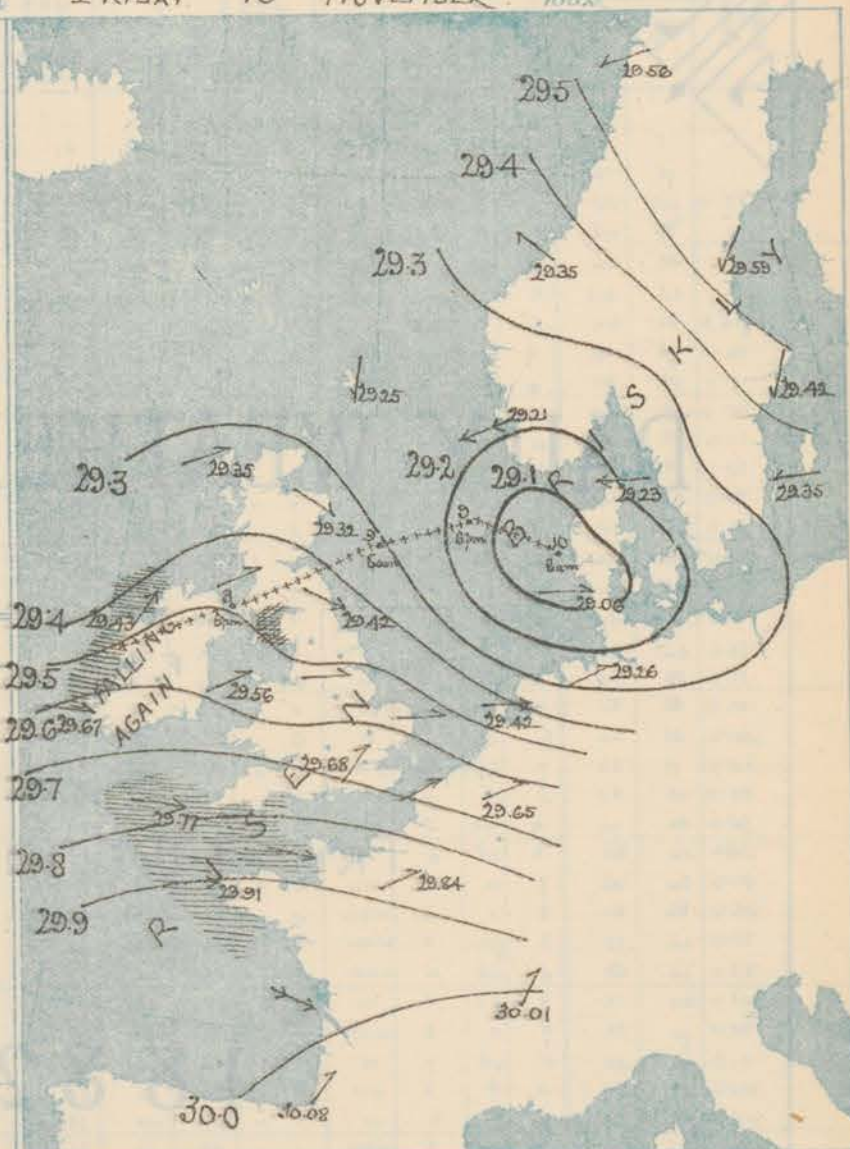
Sea Disturbance, where considerable, is shown by shading round the coast, thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of November.

Stations.	Mean Readings.
Nairn	29.622
Aberdeen	29.670
Leith	29.663
Scarborough	29.667
Ardrossan	29.670
Greenock	29.687
Holyhead	29.697
Valencia	29.939
Roche's Pt.	29.873
Plymouth	29.960
LONDON	29.940
Yarmouth	29.910

* 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.

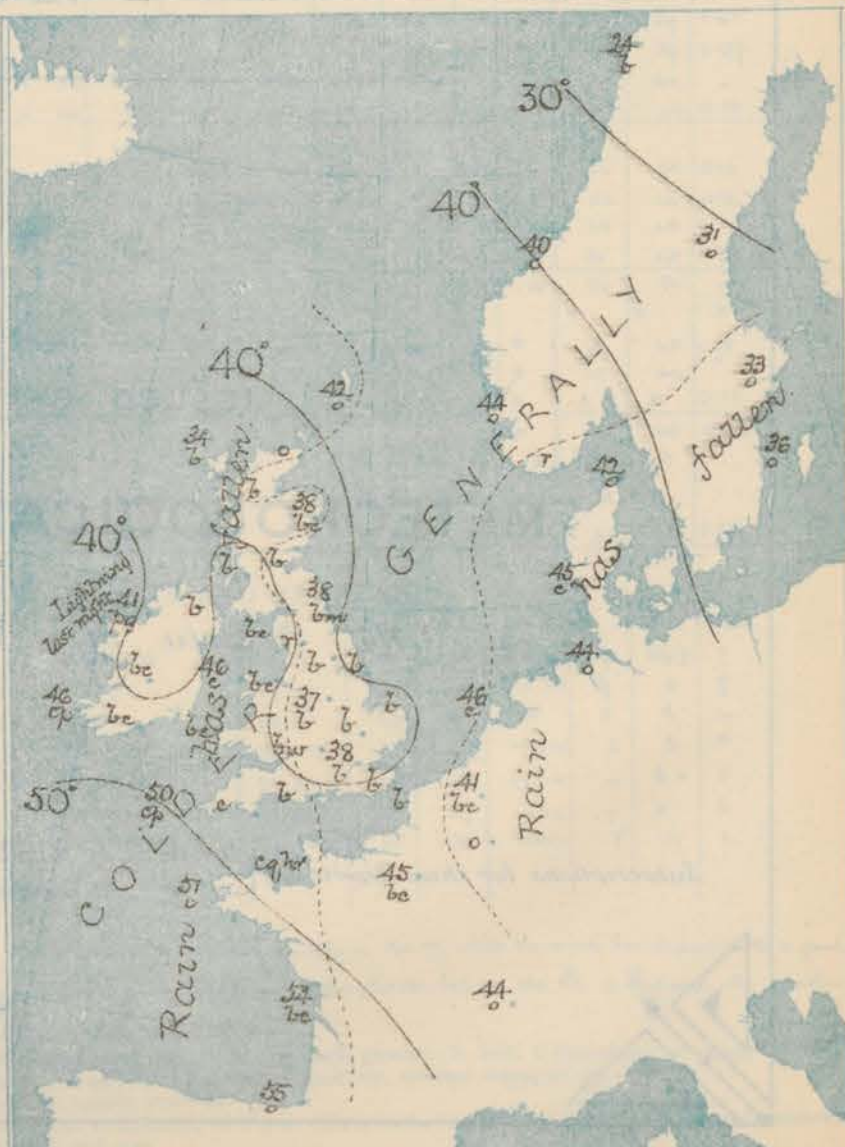
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of November.

Stations	Temp	Rain-fall
Sumburgh Head	41.4	2.51
Stornoway	41.8	4.30
Aberdeen	41.5	2.91
Shields	42.0	2.83
York	42.4	2.32
Mullaghmore	43.3	?
Holyhead	44.7	3.08
Parsonstown	43.7	2.45
Valencia	44.8	4.80
Sally (St Mary's)	40.3	4.19
Hurst Castle	44.7	?
Dover	44.2	3.90
LONDON	43.6	1.89
Yarmouth	43.3	3.13

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1876.



REMARKS

for FRIDAY 10th NOV 1882 at 8 a.m.

The depression which passed across our northern district on Wednesday night has now reached the west coast of Denmark, and appears to be filling up. A brisk recovery of pressure is in progress at all but our extreme western stations, where the barometer has begun to fall again, and the highest readings are still found over the south of France. Fresh or strong gales from ENE are reported from the south of Norway, but in other districts the winds are generally fresh from the Wnd. On our north-west coast, however, as well as over Central England the wind has backed to the SWnd. In Scandinavia and Denmark the sky is very cloudy, but in our Islands the weather, although showery in the extreme W. and SW., is generally fair. Showers fell at all our W- and N- stations yesterday and lightning was seen at Mullaghmore. Temperature has fallen a little, and ranges from 50° at Selly to 34° at Stromway. The sea is high at Barrow-in-Furness, rough on our west and south-west coast generally.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the11th NOVEMBER

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Wind backing to SW. or S. and freshening; cloudy, some rain.
2 SCOTLAND EAST	W ^{ly} to SW ^{ly} winds, moderate or fresh; fair on the whole.
3 ENGLAND N.E.	— D ^o — D ^o — D ^o —
4 ENGLAND EAST	Same as No 5.
5 MIDLAND COUNTIES	Same as No 5.
6 ENGLAND SOUTH	W ^{ly} to SW ^{ly} winds, moderate or fresh; fine generally.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SW ^{ly} winds, moderate or fresh; fine to cloudy.
7 ENGLAND N.W.	W ^{ly} to SW ^{ly} winds, fresh or strong; cloudy, some showers.
8 ENGLAND S.W.	— D ^o — D ^o — D ^o —
9 IRELAND NORTH	SW ^{ly} or S ^{ly} winds, fresh or strong; cloudy, unsettled, some rain.
10 IRELAND SOUTH	— D ^o — D ^o — D ^o —

WARNINGS

NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

10th Nov^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.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.	Temp. in shade.	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).				Dry.	Wet.		Dir.	Force (0 to 12).			Max.	Min.	
Haparanda	29.56	32	NE	4	0	29.59	00	31	30	-3	NE	2	0	*	36	30	-
Hernösand	29.41	34	NE	6	0	29.42	+10	33	32	-7	NNE	2	0	*	43	?	0.08
Stockholm	29.30	35	ESE	4	6	29.35	+12	36	35	-1	E	4	0	*	43	34	0.04
Wisby	29.32	37	ESE	2	6	29.56	+09	24	22	-6	ESE	2	6	1	?	23	-
Bodo	29.21	43	ESE	2	6	29.35	+20	40	35	-5	SE	2	6	2	45	36	-
Christiansund	28.49	46	ESE	4	6	29.21	+25	44	37	-7	ESE	8	0	4	48	?	-
Skudesnæs	29.02	46	ESE	8	0	29.15	+10	43	41	-2	ESE	9	1	?	46	43	0.39
Oxö (Århusund)	29.16	44	ESE	6	6	29.23	?	42	41	-1	E	6	0	6	46	41	0.16
Skagen (The Skaw)	29.07	45	SW	6	0	29.06	+02	45	44	-1	W	4	0	*	48	45	0.51
Faro	29.22	?	SW	5	1	29.26	+02	44	43	+1	WSW	7	0	*	45	37	0.22
Cuxhaven	29.05	44	NE	3	0	29.25	+33	42	40	-2	NNE	3	0	4	46	39	0.12
†Sumburgh Head	29.16	40	NW	5	6	29.35	+34	34	34	-1	WSW	3	6	2	41	33	0.10
†Stornoway	29.14	39	NNW	2	0	29.30	+37	37	36	-1	NW	3	0	2	43	35	0.09
Wick	29.15	38	W	3	6	29.35	+39	35	34	-3	W	0	6	2	43	34	-
Nairn	29.07	41	NNW	6	6	29.32	+49	38	38	-5	NNW	4	6	3	42	37	0.32
†Aberdeen	29.18	42	W	6	6	29.42	+47	37	35	0	W	2	6	*	47	34	-
Leith	29.15	43	NNW	6	6	29.42	+50	38	36	-1	NNW	5	6	2	46	36	-
†Shields	29.25	44	W	7	6	29.48	+49	41	39	-2	WSW	6	6	4	48	39	-
Spurn Head	29.27	43	W	8	6	29.50	+46	37	36	-5	W	2	6	*	50	36	-
York	29.43	42	W	6	6	29.59	+46	37	36	-3	SSE	1	6	*	49	37	0.01
Loughborough	29.32	45	W	4	6	29.44	+40	42	42	-1	WSW	3	6	2	47	38	0.10
†Ardrossan	29.45	45	NNW	6	6	29.43	+15	41	40	-5	SW	5	6	5	47	38	0.40
†Mullaghmore	29.42	40	NW	5	6	29.50	+38	38	33	-5	SW	1	6	0	41	32	-
Donaghadee	29.57	39	W	1	0	29.58	+17	39	38	-4	W	1	6	*	48	35	0.07
Parsonstown	29.36	44	WSW	7	0	29.49	+34	44	41	-1	WSW	4	6	7	49	43	0.09
Barrow-in-Furness	29.48	46	NW	7	6	29.56	+41	46	43	-2	WSW	4	6	3	50	43	0.02
†Holyhead	29.41	45	W	6	6	29.55	+42	41	39	-1	WSW	3	6	4	48	40	0.16
Liverpool (Bidston)	29.67	46	NNW	4	6	29.67	+09	46	45	-3	W	4	6	5	53	42	0.30
†Valencia	29.63	50	W	4	1	29.69	+21	42	40	-4	WSW	2	6	4	53	39	0.12
Roche's Point	29.57	50	W	5	6	29.65	+33	49	45	-1	W	5	6	4	50	45	0.03
Pembroke	29.69	50	NNW	6	6	29.77	+29	50	48	-2	W	6	6	6	53	45	0.21
†Scilly	29.67	47	NNW	6	6	29.76	+38	47	45	+2	W	6	6	6	53	43	0.01
Prawle Point	29.61	48	NW	5	6	29.73	+41	44	43	-1	NW	4	6	4	52	42	-
Hurst Castle	29.51	48	W	5	6	29.67	+45	40	38	-4	W	4	6	3	51	39	-
†Dover	29.53	45	NW	4	6	29.68	+44	38	35	-3	SW	2	6	*	52	37	-
London	29.54	43	NNW	3	6	29.67	+43	39	38	-1	SW	4	6	*	51	38	-
Oxford	29.44	45	NNW	2	0	29.63	+43	38	37	-4	SW	1	6	*	50	34	-
Cambridge	29.34	45	W	6	6	29.54	+42	39	38	-3	W	4	6	4	47	36	-
†Yarmouth	29.27	49	W	8	0	29.42	+36	46	42	-2	W	7	6	4	50	43	-
The Helder	29.52	51	WSW	8	6	29.69	+45	43	43	-1	WSW	5	6	4	54	43	-
Cape Gris Nez	29.71	50	NNW	5	6	29.81	+41	49	48	-1	NNW	7	6	6	54	44	0.18
†Jersey	29.82	52	NNW	4	6	29.91	+35	51	47	+1	W	5	0	5	54	46	-
Brest	29.84	55	NNW	9	6	29.91	+29	54	51	+1	NNW	8	6	4	61	48	0.08
†Rochefort	30.64	52	W	7	0	30.08	+22	55	51	-2	SW	4	0	3	66	48	0.08
Biarritz	*	*	*	*	*	29.65	+40	41	40	-4	WSW	3	6	*	50	39	0.12
Corunna	*	*	*	*	*	29.67	+35	42	39	-3	NNW	8	0	*	66	43	0.24
Brussels	29.78	50	NNW	5	6	29.84	+39	45	44	-3	WSW	3	6	*	*	*	-
Charleville	29.89	48	S	1	6	30.01	+47	44	42	-9	SW	1	0	*	62	42	-
Lyons	29.78	55	NW	8	6	29.95	+19	46	45	-8	NW	8	6	7	55	45	-
Toulon																	

HIGH LEVEL STATION.

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

Hawes Junction	28.06	36	WSW	5	6	28.26	+42	35	34	-1	WSW	4	1	*	40	32	0.19
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.70	47	42	ESE	8	0	5	Valencia ...	29.66	47	45	WNW	4	cp	4
Sumburgh Head	28.99	45	42	NE	4	c	4	Scilly ...	29.67	53	50	WNW	6	c	6
Stornoway ...	29.10	41	40	W	4	d	3	Dover ..	29.37	49	46	W	5	bc	3
Aberdeen ...	28.97	41	40	NNW	6	1	4	London ...	29.40	52	46	WNW	6	c	*
Shields ...	29.07	45	42	W	7	b	2	Yarmouth ...	29.23	47	43	W	5	b	3
Ardrossan ...	29.17	45	45	WNW	5	c	4	Jersey ...	29.63	53	51	WNW	3	c	6
Mullaghmore ...	29.44	47	?	WNW	7	cp	6	Rochefort ...	29.76	57	52	WNW	9	bc	7
Holyhead ...	29.40	48	44	NW	8	cp	7								

The rise of the barometer noticed in the M. this morning has since extended to all parts of our Islands, and fresh or strong winds from between W. and NW. prevail generally. Showery weather is still reported from some of our W. and N. stations, but in the E. and SE. the weather continues fair.

EXPLANATION OF COLUMNS.

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

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

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

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

§ Received too late for insertion in chart.

DAILY WEATHER REPORT

FOR

SATURDAY, 11TH NOVEMBER.

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 Saturday. 11th NOVEMBER. 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.

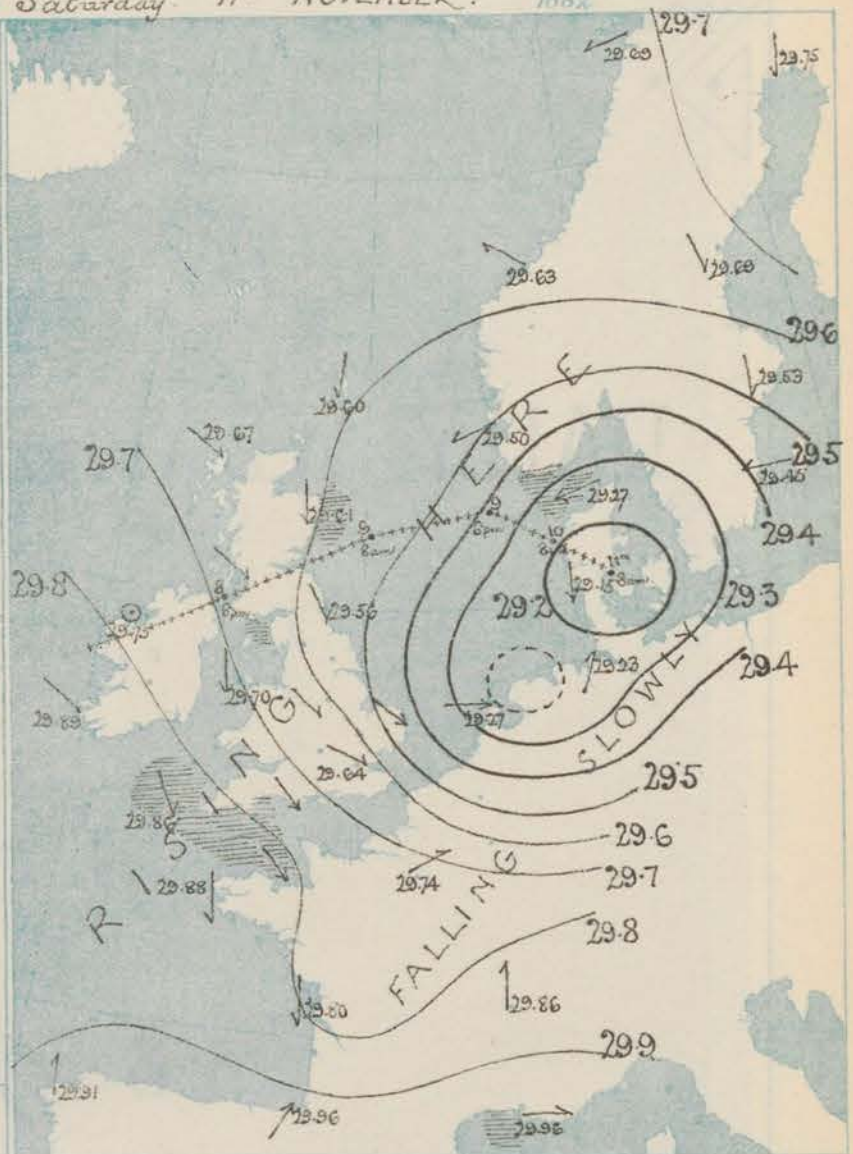
Sea Disturbance; where considerable, is shown by shading round the coast; thus: - Rough; - High.

MEAN* HEIGHT of the BAROMETER

for the month of November.

Stations.	Mean Readings
	Ins.
Nairn	29.822
Aberdeen	29.820
Leith	29.863
Scarborough	29.887
Ardrossan	29.870
Greenock	29.887
Holyhead	29.897
Valencia	29.939
Roche's Pt.	29.873
Plymouth	29.960
LONDON	29.940
Yarmouth	29.910

* 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.

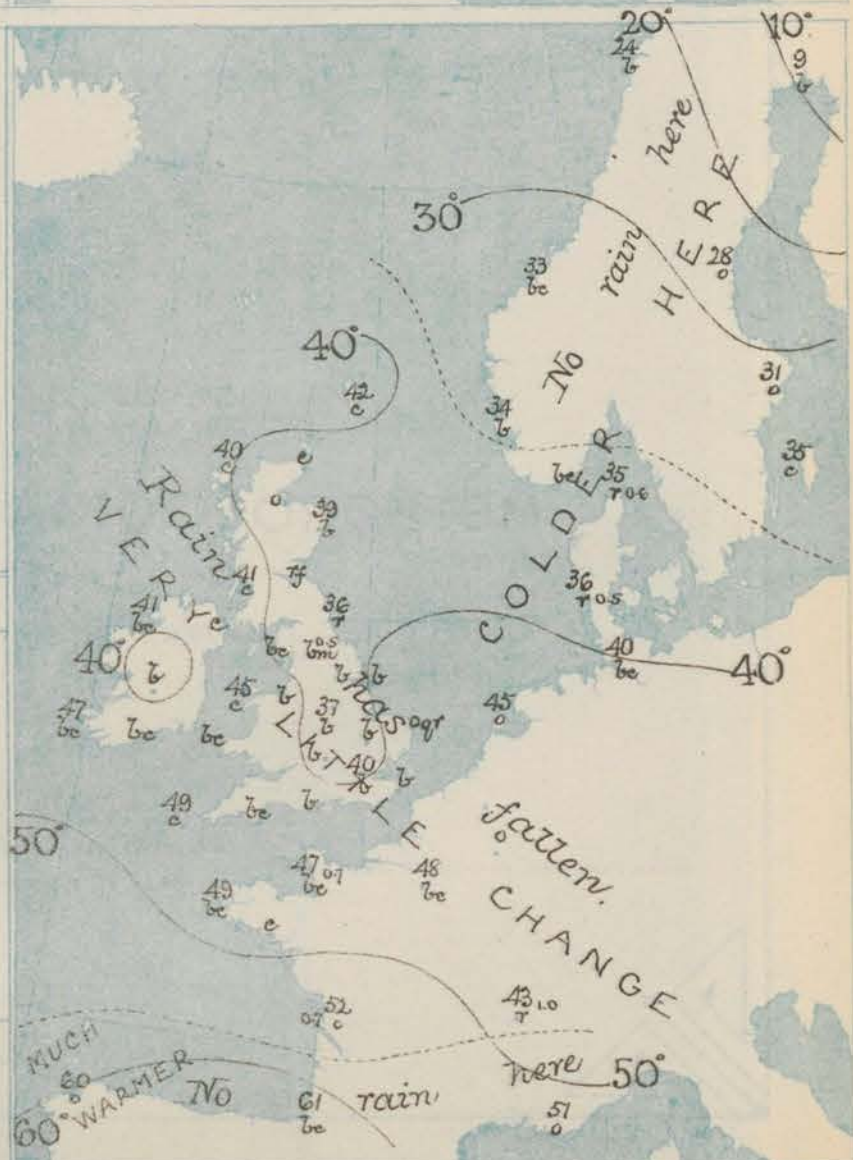
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of November.

Stations	Temp.	Rain-fall
	°	ins.
Sundburgh Head	41.4	2.51
Stornoway	41.8	4.30
Aberdeen	41.5	2.01
Shields	42.0	2.83
York	42.4	2.32
Mullaghmore	42.8	?
Holyhead	42.7	3.08
Parsonstown	43.7	2.45
Valencia	44.8	4.00
Sally (St Mary's)	44.3	4.10
Hurst Castle	44.7	?
Dover	44.2	3.00
LONDON	43.6	1.89
Yarmouth	43.3	2.13

* The mean Temperatures are those for the 18 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Saturday 11th NOVEMBER 1882 at 8 a.m.

In the course of the past twenty-four hours a small and rather shallow depression has crossed our more northern districts, occasionally showers of cold rain or hail in many parts of the country. The disturbance has now passed away to the southern portion of the North Sea, and the barometer is rising over the whole of our islands. In France, however, a slight fall is taking place. NW³ winds prevail at all our own stations, as well as in the W of France and vary in strength from a light air in Scotland to a strong breeze in the south of England. In the Lizard Park there is a slight gale from NE. Rain is falling on our NE. coasts, and also in Denmark, but elsewhere the weather is generally fair. In the course of yesterday showers fell generally. Temperature has changed little, and at present varies from 44° at Lilly to 37° at York and Loughboro', 36° at Parnetown and 35° at Wick.

The sea is rather rough at Aberdeen and in the western half of the Channel.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

12th NOVEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

NW² to NE² winds, light;
cloudy.

2 SCOTLAND
EAST

NW² winds, falling light and
becoming variable; fair on the whole.

3 ENGLAND
NE

---D°---D°---D°---

4 ENGLAND
EAST

Same as No 5

5 MIDLAND
COUNTIES

Same as No 5.

6 ENGLAND
SOUTH

NW² and W² winds, moderate
and fresh; some showers in
daytime, clear and cold at night.

DISTRICTS

FORECASTS

6 SCOTLAND
WEST

Light breezes; cloudy.

7 ENGLAND
N.W.

NW² to W² winds, moderate and
fresh; changeable, some showers.

8 ENGLAND
S.W.

---D°---D°---D°---

9 IRELAND
NORTH

NW² winds, backing somewhat;
moderate to fresh; changeable,
some showers.

10 IRELAND
SOUTH

---D°---D°---D°---

WARNINGS

NO ONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

11th NOV^r

1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										FAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	SHADE TEMP.		Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).									Dir.	Force (0 to 12).			Max.	Min.	
Haparanda	29.73	21	N	2	0	29.75	+ .02	9	9	- 13	2	2	G	2	0	2	21	7	-
Hernösand	29.59	30	NNE	6	0	29.69	+ .10	28	26	- 3	2	4	0	0	0	3	34	28	-
Stockholm	29.50	32	NE	2	6c	29.53	+ .11	31	31	- 2	2	2	0	0	0	3	36	28	-
Wisby	29.42	33	E	4	6	29.45	+ .10	35	33	- 1	2	4	0	0	0	3	39	32	-
Bodö	29.60	27	ENE	2	0	29.69	+ .13	24	22	0	ENE	2	6	1	1	2	27	23	-
Christiansund	29.47	34	ESE	1	6	29.63	+ .28	33	29	- 7	ESE	1	6c	2	2	2	?	27	-
†Skudesnaes	29.41	40	ENE	4	6c	29.50	+ .29	34	30	- 10	ENE	4	6	3	3	4	45	?	-
Oxö (Xmasund)	29.86	35	NE	8	0	29.41	+ .26	32	30	- 11	NNE	8	6c	5	5	4	43	32	0.12
Skagen (The Skaw)	29.33	38	ENE	6	2	29.27	+ .04	35	34	- 7	ENE	7	2	6	6	4	43	32	0.59
Fanö	29.45	45	W	6	0	29.15	+ .09	36	36	- 9	N	6	2	2	2	4	48	36	0.47
Cuxhaven	29.32	?	W	8	2	29.23	- .03	40	40	- 44	WSW	2	6c	2	2	4	45	37	0.04
†Sumburgh Head	29.35	44	E	2	6	29.63	+ .35	42	39	0	NNE	3	0	3	3	4	44	30	0.42
†Stornoway	29.39	37	N	2	6	29.67	+ .32	40	39	+ 6	NW	1	0	1	1	4	48	32	0.03
Wick	29.34	40	NW	3	2	29.61	+ .31	35	34	- 2	NW	2	0	4	4	4	43	33	0.22
Nairn	29.35	35	W	1	0	29.63	+ .28	37	36	+ 2	W	0	0	2	2	4	42	34	0.20
†Aberdeen	29.33	39	WSW	1	0	29.61	+ .29	39	37	+ 1	NNW	4	6	5	5	4	45	35	0.10
Leith	29.33	37	W	2	6	29.59	+ .17	37	36	0	W	1	2f	2	2	4	46	33	0.04
†Shields	29.36	42	W	0	2	29.56	+ .14	36	36	- 2	NNW	4	2	2	2	4	45	35	0.18
Spurn Head	29.39	44	SSW	4	6	29.46	- .02	41	40	0	WNW	6	2	4	4	4	47	38	0.05
York	29.40	42	S	1	2	29.35	+ .05	37	35	0	WNW	1	6	2	2	4	47	36	0.27
Loughborough	29.46	43	WSW	4	6c	29.61	+ .06	37	36	0	WNW	2	6	2	2	4	49	36	0.03
†Ardrossan	29.20	39	ENE	1	2	29.64	+ .20	41	41	- 1	NW	1	0	1	1	4	45	34	0.29
†Mullaghmore	29.39	44	WNW	8	0p	29.75	+ .32	41	39	0	W	0	6c	3	3	4	46	40	0.30
Donaghadee	29.34	36	WNW	3	6	29.68	+ .18	42	39	+ 4	WNW	4	0	2	2	4	44	32	0.04
Parsonstown	29.34	39	SE	2	6	29.82	+ .24	36	35	- 3	W	0	6	2	2	4	45	36	0.08
Barrow-in-Furness	29.24	41	WSW	4	0	29.61	+ .12	37	36	- 7	N	3	6c	5	5	4	49	37	0.25
†Holyhead	29.41	44	WSW	6	0	29.70	+ .14	45	42	- 1	N	5	0	4	4	4	49	42	0.04
Liverpool (Bidston)	29.38	42	WSW	5	6c	29.65	+ .10	43	39	+ 2	NW	3	6	4	4	4	48	40	0.16
†Valencia	29.67	44	WNW	5	6c	29.89	+ .22	47	45	+ 1	NW	2	6c	2	2	4	50	42	0.05
Roche's Point	29.62	48	W	5	0	29.86	+ .17	42	40	0	WNW	4	0	4	4	4	51	38	0.05
Pembroke	29.53	45	W	4	2	29.77	+ .12	46	42	- 3	NW	3	6c	3	3	4	51	45	0.12
†Scilly	29.68	51	W	7	0p	29.86	+ .09	49	46	- 1	NNW	4	0	5	5	4	52	46	0.10
Prawle Point	29.64	49	WSW	7	0	29.79	+ .03	44	41	- 3	WNW	5	6c	5	5	4	52	38	0.10
Hurst Castle	29.61	50	WNW	6	6c	29.71	- .02	43	41	- 1	NW	5	6	4	4	4	52	41	0.03
†Dover	29.62	47	W	4	6	29.58	- .09	40	37	0	W	6	6	4	4	4	50	38	-
†London	29.57	46	WSW	1	6f	29.64	- .04	40	38	+ 2	WNW	4	6	2	2	4	52	38	0.01
Oxford	29.51	45	SW	2	0	29.67	- .01	38	38	0	WSW	2	6	2	2	4	51	37	0.03
Cambridge	29.51	45	SW	2	2	29.60	- .03	38	37	0	W	1	6	2	2	4	50	36	0.02
†Yarmouth	29.52	43	SSW	3	6c	29.45	- .09	41	40	+ 2	WNW	5	2p	4	4	4	46	38	0.16
The Helder	29.47	48	WSW	4	6	29.27	- .15	45	42	- 1	W	7	0	4	4	4	43	45	0.20
Cape Gris Nez																			
†Jersey	29.73	49	WSW	7	0p	29.79	- .02	47	45	- 2	NW	5	6c	5	5	4	53	46	0.65
Brest	29.73	49	WNW	7	0	29.88	- .03	49	43	- 2	N	4	6c	4	4	4	54	46	0.04
Lorient	29.80	54	W	7	0	29.84	- .04	49	46		NNW	5	0	2	2	4	55	46	0.12
†Rochefort	29.91	53	W	5	0	29.80	- .11	52	51	- 2	N	4	0	2	2	4	61	45	0.67
Biarritz	30.01	55	S	1	0	29.96	- .12	61	55	+ 6	SW	5	6c	3	3	4	63	52	-
Cornwall						29.91	- .04	60	58	+ 10	S	4	0	3	3	4	64	46	-
†Brussels						29.57	- .14	42	38	+ 1	WSW	4	6	2	2	4	49	?	0.16
Charleville	29.80	45	W	1	0	29.78	+ .11	42	40	0	NNW	4	0	2	2	4	46	42	?
Paris	29.84	49	SW	4	6c	29.74	- .10	48	45	+ 3	WSW	4	6c	2	2	4	?	?	0.04
Lyons	30.04	46	SW	1	0	29.86	- .15	43	42	- 1	S	1	2	2	2	4	53	42	1.02
Toulon	30.01	51	NW	8	6	29.96	+ .01	51	48	+ 5	W	4	0	5	5	4	55	46	-
Hawes Junction	28.41	35	WSW	3	2	28.39	+ .13	32	31	- 3	NNW	2	6c	2	2	4	40	29	0.47

HIGH LEVEL STATION.

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

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.32	45	37	ENE	7	6	Valencia	29.66	48	45	WNW	6	0p
Sumburgh Head	29.32	43	42	NNE	2	0	Scilly	29.72	51	51	W	6	0p
Stornoway	29.37	45	41	E	1	0	Dover	29.67	49	45	W	4	2
Aberdeen	29.25	43	40	WNW	3	6	London	29.64	50	46	W	4	6c
Shields	29.42	44	41	W	0	0m	Yarmouth	29.57	46	43	WSW	4	6
Ardrossan	29.34	43	43	W	3	2	Jersey	29.78	50	50	W	6	0
Mullaghmore	29.36	45	41	WNW	7	0p	Rochefort	29.94	57	52	W	5	0
Holyhead	29.46	47	45	SW	4	0p							

The barometer is falling in the W. and S., but the winds are little changed excepting at Mullaghmore, where they have veered to WNW and increased to a moderate gale. Showers are reported at all our W² stations, but in the E. the weather is still fair.

EXPLANATION OF COLUMNS.

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

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

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

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

§ Received too late for insertion in Charts.

DAILY WEATHER REPORT

FOR

SUNDAY 12TH NOVEMBER.

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 12th NOV^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.

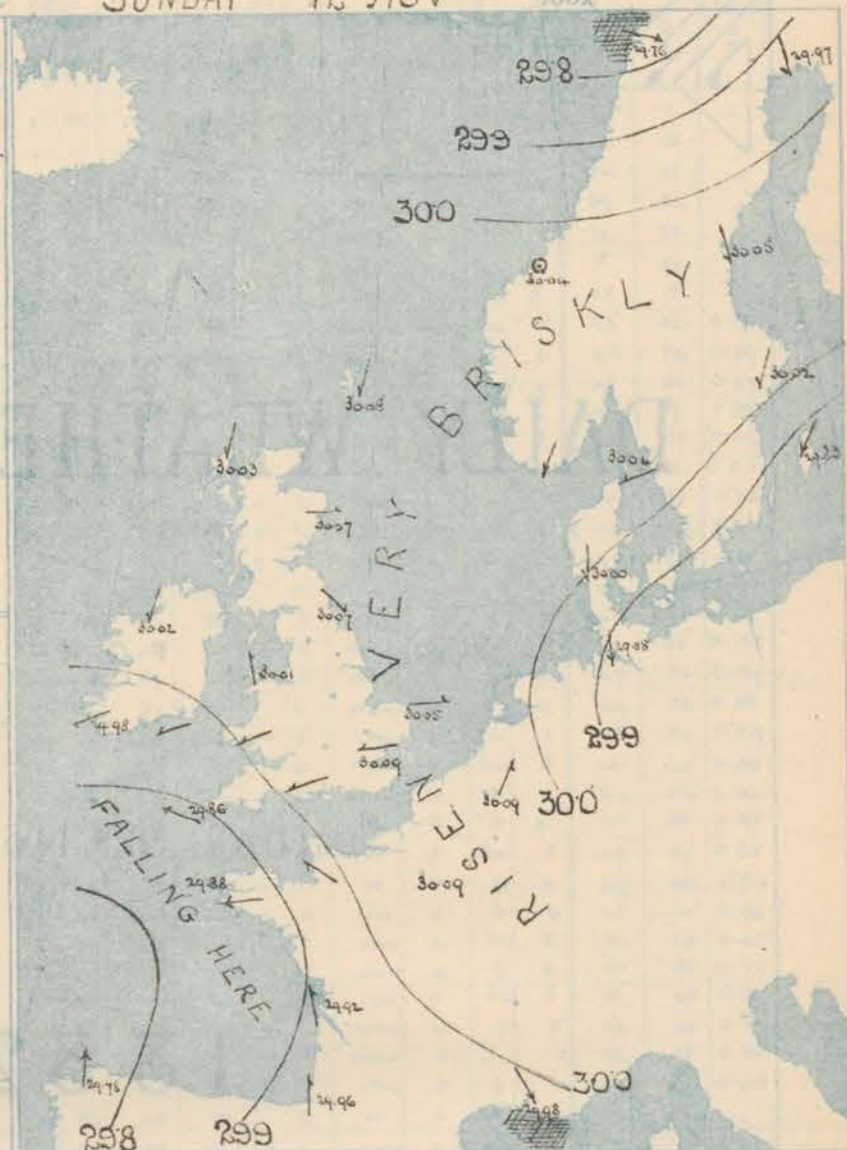
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10
→ forces 5 to 7; → forces 1 to 4.
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of November

Stations.	Mean Readings In.
Nairn	29.822
Aberdeen	29.820
Leith	29.863
Scarborough	29.887
Ardrossan	29.870
Greenock	29.887
Holyhead	29.897
Valencia	29.839
Roche's Pt.	29.873
Plymouth	29.960
LONDON	29.940
Yarmouth	29.910

* 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.

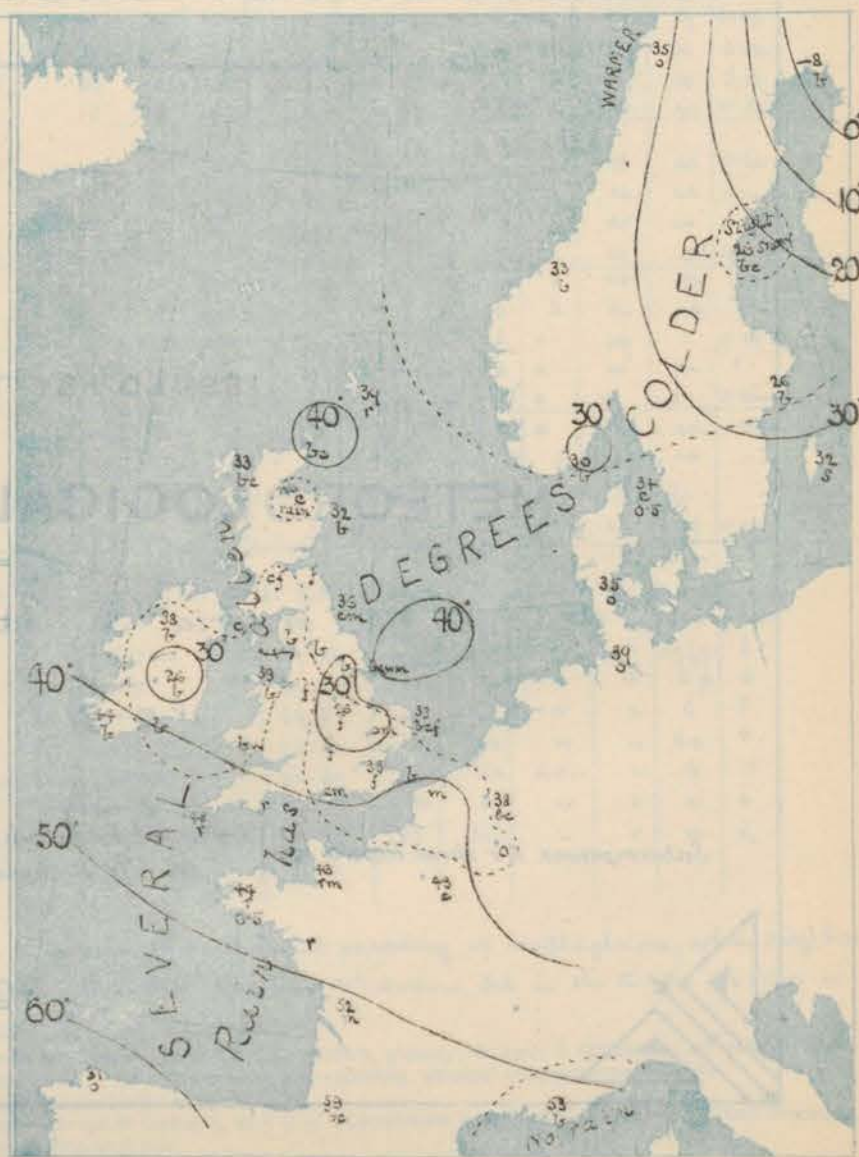
Explanation of Map.

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 November

Stations	Temp.	Rain-fall In.
Sandburgh Head	41.4	2.51
Stornoway	41.8	4.30
Aberdeen	41.5	2.41
Shields	42.0	2.83
York	42.4	2.32
Mullaghmore	43.3	?
Holyhead	44.7	3.08
Parsonstown	43.7	2.45
Valencia	44.8	1.60
Sally (St Mary's)	46.3	4.19
Hurst Castle	44.7	?
Dover	44.2	3.00
LONDON	43.6	1.89
Yarmouth	43.3	3.13

* 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 12th Nov^r 1882 at 8 a.m.

The depression which had reached Denmark yesterday morning has now disappeared over Central Europe and the steady rise of the barometer noticed over our islands has extended to the eastern shores of the North Sea. In the extreme S.W. however, a new fall has set in since last evening. Moderate N^W breezes are reported from Denmark, and light variable airs from all our N. and E. coasts, but in the S.W. there is a light or fresh E⁺ breeze. The weather has become rainy in the S.W. of England and N.W. of France, but is fair, though somewhat foggy, in all other districts. Temperature has fallen several degrees, and now varies from 48° at Scilly to 26° at Loughboro and Carronstown. In London the minimum on the gauge was as low as 20°.

The sea is moderate or slight on all our coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

6 SCOTLAND WEST

2 SCOTLAND EAST

7 ENGLAND N.W.

3 ENGLAND N.E.

8 ENGLAND S.W.

4 ENGLAND EAST

9 IRELAND NORTH

5 MIDLAND COUNTIES

10 IRELAND SOUTH

6 ENGLAND SOUTH

WARNINGS

ISSUED
NONE

ISSUED
NONE

METEOROLOGICAL OBSERVATIONS FOR 12TH NOVEMBER 1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer Reading at 32° F. and Sea Level.	SHADE TEMP.		WIND.	Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.					
			Dir.	Force (0 to 12).			Dry.	Wet.				Max.	Min.						
Haparanda	29.89	1	N	2	b	29.97	—	—	17	N	2	3	2	—					
Hernösand	29.87	28	N	2	o	30.05	—	26	25	N	2	32	25	—					
Stockholm	29.79	29	NNE	6	o	30.02	—	26	23	NNE	2	34	2	—					
Wisby	29.86	34	NE	6	s	29.83	—	32	32	NE	6	39	32	0.04					
Bodö	29.84	24	ENE	2	c	29.76	—	35	35	WNW	5	39	?	—					
Christiansund	29.89	34	ESE	2	bc	30.04	—	33	29	SE	1	36	27	—					
†Skudesnaes																			
Oxö (Xiansund)	29.76	33	NNE	6	c	30.11	—	30	28	NNE	6	36	25	—					
Skagen (The Skew)	29.69	35	ENE	6	r	30.04	—	34	31	ENE	4	39	30	0.51					
Faro	29.63	35	N	6	r	30.00	—	35	34	N	4	37	34	0.12					
Cuxhaven	29.30	2	NNW	8	r	29.58	—	35	39	N	5	43	36	0.14					
†Sumburgh Head	29.85	43	NNE	4	c	30.08	—	35	35	NNE	1	46	38	0.01					
†Stornoway	29.85	40	N	1	b	30.03	—	36	36	NNE	1	52	32	0.02					
Wick	29.77	39	Z	0	bc	30.08	—	41	39	N	1	46	30	0.04					
Nairn	29.90	36	Z	0	b	30.06	—	32	30	Z	0	42	31	—					
†Aberdeen	29.76	41	NW	4	b	30.07	—	32	31	N	1	46	31	0.02					
Leith	29.88	44	N	1	b	30.06	—	31	31	Z	0	50	28	0.02					
†Shields	29.86	42	NW	3	bc	30.07	—	36	35	NNW	1	45	33	0.15					
Spurn Head	29.64	42	NW	4	b	30.04	—	40	37	NW	3	44	39	0.10					
York	29.87	38	WNW	1	b	30.07	—	30	30	N	1	42	29	0.05					
Loughborough	29.89	38	Z	0	b	30.08	—	26	26	Z	0	47	26	—					
†Ardrossan	29.89	42	Z	0	b	30.07	—	35	35	NE	1	46	33	—					
†Mullaghmore	29.92	43	WSW	1	b	30.02	—	38	37	NNE	2	51	36	—					
Donaghadee	29.97	42	WNW	2	c	30.05	—	36	35	SW	1	49	35	0.05					
Parsonstown	29.97	39	E	1	b	30.00	—	26	25	Z	0	48	25	—					
Barrow-in-Furness	29.91	39	NNW	2	b	30.05	—	34	33	NE	2	47	33	—					
†Holyhead	29.91	48	NW	4	c	30.01	—	39	38	SSE	2	49	37	—					
Liverpool (Bidston)	29.90	42	NNW	1	b	30.06	—	31	31	ESE	2	46	31	0.08					
†Valencia	29.96	44	Z	0	c	29.98	—	44	42	ENE	3	54	35	0.02					
Roche's Point	29.95	42	WNW	2	bc	29.97	—	40	38	ENE	3	50	37	—					
Pembroke	29.95	42	N	1	bc	30.00	—	35	37	ENE	1	48	37	—					
†Scilly	29.94	50	WNW	2	c	29.86	—	48	46	ESE	6	51	46	0.02					
Prawle Point	29.97	43	WNW	2	bc	29.97	—	47	47	S	3	52	40	0.02					
Hurst Castle	29.94	44	NNW	2	bc	30.04	—	39	39	ENE	2	50	36	—					
†Dover	29.89	42	N	4	b	30.06	—	40	30	N	3	47	38	—					
†London	29.92	40	NW	3	b	30.09	—	33	31	E	1	43	28	—					
Oxford	29.96	41	NW	1	o	30.05	—	39	30	NW	1	47	30	—					
Cambridge	29.89	40	NW	1	b	30.06	—	28	28	S	1	45	26	—					
†Yarmouth	29.83	43	WNW	3	bc	30.05	—	33	33	N	2	46	31	0.04					
The Helder																			
Cape Gris Nez	29.89	47	NW	5	m	30.08	—	41	41	E	1	50	41	—					
†Jersey	29.97	47	NW	2	c	29.99	—	46	45	SE	2	52	46	0.05					
Brest	29.93	45	E	3	o	29.88	—	44	43	E	5	52	43	0.47					
Lorient	29.96	49	WNW	3	o	29.88	—	48	47	ESE	5	54	45	0.04					
†Rochefort	29.92	52	Z	0	o	29.92	—	52	52	SSE	3	57	46	0.08					
Biarritz	30.04	62	WSW	4	o	29.96	—	59	56	S	3	66	52	—					
Corunna	•	•	•	•	•	29.78	—	61	57	S	7	64	55	0.12					
Brussels	•	•	•	•	•	30.09	—	38	37	SW	1	47	37	0.12					
Charleville	29.89	40	NW	1	b	30.04	—	34	32	NW	1	50	32	—					
Paris	29.97	46	N	4	b	30.09	—	43	41	S	3	•	•	0.04					
Lyons																			
Toulon	29.91	57	WNW	8	b	29.98	—	53	48	NW	7	61	52	—					

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

Hawes Junction	29.64	34	Z	0	c	28.82	—	31	30	—	1	38	27	—					
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudeanaes ...	29.61	41	32	E	4	b	3	Valencia ...	29.94	51	48	NNW	2	c	3
Sumburgh Head	29.73	45	39	NNE	4	c	4	Scilly ...	29.94	51	48	NW	2	o	4
Stornoway ...	29.79	52	48	SSE	1	bc	0	Dover ..	29.77	46	42	WNW	5	b	3
Aberdeen ...	29.75	44	42	NNW	4	b	5	London ...	29.80	47	42	WNW	4	b	•
Shields ...	29.74	45	43	NW	1	cm	3	Yarmouth ...	29.68	42	48	WNW	4	c	4
Ardrossan ...	29.81	48	45	NNW	1	b	1	Jersey ...	29.91	50	47	WNW	3	c	4
Mullaghmore ...	29.87	49	45	WSW	2	b.	3	Rochefort ...	29.91	54	52	N	3	o	2
Holyhead ..	29.83	49	46	NW	5	c	4								

The barometer continues to rise generally, but at Valencia the recovery has slackened since noon. The NW winds are decreasing in strength, and on our NW. coasts variable breezes have set in. The weather continues fair in most places.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. 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. (Christiansia 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, 13TH OCTOBER.

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 13th NOVEMBER 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.

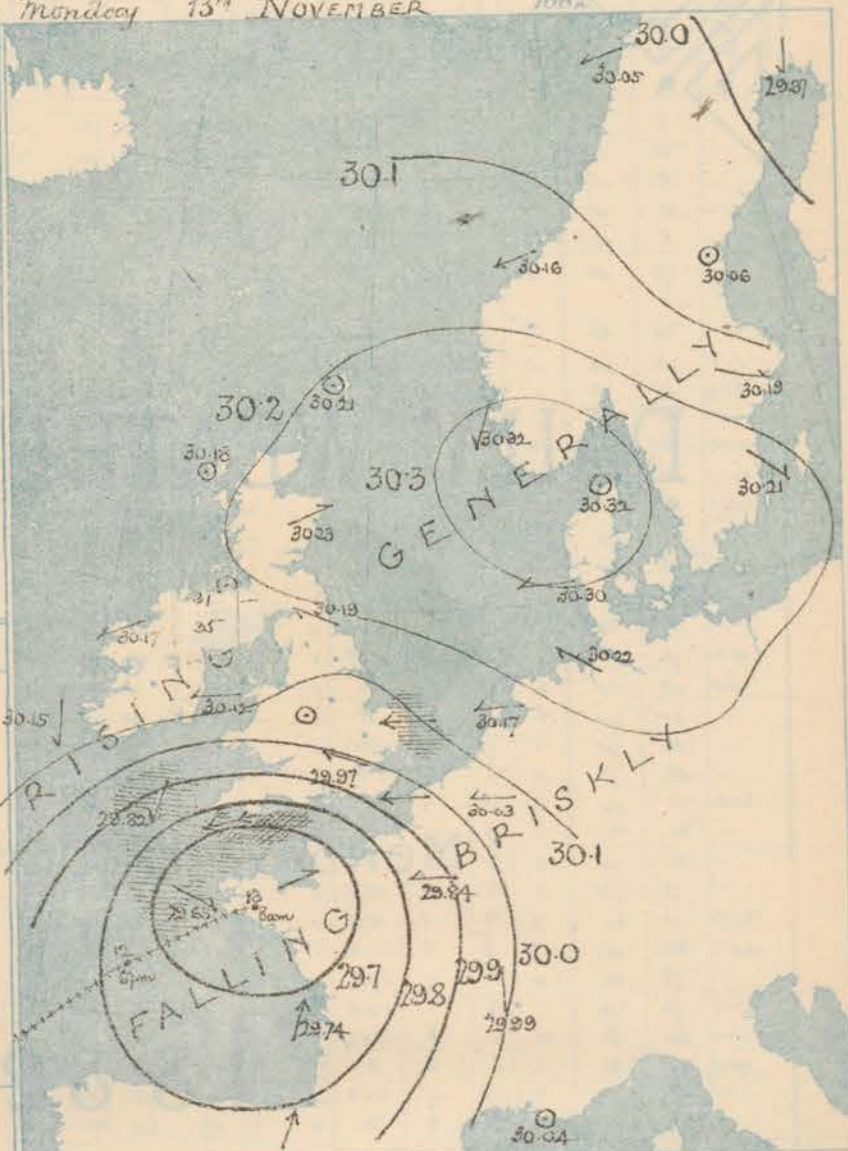
Sea Disturbance, where considerable is shown by shading round the coast, thus  Rough,  High.

MEAN HEIGHT of the BAROMETER

for the month of November

Stations.	Mean Readings.
	In.
Nairn.....	29.822
Aberdeen.....	29.820
Leith.....	29.863
Scarborough.....	29.887
Ardrossan.....	29.879
Greenacastle.....	29.884
Holyhead.....	29.897
Valencia.....	29.939
Roches Pt.....	29.873
Plymouth.....	29.960
LONDON.....	29.940
Yarmouth.....	29.910

* 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.

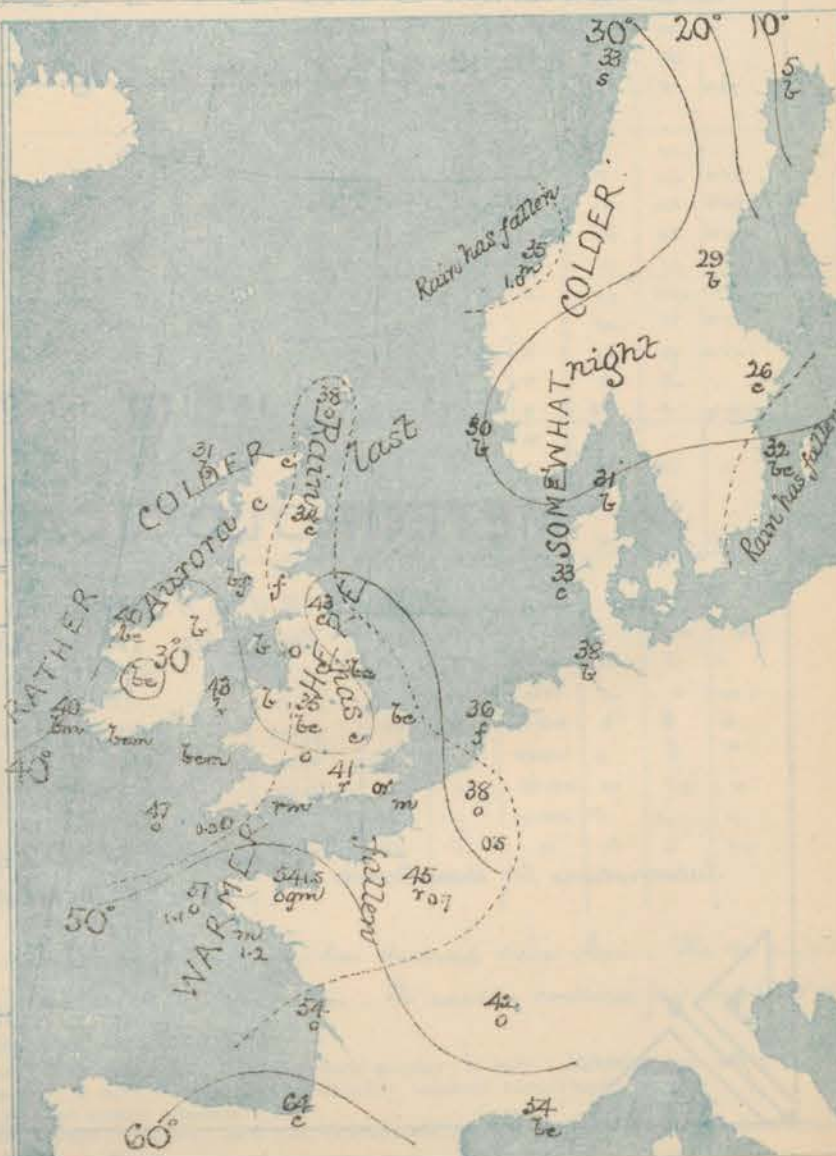
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of November

Stations	Temp.	Rain-fall.
	°	ins.
Sumburgh Head.....	41.4	2.51
Sternoway.....	41.8	4.30
Aberdeen.....	41.5	2.91
Shields.....	42.0	2.83
York.....	42.4	2.32
Mullaghmore.....	43.8	?
Holyhead.....	44.7	8.06
Parsonstown.....	45.7	2.45
Valencia.....	44.8	4.60
Sally (St Mary's).....	46.3	4.19
Horn Castle.....	44.7	?
Dover.....	44.2	3.30
LONDON.....	43.6	1.89
Bournemouth.....	43.3	3.13

* 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.



METEOROLOGICAL OBSERVATIONS FOR

13th Nov^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	29.88	28	S	2	0	29.97	0.00	5	5	+ 1.3	2	2	6	*	28	- 8	-		
Hernösand	30.02	26	N	2	0	30.06	+ 0.1	29	27	+ 3	23	0	6	*	30	23	-		
Stockholm	30.19	27	2	0	6c	30.19	+ 1.7	26	24	+ 0	NW	2	c	*	32	25	-		
Wisby	30.14	33	NE	4	0	30.21	+ 3.8	33	30	+ 1	NW	2	6c	*	36	30	0.08		
Bodö	29.83	36	W	4	6c	30.05	+ 2.9	33	33	- 2	ENE	2	8	1	37	30	-		
Christiansund	30.11	36	WSW	6	0	30.16	+ 1.2	35	32	+ 2	S	6	m	3	39	28	0.94		
†Skudesnaes	30.27	31	2	0	6	30.32		30	28		NNE	2	6	2	39	30	-		
Orö (Xiansund)	30.28	29	N	2	6c	30.36	+ 2.5	24	22	- 6	WSW	2	6	2	36	23	-		
Skagen (The Skaw)	30.26	35	ENE	2	c	30.32	+ 2.8	31	28	- 3	2	0	6	0	36	28	-		
Fanö	30.26	31	N	4	c	30.30	+ 3.0	33	32	- 2	E	4	c	*	37	30	-		
Cuxhaven	30.12	?	NE	2	6c	30.22	+ 3.4	38	37	- 1	ESE	2	6	*	41	36	-		
†Sumburgh Head	30.14	37	ENE	1	6	30.21	+ 1.3	38	37	- 1	2	0	0	1	46	34	0.03		
†Stornoway	30.10	37	WSW	3	6	30.18	+ 1.5	31	31	- 2	2	0	6	0	48	29	-		
Wick	30.08	39	N	1	6c	30.24	+ 1.6	35	34	- 6	NW	1	c	2	44	33	-		
Nairn	30.13	35	2	0	6	30.21	+ 1.5	34	31	+ 2	WSW	1	c	1	37	30	-		
†Aberdeen	30.14	35	2	0	c	30.23	+ 1.6	34	33	+ 2	WSW	1	c	2	45	31	0.08		
Leith	30.14	33	W	1	f	30.19	+ 1.3	37	37	+ 6	W	1	f	*	42	29	-		
†Shields	30.12	44	2	0	6m	30.19	+ 1.2	43	42	+ 7	ESE	4	e	4	46	34	0.07		
Spurn Head	30.07	44	E	1	6	30.10	+ 0.6	45	42	+ 5	E	5	6c	4	47	39	0.05		
York	30.12	39	N	1	6c	30.15	+ 0.8	39	39	+ 9	NE	1	c	*	42	30	0.03		
Loughborough	30.09	33	2	0	6	30.08	0.00	35	35	+ 9	ENE	1	6c	*	42	26	0.01		
†Ardrossan	30.10	39	NE	1	6f	30.20	+ 1.3	35	35	0	ENE	1	6f	1	44	33	-		
†Mullaghmore	30.05	42	ESE	2	6	30.17	+ 1.5	40	39	+ 2	ENE	4	6cm	2	45	37	-		
Donaghadee	30.09	45	SE	2	6c	30.16	+ 1.1	43	41	+ 7	E	4	6	2	47	35	0.11		
Parsonstown	30.04	36	2	0	6	30.15	+ 1.5	29	28	+ 3	NNE	1	6c	*	44	25	-		
Barrow-in-Furness	30.08	43	NE	2	6	30.14	+ 0.9	38	37	+ 4	NE	3	6	2	49	34	-		
†Holyhead	30.04	42	E	1	6	30.12	+ 1.1	43	41	+ 4	E	3	6	2	49	34	-		
Liverpool (Bidston)	30.07	38	ESE	2	m	30.11	+ 0.5	36	35	+ 5	ENE	2	6	2	40	30	-		
†Valencia	29.98	44	NE	4	6	30.15	+ 1.7	40	38	- 4	N	1	6m	2	50	37	-		
Roche's Point	29.94	41	NE	4	6	30.07	+ 1.0	37	35	- 3	NNE	4	6cm	4	43	35	-		
Pembroke	29.93	44	E	3	6c	29.99	- 0.1	40	39	+ 2	NE	3	6cm	1	46	37	-		
†Scilly	29.73	49	E	5	0	29.82	- 0.4	47	44	- 1	NNE	6	0	6	49	46	0.13		
Prawle Point	29.86	47	ESE	7	0	29.78	- 1.9	42	41	- 5	ENE	10	0	8	48	41	0.90		
Hurst Castle	29.98	47	SE	3	0	29.85	- 1.9	42	42	+ 3	E	7	6m	4	49	37	0.33		
†Dover	30.06	47	E	4	6m	29.96	- 1.0	44	42	+ 6	ESE	6	6m	4	47	39	0.06		
†London	30.06	40	E	1	f	29.97	- 1.2	41	40	+ 8	ESE	3	0	*	43	33	0.04		
Oxford	30.05	34	NW	1	f	29.98	- 1.0	39	39	+ 9	ESE	2	0g	*	40	30	-		
Cambridge	30.07	38	8	1	0	30.04	- 0.2	38	38	+ 10	NE	1	c	*	41	27	-		
†Yarmouth	30.08	44	ENE	2	6	30.07	+ 0.2	44	40	+ 11	E	6	6c	5	45	33	0.01		
The Helder	30.15	42	E	1	6	30.17		36	36		E	1	f	1	45	36	-		
Cape Gris Nez	30.06	42	E	3	m	29.99	- 0.9	38	38	- 4	E	5	m	3	50	37	0.20		
†Jersey	29.84	45	ESE	5	0	29.67	- 3.2	34	34	+ 8	WSW	1	0gm	2	54	43	1.47		
Brest	29.70	55	8	5	0	29.65	- 2.3	51	?	+ 7	WNW	4	0	5	54	41	1.14		
Lorient	29.71	55	8W	4	0	29.65	- 2.0	56	55	+ 8	WSW	4	m	5	55	46	1.18		
†Rochefort	29.86	58	8	4	0	29.74	- 1.8	54	54	+ 2	8	4	0	2	61	46	-		
Biarritz	29.92	65	8	3	0	29.78	- 1.8	64	56	+ 5	SW	5	c	2	72	55	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.03	- 0.6	38	36	0	E	1	0	*	47	36	-		
Charleville	30.09	40	W	1	6	30.00	- 0.4	39	37	+ 5	SE	6	0	*	41	28	0.47		
Paris	30.08	48	ESE	3	0	29.84	- 2.5	45	43	+ 2	E	3	0	*	*	*	0.71		
Lyons	30.06	44	WNW	1	6	29.99		42	41		8	1	0	*	51	40	-		
Toulon	29.99	54	NW	8	6	30.04	+ 0.6	54	49	+ 1	ESE	1	6c	1	59	32	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.85	33	E	1	6	28.91	+ 0.9	35	35	+ 4	E	2	0	*	42	29	0.02		

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

Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes						Valencia					
Sumburgh Head						Scilly					
Stornoway						Dover					
Aberdeen						London					*
Shields						Yarmouth					
Ardrossan						Jersey					
Mullaghmore						Rochefort	29.89	60	89	8	2
Holyhead											

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) or overcast; p. passing showers; q. 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, 14TH NOVEMBER.

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 14th NOVEMBER. 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.

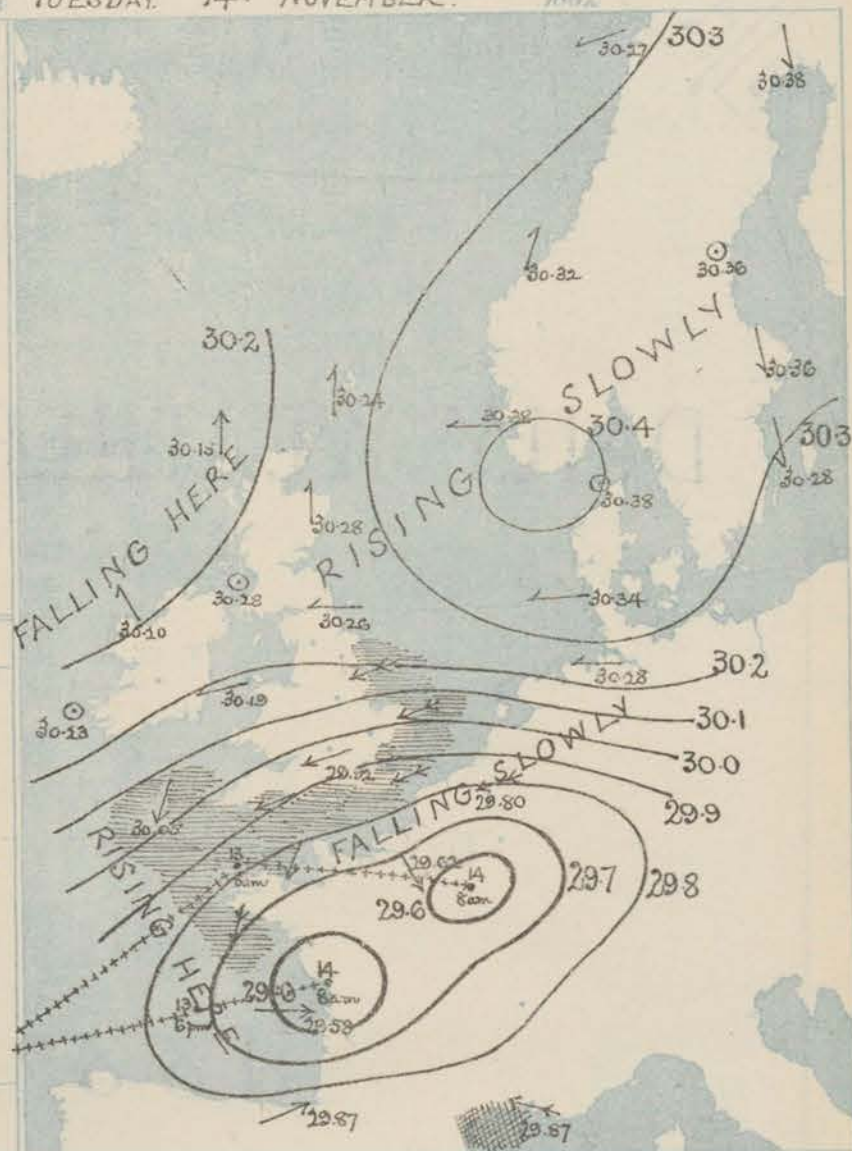
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
— forces above 10; — forces 8 to 10;
— forces 5 to 7; — forces 1 to 4;
○ dead calm.

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

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

Stations.	Mean Readings.
	In.
Nairn	29.822
Aberdeen	29.870
Leith	29.863
Scarborough	29.887
Ardrossan	29.876
Glasgow	29.884
Holyhead	29.897
Valencia	29.900
Rochester	29.873
Plymouth	29.860
LONDON	29.840
Wormouth	29.910

* 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.

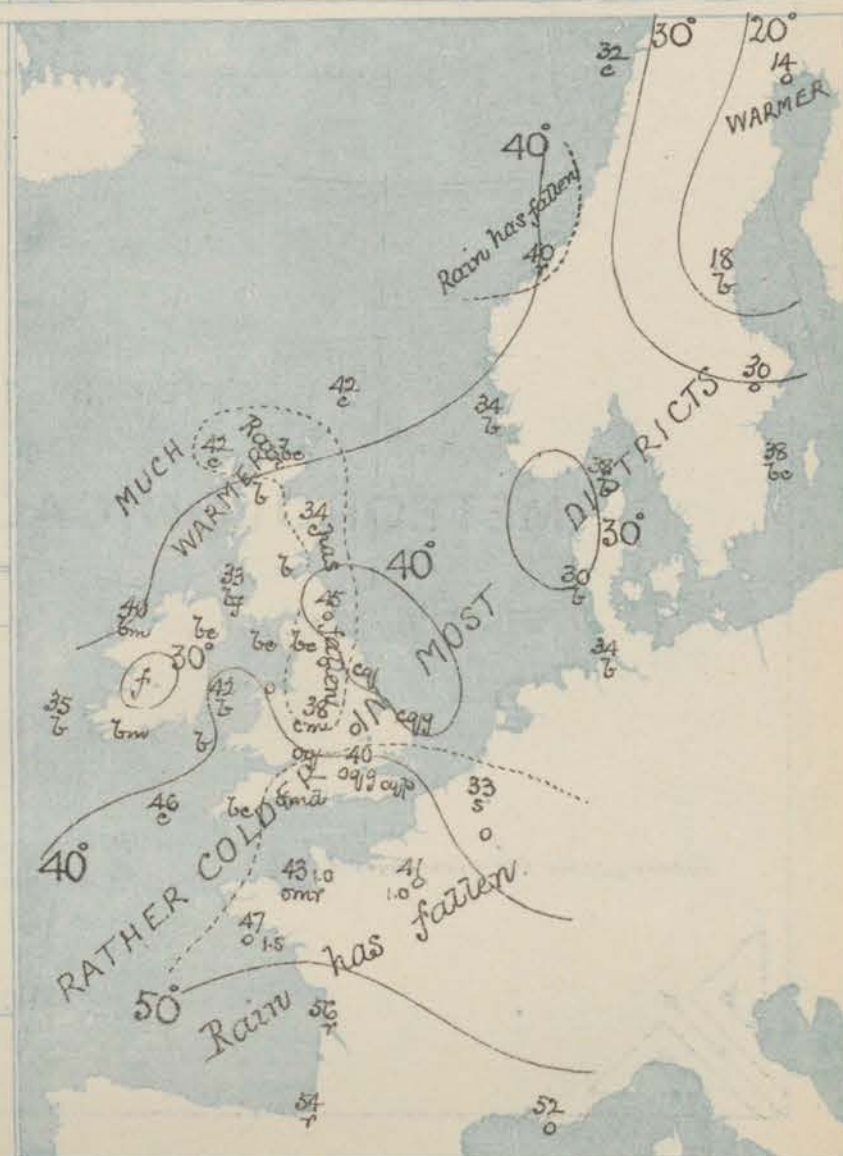
Falls of 0.5 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AND RAINFALL

for the month of November

Stations	Temp.	Rain-fall.
	°	In.
Sunbury Heath	41.4	2.31
Stornoway	41.3	4.30
Aberdeen	41.5	2.81
Shields	42.0	2.83
York	42.4	2.92
Mullingham	43.3	?
Holyhead	44.2	3.08
Portsmouth	43.7	2.45
Valencia	44.8	4.80
Sally (St Mary's)	46.3	1.30
Hurst Castle	44.7	?
Dover	44.2	3.10
LONDON	43.6	1.89
Wormouth	43.3	3.43

* 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 14th Nov^r. 1882 at 8 a.m.

The depression which lay off the NW. of France yesterday has moved in an ESE⁺ direction and is now found over the NE. of that country. In the course of the past night it has been succeeded by a new disturbance, the centre of which at present lies near Rochefort. In consequence of these changes the barometer still falls over France and our SE. coasts, while a separate decrease of pressure is reported from Scotland, but on our W. and NE. coasts the mercury is still rising. NE⁺ winds, strong to a gale, continue on our S and SE. coasts, and in the SW. of France, there is a moderate W⁺ gale, but in Scotland, light or moderate S⁺ breezes have set in. Fine weather prevails in the W. and N. of our Islands, as well as on the E⁺ shores of the North Sea, but in the S. the sky is very cloudy, with rain at Vincy and Hurst Castle. Bright aurora was seen last evening in Ireland and the N. of Scotland. Temperature has fallen slightly, and ranges from 46° at Tully to 26° at Parsonstown. The sea is rough on our south and east coasts, moderate or slight elsewhere.

MAP SHOWING
DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the15th NOVEMBER

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ⁺ winds, moderate or fresh; cloudy, some rain.
2 SCOTLAND EAST	S ⁺ or SE ⁺ winds, moderate; fair generally.
3 ENGLAND N.E.	E ⁺ or SE ⁺ winds, moderate; cloudy, slight rain.
4 ENGLAND EAST	Same as No 5
5 MIDLAND COUNTIES	NE ⁺ to E ⁺ winds, moderate; cloudy, some mist.
6 ENGLAND SOUTH	NE ⁺ to E ⁺ winds, strong, but moderating gradually; cloudy, some cold rain

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as No 1.
7 ENGLAND N.W.	Same as No 4
8 ENGLAND S.W.	Same as No 5.
9 IRELAND NORTH	E ⁺ and SE ⁺ winds, moderate or fresh; fair to cloudy.
10 IRELAND SOUTH	Light variable breezes; fair generally.
WARNINGS	The N. cone still flies in districts 3, 4 and 8, but has been lowered in district 10 this morning.

METEOROLOGICAL OBSERVATIONS FOR

14th Nov^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 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	30.21	12	N	2	0	30.35	+ 41	14	14	+ 9	2	2	0	*	14	- 15	-		
Hernösand	30.27	15	Z	0	0	30.36	+ 30	18	18	- 11	2	0	0	*	17	?	-		
Stockholm	30.26	17	WNW	2	0	30.36	+ 17	30	28	+ 4	2	2	0	*	30	23	-		
Wisby	30.27	32	N	0	0	30.28	+ 07	33	33	+ 5	2	14	0	*	39	30	-		
Bodö	30.20	32	E	2	m	30.27	+ 22	32	31	- 1	ENE	2	0	1	34	30	-		
Christiansund	30.28	37	SE	2	0	30.32	+ 16	40	39	+ 5	SW	3	0	3	?	34	0.20		
†Skudesnaes	30.37	30	Z	0	0	30.38	+ 06	34	30	+ 4	E	2	0	2	?	30	-		
Oxö (Klonsund)	30.37	17	NNW	2	0	30.45	+ 04	27	26	+ 3	NNW	2	0	1	32	?	-		
Skagen (The Skaw)	30.38	32	WNW	2	0	30.38	+ 06	38	38	+ 7	Z	0	0	0	?	28	-		
Fanö	30.38	30	E	3	0	30.34	+ 04	30	30	- 3	E	3	0	*	37	28	-		
Cuxhaven	30.25	40	E	3	0	30.28	+ 06	34	32	- 4	E	4	0	*	37	32	-		
†Sumburgh Head	30.27	40	Z	0	0	30.24	+ 03	42	38	+ 4	E	3	0	3	44	37	0.02		
†Stornoway	30.24	41	WSW	4	0	30.15	+ 03	42	39	+ 11	S	6	0	5	47	33	0.01		
Wick	30.28	40	Z	0	0	30.25	+ 01	41	38	+ 6	SSW	3	0	2	47	34	-		
Nairn	30.28	31	WSW	1	0	30.26	+ 05	30	30	- 4	Z	0	0	1	36	27	-		
†Aberdeen	30.29	37	Z	0	0	30.28	+ 05	34	32	0	S	2	0	1	42	29	0.02		
Leith	30.29	40	Z	0	0	30.28	+ 09	36	34	- 1	S	1	0	0	42	33	-		
†Shields	30.25	43	E	2	0	30.26	+ 07	45	40	+ 2	E	3	0	4	45	39	0.04		
Spurn Head	30.11	44	ENE	6	0	30.12	+ 02	44	40	- 1	ENE	8	0	6	46	41	-		
York	30.19	42	SE	1	0	30.20	+ 05	42	38	+ 3	E	1	0	*	49	35	0.04		
Loughborough	30.10	38	ENE	3	0	30.11	+ 03	38	35	+ 3	NE	2	0	*	47	35	0.01		
†Ardrossan	30.26	40	NE	1	0	30.28	+ 08	33	32	- 2	ENE	1	0	1	43	30	-		
†Mullaghmore	30.23	40	E	1	0	30.20	+ 03	40	38	0	SE	2	0	2	45	38	-		
Donaghadee	30.26	44	NE	3	0	30.25	+ 09	43	40	0	E	4	0	2	46	41	-		
Parsonstown	30.24	36	Z	0	0	30.26	+ 11	26	25	- 3	NNW	1	0	*	44	25	-		
Barrow-in-Furness	30.19	39	NE	3	0	30.21	+ 07	37	36	+ 1	NNW	3	0	2	46	37	-		
†Holyhead	30.16	45	ENE	4	0	30.19	+ 07	42	40	- 1	ENE	4	0	3	46	41	-		
Liverpool (Bidston)	30.16	39	NE	2	0	30.18	+ 07	38	36	+ 2	NE	2	0	2	45	35	-		
†Valencia	30.22	41	ENE	1	0	30.23	+ 08	35	34	- 5	Z	0	0	1	48	31	-		
Roche's Point	30.14	41	NNW	4	0	30.20	+ 13	37	35	0	N	3	0	4	47	34	-		
Pembroke	30.07	42	E	2	0	30.12	+ 13	39	37	- 1	ENE	2	0	0	46	37	-		
†Scilly	29.94	48	NE	7	0	30.05	+ 23	46	45	- 1	NNW	6	0	5	49	44	-		
Prawle Point	29.88	43	NE	3	0	29.97	+ 19	37	35	- 5	NE	6	0	6	45	35	-		
Hurst Castle	29.89	44	E	7	0	29.89	+ 04	41	40	- 1	ENE	6	0	5	47	40	-		
†Dover	29.90	45	E	7	0	29.83	- 13	41	39	- 3	ENE	8	0	6	45	40	0.18		
†London	29.97	41	ENE	5	0	29.92	- 08	40	37	+ 1	ENE	7	0	*	46	40	0.02		
Oxford	30.03	38	NE	5	0	30.01	+ 03	38	36	- 1	NE	6	0	*	45	37	-		
Cambridge	30.08	40	NE	2	0	30.01	- 03	39	36	+ 1	NE	2	0	*	46	35	-		
†Yarmouth	30.02	44	ENE	7	0	29.99	- 08	40	38	- 4	ENE	9	0	6	45	39	-		
The Helder																			
Capo Gris Nez																			
†Jersey	29.71	45	ENE	6	Am	29.80	+ 13	43	43	- 11	NE	7	0	5	54	43	1.00		
Brest																			
Lorient	29.60	55	NE	5	0	29.77	+ 12	47	45	- 9	NNW	8	0	5	57	43	0.51		
†Rochefort	29.63	56	SSW	5	0	29.58	- 16	56	56	+ 2	W	7	0	2	56	48	0.24		
Biarritz	29.77	67	S	7	0	29.87	+ 09	54	51	- 10	WSW	7	0	5	72	50	0.28		
Cornwall																			
Brussels																			
Charleville	29.81	38	E	4	0	29.71	- 29	39	35	0	E	4	0	*	41	34	?		
Paris	29.73	49	SSW	3	0	29.62	- 22	41	40	- 4	NNW	5	0	*	*	*	0.95		
Lyon																			
Toulon	29.99	54	SE	7	0	29.87	- 17	52	51	- 2	SE	8	0	7	61	52	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	30.44	35	NE	3	0	30.45	+ 04	36	34	- 1	NE	3	0	0	39	33	0.08		

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	30.35	30	28	NNW	1	0	Valencia	30.17	46	44	ENE	2	0
Sumburgh Head	30.25	42	39	S	2	0	Scilly	29.89	48	44	NE	7	0
Stornoway	30.23	47	44	S	4	0	Dover	29.91	45	43	E	7	0
Aberdeen	30.28	41	39	Z	0	0	London	29.95	46	42	E	5	0
Shields	30.21	45	41	E	0	0	Yarmouth	30.06	44	40	ENE	6	0
Ardrossan	30.23	42	41	NE	1	0	Jersey	29.69	48	48	NE	4	0
Mullaghmore	30.23	43	41	ENE	2	0	Rochefort	29.71	64	60	S	4	0
Holyhead	30.14	46	43	ENE	4	0							

The depression which lay over the Nth part of Britain this morning is travelling Eth up the Channel, so that while the barometer is rising on our Sth coast it is falling in the SE. The wind has increased to a moderate gale from E. at Dover and remains strong from ENE. at Yarmouth.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); 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 3 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

WEDNESDAY, 15TH NOVEMBER,

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 15th NOVEMBER 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.

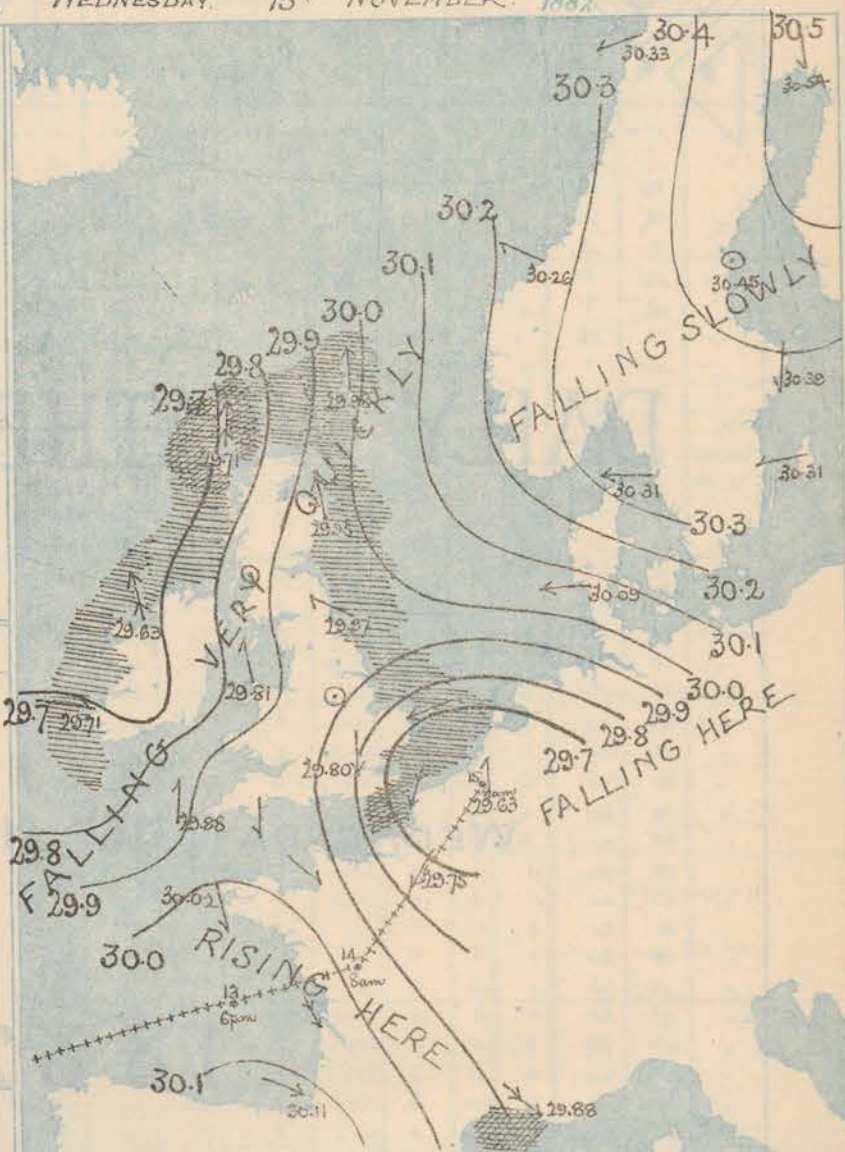
Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force; thus:
→ forces above 10; → forces 8 to 10
→ forces 5 to 7; → forces 1 to 4.
○ - dead calm.

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

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

Stations.	Mean Readings. ins.
Nairn	29.822
Aberdeen	29.830
Leith	29.863
Scarborough	29.867
Androsan	29.676
Greenacastle	29.684
Holyhead	29.897
Valencia	29.930
Roche's Pt.	29.873
Plymouth	29.960
LONDON	29.940
Yarmouth	29.910

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



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map

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

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

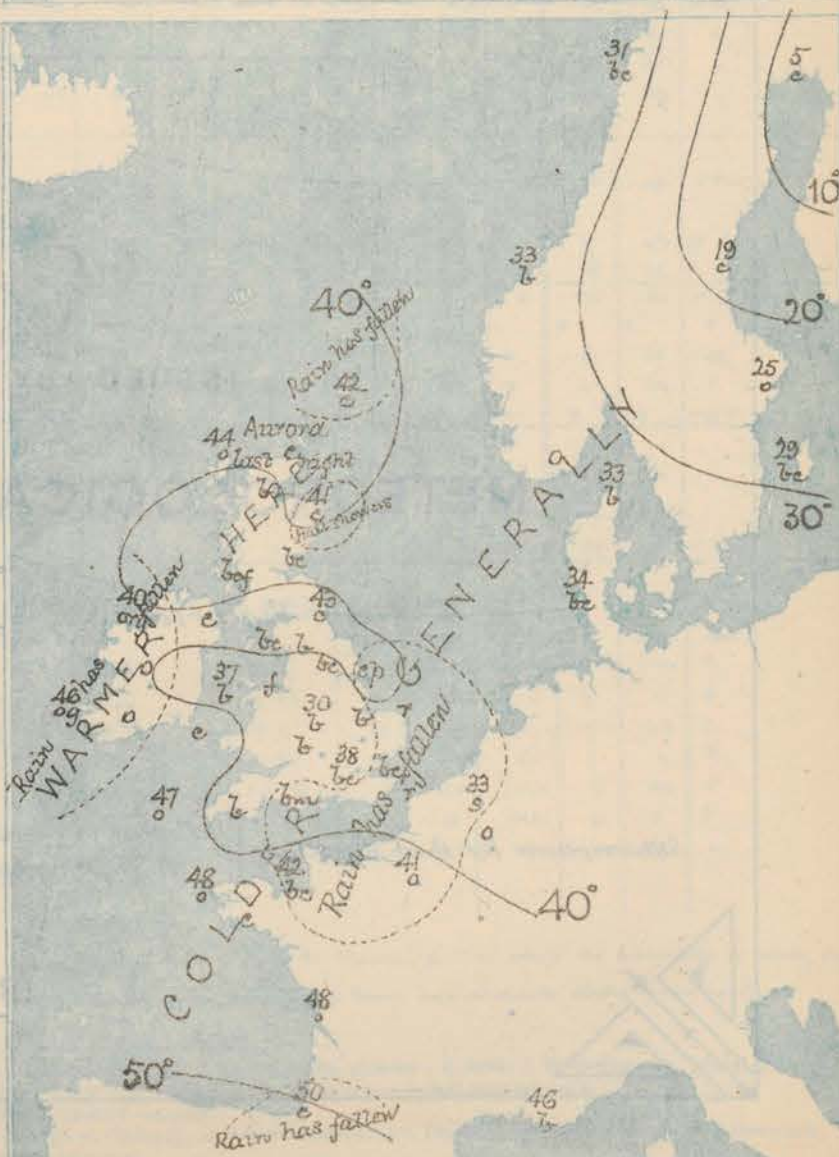
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

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

Stations	Temp	Rain-fall ins.
Sumburgh Head	41.4	2.51
Sornsway	41.8	4.30
Aberdeen	41.5	2.91
Shields	42.0	2.33
Birk	42.4	2.33
Malleghmore	42.3	?
Holyhead	42.7	3.06
Parvinstown	43.7	2.45
Valencia	44.8	4.80
Sally (St Mary's)	46.3	4.19
Hurst Castle	44.7	?
Dover	44.2	3.90
LONDON	43.6	1.50
Yarmouth	43.3	3.13

* 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 Wednesday 15th Nov^r 1882 at 8 a.m.

The depressions which lay over France yesterday are now found over the Netherlands, while a new series of disturbances is apparently travelling along our western and north-western coast. The barometer is consequently falling over our Islands generally, but is rising steadily in the H. of France. The gales in the SE. are subsiding, but the wind there is still strong from NE. and N. On all our western and northern coasts, however, S^{ly} breezes have set in, and at Stornoway and Mullaghmore they blow with the force of a gale. A fresh or strong gale from SE. or S. was experienced last night in Ireland and the N. of Scotland. Showers are falling over the E. coast of England, but with this exception the weather is fine at all but our western stations, where the sky is overcast. Bright aurora was again seen in the N. of Scotland last evening. Temperature has risen quickly in the S. of Ireland, and less rapidly in Scotland, but has fallen at most of the English stations; readings range from 49° at Roches Point to 30° at Loughboro'. The maxima yesterday were low generally; in the neighbourhood of London the thermometer did not exceed 41°. The sea is high at Stornoway and Dover, rough on our eastern and many parts of our western coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the16th NOVEMBER.

[ISSUED AT 11 a.m. on previous day.]

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	S ^{ly} and SE ^{ly} winds, strong to a gale; cloudy, some cold rain or sleet.
1	SCOTLAND EAST	— D ^{ly} — D ^{ly} — D ^{ly} —
2	ENGLAND N.E.	E ^{ly} and SE ^{ly} winds, freshening; cloudy, some rain.
3	ENGLAND EAST	Same as N ^o 5.
4	MIDLAND COUNTIES	Variable breezes; fine to cloudy and unsettled.
5	ENGLAND SOUTH	N ^{ly} and NE ^{ly} winds, gradually subsiding, unsettled, some cold showers.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	Same as N ^o 2.
7	ENGLAND N.W.	Same as N ^o 2.
8	ENGLAND S.W.	S ^{ly} to variable winds, cloudy, some rain.
9	IRELAND NORTH	Same as N ^o 0 and 1.
10	IRELAND SOUTH	Same as N ^o 8.
WARNINGS		South Cone was hoisted last evening in districts 2, 3, 5, and 7 to 10., and this morning in districts 0, 1 and 6.

METEOROLOGICAL OBSERVATIONS FOR

15th Nov^r

1882

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda	30.48	5	N	2	b	30.54	+ 16	5	5	- 9	N	2	c	*	16	5	-			
Hernösand	30.47	17	Z	0	b	30.45	+ .09	19	18	+ 1	Z	0	c	*	27	16	-			
Stockholm	30.43	28	N	4	o	30.39	+ .03	25	24	- 5	NNE	2	o	*	32	23	-			
Wisby	30.32	31	E	4	b	30.81	+ .03	29	28	- 9	E	2	bc	*	39	?	0.12			
Bodö	30.33	30	E	2	b	30.33	+ .06	31	30	- 1	ENE	4	bc	*	38	28	-			
Christiansund	30.33	26	ENE	2	b	30.26	- .06	33	31	- 7	ENE	3	b	*	41	30	-			
†Skudesnaes																				
Oxö (Xtiansund)	30.41	34	NE	4	bc	30.28	- 17	33	32	+ 6	NE	6	o	*	35	?	-			
Skagen (The Skaw)	30.39	33	E	4	b	30.31	- .07	33	31	- 5	E	5	b	*	?	28	-			
Fanö	30.26	30	E	3	b	30.09	- 25	34	33	+ 4	E	5	bc	*	37	28	-			
Cuxhaven																				
†Sumburgh Head	30.18	43	S	4	c	29.98	- 26	42	37	0	S	5	c	*	45	37	0.02			
†Stornoway	30.04	44	S	8	o	29.71	- 44	44	39	+ 2	S	9	o	*	44	41	-			
Wick	30.19	44	S	3	bc	29.89	- 36	43	39	+ 2	S	6	c	*	43	37	-			
Nairn	30.14	32	Z	0	b	29.88	- 38	34	31	+ 4	Z	0	b	*	40	29	-			
†Aberdeen	30.22	42	S	2	o	29.95	- 33	41	38	+ 7	SSE	5	c	*	44	33	0.03			
Leith	30.20	38	Z	0	b	29.95	- 33	35	33	- 1	S	2	bc	*	44	28	-			
†Shields	30.20	45	ESE	4	c	29.97	- 29	43	40	- 2	ESE	4	c	*	45	40	-			
Spurn Head	30.05	44	ENE	7	bc	29.88	- 24	44	41	0	ENE	6	cp	*	44	42	-			
York	30.15	39	E	1	b	29.94	- 26	38	33	- 9	N	1	bc	*	45	30	-			
Loughborough	30.06	37	NNE	3	b	29.91	- 20	30	30	- 8	Z	0	bm	*	44	30	-			
†Ardrossan	30.18	38	ENE	1	cm	29.88	- 40	35	35	+ 2	ENE	1	bcf	*	43	31	-			
†Mullaghmore	30.09	43	SSE	5	ogm	29.63	- 57	40	39	0	SSE	8	omh	*	45	36	0.01			
Donaghadee	30.16	44	SE	4	c	29.84	- 41	43	39	0	S	5	c	*	46	41	-			
Parsonstown	30.15	30	Z	0	f	29.71	- 55	40	38	+ 14	SE	4	o	*	44	25	0.04			
Barrow-in-Furness	30.16	38	NNE	2	b	29.91	- 30	34	33	- 3	NE	2	bc	*	48	34	-			
†Holyhead	30.12	40	ENE	2	b	29.81	- 38	37	36	- 5	SSE	2	b	*	45	33	-			
Liverpool (Bidston)	30.12	37	ENE	2	b	29.91	- 27	33	32	- 5	ESE	2	f	*	43	33	-			
†Valencia	30.08	46	SE	4	ogm	29.71	- 52	46	45	+ 11	W	2	og	*	50	34	0.51			
Roche's Point	30.09	40	W	3	c	29.70	- 50	48	47	+ 11	WSW	4	o	*	49	35	0.36			
Pembroke	30.08	41	NE	3	b	29.90	- 22	43	40	+ 4	SSE	3	c	*	48	36	-			
†Scilly	30.05	46	NNE	5	c	29.88	- 17	47	46	+ 1	S	3	o	*	47	43	-			
Prawle Point	29.98	37	NNE	5	bc	29.96	- 01	33	32	- 4	N	2	b	*	43	31	-			
Hurst Castle	29.91	37	NE	5	bc	29.88	- 01	34	33	- 7	N	3	bm	*	44	32	0.06			
†Dover	29.78	39	ENE	7	ogm	29.64	- 19	38	37	- 3	ENE	5	bcp	*	41	33	0.36			
†London	29.90	39	NE	4	bc	29.80	- 12	38	35	- 2	N	5	bc	*	41	37	-			
Oxford	29.98	35	NE	4	b	29.88	- 13	34	33	- 4	NW	3	b	*	41	33	-			
Cambridge	29.95	38	NE	2	b	29.82	- 19	37	36	- 2	N	1	bc	*	41	33	-			
†Yarmouth	29.89	42	E	3	cu	29.71	- 28	38	37	- 2	ENE	7	n	*	45	36	0.14			
The Helder																				
Cape Gris Nez	29.75	35	ENE	8	S	29.67	- 24	40	40	- 4	NE	8	n	*	?	34	0.16			
†Jersey	29.67	41	NNE	7	mo	29.92	+ 12	42	39	- 1	NW	3	bc	*	44	40	0.13			
Brest	29.99	44	NNE	5	o	30.02	+ 12	43	43	- 1	NNW	4	o	*	55	43	-			
Lorient	29.89	44	N	8	c	29.97	+ 20	45	41	- 2	NNW	4	c	*	55	41	-			
†Rocheport	29.80	49	NNW	8	o	29.96	+ 38	48	44	- 8	NNW	8	o	*	61	41	0.08			
Biarritz	29.96	54	W	7	o	30.11	+ 24	50	46	- 4	NNW	7	c	*	66	45	0.20			
Corunna	*	*	*	*	*			*	*				*	*	*	*	*			
Brussels	*	*	*	*	*	29.63	+ 17	33	33	0	S	1	S	*	34	33	-			
Charleville	*	*	*	*	*	29.67	- 04	33	31	- 6	ESE	4	o	*	39	30	-			
Paris	29.69	38	NNW	4	o	29.75	+ 13	41	40	0	NE	5	o	*	*	*	0.04			
Lyons																				
Toulon	29.86	53	SE	7	o	29.88	+ 01	46	40	- 6	NW	8	b	*	54	45	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.00	34	NE	3	b	28.67	- 28	26	25	- 10	Z	0	b	*	39	28	-			

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

Hawes Junction	28.90	34	NE	3	b	28.64	- 28	26	25	- 10	Z	0	b	*	39	28	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudeanaes ...	30.38	41	36	SSE	2	0	2	Valencia ...	30.15	47	43	SSE	3	bcv	4
Sumburgh Head	30.20	44	40	S	4	0	4	Scilly ...	30.04	46	43	NNE	5	c	5
Stornoway ...	30.09	44	40	S	7	0	6	Dover ..	29.79	40	38	ENE	7	on	5
Aberdeen ...	30.24	44	39	S	3	c	2	London ...	29.90	41	37	NE	6	og	*
Shields ...	30.20	45	40	ESE	5	c	4	Yarmouth ...	29.93	42	38	ENE	8	cg	6
Ardrossan ...	30.21	43	42	E	2	b	1	Jersey ...	29.81	42	41	NNE	6	n	5
Mullaghmore ...	30.13	45	40	S	4	0	2	Rocheport ...	29.72	49	47	NNW	7	0	3
Holyhead ...	30.15	45	41	ENE	4	c	3								

The depression over France are moving away End and the barometer is rising at Rocheport. In our islands, however, a slight fall is taking place. The E^{ly} gales in the SE. are subsiding slowly, but the S^{ly} wind at Stornoway has increased, while a SSE breeze has set in 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. 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

F O R

THURSDAY, 16TH NOVEMBER.

1882


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

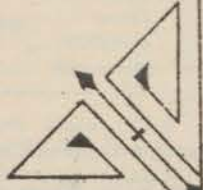
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Thursday, 16th NOVEMBER, 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 5 to 10;

→ forces 3 to 7; → forces 1 to 3.

○ = dead calm.

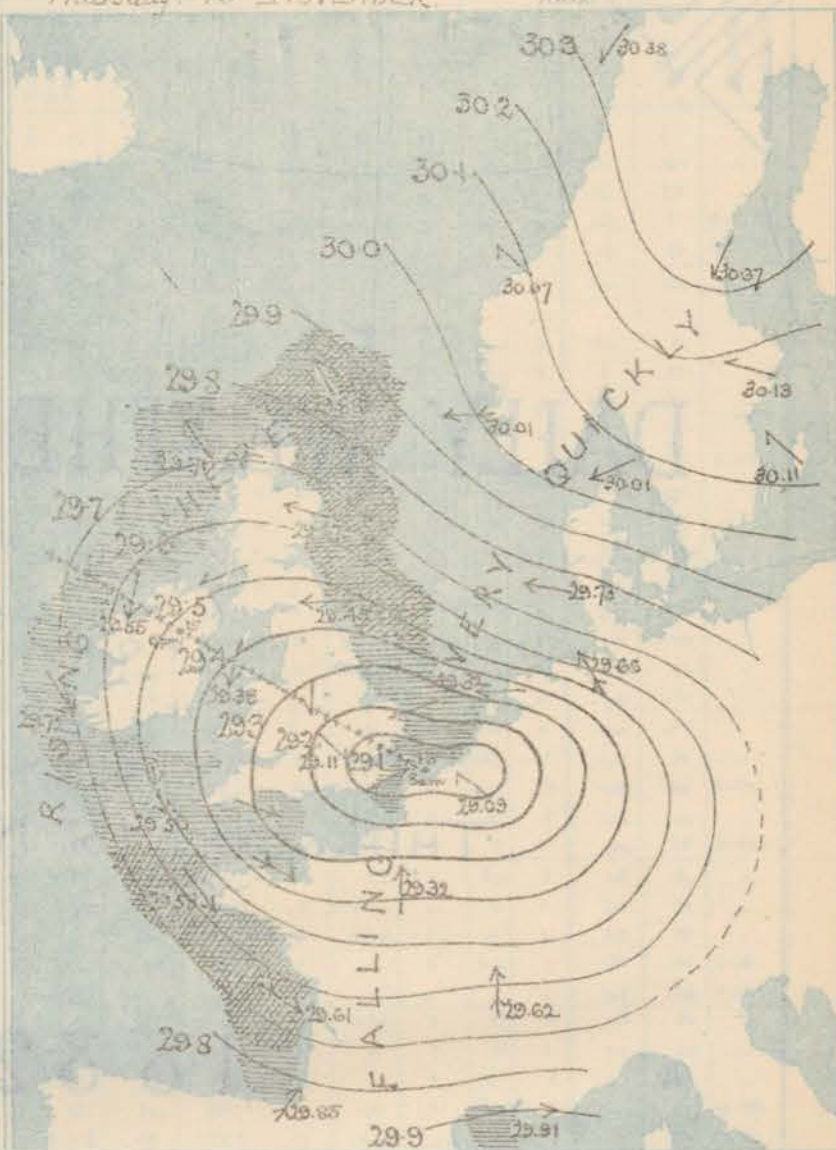
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN^h HEIGHT of the BAROMETER

for the month of November.

Stations.	Mean Readings.
	In.
Nairn	29.872
Aberdeen	29.870
Leith	29.863
Scarborough	29.867
Ardrossan	29.879
Greenock	29.884
Holyhead	29.897
Valencia	29.939
Roche's Pt.	29.873
Plymouth	29.960
LONDON	29.940
Yarmouth	29.910

* 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.

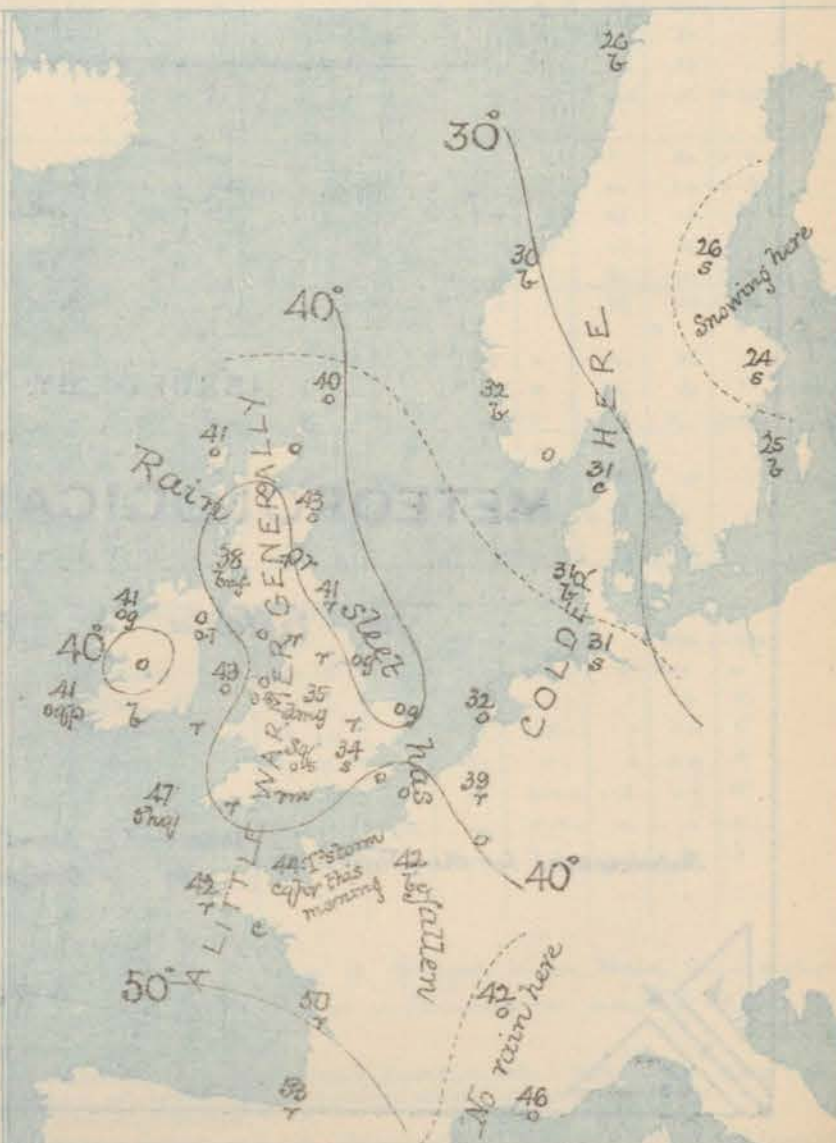
MEANS^h OF TEMPERATURE

AND RAINFALL

for the month of November

Stations	Temp.	Rain-fall.
	°	In.
Sandburgh Head	41.4	2.31
Swiney	41.4	4.30
Aberdeen	41.5	2.31
Shields	42.0	2.33
York	42.4	2.32
Mullaghmore	42.3	?
Holyhead	44.7	3.08
Portsmouth	43.7	2.85
Valman	44.8	4.30
Sally (St. Mary's)	46.3	4.19
Hurst Castle	44.7	?
Dover	44.2	3.00
LONDON	43.6	1.89
Yarmouth	41.7	3.74

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



REMARKS

for Thursday 16th Nov^r. 1882 at 8 a.m.

The depression which lay off our SE. coast yesterday has entirely dispersed, while that which was approaching our W. coast has crossed the country in a SE^l direction, and now lies between the English and Dutch coasts. The barometer is consequently falling in all but our W^m districts, where a recovery has set in. SE^l winds, strong to a gale, are reported from the N. and E. of Scotland, but in other localities the wind circulates round the centre of the depression, being E^s on our NE. coasts, NE^l in the NW., NW^l in the SW., and W^s or S^s at the French stations. In many places the wind blows strongly, and in the Bay of Biscay and W. half of the Channel there is a fresh or strong gale. The weather is cloudy generally, with rain at several stations, hail at Scilly and Jersey and snow at Oxford and in London. Rain or sleet fell in most places yesterday; at Donaghadee the amount was as much as 0.7 in: and at Liverpool 0.8 in: . Thunder and lightning occurred at Jersey this morning. Temperature has risen in the E., fallen in the W., and ranges from 47° at Scilly to 33° at Oxford. The sea is rough or high on nearly all coasts, and very high at Aberdeen and Shields.

MAP SHOWING
DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the17th NOVEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SE ^l and E ^l winds, strong to a gale; cloudy to fair.
2 SCOTLAND EAST	-----D ^l -----D ^l -----D ^l -----
3 ENGLAND N.E.	E ^l winds, strong; cloudy, some rain.
4 ENGLAND EAST	Same as No 5
5 MIDLAND COUNTIES	Same as No 5
6 ENGLAND SOUTH	NE ^l or N ^l winds, fresh or strong, cloudy and rainy to fair.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	E ^l or NE ^l winds, moderate or fresh fair generally.
7 ENGLAND N.W.	NE ^l or N ^l winds, moderate and fresh; fair generally.
8 ENGLAND S.W.	NW ^l and N ^l winds, fresh and strong; unsettled, some showers.
9 IRELAND NORTH	Same as No 7.
10 IRELAND SOUTH	Same as No 8.
WARNINGS	The South cone has been lowered in districts 5 to 10, and has been replaced by the N. cone in dist ^s 0 to 3.

METEOROLOGICAL OBSERVATIONS FOR

16th Nov^r

1882

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda																			
Hernösand	30.45	26	NE	4	0	30.37	- 08	26	26	+ 7	NE	4	3	*	28	12	0.08		
Stockholm	30.24	28	NE	6	0	30.13	- 26	24	24	- 1	ESE	2	9	*	30	23	-		
Wisby	30.17	29	E	2	0	30.11	- 20	25	23	- 4	SE	2	8	*	34	7	-		
Bodö	30.33	32	E	2	6	30.38	+ 05	26	23	- 5	ESE	4	8	2	32	24	-		
Christiansund	30.12	33	SE	3	6	30.07	- 19	20	26	- 3	SE	2	8	4	36	27	-		
†Skudesnaes	30.11	35	ESE	6	0	30.01	- 32	32	27	- 5	E	8	6	4	37	?	-		
Oxö (Christiansund)	30.12	36	ESE	8	0	30.01	- 27	32	31	- 1	ESE	8	0	5	36	28	-		
Skagen (The Skaw)	30.13	32	ESE	5	6c	30.01	- 30	31	28	- 2	ESE	5	0	4	43	28	-		
Fanö	29.88	34	SE	6	6	29.73	- 36	31	30	- 3	ESE	6	6	*	37	30	-		
Cuxhaven	29.84	?	E	7	6c	29.66	- 29	31	31	+ 4	SE	8	2	*	34	28	-		
†Sumburgh Head	29.83	42	NE	6	0	29.88	- 10	40	36	- 2	SE	6	0	7	44	38	0.05		
†Stornoway	29.53	40	SSE	7	09	29.71	- 00	41	38	- 3	ESE	5	0	5	44	36	0.09		
Wick	29.68	42	S	9	2	29.68	- 21	42	40	- 1	SE	9	0	7	44	40	0.26		
Nairn	29.61	37	ESE	1	0	29.68	- 20	37	36	+ 3	ESE	2	0	2	42	33	-		
†Aberdeen	29.67	43	SSE	7	0	29.67	- 28	43	38	+ 2	ESE	7	0	8	44	39	0.14		
Leith	29.61	38	E	5	0	29.51	- 44	40	38	+ 5	E	6	2	*	43	33	0.06		
†Shields	29.62	43	SE	7	0	29.45	- 52	41	40	- 2	E	7	2	8	45	37	0.11		
Spurn Head	29.57	41	ESE	4	0	29.27	- 61	42	40	- 2	ESE	6	09	6	44	38	0.10		
York	29.60	38	Z	0	0	29.36	- 58	39	38	+ 6	ESE	2	2	*	44	32	0.05		
Loughborough	29.59	34	Z	0	0	29.28	- 63	35	35	+ 5	N	3	dmg	*	45	30	0.09		
†Ardrossan	29.53	40	E	3	0f	29.51	- 37	38	38	+ 3	NE	3	bcf	2	42	33	-		
†Mullaghmore	29.39	30	N	4	09	29.55	- 08	41	39	+ 1	ENE	5	09	5	45	38	0.37		
Donaghadee	29.46	40	SSE	7	2	29.46	- 38	43	41	0	E	5	0	3	45	37	0.70		
Parsonstown	29.44	37	SW	1	6	29.55	- 16	35	34	- 5	WNW	2	0	*	46	33	0.12		
Barrow-in-Furness	29.33	40	ENE	5	0	29.35	- 56	39	37	+ 5	NE	2	0	3	43	34	0.05		
†Holyhead	29.42	38	SSW	4	13	29.38	- 43	43	43	+ 6	ENE	5	0	2	43	36	0.28		
Liverpool (Bidston)	29.51	39	ESE	3	0	29.36	- 55	37	36	+ 4	ENE	2	0	2	41	33	0.75		
†Valencia	29.55	43	WNW	5	qcp	29.72	+ 01	41	40	- 5	NW	5	09p	5	50	40	0.22		
Roche's Point	29.48	43	WNW	4	bc	29.59	- 11	42	40	- 6	NW	4	6	4	51	35	0.20		
Pembroke	29.40	43	W	4	2	29.37	- 53	40	40	- 3	WNW	6	2	3	43	40	0.33		
†Scilly	29.32	50	W	6	09	29.50	- 38	47	46	0	NW	9	09p	6	52	39	0.27		
Prawle Point	29.51	49	WSW	4	2	29.32	- 64	39	39	+ 6	WNW	6	2	5	50	33	0.20		
Hurst Castle	29.59	43	SSW	2	2	29.20	- 68	36	36	+ 2	N	2	2m	3	49	34	0.17		
†Dover	29.51	40	W	4	0m	29.05	- 59	41	41	+ 3	WSW	5	0	3	43	36	0.12		
†London	29.61	37	W	2	6c	29.11	- 69	34	34	- 4	NW	2	8	*	42	33	0.33		
Oxford	29.49	38	SE	1	2	29.21	- 67	33	33	- 1	N	3	39	*	45	33	0.46		
Cambridge	29.60	38	WSW	1	0	29.18	- 64	39	38	+ 2	NE	1	2	*	43	33	0.39		
†Yarmouth	29.57	40	Z	0	0m	29.19	- 52	41	39	+ 3	ENE	7	09	6	44	36	0.09		
The Helder	29.62	32	ESE	3	0	29.32	- 41	32	32	0	E	5	0	3	34	30	0.28		
Cape Gris Nez	29.60	41	NW	7	0	29.13	- 54	42	41	+ 2	W	7	0	5	43	39	0.24		
†Jersey	29.58	43	S	4	0m	29.33	- 59	44	42	+ 2	WNW	8	09p	6	32	39	0.30		
Brest	29.63	54	W	7	m	29.58	- 44	43	42	- 6	NW	7	2	7	54	41	0.35		
Lorient	29.62	63	W	8	2	29.51	- 46	43	45	+ 3	NW	9	2	7	54	43	0.20		
†Rochefort	29.84	55	WNW	8	0	29.61	- 35	50	46	+ 2	WNW	12	2	8	61	43	0.43		
Biarritz	30.10	57	WSW	5	2	29.85	- 26	53	51	+ 3	SW	8	2	5	61	46	0.24		
Corunna	*	*	*	*	*			*	*					*	*	*			
Brussels	*	*	*	*	*	29.09	- 54	39	39	+ 6	SE	1	2	*	?	?	0.28		
Charleville						29.17	- 50	39	?	+ 6	S	8	0	*	43	31	?		
Paris	29.30	42	NW	3	0	29.32	- 43	42	39	+ 1	S	7	6c	*	*	*	0.28		
Lyons	30.04	38	SW	1	6	29.62	- 28	42	37	?	S	8	0	*	45	35	-		
Toulon	29.91	44	SSW	9	6	29.91	+ 03	46	45	0	W	7	0	5	50	41	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.36	33	E	1	0	28.16	- 51	35	35	+ 9	E	4	2	*	36	26	0.01		

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

	Bar.	Dry.	Wet.	Wind.	Wob.	Sea.		Bar.	Dry.	Wet.	Wind.	Wob.	Sea.	
Skudesnaes	30.16	37	32	SE	6	4	Valencia	29.56	47	44	WNW	4	0 pg	5
Sumburgh Head	29.87	41	37	SSE	6	6	Scilly	29.61	51	51	W	5	0	3
Stornoway	29.59	42	37	SSE	8	7	Dover	29.65	40	38	NW	5	0	3
Aberdeen	29.59	42	37	SSE	8	7	London	29.70	41	39	NW	5	09 p	5
Shields	29.73	44	41	SE	8	5	Yarmouth	29.64	40	38	ESE	4	07	5
Ardrossan	29.67	41	41	ESE	2	2	Jersey	29.80	46	44	WSW	3	0	3
Mullaghmore	29.42	43	42	S	5	6	Rochefort	29.97	51	49	NW	3	0	2
Holyhead	29.65	41	41	SSW	4	3								

The barometer still falls generally—quickly in the W. and N.—and, while the strong winds in the SE have fallen moderate, the S.W. breeze in Scotland and the N. of Ireland have risen to a moderate or fresh gale. Rain is now falling in several parts of the Kingdom.

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

FRIDAY, 17TH NOVEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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
ROBERT H. SCOTT

(SECRETARY.)

for 8 a.m. on Friday 17th NOVEMBER

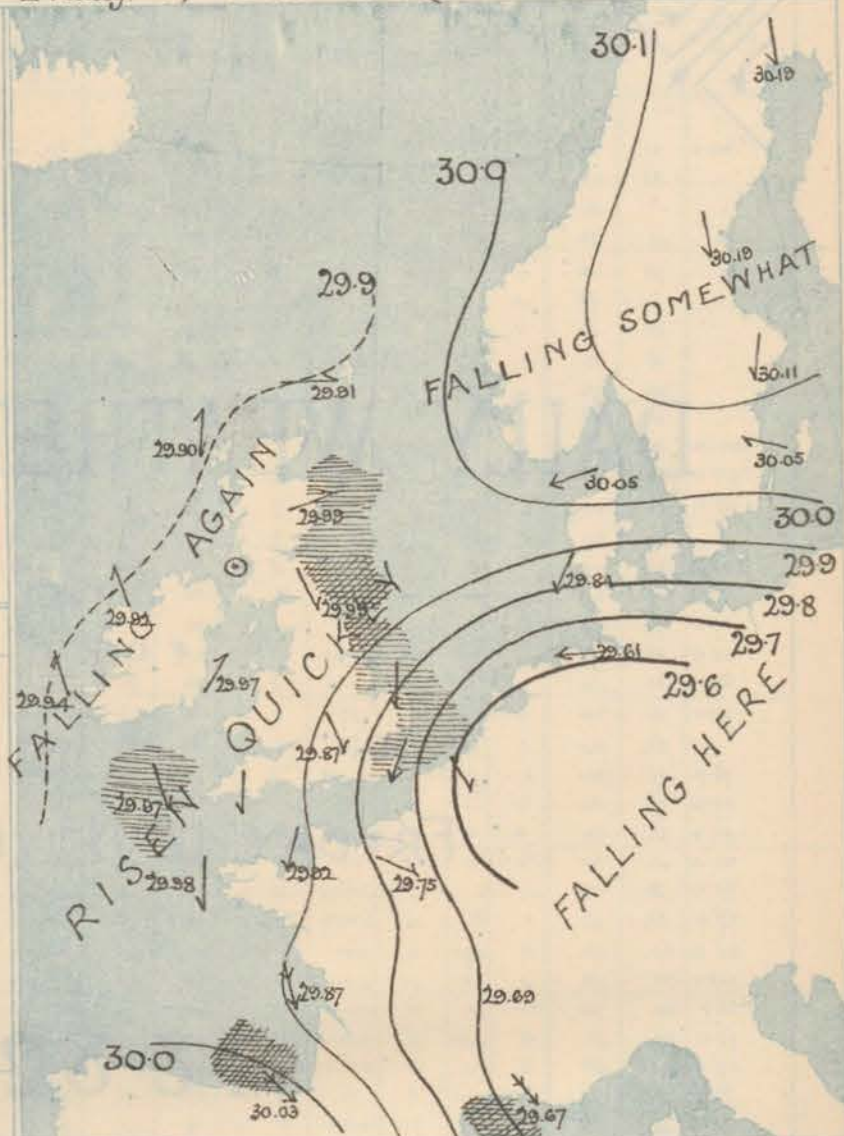
Explanation of Map.

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*.

for the month of November.

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



with RAINFALL in PAST 24 HOURS

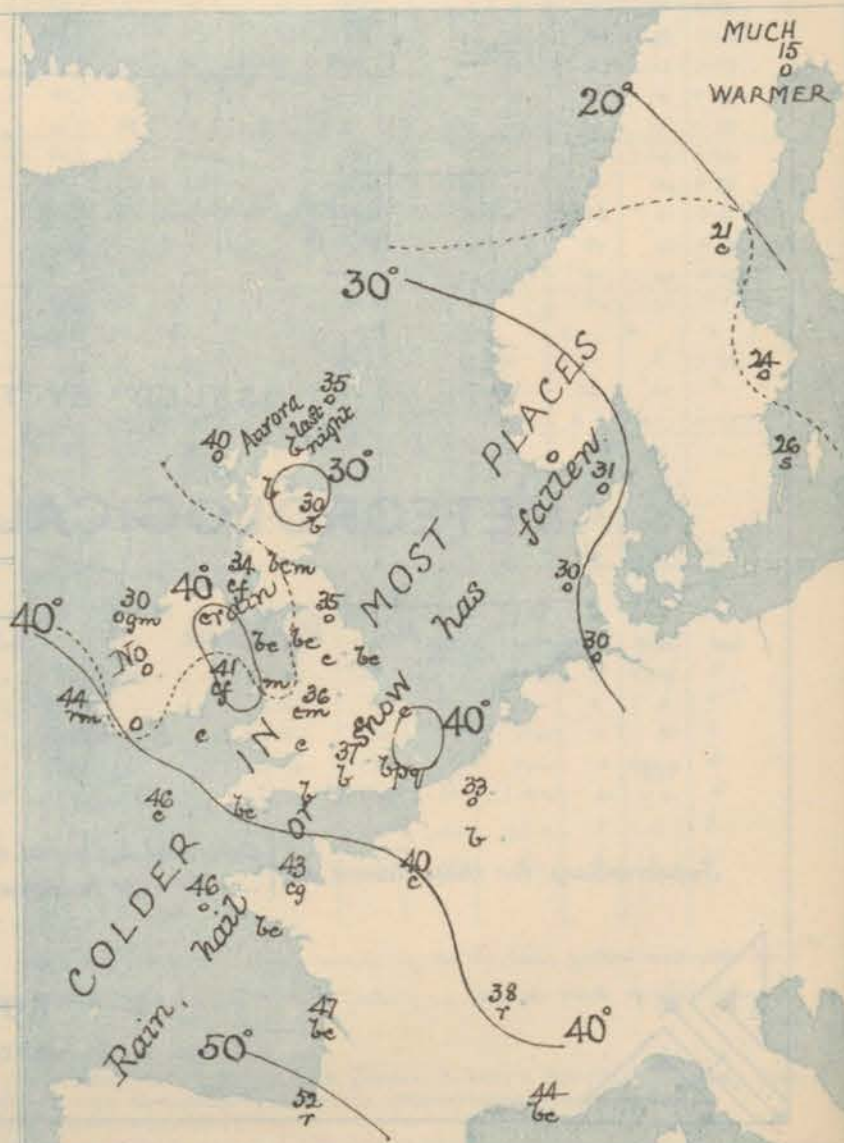
Temperature. Loitherns are drawn for each 10°. Changes in temperature since previous morning are stated in words.

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.

for the month of November

* 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 17th Nov^r 1882 at 8 a.m.

The depression which lay off our SE. coasts yesterday has travelled away over Central Europe and the barometer has consequently risen briskly over all the more E- districts, while the NE^{ly} gales have subsided, and a decided improvement in the weather has taken place. In the extreme W. and N., however, a new fall of the barometer is shown, the wind has shifted to the S^{wd}, and the weather has again become overcast, with rain at Valencia. At all our more E- and S- stations the wind is light to fresh from the Nth, and the sky partially clear. In the course of yesterday rain hail or snow fell at all but our NW- stations. Slight aurora was seen at Wick last evening. Temperature has fallen in most places, quickly in the east of Scotland, and readings at present range from 46° at Lelly to 30° at Nairn and Aberdeen. The maxima yesterday were very low generally; in London the thermometer did not exceed 40° and at Nairn Oxford and Cambridge it only rose to 39°.

The sea is still rough on our east coasts, and very high at Shields.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

18th NOVEMBER.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Wind backing to S. or SE. and increasing; fair to dull and unsettled.	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.	Wind shifting to SE. and freshening; cloudy, unsettled.	8 ENGLAND S.W.	Wind backing to W. and afterwards veering; light to strong; cloudy, unsettled, some rain.
4 ENGLAND EAST	N th winds, shifting to S. or SE.; fair on the whole.	9 IRELAND NORTH	S th to SE th winds, increasing; cloudy, rainy.
5 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	S th to W th or NW th winds, increasing; dull, rainy.
6 ENGLAND SOUTH	N th to W th or SW th winds, light to fresh or strong; cloudy to dull and rainy.	WARNINGS	The N. cone which was hoisted yesterday morning in districts 0 to 3 is still up.

METEOROLOGICAL OBSERVATIONS FOR

17th Nov^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.			
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.	
Haparanda	30.18	5	2	2	6	30.19	- .14	15	15	+ .17	2	4	0	*	?	-4		
Hernösand	30.26	23	NE	6	0	30.19	- .18	21	20	- .5	2	2	0	*	28	21	0.28	
Stockholm	30.17	24	NNE	2	60	30.11	- .02	24	23	0	NNE	2	0	*	32	21		
Wisby	30.12	27	ESE	2	0	30.05	- .06	26	26	+ .1	ESE	2	0	*	30	25	0.04	
Bodö																		
Christiansund																		
†Skudesnaes																		
Oxö (Klansund)	30.12	24	NE	6	0	?	?	31	30	- .1	ENE	6	0	4	32	24	0.20	
Skagen (The Skaw)	29.97	33	ENE	6	60	30.03	+ .04	31	29	0	ENE	5	0	4	?	28		
Fanö	29.73	33	ENE	6	0	29.84	+ .11	30	30	- .1	NE	5	0	*	34	28	0.04	
Cuxhaven	29.52	?	SE	9	5	29.61	- .05	30	30	- .1	E	6	0	*	32	27		
†Sumburgh Head	29.99	36	SE	3	5	29.91	+ .03	35	34	- .5	W	3	0	3	40	29	0.03	
†Stornoway	29.94	36	E	4	6	29.90	+ .19	40	37	- .1	S	4	0	3	43	34	0.01	
Wick	29.96	?	E	6	0	29.93	+ .25	34	33	- .8	W	2	6	3	42	33	0.10	
Nairn	29.93	34	W	0	6	29.96	+ .28	30	30	- .7	W	0	6	1	39	28		
†Aberdeen	29.91	41	E	6	0	29.99	+ .32	30	29	- .13	WSW	1	6	5	44	29	0.10	
Leith	29.85	39	E	4	0	29.99	+ .48	35	34	- .5	W	1	6cm	*	43	32	0.15	
†Shields	29.73	42	ENE	6	0	29.99	+ .54	35	35	- .6	NNW	2	0	8	42	33	0.20	
Spurn Head	29.84	40	NE	8	0	29.90	+ .63	41	37	- .1	NNE	4	6	6	42	36	0.05	
York	29.62	38	NE	3	0	29.95	+ .59	34	33	- .5	N	1	0	*	40	32	0.06	
Loughborough	29.55	38	NE	5	1	29.93	+ .65	36	34	+ .1	NW	1	cm	*	40	35	0.07	
†Ardrossan	29.85	37	NE	2	60	29.98	+ .47	34	34	- .4	ENE	1	cf	1	43	31		
†Mullaghmore	29.85	43	NNE	4	6	29.92	+ .37	39	36	- .2	SSE	1	ogm	3	45	37		
Donaghadee	29.85	43	NE	6	0	29.98	+ .52	41	38	- .2	SE	2	0	0	44	33		
Parsonstown	29.88	38	NW	1	6	29.97	+ .42	33	32	- .2	SE	1	0	*	44	28		
Barrow-in-Furness	29.69	39	NE	3	6	29.96	+ .61	35	34	- .4	NE	2	6	0	43	35		
†Holyhead	29.71	44	NE	5	pc	29.97	+ .59	41	40	- .2	SW	2	cf	1	46	39	0.02	
Liverpool (Bidston)	29.68	38	NNE	3	6	29.96	+ .60	34	33	- .3	NNE	1	m	1	46	34		
†Valencia	29.91	46	NNW	5	qcp	29.94	+ .22	44	44	+ .3	SSE	4	m	4	49	40	0.21	
Roche's Point	29.87	44	NNW	4	6	29.97	+ .38	39	38	- .3	ENE	1	0	3	47	36		
Pembroke	29.64	44	N	2	6	29.98	+ .61	39	35	- .1	ENE	1	0	1	44	39	0.26	
†Scilly	29.65	48	NNW	0	0	29.97	+ .47	46	46	- .1	NNW	1	0	5	48	43	0.05	
Prawle Point	29.59	39	NNW	4	0	29.98	+ .66	34	33	- .5	N	3	0	3	45	33	0.10	
Hurst Castle	29.45	39	NNE	6	m	29.91	+ .71	34	33	- .2	NE	3	6	3	43	33	0.06	
†Dover	29.23	41	ENE	6	ogp	29.77	+ .72	40	38	- .1	NNE	5	6p	3	43	38	0.28	
†London	29.39	39	NE	6	0	29.87	+ .78	37	35	+ .3	NNW	3	6	*	40	33	0.12	
Oxford	29.57	38	NW	5	0	29.92	+ .71	35	34	+ .2	NNW	2	0	*	39	33	0.13	
Cambridge	29.44	38	N	2	1	29.85	+ .57	36	35	- .5	N	1	0	*	39	33	0.08	
†Yarmouth	29.34	41	ENE	3	ogm	29.78	+ .59	40	37	- .1	N	5	0	6	42	37	0.06	
†The Helder	29.40	32	ENE	7	5	29.69	+ .37	31	31	- .1	NE	3	8	3	34	30	0.32	
Cape Gris Nez																		
†Jersey	29.48	43	NNW	6	om	29.92	+ .59	43	41	- .1	NNE	4	0	4	46	40	0.30	
Brest	29.67	47	NNE	7	0	29.98	+ .40	46	41	+ .4	N	3	0	4	54	39	0.39	
Lorient	29.56	48	NW	9	6	29.95	+ .44	45	41	- .3	N	7	6	4	54	41		
†Rochefort	29.55	51	NW	12	0	29.87	+ .26	47	44	- .3	NNW	9	6	4	57	39	0.32	
Biarritz	29.82	55	WNW	9	1	30.03	+ .18	54	49	- .1	NW	8	7	7	59	45	0.32	
Corunna																		
Brussels						29.67	+ .58	33	33	- .6	NNW	1	0	*	43	33	0.12	
Charleville	29.26	41	SSW	4	0	29.58	+ .41	36	32	- .3	N	1	0	*	47	33		
Paris	29.35	39	SSW	4	1	29.75	+ .43	40	38	- .2	WNW	4	0	*	*	*	0.12	
Lyons	29.60	43	S	1	0	29.69	+ .07	38	37	- .4	?	1	1	*	49	37	0.16	
Toulon	29.69	48	WSW	8	1	29.67	- .24	44	41	- .2	NW	8	6	7	52	41	0.16	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.26	34	ENE	4	0	28.71	+ .55	30	23	- .5	NE	1	6	*	36	28	0.13	

HIGH LEVEL STATION.

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

Hawes Junction	28.46	34	ENE	4	0	29.71	+ .55	30	23	- .5	NE	1	6	*	36	28	0.13
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wca.	Sea.		Bar.	Dry.	Wet.	Wind.		Wca.	Sea.
Skudesnaes ...								Valencia ...	29.81	44	43	NNW	5	ogp	6
Sumburgh Head	29.97	38	35	SE	4	0	6	Scilly ...	29.56	48	43	NNW	9	cg	7
Stornoway ...	29.86	42	39	E	5	0	4	Dover ..	29.08	41	40	ENE	5	on	3
Aberdeen ...	29.82	48	38	ENE	6	0	8	London ...	29.26	39	38	NNE	6	on	*
Shields ...	29.61	41	39	E	7	0	8	Yarmouth ...	29.22	41	39	NE	7	org	6
Ardrossan ...	29.71	40	40	NE	2	0	1	Jersey ...	29.38	41	41	NW	7	1	5
Mullaghmore ...	29.72	45	42	N	5	6	5	Rochefort ...	29.59	47	45	NW	12	1	7
Holyhead ...	29.54	46	46	NE	5	0	4								

The depression in the SE still moves slowly SE and the barometer has risen generally - briskly in the N. and W. Fresh or strong E and N winds prevail in most places, with a strong gale at Scilly. The sky is cloudy, and in the SE steady 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.

‡ 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

SATURDAY, 18TH NOVEMBER.

1882

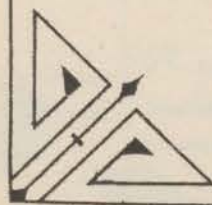
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ROBERT H. SCOTT

(SECRETARY.)



Fred^r Tongerfield, 1, 1 1/2, Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on SATURDAY 18TH NOV^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.

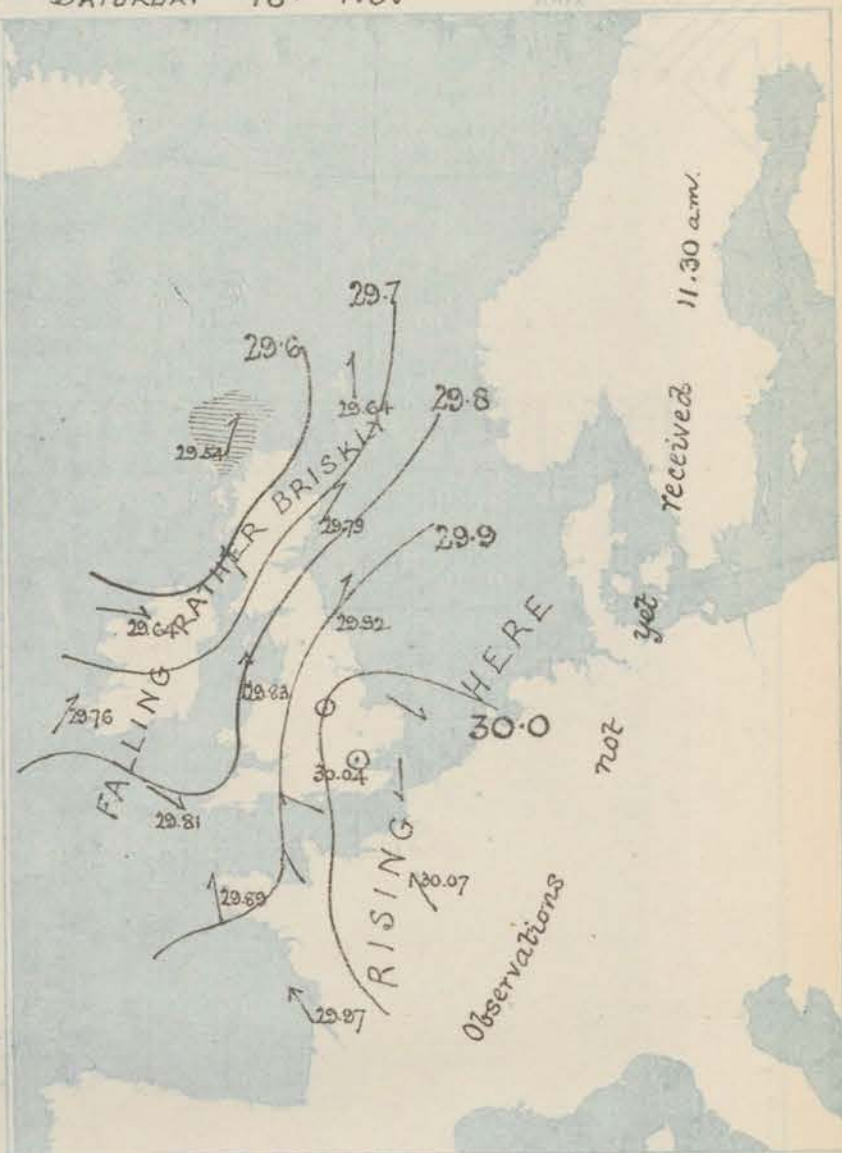
Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4.
 ☉ - dead calm.

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

MEAN^R HEIGHT of the BAROMETER for the month of November.

Stations.	Mean Readings
Nairn	28 522
Aberdeen	29 620
Leith	29 863
Scarborough	29 887
Ardrossan	29 870
Greenock	29 887
Holyhead	29 897
Valencia	29 938
Rochester Pt.	29 872
Plymouth	29 960
LONDON	29 910
Yarmouth	29 910

* 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.

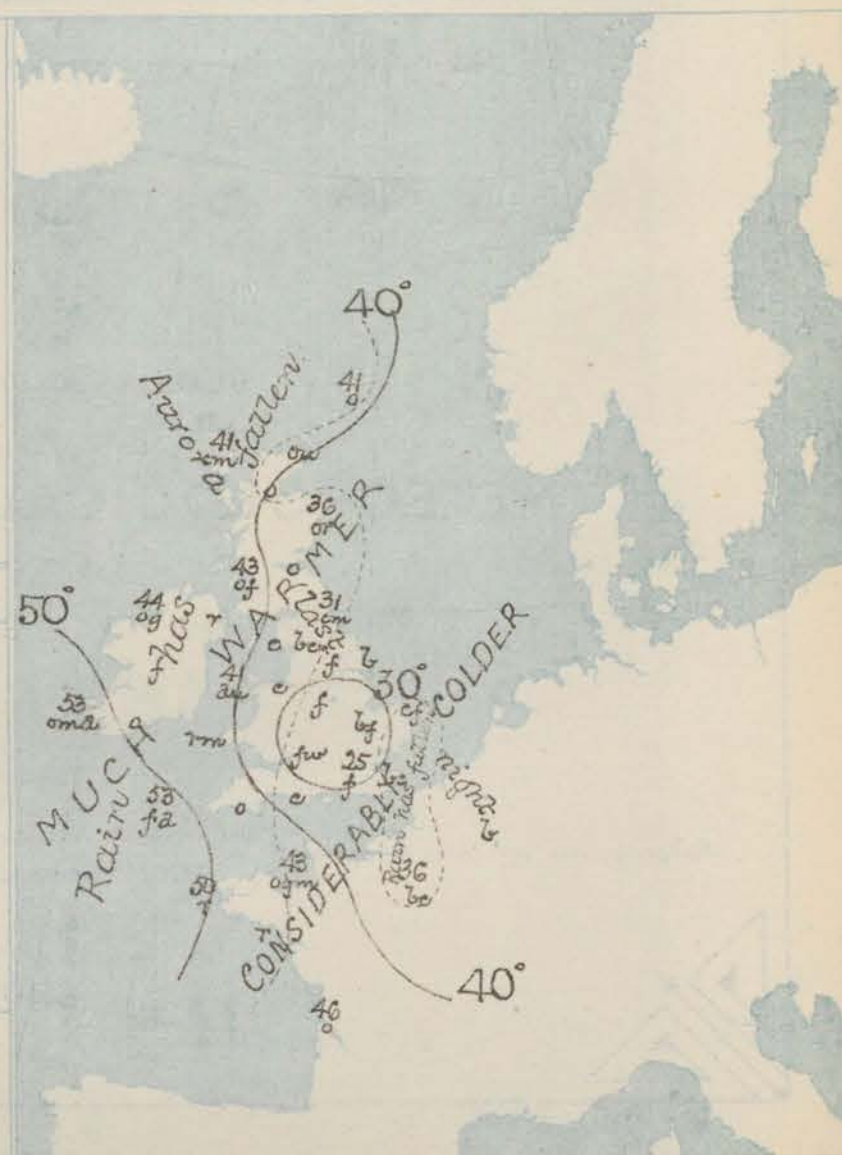
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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^R OF TEMPERATURE AND RAINFALL for the month of November

Stations	Temp.	Rain-fall
Sumbargh Head	41.4	2.51
Scornemoy	41.8	4.36
Aberdeen	41.5	2.01
Sheldale	42.0	2.63
Kirk	42.4	2.37
Mullaghmore	43.3	7
Holyhead	44.7	3.06
Parsonstown	45.7	7.46
Valencia	44.8	4.80
Sally (St Mary's)	46.3	4.19
Hurst Castle	44.7	7
Dover	44.2	3.06
LONDON	43.6	1.80
Bournemouth	43.3	3.44

* 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 18th Nov^r 1862 at 8 a.m.

Barometric readings are now high over England and the North Sea, and while a well marked depression has arrived off the W. coast of Scotland a subsidiary disturbance has appeared at the mouth of St. George's Channel. Thus, while calms, variable airs and thick cold fogs prevail at many of the English stations, increasing S^{ly} and SE^{ly} breezes are reported in the NW. and N., accompanied by cold rains, and in some places by a threatening appearance. In the S. of Ireland and SW. of England the wind is veering to W. and NW., with dull, damp, thick weather. Temperature is very low over England, but is much higher on our SW. coast; the readings now vary from 23° over Central England to 36° in the E. of Scotland and to 53° at Valencia. In France, also, the temperature at the inland stations is much lower than on the coast of the Channel and Bay of Biscay. The sea is slight on our SE coast, moderate generally elsewhere.

Strong earth currents were reported on the various telegraphic circuits yesterday, and a brilliant Auroral display was seen in many parts of the Kingdom.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the19th NOVEMBER

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	S ^{ly} and SE ^{ly} winds, increasing, in force; squally with cold showers.
2	SCOTLAND EAST	— D° — D° — D° —
2	ENGLAND N.E.	— D° — D° — D° —
3	ENGLAND EAST	Calms and fogs followed by S ^{ly} winds and changeable weather.
4	MIDLAND COUNTIES	S ^{ly} and SW ^{ly} breezes; weather becoming unsettled, with cold rain and snow showers.
5	ENGLAND SOUTH	Calms and thick fogs at first then SE ^{ly} to SW ^{ly} winds, and weather gradually breaking up.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	S ^{ly} winds, strong to a gale; cold rain or sleet.
7	ENGLAND N.W.	— D° — D° — D° —
8	ENGLAND S.W.	W ^{ly} winds; cold rain or sleet at times.
9	IRELAND NORTH	W ^{ly} to NW ^{ly} winds, strong, a gale in places; cold showers.
10	IRELAND SOUTH	— D° — D° — D° —
WARNING		The S. cone was hoisted in districts 0 to 2 with 6, 7, and 9, yesterday afternoon.

METEOROLOGICAL OBSERVATIONS FOR

18th Nov^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. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	
Haparanda														*			
Hernösand														*			
Stockholm														*			
Wisby														*			
Bodö														*			
Christiansund														*			
†Skudesnaos														*			
Oxö (Xiansund)														*			
Skagen (The Skaw)														*			
Fanö														*			
Cuxhaven														*			
†Sumburgh Head	29.84	33	NE	1	bc	29.64	- 27	41	38	+ 6	S	4	o	4	41	32	0.20
†Stornoway	29.76	42	S	6	n	29.54	- 36	41	41	+ 1	SSW	4	cm	5	45	39	0.07
Wick	29.84	37	Z	0	c	29.64	- 29	42	40	+ 8	S	4	ou	4	42	33	-
Nairn	29.86	32	Z	0	b	29.62	- 34	39	38	+ 9	SW	2	o	2	39	30	-
†Aberdeen	29.92	34	WSW	1	o	29.79	- 20	36	35	+ 6	SW	3	o	3	37	28	-
Leith	29.96	31	Z	0	o	29.80	- 19	38	35	+ 3	Z	0	o	*	41	29	0.03
†Shields	29.99	37	NW	1	c	29.92	- 07	31	30	- 4	SSW	3	cm	4	39	28	0.07
Spurn Head	29.95	38	NW	3	bc	29.93	+ 03	37	35	- 4	SSE	1	b	3	43	34	-
York	30.00	33	N	1	b	29.99	+ 04	27	27	- 7	S	1	f	*	39	24	-
Loughborough	30.01	31	Z	0	m	30.02	+ 09	23	23	- 13	ESE	1	f	*	40	23	-
†Ardrossan	29.92	40	SE	2	o	29.74	- 24	43	43	+ 9	SE	4	of	3	43	33	0.05
†Mullaghmore	29.82	43	S	2	o	29.64	- 28	44	44	+ 5	W	1	og	2	46	38	0.03
Donaghadee	29.93	40	SSE	3	c	29.73	- 25	45	45	+ 4	SSE	6	n	4	45	36	0.46
Parsonstown	29.88	42	SE	2	o	29.72	- 25	48	47	+ 15	SSW	1	f	*	48	32	0.25
Barrow-in-Furness	29.97	35	NE	2	bc	29.87	- 09	37	35	+ 2	ESE	5	o	3	42	34	-
†Holyhead	29.95	42	SW	2	c	29.83	- 14	41	41	0	S	5	du	3	43	39	0.03
Liverpool (Bidston)	29.99	39	NE	1	c	29.89	- 07	33	32	- 1	SE	4	c	3	39	31	-
†Valencia	29.86	49	SE	2	o	29.76	- 18	53	52	+ 9	SW	3	omd	4	53	2	0.36
Roche's Point	29.88	46	SSE	5	n	29.75	- 22	48	48	+ 9	NNW	1	o	4	50	39	0.30
Pembroke	29.98	42	SSE	2	b	29.85	- 15	43	43	+ 4	SE	5	nw	3	45	39	0.09
†Scilly	29.95	47	SSW	1	o	29.81	- 16	53	50	+ 7	WNW	4	fd	4	53	45	0.22
Prawle Point	30.03	34	N	2	bc	29.93	- 05	44	43	+ 10	SSE	4	o	4	45	34	0.24
Hurst Castle	30.00	36	NNE	2	m	30.00	+ 09	37	36	+ 3	ESE	3	c	2	41	30	-
†Dover	29.93	40	N	5	b	30.02	+ 25	34	33	- 6	N	3	bc	3	42	33	0.02
†London	29.97	38	WNW	2	bm	30.04	+ 17	25	25	- 12	Z	0	f	*	41	24	-
Oxford	30.03	30	NW	1	b	30.04	+ 12	23	23	- 12	Z	0	fw	*	40	22	-
Cambridge	30.00	34	N	1	b	30.04	+ 19	23	23	- 13	N	1	bf	*	42	22	-
†Yarmouth	29.90	39	N	4	bc	30.01	+ 23	32	32	- 8	NW	1	cf	4	42	31	0.16
The Helder																	
Cape Gris Nez																	
†Jersey	30.00	41	NW	2	bc	29.98	+ 06	43	42	0	SE	3	ogm	3	45	38	-
Brest	30.01	47	E	1	o	29.89	- 09	50	50	+ 4	SSE	4	n	4	50	43	0.16
Lorient	29.99	47	NW	3	bc	29.90	- 05	46	46	+ 1	SSE	5	n	4	48	43	0.08
†Rochefort	29.96	48	NNW	7	bc	29.97	+ 10	46	43	- 1	SE	5	o	2	54	41	-
Biarritz																	
Corunna	*	*	*	*	*				*					*	*	*	*
Brussels	*	*	*	*	*									*	*	*	*
Charleville	29.84	33	ESE	8	c	30.04	+ 46	27	23	- 9	NE	1	b	*	47	26	-
Paris	29.93	41	NW	5	o	30.07	+ 32	36	36	- 4	SE	3	bc	*	*	*	0.04
Lyons														*			
Toulon																	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.13	26	E	1	b	28.65	- 06	31	30	+ 1	S	2	bm	*	34	21	0.01

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

Hawes Junction	28.73	26	E	1	b		28.65	- 06	31	30	+ 1	S	2	bc	3	34	21	0.01
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	
Skudesnaes							Valencia ...	29.88	47	47	SE	5	omgd	5
Sumburgh Head	29.86	35	34	Z	0	3	Scilly ...	29.95	49	48	Z	0	0	4
Stornoway ...	29.83	40	39	S	G	5	Dover ..	29.86	42	39	N	5	bc	3
Aberdeen ...	29.95	37	35	WSW	1	4	London ...	29.93	41	38	NW	2	c	3
Shields ...	29.96	39	37	W	3	6	Yarmouth ...	29.85	41	38	NNW	4	bc	4
Ardrossan ...	29.93	40	39	E	1	1	Jersey ...	29.97	44	40	NNW	2	c	3
Mullaghmore ...	29.86	43	40	SSE	2	2	Rochefort ...	29.95	50	45	NNW	7	bc	4
Holyhead ...	29.96	43	43	SW	3	2								

The barometer is falling at our N^o and N^o stations with freshening S^W and S^E winds and drizzling rain or snow. In the S^E the mercury still rises with moderate N^W breezes and fair weather.

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 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

FOR

SUNDAY 19th NOVEMBER,

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on SUNDAY 19th NOV^r

BAROMETER, WIND & SEA

Explanation of Map.

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

Wind. Arrows show the prevailing 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

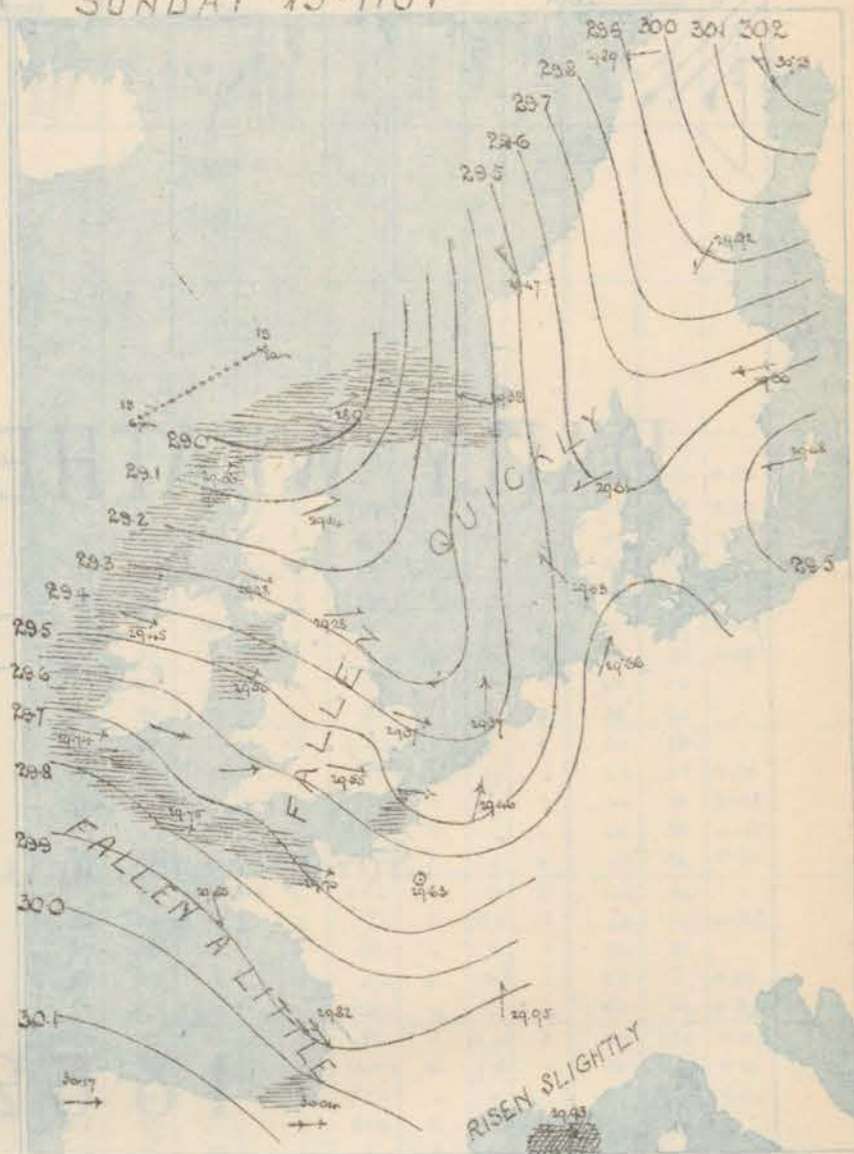
Sea Disturbance, where considerable, is shown by shading round the coast; thus: Rough, High

MEAN* HEIGHT of the BAROMETER

for the month of November

Stations	Mean Readings
	Inch.
Nairn	29.822
Aberdeen	29.673
Leith	29.661
Scarborough	29.672
Ardrossan	29.670
Greenock	29.669
Holyhead	29.697
Valencia	29.669
Rock's Pt.	29.673
Plymouth	29.660
LONDON	29.640
Yarmouth	29.610

* 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.

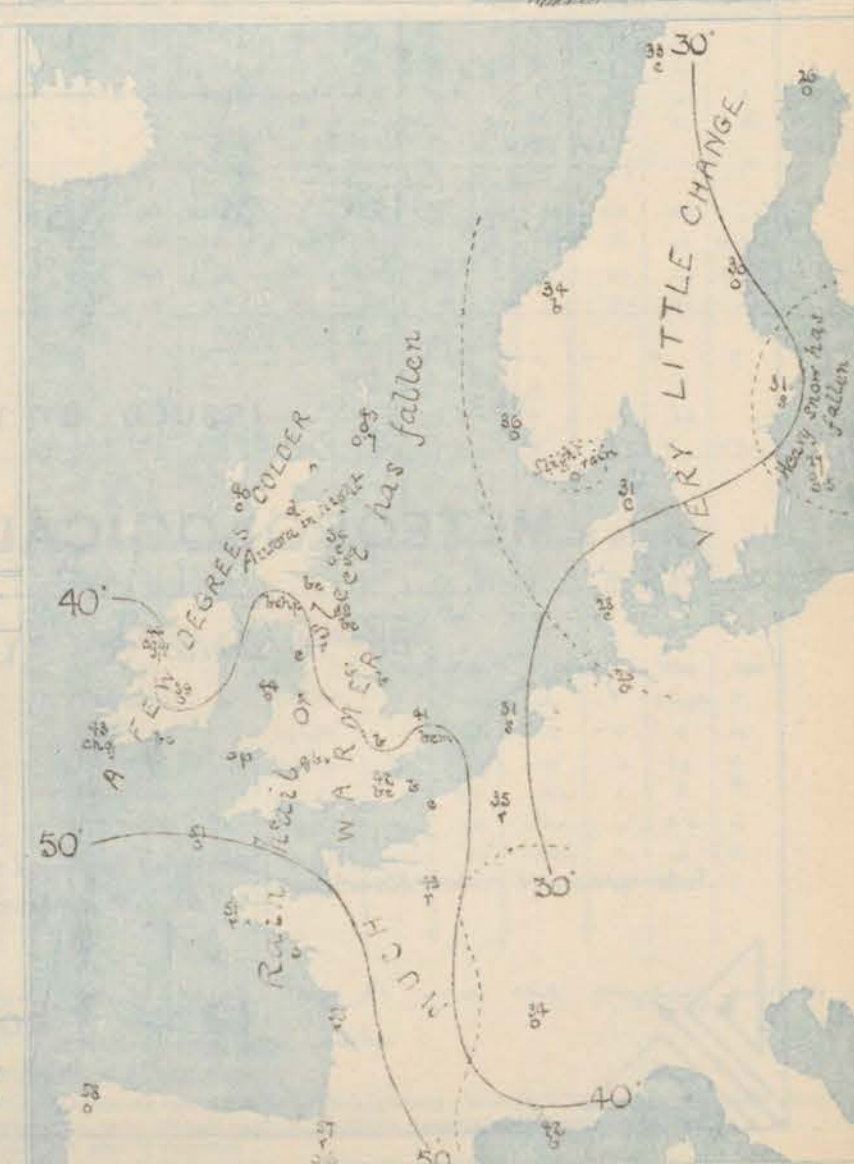
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.6 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of November

Stations	Temp	Rain-fall
		Inch.
Glasgow Head	41.4	2.31
Greenock	41.6	1.29
Aberdeen	41.5	2.21
Shetland	42.0	1.23
York	43.4	1.32
Mullaghmore	43.9	0
Holyhead	44.7	2.06
Portsmouth	43.7	2.45
Valencia	44.8	1.60
Sally (St Mary's)	46.3	1.19
Hurst Castle	44.7	0
Dover	44.2	3.00
LONDON	47.6	1.80
Kornwall	43.3	3.13

* The mean Temperatures are those for the 10 years 1867-76, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Sunday 19th November. 1882 at 8 a.m.

The depression which was approaching our NW coast yesterday morning is now found to the NW of Scotland, while the subsidiary disturbance in the SW has passed away over the North Sea. At the same time there are distinct signs of the presence of additional shallow systems in various parts of the country, and the barometer is falling at all but the extreme W stations. E³ or SE³ winds are reported over Scandinavia, but in our Islands and Thence the wind varies between W and NW, and blows strongly or with the force of a gale at many of our W and S stations. A fresh to strong gale from SW and S was experienced in Scotland last night. The weather is cloudy and showery at all but the E stations, and in the course of yesterday, some showers fell in the N and E, hail in the W, and rain in the N. Temperature has risen quickly over England and ranges from 51° at Leeds to 34° at Kilm and Aberdeen. Sea is rather rough on all but our E. coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

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

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH2 SCOTLAND
EAST3 ENGLAND
N E4 ENGLAND
EAST5 MIDLAND
COUNTIES6 ENGLAND
SOUTH

DISTRICTS

FORECASTS

7 SCOTLAND
WEST8 ENGLAND
N W9 ENGLAND
S W10 IRELAND
NORTH11 IRELAND
SOUTH

WARNINGS

The N. Cone was hoisted in districts
3, 5, 8, 10 and in parts of 2, 4, 6, 7, 9, 11 last night.

METEOROLOGICAL OBSERVATIONS FOR 19TH NOVEMBER.

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.	Sec. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.		
Haparanda	30.16	27	N	2	0	30.23	—	0.02	26	25	—	2	SE	2	0	28	19	—
Bornö	30.17	29	E	2	0	29.92	—	0.24	30	29	—	1	ENE	4	0	34	25	—
Stockholm	29.67	31	ENE	8	5	29.60	—	0.07	31	29	—	4	E	9	5	32	?	0.12
Wisby	30.47	29	ENE	6	5	29.48	—	0.01	27	27	—	2	E	3	0	30	22	0.47
Bodö	30.05	35	E	4	bc	29.89	—	0.16	33	31	—	2	E	6	0	36	32	—
Christiansund	29.70	34	SE	5	7	29.47	—	0.23	34	32	—	0	SSE	3	0	39	30	—
†Skudesnæs	29.76	34	SE	8	bc	29.38	—	0.38	36	32	—	1	ESE	9	0	37	34	—
Oxö (Königsund)	29.98	36	NW	4	c	29.51	—	0.47	33	32	—	10	ESE	6	0	?	?	0.12
Skagen (the Skaw)	29.91	38	NE	2	c	29.61	—	0.30	31	31	—	0	FNE	3	0	34	28	—
Fanö	29.91	24	N	1	b	29.53	—	0.46	28	27	—	5	SE	4	0	30	31	—
Cuxhaven	29.59	32	NNW	4	bc	29.46	—	0.13	25	25	—	7	SSW	2	0	32	23	—
†Sumburgh Head	29.34	42	S	8	0	28.95	—	0.39	40	39	—	1	WSW	3	0	45	37	0.67
†Stornoway	29.30	49	SW	7	rg	29.06	—	0.24	40	37	—	1	W	6	0	49	36	0.42
Wick	29.27	41	S	8	r	29.03	—	0.24	37	36	—	5	NNW	4	0	43	32	0.40
Nairn	29.19	40	SW	3	0	29.13	—	0.06	36	35	—	5	SW	2	0	40	34	0.31
†Aberdeen	29.44	39	S	8	r	29.14	—	0.30	34	33	—	2	WSW	1	0	42	35	0.02
Leith	29.35	40	W	3	c	29.24	—	0.11	37	35	—	1	W	4	bc	42	35	0.13
†Shields	29.68	36	S	7	0	29.28	—	0.40	32	36	—	7	W	4	bc	41	29	0.10
Spurn Head	29.79	38	SSE	5	0	29.55	—	0.24	41	39	—	4	W	4	b	42	36	0.18
York	29.77	36	S	3	0	29.35	—	0.42	39	37	—	12	W	3	b	42	27	0.25
Loughborough	29.79	36	SSE	3	0	29.48	—	0.31	40	38	—	17	NNW	4	bc	44	23	0.22
†Ardrossan	29.27	40	S	5	r	29.28	—	0.00	40	39	—	0	NNW	4	bc	46	39	0.24
†Mullaghmore	29.60	48	NNW	6	r	29.45	—	0.15	44	39	—	0	NNW	7	bc	52	41	0.14
Donaghadee	29.60	50	SSW	4	0	29.41	—	0.19	37	37	—	8	W	4	c	51	36	0.25
Parsonstown	29.28	39	SW	4	0	29.60	—	0.32	39	37	—	9	W	1	0	53	38	0.06
Borrow-in-Furness	29.47	37	SE	7	r	29.40	—	0.07	43	40	—	6	NNW	5	0	48	37	0.25
†Holyhead	29.57	44	S	7	r	29.50	—	0.07	44	44	—	3	NNW	6	0	52	40	0.12
Liverpool (Bidston)	29.61	37	SE	6	r	29.44	—	0.17	42	40	—	9	W	6	c	49	33	0.23
†Valencia	29.70	50	NNW	5	omg	29.74	—	0.06	40	42	—	10	NNW	6	bc	55	41	0.24
Roche's Point	29.60	45	NNW	4	bc	29.68	—	0.08	40	42	—	5	NNW	5	bc	54	40	0.02
Pembroke	29.55	37	SSW	3	r	29.60	—	0.05	47	44	—	4	W	5	op	52	43	0.25
†Scilly	29.75	50	WSW	4	f	29.75	—	0.00	51	50	—	2	NNW	7	0	54	43	0.07
Prawle Point	29.77	51	SW	4	f	29.71	—	0.06	43	42	—	1	SW	4	c	53	42	0.08
Hurst Castle	29.80	43	SW	5	r	29.63	—	0.17	45	43	—	8	NNW	4	bc	51	36	0.26
†Dover	29.90	43	S	4	bc	29.49	—	0.41	43	42	—	9	NNW	4	b	49	33	0.18
†London	29.29	39	SSE	2	r	29.55	—	0.26	42	40	—	17	NNW	3	bc	48	25	0.18
Oxford	29.76	39	SSE	4	0	29.55	—	0.21	42	39	—	19	WSW	4	bc	47	22	0.11
Cambridge	29.74	36	SE	1	r	29.51	—	0.23	39	38	—	16	SW	1	b	45	23	0.14
†Yarmouth	29.91	40	S	3	c	29.57	—	0.34	41	40	—	9	NNW	5	bc	42	31	0.22
The Helder	29.95	26	SE	2	bc	29.37	—	0.58	31	31	—	1	S	5	c	32	25	0.24
Cape Gris Nez	29.97	37	SW	3	0	29.48	—	0.49	48	46	—	W	NNW	7	c	?	36	0.20
†Jersey	29.80	45	S	4	omd	29.70	—	0.10	50	48	—	7	NNW	7	omg	53	41	0.15
Brest	29.83	55	W	4	r	29.85	—	0.02	57	50	—	1	NNW	5	r	54	43	0.32
Lorient	29.86	50	S	3	m	29.80	—	0.06	53	50	—	7	W	7	0	?	46	0.24
†Rochefort	29.91	46	SSE	7	r	29.82	—	0.09	55	53	—	9	W	8	r	?	39	0.12
Biarritz	30.04	57	W	8	r	30.04	—	0.00	57	55	—	3	W	9	r	64	52	0.59
Corunna	30.00	50	W	8	r	30.17	—	0.17	58	59	—	0	W	5	0	61	54	0.12
Brussels	30.00	50	W	8	r	29.48	—	0.52	35	32	—	6	SW	7	r	36	20	0.12
Charleville	30.04	28	WSW	1	b	29.65	—	0.39	28	?	—	1	SSW	4	0	38	25	—
Paris	30.03	39	E	1	b	29.63	—	0.41	43	41	—	7	W	0	r	?	?	—
Lyons	30.11	37	N	1	c	29.95	—	0.16	34	31	—	5	S	1	0	41	31	—
Toulon	29.26	39	NW	5	b	29.93	—	0.33	42	37	—	3	W	7	b	45	37	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.39	34	SSW	4	S	28.14	—	0.25	35	34	—	4	NNW	3	r	41	30	0.36

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sec.		Bar.	Dry.	Wet.	Wind.	Wet.	Sec.		
Skudeanses ...	30.00	38	31	SSE	8	c	5	Valencia ...	29.69	34	54	WSW	4	omd	4
Sumburgh Head	29.32	48	40	S	6	0	6	Scilly ...	29.79	54	54	WSW	3	f	4
Stornoway ...	29.33	48	48	SSW	6	0	6	Dover ...	29.98	41	39	SSW	3	bep	2
Aberdeen ...	29.44	38	37	SSW	4	0	4	London ...	29.96	40	37	S	2	bc	4
Shields ...	29.79	37	36	SSW	4	0	4	Yarmouth ...	29.97	40	37	SSE	2	bc	4
Ardrossan ...	29.59	45	45	SE	3	0	3	Jersey ...	29.91	41	42	SSE	4	0	4
Mullaghmore ...	29.48	51	50	SSW	5	rgm	3	Rochefort ...	29.95	47	45	SSE	5	r	2
Holyhead ...	29.69	44	44	S	6	mg	4								

The fall of the barometer in the N. and extreme W. has become rather more decided than it was this morning, and the S. wind in these districts has increased to a strong breeze with rain. In the SE. the fall is more gradual and the wind, are light.

EXPLANATION OF COLUMNS.

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

DAILY WEATHER REPORT

FOR

MONDAY, 20TH NOV^R.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

Printed at the Government Printing Office, London.

WEATHER CHARTS

for 8 a.m. on MONDAY 20th NOVEMBER. 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.

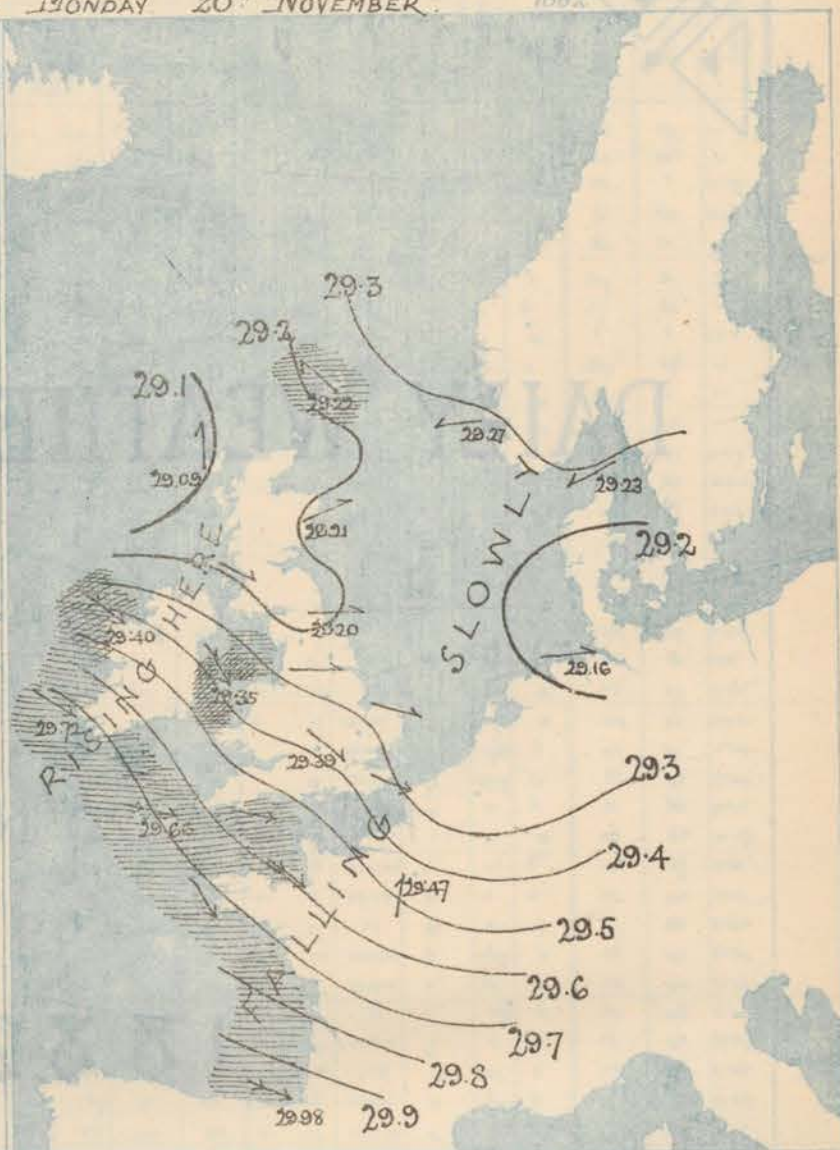
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ○ = dead calm.

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

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

Stations.	Mean Readings.
	Ina.
Nairn	29.822
Aberdeen	29.820
Leith	29.863
Scarborough	29.887
Ardrossan	29.879
Greenacastle	29.864
Holyhead	29.897
Valencia	29.909
Roche's Pt.	29.873
Plymouth	29.960
LONDON	29.940
Yarmouth	29.910

* 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 November

Stations	Temp.	Rain-fall
	°	ins.
Sunbury Head	41.4	2.51
Stornoway	41.5	4.30
Aberdeen	41.5	2.97
Shields	42.0	2.63
York	42.4	2.32
Mullaghmore	43.3	?
Holyhead	44.7	3.08
Paranstown	43.7	2.46
Valencia	44.8	4.60
Sally (St Mary's)	46.3	4.19
Hurst Castle	44.7	?
Dover	44.2	3.90
LONDON	43.6	1.89
Yarmouth	43.3	3.13

* 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 20th Nov^r. 1882 at 8 a.m.

The depression which lay to the N^W of Scotland yesterday morning travelled away NE^W in the course of the day, while the subsidiary disturbances over England passed over the North Sea, but this morning a fresh, though shallow depression has appeared off the NW. of Scotland, and further slight disturbances are shown over England and Ireland. The barometer is rising again in the W. and N. but is falling a little in the E. and SE. Light variable air are reported from the E. of Scotland, and moderate S^W or SE^E breezes in the Shetlands and Hebrides, but over England and Ireland the wind is generally NW^W, and at some of the western stations it blows a fresh gale. The weather is fine over all the more E^W district, but cloudy and showery in the W. and SW. with hail at Jersey. In the course of yesterday showers of hail, snow or cold rain fell generally, and lightning was seen in the W. of Ireland. Temperature has risen a little in the W., fallen elsewhere, and readings range from 48° at Sully to 26° at Wick. The sea is rough in the W. and NW. generally, and high at Mullaghmore, Holyhead and Sully.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

21st NOVEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^W to W ^W or NW ^W winds, moderate; dull and rainy to fair.
2 SCOTLAND EAST	W ^W and NW ^W winds, light or moderate; unsettled, some cold showers.
3 ENGLAND NE	— D° — — D° — — D° — —
4 ENGLAND EAST	Same as No 5
5 MIDLAND COUNTIES	Same as No 5
6 ENGLAND SOUTH	NW ^W winds, moderate or fresh; changeable, some cold showers.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as No 1 and 2
7 ENGLAND N.W.	NW ^W gales and strong winds, moderate later; cloudy, showery.
8 ENGLAND S.W.	— D° — — D° — — D° — —
9 IRELAND NORTH	NW ^W winds, strong to moderate; cloudy and showery to fair.
10 IRELAND SOUTH	— D° — — D° — — D° — —
WARNINGS	
The N. cone is still up in districts 8, 10 and part of 7, but has been lowered this morning in districts 3, 5 and part of 2.	

METEOROLOGICAL OBSERVATIONS FOR

20th Nov^r

1882

† YESTERDAY EVENING.							8 A.M. TO DAY.								PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 15).			Max.	Min.	
Haparanda																	
Hernösand																	
Stockholm																	
Wisby																	
Bodö																	
Christiansund																	
†Skudesnaes	29.24	35	ESE	6	c	29.27	- .11	34	28	- 2	E	4	0	4	36	?	-
Oxö (Xiänsund)	29.26	30	ESE	6	c	29.30	- .27	26	24	- 7	NNE	4	60	3	34	25	0.35
Skagen (The Skaw)	29.27	37	E	3	o	29.23	- .27	31	29	0	ESE	3	0	2	32	23	-
Fapö																	
Cuxhaven	29.18	?	S	3	c	29.16	- .36	?	28	?	W	3	0		34	23	0.34
†Sumburgh Head	29.01	37	NW	1	A	29.22	+ .27	39	37	- 1	ESE	4	A	5	44	34	0.42
†Stornoway	29.05	35	WSW	3	c	29.09	+ .03	40	40	0	S	4	A	3	44	33	0.77
Wick	29.08	35	NW	1	c	29.12	+ .15	26	25	- 11	NW	1	60	4	42	25	0.03
Nairn	29.08	35	SW	1	c	29.14	+ .01	21	30	- 3	SSE	1	6	2	38	31	0.04
†Aberdeen	29.11	35	W	2	c	29.21	+ .07	22	27	- 6	WSW	1	60	2	41	26	-
Leith	29.15	38	NW	3	A	29.19	- .05	37	36	0	NW	1	c		46	32	0.01
†Shields	29.23	38	W	3	c	29.20	- .08	34	33	- 4	W	1	n	2	41	31	-
Spurn Head	29.30	39	W	3	c	29.24	- .11	37	36	- 4	WNW	4	60	2	42	36	0.02
York	29.30	38	W	1	c	29.28	- .09	34	33	- 5	W	1	6		46	32	-
Loughborough	29.40	38	WNW	4	c	29.32	- .16	34	33	- 6	W	2	c		47	33	0.12
†Ardrossan	29.18	36	E	1	c	29.21	- .07	42	42	- 1	WNW	2	0	1	44	34	0.37
†Mullaghmore	29.18	44	WNW	5	o	29.20	- .05	46	43	+ 2	WNW	8	c	1	46	39	0.46
Donaghadee	29.25	36	WNW	5	A	29.30	- .11	41	40	+ 4	NW	5	0	2	42	33	0.12
Parsonstown	29.46	38	W	4	c	29.36	- .10	39	36	0	W	3	0		43	37	0.22
Barrow-in-Furness	29.33	43	WNW	5	o	29.25	- .15	42	44	- 1	WNW	4	n	5	45	40	0.40
†Holyhead	29.36	44	W	6	c	29.25	- .13	46	46	+ 2	NW	8	c	7	46	40	0.08
Liverpool (Bidston)	29.31	40	WSW	5	c	29.28	- .16	44	42	+ 2	W	5	0	5	44	34	0.48
†Valencia	29.65	40	WNW	6	c	29.72	- .02	46	43	+ 3	WNW	6	c	6	49	41	0.06
Roche's Point	29.57	42	WNW	6	A	29.62	- .06	42	41	- 1	NW	5	c	4	52	40	0.38
Pembroke	29.48	46	WNW	6	o	29.49	- .11	46	42	- 1	WNW	6	c	4	47	46	0.17
†Scilly	29.68	47	WNW	9	c	29.66	- .09	42	47	- 3	WNW	9	c	7	51	41	0.26
Prawle Point	29.64	43	W	4	c	29.53	- .13	42	41	- 1	WNW	5	c	5	49	39	0.09
Hurst Castle	29.57	43	NW	6	c	29.48	- .18	39	38	- 6	NW	3	6	4	47	38	0.21
†Dover	29.59	41	WNW	4	c	29.29	- .20	37	36	- 6	WNW	4	60	3	47	35	0.06
†London	29.49	40	WSW	3	c	29.39	- .16	37	36	- 5	NW	2	6		48	35	0.05
Oxford	29.43	38	WSW	5	c	29.39	- .16	37	36	- 5	W	2	60		47	37	0.07
Cambridge	29.41	38	SW	1	c	29.32	- .19	34	33	- 5	W	1	c		48	32	?
†Yarmouth	29.39	39	W	5	c	29.26	- .11	34	34	- 7	WNW	3	c	3	43	32	0.03
The Helder																	
Cape Gris Nez																	
†Jersey	29.67	46	WNW	6	c	29.36	- .14	44	43	- 6	WNW	8	c	6	50	41	0.38
Brest	29.83	49	NW	5	o	?	?	50	47	- 1	NW	7	c	5	?	43	0.08
Lorient	29.77	50	WNW	3	c	29.70	- .10	48	44	- 5	NW	5	6	5	55	43	0.08
†Rochefort																	
Biarritz	30.05	57	W	9	A	29.98	- .06	55	53	- 2	WNW	8	A	6	61	50	0.20
Corunna																	
Brussels																	
Charleville	29.84	36	WNW	4	o	29.38	- .27	26	35	+ 5	W	4	0		43	?	0.43
Paris	29.68	46	SW	3	c	29.47	- .16	41	39	- 2	SW	3	A				0.04
Lyons																	
Toulon																	

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

Hawes Junction	28.08	34	W	3	c	28.02	- .12	32	31	- 2	SW	2	27	30	0.12	
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.26	35	32	ESE	8	0	Valencia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	29.84	35	33	NW	8	0
Holyhead													

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT

F O R

TUESDAY, 21st NOVEMBER

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on TUESDAY 21st NOVEMBER 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.

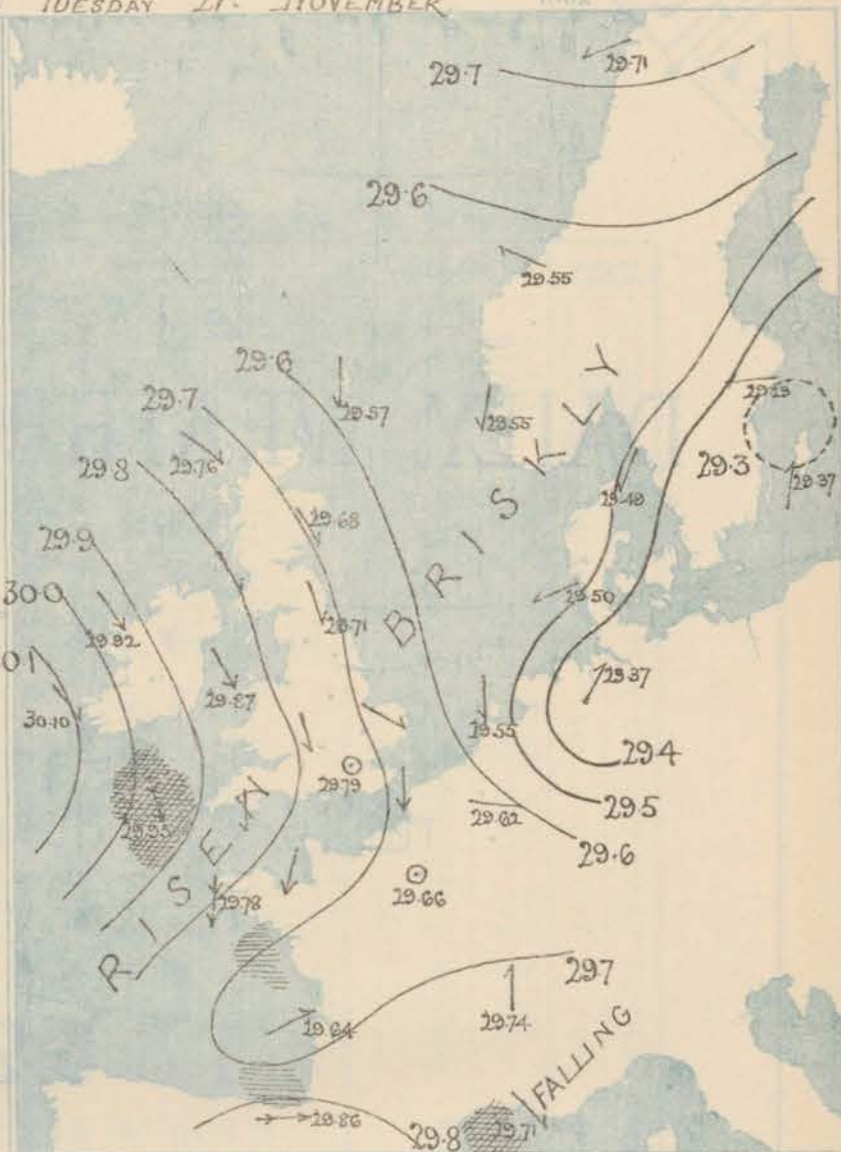
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

MEAN* HEIGHT of the BAROMETER

for the month of November.

Stations	Mean Readings
Nairn	29.822
Aberdeen	29.821
Leith	29.853
Scarborough	29.887
Ardrossan	29.870
Greenacastle	29.884
Holyhead	29.897
Valencia	29.939
Roche's Pt.	29.873
Plymouth	29.900
LONDON	29.940
Yarmouth	29.910

* 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.

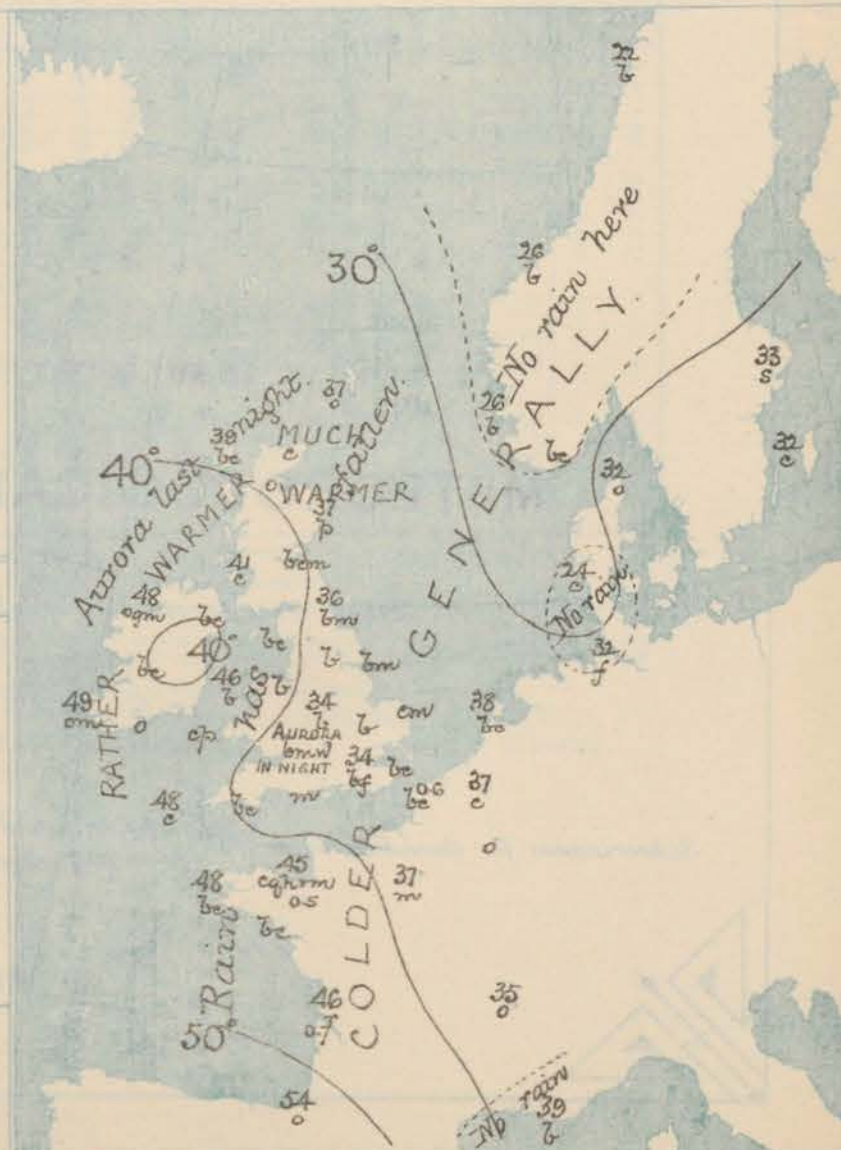
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of November

Stations	Temp	Rain-fall
	°	ins.
Sumburgh Head	41.4	2.51
Stornoway	41.8	4.37
Aberdeen	41.5	2.81
Shields	42.0	2.83
York	42.4	2.37
Mullaghmore	43.3	?
Holyhead	44.7	3.08
Papingtontown	45.1	2.35
Valencia	44.8	4.80
Sally (St Mary's)	46.3	4.19
Hurst Castle	44.7	?
Dover	44.2	3.08
LONDON	43.6	1.40
Yarmouth	43.3	3.43

* 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 Tuesday 21st Nov^r 1862 at 8 a.m.

The depression whose centre lay off the NW. of Scotland yesterday morning, has since passed away in a SE^{ly} direction across our NW. and Nth districts, and has disappeared to the E^{ward} of our Islands. In its rear a brisk rise of the barometer has taken place generally, and the highest readings are now found in the extreme W. NW^{ly} and Nth winds prevail on all our coasts, and are generally moderate in force, excepting at Lally, where there is still a fresh gale. In the course of last evening a strong NW^{ly} gale blew at some of the western stations. The weather is fair except in the SW., with mist or fog at many of the eastern stations. Showers of hail or cold rain fell yesterday in nearly all districts, and lightning occurred in the N. of Scotland. Bright aurora was again seen in many parts of the country last evening. Temperature has fallen a little in the south, and at present ranges from 49° at Valencia to 35° at Wick and 33° at Cambridge. The sea is high at Lally, moderate or slight on our other coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

22nd NOVEMBER

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	NW ^{ly} winds, light or moderate; fair generally.	6 SCOTLAND WEST	Same as Nos 0 to 2.
2 SCOTLAND EAST	-----D ^o -----D ^o -----D ^o -----	7 ENGLAND N.W.	Same as Nos 0 to 2.
3 ENGLAND N.E.	-----D ^o -----D ^o -----D ^o -----	8 ENGLAND S.W.	N ^{ly} winds, moderate and fresh; fair generally.
4 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	Same as Nos 0 to 2.
5 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	NW ^{ly} to N ^{ly} winds, moderate; cloudy.
6 ENGLAND SOUTH	N ^{ly} (NW to NE) winds, light or moderate; fair, cold.	WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

21st Nov

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	29.37	28	NNE	2	S	29.29	- 0.08	33	33	+ 4	E	2	S	*	34	27	0.16					
Wisby	29.23	33	SSE	2	O	29.37	+ 0.14	32	32	+ 2	SSW	4	C	*	34	28	0.12					
Bodö	29.50	32	E	4	S	29.71	+ 0.21	28	19	- 9	ESE	2	S	*	23	22	-					
Christiansund	29.45	30	ESE	4	B	29.55	+ 0.10	26	25	- 1	ESE	3	B	S	32	23	-					
†Skudesnes	29.43	33	E	2	O	29.55	+ 0.12	26	24	- 2	NNE	4	B	S	32	23	-					
Oxö (Xiensund)	29.38	29	NNE	4	C	29.60	+ 0.22	26	24	- 2	NNE	4	B	2	30	23	-					
Skagen (The Skaw)	29.36	32	E	2	O	29.49	+ 0.13	32	30	+ 2	NNE	2	O	1	32	28	0.04					
Fanö	29.36	28	ESE	2	C	29.50	+ 0.14	24	24	0	ESE	2	C	*	28	23	-					
Cuxhaven	29.19	34	WSW	2	f	29.37	+ 0.18	32	32	0	SW	2	f	*	34	28	-					
†Sumburgh Head	29.42	36	N	3	C	29.57	+ 0.15	37	36	- 1	N	4	O	4	41	33	0.07					
†Stornoway	29.50	38	NNE	4	B	29.76	+ 0.26	39	38	- 1	WNW	3	B	2	42	36	0.22					
Wick	29.46	40	NNE	4	C	29.65	+ 0.19	35	35	+ 0	N	2	C	3	40	26	0.13					
Nairn	29.45	38	ESE	4	A	29.71	+ 0.26	39	38	- 1	WNW	3	O	4	39	30	?					
†Aberdeen	29.29	36	NNE	3	C	29.68	+ 0.39	37	36	+ 1	NW	4	P	3	39	27	0.26					
Leith	29.39	36	NNE	1	C	29.73	+ 0.34	40	37	+ 3	WNW	1	B	*	40	33	-					
†Shields	29.31	59	N	1	B	29.71	+ 0.31	36	34	+ 2	WNW	4	B	2	39	32	0.06					
Spurn Head	29.32	37	SW	2	O	29.67	+ 0.35	38	37	+ 1	NW	5	B	3	42	36	-					
York	29.30	38	E	1	M	29.73	+ 0.43	35	33	+ 2	NW	1	B	*	40	30	0.02					
Loughborough	29.32	39	W	1	B	29.78	+ 0.46	34	33	- 1	N	2	B	*	43	32	0.13					
†Ardrossan	29.34	38	NNE	3	B	29.50	+ 0.34	41	41	0	WNW	1	C	1	45	35	0.06					
†Mullaghmore	29.28	45	NW	10	A	29.92	+ 0.64	43	40	+ 3	NW	5	B	4	49	44	0.23					
Donaghadee	29.23	43	WNW	2	C	29.86	+ 0.56	40	40	0	WNW	3	B	1	45	37	0.16					
Parsonstown	29.43	45	WNW	8	A	29.99	+ 0.56	40	39	+ 1	N	1	B	*	46	36	0.17					
Barrow-in-Furness	29.27	44	W	3	O	29.78	+ 0.51	38	37	- 1	WNW	2	B	3	46	37	0.06					
†Holyhead	29.28	46	W	7	O	29.87	+ 0.59	46	46	0	WNW	5	B	4	48	40	0.10					
Liverpool (Bidston)	29.29	42	WSW	4	A	29.81	+ 0.52	42	39	+ 3	WNW	3	B	3	46	38	0.16					
†Valencia	29.75	48	NW	7	C	29.10	+ 0.65	49	47	+ 2	NW	4	B	4	50	43	0.13					
Roehe's Point	29.57	41	WNW	6	C	29.03	+ 0.54	45	43	+ 2	WNW	3	O	4	43	42	0.24					
Pembroke	29.42	48	WNW	6	O	29.91	+ 0.49	45	42	+ 3	WNW	3	C	2	48	43	0.08					
†Scilly	29.61	43	NW	8	O	29.95	+ 0.34	43	44	- 1	WNW	8	C	7	50	44	0.09					
Prawle Point	29.54	41	WNW	4	C	29.86	+ 0.32	39	37	+ 2	N	4	B	4	43	37	0.20					
Hurst Castle	29.46	43	NW	4	B	29.80	+ 0.34	37	36	+ 1	NNE	3	M	4	46	36	0.01					
†Dover	29.37	42	W	4	B	29.69	+ 0.40	38	37	+ 1	N	4	B	2	45	36	0.12					
†London	29.40	41	NW	2	B	29.79	+ 0.39	36	34	+ 2	WNW	1	B	*	46	34	0.02					
Oxford	29.39	40	WSW	3	O	29.82	+ 0.43	35	35	- 2	WNW	3	B	*	46	35	0.02					
Cambridge	29.36	40	W	1	O	29.77	+ 0.41	33	33	- 1	NW	1	B	*	42	31	0.12					
†Yarmouth	29.33	38	WNW	2	C	29.65	+ 0.32	38	37	+ 1	WNW	3	C	3	39	30	0.01					
The Helder	29.21	40	W	1	B	29.55	+ 0.34	34	36	- 2	N	4	B	2	43	36	0.24					
Cape Gris Nez	29.42	46	W	7	O	29.63	+ 0.21	43	40	+ 3	N	7	B	4	46	39	0.12					
Jersey	29.37	47	NW	4	B	29.74	+ 0.18	43	43	+ 0	NNE	5	B	4	50	42	0.57					
Brest	29.75	49	N	5	O	29.78	+ 0.03	45	45	- 2	N	8	B	4	52	41	0.51					
Lorient	29.69	44	NW	7	A	29.67	+ 0.02	48	45	+ 3	N	8	B	5	50	43	0.20					
†Roche fort	29.71	46	NW	8	A	29.64	+ 0.07	46	44	+ 2	WSW	4	A	2	57	39	0.67					
Biarritz	29.91	50	WNW	8	B	29.86	+ 0.05	54	48	+ 6	W	8	O	6	55	43	0.20					
Corunna																						
Brussels																						
Charleville																						
Paris	29.51	42	WNW	3	C	29.66	+ 0.15	37	36	+ 1	N	0	M	*			0.12					
Lyons	29.72	43	WNW	1	O	29.74	+ 0.02	35	35	- 8	S	1	O	*	48	33	0.16					
Toulon	29.78	47	WNW	8	B	29.71	+ 0.07	39	37	+ 2	NW	1	B	7	50	39	-					
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	28.06	35	SSW	2	O	28.54	+ 0.52	29	28	- 1	N	2	B	*	36	25	0.10					

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

YESTERDAY'S 2 P.M. REPORTS AND FORECASTS														
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...							Valencia ...	29.75	48	40	WNW	4	C g f	6
Sumburgh Head	29.34	38	36	N	4	O	Scilly ...	29.65	49	49	NW	8	C g f	7
Stornoway ...	29.26	44	40	E	4	C	Dover ...	29.37	43	40	WNW	5	C m g f	3
Aberdeen ...	29.27	35	33	N	1	B	London ...	29.39	46	42	WNW	2	C	*
Shields ...	29.27	39	37	N	1	C	Yarmouth ...	29.30	39	38	WNW	2	C f	2
Ardrossan ...	29.21	45	45	N	0	C	Jersey ...	29.38	47	43	WNW	5	B C	5
Mullaghmore ...	29.34	47	45	WNW	8	C g m g	Roche fort ...	29.78	46	46	NW	1	C	4
Holyhead ...	29.37	46	46	N	7	O g								

The barometer is falling a little in the S. but rising in most other districts. The wind at Sumburgh has shifted to N, at Llandudno to E and at Holyhead to W, but generally not strong. The weather continues cloudy generally, with occasional showers.

EXPLANATION OF COLUMNS.

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

DAILY WEATHER REPORT

FOR

WEDNESDAY, 22ND NOVEMBER.

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 WEDNESDAY 22ND NOV^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.

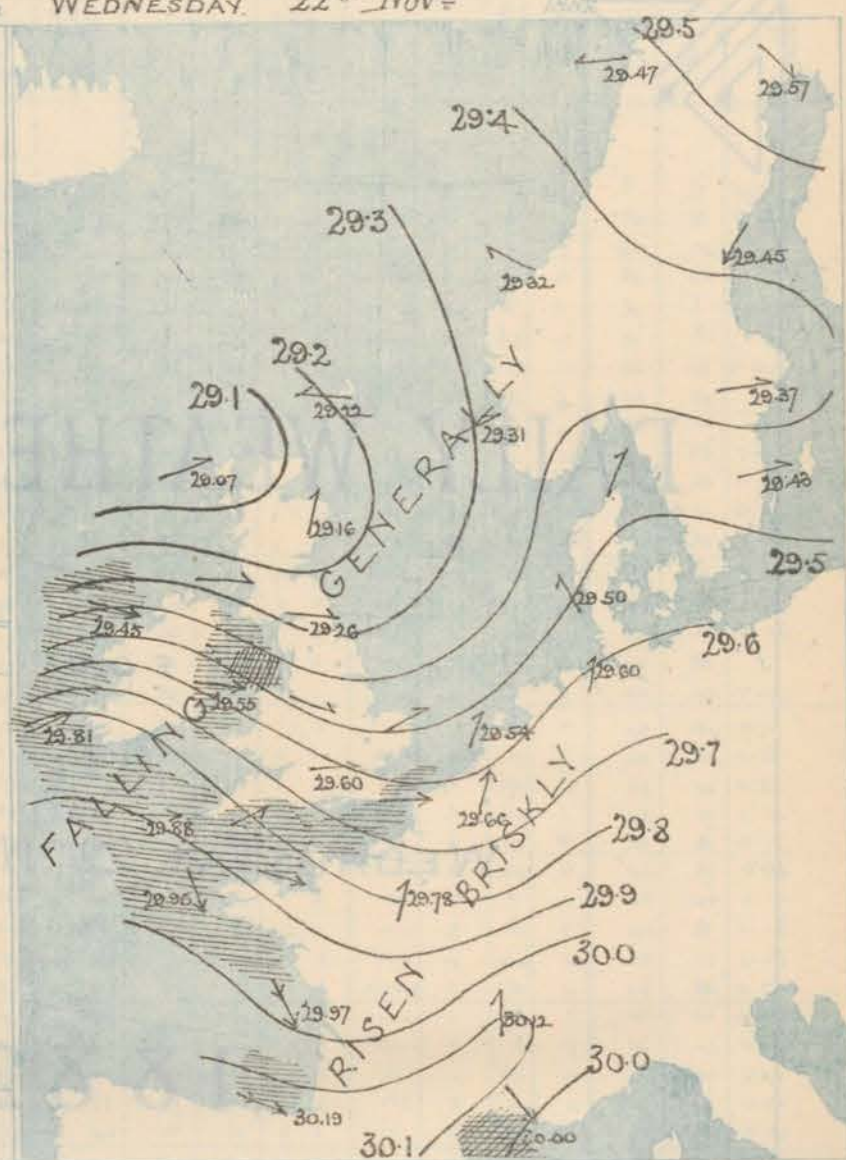
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10
 — forces 5 to 7; — forces 1 to 4.
 ⊙ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of November

Stations.	Mean Readings. Ins.
Nairn	29.87
Aberdeen	29.82
Leith	29.86
Scarborough	29.87
Ardrossan	29.87
Greencastle	29.89
Holyhead	29.89
Valencia	29.89
Roche's Pt	29.87
Plymouth	29.90
LONDON	29.91
Yarmouth	29.91

* 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.

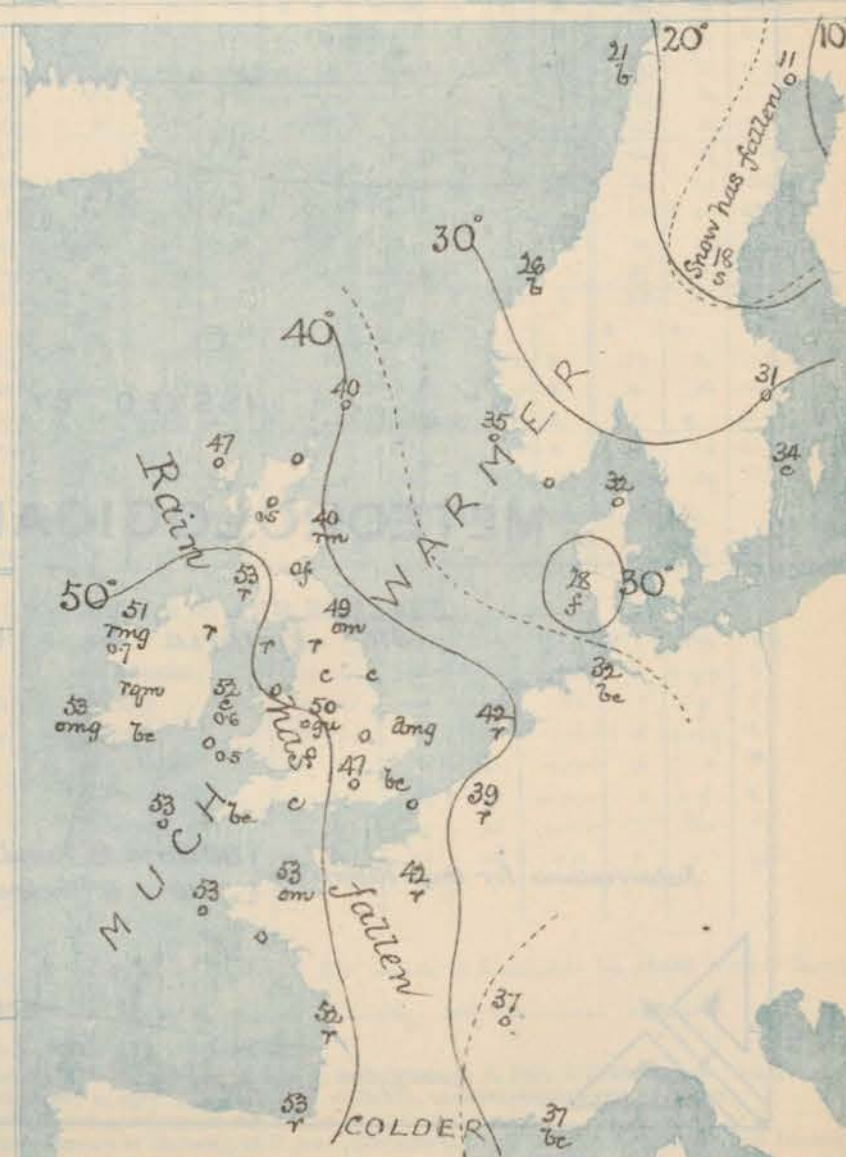
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 November

Stations	Temp	Rain-fall
Sunderburgh Head	41.4	2.51
Sternesay	41.8	4.20
Aberdeen	41.5	2.81
Shields	42.0	2.83
York	42.4	4.82
Mullaghmore	42.3	?
Holyhead	44.7	5.34
Portsmouth	43.7	2.45
Valencia	44.8	1.50
Sally (St Mary's)	46.3	4.19
Hurst Castle	44.7	?
Dover	44.2	3.80
LONDON	45.6	1.80
Yarmouth	43.3	2.13

* 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 22nd Nov^r 1882 at 8 a.m.

In the course of the past night a deep depression has advanced to the N. of Scotland, and the barometer has consequently fallen generally - quickly in the more N. districts. Over France, however, the mercury at present rises. S^W and SW^W winds prevail in the E. of Scotland, but on our other coast the wind is W^W, while in the Bay of Biscay it is NW^W. In force it is light or moderate on all our E. and N. coasts, but blows strongly or with the force of a gale in the W. and SW. The weather is cloudy in most places, with rain at all our NW-stations and mist or fog in the NE. In the course of the past 24 hours rain has fallen generally, the amount measured at the NW-stations being large. Temperature has risen quickly - the change over Central England varying from 15° to 17° - and readings now range from 53° at several of the western and south-western stations to 38° at Kains.

The sea is high at Liverpool, rough in the coast and south-west generally.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

23rd NOVEMBER.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Wind veering to NW. and increasing; cloudy, rain at times.	6 SCOTLAND WEST	Same as N° 2
2 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N.W.	W ^W to NW ^W winds, strong to a gale; cloudy, showery.
3 ENGLAND NE	W ^W to NW ^W winds, moderate to strong; dull, rain at times.	8 ENGLAND S.W.	-----D°-----D°-----D°-----
4 ENGLAND EAST	Same as N° 5	9 IRELAND NORTH	W ^W to NW ^W strong winds and gales; cloudy and showery to fair.
5 MIDLAND COUNTIES	Same as N° 5	10 IRELAND SOUTH	SW ^W to NW ^W winds, fresh or strong; dull and rainy to fair.
6 ENGLAND SOUTH	W ^W winds, freshening; unsettled, rain at times.	<p>WARNINGS</p> <p>The S. cone was hoisted yesterday afternoon in districts 0, 6, 7 and 9, and in the evening in districts 2, 3, 10 and part of 5.</p>	

METEOROLOGICAL OBSERVATIONS FOR

22nd Nov^r

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.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.		
Haparanda	29.60	16	N	2	S	29.57		11	11		NE	2	0	*	18	5	0.20	
Hernösand	29.60	39	NE	6	S	29.45		12	17		NE	6	5	*	2	9	0.20	
Stockholm	29.39	32	SSW	2	O	29.37	+ .08	31	30	- 2	W	2	0	*	34	30	-	
Wisby	29.44	31	SW	2	bc	29.43	+ .06	34	32	+ 2	W	4	0	*	36	28	-	
Bodö	29.60	21	S	2	bc	29.47	- .24	24	18	- 1	E	2	0	*	2	18	-	
Christiansund	29.49	27	ESE	3	bc	29.32	- .23	26	26	0	ESE	2	0	2	30	23	-	
†Skudesnaes	29.52	37	ERE	4	O	29.31	- .24	35	34	+ 9	WSW	2	0	3	37	25	-	
Oxö (Christiansund)	29.58	40	N	2	bc	29.41	- .19	36	34	+ 10	SE	4	0	3	2	23	-	
Skagen (The Skaw)	29.54	34	N	2	bc	29.50	+ .01	32	31	0	SW	2	0	1	34	27	-	
Fanö	29.61	23	E.N.E.	2	f	29.50	- .00	28	28	+ 4	SSE	3	f	*	23	21	-	
Cuxhaven	29.50	34	N	2	S	29.60	+ .23	32	32	0	SSW	1	bc	*	36	26	-	
†Sumburgh Head	29.51	36	N	3	C	29.22	- .35	40	37	+ 3	E	3	0	3	41	34	0.01	
†Stornoway	29.54	40	SSW	2	d	29.07	- .69	47	47	+ 8	WSW	2	0	2	47	38	0.44	
Wick	29.86	37	W	0	m	29.11	- .54	41	40	+ 6	S	3	0	3	41	33	0.15	
Nairn	29.57	39	W	1	A	29.10	- .61	38	37	- 1	W	0	0	2	41	36	0.48	
†Aberdeen	29.59	37	W	2	Om	29.16	- .52	40	39	+ 3	SSW	1	nm	2	40	35	0.28	
Leith	29.65	42	W	1	A	29.18	- .55	47	47	+ 7	W	1	of	*	47	38	0.22	
†Shields	29.70	38	WNW	2	cm	29.16	- .45	49	48	+ 13	W	3	om	3	49	36	0.30	
Spurn Head	29.72	40	W	4	O	29.40	- .27	45	45	+ 7	WSW	3	C	2	45	38	0.18	
York	29.75	39	WSW	1	O	29.36	- .37	50	48	+ 15	W	3	C	*	50	35	0.17	
Loughborough	29.81	41	WSW	3	O	29.49	- .29	50	48	+ 16	WNW	4	of	*	50	33	0.12	
†Ardrossan	29.66	44	WSW	3	A	29.24	- .56	53	53	+ 12	W	4	A	3	53	40	0.36	
†Mullaghmore	29.64	50	WSW	6	Am	29.43	- .47	51	51	+ 8	W	7	ngm	6	52	43	0.71	
Donaghadee	29.71	40	W	4	A	29.38	- .48	52	51	+ 12	W	7	A	5	52	39	0.35	
Parsonstown	29.77	48	W	4	m	29.64	- .35	51	50	+ 11	W	6	ngm	*	52	39	0.40	
Barrow-in-Furness	29.74	48	W	3	A	29.38	- .40	49	49	+ 11	WSW	5	A	5	49	38	0.41	
†Holyhead	29.79	45	W	4	d	29.55	- .32	52	52	+ 6	W	5	C	5	52	43	0.59	
Liverpool (Bishop)	29.79	42	WSW	3	A	29.43	- .28	49	48	+ 7	WSW	2	0	7	48	2	0.38	
†Valencia	29.96	52	W	6	ogg	29.81	- .29	53	52	+ 14	WSW	6	omg	6	54	44	0.26	
Roche's Point	29.87	44	W	5	C	29.76	- .27	51	49	+ 6	WNW	4	bc	4	52	43	0.26	
Pembroke	29.89	46	W	4	A	29.68	- .23	53	51	+ 10	WSW	5	0	3	53	43	0.53	
†Scilly	30.03	47	WNW	4	A	29.88	- .07	53	52	+ 5	W	6	0	6	53	45	0.24	
Prawle Point	29.99	46	W	5	O	29.77	- .09	51	50	+ 12	WSW	6	bc	6	51	38	0.27	
Hurst Castle	29.93	44	WNW	3	O	29.67	- .13	51	49	+ 14	NW	4	C	3	51	36	0.29	
†Dover	29.85	40	W	3	bc	29.57	- .12	47	46	+ 9	W	5	bc	3	48	37	0.08	
†London	29.87	41	WSW	2	O	29.60	- .19	47	45	+ 13	W	3	0	*	48	34	0.13	
Oxford	29.85	42	W	4	O	29.59	- .23	50	48	+ 15	W	4	0	*	50	35	0.18	
Cambridge	29.81	40	NW	1	O	29.52	- .25	48	47	+ 15	WSW	1	0	*	48	31	0.06	
†Yarmouth	29.75	38	WNW	3	C	29.46	- .19	42	42	+ 4	WSW	2	gnd	3	42	35	0.11	
The Helder	29.68	41	NW	1	bc	29.54	- .01	42	41	+ 4	SW	2	A	2	43	37	0.16	
Cape Gris Nez	29.85	42	WNW	7	m	29.61	- .04	49	48	+ 6	W	7	0	5	2	41	0.04	
†Jersey	30.00	47	NW	3	cm	29.82	+ .02	53	52	+ 8	WNW	7	om	5	53	42	0.43	
Brest	30.12	48	WNW	4	A	29.96	+ .18	53	52	+ 3	WNW	8	0	5	?	46	0.12	
Lorient	30.07	49	N	5	C	29.93	+ .26	54	47	+ 6	NW	8	0	5	?	45	0.16	
†Rochefort	29.97	48	NNE	7	bc	29.97	+ .33	52	51	+ 6	NW	8	A	4	54	39	0.32	
Biarritz	30.06	53	N	9	A	30.19	+ .33	53	51	- 1	WNW	8	A	6	55	45	0.32	
Corunna	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	29.66	+ .04	39	38	+ 2	SSW	5	A	*	44	37	0.08	
Charleville	*	*	*	*	*	29.75	+ .15	37	35	0	SW	7	A	*	41	33	0.04	
Paris	?	41	WNW	4	bc	29.78	+ .12	42	41	+ 5	SSW	3	A	*	*	*	0.08	
Lyons	29.94	38	WNW	1	C	30.12	+ .38	37	35	+ 2	S	1	0	*	41	34	-	
Toulon	29.78	43	WNW	8	bc	30.00	+ .29	37	34	- 2	NW	7	bc	7	48	37	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.52	35	SSW	2	Am	28.12	- .42	46	46	- 17	W	5	A	*	46	29	0.33	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sen.		Bar.	Dry.	Wet.	Wind.	Wes.	Sen.		
Skudesnaes ...							Valencia ...	30.04	48	47	WSW	4	nmg	4	
Sumburgh Head	29.55	38	36	N	3	C	4	Scilly ...	30.04	51	48	NW	6	0	6
Stornoway ...	29.66	41	41	SSW	2	d	2	Dover ..	29.80	42	39	NW	3	6	1
Aberdeen ...	29.66	38	37	NW	1	om	2	London	29.85	44	40	W	2	0	*
Shields ...	29.73	42	39	WNW	4	om	3	Yarmouth ...	29.71	41	39	WNW	5	bc	3
Ardrossan ...	29.76	46	45	W	2	0	2	Jersey ...	29.96	46	42	NNW	3	C	3
Mullaghmore ...	29.86	45	44	WSW	6	ngm	5	Rochefort ...	29.80	50	48	NNE	5	0	2
Holyhead ...	29.89	48	46	W	3	0	3								

The barometer is falling again in the N. and N. and the wind has backed to the S. at Stornoway and Valencia with rain. In the E. and S. the barometer at present rises and the wind continues NW, but in many places there has been an increase of cloud.

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

F O R

THURSDAY, 23RD NOVEMBER.

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 Thursday 23rd NOVEMBER 1884

BAROMETER, WIND & SEA

Explanation of Map.

Barometer isobars are drawn for each tenth of an inch.

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

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

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

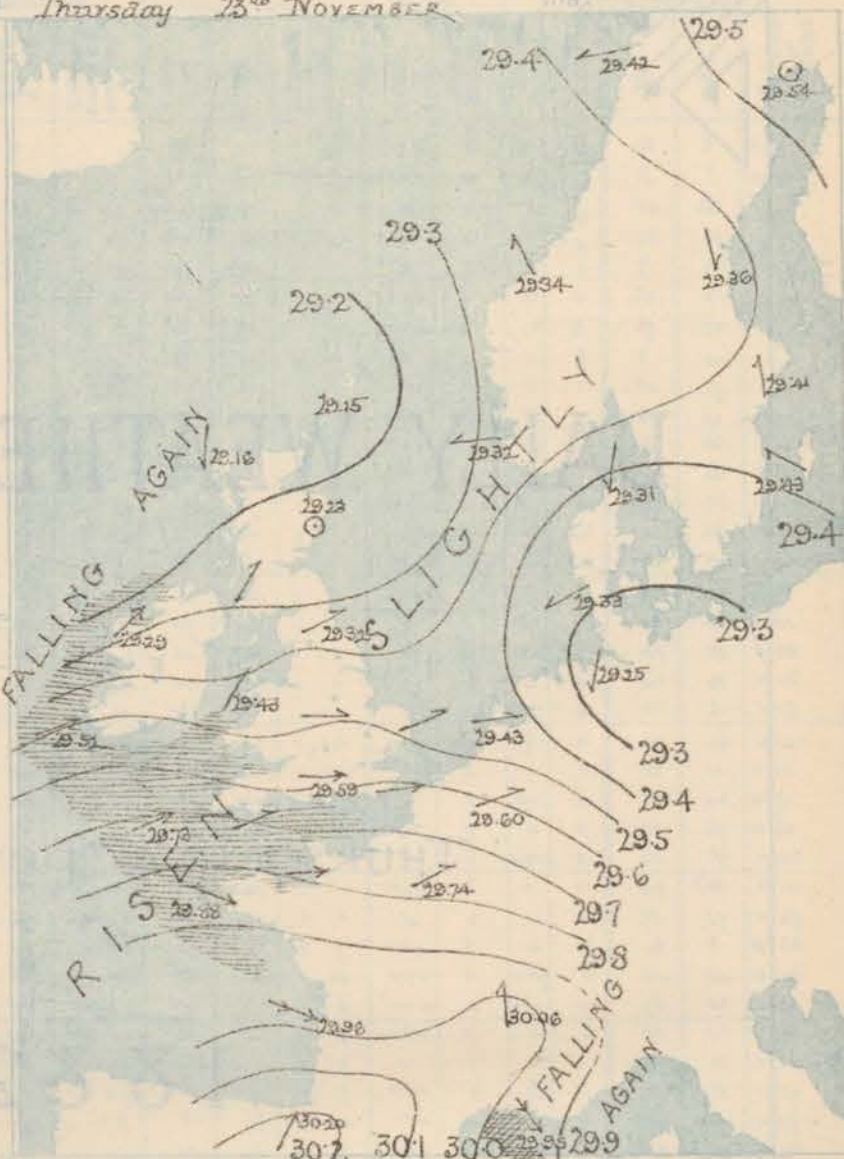
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of November

Stations	Mean Readings
Nairn	29.822
Aberdeen	29.850
Leith	29.863
Scarborough	29.887
Ardrossan	29.879
Greenock	29.887
Holyhead	29.897
Valencia	29.909
Roche's Pt.	29.873
Plymouth	29.900
LONDON	29.910
Yarmouth	29.910

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



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

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

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

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

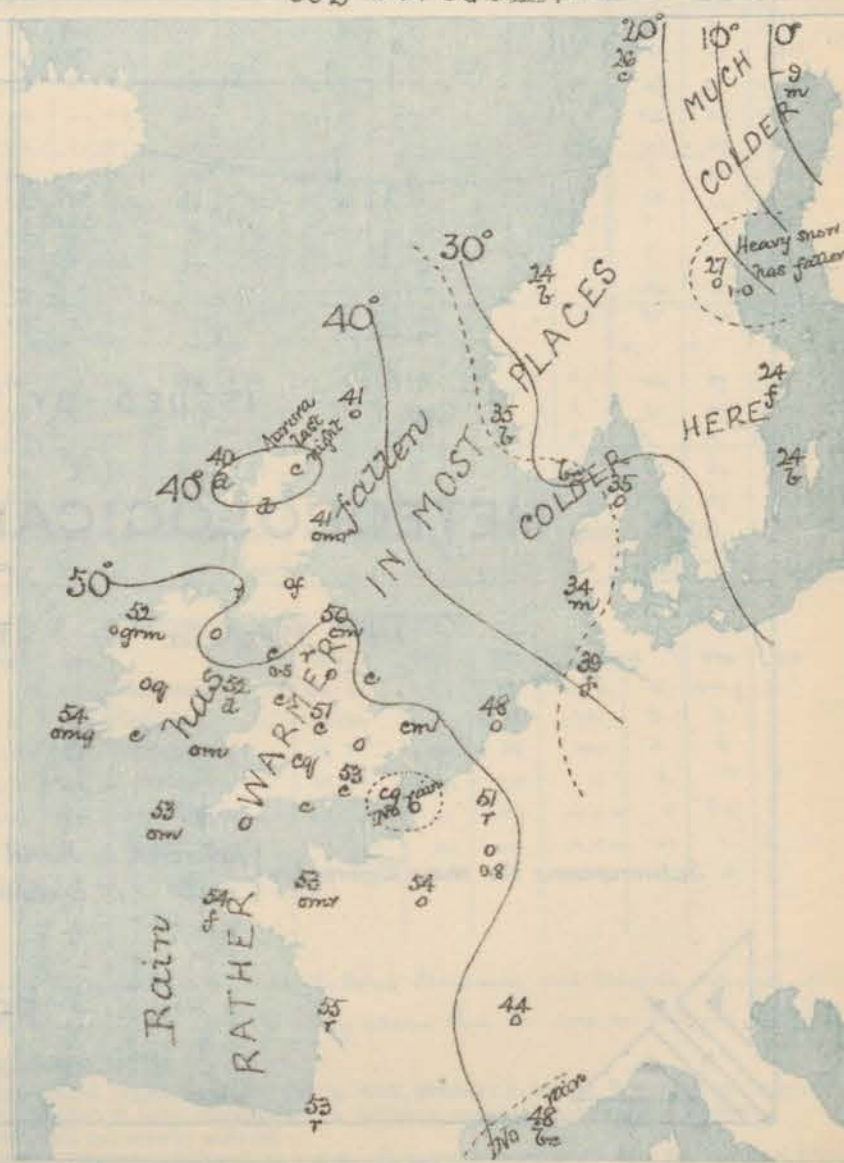
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of November

Stations	Temp	Rain-fall
Sandburgh Head	41.4	2.51
Scornemore	41.8	4.20
Aberdeen	41.5	2.41
Shields	42.0	2.45
York	42.4	7.32
Mullaghmore	42.3	?
Holyhead	41.7	3.04
Portsmouth	43.7	2.45
Valencia	44.8	4.46
Sally (St Mary's)	46.3	4.19
Hurst Castle	44.7	?
Dover	46.2	2.80
LONDON	45.6	1.49
Yarmouth	43.7	3.73

* 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 Thursday 23rd Nov^r 1882 at 8 a.m.

The depression which lay over the north of Scotland yesterday morning has since travelled SE^{wd} and is now found over North Germany. In its rear a rise of the barometer took place generally, but the mercury is now falling again in the W. and N. and fresh disturbances are evidently approaching. Light N^e and NE^e breezes are reported from Denmark but in our Islands the wind is backing towards SW. In the east of Scotland calms prevail and in the east and south of England light or moderate breezes, but on our W. and SW. coasts the wind blows fresh or strongly. The sky is cloudy or overcast generally, with rain in Scotland, the N. of Ireland and SW. of France. In the course of yesterday rain fell generally, but the amounts were in most cases small. Aurora was seen at Wick last night. Temperature remains very high, readings ranging from 57° in the south of Ireland to 37° at Wick.

The sea is rather rough in the south west and south, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

24th NOVEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Variable breezes; unsettled, rain at times.
2 SCOTLAND EAST	---D°---D°---D°---
3 ENGLAND N.E.	SW ^y and W ^y winds, moderate or fresh; some showers but fair intervals.
4 ENGLAND EAST	---D°---D°---D°---
5 MIDLAND COUNTIES	Same as No 5.
6 ENGLAND SOUTH	Wind varying between SW and W. fresh or strong; cloudy, unsettled, some rain.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SW ^y and W ^y winds, moderate or fresh; unsettled, rainy.
7 ENGLAND N.W.	SW ^y to W ^y winds, increasing; unsettled, rainy.
8 ENGLAND S.W.	W ^y winds, strong to a gale; cloudy. Some rain.
9 IRELAND NORTH	SW ^y to W ^y winds, increasing; cloudy, rain at times.
10 IRELAND SOUTH	---D°---D°---D°---
WARNINGS	The S. cone is now up in districts 2, 3, and 5 to 10. but has been lowered in districts 0 and 1.

METEOROLOGICAL OBSERVATIONS FOR

23rd NOV^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 6).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.52	0	2	0	b	29.54	+0.02	-9	-9	+20	2	0	m	#	12	?	-	
Hernösand	29.34	28	NE	4	b	29.36	+0.09	27	26	+9	7	2	q	#	28	14	0.95	
Stockholm	29.44	25	SW	2	0	29.44	+0.07	24	24	-7	2	2	f	#	32	?	-	
Wisby	29.45	31	WNW	4	b	29.45	+0.00	24	23	-10	2	2	b	#	36	?	-	
Bodö	29.41	23	ESE	2	b	29.42	-0.05	26	23	+5	ESE	2	c	1	?	10	-	
Christiansund	29.30	27	SE	2	b	29.34	+0.02	24	23	-2	SE	2	c	2	28	19	-	
Skudesnaes	29.25	27	E	4	0	29.32	+0.01	35	32	0	E	2	0	3	57	?	-	
Örö (Xunnsund)	29.27	29	NNE	4	0	29.44	+0.03	25	25	-11	WNW	2	6	2	36	25	0.28	
Skagen (The Skaw)	29.28	37	S	3	0	29.31	-0.19	35	34	+3	NNE	2	0	1	37	28	0.32	
Fanö	29.20	33	SE	4	0	29.33	-0.17	34	33	+6	ESE	2	m	#	34	28	-	
Cuxhaven	29.35	34	SE	3	0	29.28	-0.30	39	39	+7	NNE	2	f	#	?	27	0.20	
Sumburgh Head	29.20	39	E	2	b	29.18	-0.07	41	39	+1	?	3	0	3	42	36	0.23	
Stornoway	29.23	43	WNW	2	0	29.16	+0.09	40	40	-7	N	1	d	1	47	37	0.02	
Wick	29.18	42	WNW	1	0	29.18	+0.07	39	36	-4	2	0	c	2	42	36	0.43	
Nairn	29.30	41	2	0	0	29.20	+0.10	41	40	+3	2	0	d	1	41	37	0.03	
Aberdeen	29.15	42	NW	4	b	29.23	+0.07	41	39	+1	2	0	om	2	48	39	0.03	
Leith	29.12	50	N	5	b	29.26	+0.08	49	48	+2	SW	1	of	#	54	43	-	
Shields	29.12	50	NW	5	0	29.32	+0.06	50	48	+1	WSW	4	om	2	54	49	0.01	
Spurn Head	29.30	51	W	6	c	29.42	+0.02	48	47	+3	SW	3	c	2	51	45	0.06	
York	29.28	53	N	4	0	29.41	+0.05	51	49	+1	SW	1	0	#	54	48	0.01	
Loughborough	29.43	52	N	2	0	29.46	-0.01	51	49	+1	N	2	c	#	54	49	0.08	
Ardrossan	29.27	51	N	4	c	29.26	+0.02	50	50	-3	SW	3	A	2	54	47	0.16	
Mullaghmore	29.44	51	WSW	6	om	29.29	-0.16	52	51	+1	SW	5	agm	5	52	49	0.33	
Donaghadee	29.39	52	WNW	6	c	29.34	-0.04	49	48	-3	SW	2	0	0	54	48	0.07	
Parsonstown	29.56	52	W	4	0	29.43	-0.21	53	51	+2	N	4	om	#	53	50	0.00	
Barrow-in-Furness	29.59	50	SW	6	A	29.40	+0.02	50	49	+1	WSW	4	c	5	51	49	0.50	
Holyhead	29.46	54	W	6	mg	29.43	-0.12	52	52	0	SW	4	d	3	54	51	0.04	
Liverpool (Biston)	29.41	50	WSW	6	0	29.43	-0.00	49	48	0	N	3	c	3	51	49	0.21	
Valencia	29.70	53	W	6	mg	29.52	-0.29	54	54	+1	SW	5	om	5	55	51	0.09	
Roche's Point	29.64	53	WNW	4	b	29.58	-0.21	54	53	+3	WSW	5	c	2	55	44	-	
Pembroke	29.61	53	W	7	0	29.53	-0.15	53	53	0	WSW	6	om	5	54	52	0.04	
Scilly	29.77	53	WSW	7	om	29.73	-0.15	53	53	0	WSW	6	om	6	54	52	0.03	
Prawle Point	29.74	52	WSW	8	0	29.71	-0.06	52	52	+1	WSW	3	0	5	54	50	0.06	
Hurst Castle	29.63	51	WNW	6	c	29.66	-0.01	50	50	-1	WNW	4	c	5	54	50	-	
Dover	29.50	53	WNW	5	c	29.60	+0.03	51	50	+4	W	5	q	3	54	46	-	
London	29.54	53	W	5	0	29.59	-0.01	53	51	+6	N	5	c	#	54	47	0.01	
Oxford	29.58	52	SW	4	0	29.57	-0.02	51	50	+1	WSW	5	q	#	53	50	0.01	
Cambridge	29.41	53	N	2	0	29.53	+0.01	51	50	+3	SW	1	0	#	55	46	0.01	
Yarmouth	29.33	51	N	6	0	29.47	+0.01	52	51	+10	WSW	2	om	3	52	41	0.22	
The Helder	29.25	48	W	5	A	29.43	-0.11	48	47	+6	W	3	c	2	48	41	0.43	
Cape Gris Nez	29.53	52	N	8	0	29.67	+0.06	52	51	+3	W	5	0	4	54	48	-	
Jersey	29.31	53	W	7	c	29.78	-0.04	53	53	0	W	6	om	5	54	52	0.04	
Brest	29.91	53	WNW	7	A	29.88	-0.08	54	54	+1	WNW	5	f	5	54	46	0.28	
Lorient																		
Rocheport	30.03	53	NW	8	A	29.96	+0.01	55	55	+3	WNW	8	A	4	57	46	0.39	
Biarritz	30.25	54	WNW	7	A	30.20	+0.01	53	52	0	SW	5	A	5	59	48	0.04	
Corunna															*	*	*	
Brussels						29.60	-0.06	51	51	+12	WSW	4	A	*	?	?	0.75	
Charleville	29.60	49	W	5	0	29.67	-0.08	50	48	+13	W	4	0	*	52	37	0.43	
Paris	29.75	53	WSW	4	A	29.74	-0.04	54	52	+12	WSW	1	0	*	*	*	-	
Lyons	30.07	39	S	1	0	30.06	-0.06	44	43	+7	?	1	0	*	?	36	0.04	
Toulon	30.02	42	NW	8	b	29.95	-0.05	48	44	+11	WNW	8	b	7	?	37	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.11	48	W	4	A	28.15	+0.03	46	45	0	WSW	5	f	*	48	45	0.32	

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.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudeenaes ...	29.25	36	35	ase	4	0	3	Valencia ...	29.68	54	54	WSW	6	mg	6
Sumburgh Head	29.18	40	37	E	3	6	3	Scilly ...	29.73	54	53	W	7	op	6
Stornoway ...	29.06	45	44	WNW	3	0	2	Dover ..	29.80	51	49	W	5	6	3
Aberdeen ...	29.06	42	41	SW	1	om	2	London ...	29.52	54	51	WNW	5	0	*
Shields ...	29.15	53	51	WNW	5	0	2	Yarmouth ...	29.35	50	49	W	5	A	3
Ardrossan ...	29.23	52	52	W	4	0	3	Jersey ...	29.80	54	52	W	8	c	6
Mullaghmore ...	29.44	52	52	W	7	mg	4	Rocheport ...	30.00	55	53	WNW	8	0	4
Holyhead ...	29.54	53	53	W	5	dq	4								

The depression in the N. is apparently moving SEth and the fall of the barometer has nearly ceased in the NW. At Valencia, however, there are signs of the approach of a subsidiary disturbance and the mercury is falling decidedly. The wind has veered to NW. at Stornoway, but is little changed elsewhere. Cloudy weather still prevails generally.

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT

FOR

FRIDAY, 24TH NOVEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.



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ROBERT H. SCOTT

(SECRETARY.)

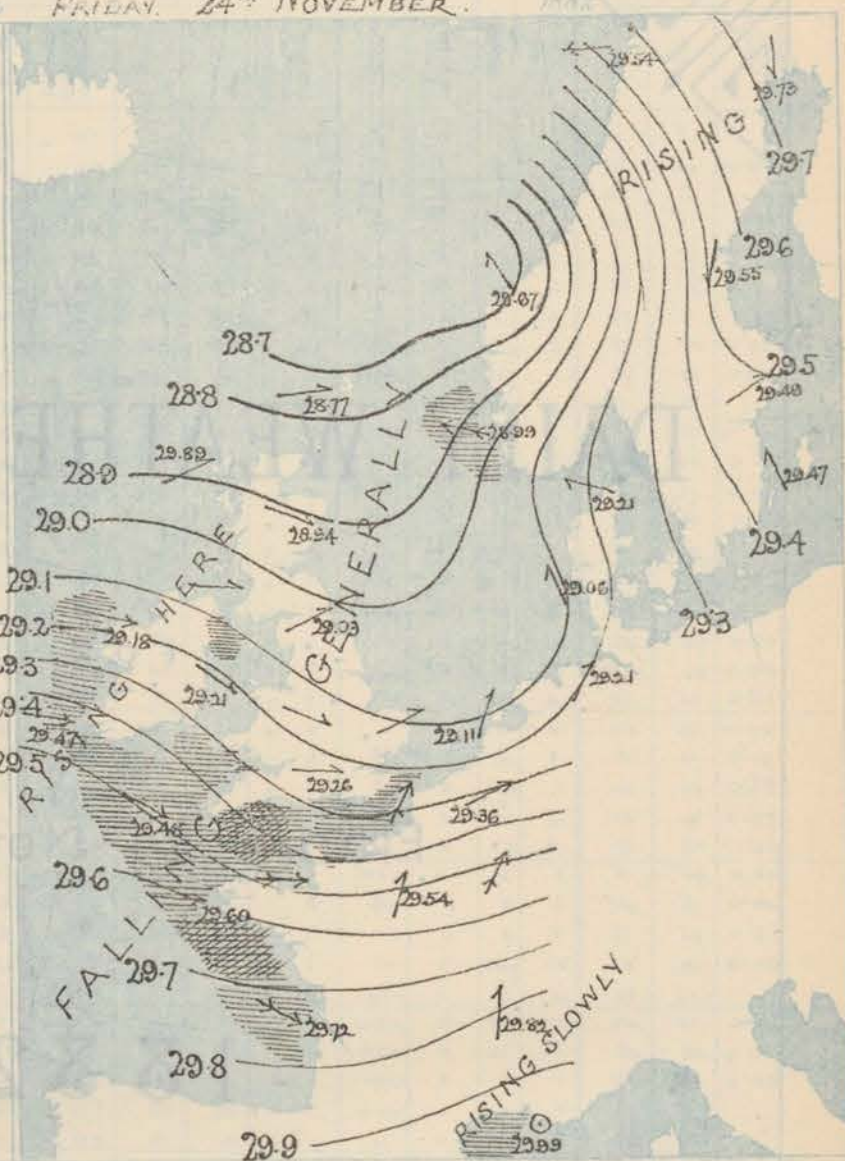
for 8 a.m. on FRIDAY, 24TH NOVEMBER.

Explanation of Map.

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

for the month of November

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

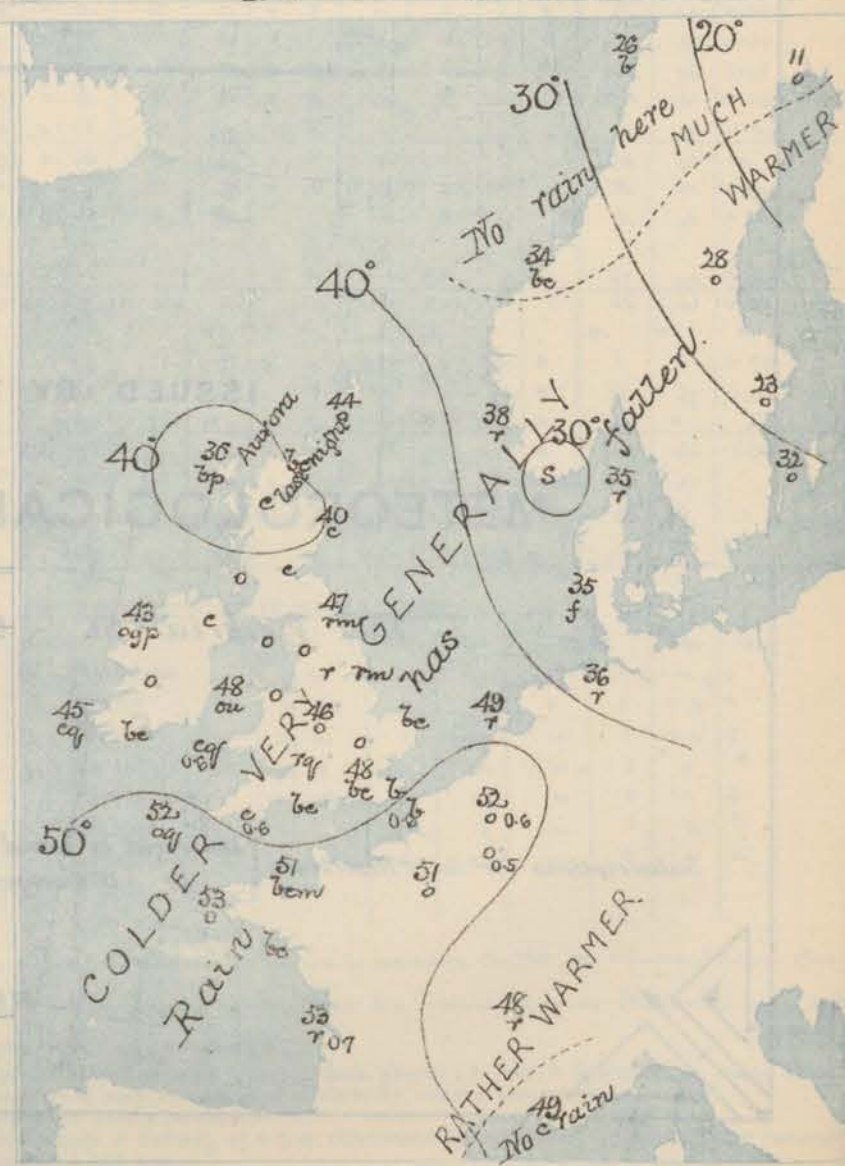


with RAINFALL in PAST 24 HOURS

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.

for the month of November

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 Friday 24th Nov^r 1862 at 8 a.m.

The fall of the barometer noticed generally yesterday is still in progress at all but our extreme western stations, where a brisk recovery has set in. A large depression, in which readings are below 28.7-ins. lies off the W. coast of Norway, while several subsidiary disturbances are found over the North Sea, but all of them are apparently passing away to the Erd. Est and SEst winds prevail in Norway and Denmark, but in our Islands and France the wind is still from the Wst; in the extreme W., however, it is inclined to veer towards NW. In force it is light in the E. and N., fresh or strong in the W. and S. A moderate or fresh gale from SW. and W. was felt in the Channel and S. of England last night. The weather is at present fair in the extreme N. of Scotland and SE. of England, cloudy or overcast elsewhere with rain in the E. of England and showers at Mullaghmore. In the course of yesterday rain fell generally. Bright aurora was again seen at Wick last night. Temperature has fallen generally - quickly in the W. - and reading range from 52° at Scilly to 36° at Stromsøy. Sea is rough in the S. and SW.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

25th NOVEMBER.

[ISSUED AT 11 a.m. on previous day]

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	W st and NW st winds, moderate or fresh; fair generally but some showers.
2 SCOTLAND EAST	-----D°-----D°-----D°-----
3 ENGLAND N.E.	W st to NW st winds, light or moderate; occasional showers.
4 ENGLAND EAST	Same as No 5.
5 MIDLAND COUNTIES	Same as No 5.
6 ENGLAND SOUTH	W st winds, perhaps veering to NW., fresh or strong; unsettled, some showers.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as No 2
7 ENGLAND N.W.	W st to NW st winds, fresh or strong; cloudy, some showers.
8 ENGLAND S.W.	-----D°-----D°-----D°-----
9 IRELAND NORTH	W st and NW st winds, fresh and strong; some showers, but with fair intervals.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	The S. cone is now down on all coasts.

METEOROLOGICAL OBSERVATIONS FOR

24th NOV^r

1882

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.63	-7	Z	0	b	29.73	+19	11	11	+20	Z	2	0	*	?	-9	-		
Hernösand	29.49	24	Z	0	b	29.55	+19	28	25	+1	WNE	2	0	*	28	23	0.08		
Stockholm	29.41	20	SW	2	0	29.49	+05	23	22	-1	WSW	2	0	*	30	19	0.08		
Wisby	29.44	34	SSW	6	c	29.47	+04	32	31	+8	SSW	4	0	*	36	23	0.04		
Bodö	29.47	24	ESE	2	b	29.54	+12	26	22	0	E	6	6	2	?	23	-		
Christiansund	29.27	28	S	5	b	28.67	-67	34	30	+10	SE	4	bc	1	34	21	-		
†Skudesnæs	29.23	41	SE	9	h	28.99	-33	38	36	+3	ESE	8	h	5	41	34	-		
Oxö (Xianund)	29.39	31	N	6	0	29.15	-29	27	26	+2	NE	8	S	4	32	?	0.08		
Skagen (The Skaw)	29.47	33	E	2	c	29.21	-10	35	35	0	ESE	4	h	3	36	28	0.04		
Fanö	29.34	34	SE	4	0	29.06	-27	35	35	+1	SE	2	f	*	36	32	0.20		
Cuxhaven	29.30	36	SE	1	f	29.21	-04	36	36	-3	SW	4	h	*	?	34	0.12		
†Sumburgh Head	29.01	41	ENE	1	0	28.77	-38	44	42	+3	W	3	0	3	44	38	0.11		
†Stornoway	28.94	43	E	1	m	28.89	-27	36	35	-4	WSW	4	bc	3	43	35	0.38		
Wick	28.95	42	Z	0	f	28.89	-29	40	38	+3	W	1	bc	2	45	34	0.34		
Nairn	28.94	42	Z	0	0	28.92	-28	39	37	-2	SW	4	c	3	44	39	0.11		
†Aberdeen	28.97	45	SSW	1	om	28.94	-29	40	38	-1	WNW	1	c	1	46	37	0.10		
Leith	28.99	49	W	3	bc	28.99	-27	44	43	+5	WSW	2	c	*	53	43	0.03		
†Shields	29.12	52	SW	2	0	29.03	-29	47	46	-3	WSW	2	nm	2	53	47	0.02		
Spurn Head	29.24	50	SW	3	h	29.06	-36	45	45	-3	WSW	2	nm	1	52	44	0.22		
York	29.23	52	WSW	2	0	29.09	-32	46	45	-5	W	1	h	*	54	44	0.06		
Loughborough	29.23	53	NW	5	h	29.17	-31	46	45	-5	WNW	3	0	*	56	46	0.30		
†Ardrossan	29.06	50	WSW	3	0	29.05	-21	45	44	-5	W	3	0	2	51	44	0.10		
†Mullaghmore	29.15	49	WSW	6	h	29.18	-11	43	41	-9	W	6	ogp	6	52	39	0.21		
Donaghadee	29.16	49	W	4	c	29.16	-18	43	42	-6	WNW	4	c	2	53	43	0.05		
Parsonstown	29.25	49	SW	1	0	29.34	-09	42	40	-11	W	3	0	*	53	41	0.10		
Barrow-in-Furness	29.19	49	SW	2	0	29.09	-31	47	46	-3	NW	3	0	4	51	47	0.18		
†Holyhead	29.25	52	WSW	2	0	29.21	-22	48	48	-4	WNW	4	ow	4	53	45	0.21		
Liverpool (Bidston)	29.22	51	SW	3	0	29.16	-27	46	46	-3	WSW	5	0	3	55	45	0.12		
†Valencia	29.26	50	SW	2	og	29.47	-05	45	43	-9	W	6	cq	6	55	44	0.31		
Roche's Point	29.27	57	WSW	4	c	29.41	+14	46	44	-8	W	5	bc	4	55	45	0.28		
Pembroke	29.29	53	WSW	5	h	29.31	-22	50	48	-3	W	6	cq	6	53	50	0.63		
†Scilly	29.46	54	WN	7	h	29.48	-25	52	50	-1	WNW	6	og	6	55	50	0.30		
Prawle Point	29.46	52	SW	8	h	29.38	-33	49	48	-3	WSW	6	c	7	53	48	0.62		
Hurst Castle	29.49	52	W	7	h	29.34	-32	49	49	-1	WNW	6	bc	6	52	48	0.38		
†Dover	29.46	52	WSW	6	0	29.28	-32	48	47	-3	W	5	b	4	54	47	0.46		
†London	29.42	54	SSW	5	h	29.26	-33	48	46	-5	W	4	bc	*	58	47	0.33		
Oxford	29.32	53	SW	6	h	29.24	-33	47	47	-4	WSW	6	og	*	55	47	0.18		
Cambridge	29.35	53	SW	2	0	29.21	-32	48	46	-3	SW	2	0	*	55	45	0.08		
†Yarmouth	29.35	53	SW	4	h	29.14	-33	48	47	-4	WSW	5	bc	3	54	47	0.15		
The Helder	29.32	48	SSW	h	c	29.11	-32	49	49	+1	SW	3	h	2	50	46	0.43		
Cape Gris Nez	29.50	52	SW	8	f	29.31	-36	51	50	-1	SW	8	b	6	54	48	0.35		
†Jersey	29.63	55	WSW	6	mo	29.48	-30	51	50	-2	W	8	bc	6	55	50	0.29		
Brest	29.68	54	WSW	8	h	29.60	-28	53	50	-1	W	7	0	5	54	50	0.24		
Lorient	29.73	55	WNW	7	0	29.60	-28	53	50	-1	WNW	8	bc	7	55	50	0.30		
†Rochefort	29.91	56	WNW	7	h	29.72	-24	53	53	-2	WNW	8	h	3	59	46	0.67		
Biarritz																			
Corunna																			
Brussels						29.36	-24	52	49	+1	WSW	5	0	*	55	51	0.59		
Charleville						29.42	-25	50	48	0	SW	8	0	*	55	50	0.51		
Paris	29.78	56	SW	3	0	29.54	-20	51	49	-3	SSW	3	0	*	*	*	0.16		
Lyon	30.01	47	SE	1	0	29.82	-24	48	47	+4	S	1	h	*	49	?	-		
Toulon	29.93	54	W	7	bc	29.99	+04	49	48	+1	Z	0	c	5	55	48	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	27.95	47	WSW	7	h	27.88	-27	47	43	-3	SW	4	0	*	48	42	0.23		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudeanaes ...	29.32	39	36	SE	7	0	4	Valencia ...	29.38	53	52	WSW	4	0	4
Sumburgh Head	29.39	40	38	W	1	0	2	Scilly ...	29.57	54	54	SW	7	h	6
Stornoway ...	29.02	43	43	E	3	h	2	Dover ..							
Aberdeen ...	29.98	44	43	S	1	om	2	London	29.52	56	54	WSW	4	6	*
Shields ...	29.23	53	59	SW	3	og	2	Yarmouth ...	29.44	54	52	WSW	3	0	3
Ardrossan ...	29.12	50	50	SW	4	h	3	Jersey ...	29.70	54	54	W	6	0	5
Mullaghmore ...	29.20	50	49	WSW	6	ogm	6	Rochefort ...	29.95	59	59	WNW	8	h	4
Holyhead ...	29.31	53	53	SW	4	m	3								

The barometer continued to fall briskly in the N. and N. and less rapidly in the S.E. At Scilly the wind has backed to SW. and increased with rain, but in other places the winds and weather are 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 show; r. equally; s. 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

SATURDAY, 25TH NOVEMBER.

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 25TH NOVEMBER

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.

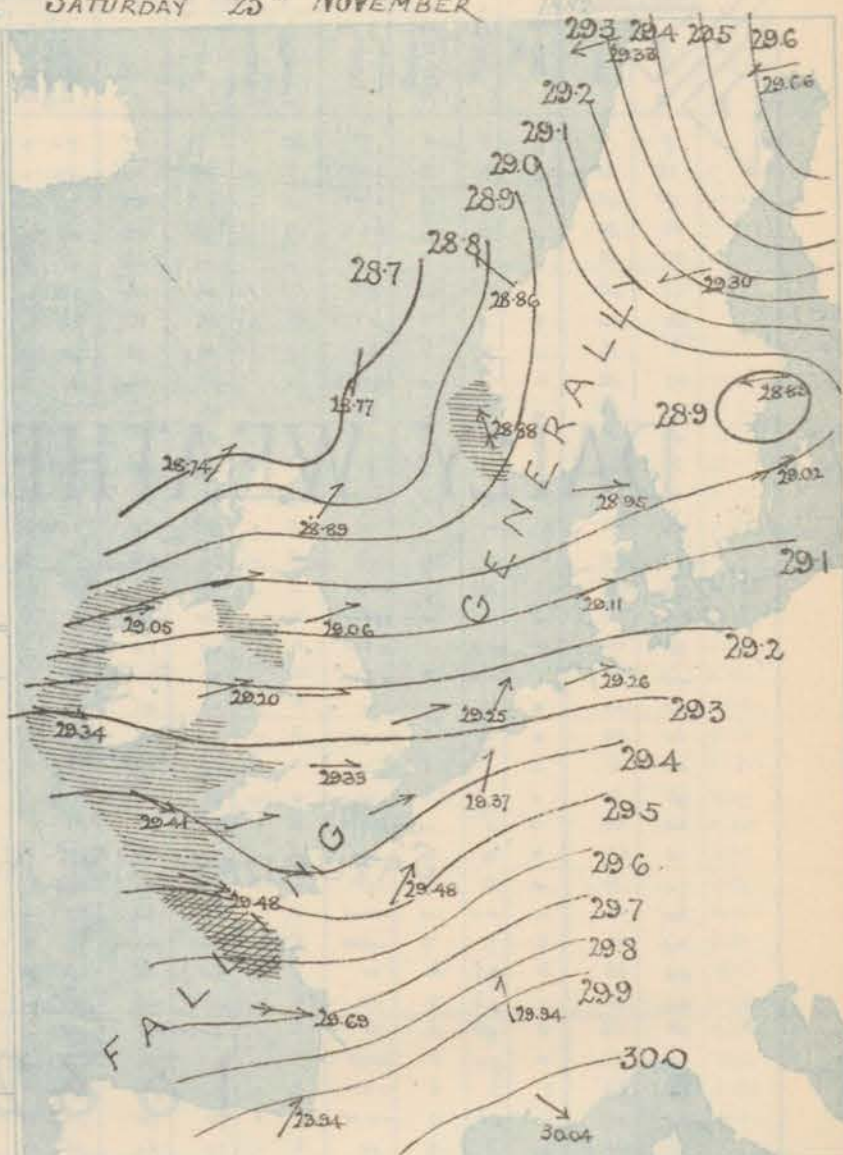
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10;
→ forces 5 to 7; → forces 1 to 4;
○ dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of November

Stations.	Mean Readings Inch
Nairn	29.622
Aberdeen	29.626
Leith	29.863
Scarborough	29.867
Ardrossan	29.879
Greenock	29.883
Holyhead	29.891
Valencia	29.900
Roche's Pt.	29.872
Plymouth	29.900
LONDON	29.910
Yarmouth	29.910

* 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.

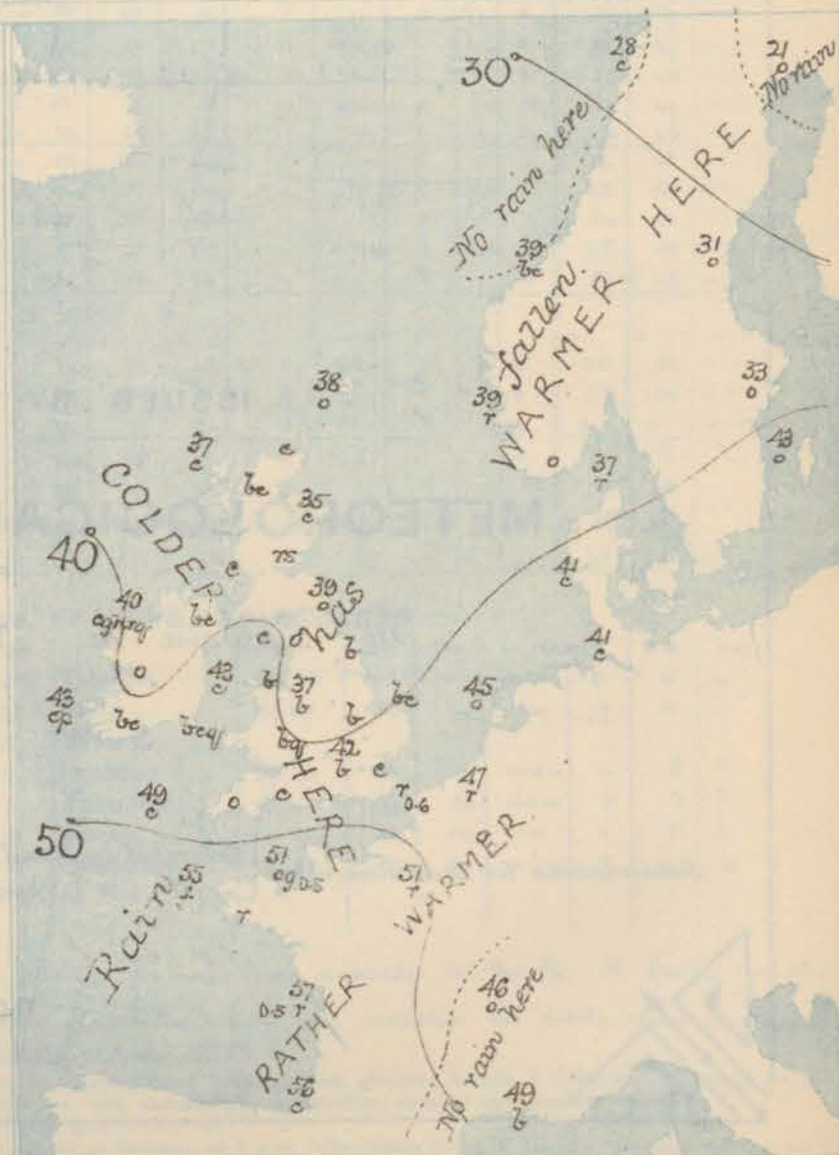
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

MEANS* OF TEMPERATURE AND RAINFALL for the month of November

Stations	Temp.	Rain-fall
Sanbury Head	51.4	2.31
Stornoway	51.5	2.30
Aberdeen	51.5	2.31
Shields	52.0	2.33
Kirk	52.4	2.37
Mullaghmore	52.9	2.40
Holyhead	54.7	2.68
Paranstown	54.2	2.45
Valencia	54.8	2.50
Sally (St Mary's)	56.3	2.19
Ilurst Castle	54.7	2.40
Dover	54.2	2.30
LONDON	53.6	2.19
Farmouth	53.3	2.13

* 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 25th NOV^r 1882 at 8 a.m.

Since yesterday morning another large area of very low pressure has appeared to the N^W of Scotland, while some shallow subsidiary disturbances have advanced over our more southern districts. The barometer has consequently fallen slightly generally, and readings vary from about 28.7 ins. in the extreme N. of Scotland to 29.9 ins. in the S. of France. W² winds prevail at all but the Scandinavian stations, where SE⁴ breezes are general. In all the more N. and E. districts the wind is light or moderate in strength, but in the W. it is fresh or strong, and in the N. of Ireland there is a moderate gale.

The weather is fine in the SE. of England, but cloudy and unsettled in most other localities, with showers of rain at Valencia, of hail at Mullaymore and of sleet at Leith. In the course of yesterday showers fell generally. Thunder lightning occurred at Ardrossan last evening. Temperature has again fallen, and ranges from 51° at Jersey to 35° at Kain and Aberdeen.

The sea is rough in the west and south-west, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

26th NOVEMBER

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SW ² and W ² winds, light or moderate; unsettled, probably some showers.	6 SCOTLAND WEST	Same as N ^o 0. and 1.
2 SCOTLAND EAST	D ^o ----- D ^o ----- D ^o	7 ENGLAND N.W.	W ² winds, moderate to strong; cloudy, some showers.
3 ENGLAND N.E.	W ² winds, light to fresh or strong; cloudy, some showers.	8 ENGLAND S.W.	W ² winds, strong, perhaps a gale; some showers.
4 ENGLAND EAST	Same as N ^o 5	9 IRELAND NORTH	W ² winds, fresh and strong, a gale in exposed places; unsettled, showers of hail or rain.
5 MIDLAND COUNTIES	Same as N ^o 5	10 IRELAND SOUTH	D ^o ----- D ^o
6 ENGLAND SOUTH	W ² winds, moderate to fresh or strong; unsettled, some showers.	WARNINGS	The S. cone was hoisted last evening in districts 2, 3 and 5 to 10.

METEOROLOGICAL OBSERVATIONS FOR

25th Nov^r 1882

	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).		at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.			
Haparanda	29.73	20	Z	0	0	29.66	- .07	21	21	+ 10	E	2	0	*	21	- 8	-		
Hernösand	29.47	32	Z	0	0	29.30	- .25	31	30	+ 3	E	4	0	*	36	23	0.20		
Stockholm	29.25	35	ESE	4	h	29.19	- .06	33	33	+ 10	E	6	0	*	36	21	0.12		
Wishy	29.11	35	ESE	6	h	29.02	- .45	43	41	+ 11	WSW	8	0	*	30	30	0.32		
Bodö	29.52	26	E	4	6	29.33	- .21	28	25	+ 2	ESE	6	0	2	23	-	-		
Christiansund	28.96	38	SE	4	c	28.86	+ .10	39	35	+ 5	SE	3	60	2	39	30	-		
†Skudesnaes	29.23	38	E	4	h	28.88	- .11	39	37	+ 1	ESE	8	h	5	41	37	-		
Örö (Kiansund)	29.02	29	NNE	6	0	28.95	- .20	31	31	+ 4	N	4	0	3	?	27	0.08		
Skagen (The Skaw)	29.02	37	SW	2	0	28.95	- .26	37	36	+ 2	WSW	4	h	2	37	32	0.16		
Fanö	29.10	41	WSW	4	c	29.11	+ .05	41	39	+ 6	WSW	4	c	*	43	33	0.24		
Cuxhaven	29.13	47	WSW	5	h	29.26	+ .08	41	41	+ 5	WSW	3	c	*	43	36	0.16		
†Sumburgh Head	28.80	39	W	3	6	28.77	- .00	38	36	- 6	NNE	2	0	3	44	33	0.02		
†Stornoway	28.79	40	S	4	0	28.74	- .15	37	36	+ 1	SW	4	e	3	40	33	0.21		
Wick	28.81	36	W	2	6	28.69	- .20	36	35	- 4	W	2	c	h	41	32	-		
Nairn	28.84	36	SW	2	0	28.83	- .09	35	33	- 4	SW	2	60	1	40	35	0.04		
†Aberdeen	28.88	37	SW	1	60	28.89	- .05	35	33	- 5	SW	2	0	1	43	30	-		
Leith	28.96	41	W	2	c	28.93	- .01	38	37	+ 6	WSW	1	h	*	45	36	0.26		
†Shields	29.07	39	WSW	5	c	29.06	+ .03	39	37	- 8	WSW	1	om	2	48	36	0.01		
Spurn Head	29.19	38	W	5	60	29.18	+ .12	38	37	- 7	SW	4	6	2	47	37	0.06		
York	29.19	41	SW	3	0	29.16	+ .07	38	37	- 8	S	2	0	*	32	37	0.06		
Loughborough	29.29	41	W	5	60	29.26	+ .09	37	35	- 9	W	3	6	*	51	37	0.02		
†Ardrossan	29.00	42	W	4	pgs	28.97	- .08	42	42	+ 3	WSW	4	c	3	45	37	0.21		
†Mullaghmore	29.14	43	WNW	7	ogp	29.05	- .13	40	39	- 3	WSW	7	egh	6	44	39	0.43		
Donaghadee	29.08	38	WNW	1	c	29.05	- .11	36	35	- 7	W	7	60	5	43	35	0.12		
Parsonstown	29.31	38	SW	1	6	29.24	- .10	38	36	- 4	WNW	2	0	*	43	35	0.17		
Barrow-in-Furness	29.45	43	SW	6	60	29.42	+ .03	43	40	- 4	WSW	5	e	5	47	40	0.16		
†Holyhead	29.25	43	W	5	eg	29.20	- .01	43	43	- 5	WSW	3	e	3	43	41	0.10		
Liverpool (Oldston)	29.23	41	WSW	5	6	29.17	+ .01	39	38	- 7	WSW	4	6	4	47	39	0.12		
†Valencia	29.42	46	W	4	og	29.34	- .13	43	42	- 2	W	4	cp	5	49	40	0.19		
Roche's Point	29.37	46	W	5	60	29.32	- .09	41	39	- 5	W	4	60	4	40	38	0.08		
Pembroke	29.36	48	W	6	c	29.29	- .02	47	43	- 3	W	5	60	5	50	46	0.02		
†Scilly	29.54	49	W	8	og	29.41	- .07	49	46	- 3	WNW	6	c	6	52	46	0.10		
Prawle Point	29.52	47	WSW	6	60	29.38	- .00	44	44	- 5	WSW	2	0	4	32	44	0.18		
Hurst Castle	29.49	48	WNW	6	c	29.35	- .01	47	45	- 2	WNW	3	c	h	52	45	0.01		
†Dover	29.45	46	W	4	6	29.33	+ .05	45	44	- 3	WSW	2	c	1	52	44	0.04		
†London	29.42	47	W	5	60	29.33	+ .07	42	40	- 6	W	2	6	*	53	41	-		
Oxford	29.40	47	SW	5	0	29.31	+ .07	40	40	- 7	SW	3	60	*	52	40	0.01		
Cambridge	29.35	43	SW	2	6	29.28	+ .07	38	37	- 10	SW	1	6	*	52	36	-		
†Yarmouth	29.31	45	WSW	4	6	29.28	+ .14	40	39	- 8	WSW	2	60	2	50	38	0.01		
The Helder	?	47	?	6	60	29.25	+ .14	45	42	- 4	SW	5	0	3	?	45	0.24		
Cape Gris Nez	29.48	50	WSW	7	60	29.38	+ .07	46	46	- 5	WSW	5	h	4	54	48	0.63		
†Jersey	29.62	49	W	6	egm	29.40	- .08	51	51	0	W	4	og	4	58	42	0.47		
Brest	29.72	50	WNW	5	0	29.48	- .12	53	53	+ 2	WNW	7	f	6	?	48	0.43		
Lorient	29.69	52	WNW	7	6	29.43	- .12	56	56	+ 3	W	8	h	7	?	46	0.39		
†Rochefort	29.32	54	WNW	8	c	29.69	- .03	57	56	+ 4	W	9	h	4	59	43	0.47		
Biarritz	30.02	57	W	7	0	29.94	- .03	56	52	+ 1	SW	4	e	2	59	48	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.07	+ .01	47	46	- 5	SSW	4	h	*	53	46	0.16		
Charleville	29.62	49	SW	8	0	?	?	45	45	- 5	SW	5	0	*	55	39	0.35		
Paris	29.61	52	SW	3	60	29.48	- .06	51	50	0	SSW	5	h	*	*	*	0.16		
Lyons	29.91	49	SW	1	60	29.94	+ .12	46	44	- 2	ESE	3	0	*	52	44	-		
Toulon	29.96	50	W	4	6	30.04	+ .05	49	47	0	WNW	5	6	3	54	46	-		

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

Hawes Junction	29.91	34	WSW	4	0	29.89	35	34	- 8	W	4	c	3	43	32	0.22
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudesnaes	28.99	41	37	ESE	7	0	5	Valencia	29.45	46	44	W	6	ogp	6
Sumburgh Head	28.79	44	41	W	3	0	3	Scilly	29.56	31	49	W	7	0	6
Stornoway	28.83	40	38	S	4	0	3	Dover	29.38	51	49	W	5	60	44
Aberdeen	28.92	42	40	SW	1	60	1	London	29.37	53	48	W	4	c	*
Shields	29.08	45	43	WSW	2	c	2	Yarmouth	29.24	49	48	WSW	4	c	3
Ardrossan	29.00	41	41	WSW	4	h	3	Jersey	29.59	50	50	W	7	c	6
Mullaghmore	29.14	42	39	W	8	egh	7	Rochefort	29.78	55	53	WNW	8	c	4
Holyhead	29.25	43	43	WNW	5	ph	5								

The barometer is rising over England, but is again falling at all the Scotch and Irish stations. The W. winds in the N. of Ireland have increased to a moderate or fresh gale, and at Stornoway the wind has backed to S. Hail showers are reported from Mullaghmore and Holyhead.

EXPLANATION OF COLUMNS.

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

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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.

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

DAILY WEATHER REPORT

FOR

SUNDAY 26TH NOVEMBER.

1882

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on SUNDAY 26th NOVEMBER 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.

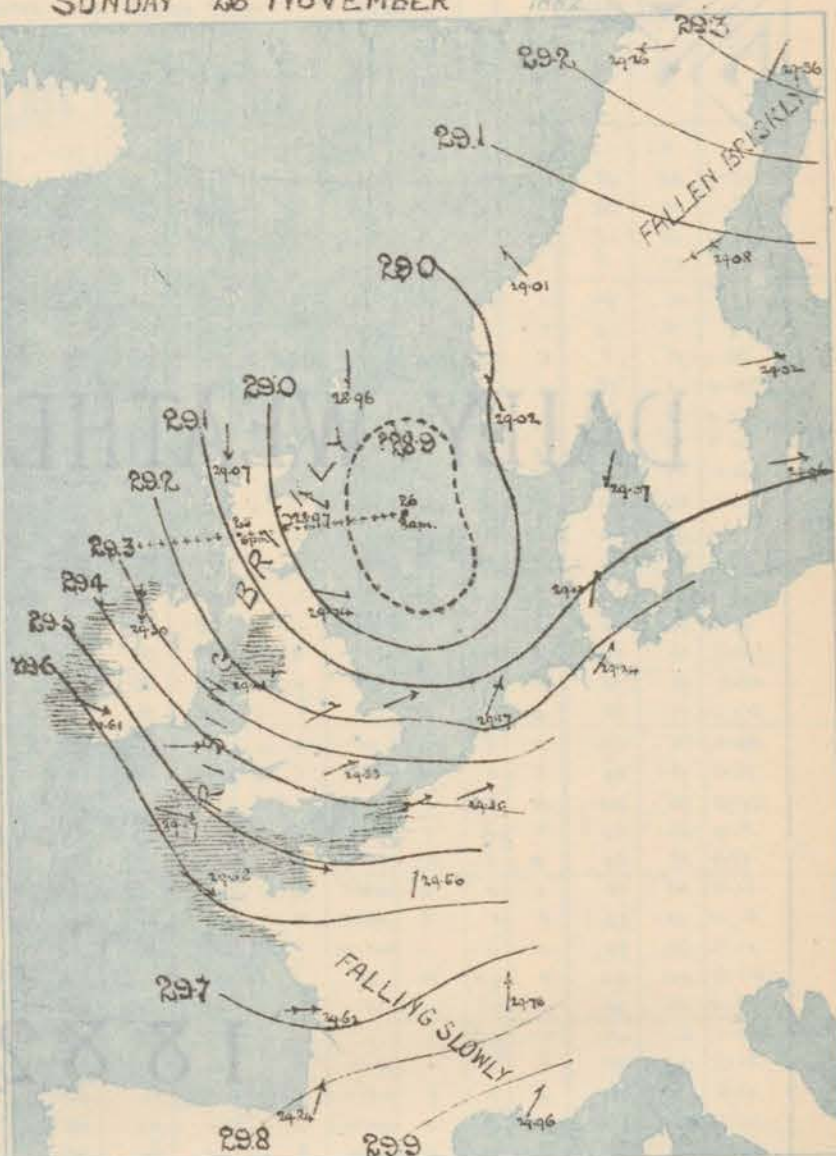
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10
→ forces 5 to 7; → forces 1 to 4
○ - dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of November

Stations.	Mean Readings In.
Nairn	29.622
Aberdeen	29.620
Leith	29.663
Scarborough	29.687
Ardrossan	29.670
Greenock	29.664
Holyhead	29.607
Valencia	29.930
Rocha's Pt.	29.873
Plymouth	29.960
LONDON	29.940
Vermouth	29.910

* 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.

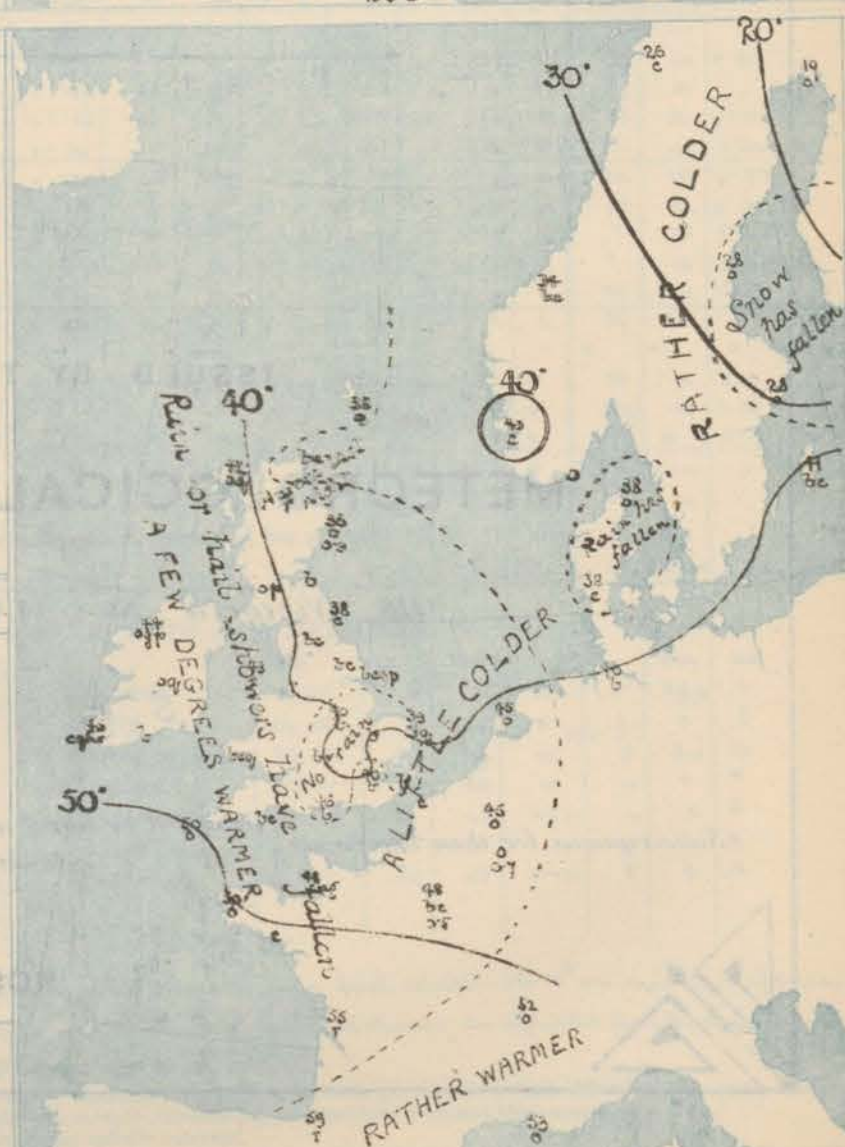
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of November

Stations	Temp.	Rain-fall
Sumburgh Head	41.4	2.51
Sternoway	41.8	4.30
Aberdeen	41.5	2.01
Shields	42.0	2.83
York	42.4	2.72
Malldaghmore	43.2	2
Holyhead	43.2	0.08
Portsmouth	43.7	2.45
Valencia	44.8	1.80
Sally (St Mary's)	46.3	4.19
Hurst Castle	44.7	7
Dover	44.2	3.00
LONDON	45.6	7.88
Kornmouth	45.3	2.13

* 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 26th Nov^R 1882 at 8 a.m.

During the latter part of yesterday a fresh depression in which the barometer was below 28.8 ins., advanced over Scotland causing a steady fall of the mercury on all our coast. This disturbance is now travelling away over the North Sea, and the barometer is rising briskly generally. The wind has veered to N.W. or N. in the more N. district, but remains N.W. elsewhere and varies in strength from a light breeze in the E. of Scotland to a strong breeze at many of the W. and S. stations, and a moderate or fresh gale in the N.W. The weather is at present fine in the S. of England, but more or less cloudy in all other districts, with showers in many places. Aurora was seen in the N. of Scotland last evening.

Temperature has risen a little at the majority of stations and readings at present range from 50° at Scilly to 33° at Wick.

The sea is rough on all our W- and S- coasts.

FORECASTS

for the 24 hours ending at Noon
on the

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

MAP SHOWING
DISTRICTS



DISTRICTS		FORECASTS	
1	SCOTLAND NORTH	0	
2	SCOTLAND EAST	W	
3	ENGLAND N E	S	
4	ENGLAND EAST	S	
5	MIDLAND COUNTIES	N	
6	ENGLAND SOUTH	N	
7	SCOTLAND WEST	0	
8	ENGLAND N.W.	W	
9	ENGLAND S.W.	S	
10	IRELAND NORTH	S	
11	IRELAND SOUTH	N	
		WARNINGS	

METEOROLOGICAL OBSERVATIONS FOR 26th Nov^r

1882

† YESTERDAY EVENING.							8 A.M. TODAY							LAST 24 HOURS				
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.		WIND.		Weather.	Sea. (0 to 5).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.41	2	NE	4	o	29.26	- .10	19	18	- 2	NE	4	o	*	23	18	-	
Hermosano	29.04	29	ENE	9	s	29.08	- .22	28	27	- 3	ENE	8	o	*	26	26	0.24	
Stockholm	28.98	33	WSW	4	a	29.02	+ .13	28	27	- 5	W	2	o	*	37	?	0.16	
Wisby	29.07	40	WSW	6	bc	29.08	+ .04	41	38	- 2	W	6	bc	*	45	34	-	
Bodö	29.24	28	E	6	b	29.26	- .07	26	22	- 2	E	6	c	3	28	23	-	
Christiansund	28.91	37	SE	2	c	29.01	+ .15	34	30	- 5	SE	3	bc	2	41	30	-	
†Skudesnes	28.93	41	SSE	6	c	29.02	+ .14	40	37	+ 1	SSE	4	c	4	41	39	-	
Oxö (XOISUND)	28.99	38	NNE	2	o	29.07	+ .12	32	31	+ 1	NNE	4	o	3	34	?	-	
Skagen (The Skaw)	29.04	36	WSW	3	r	29.07	+ .12	38	37	+ 1	NE	2	o	1	39	32	0.39	
Faro	29.12	39	SSW	2	c	29.11	- .00	38	37	- 3	SSW	4	c	*	43	36	0.20	
Onsö	29.22	38	SW	2	bc	29.24	- .02	40	39	- 1	SW	2	b	*	45	36	-	
†Sumburgh Head	28.77	38	NNE	1	o	28.96	+ .19	38	36	0	NNE	1	o	2	40	35	0.35	
†Stornoway	28.81	32	W	1	bc	29.07	+ .33	42	40	+ 5	N	6	og	4	42	30	0.24	
Wick	28.84	32	NW	1	bc	28.99	+ .30	33	32	- 3	NW	1	bc	2	37	26	-	
Narvik	28.88	36	Z	0	r	28.95	+ .12	35	34	0	W	5	r	3	40	34	0.01	
†Aberdeen	28.86	36	SW	1	c	28.97	+ .08	36	34	+ 1	NW	2	o	2	39	33	0.88	
Inverness	28.79	40	W	2	o	29.01	+ .03	36	34	- 2	W	2	b	*	40	33	0.10	
†Shields	28.97	40	SW	3	o	29.04	- .02	38	36	- 1	WNW	4	c	2	42	34	0.02	
Spurn Head	29.18	41	SSW	3	b	29.08	- .10	42	41	+ 4	WSW	7	bcg	3	44	27	0.02	
York	29.08	40	WSW	2	b	29.10	- .06	40	38	+ 2	W	3	bc	*	44	37	0.23	
Loughborough	29.20	40	WSW	4	b	29.20	- .06	40	38	+ 3	WSW	4	b	*	45	37	-	
†Ardrossan	28.75	43	WSW	4	bc	29.09	+ .12	42	43	+ 1	W	2	op	2	47	37	0.23	
†Mullaghmore	29.00	43	W	6	bcg	29.20	+ .25	44	43	+ 4	N	8	og	6	46	39	0.30	
Donaghadee	28.97	40	WNW	4	bc	29.18	+ .13	40	39	+ 4	WNW	3	r	1	44	35	0.11	
Parsonstown	29.19	40	W	2	bc	29.43	+ .19	42	39	+ 4	W	3	og	*	44	35	0.13	
Barrow-in-Furness	29.02	44	SW	6	o	29.14	+ .02	42	41	0	WNW	5	c	6	46	42	0.17	
†Holyhead	29.09	45	WSW	6	bc	29.21	+ .01	42	42	0	W	7	r	6	46	41	0.03	
Liverpool (Sidney)	29.07	41	SW	6	o	29.18	- .01	39	38	0	W	6	r	4	45	37	0.10	
†Valencia	29.33	45	W	6	bc	29.61	- .27	45	42	+ 2	NW	5	bcg	6	49	42	0.09	
Roche's Point	29.31	45	W	4	bc	29.52	+ .20	45	43	+ 4	WNW	6	b	4	48	38	-	
Pembroke	29.23	48	W	6	bc	29.38	+ .29	47	44	0	W	6	bcg	5	48	46	-	
†Scilly	29.39	48	W	6	o	29.57	+ .16	48	47	+ 1	WNW	6	o	6	51	46	0.02	
Prawle Point	29.37	45	W	5	r	29.48	+ .10	45	43	+ 1	W	5	bc	5	50	42	0.10	
Hurst Castle	29.34	47	WNW	5	c	29.40	+ .05	46	46	- 1	WNW	6	b	4	49	45	-	
†Dover	29.38	45	W	4	bc	29.55	+ .02	43	41	- 2	WSW	5	b	4	48	42	-	
†London	29.33	43	W	3	b	29.39	- .06	40	38	- 2	WSW	3	b	*	50	40	0.02	
Oxford	29.28	41	W	3	bc	29.38	+ .02	40	39	0	SW	4	bc	*	47	40	-	
Cambridge	29.22	43	SW	2	o	29.27	- .05	41	38	+ 3	SW	2	b	*	48	37	-	
†Yarmouth	29.25	42	SW	3	bc	29.21	- .07	39	37	- 1	WSW	5	bcg	3	44	38	-	
The Helder	29.24	45	WSW	4	bc	29.17	- .08	45	41	0	SW	7	o	3	46	41	0.16	
Cape Gris Nez	29.38	49	WSW	5	?	29.40	+ .02	48	46	+ 2	WSW	8	c	6	50	45	0.08	
†Jersey	29.41	50	W	5	o	29.51	+ .12	48	45	- 3	WNW	6	bcg	5	52	46	0.15	
Brest	29.48	52	NW	5	o	29.58	+ .10	50	45	- 5	NW	5	o	5	54	46	0.20	
Lorient	29.49	55	WNW	8	r	29.58	+ .10	?	?	?	NW	5	c	5	57	46	0.16	
†Rochefort	29.66	59	W	9	r	29.62	- .07	55	55	- 2	W	8	r	4	59	50	0.35	
Biarritz	29.92	57	S	5	o	29.84	- .10	59	55	+ 3	SSW	5	r	4	66	54	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	29.39	+ .02	45	44	- 2	WSW	3	o	3	50	45	0.16	
Charleville	?	?	?	?	?	29.46	?	46	44	+ 1	SW	4	o	*	59	38	0.67	
Paris	29.49	56	SW	4	o	29.56	+ .08	45	45	- 3	SSW	4	bc	*	*	*	0.27	
Lyons	29.55	50	SSE	4	o	29.76	- .18	52	50	+ 6	S	7	o	*	53	?	-	
Toulon	30.04	52	W	5	o	29.96	- .08	53	52	+ 4	SW	1	o	2	54	48	-	

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

Hawes Junction	29.50	37	SW	4	r	29.58	35	34	W	5	bc	*	38	32	0.53
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.
Skudesness ...	28.91	41	39	SSE	6	o	5	Valencia ...	29.30	48	43	W	6	bcg	6
Sumburgh Head	28.78	38	37	NW	2	r	3	Scilly ...	29.39	50	48	W	6	o	6
Stornoway ...	28.78	36	35	WSW	3	bc	3	Dover ..	29.38	47	45	WSW	3	bc	2
Aberdeen ...	28.87	38	36	SW	2	b	1	London ...	29.33	49	45	W	4	o	*
Shields	29.03	42	37	WSW	3	m	2	Yarmouth ...	29.25	44	41	WSW	3	bc	2
Ardrossan ...	28.93	44	44	SSW	4	c	3	Jersey ...	29.45	50	49	W	4	o	4
Mullaghmore	28.88	45	43	W	8	ogp	6	Rochefort ...	29.69	58	57	W	9	r	4
Holyhead	29.16	45	45	SW	5	bc	4								

The changes in pressure are very slight. The barometer is rising slowly in the N. of Scotland, but falling in most other districts. The winds are very little changed, and the weather fair at the majority of stations. The sea is moderate at Holyhead, smooth at Brest.

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) c. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

DAILY WEATHER REPORT

FOR

MONDAY, 27TH NOVEMBER.

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 MONDAY, 27th NOVEMBER 1882

BAROMETER, WIND & SEA.

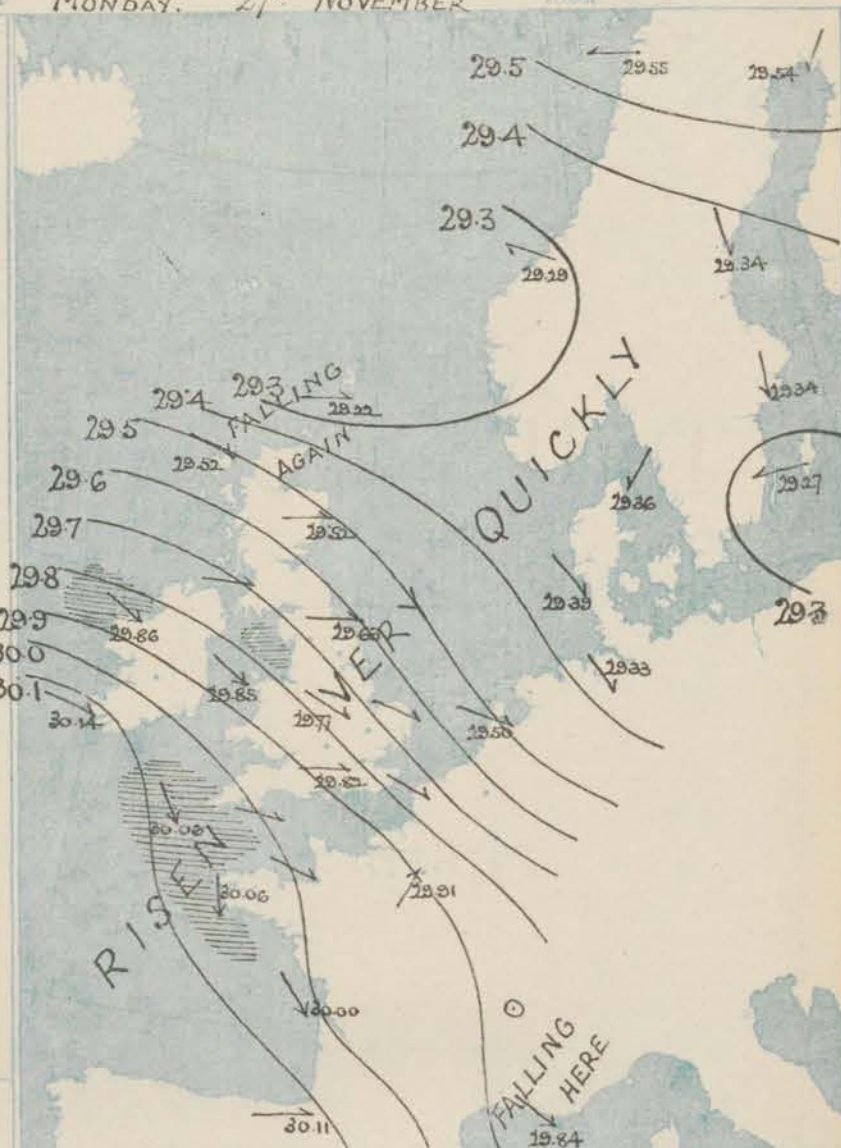
Explanation of Map.

- 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 November.

Stations.	Mean Readings.
	In.
Nairn	29.822
Aberdeen	29.820
Leith	29.868
Scarborough	29.887
Ardrossan	29.879
Greencastle	29.864
Holyhead	29.897
Valencia	29.938
Roche's Pt.	29.873
Plymouth	29.960
LONDON	29.940
Yarmouth	29.910

* 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 November.

Stations	Temp.	Rain-fall.
Sundburgh Head	41.4	2.51
Sternoway	41.8	4.30
Aberdeen	41.5	2.91
Shields	42.0	2.33
York	42.9	2.32
Mullaghmore	43.3	?
Holyhead	44.7	8.08
Parsonstown	43.7	2.45
Valencia	44.8	4.80
Sally (St Mary's)	46.3	4.19
Hurst Castle	44.2	?
Dover	44.2	3.10
LONDON	43.6	1.80
Wormouth	43.3	3.13

* 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 27th NOV 1882 at 8 a.m.

The rise of the barometer noticed yesterday continues generally, and the highest readings are now found off our S.W. coasts, while the lowest are reported from the Scandinavian stations. In the N. parts of Norway and Sweden the wind is NE^{ly} or E^{ly}, but on all our own and the French coasts it is W^{ly} or NW^{ly} varying in strength from a moderate breeze in the SE. and E. to a strong breeze in the W. and NW. In the course of last evening a fresh NW^{ly} gale was experienced in the extreme N. of Scotland. The weather is fine and bright on all but our extreme NW. and N. coasts, where showers of hail or sleet are reported. Showers fell yesterday in nearly all parts of the Kingdom. Temperature has fallen a little generally, and varies from 47° at Scilly to 32° at Kilm.

The sea is rough in the north-west and also at Scilly, but is slight or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

28th NOVEMBER.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	W ^{ly} winds, moderate, to NW ^{ly} , strong; unsettled, some snow showers.
2 SCOTLAND EAST	---D ^{ly} ---D ^{ly} ---D ^{ly} ---
3 ENGLAND N.E.	W ^{ly} winds, moderate, to NW ^{ly} , fresh or strong;
4 ENGLAND EAST	Same as No 5
5 MIDLAND COUNTIES	Same as No 5.
6 ENGLAND SOUTH	W ^{ly} and NW ^{ly} winds, moderate to fresh; fair generally, but some showers.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as Nos 0. and 1.
7 ENGLAND N.W.	NW ^{ly} winds, fresh and strong; unsettled, some showers.
8 ENGLAND S.W.	NW ^{ly} winds, moderate and fresh; fair generally.
9 IRELAND NORTH	W ^{ly} to NW ^{ly} winds, fresh or strong; unsettled, showery.
10 IRELAND SOUTH	Same as No 8.
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

27th Nov^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	29.37	12	NE	4	0	29.54	+ 18	11	10	- 8	NE	4	0	*	19	10	-		
Hernösand	29.26	21	NNE	6	0	29.34	+ 26	19	17	- 9	N	4	0	*	30	19	-		
Stockholm	29.22	27	NNW	2	0	29.37	+ 35	24	23	- 4	N	2	0	*	34	21	-		
Wisby	29.17	12	NE	4	0	29.27	+ 21	34	32	- 7	E	2	0	*	45	34	-		
Bodö	29.36	26	E	6	0	29.55	+ 29	22	19	- 4	E	4	6	2	31	21	-		
Christiansund	29.18	23	E	3	C	29.29	+ 28	23	26	- 6	ESE	3	C	2	34	25	-		
†Skudesnaes																			
Oxö (Kristiansund)	29.18	32	NNE	6	0	29.41	+ 34	27	26	- 5	NNE	4	5	3	34	27	-		
Skagen (The Skaw)	29.23	33	E	4	bc	29.36	+ 29	32	30	- 6	NNE	4	0	3	31	30	-		
Fanö	29.08	39	W	4	0	29.39	+ 28	32	31	- 6	NNW	4	C	*	41	32	0.20		
Cuxhaven	29.24	39	WSW	5	bc	29.33	+ 09	39	39	- 1	NNW	2	C	*	43	36	0.02		
†Sumburgh Head	29.12	37	N	1	bc	29.22	+ 26	38	36	- 0	W	4	0	3	44	35	0.11		
†Stornoway	29.42	39	NNW	6	C	29.52	+ 45	36	34	- 6	NW	4	5	3	43	34	0.04		
Wick	29.15	37	NW	3	A	29.43	+ 44	33	33	- 0	W	4	sp	3	39	31	0.30		
Nairn	29.31	40	WNW	6	0	29.52	+ 57	32	32	- 3	SW	2	C	2	41	32	0.26		
†Aberdeen	29.22	37	NW	4	og	29.52	+ 55	34	32	- 2	W	2	C	3	38	33	0.37		
Leith	29.34	42	NW	3	A	29.61	+ 60	35	33	- 1	WSW	3	C	*	39	33	0.04		
†Shields	29.25	43	N	4	0	29.63	+ 59	34	33	- 4	W	3	C	2	43	32	-		
Spurn Head	29.22	44	W	6	C	29.65	+ 57	38	36	- 4	W	5	C	3	44	37	-		
York	29.27	45	NW	4	0	29.68	+ 58	35	33	- 5	WNW	2	C	*	48	33	-		
Loughborough	29.31	43	WNW	5	C	29.77	+ 55	37	35	- 3	WNW	3	C	*	46	36	0.19		
†Ardrossan	29.37	45	W	4	0	29.66	+ 57	42	41	- 1	W	3	0	2	47	36	0.06		
†Mullaghmore	29.66	43	NNW	7	bcpp	29.86	+ 56	42	41	- 2	WNW	6	clay	6	46	40	0.22		
Donaghadee	29.52	42	N	6	bc	29.78	+ 60	35	34	- 5	W	4	C	2	46	35	0.23		
Parsonstown	29.31	38	WNW	1	bc	30.00	+ 57	36	35	- 6	W	1	C	*	44	35	0.09		
Barrow-in-Furness	29.33	44	NW	6	C	29.74	+ 60	40	38	- 3	NW	4	bc	5	47	40	0.03		
†Holyhead	29.50	46	NW	8	cu	29.85	+ 64	43	43	- 0	NW	6	C	4	47	42	0.05		
Liverpool (Biston)	29.43	45	WNW	6	C	29.80	+ 62	39	38	- 0	WNW	3	0	4	45	37	0.61		
†Valencia	29.28	45	NW	5	bcpp	30.14	+ 53	45	43	- 0	WNW	4	clay	4	49	42	0.11		
Roche's Point	29.80	42	NNW	5	C	30.05	+ 53	41	39	- 4	W	2	C	3	47	37	-		
Pembroke	29.62	46	WNW	5	bc	29.95	+ 57	44	41	- 3	NW	5	bc	4	48	44	-		
†Scilly	29.71	48	NW	6	C	30.06	+ 49	47	45	- 3	NNW	6	C	6	50	44	-		
Prawle Point	29.67	46	WNW	4	bc	29.98	+ 50	37	37	- 7	WNW	3	C	4	49	37	0.01		
Hurst Castle	29.56	44	NW	4	C	29.90	+ 50	39	39	- 7	NNW	4	C	4	50	38	-		
†Dover	29.43	45	W	5	C	29.78	+ 43	39	36	- 4	NW	4	C	2	48	37	-		
†London	29.48	44	WNW	2	bc	29.82	+ 49	36	35	- 4	W	3	C	*	48	36	0.01		
Oxford	29.36	42	NW	4	C	29.85	+ 52	36	35	- 4	W	3	C	*	47	35	-		
Cambridge	29.39	44	SW	2	C	29.75	+ 48	37	35	- 4	W	2	C	*	47	34	0.01		
†Yarmouth	29.28	42	WSW	5	og	29.66	+ 45	36	34	- 3	WNW	4	C	3	45	34	0.01		
The Holder	29.25	43	WSW	5	A	29.50	+ 33	44	42	- 1	WNW	4	0	3	46	43	0.08		
Cape Gris Nez																			
†Jersey	29.67	48	WNW	5	C	29.98	+ 46	45	41	- 3	NW	4	bc	4	51	42	0.10		
Brest	29.76	49	N	4	bc	30.06	+ 48	46	42	- 4	N	5	bc	5	54	45	0.04		
Lorient	29.73	49	NNW	5	C	30.02	+ 44	45	42	- 7	NNW	5	C	3	50	43	-		
†Rochefort	29.72	52	NW	5	A	30.00	+ 38	50	45	- 5	NNW	5	bc	2	59	43	0.32		
Biarritz	29.86	57	SW	5	0	30.11	+ 27	52	?	- 7	W	4	bc	3	63	45	0.47		
Corunna	*	*	*	*	*									*	*	*	*		
Brussels	*	*	*	*	*									*	*	*	*		
Charleville	29.61	43	SW	3	0	29.80	- 34	40	38	- 6	SW	4	0	*	52	40	0.04		
Paris	29.65	49	WSW	4	bc	29.91	+ 35	42	41	- 6	SW	3	C	*	*	*	-		
Lyons	29.79	51	SE	1	A	?	?	41	40	- 11	E	1	bc	*	55	40	0.12		
Toulon	29.88	52	SE	0	C	29.24	- 12	50	49	- 3	NW	7	bc	4	57	50	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.09	39	WNW	5	0	28.46	+ 58	33	32	- 2	W	3	C	*	40	31	0.04		

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.08	40	38	S	1	0	4	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...								Dover ..							
Aberdeen ...								London ...					*		
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	29.69	55	54	NW	7	0	3
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, 28TH NOVEMBER.

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, 28th NOVEMBER, 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.

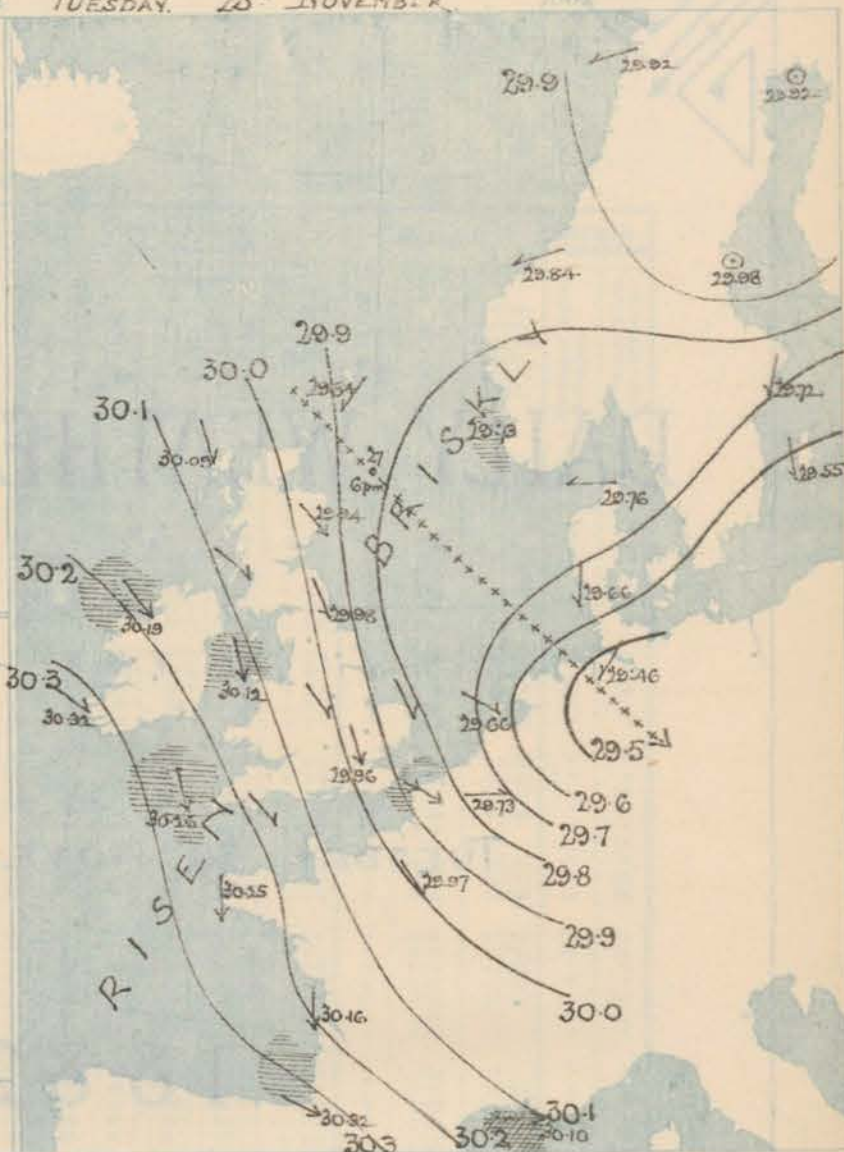
○ - dead calm.

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

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

Stations	Mean Readings Inch
Nairn	29.822
Aberdeen	29.820
Leith	29.863
Scarborough	29.867
Ardrossan	29.870
Greenock	29.884
Holyhead	29.892
Valencia	29.930
Roch's Pt.	29.873
Plymouth	29.960
LONDON	29.940
Yarmouth	29.910

* 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.

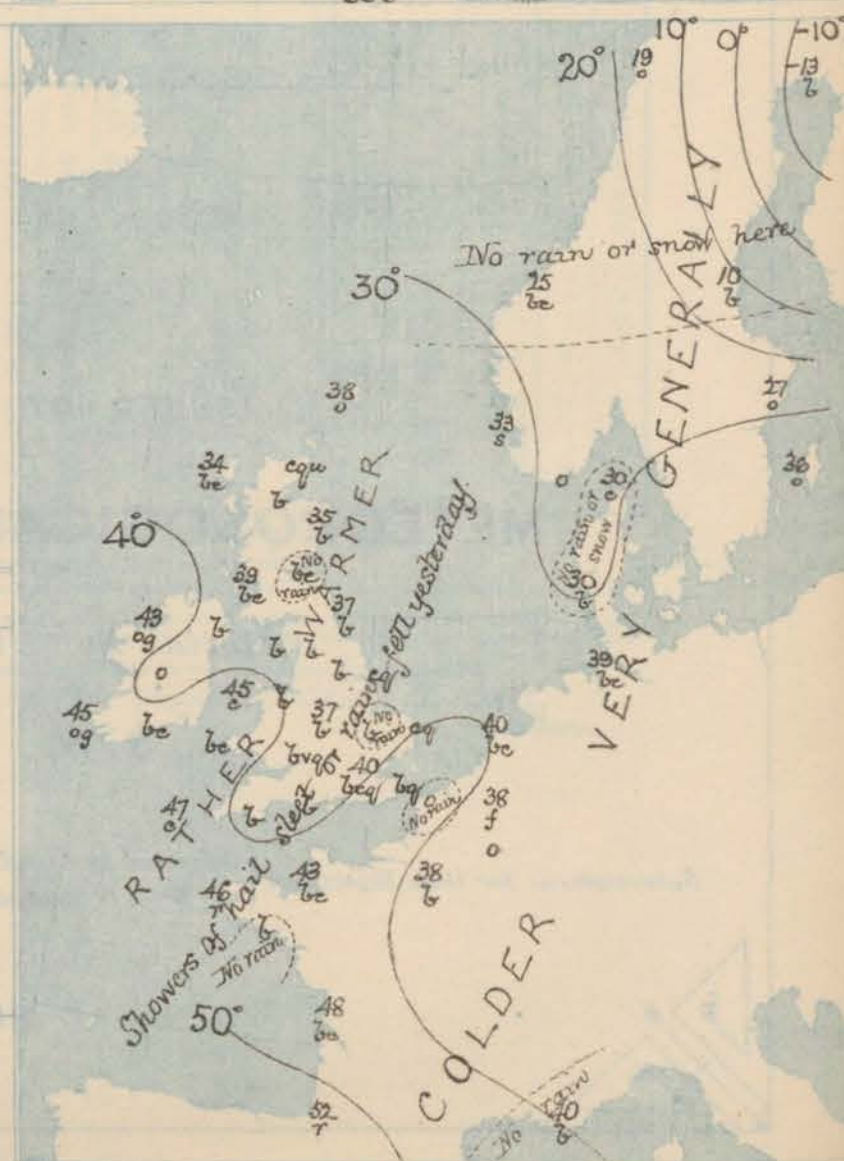
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

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

Stations	Temp	Rain-fall
Samburgh Head	41.4	2.31
Stornoway	41.4	4.36
Aberdeen	41.5	2.91
Shields	42.0	2.83
York	42.4	2.52
Mullaghmore	43.0	1.0
Holyhead	44.7	3.06
Portsmouth	45.2	2.43
Valencia	44.8	4.80
Sally (St. Mary's)	46.3	4.18
Hurst Castle	46.7	1.0
Dover	44.2	3.00
LONDON	43.6	1.89
Yarmouth	43.3	2.43

* The mean Temperatures are those for the 10 years 1871-80; the mean amounts of Rain are those for the 10 years 1865-74.



REMARKS

for Tuesday 28th NOV^r 1892 at 6 a.m.

In the course of last evening and night a small but well defined depression passed quickly in a SE^{ly} direction down the North Sea, occasioning fresh or strong NW^{ly} and N^{ly} gales at most of our N^m stations, with showers of snow, hail or cold rain in many places. The disturbance has now reached North Germany, and the barometer is rising on all our coasts, while the wind, which is still generally from the NW^{ly} has moderated considerably. In the east of Scotland, however, and at some of our more exposed western stations it still blows strongly. In the W. of Ireland the sky is overcast, but in all other districts the weather is at present fine and bright. In the course of yesterday showers of hail, sleet or cold rain fell generally. Temperature has risen a little in our Islands, but fallen at nearly all the Continental stations; readings range from 47° at Scilly to 33° at Rairn.

The sea is rough at Holyhead, Scilly, Cape Gris Nez, and Biarritz, moderate or slight elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

29th NOVEMBER

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

DISTRICTS

FORECASTS

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

DISTRICTS

FORECASTS

6 SCOTLAND WEST	NW ^{ly} winds, light or moderate; fair generally.
7 ENGLAND N.W.	NW ^{ly} winds, fresh or strong; cloudy, probably some showers.
8 ENGLAND S.W.	-----D°-----D°-----D°-----
9 IRELAND NORTH	NW ^{ly} and W ^{ly} winds, moderate and fresh; unsettled, some showers.
10 IRELAND SOUTH	D° D° D°

WARNINGS

The N. Cone which was hoisted ^{yesterday} in districts 0 to 3 and 6 to 9 has been lowered again this morning.

METEOROLOGICAL OBSERVATIONS FOR

28th Nov^r 1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 33° 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 33° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.80	- 2	2	2	b	29.92	+ .28	- 13	- 13	- 24	2	0	b	*	?	?	-		
Hernösand	29.72	18	2	2	c	29.98	+ .64	10	9	- 9	20	0	b	*	21	?	-		
Stockholm	29.57	26	2	4	0	29.72	+ .35	27	26	+ 3	NNE	4	0	*	28	23	0.04		
Wisby	29.45	35	2	4	0	29.55	+ .28	36	33	+ 2	N	4	0	*	37	32	0.08		
Bodö	29.82	18	E	2	b	29.92	+ .37	19	17	- 3	ENE	2	0	1	2	14	-		
Christiansund	29.54	26	E	3	b	29.84	+ .55	25	22	- 3	NNE	4	0	3	28	21	-		
†Skudesnaes	29.49	36	SSE	6	s	29.73		33	33		?	6	3	5	37	?	-		
Örö (Ålansund)	29.55	28	NNE	4	0	29.73	+ .37	25	24	- 2	NNE	2	0	3	28	23	0.08		
Skagen (The Skaw)	29.57	31	NE	4	0	29.76	+ .40	30	28	- 2	E	4	0	3	32	28	-		
Faro	29.51	31	ESE	4	0	29.66	+ .27	30	29	- 2	N	3	6	*	36	28	-		
Caxhaven	29.40	?	S	2	0	29.46	+ .13	39	38	0	NE	4	0	*	39	32	0.06		
†Sumburgh Head	29.44	37	NNE	3	b	29.84	+ .62	38	35	0	NE	4	0	4	41	33	0.28		
†Stornoway	29.69	41	N	6	cq	30.09	+ .57	34	32	- 2	NNW	3	0	3	41	32	0.17		
Wick	29.41	39	N	9	c	29.95	+ .52	36	34	+ 3	NNW	6	0	4	39	32	0.34		
Nairn	29.51	41	NW	8	b	30.03	+ .51	33	32	+ 1	WSW	1	0	2	41	29	0.05		
†Aberdeen	29.38	36	W	4	q	29.94	+ .42	35	33	+ 1	NW	6	0	4	40	33	0.32		
Leith	29.58	37	W	4	b	30.03	+ .42	37	34	+ 2	NNW	2	0	*	41	33	-		
†Shields	29.61	36	NNW	3	b	29.98	+ .35	37	34	+ 3	NNW	4	0	4	40	32	0.04		
Spurn Head	29.60	39	W	6	0	29.83	+ .18	38	38	0	NW	6	0	4	42	35	0.12		
York	29.64	36	N	3	b	29.95	+ .27	36	34	+ 1	NNW	2	0	*	44	32	0.05		
Loughborough	29.75	37	NNW	5	c	30.00	+ .23	37	33	0	NW	4	0	*	45	34	0.11		
†Ardrossan	29.68	41	NNW	5	qprsh	30.09	+ .43	39	38	- 3	NNW	1	0	1	43	35	0.11		
†Mullaghmore	29.99	41	NNW	8	0qpr	30.19	+ .32	43	39	+ 1	NW	5	0	5	45	39	0.05		
Donaghadee	29.84	37	NW	4	n	30.13	+ .35	37	36	+ 2	W	3	0	1	41	34	0.15		
Parsonstown	30.06	39	SW	2	0	30.25	+ .25	38	36	+ 2	W	1	0	*	45	35	0.02		
Barrow-in-Furness	29.71	38	NW	6	b	30.05	+ .31	38	35	- 2	NNW	3	0	3	43	38	0.12		
†Holyhead	29.83	42	NNW	7	cq	30.12	+ .27	45	45	+ 2	NNW	6	0	5	45	42	0.03		
Liverpool (Bidston)	29.75	38	W	7	n	30.08	+ .28	40	36	+ 1	NW	4	0	4	44	37	0.13		
†Valencia	30.19	46	NW	5	qcp	30.32	+ .18	45	44	0	NNW	3	0	3	51	44	0.08		
Roche's Point	30.08	43	NNW	5	c	30.32	+ .27	42	41	+ 1	NNW	3	0	4	49	39	0.10		
Pembroke	29.97	45	NW	5	0	30.19	+ .24	44	41	0	NW	4	0	3	47	42	0.03		
†Scilly	30.08	46	NNW	7	cq	30.26	+ .20	47	45	0	NNW	6	0	6	50	45	0.08		
Prawle Point	29.98	44	NNW	5	0	30.19	+ .21	38	35	0	NW	4	0	4	47	38	0.07		
Hurst Castle	29.88	43	NW	6	n	30.06	+ .16	39	38	0	N	3	0	4	50	38	0.04		
†Dover	29.78	41	W	4	b	29.85	+ .07	40	38	+ 1	NNW	5	0	3	44	36	0.04		
†London	29.77	42	NNW	3	0	29.96	+ .14	40	36	+ 4	NNW	6	0	*	45	35	0.01		
Oxford	29.82	37	W	4	0	30.03	+ .18	39	36	+ 3	NW	5	0	*	46	36	0.04		
Cambridge	29.77	39	W	2	0	29.93	+ .18	37	35	0	N	3	0	*	44	32	-		
†Yarmouth	29.64	38	W	4	odp	29.81	+ .15	40	38	+ 4	NNW	4	0	4	41	33	0.07		
The Helder	29.60	43	NNW	3	c	29.66	+ .16	40	38	- 4	NNW	1	0	1	45	37	0.08		
Cape Gris Nez	29.79	44	W	8	0	29.85		42	42		NNW	8	0	6	46	39	-		
†Jersey	29.99	47	NNW	6	bepsh	30.14	+ .16	43	39	- 2	NW	4	0	4	48	41	0.21		
Brest	30.17	49	NNW	5	n	30.25	+ .19	46	45	0	N	5	0	4	50	43	0.08		
Lorient	30.10	49	NNW	7	b	30.18	+ .16	45	42	0	NNW	5	0	3	48	41	-		
†Roche fort	30.12	48	NNW	7	b	30.16	+ .16	48	45	- 2	N	7	0	2	54	42	0.16		
Biarritz	30.23	50	N	5	n	30.32	+ .21	52	48	0	NNW	7	0	5	55	43	0.24		
Corunna	*	*	*	*	*			*	*		*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.73	00	38	36	- 3	W	2	0	*	43	35	0.16		
Charleville	29.95	39	W	4	c	29.73	- .07	33	31	- 7	W	4	0	*	45	34	?		
Paris	29.96	43	W	4	b	29.97	- .06	38	36	- 4	NW	4	0	*	*	*	0.20		
Lyons	*	*	*	*	*			*	*		*	*	*	*	*	*	*		
Toulon	29.92	45	?	8	b	30.10	+ .26	40	35	- 10	W	7	0	7	52	34	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.46	30	NW	2	b	28.77	+ .31	29	28	- 4	NNW	2	0	*	34	28	0.07		

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

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudesnaes ...	29.37	35	35	SSE	8	sf	5	Valencia ...	30.16	50	46	WNW	6	cq	6
Sumburgh Head	29.28	37	34	NWSW	3	c	3	Scilly ...	30.08	49	47	WNW	6	cq	6
Stornoway ...	29.54	38	37	NW	6	cq	5	Dover ..	29.81	43	40	WNW	4	b	3
Aberdeen ...	29.48	36	33	W	4	b	2	London ...	29.82	44	42	WNW	4	b	*
Shields ...	29.57	39	37	WSW	5	c	2	Yarmouth ...	29.69	41	39	WNW	4	b	3
Ardrossan ...	29.66	37	37	WNW	4	n	3	Jersey ...	30.02	46	43	WNW	5	b	4
Mullaghmore ...	29.90	44	40	W	8	cqg	6	Roche fort ...	30.04	51	48	WNW	5	b	2
Holyhead ...	29.81	41	41	WNW	7	cqhr	6								

The barometer continues to rise slowly in Ireland and the S. of England, but is falling on our NE. coasts - quickly at Wick. The winds have not changed much in direction, but have increased to a moderate gale at Wick and Holyhead. Showers of rain, hail, or snow are falling over our more N.W. districts.

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT

FOR

WEDNESDAY, 29TH NOVEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on WEDNESDAY, NOV 29th

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.

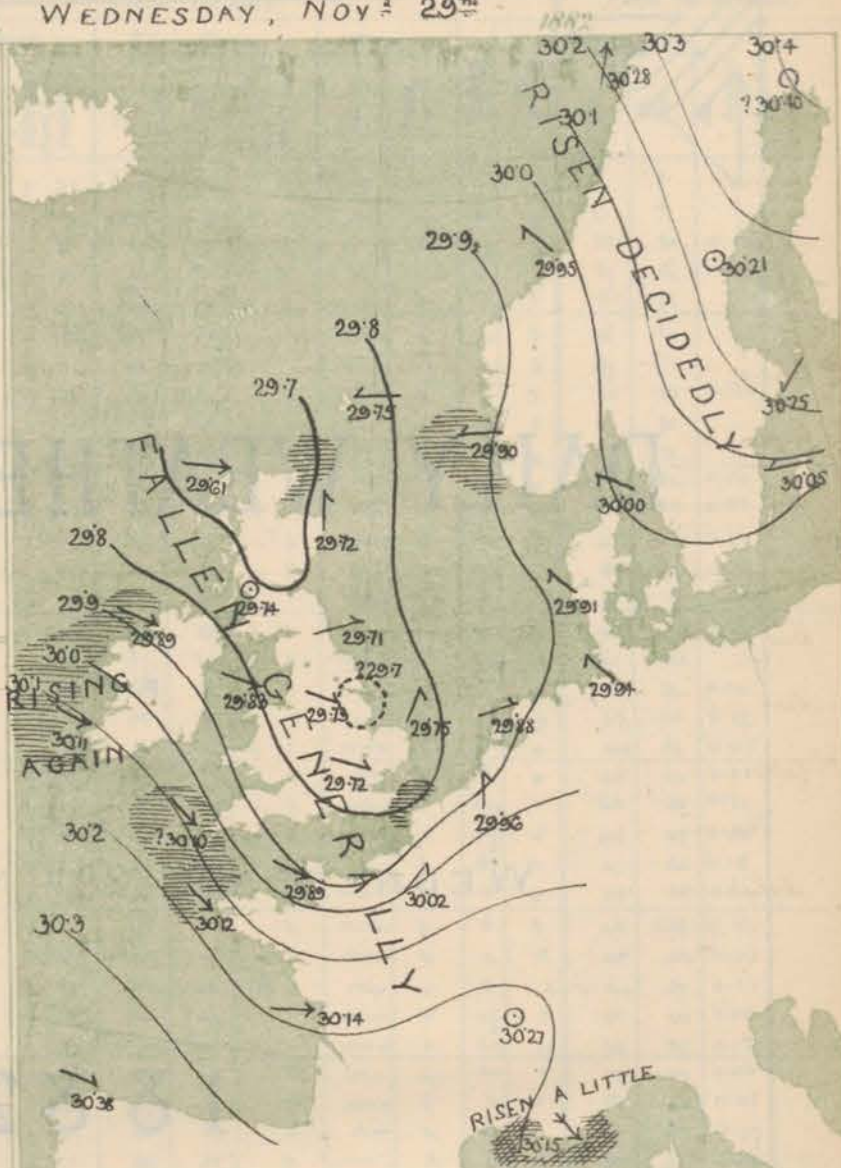
Sea Disturbance, where considerable, is shown by shading round the coast; thus: — Rough; — High.

MEAN HEIGHT of the BAROMETER

for the month of November

Stations	Mean Readings In.
Nairn	29.622
Aberdeen	29.630
Leith	29.863
Scarborough	29.887
Ardrossan	29.870
Greenock	29.884
Holyhead	29.807
Valencia	29.839
Roche's Pt.	29.873
Plymouth	29.860
LONDON	29.840
Yarmouth	29.810

* 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.

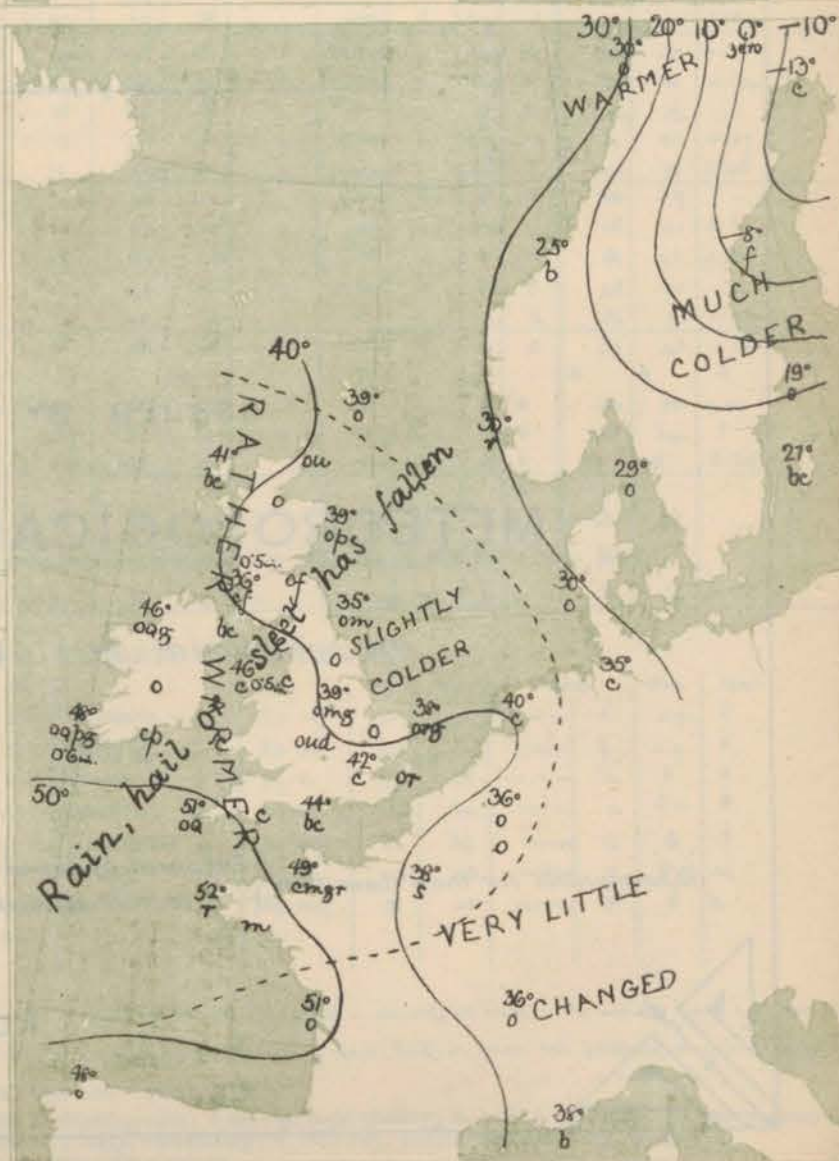
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.
Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE AND RAINFALL.

for the month of November

Stations	Temp	Rain-fall
Sumburgh Head	41.4	2.51
Sarnsey	41.8	4.30
Aberdeen	41.5	2.87
Shields	41.0	2.63
York	42.4	2.32
Mullaghmore	43.3	7
Holyhead	44.7	3.08
Paranstown	40.7	2.45
Valencia	44.8	1.00
Sally (St Mary's)	46.3	7.19
Thurst Castle	44.7	7
Dover	44.2	3.80
LONDON	41.6	1.59
Karmouth	43.3	3.10

* The mean Temperatures are those for the 10 years 1857-66, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Wednesday Nov^r. 29th 1882 at 8 a m

In the course of the past night a well marked but somewhat complex depression has advanced over Great Britain from the westward, and while rather steep gradients for NW^{ly} winds prevail over our western and south-western districts, slight and irregular gradients for SE^{ly} and E^{ly} winds are found over the North Sea. Pressure is high both over Northern Europe and the Bay of Biscay. Temperature has been very unsteady during the past 24 hours, but is now rather higher over our Islands than it was yesterday. Severe cold prevails in the north of Sweden, the thermometer having fallen to minus 13° at Haparanda and to minus 8° at Hemösand. Strong NW^{ly} winds prevail on our W. and SW. coasts this morning and moderate W^{ly} gales on the shores of the Bay of Biscay, but in the E. the wind is at present light and variable, while in the NE. of Scotland it is strong from S. The weather is, dull, showery and changeable generally; snow is falling at Paris, and fog prevails in the south of Scotland.

The sea is rough in the extreme SW., W., and N., and in the Straits of Dover, moderate at Holyhead.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
30th NOVEMBER.

ISSUED AT 11 a m. on previous day

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Varying winds and unsettled weather; cold showers.
2 SCOTLAND EAST	--- D° --- D° --- D° ---
3 ENGLAND N. E.	Wind becoming NW ^{ly} and increasing in strength; cold showers.
4 ENGLAND EAST	--- D° --- D° --- D° ---
5 MIDLAND COUNTIES	--- D° --- D° --- D° ---
6 ENGLAND SOUTH	NW ^{ly} winds, fresh or strong, squally; cold rain at times. Night very cold.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	W ^{ly} and NW ^{ly} winds, strong, squally; cold showers.
7 ENGLAND N. W.	--- D° --- D° --- D° ---
8 ENGLAND S. W.	NW ^{ly} winds, strong, a gale at times, squally, showery.
9 IRELAND NORTH	Same as Nos 6 and 7.
10 IRELAND SOUTH	Same as Nos 6 and 7.
WARNINGS	The N. Cone was hoisted last evening in all districts excepting O. 1. and 4. and is still up.

METEOROLOGICAL OBSERVATIONS FOR

29th Nov^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 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.			
Haparanda	29.97	-10	NE	2	c	30.00	+4.8	-13	-13	0	SE	0	c	*	-9	-15	-		
Hernösand	30.13	-2	SE	0	c	30.21	+2.3	-8	-8	-18	SE	0	f	*	?	-4	-		
Stockholm	30.06	21	N	4	c	30.25	+5.3	19	17	-2	NE	2	0	*	28	19	-		
Wisby	29.84	32	NE	4	0	30.05	+5.0	27	24	+3	E	4	bc	*	37	?	-		
Bodö	29.93	30	NW	2	0	30.28	+3.6	30	28	+2	SSW	6	0	4	30	18	-		
Christiansund	30.02	24	SE	2	bc	29.95	+1.1	25	24	0	SE	4	6	3	25	18	-		
Skudesnäs	29.91	34	S	0	s	29.90	+1.7	30	28	-2	E	4	A	5	?	?	-		
Oxö (Xiänsund)	29.99	26	NNE	6	s	30.00	+2.2	24	28	-4	NNE	6	0	3	27	23	-		
Skagen (The Skaw)	29.99	30	NE	3	0	30.00	+2.4	29	29	-1	ESE	3	0	2	30	27	-		
Fanö	29.97	28	ESE	2	c	29.91	+2.5	30	29	0	SE	4	0	*	36	27	-		
Cuxhaven	29.80	37	NE	4	c	29.94	+4.4	35	34	-1	SE	1	0	*	?	28	-		
Sumburgh Head	29.98	37	E	0	bc	29.75	-0.9	39	33	+6	E	4	0	4	40	35	-		
Stornoway	29.88	41	SSW	5	d	29.61	-4.8	41	40	+1	W	5	bc	4	43	32	0.31		
Wick	29.98	39	S	3	0	29.65	-3.0	40	38	+2	S	6	0	6	42	32	0.02		
Nairn	29.98	33	SE	0	c	29.65	-3.8	36	35	+1	SE	0	0	2	36	33	0.10		
Aberdeen	29.99	35	NW	3	c	29.72	-2.2	39	38	+1	S	4	0	3	39	31	0.12		
Leith	30.03	37	SE	0	0	29.70	-3.3	35	35	-2	WNW	1	0	*	39	33	0.10		
Shields	30.07	36	NW	3	bc	29.71	-2.7	35	35	-2	WSW	2	0	3	40	32	0.19		
Spurn Head																			
York	30.10	34	NNW	1	c	29.73	-2.2	34	34	-2	SSW	1	0	*	40	31	0.23		
Loughborough	30.15	32	NNW	1	c	29.73	-2.7	39	38	+1	WNW	2	0	3	41	30	0.21		
Ardrossan	30.03	42	S	2	0	29.74	-3.5	36	36	-3	ESE	1	0	1	42	34	0.45		
Mullaghmore	29.93	44	SSW	5	bc	29.89	-3.0	46	44	+2	WNW	6	0	5	49	40	0.19		
Donaghadee	30.06	39	SW	2	0	29.80	-3.3	41	40	+1	WNW	2	0	0	44	36	0.19		
Parsonstown	30.07	43	W	1	bc	29.97	-2.8	40	39	+1	W	1	0	*	50	37	0.34		
Barrow-in-Furness	30.09	40	NNW	2	0	29.73	-3.2	45	44	+1	NW	3	0	3	45	39	0.27		
Holyhead	30.12	43	W	2	0	29.83	-2.9	46	46	+1	WNW	6	0	4	48	42	0.52		
Liverpool (Bidston)	30.12	40	SSW	2	0	29.75	-3.3	44	43	+1	WNW	5	0	4	45	38	0.16		
Valencia	30.11	51	W	6	bc	30.11	-2.1	48	47	+1	WNW	5	0	5	53	44	0.63		
Roche's Point	30.15	45	SW	4	bc	30.11	-2.1	46	45	+1	WNW	5	0	4	51	38	0.20		
Pembroke	30.20	45	WNW	2	0	29.90	-2.9	47	44	+3	NW	4	0	3	51	44	0.24		
Scilly	30.26	48	WNW	4	0	30.10	-2.6	51	49	+2	NW	6	0	6	51	45	0.24		
Prawle Point	30.28	41	WNW	3	0	29.92	-2.7	44	42	+2	NW	5	0	4	50	38	0.32		
Hurst Castle	30.12	41	NW	2	0	29.86	-2.6	44	43	+1	N	5	0	4	48	38	0.35		
Dover	30.13	39	N	4	bc	29.75	-1.0	44	43	+1	SSW	6	0	5	45	34	0.12		
London	30.18	36	WNW	2	bc	29.72	-2.4	42	40	+2	WNW	3	0	*	43	30	0.27		
Oxford	30.18	35	NW	2	bc	29.75	-2.8	43	43	+1	WNW	2	0	*	44	28	0.16		
Cambridge	30.12	37	NW	1	bc	29.71	-2.7	37	37	0	S	1	0	*	42	28	0.02		
Yarmouth	30.06	38	NW	4	bc	29.75	-0.6	38	38	-2	SSW	2	0	3	41	30	0.26		
The Helder	29.97	42	NNW	1	bc	29.88	+2.2	40	37	+3	WSW	1	0	1	43	39	0.08		
Cape Gris Nez																			
Jersey	30.26	44	NW	3	bc	29.89	-2.5	49	48	+1	WNW	5	0	4	51	43	0.30		
Brest	30.33	49	NW	4	0	30.12	-1.3	52	52	+1	WNW	7	0	5	?	45	0.12		
Lorient	30.29	47	N	5	bc	30.04	-1.4	52	52	+1	W	4	0	4	?	43	0.04		
Rocheport	30.27	47	NNW	7	bc	30.14	-0.2	51	50	+1	W	7	0	3	53	39	-		
Biarritz																			
Corunna						30.38	-0.1	43	47	+4	WNW	4	0	2	55	45	-		
Brussels						29.96	+2.3	36	35	-1	S	3	0	*	43	35	0.04		
Charleville	30.06	26	N	4	c	30.06	+3.3	34	31	+3	W	4	0	*	48	?	0.24		
Paris	30.20	43	NW	4	bc	30.02	+0.5	38	38	0	SW	5	0	*	*	*	0.08		
Lyons	30.19	36	NW	7	bc	30.27	-	36	34	-2	NNW	1	0	*	41	32	-		
Toulon	30.08	40	NW	9	bc	30.15	+0.5	38	34	-4	NW	9	0	7	46	36	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.85	30	S	1	bc	28.47	-3.0	34	36	+2	W	2	0	*	37	28	0.09		

HIGH LEVEL STATION.

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

Hawes Junction	28.85	30	S	1	bc	bc	28.67	-3.0	37	36	+1	W	2	0	*	*	37	28	0.09	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.84	35	33	S	8	S	Valencia ...	30.25	48	48	WNW	3	bc	4	
Sumburgh Head	29.98	38	32	NE	4	bc	4	Scilly ...	30.30	48	46	NW	4	0	4
Stornoway ...	30.03	37	35	SW	2	0	2	Dover ..	30.03	42	39	NNW	6	bc	3
Aberdeen ...	30.00	36	35	NW	4	0	3	London ...	30.12	43	38	NW	5	0	*
Shields ...	30.06	39	35	NW	4	0	4	Yarmouth ...	29.97	41	39	NNW	4	bc	4
Ardrossan ...	30.11	42	41	E	1	0	1	Jersey ...	30.23	46	43	NNW	3	bc	4
Mullaghmore ...	30.14	41	40	SSW	3	bc	3	Rocheport ...							
Holyhead ...	30.17	45	45	WNW	3	0	3								

The barometer continues to rise at all but our extreme W and NW stations, where a decided fall has set in, accompanied by a backing of the wind to SW and rainy weather. At the more E stations NW breezes are still reported.

EXPLANATION OF COLUMNS.

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

DAILY WEATHER REPORT

FOR

THURSDAY, 30TH NOVEMBER.

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 30th NOVEMBER 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 wind. They fly with the wind, and their barbs and feathers refer to force, thus:

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

○ = dead calm.

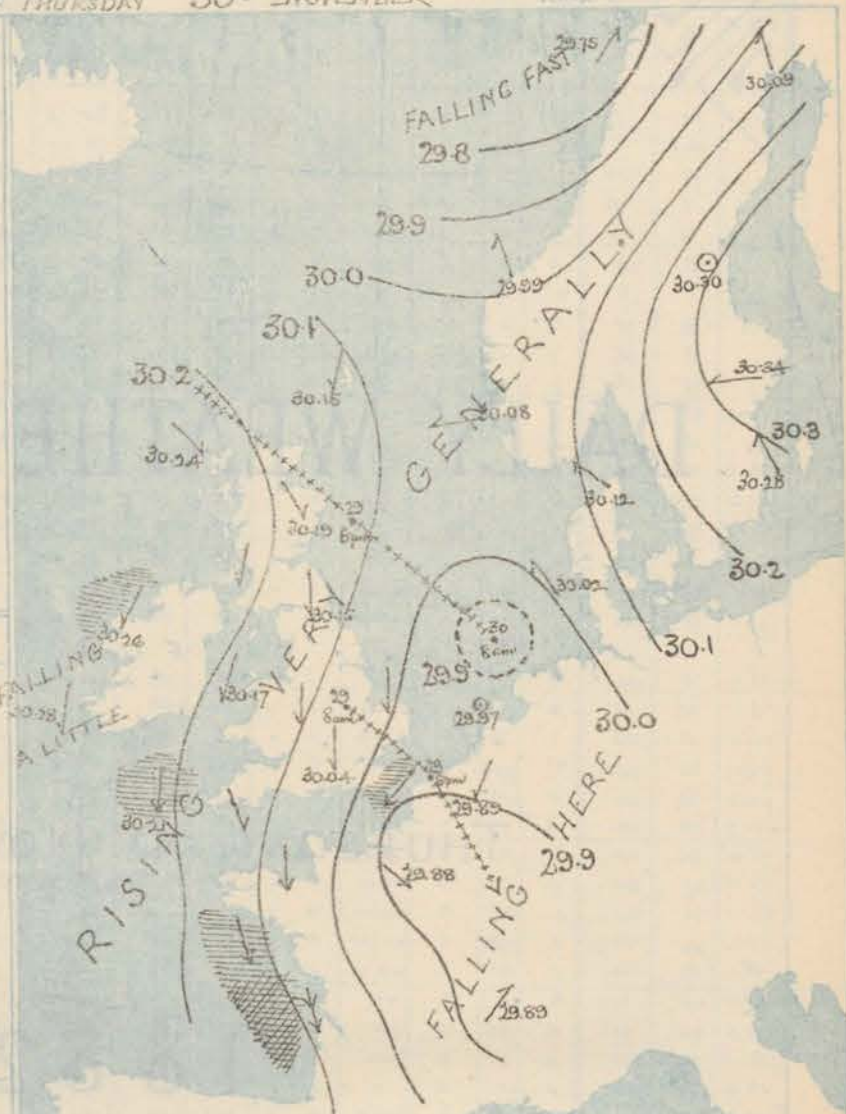
Sea Disturbance, where considerable, is shown by shading round the coast; thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of November

Stations	Mean Readings Ina
Nairn	29.62
Aberdeen	29.62
Leith	29.80
Scarborough	29.86
Ardrossan	29.87
Greenacastle	29.88
Holyhead	29.89
Valencia	29.90
Roche's Pt.	29.93
Plymouth	29.96
LONDON	29.97
Yarmouth	29.98

* 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.

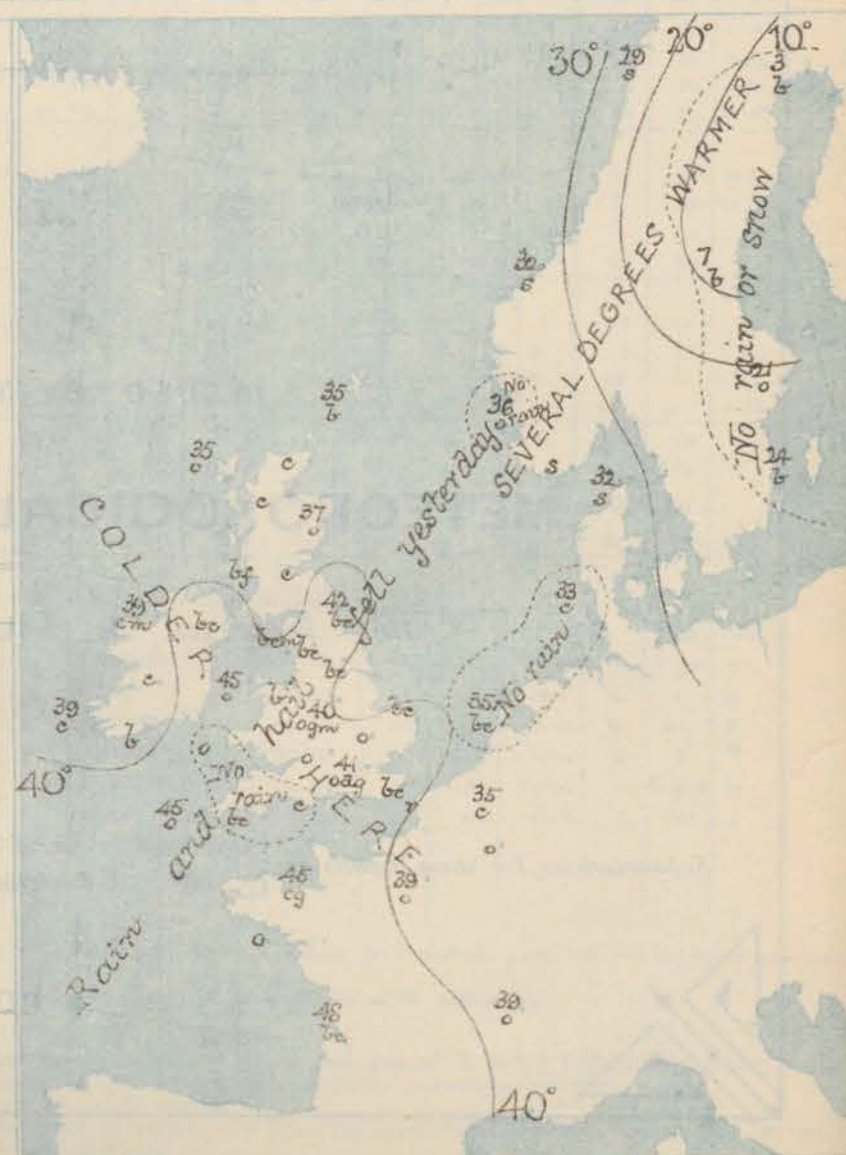
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of November

Stations	Temp.	Rain-fall
Sunderburgh Head	41.4	2.31
Sternesway	41.6	4.20
Aberdeen	41.5	2.01
Shields	42.0	2.63
York	42.4	2.32
Millington	43.3	1
Holyhead	44.7	2.04
Parsinstown	43.7	2.46
Valencia	44.8	1.60
Sally (St Mary's)	46.3	1.19
Hurst Castle	44.7	1
Dover	44.2	3.80
LONDON	43.6	1.80
Yarmouth	43.3	0.13

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1876.



REMARKS

for Thursday 30th Nov^r 1882 at 8 a.m.

The depressions which lay over our northern and eastern coast yesterday have since travelled SE^{wards}, and the barometer is now falling in France and Belgium, while it rises steadily at almost all our own stations. In the extreme N. of Scandinavia a distinct fall is being occasioned by some depressions which are approaching from the N^W. Moderate breezes from between SE and NE. are reported from the eastern shores of the North Sea and the Netherlands, but in our Islands the wind is generally N^W, and on our S^W coast it blows rather fresh. The sky is more or less cloudy generally, and rain is falling at C. G. B. A., while snow is reported from many of the Norwegian stations. In the course of yesterday rain fell generally, with showers of hail in some places. Temperature has fallen in our Islands, and now ranges from 45° at Holyhead, Pembroke and Lundy, to 30° at Parsonstown. The sea is rather rough at Mullaghmore at Lundy, and rough in the Bay of Biscay, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

1st DECEMBER

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	N ^W to N ^W ^{ly} or W ^{ly} winds, moderate or fresh; fair to cloudy and some rain.
2 SCOTLAND EAST	-----D°-----D°-----D°-----
3 ENGLAND N.E.	N ^W winds, moderate; fair generally.
4 ENGLAND E.	Same as N° 3
5 MIDLAND COUNTIES	Same as N° 5
6 ENGLAND S.W.	N ^W and N ^E ^{ly} winds, light or moderate; fair on the whole.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	N ^W or N ^W ^{ly} winds, light; fair, foggy.
7 ENGLAND N.W.	Same as N° 2
8 ENGLAND S.W.	Same as N° 2
9 IRELAND NORTH	Variable N ^W breezes; fair generally.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	
The N. cone has been lowered this morning in all districts except O. 1 & 4.	

METEOROLOGICAL OBSERVATIONS FOR

30th Nov^r

1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										FAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.08	4	N	2	0	30.09	- 31	3	3	+ 16	S	2	G	*	5	- 13	-		
Hernösand	30.30	8	N	0	0	30.30	+ 09	7	6	+ 15	N	0	G	*	?	- 9	-		
Stockholm	30.30	22	N	2	0	30.34	+ 09	21	20	+ 2	E	2	0	*	?	16	-		
Wibby	30.19	26	ESE	2	0	30.28	+ 23	24	22	- 3	SSE	2	G	*	30	?	-		
Bodö	29.88	28	SSW	2	0	29.75	- 53	29	28	- 1	SW	6	S	*	30	25	-		
Christiansund	29.94	30	SSW	3	0	29.99	+ 04	32	32	+ 7	SSE	1	S	3	32	21	0.24		
†Skudenes	29.97	34	ESE	4	0	30.08	+ 18	36	31	+ 6	E	4	0	4	?	30	-		
Oxö (Klansund)	29.97	28	NNE	6	0	30.07	+ 07	30	29	+ 6	NNE	6	S	4	?	?	0.43		
Skagen (The Skaw)	30.03	?	ESE	4	0	30.12	+ 12	32	31	+ 3	SE	4	S	3	32	28	0.04		
Fanö	29.96	33	SE	4	0	30.02	+ 11	33	33	+ 3	SE	4	C	*	34	23	-		
Cuxhaven																			
†Sumburgh Head	29.85	39	E	3	0	30.15	+ 40	35	32	- 4	NNE	4	G	3	40	32	-		
†Stornoway	30.05	38	N	7	0	30.24	+ 63	35	33	- 6	NNW	3	0	3	45	33	0.35		
Wick	29.87	40	NE	2	0	30.20	+ 55	34	32	- 6	N	1	0	2	42	32	0.28		
Nairn	29.77	41	NNW	6	0	30.23	+ 58	35	34	- 1	N	1	0	3	43	34	0.07		
†Aberdeen	29.73	39	N	3	0	30.19	+ 47	37	36	- 2	NNW	3	0	3	42	35	0.17		
Leith	29.82	43	N	1	0	30.20	+ 50	39	37	+ 4	N	2	0	2	43	34	0.03		
†Shields	29.76	39	NNW	2	0	30.15	+ 44	42	39	+ 7	N	2	0	3	44	33	0.02		
Sparu Head																			
York	29.76	38	WSW	1	0	30.12	+ 39	37	36	+ 3	NNW	1	0	*	40	33	0.01		
Loughborough	29.76	44	NNW	2	0	30.09	+ 36	40	39	+ 1	N	3	0	*	45	39	0.02		
†Ardrossan	29.89	44	NW	3	0	30.22	+ 48	33	33	- 3	NNE	3	0	1	48	32	0.02		
†Mullaghmore	30.13	45	NNW	6	0	30.26	+ 37	39	36	- 7	NNE	2	0	5	49	35	0.01		
Donaghadee	29.94	45	NNW	9	0	30.23	+ 43	43	40	+ 2	NE	3	0	0	48	40	-		
Parsonstown	30.15	44	NNW	2	0	30.20	+ 32	30	29	- 10	SW	1	0	*	47	29	-		
Barrow-in-Furness	29.76	45	NW	4	0	30.14	+ 41	40	39	- 5	NE	3	0	3	42	40	0.06		
†Holyhead	29.89	48	NW	7	0	30.17	+ 34	45	45	- 1	NNE	4	0	4	48	44	0.01		
Liverpool (Bidston)	29.79	45	WNW	5	0	30.14	+ 39	38	37	- 6	N	1	0	3	46	38	0.03		
†Valencia	30.22	49	NNW	5	0	30.28	+ 17	39	38	- 9	N	1	0	2	52	37	0.04		
Roche's Point	30.01	46	NNW	5	0	?	?	38	36	- 8	NW	3	0	3	50	34	0.10		
Pembroke	29.96	45	NNW	5	0	30.17	+ 27	45	42	- 2	NNW	2	0	2	48	44	-		
†Scilly	30.04	50	NNW	7	0	30.21	+ 11	45	43	- 6	N	5	0	5	51	44	0.03		
Prawle Point	29.96	43	NW	5	0	30.13	+ 21	44	43	- 0	NNW	4	0	3	49	38	-		
Hurst Castle	29.84	43	N	4	0	30.08	+ 25	42	40	- 2	NNE	5	0	3	48	40	-		
†Dover	29.70	41	N	5	0	29.97	+ 23	42	40	- 2	NE	4	0	3	47	39	0.06		
†London	29.77	44	WNW	3	0	30.04	+ 32	41	39	- 1	N	2	0	*	46	40	0.03		
Oxford	29.82	42	WNW	1	0	30.08	+ 33	39	39	- 4	NNW	3	0	*	47	39	0.03		
Cambridge	29.77	39	N	1	0	30.07	+ 36	38	37	+ 1	N	1	0	*	40	35	0.06		
†Yarmouth	29.71	41	N	0	0	30.00	+ 25	40	39	+ 2	NNW	2	0	3	41	36	0.31		
The Helder	29.79	38	ESE	1	0	29.97	+ 09	35	34	- 5	ESE	1	0	1	41	?	-		
Cape Gris Nez	29.70	41	NW	8	0	29.90		43	40		NE	8	0	6	46	37	0.12		
†Jersey	29.92	47	NW	5	0	30.06	+ 17	45	41	- 4	N	5	0	4	50	43	0.11		
Brest																			
Lorient	29.97	49	NW	7	0	30.06	+ 02	46	43	- 6	NNW	7	0	5	52	43	0.04		
†Rochefort	29.95	51	WSW	9	0	30.07	- 07	48	45	- 3	NNW	9	0	7	54	43	0.08		
Biarritz																			
Cornuna																			
Brussels						29.89	- 07	35	34	- 1	NE	3	0	*	38	35	0.12		
Charleville	29.70	34	E	4	0	29.75	- 31	36	33	+ 2	NE	4	0	*	37	33	0.29		
Paris	29.75	45	NW	3	0	29.88	- 14	39	37	+ 1	NNW	5	0	*	*	*	0.35		
Lyons	29.91	33	S	5	0	29.89	- 38	39	37	+ 3	SW	1	0	*	41	32	0.12		
Toulon																			

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

Hawes Junction	28.53	38	WSW	2	0	28.89	+ 42	26	25	- 1	NE	3	0	0	?	40	34	0.14
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnaes	29.92	32	28	ESE	5	5	Valencia	30.13	50	49	NW	5	6 ppy
Sumburgh Head	29.77	38	33	SE	4	0	Scilly	30.01	50	44	NNW	6	0
Stornoway	29.82	40	39	N	7	0 ppy	Dover	29.63	42	41	NNW	6	0 ppy
Aberdeen	29.68	39	38	SSW	1	0	London	29.72	46	44	NW	5	0 d
Shields	29.72	39	37	NNW	2	0	Yarmouth	29.67	41	41	SSE	3	0 d
Ardrossan	29.72	47	47	WNW	2	0	Jersey	29.88	50	47	NW	5	0
Mullaghmore	29.98	43	45	NNW	6	0 ppy	Rochefort	29.92	54	53	NNW	9	0
Holyhead	29.84	47	47	NW	6	0							

The depressions noticed over our N^o and E^o coasts this morning are apparently travelling slowly in a S^o direction and the barometer is rising again in the N. and extreme N. - quickly at Stornoway. The winds are veering to the N^o in most places with a continuation of showery unsettled weather.

EXPLANATION OF COLUMNS.

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

* AN ASTERISK is inserted in all places for which information is not usually received.
† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR NOV^R 1888.

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.						PAST 24 HOURS.			
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.	Weather.	Sea. (0 to 9).	SHADE TEMP.		
				Dir.	Force (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.				Max.	Min.	Amount of Rainfall.
1 st	Corunna	*	*	*	*	*	29.98	-06	55	53	+2	SW	5	2	68	?	0.24
3 rd	Fans	29.89	50	S	4	0	29.87	+22	50	49	+2	S	3	0	52	48	0.12
	The Helder	29.89	52	S	3	0	29.85	+07	51	50	-1	SSW	4	2	55	50	0.08
	Corunna	*	*	*	*	*	30.10	-	50	49	-	S	4	0	63	46	0.20
4 th	Corunna	*	*	*	*	*	30.23	+13	50	49	0	SSW	4	6	61	46	-
6 th	Hermesand	29.32	41	SE	2	2	29.25	-05	37	37	-5	E	6	2	43	34	0.43
	Skagen	29.30	47	WSW	5	2	29.21	-15	47	44	-2	NW	6	0	52	41	0.71
	The Helder	29.68	55	SSW	7	0	29.97	+06	51	47	-1	W	5	0	55	50	0.04
	Biscaritz	30.34	62	E	4	6	30.28	-13	55	53	0	S	3	0	68	50	-
	Corunna	*	*	*	*	*	30.19	-07	48	47	-3	SW	3	2	64	45	-
	Brussels	*	*	*	*	*	30.15	+02	50	48	+1	WSW	3	0	57	?	0.04
	Skudsmas 2pm	-	-	-	-	-	29.69	-	48	44	-	WNW	6	0	-	-	-
7 th	Skagen	?	46	WNW	5	6	?	-	43	41	-4	WSW	2	6	50	41	-
	Corunna	*	*	*	*	*	30.02	-17	58	56	+10	SSW	7	0	66	46	0.04
	Skudsmas 2pm	-	-	-	-	-	29.67	-	50	46	-	WSW	2	0	-	-	-
8 th	Corunna	*	*	*	*	*	29.94	-08	63	61	+5	SSW	8	0	63	54	0.12
	Loulon	30.21	55	W	0	0	30.15	-08	50	?	-2	W	0	0	61	50	-
9 th	Haparanda	29.71	22	E	2	6	29.73	-	21	21	-	W	2	0	25	16	-
	Corunna	*	*	*	*	*	29.90	-04	54	53	-9	WNW	5	2	66	50	0.79
10 th	Haparanda	29.72	24	N	2	0	29.73	-00	22	22	+1	N	2	0	24	18	-
	Lorient	29.78	53	NW	8	60	29.88	+36	52	48	-1	NW	7	60	51	46	0.12
	Corunna	*	*	*	*	*	29.95	+05	50	48	-4	NE	3	0	59	45	-
13 th	Corunna	*	*	*	*	*	29.60	-18	63	61	+2	S	8	2	66	57	-
14 th	The Helder	30.13	57	E NE	5	6	30.09	-08	34	?	-2	E NE	8	80	41	34	-
	Corunna	*	*	*	*	*	29.98	+38	52	49	+11	N	8	0	63	2	0.24
15 th	Cuxhaven	?	?	E	6	60	29.95	-33	36	35	+2	E	6	0	37	30	-
	The Helder	29.93	36	E NE	8	0	29.73	-36	33	33	-1	E	7	0	38	32	0.12
	Lyon	29.71	53	S	1	0	29.90	-	?	37	-	?	?	?	57	39	0.04
16 th	Haparanda	30.54	-2	W	0	6	30.43	-11	-2	-2	-1	N	2	6	5	-2	-
	Corunna	*	*	*	*	*	30.00	-	53	52	-	NW	7	2	59	46	2.20
	Skudsmas 2pm	-	-	-	-	-	30.05	-	28	26	-	E	6	6	4	-	-
17 th	Bots	30.87	24	E NE	2	60	30.25	-13	23	21	-3	E	2	6	?	21	-
	Christiansund	30.17	28	SE	4	6	30.16	+09	29	28	-1	ESE	3	6	32	23	-
	Corunna	*	*	*	*	*	30.12	+12	54	50	+1	NNW	5	0	59	50	0.08
	Skudsmas 2pm	-	-	-	-	-	30.02	-	34	28	-	SE	7	0	5	-	-
18 th	Haparanda	30.19	28	W	0	0	30.25	+06	28	28	+13	N	2	0	?	3	-
	Hermesand	30.12	26	NE	2	2	30.16	-03	31	31	+10	W	0	0	32	18	0.12
	Stockholm	30.06	24	N	4	0	30.05	-06	27	26	+3	NE	2	0	28	21	-
	Helsing	30.00	30	E	2	0	29.90	-15	30	28	+4	E NE	6	0	32	25	-
	Bots	30.18	29	E NE	2	6	30.13	-12	35	32	+12	E	4	0	?	21	-
	Christiansund	30.04	30	ESE	3	0	29.89	-27	34	28	+6	ESE	6	6	34	25	-
	Skudsmas	30.02	34	SE	8	0	30.03	-	35	30	-	SESE	8	60	?	34	-
	Bots	30.08	24	NE	4	0	30.13	?	23	21	-2	NNE	4	60	30	21	-
	Skagen	30.04	32	E NE	3	0	30.05	-00	31	29	0	NE	2	0	34	28	-
	Fans	29.94	30	NE	6	0	29.99	+15	23	23	-7	N	3	6	30	23	-
	Cuxhaven	29.75	?	NE	4	60	29.90	+29	32	30	+2	N	4	6	32	23	-
	The Helder	29.91	33	NE	1	60	30.01	+32	32	31	+1	WNW	1	60	34	30	0.04
	Biscaritz	30.13	52	NW	8	0	30.05	+02	54	51	+2	W	5	2	57	46	1.26
	Corunna	*	*	*	*	*	30.15	+03	58	57	+4	SW	5	0	59	52	0.16
	Brussels	*	*	*	*	*	30.06	+39	29	29	-4	W	1	0	?	27	-
	Loulon	29.74	41	NW	9	60	29.80	+18	39	36	-5	NW	8	6	48	36	-
20 th	Haparanda	30.12	14	NE	2	6	29.95	-28	16	15	-10	E	2	0	27	10	0.12
	Hermesand	29.63	26	NE	8	0	29.50	-42	28	27	-2	NE	6	0	32	23	0.24
	Stockholm	29.34	27	E	6	5	29.32	-28	28	23	-3	E NE	2	0	32	25	0.32
	Helsing	29.25	28	ESE	4	5	29.29	-19	30	30	+3	ESE	2	0	30	25	0.08
	Bots	29.80	28	ESE	6	60	29.82	-07	22	19	-11	E	4	6	34	19	-
	Christiansund	29.41	36	SE	4	0	29.35	-12	28	28	-6	E	4	0	36	25	-
	Fans	29.71	31	SE	4	0	29.70	-33	30	27	+2	E NE	3	60	30	25	0.04
	The Helder	29.25	45	W	5	0	29.20	-17	39	38	+8	NW	1	0	45	30	0.08
	Rechefort	29.84	55	WNW	8	0	29.73	-09	50	46	-5	NW	8	0	57	43	0.20
	Corunna	*	*	*	*	*	30.08	-09	55	51	-3	ESE	3	0	61	52	0.12
	Brussels	*	*	*	*	*	29.30	-16	36	35	+1	SW	4	0	45	35	0.04
	Lyon	29.88	41	SE	1	0	29.71	-74	43	40	+9	SW	1	0	44	?	0.16
	Loulon	29.81	48	W	6	70	29.76	-17	48	47	+6	WNW	7	0	50	41	0.12
21 st	Corunna	*	*	*	*	*	30.09	+01	51	49	-4	NNW	7	60	57	46	0.16
22 nd	Corunna	*	*	*	*	*	30.01	-08	49	49	-2	E	5	2	64	46	-
23 rd	Corunna	*	*	*	*	*	30.18	+17	54	53	+5	SW	5	0	57	48	0.08
24 th	Biscaritz	30.13	55	WSW	5	0	29.97	-23	55	51	+2	SW	5	0	59	46	-

