METEOROLOGICAL OFFICE

LONDON.

DAILY WEATHER REPORTS.

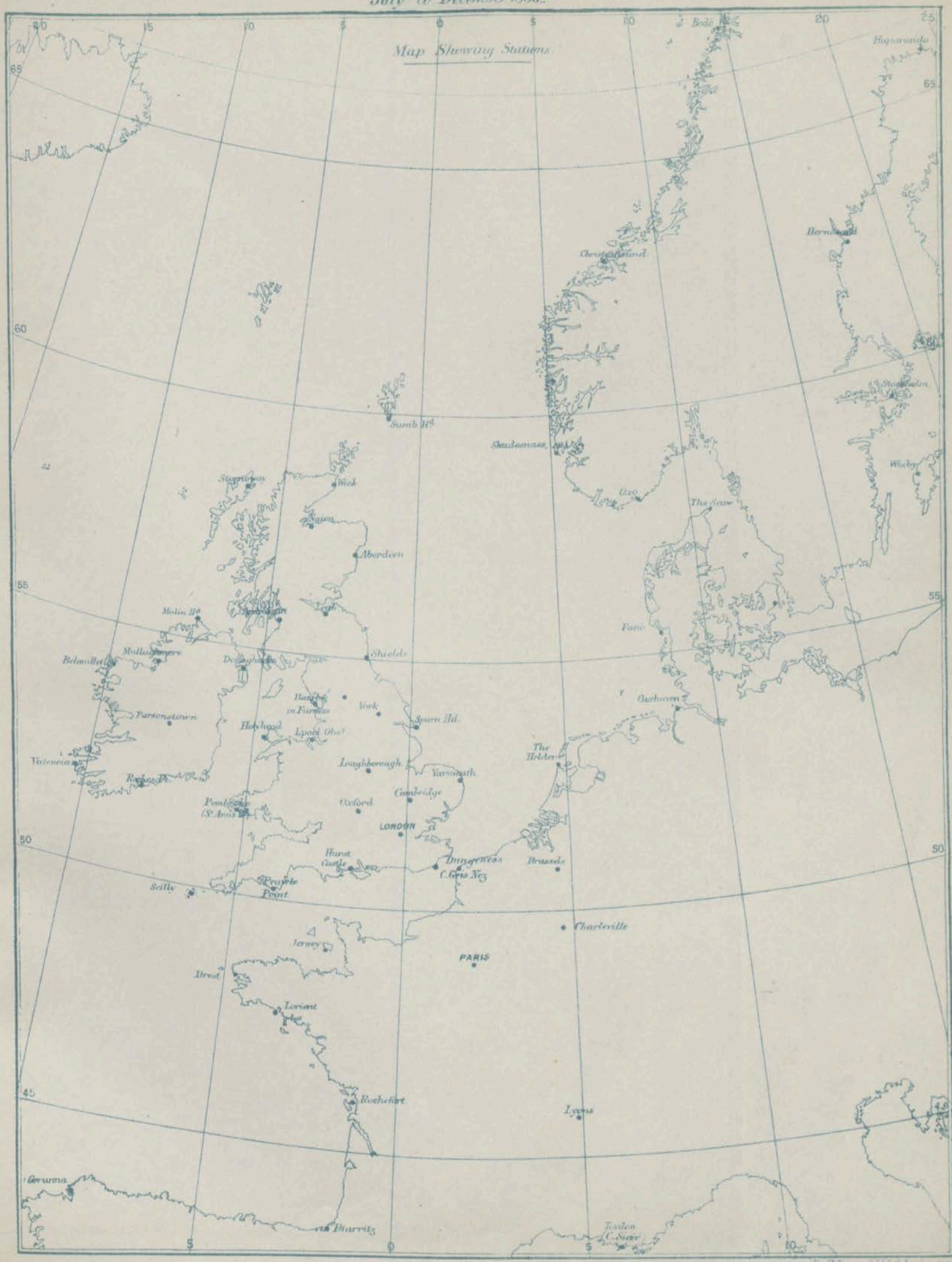
1ST JULY—31ST DECEMBER.

1885.

Soc. Roy. Lond.

DAILY WEATHER REPORT.

July to December 1885.



Fred.k Dangerfield 6th Feb.y 1885

DAILY WEATHER REPORT

for Sunday — 1st November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. M. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP			
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	30·28	8	S	0	0	30·08	— ·25	11	11	+ 6	N	2	0	*	14	5	—
Hernösand ...	30·16	28	N	4	0	29·77	— ·55	30	28	+ 11	NNE	4	0	*	30	19	—
Stockholm ...	29·86	31	NNE	4	0	29·34	— ·56	32	30	+ 5	N	6	0	*	32	25	—
Wisby	29·82	37	NE	6	0	29·56	— ·42	36	35	+ 2	NW	8	r	*	41	32	0·16
Bodö	30·19	26	ENE	2	b	29·99	— ·24	27	22	+ 2	ENE	4	b	2	27	25	—
Christiansund	30·04	26	ESE	1	b	29·87	— ·28	28	27	+ 1	ESE	2	b	1	32	23	—
‡Skudesnaes ..	30·04	34	E	4	b	29·88	— ·19	36	31	+ 2	E	4	c	3	36	34	—
Oxö (Xtiansand)	30·03	31	NNE	6	0	29·90	— ·20	29	26	0	N	4	b	2	32	28	—
Skagen (The Skaw)	29·97	34	NE	4	0	29·83	— ·25	33	31	+ 1	NE	2	c	1	36	30	—
Fanö	29·84	34	E	4	bc	29·83	— ·14	30	?	— 3	NE	2	b	*	39	27	—
Cuxhaven ..	29·79	41	E	4	c	29·77	— ·15	39	39	— 1	E	4	b	*	43	37	—
‡Sumburgh Head	29·83	41	SSE	6	0	29·60	— ·19	45	42	+ 3	SW	4	0	5	45	38	0·02
‡Stornoway ...	29·77	39	W	2	b	29·66	+ ·05	49	47	+ 4	SW	5	r	4	? 49	36	0·24
Wick	29·81	44	S	5	0	29·67	— ·06	43	43	— 2	SW	3	mw	4	45	40	0·10
Nairn	29·80	40	S	0	0	29·72	+ ·04	43	41	+ 2	WSW	2	0	2	45	39	0·08
‡Aberdeen... ...	29·84	44	SE	5	c	29·81	+ ·10	40	38	— 5	SW	2	0	4	47	38	0·07
Leith ...	29·80	43	SE	1	0	? 29·89	+ ·23	40	39	— 1	W	1	mw	*	47	36	0·06
‡Shields	29·72	46	NE	1	0	29·92	+ ·29	38	37	— 8	W	2	mw	4	46	35	0·06
Spurn Head ...	29·58	43	ENE	1	r	29·88	+ ·37	43	42	— 3	N	3	bc	4	47	41	0·38
York	29·66	42	NW	2	0	29·94	+ ·33	39	38	— 5	N	1	b	*	46	35	0·22
Loughborough	29·77	41	NNE	6	r	29·93	+ ·45	39	38	— 4	W	1	bcmw	*	44	39	0·47
‡Ardrossan ...	29·82	42	WNW	1	0	29·90	+ ·25	46	44	+ 8	SSW	2	0p	1	46	37	0·06
Malin Head ...	29·83	45	NW	4	b	29·91	+ ·25	49	48	+ 4	WNW	3	0p	4	50	44	0·01
‡Mullaghmore ...	29·88	46	NNW	5	bc	29·98	+ ·28	50	48	+ 4	WNW	5	cw	4	50	44	0·06
‡Belmullet ...	? 29·95	46	N	3	b	29·98	+ ·20	51	50	+ 9	WNW	4	0g	*	? 51	41	0·09
Donaghadee ...	29·81	46	N	6	0	29·96	+ ·33	41	40	— 2	W	3 ..	c	1	46	39	0·40
Barrow-in-Furness	29·68	43	N	3	0	29·97	+ ·44	40	39	— 2	N	2	b	*	44	37	0·24
Liverpool (Bidston)	29·68	42	NE	2	0	29·97	+ ·49	40	39	— 3	N	1	b	1	43	39	0·25
‡Holyhead ...	29·71	47	NNE	5	0	29·99	+ ·50	47	45	0	N	2	bc	[illegible]	47	44	0·16
Parsonstown ...	29·89	41	NW	1	b	30·07	+ ·33	43	42	+ 4	S	0	0	*	49	34	—
‡Valencia	29·97	48	N	4	bc	30·15	+ ·28	51	50	+ 4	NW	4	cm	4	52	45	0·11
Roche's Point ..	29·88	48	NW	4	b	30·06	+ ·33	47	46	+ 3	WNW	3	c	4	50	40	0·01
Pembroke ...	29·67	47	NNW	6	c	30·02	+ ·46	46	44	— 2	N	3	bc	2	48	44	0·35
‡Scilly	29·73	50	NNW	8	c	30·05	+ ·35	49	45	0	NNW	6	c	6	50	46	—
Prawle Point ...	29·60	45	NNW	5	c	29·96	+ ·29	42	40	— 2	NNW	6	b	3	48	38	0·07
Hurst Castle ...	29·85	44	NNW	5	r	29·81	+ ·46	40	39	— 8	NNE	5	b	2	51	39	0·09
‡Dungeness ...	29·80	47	W	3	c	29·79	+ ·34	43	41	— 4	N	5	0	4	51	42	0·17
‡London	29·38	43	NNE	4	cd	29·89	+ ·42	43	40	— 2	NNE	4	0	*	46	41	0·30
Oxford	29·53	41	N	6	0	29·90	+ ·49	40	39	— 4	N	2	b	*	46	39	0·27
Cambridge ...	29·44	44	NE	3	r	29·89	+ ·46	41	40	— 3	N	2	b	*	45	38	0·41
‡Yarmouth ...	29·40	44	E	9	r	29·78	+ ·26	44	42	— 1	ENE	6	cq	6	45	42	0·60
The Helder ...	29·55	41	E	5	r	29·74	[illegible]	41	39	[illegible]	ENE	5	c	3	41	39	0·35
Cape Gris Nez...																	
‡Jersey	29·85	45	WNW	8	c	29·86	+ ·30	45	42	— 4	N	5	bc	5	51	45	0·28
Brest	29·78	48	[illegible]	7	c	29·95	+ ·21	44	44	— 4	N	7	0	5	?	?	0·32
Lorient	?	49	NW	8	r	29·95	+ ·21	48	45	— 2	NW	5	bc	4	50	41	—
‡Rochefort ...	29·92	53	WNW	8	c	29·91	+ ·09	49	?	— 5	NW	5	c	3	57	45	0·24
Biarritz	29·99	59	SW	9	r	29·91	·00	48	46	— 9	SW	5	r	4	61	43	1·04
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29·66	+ ·11	43	43	+ 3	S	1	f	*	47	40	0·43
Charleville ...	?29·54	46	SW	1	b	29·61	— ·02	41	40	0	SSW	5	0	*	50	41	0·59
Paris	29·54	48	SW	4	c	29·66	+ ·09	44	43	— 6	SW	4	0	*	*	*	0·82
Lyons	29·84	49	SSW	1	0	29·76	— ·10	39	37	— 5	S	1	b	*	49	37	0·08
Toulon	29·85	52	W	4	0	29·74	— ·24	45	42	— 4	NW	4	c	3	57	43	0·71

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Printed by Hansard & Son, London.

WEATHER CHARTS

for 8 a.m. on Sunday 1st Nov.r 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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.

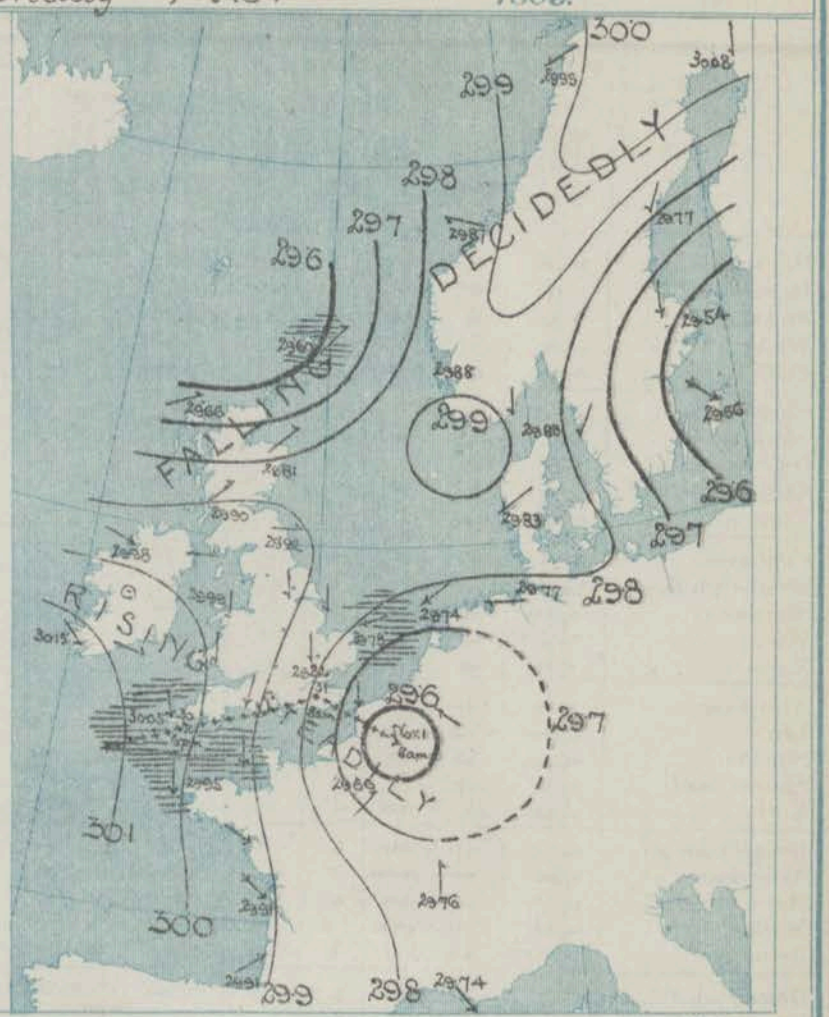
Sea Disturbance — *where considerable, is shewn thus*

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of **November**
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M.,

with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

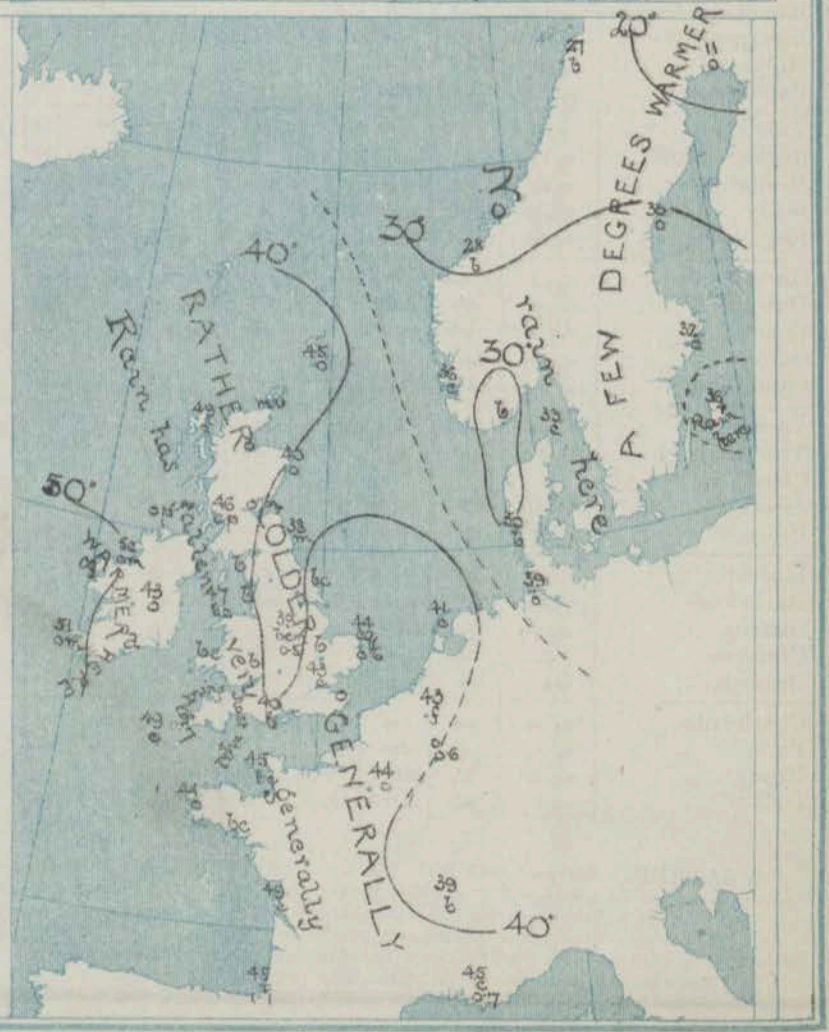
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of **November**

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·2	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Sunday 1st November 1885, at 8 a.m.

The distribution of pressure is very complicated. An area of high readings is lying over the north of Scandinavia, and another off the south-west of our Islands, and, while yesterday's depression has moved to the north-east of France a rather deep disturbance has appeared over the Baltic, and a shallower one off the north of Scotland. Under such conditions the winds vary greatly in direction, in Sweden and also over the greater part of our Islands and France they are chiefly N^ly or NW^ly but on our northern coasts and in the East of France they are SW^ly, while on the eastern shores of the North Sea they are E^ly or NE^ly. A strong E^ly to NE^ly gale was felt last night in the East and south-east of England. The weather is fine at most of the English and Irish stations, as well as on the eastern shores of the North Sea, but cloudy or overcast elsewhere with rain in some places. Rain fell yesterday in most parts of the Kingdom. Temperature has fallen a little, and readings now range from 51° at Mouldsmore and Valencia to 38° at Shields. The sea is rough on several parts of our south and east coasts; rather rough at Sumburgh Head; moderate to smooth elsewhere.

Erratum. The remarks on p.3 of the Daily Weather Report for the 30th Ult: referring to a fall of snow or hail on the previous day in the neighbourhood of Sittingbourne were erroneous. The fall occurred on Tuesday the 27th instead of Thursday the 29th.

FORECASTS

for the 24 hours ending at NOON on 2nd November 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued	6 SCOTLAND WEST	None issued
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	The south cone has been hoisted this morning in districts 0.1.6 and 9.

Fredk Dangerfield, Lith. London, (13).

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·05	36	36	ESE	4	c	4
Sumburgh Head	29·81	43	40	SSE	6	o	7
Stornoway	29·72	47	46	WNW	3	ap	2
Aberdeen	29·77	45	43	SE	7	ohrq	7
Shields	29·66	46	43	E	5	or	5
Ardrossan	29·73	41	40	ENE	2	r	1
Malin Head	29·76	47	45	NW	4	bc	5
Mullaghmore	29·78	49	43	NW	5	bc	4
Belmullet	29·87	48	43	N	3	b	*
Holyhead	29·60	45	44	N	5	rmq	4
Valencia	29·88	48	47	NW	3	rmq	3
Scilly	29·73	49	44	NW	8	cq	b
Dungeness	29·32	52	49	WNW	4	c	3
London	29·32	46	45	Z	0	rgf	*
Yarmouth	29·42	44	43	E	9	rq	7
Jersey	29·55	50	46	WNW	8	c	b
Rochefort	29·88	52	49	WNW	8	c	3

REMARKS.

The depression in the East is passing away to the eastward, while that in the north is moving northwards. A strong gale from E. prevails at Yarmouth and a moderate gale from SE. at Aberdeen. The weather is still very dull and rainy over our south-eastern counties. The sea is high in the north and east, rather so at Scilly, moderate at Holyhead, slight in the Straits of Dover.

The Subscription for these Reports, forwarded by book post is £1- per annum, payable in advance.

DAILY WEATHER REPORT

for Monday 2nd November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12)	Weather.	Sea. (0 to 9).	Max.	Min.	Amount of Rainfall.
Haparanda	29·69	23	NE	8	S	29·67	-·11	23	22	+12	NE	6	c	•	25	5	0·08
Hernösand	29·57	24	NNE	6	S	29·68	-·09	26	24	-4	N	2	bc	•	30	23	0·08
Stockholm	29·64	27	NW	2	S	29·79	+·25	26	25	-6	W	2	bc	•	32	25	0·20
Wisby	29·64	35	N	6	O	29·80	+·24	37	34	+1	W	6	c	•	39	32	0·04
Bodö	29·84	30	ENE	2	O	29·70	-·20	28	24	+1	ESE	6	bc	2	30	24	-
Christiansund	29·87	44	S	3	bc	29·48	-·39	37	33	+9	ESE	4	c	3	34	25	-
Skudesnaes	29·69	44	S	8	r	29·60	-·28	49	48	+13	WSW	4	r	5	?	36	0·49
Oxö (Xtiansand)	29·83	34	WNW	1	O	29·67	-·23	48	47	+19	SW	6	r	4	?	?	0·16
Skagen (The Skaw)	29·82	36	NNW	2	b	29·78	-·05	38	37	+5	SW	5	r	3	?	30	0·08
Fanö	29·98	33	Z	0	c	29·90	+·07	44	44	+11	SW	4	O	•	46	30	-
Cuxhaven	29·92	38	NE	2	b	?30·01	+·24	36	35	-3	SW	2	b	•	39	34	-
‡Sumburgh Head	29·49	46	SW	3	r	29·53	-·04	50	50	+5	W	4	r	4	50	40	0·52
‡Stornoway	29·60	50	WSW	6	r	29·64	+·01	50	52	+1	SSW	5	cpq	4	52	48	0·54
Wick	29·56	50	SW	4	O	29·64	·00	52	52	+9	W	3	c	2	52	41	0·22
Nairn	29·63	50	WSW	2	O	29·70	-·02	53	50	+10	WSW	2	O	2	54	43	0·02
‡Aberdeen	29·70	45	SW	2	r	29·45	-·06	53	51	+13	W	1	O	1	54	39	0·04
Leith	29·81	49	W	4	r	29·85	-·04	52	51	+12	W	4	cmq	•	53	39	0·02
‡Shields	29·88	48	WSW	2	cm	29·91	-·01	52	51	+14	SW	2	rmq	2	52	36	0·04
Spurn Head	29·96	43	WSW	3	bc	29·98	+·10	49	46	+4	SW	3	cmq	2	49	41	-
York	29·97	44	W	1	bc	29·99	+·05	52	49	+13	W	1	O	•	52	38	-
Loughborough	30·03	41	WSW	1	b	30·06	+·13	48	46	+9	W	4	c	•	50	38	-
‡Ardrossan	29·86	50	SW	3	cp	29·92	+·02	52	50	+6	W	4	O	3	52	45	0·02
Malin Head	29·89	50	W	3	O	29·89	-·02	50	49	+1	SW	3	c	3	51	48	0·05
‡Mullaghmore	29·97	51	W	5	cp	29·93	-·05	51	50	+1	SSW	5	cqm	4	52	49	0·03
‡Belmullet	30·02	51	WNW	4	O	29·93	-·05	51	50	0	SW	5	rm	•	51	49	0·05
Donaghadee	29·95	48	SW	2	O	29·98	+·02	51	50	+10	WNW	3	c	1	51	40	0·01
Barrow-in-Furness	29·96	48	SW	3	O	29·98	+·01	50	49	+10	WSW	3	O	•	50	39	0·04
Liverpool (Bidston)	30·00	47	W	2	O	30·04	+·04	50	48	+10	W	5	bc	3	50	40	-
‡Holyhead	30·01	49	SW	3	O	30·06	+·04	51	51	+4	WSW	4	cm	3	51	46	-
Parsonstown	30·08	50	WSW	1	O	30·04	·00	50	47	+7	Z	O	O	•	51	42	0·02
‡Valencia																	
Roche's Point	30·16	50	WNW	2	c	30·13	+·04	50	49	+3	WSW	2	c	3	53	49	0·01
Pembroke	30·09	50	WNW	3	O	30·14	+·12	52	50	+6	W	4	c	3	52	48	0·01
‡Scilly	30·13	52	NW	4	O	30·20	+·15	52	50	+3	WNW	2	O	4	52	48	0·01
Prawle Point	30·14	44	NW	2	c	30·20	+·24	48	46	+6	NW	1	O	2	54	40	-
Hurst Castle	30·10	42	NNE	1	b	30·14	+·30	48	44	+8	W	2	c	2	49	38	-
‡Dungeness	29·99	46	ENE	4	c	30·12	+·29	41	40	-2	WNW	2	b	1	51	35	0·03
‡London	30·05	45	NW	2	b	30·14	+·32	44	43	+1	WSW	2	cm	•	48	35	-
Oxford	30·09	39	NW	2	b	30·18	+·23	44	43	+4	WSW	2	c	•	48	39	-
Cambridge	30·04	43	N	1	b	30·10	+·21	45	44	+4	SW	1	bc	•	51	36	-
‡Yarmouth	29·99	44	NNW	1	bc	30·05	+·24	44	43	0	WSW	2	bc	3	48	39	-
The Helder	29·99	34	ENE	1	b	30·04	+·30	47	45	+6	SW	3	c	2	?	34	-
Cape Gris Nez																	
‡Jersey	30·10	47	N	2	bc	30·19	+·33	48	48	+3	W	1	ogqm	2	49	45	0·01
Brest	30·14	46	N	5	b	30·25	+·30	51	48	+7	NNW	4	O	4	52	?	-
Lorient	30·15	49	N	5	b	30·26	+·31	48	47	0	NNW	3	O	2	55	41	-
‡Rochefort	30·09	49	N	4	c	30·26	+·35	44	41	-5	NE	5	O	2	52	39	-
Biarritz	30·09	50	E	3	c	30·21	+·30	46	45	-2	NNE	3	O	3	61	43	0·55
Corunna	*	*	*	*	*	?30·42	-	53	53	-	NE	1	O	5	57	45	0·04
Brussels	*	*	*	*	*	30·20	+·54	35	34	-8	SSW	1	b	•	45	33	0·08
Charleville	? 29·93	38	S	1	O	?30·14	+·53	33	32	-8	S	1	b	•	45	32	0·04
Paris	29·89	45	NE	4	r	30·23	+·59	38	34	-6	SW	4	O	•	*	*	-
Lyons	29·91	44	WNW	3	O	30·10	+·34	39	34	0	NW	1	b	•	52	38	-
Toulon	29·83	48	NW	5	bc	29·93	+·19	46	41	+1	NE	3	bc	2	52	43	-

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Monday, 2nd November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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.

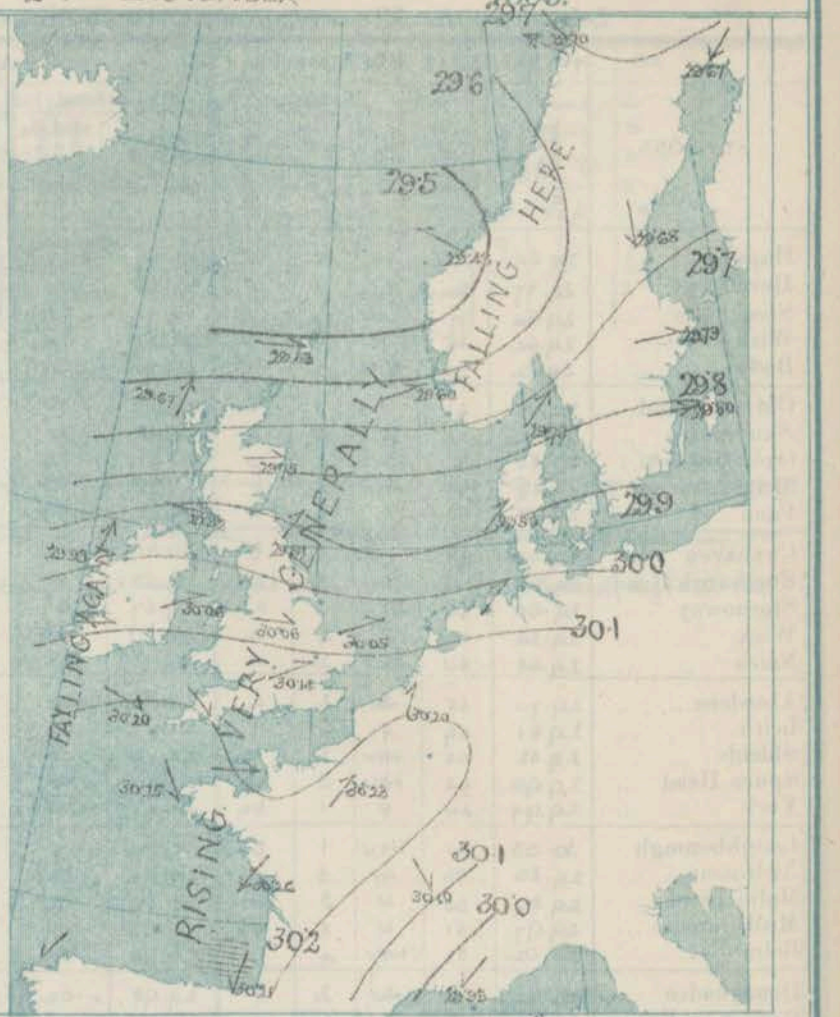
Sea Disturbance — where considerable, is shown thus

= Rough, = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. Ins.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

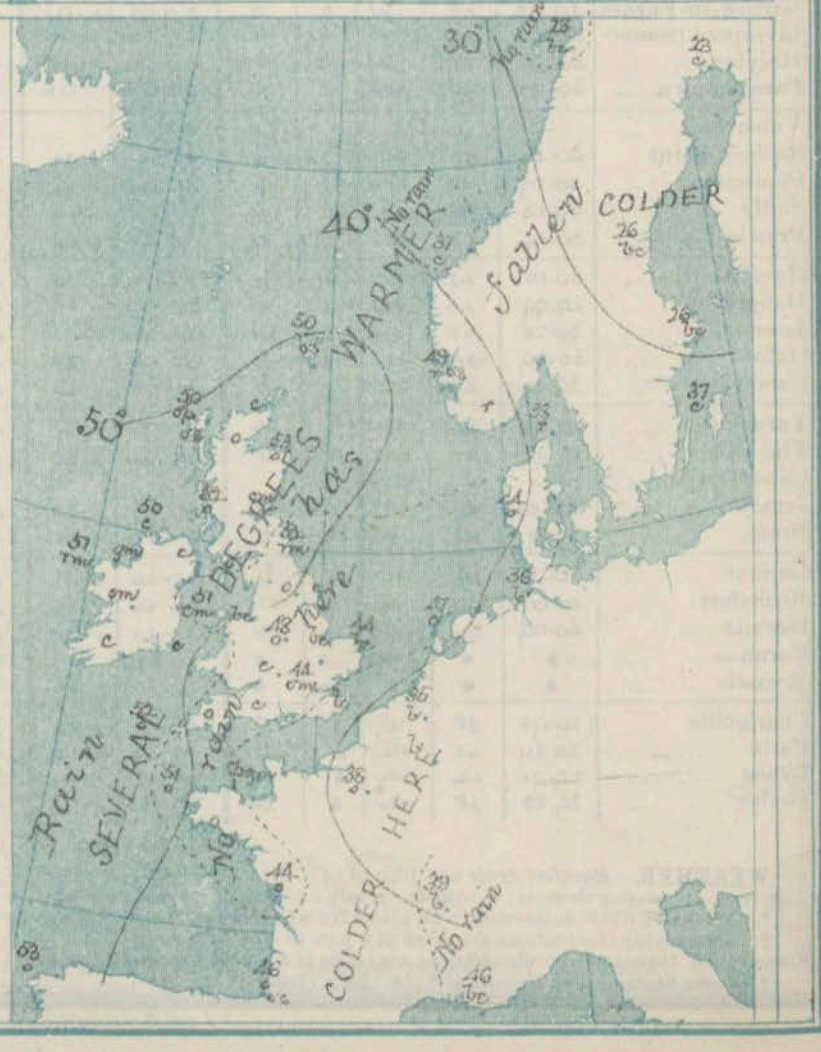
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·3in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of November

STATIONS	TEMPERATURE. Daily Max	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL. (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Monday 2nd November 1885, at 8 a.m.

The depression which lay over the north-east of France yesterday has passed away to the eastward, and the barometer has risen at all but our extreme western and northern and the Scandinavian stations, where a fall has taken place. The highest pressures are now found over France and the Bay of Biscay. The wind is NE^ly in the south of France, and SE^ly in the west of Norway, but SW^ly or W^ly elsewhere; in force it is light or moderate generally, but on our extreme north-west coast it blows freshly. The weather is fair in the south and south-east of our Islands and also in the north of Scandinavia, but cloudy or overcast elsewhere, with rain at Turnburgh Head, Shields, and Belmullet. In the course of the past twenty four hours rain has fallen at most of our western and northern stations. Temperature has fallen in France, but risen several degrees in our Islands; readings now range from 53° at Nairn and Aberdeen to 41° at Rungenes. In London the thermometer on the grass fell last night to 26°. The sea is moderate on our extreme western and northern coasts, slight or smooth elsewhere.

A depression is apparently advancing from the westward, but the Valencia report has not yet arrived, 11.45 am.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 30th Ult. a whole gale from SE. shifting to NW. was experienced in Lat. 42° N. Long 63° W., the barometer at 5pm falling to a minimum of 29.3 ins:

FORECASTS

for the 24 hours ending at NOON on 3rd NOVEMBER 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW^ly Winds, freshening; dull, unsettled, some rain.	6 SCOTLAND WEST	Same as N° 0
1 SCOTLAND EAST	------ D° ------ D° ------ D° ----	7 ENGLAND N.W.	Same as N° 0.
2 ENGLAND N.E.	Same as N° 5.	8 ENGLAND S.W	W^ly to SW^ly winds, freshening; cloudy, some rain.
3 ENGLAND EAST	Same as N° 5	9 IRELAND NORTH	S^ly and SW^ly winds, increasing in force; dull, unsettled, some rain.
4 MIDLAND COUNTIES	Same as N° 5.	10 IRELAND SOUTH	------ D° ------ D° ------ D° ----
5 ENGLAND SOUTH	SW^ly and W^ly winds, moderate: fair to unsettled, and some rain	WARNINGS	The south cone was hoisted yesterday morning in districts 0, 6 and 5.

Fredk Dangerfield, Lith., London, (131.)

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

	Bar.	Dry.	Wet.	Wind		Wea.	Sea.
Skudesnaes	29.81	40	36	S	6	r	2
Sumburgh Head							
Stornoway							
Aberdeen							
Shields							
Ardrossan							
Malin Head							
Mullaghmore							
Belmullet							*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead							
Valencia							
Scilly							
Dungeness							
London							*
Yarmouth							
Jersey							
Rochefort	29.99	50	45	NNW	8	0	3

REMARKS.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS.

AND THEIR NEIGHBOURHOOD

FROM THE 25TH TO THE 31ST OCTOBER 1885.

The dominant systems of pressure during this week have been cyclonic and the type of gradient very variable. The depressions were complex in form, some of their gradients were steep and their movements somewhat erratic.

The first one approached our northern coasts, from the westward, on Sunday the 25th, and after undergoing some modification in form, reached the Orkneys by 8 am next day. As it passed eastwards to the Skager Rack a second minimum was developed over the Shetlands. These two minima lay in a "trough" of low pressure, which at 8 am on the 28th stretched from Scotland across the North Sea to the south of Sweden. The whole system then moved southeastwards and disappeared over Germany on the following day, while the barometer rose fast over the United Kingdom.

The second advanced to our western coasts on the night of the 29th. This also was a complex system, and while the northern portion of it moved eastwards up the English Channel, producing SE½ to NE½ winds, which increased to a strong gale over our eastern Counties on Saturday, after which it moved southwards to the northeast of France and dispersed.

The weather has consequently been cold, wet and rough, and the barometer very unsteady.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for — Tuesday — 3rd November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	29.87	15	NE	2	b	30.01	+.34	20	19	-3	NE	2	o	•	27	?	-
Hernösand	29.89	21	2	0	be	29.98	+.30	24	24	-2	2	0	b	•	32	14	-
Stockholm	29.93	34	2	0	n	29.96	+.17	36	36	+10	2	0	f	•	36	23	0.04
Wisby	29.94	42	W	6	n	29.94	+.14	44	44	+7	W	2	o	•	?	32	0.24
Bodö	29.67	29	ESE	8	b	29.53	-.17	30	28	+2	E	8	o	3	?	27	-
Christiansund	29.53	43	ESE	2	n	29.49	+.01	45	43	+8	ESE	4	o	4	?	34	0.20
‡Skudesnaes	29.80	49	NW	2	n	29.75	+.15	49	48	0	ESE	6	n	8	50	48	0.39
Oxö (Ytiansund)	29.80	48	NW	2	o	29.90	+.23	49	48	+1	SW	4	o	3	?	46	0.08
Skagen (The Skaw)	29.82	46	W	3	o	29.93	+.15	46	46	+8	NW	1	o	1	46	34	0.12
Fanö	29.97	48	SW	4	o	30.03	+.13	48	48	+4	SW	4	f	•	48	?	0.35
Cuxhaven	30.09	42	SW	4	o	30.10	+.09	45	45	+9	SW	3	f	•	?	?	-
‡Sumburgh Head	29.58	50	W	3	n	29.36	-.17	51	50	+1	SSW	4	o	4	51	45	0.10
‡Stornoway	29.53	52	SSW	6	omw	29.32	-.35	58	58	+3	SSW	6	nq	6	53	49	0.12
Wick	29.60	51	W	3	o	29.38	-.29	53	51	+1	SW	3	bcw	2	54	49	0.02
Nairn	29.62	54	SW	3	o	29.40	-.30	59	55	+6	SW	4	c	2	59	51	-
‡Aberdeen	29.73	51	SW	4	n	29.55	-.20	55	54	+2	WSW	5	cq	2	59	50	0.12
Leith	29.79	52	W	3	n	29.62	-.23	56	54	+4	W	1	cm	•	58	51	0.03
‡Shields	29.91	52	SSW	3	c	29.74	-.17	54	52	+2	S	3	cm	2	55	49	0.10
Spurn Head	30.02	50	SSW	3	o	29.89	-.09	49	49	+2	SSW	4	cp	2	51	42	0.10
York	30.02	51	SW	2	o	29.85	-.14	52	51	0	S	1	f	•	54	47	0.26
Loughborough	30.04	51	NW	3	o	29.93	-.13	50	50	+2	SSW	5	dq	•	54	47	0.21
‡Ardrossan	29.80	51	S	5	n	29.63	-.29	53	52	+1	SSW	4	o	3	53	49	0.18
Malin Head	29.68	52	SSW	4	n	29.53	-.36	52	51	+2	SSW	4	o	4	54	49	0.18
‡Mullaghmore	29.75	54	SSW	6	n	29.60	-.33	56	55	+5	S	6	o	5	56	50	0.36
‡Belmullet	29.78	53	SW	5	om	29.59	-.34	55	54	+4	SSW	6	n	8	55	50	0.35
Donaghadee	29.83	50	NW	5	n	29.69	-.29	55	54	+4	NW	4	o	3	55	49	0.47
Barrow-in-Furness	29.96	50	NW	3	o	29.80	-.18	51	51	+1	SW	4	o	•	52	48	1.89
Liverpool (Bidston)	30.00	52	SW	2	o	29.82	-.20	56	53	+6	SW	3	o	3	56	50	0.63
‡Holyhead	29.98	52	SSW	5	nw	29.83	-.23	58	53	+2	SW	6	nw	5	54	51	0.94
Parsonstown	29.91	54	NW	1	n	29.77	-.30	58	56	+8	SW	1	oq	•	58	48	0.12
‡Valencia	29.96	55	SW	4	ogmw	29.80	-.32	55	55	+4	SSW	4	omd	6	56	50	0.15
Roche's Point	30.01	50	NW	4	o	29.87	-.26	53	53	+3	SW	4	nw	4	53	49	0.02
Pembroke	30.08	53	SW	4	o	29.93	-.21	53	53	+1	SW	5	nw	5	53	51	0.16
‡Scilly	30.16	53	NW	4	o	30.03	-.14	54	53	+2	SW	4	ow	4	55	51	0.01
Prawle Point	30.19	51	NW	2	o	30.08	-.12	52	52	+4	SW	4	op	5	55	45	0.14
Hurst Castle	30.16	51	NW	3	c	30.11	-.06	50	50	+2	SW	4	n	2	52	49	0.09
‡Dungeness	30.09	50	W	2	c	30.11	+.01	53	51	+12	NW	3	o	3	54	40	-
‡London	30.14	49	SW	2	bc	30.08	-.06	49	47	+5	SW	3	n	•	57	44	0.05
Oxford	30.12	50	SW	2	bc	30.04	-.09	49	48	+5	SSW	2	n	•	54	43	0.21
Cambridge	30.11	47	SW	1	b	30.03	-.04	49	49	+4	SSW	2	n	•	56	42	0.14
‡Yarmouth	30.09	51	SSW	2	c	30.03	-.02	48	47	+4	SSW	4	omw	3	51	42	0.09
The Helder	30.09	49	SW	1	o	30.08	+.04	46	45	-1	S	3	c	2	50	46	0.04
Cape Gris Nez																	
‡Jersey	30.20	51	2	0	ogp	30.16	-.03	51	48	+3	SW	3	oq	3	52	48	0.08
Brest	30.24	51	N	1	o	30.19	-.08	51	49	0	SW	4	n	3	54	45	-
Lorient	30.25	51	NW	3	o	30.21	-.05	48	46	0	SE	3	o	2	54	43	-
‡Rochefort	30.28	49	NNE	3	b	30.26	.00	40	38	-4	ESE	3	b	2	54	36	-
Biarritz	30.24	60	N	4	o	30.19	-.04	41	34	-5	E.NE	3	b	1	55	39	-
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30.21	+.01	39	34	+4	S	3	c	•	49	?	-
Charleville	?30.21	39	SSW	1	b	?30.24	+.10	30	28	-3	SSW	1	o	•	?	25	-
Paris	30.23	43	NE	4	bc	30.27	+.04	36	35	-2	W	4	bc	•	•	•	-
Lyons	30.12	45	N	5	o	30.20	+.10	40	38	+1	N	3	o	•	49	39	-
Toulon	29.97	49	NE	4	n	29.98	+.05	51	45	+5	E	1	bc	2	55	43	0.12

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fredk Dangerfield Lith London

WEATHER CHARTS

for 8 a.m. on Tuesday, 3rd November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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.

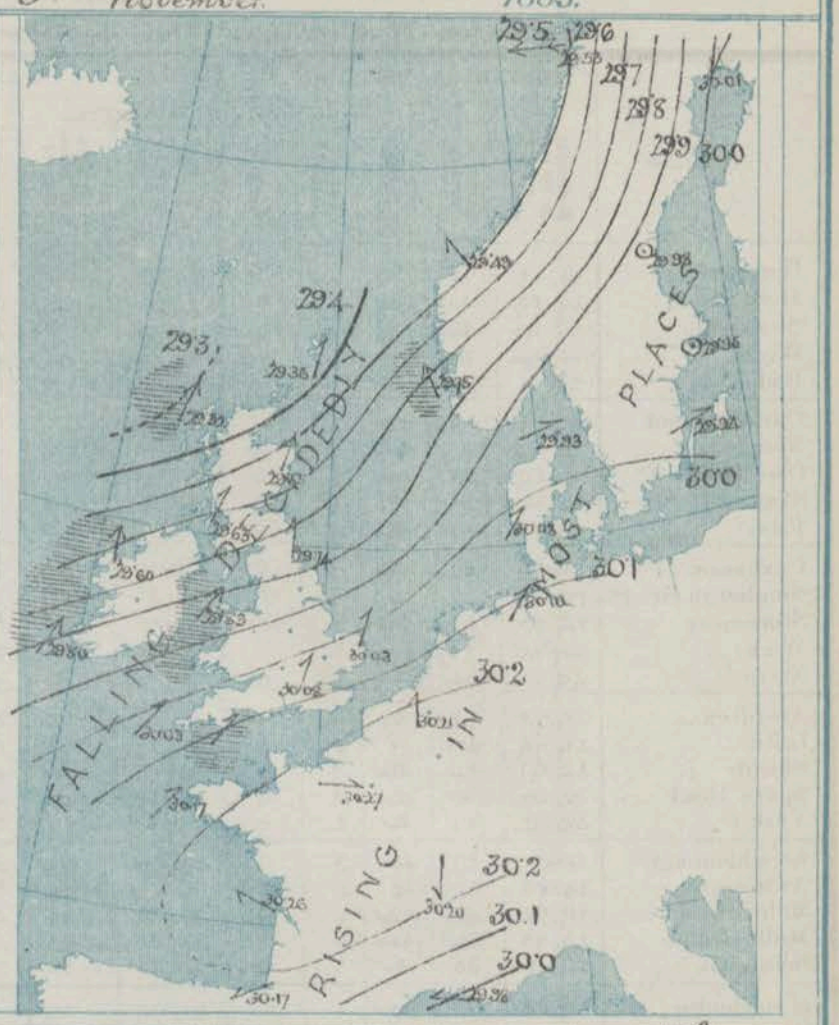
Sea Disturbance — where considerable, is shewn thus

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

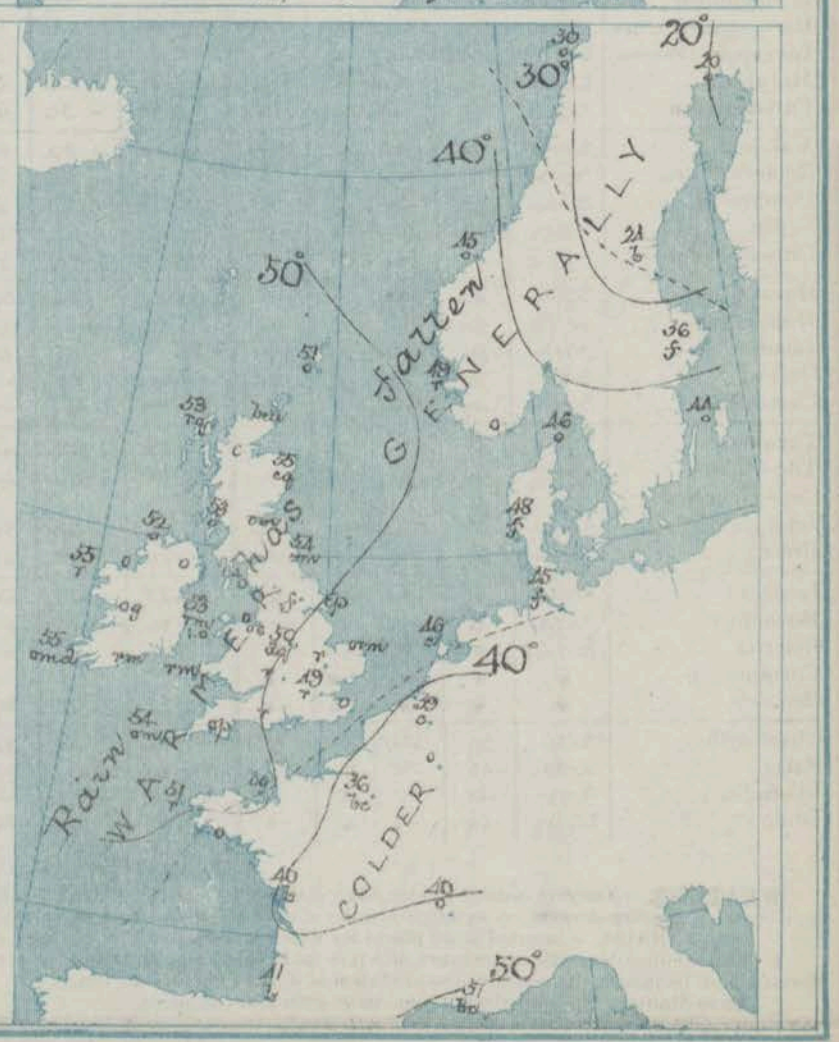
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of November

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL. (Inches.)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Tuesday 3rd. November 1885, at 8 a.m.

In the course of the past twenty-four hours the barometer has risen at most of the Continental stations, but fallen in our Islands, – most in the west and north. An anticyclone, in which readings exceed 30·2 ins: lies over France, but a series of depressions is passing along our extreme western and northern coasts, and gradients over our Islands are becoming steep. The wind in the south of France is E.by N., and in the west of Norway SE.by S., but elsewhere it varies between SW. and S.; in force it is moderate generally, but on our extreme west and north-west coasts strong breezes are reported. The weather is fair in France and the East of Scotland, but cloudy or overcast elsewhere, with rain in many places. Since yesterday rain has fallen in most parts of the Kingdom, the largest amounts being 0·9 ins: at Holyhead (Highest at Barrow in Furness) and 0·6 ins: at Liverpool. Temperature has again risen, and readings now range from 59° at Nairn and 58° at Parsonstown to 48° at Yarmouth. The sea is rough at Stornoway and Valencia, rather rough on our extreme west and south-west coasts generally moderate or slight elsewhere.

There is at present no sign of any serious depression, but conditions are very unsettled, and there is a tendency for a gradual increase in the steepness of the gradients over our Islands.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that a strong gale from SW. shifting to NE. was experienced on the 30th. Ult. in Lat: 43° N. Long 60° W. the barometer at 8 p.m. falling to a minimum of 29·5 ins:

FORECASTS

for the 24 hours ending at NOON on 4th November. 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW.by W. winds, fresh or strong; unsettled, some rain.	6 SCOTLAND WEST	Same as No 0
1 SCOTLAND EAST	----- Do. ----- Do. ----- Do. -----	7 ENGLAND N.W.	Same as No 0
2 ENGLAND N.E.	Same as No 5	8 ENGLAND S.W.	SW.by W. winds, moderate to strong; cloudy, some rain.
3 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	S.by W. and SW.by W. winds, strong, squally, rain at times.
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	----- Do. ----- Do. ----- Do. -----
5 ENGLAND SOUTH	S.by W. and SW.by W. winds, fresh; mild, changeable, some rain.	WARNINGS	NONE ISSUED.

Fredk Dangerfield, Lith. London, (151)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesness	29.71	49	49	W	2	nf	4
Sumburgh Head	29.58	50	49	W	4	o	4
Stornoway	29.61	52	52	SSW	6	d	6
Aberdeen	29.76	56	52	SW	3	b	1
Shields	29.93	55	52	W	1	e	2
Ardrossan	29.86	51	50	SW	4	o	3
Malin Head	29.71	52	51	SSW	8	o	3
Mullaghmore	29.80	54	53	SSW	6	onf	5
Belmullet	29.79	53	52	WSW	5	nq	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	30.04	53	52	SSW	3	cm	3
Valencia	30.00	54	54	SSW	6	o	6
Scilly	30.20	55	52	WSW	2	be	5
Dungeness	30.14	54	52	WSW	2	b	2
London	30.13	55	50	W	2	o	*
Yarmouth	30.07	51	49	W	3	e	3
Jersey	30.21	52	50	WSW	1	o	1
Rochefort	30.29	53	46	N	5	b	2

REMARKS.

The barometer continues to rise a little on our eastern coasts, but is falling elsewhere - most in the west of Ireland. The wind has increased to a strong breeze from SSW. on our extreme western coasts and rain is falling at Stornoway and Belmullet, elsewhere there has been little change in the winds or weather. The sea is rough or rather so in the extreme west and north west

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The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Wednesday 4th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	29.97	23	SE	4	s	29.83	— .18	25	25	— 5	SE	4	s	•	?	12	0.12
Hernösand	29.77	35	S	6	o	29.67	— .31	41	40	+ 17	SSW	2	r	•	?	19	0.04
Stockholm	29.94	42	2	0	o	29.93	— .03	45	44	+ 9	WSW	2	o	•	?	32	0.04
Wisby	30.01	45	WSW	4	c	30.02	+ .08	46	45	+ 2	WSW	4	bc	•	48	32	—
Bodö	29.34	36	ENE	8	r	29.43	— .10	40	37	+ 10	ENE	4	o	2	41	?	1.93
Christiansund	29.36	49	2	0	o	29.39	— .10	46	46	+ 1	N	1	f	4	55	43	0.51
‡Skudesnaes	29.67	50	SSE	8	r	29.57	— .18	50	49	+ 1	SSE	8	r	6	60	48	0.47
Oxö (Xtiansand)	29.83	49	SSW	6	f	29.75	— .15	49	49	0	SSW	4	r	4	?	48	1.62
Skagen (The Skaw)	29.91	43	SW	3	r	29.85	— .08	45	44	— 1	SSW	3	o	2	48	?	0.20
Fanö	29.99	46	S	6	o	29.89	— .14	41	40	— 7	S	6	o	•	48	41	—
Cuxhaven	30.12	43	SSW	2	b	30.04	— .06	35	35	— 10	S	2	b	•	?	34	—
‡Sumburgh Head	29.36	52	SW	4	o	29.47	+ .11	44	41	— 7	WSW	4	c	4	53	41	0.29
‡Stornoway	29.48	45	W	3	bl	29.47	+ .15	41	40	— 12	SSW	5	cpq	5	54	37	0.18
Wick	29.40	52	SW	2	r	29.55	+ .17	41	39	— 12	SW	3	bc	2	57	39	0.15
Nairn	29.42	54	SW	3	r	29.58	+ .18	39	38	— 20	SW	2	b	2	61	38	0.36
‡Aberdeen	29.49	55	SSW	3	o	29.64	+ .09	41	40	— 14	W	3	bc	1	58	40	0.08
Leith	29.53	58	W	2	o	29.71	+ .09	43	41	— 13	W	1	c	•	63	42	0.06
‡Shields	29.67	57	SSW	3	o	29.75	+ .01	46	44	— 8	W	4	o	2	59	45	—
Spurn Head	29.82	53	SSW	4	o	29.77	— .12	48	48	— 1	NW	3	cp	2	53	47	0.12
York	29.75	57	S	1	c	29.79	— .06	47	46	— 5	W	1	o	•	59	46	0.02
Loughborough	29.88	54	SW	4	o	29.83	— .10	47	47	— 3	WNW	1	rgm	•	55	47	0.12
‡Ardrossan	29.54	53	S	5	r	29.72	+ .11	45	43	— 8	W	4	b	3	53	43	0.17
Malin Head	29.57	46	WNW	3	r	29.66	+ .13	41	40	— 11	SW	4	b	4	55	41	0.26
‡Mullaghmore	29.62	49	NNW	5	r	29.72	+ .12	41	39	— 15	SSW	5	b	4	57	37	0.54
‡Belmullet	29.68	47	NW	2	o	29.69	+ .10	44	42	— 11	WSW	7	c	6	? 55	43	0.77
Donaghadee	29.58	55	SSW	5	o	29.80	+ .11	39	38	— 16	SW	3	bc	1	57	38	0.29
Barrow-in-Furness	29.73	53	SW	4	c	29.80	.00	45	43	— 6	WNW	3	c	•	53	44	0.14
Liverpool (Bidston)	29.76	58	SSW	3	c	29.84	.00	46	43	— 10	W	5	o	4	59	45	0.08
‡Holyhead	29.75	54	SSW	6	cu	29.88	+ .05	44	43	— 9	WNW	5	c	4	54	45	0.16
Parsonstown	29.65	52	SW	1	r	29.88	+ .11	37	35	— 21	SSW	1	b	•	61	36	0.49
‡Valencia	29.77	49	NW	6	rgm	29.95	+ .15	47	44	— 8	WSW	4	c	5	56	43	0.26
Roche's Point	29.76	51	SW	5	r	29.97	+ .10	42	40	— 11	W	3	b	4	55	40	0.18
Pembroke	29.94	54	SSW	6	r	29.95	+ .02	47	46	— 6	WNW	5	c	4	58	46	0.35
‡Scilly	29.95	49	SW	5	cm	30.00	— .03	50	46	— 4	NW	5	c	5	55	48	0.21
Prawle Point	30.01	52	SW	4	o	29.94	— .14	48	47	— 4	NW	1	cr	3	52	46	0.33
Hurst Castle	30.03	52	WSW	5	r	29.89	— .22	50	50	0	WNW	4	crm	2	55	49	0.30
‡Dungeness	30.05	52	WSW	4	o	29.91	— .20	52	52	— 1	WSW	4	c	3	54	50	0.09
‡London	30.01	50	SW	2	r	29.86	— .22	52	51	+ 3	SW	2	r	•	54	49	0.17
Oxford	29.95	52	S	3	r	29.80	— .18	48	47	— 1	N	3	r	•	55	48	0.72
Cambridge	29.95	51	SSW	2	r	29.83	— .20	52	52	+ 3	SW	1	r	•	52	48	0.28
‡Yarmouth	29.96	50	SSW	4	cd	29.83	— .20	50	50	+ 2	SSW	3	crm	3	52	46	0.27
The Helder	30.02	46	S	3	c	29.91	— .17	42	41	— 4	S	3	c	2	50	?	—
Cape Gris Nez	30.05	49	WSW	7	o	29.91		47	46		SW	5	o	4	54	45	—
‡Jersey	30.03	49	SW	3	rm	29.93	— .23	51	51	0	SW	4	cmr	3	52	48	0.30
Brest																	
Lorient	30.14	52	SW	4	o	30.00	— .21	53	52	+ 5	SW	4	r	3	56	43	0.55
‡Rochefort	30.21	48	NE	1	b	30.11	— .14	43	42	+ 3	SE	3	o	2	57	36	—
Biarritz	30.17	48	N	1	b	30.06	— .11	47	43	+ 6	S	3	b	1	55	?	—
Corunna	*	*	*	*	*	30.21		54	52		ENE	8	o	8	59	43	—
Brussels	*	*	*	*	*	30.01	— .20	39	36	0	S	3	b	*	48	37	—
Charleville	? 30.15	35	SSW	1	b	? 30.04	— .20	28	28	— 2	SW	1	o	•	38	24	—
Paris	30.19	39	SW	4	o	30.07	— .20	35	31	— 1	SE	4	bc	•	•	•	—
Lyons	30.44	42	NNW	1	o	30.05	— .15	40	39	0	NNW	1	o	•	44	39	—
Toulon	29.95	48	W	1	o	29.97	— .01	46	45	— 5	ENE	5	r	4	57	43	0.28

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fredk Thingerfield Toth London

WEATHER CHARTS

for 8 a.m. on WEDNESDAY. 4TH NOVEMBER. 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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 —*

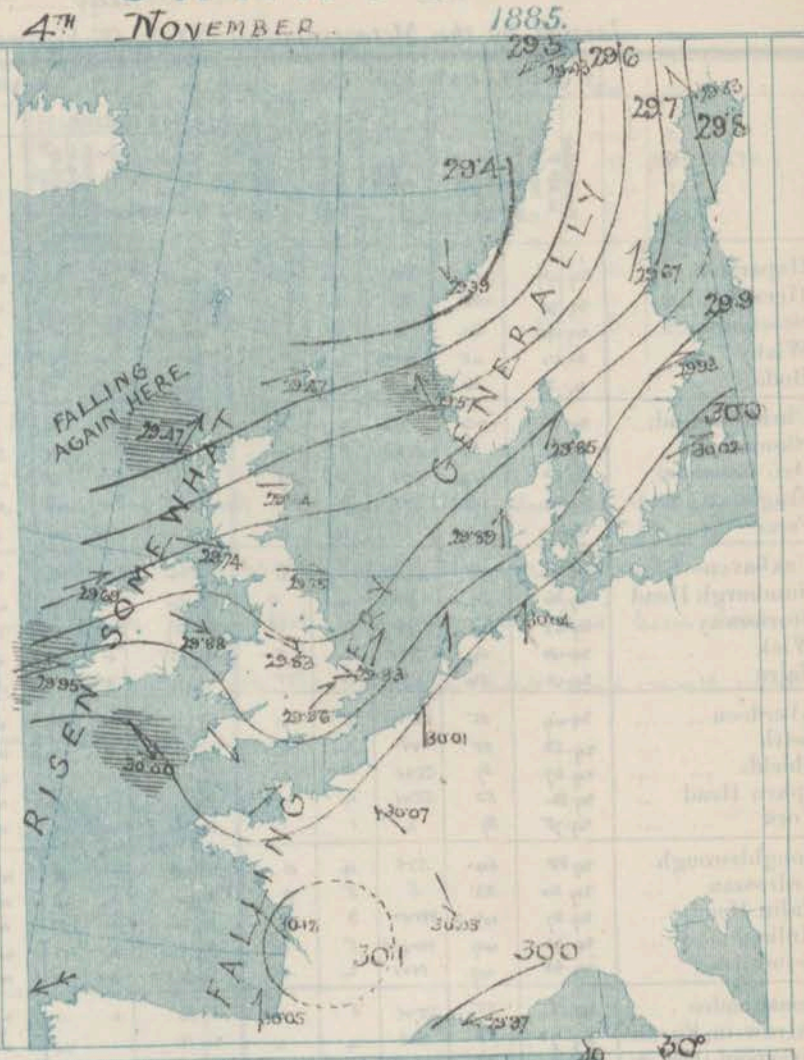
⟶ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable, is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M.,

with RAINFALL in PAST 24 HOURS.

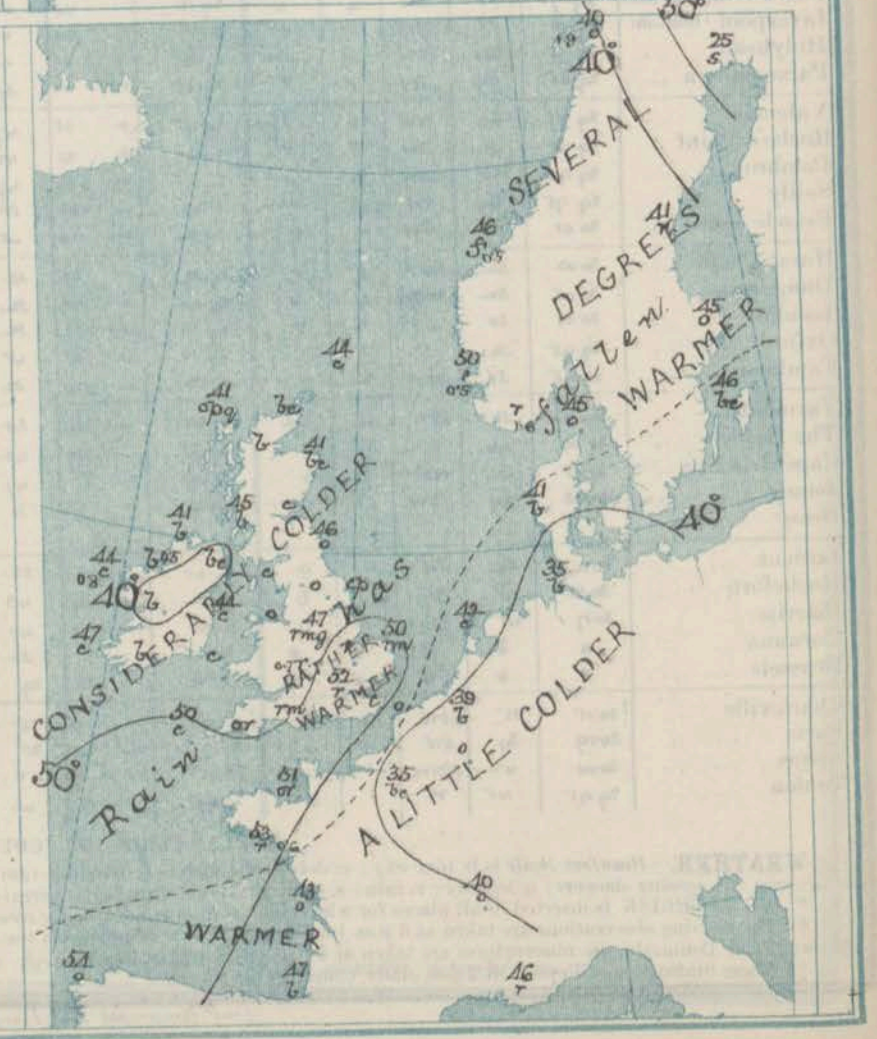
Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*
Weather is shown by Letters of the Beaufort Scale.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of November

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL. (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE — *The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*



REMARKS.

for Wednesday 4th November 1885, at 8 a.m.

In the course of the past twentyfour hours a series of V-shaped depressions has advanced directly over our Islands from the westward, and in the rear of these the barometer has risen somewhat at most of our western and northern stations. In the extreme northwest, however, a new fall of the mercury has set in during the night. During yesterday the wind shifted suddenly to the NW.d on our western and extreme northern coasts, and breezes from this quarter are still reported in the southwest of England, in Ireland and the west of Scotland, however, the wind has returned to the southwest and is inclined to freshen. The weather is fine at most of our western and northern stations, but dull and rainy in the southeast and south. In the course of the past twentyfour hours rain has fallen generally, the largest amounts being 0.8 in at Belmullet, 0.7 in at Clifford and 0.5 in at Mullaghmore. Temperature has risen a little in the southeast of England, but fallen elsewhere — rapidly in Ireland and Scotland. At Parsonstown the change since yesterday amounts to 21° and at Nairn to 20°. Readings over our Islands now range from 52° in the southeast of England to 39° at Nairn and Donaghadee and 37° at Parsonstown. The sea is rather rough on our southwest coasts as well as at Stornoway, moderate to smooth elsewhere.

A new depression is approaching our northwest coasts, and the general appearance is still very unsettled.

FORECASTS

for the 24 hours ending at NOON on 5th November 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW.ly winds, fresh or strong; cloudy, some rain.	6 SCOTLAND WEST	W.ly to SW.ly winds, fresh or strong, fair to unsettled and some rain.
1 SCOTLAND EAST	W.ly winds, moderate, to SW.ly fresh; fair to unsettled and some rain.	7 ENGLAND N.W.	..... D°. ..... D°. .....
2 ENGLAND N.E.	..... D°. ..... D°.	8 ENGLAND S.W	W.ly to SW.ly winds, fresh; fair to showery.
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	SW.ly winds, increasing in force; fair to unsettled and rainy.
4 MIDLAND COUNTIES	Same as No. 5.	10 IRELAND SOUTH	..... D°. ..... D°. .....
5 ENGLAND SOUTH	W.ly and SW.ly winds, moderate or fresh; fair generally, but not settled, turning colder.	WARNINGS	None issued.

Fredk Dangerfield, Lith. London, 131.

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesmaes	29.71	49	49	SSE	8	r	6
Sumburgh Head	29.34	51	50	SSW	4	o	4
Stornoway	29.41	48	48	WNW	4	r	4
Aberdeen	29.31	57	56	SSW	4	cm	2
Shields	29.70	59	54	S	3	o	2
Ardrossan	29.59	53	53	S	5	r	4
Malin Head	29.51	54	54	SW	3	r	4
Mullaghmore	29.55	56	55	SW	5	d	5
Belmullet	29.59	50	60	WNW	1	r	*
Holyhead	29.79	54	54	SSW	6	du	5
Valencia	29.70	55	55	SSW	9	rmw	7
Scilly	29.97	55	54	SSW	5	om	6
Dungeness	30.08	52	51	WSW	4	r	4
London	30.03	54	52	SW	3	od	*
Yarmouth	29.98	52	51	SSW	5	om	4
Jersey	30.12	50	49	SW	3	o	3
Rochefort	30.24	56	50	ENE	1	c	2

REMARKS.

The barometer continues to fall at all stations excepting Stornoway & Belmullet, the change being most decided at Valencia, where the wind has increased to a strong gale from SSW. On our extreme NW. coast the wind has veered to WNW. Dull raining weather is reported in many places. The sea is high at Valencia, rather rough at our western stations generally, moderate to smooth elsewhere.

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DAILY WEATHER REPORT

for Thursday 5th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	29.88	32	S	2	h	29.91	+.08	36	36	+11	S	2	h	•	?	21	0.16
Hernösand	29.96	42	SSW	2	b	29.87	+.20	39	39	-2	SSW	2	o	•	45	34	-
Stockholm	29.97	42	SSW	2	b	29.94	+.01	43	41	-2	S	2	o	•	50	39	-
Wisby	30.07	45	SW	6	c	29.96	-.06	42	36	-4	S	4	o	•	48	34	-
Bodö	29.54	40	E	2	h	29.62	+.19	40	34	0	ENE	2	e	1	41	37	0.20
Christiansund	29.58	42	SE	1	o	29.58	+.19	41	40	-5	S	0	o	4	?	37	0.43
‡Skudesnaes	29.69	43	S	0	h	29.56	-.01	46	44	-4	SSE	6	o	5	50	43	1.45
Oxö (Xtiansand)	29.65	48	S	8	h	29.62	-.13	45	44	-4	SSE	6	4	4	?	45	0.51
Skagen (The Skaw)	29.78	45	S	5	b	29.71	-.14	42	41	-3	S	5	o	2	46	41	-
Fanö	29.77	41	S	6	b	29.65	-.24	37	37	-4	S	6	h	•	46	36	0.044
Cuxhaven	29.90	41	SSE	1	o	29.79	-.25	40	40	+5	S	2	4	•	47	?	0.18
‡Sumburgh Head	29.44	45	SSW	4	c	29.38	-.09	39	36	-5	W	1	bc	2	46	37	0.01
‡Stornoway	29.84	40	SW	5	bgk	29.38	-.09	37	37	-4	WSW	4	cp	3	45	35	0.22
Wick	29.44	42	W	2	b	29.41	-.14	38	36	-3	W	2	c	2	46	35	-
Nairn	29.54	38	SW	2	b	29.40	-.18	36	34	-3	S	0	o	1	48	32	-
‡Aberdeen	29.56	42	SSW	2	bq	29.46	-.18	35	34	-6	WSW	1	4	1	47	32	-
Leith	29.59	44	W	1	c	29.48	-.23	37	35	-6	S	1	b	•	48	36	0.01
‡Shields	29.71	44	W	3	b	29.53	-.22	37	36	-9	SW	1	m	2	48	36	0.05
Spurn Head	29.79	44	W.	3	c	29.60	-.17	39	39	-9	SSW	4	b	2	48	38	0.18
York	29.78	42	WNW	1	b	29.59	-.22	39	38	-8	S	1	f	•	49	37	0.02
Loughborough	29.85	41	WSW	2	c	29.63	-.20	39	38	-8	WSW	2	cm	•	49	34	011
‡Ardrossan	29.58	45	W	5	bqp	29.44	-.24	41	40	-4	W	3	op	3	48	30	0.19
Malin Head	29.54	38	SSW	4	bqp	29.49	-.17	40	39	-1	NW	5	nq	5	45	34	0.42
‡Mullaghmore	29.62	40	WSW	6	cqp	29.58	-.14	43	40	+2	WNW	4	cpq	6	46	30	029
‡Belmullet	29.64	41	W	6	bc	29.63	-.06	44	38	0	NW	4	c	•	46	40	024
Donaghadee	29.65	42	WSW	5	b	29.52	-.28	39	38	0	WSW	3	bc	1	47	34	0.01
Barrow-in-Furness	29.70	46	SW	4	bc	29.51	-.29	40	39	-5	NW	3	h	•	48	39	0.56
Liverpool (Bidston)	29.77	44	SSW	3	b	29.56	-.28	40	39	-6	NW	2	h	2	48	39	0.05
‡Holyhead	29.75	47	SW	5	cu	29.56	-.32	43	43	-1	W	5	cq	4	49	42	0.10
Parsonstown	29.74	42	S	1	o	29.68	-.20	40	38	+3	WNW	2	bc	•	46	35	0.22
‡Valencia	29.85	44	NW	4	cqp	29.86	-.09	47	44	0	NW	6	cqp	6	50	42	0.46
Roche's Point	29.84	45	W	4	c	29.71	-.26	45	42	+3	NW	6	bcq	4	49	41	0.30
Pembroke	29.82	49	SSW	6	c	29.63	-.32	48	47	+1	WNW	6	c	6	50	46	0.044
‡Scilly	29.96	50	W	6	o	29.80	-.20	49	48	-1	WNW	8	c	6	51	46	0.16
Prawle Point	29.96	46	WNW	3	bc	29.72	-.22	49	48	+1	W	5	opq	6	51	44	0.24
Hurst Castle	29.93	50	NW	2	c	29.90	-.19	49	48	-1	WSW	6	bc	2	52	43	0.13
‡Dungeness	‡29.94	45	NNE	4	h	29.77	-.14	46	45	-6	WNW	3	c	3	53	40	0.82
‡London	29.90	42	NW	2	bc	29.91	-.15	44	42	-8	S	2	bc	•	54	39	0.30
Oxford	29.88	41	W	2	b	29.66	-.20	43	41	-5	SSW	2	o	•	48	40	0.16
Cambridge	29.86	44	SW	0	c	29.67	-.16	38	34	-14	SSW	1	bc	•	53	35	0.31
‡Yarmouth	29.82	44	NW	1	h	29.68	-.15	40	39	-10	SW	3	bm	2	52	39	0.51
The Helder																	
Cape Gris Nez																	
‡Jersey	29.98	48	NW	3	bc	29.84	-.09	48	44	-3	W	4	opm	6	51	46	0.46
Brest	30.06	49	WNW	5	o	29.97		50	48		WNW	4	h	5	54	45	0.12
Lorient	30.06	50	N	5	bc	30.00	.00	52	50	-1	WNW	4	o	5	56	45	0.12
‡Rochefort	30.09	51	SSW	4	h	30.15	+.03	52	50	+9	WSW	5	o	2	54	?	0.08
Biarritz	30.08	52	S	3	o	30.23	+.14	54	48	+7	WNW	5	o	3	54	?	0.08
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*									*			
Charleville	‡29.93	41	WSW	1	o	‡29.90	-.14	41	40	+13	WSW	1	c	•	49	?	0.12
Paris	29.95	43	S	3	h	29.91	-.10	43	41	+8	S	1	o	•	*	*	0.12
Lyons	30.07	42	N	3	o	30.08	+.03	40	39	0	NNW	1	o	•	44	39	-
Toulon	29.96	47	ENE	1	o	29.96	-.01	50	45	+4	E	3	bc	2	54	48	0.20

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fredk. Dangerfield Ltd. London

WEATHER CHARTS

for 8 a.m. on Thursday, 5th November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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.

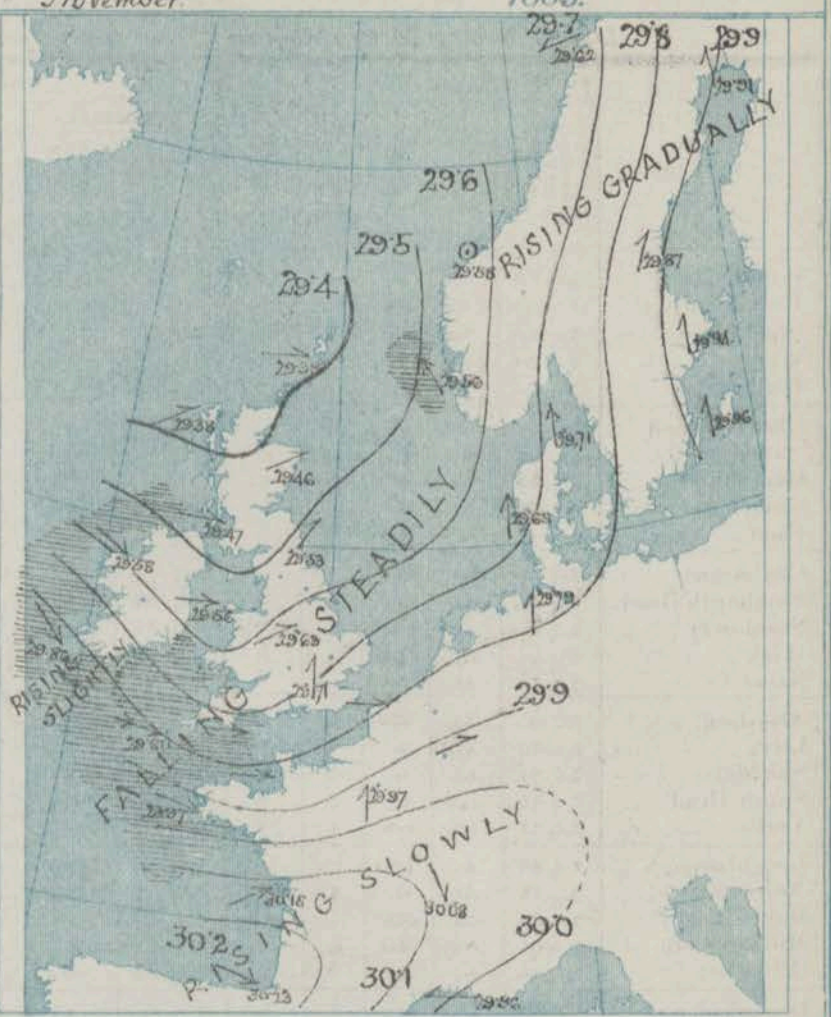
Sea Disturbance — *where considerable, is shewn thus*

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. in.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

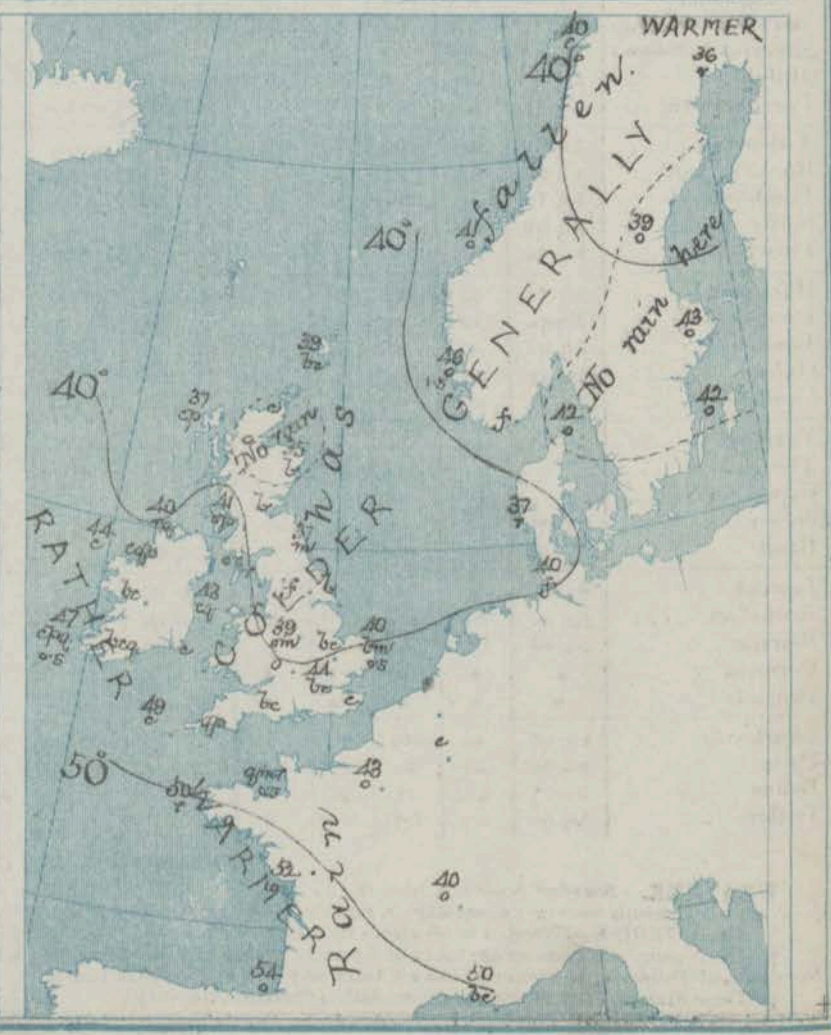
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of November

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Thursday 5th November 1885, *at 8 a.m.*

Pressure is highest in the south of France, and relatively high over Northern Europe, but a large shallow depression is lying to the northward of our Islands, while some small subsidiary disturbances are found over various parts of Great Britain. The barometer is, therefore, falling in our Islands as well as on the eastern shores of the North Sea, but in France and the north of Scandinavia a gradual rise is in progress. The wind is strong from the S^nd^ in Denmark and the south of Norway, and light or moderate from the SW^ard^ on the east coasts of Great Britain. On our west and south-west coasts, however, it blows strongly from NW. or W., and at the mouth of the Channel there is a slight gale. The weather is at present fine at the eastern and a few of our western stations, but cloudy or overcast elsewhere, with steady rain in the north-west of England, and passing showers on our extreme western coasts. Since yesterday rain has fallen in most parts of the Kingdom. Lightning was seen last night in the west of Scotland. Temperature has risen a little in Ireland but fallen elsewhere; readings now range from 49° at Scilly, Prawle Point, and Hurst Castle to 35° at Aberdeen. The sea is rough in the west and south-west, but slight or smooth in the north and east.

The shallow depressions lying over our Islands are likely to move slowly eastwards, but there is at present no indication of any important change in the weather.

FORECASTS

for the 24 hours ending at NOON on 6th November *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W^ly^ or NW^ly^ winds, moderate; changeable, some rain.	6 SCOTLAND WEST	W^ly^ and NW^ly^ winds, moderate or fresh; unsettled, showery.
1 SCOTLAND EAST	----D°----D°----D°----	7 ENGLAND N.W.	----D°----D°----D°----
2 ENGLAND N.E.	SW^ly^ to W^ly^ winds, moderate; unsettled, rain at times.	8 ENGLAND S.W	NW^ly^ and W^ly^ winds, strong; squally, showery.
3 ENGLAND EAST	----D°----D°----D°----	9 IRELAND NORTH	----D°----D°----D°----
4 MIDLAND COUNTIES	----D°----D°----D°----	10 IRELAND SOUTH	----D°----D°----D°----
5 ENGLAND SOUTH	W^ly^ winds, moderate or fresh; changeable, showery.	WARNINGS	None issued.

Fredk Dangerfield, Lith. London, (131.)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.63	45	45	WNW	6	r	6
Sumburgh Head	29.47	45	41	NW	4	bc	4
Stornoway	29.42	43	42	SSW	6	q/p	5
Aberdeen	29.60	47	43	SW	3	b	1
Shields	29.75	48	42	W	3	bc	2
Ardrossan	29.69	47	44	W	5	bc	4
Malin Head	29.58	41	40	SSW	4	c	4
Mullaghmore	29.66.	45	42	SW	5	c/p	5
Belmullet	29.65	46	42	W	4	c	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	29.83	47	45	SW	4	bc u	3
Valencia	29.86	47	45	W	4	o q/p	5
Scilly	30.02	50	45	WNW	5	c	5
Dungeness	29.82	52	52	WSW	4	r	3
London	29.88	46	44	NNW	4	o r	*
Yarmouth	29.82	48	47	NNW	2	o r	3
Jersey	29.95	49	47	NNW	3	c	3
Rochefort	30.09	51	47	S	5	o	2

REMARKS.

The barometer is falling at most of our western and northwestern stations as well as in the south east of England, but rising elsewhere. The wind has veered to NW. at some of our south eastern stations, but in the north and north west it is backing, and at Stornoway it blows strongly. The weather is rainy in the south east and showery in the extreme west, but fair in the intermediate localities. The sea is rather rough in the W. and SW.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Friday 6th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12)	Weather.	Sea. (0 to 9).	Max.	Min.	Amount of Rainfall.
Haparanda	30·12	35	S	2	c	30·20	+·29	35	35	− 1	S	4	o	•	36	34	0·04
Hernösand	30·01	42	S	2	c	30·11	+·24	41	41	+ 2	S	4	r	•	45	34	0·04
Stockholm	30·01	43	SSW	2	r	30·08	+·14	44	43	+ 1	SE	2	f	•	46	39	-
Wisby	30·00	44	S	4	r	30·03	+·07	45	45	+ 3	S	2	r	•	45	32	0·04
Bodö	29·67	45	E	2	b	29·71	+·09	44	39	+ 4	:	2	o	1	45	39	-
Christiansund	29·63	42	SW	1	o	29·77	+·19	41	39	0	SW	3	b	3	43	36	-
‡Skudesnaes	29·62	45	SE	6	o	29·98	+·42	44	39	− 2	WSW	2	e	4	46	1	0·20
Oxö (Xtianasand)	29·74	45	SSW	4	o	30·03	+·41	36	35	− 9	N	2	f	3	45	36	0·20
Skagen (The Skaw)	29·71	44	S	4	o	30·01	+·30	39	39	− 3	S	0	f	0	45	34	0·04
Fanö	29·83	37	S	1	b	30·09	+·42	32	32	− 5	SSE	1	f	•	45	32	0·16
Cuxhaven	29·79	42	SSE	2	c	30·07	+·28	36	36	− 4	S	1	f	•	43	34	0·04
‡Sumburgh Head	29·50	40	S	1	c	29·82	+·44	40	37	+ 1	W	4	e	3	46	35	0·02
‡Stornoway	29·66	36	W	3	b	29·86	+·48	37	37	0	ENE	1	oq	2	43	32	0·03
Wick	29·66	36	NW	2	bc	29·92	+·51	36	34	− 2	S	1	b	1	43	38	-
Nairn	29·66	37	SW	2	b	29·92	+·52	32	31	− 4	S	0	b	1	43	31	-
‡Aberdeen	29·69	37	WSW	2	b	29·99	+·53	29	28	− 6	WSW	1	b	1	46	29	-
Leith	29·77	39	NW	1	b	30·00	+·52	34	34	− 3	S	1	m	•	45	33	-
‡Shields	29·70	41	W	1	c	30·09	+·54	36	34	− 1	SW	2	m	2	43	38	-
Spurn Head	29·70	41	NNW	4	bc	30·14	+·54	39	39	0	NW	3	bc	2	42	34	0·20
York	29·75	38	NNW	1	bc	30·12	+·55	33	33	− 6	SE	1	f	•	43	31	0·04
Loughborough	29·75	38	NW	2	b	30·16	+·53	31	31	− 8	WSW	1	bcm	•	42	30	0·06
‡Ardrossan	29·79	42	NW	3	b	29·99	+·52	45	44	+ 4	S	4	o	3	46	34	0·09
Malin Head	29·81	42	NW	4	bc	29·92	+·43	45	45	+ 5	SW	3	d	3	47	38	0·11
‡Mullaghmore	29·90	44	WNW	5	o	29·94	+·36	50	50	+ 7	SW	5	om	4	50	42	0·25
‡Belmullet	29·94	46	NW	5	o	29·97	+·34	51	50	+ 7	SW	5	o	•	51	42	0·14
Donaghadee	29·86	39	SSW	2	b	30·01	+·49	43	43	+ 4	SSW	3	o	1	46	34	0·05
Barrow-in-Furness	29·81	40	NNW	2	b	30·08	+·57	39	38	− 1	NW	3	o	•	42	34	0·40
Liverpool (Bidston)	29·84	43	NW	4	b	30·10	+·54	40	39	0	S	1	o	2	45	38	0·42
‡Holyhead	29·88	45	NW	6	bcq	30·06	+·50	44	44	+ 1	SSW	3	rm	2	46	43	0·01
Parsonstown	29·97	42	W	1	o	30·07	+·39	50	49	+ 10	SW	1	o	•	50	38	0·03
‡Valencia	30·05	47	WSW	3	oqm	30·14	+·28	47	46	0	WSW	3	o	?	50	?	0·18
Roche's Point	30·05	45	NW	3	bc	30·11	+·40	50	48	+ 5	WSW	3	e	4	50	44	0·03
Pembroke	29·95	46	NW	6	c	30·12	+·49	51	50	+ 3	W	2	e	3	51	45	0·03
‡Scilly	30·02	50	NW	7	c	30·20	+·40	52	51	+ 3	WNW	5	e	6	52	48	0·02
Prawle Point	29·98	42	NW	4	bc	30·20	+·48	46	45	− 3	SW	2	o	3	50	40	0·02
Hurst Castle	29·84	42	NNW	5	b	30·20	+·50	40	40	− 9	W	2	e	3	50	38	0·07
‡Dungeness	29·68	43	NW	3	c	30·11	+·34	36	35	− 10	NW	3	m	2	51	33	0·31
‡London	29·77	42	NNW	2	b	30·19	+·48	34	33	− 10	WSW	1	bc	•	47	31	0·02
Oxford	29·90	40	NNW	4	b	30·19	+·53	36	35	− 7	S	0	em	•	45	34	0·21
Cambridge	29·76	39	W	2	o	30·20	+·53	34	33	− 4	S	0	b	•	44	32	0·18
‡Yarmouth	29·62	42	NW	2	o	30·10	+·42	40	39	0	NW	3	bc	4	46	39	0·11
The Helder	29·71	43	SE	1	b	30·03		42	41		ESE	1	e	1	48	41	0·24
Cape Gris Nez																	
‡Jersey	29·92	47	NW	7	bc	30·22	+·38	48	45	0	NNW	2	oqm	2	53	46	0·05
Brest	30·06	50	N	4	o	30·24	+·27	51	49	+ 1	WNW	4	o	5	54	48	0·16
Lorient	30·06	50	NW	8	b	30·28	+·28	49	45	− 3	NW	4	o	3	55	45	0·16
‡Rochefort	30·09	53	WNW	8	r	30·31	+·16	50	46	− 2	NNW	4	e	3	?	45	0·20
Biarritz	30·20	55	WSW	8	o	30·29	+·04	55	52	+ 1	NNW	4	o	5	59	50	0·08
Corunna	*	*	*	*	*	30·31	+·27	52	51	+ 2	NW	1	o	5	59	43	0·04
Brussels	*	*	*	*	*	30·03		43	42		SSW	1	o	•	47	42	0·04
Charleville	?29·73	44	SW	7	o	?29·99	+·09	40	39	− 1	SW	1	o	•	49	40	0·28
Paris	29·75	47	S	3	c	30·19	+·22	39	38	− 4	?WSW	3	bc	•	•	•	0·12
Lyons	30·00	43	SSE	1	o	30·09	+·01	39	36	− 1	NW	4	bc	•	49	38	0·08
Toulon	29·91	48	NW	8	bc	29·69	−·24	44	39	− 6	NW	8	bc	6	54	41	-

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.

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

Fred. Dangerfield, Printer, London.

WEATHER CHARTS

for 8 a.m. on Friday, 6th November, 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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 shewn thus*

▬ = Rough. ▬ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29·724
Stornoway	29·755
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Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
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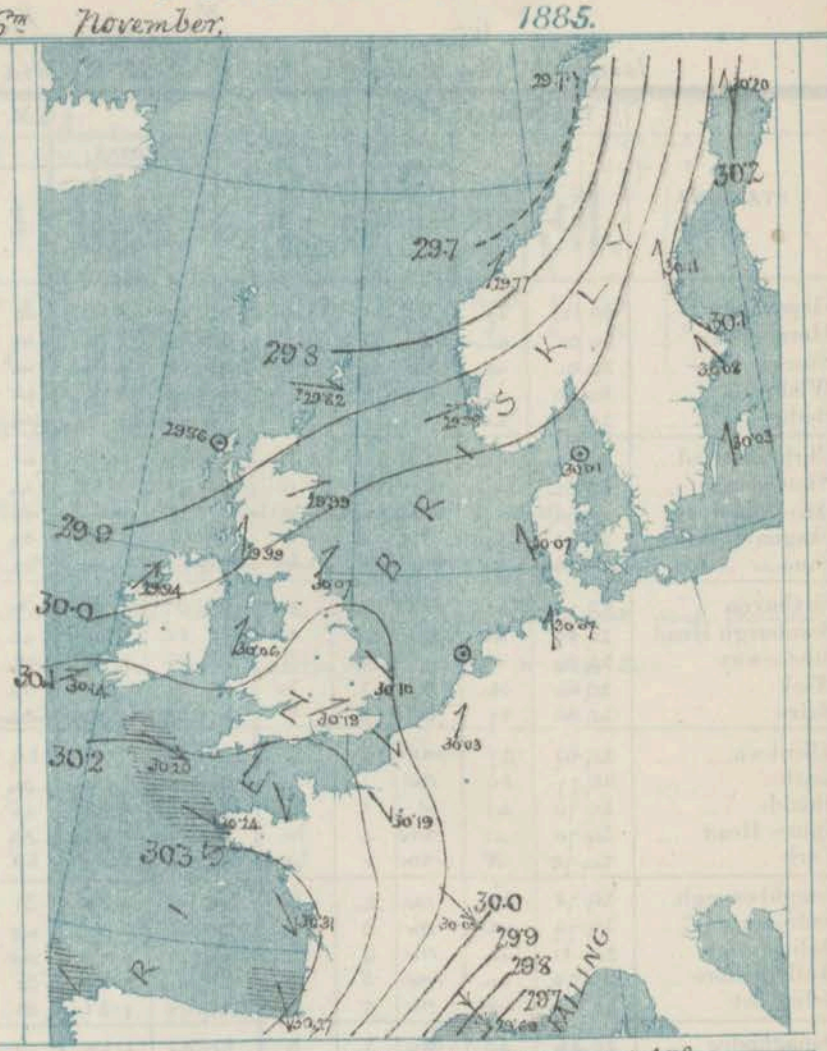
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

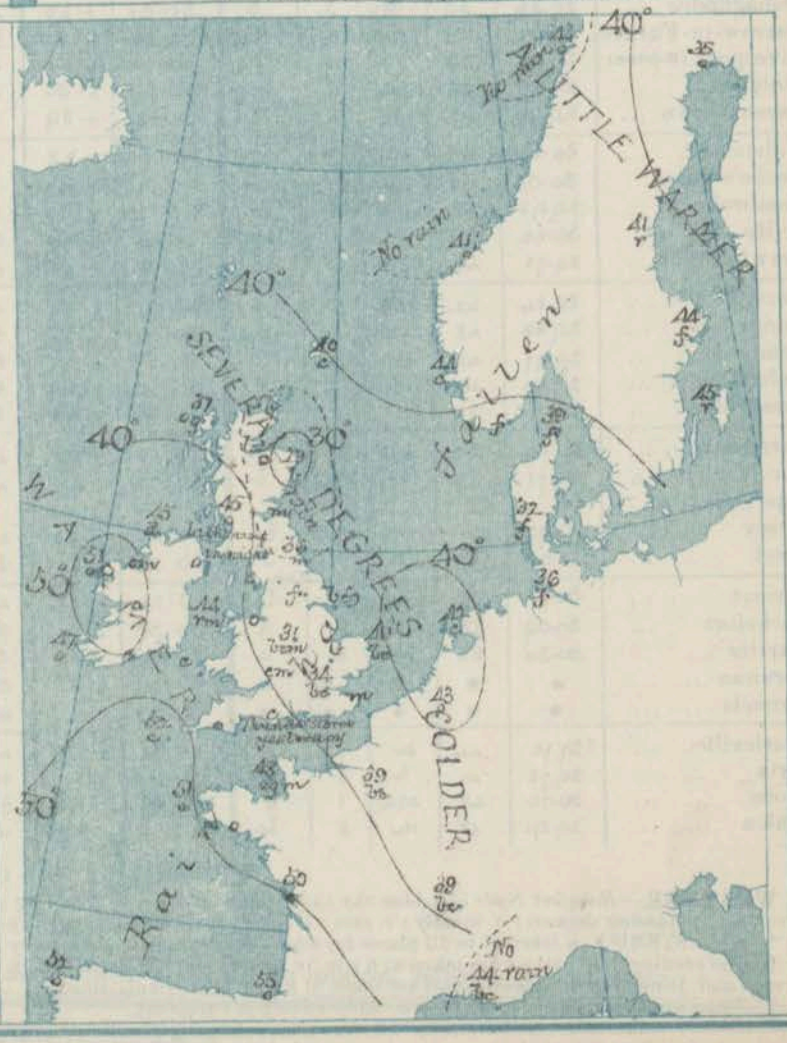
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of November

STATIONS	TEMPERATURE. Daily Max	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL. (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Friday, 6th November. 1885, at 8 a.m.

Since yesterday morning the barometer has risen generally, but in the course of the night the rise appears to have slackened considerably on our extreme west and north-west coasts. The distribution of pressure is very singular; areas of high readings are lying over Northern Europe and the Bay of Biscay, and an area of low readings off the west of Norway, but in addition to these a tongue of relatively low pressure exists over the North Sea, and a well defined depression over the Gulf of Genoa. The wind is NW$^{by}_{to}$ at our south-eastern and the French stations, and S$^{by}_{to}$ in Sweden and Denmark but elsewhere it is chiefly SW$^{by}_{to}$; in force it is light or moderate generally, but at Toulon there is a fresh "Mistral". The weather is fine over the eastern and central parts of the United Kingdom and France, but foggy in Denmark, and dull on our west coasts, with rain at Malin Head and Holyhead. Rain fell yesterday at all but our northern and north eastern stations, a thunderstorm occurred at Kurt Castle, and lightning was seen at Aberdeen. Temperature has fallen over all depressions in the east, but risen in the west, and readings now range from 52° at Scilly, to 31° at Loughborough and 29° at Aberdeen. Frost occurred last night over Great Britain. The sea is rough at Scilly, moderate to smooth elsewhere.

The distribution of pressure remains favourable for the formation of depressions over our eastern stations, and the fine weather is therefore likely to prove merely temporary.

FORECASTS

for the 24 hours ending at NOON on 7th Nov.r *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW$^{by}_{to}$ and W$^{by}_{to}$ Winds, moderate; fair to cloudy and unsettled.	6 SCOTLAND WEST	SW$^{by}_{to}$ to W$^{by}_{to}$ Winds, moderate; dull, unsettled, some rain.
1 SCOTLAND EAST	------D°------D°------D°----	7 ENGLAND N.W.	------D°------D°------D°----
2 ENGLAND N.E.	Same as No 5	8 ENGLAND S.W	SW$^{by}_{to}$ to NW$^{by}_{to}$ Winds, fresh or strong unsettled, some rain.
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	------D°------D°------D°----
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	------D°------D°------D°----
5 ENGLAND SOUTH	W$^{by}_{to}$ to SW$^{by}_{to}$ Winds, moderate; fair to unsettled and some rain.	WARNINGS	None issued.

Fredk Dangerfield, Lith. London, (131)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.59	45	43	SE	1	0	4
Sumburgh Head	29.43	44	40	SW	2	bc	2
Stornoway	29.56	42	40	WSW	4	bpsh	3
Aberdeen	29.69	44	40	NW	3	c	1
Shields	29.58	43	40	NW	1	c	2
Ardrossan	29.66	44	42	NW	3	b	2
Malin Head	29.84	45	44	NW	4	bc	5
Mullaghmore	29.82	42	40	WNW	6	chrq	5
Belmullet	29.82	46	43	WNW	3	bc	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	29.75	46	42	NW	6	bcq	5
Valencia	30.00	50	46	NW	4	cqp	4
Scilly	29.94	51	49	NW	8	cq	7
Dungeness	29.59	46	45	WNW	3	r	3
London	29.61	46	44	WNW	4	c	*
Yarmouth	29.59	45	43	SSE	4	r	4
Jersey	29.80	50	46	WNW	7	bc	6
Rochefort	30.10	56	52	W	7	r	3

REMARKS.

The barometer is now rising at all but our south eastern stations – briskly in the west – and the wind has veered to the NW^{t} in most places; in the west it still blows strongly, and at Scilly there is a fresh gale. Rain is falling at Dungeness and Yarmouth and passing showers on our extreme north and north west coasts. The sea is high at Scilly, rather rough on our northwest coasts, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Saturday — 7th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	30·12	35	SE	4	r	30·10	−·10	38	33	−2	SW	2	b	*	36	33	0·39
Hernösand	30·13	40	Calm	0	b	30·29	+·18	30	30	−11	Calm	0	b	*	43	?	0·16
Stockholm	30·23	43	Calm	0	o	30·35	+·29	36	35	−8	W	2	o	*	48	?	0·04
Wisby	30·19	44	S	4	r	30·28	+·25	46	43	0	NE	4	o	*	50	33	0·16
Bodö	29·84	42	E	2	b	29·96	+·25	40	38	−4	SSW	4	bc	2	45	36	0·16
Christiansund	29·95	42	SSW	5	r	29·99	+·22	39	37	−2	ESE	6	r	3	41	36	0·12
‡Skudesnaes	30·19	46	ESE	2	bc	30·18	+·20	46	46	+2	SSE	8	r	6	?	?	0·24
Oxö (Xtiansand)	30·24	38	NNW	1	b	30·33	+·30	36	35	0	N	2	c	2	41	34	0·08
Skagen (The Skaw)	30·26	40	S	1	o	30·36	+·35	38	38	−1	SW	1	f	0	41	34	–
Fanö	30·30	33	SE	1	f	30·41	+·34	31	31	−1	SE	4	f	*	?	?	–
Cuxhaven	30·26	41	S	?	f	30·42	+·35	34	34	−2	SE	1	f	*	?	32	–
‡Sumburgh Head	29·87	45	E	4	o	29·80	−·02	50	49	+10	SW	4	h	4	50	38	0·40
‡Stornoway	29·71	52	SW	5	o	29·84	−·02	52	52	+15	SSW	5	o q p	5	53	36	0·75
Wick	29·81	42	S	3	c	29·90	−·02	53	51	+17	W	2	bc	2	53	36	–
Nairn	29·82	46	SW	1	b	29·91	−·01	56	53	+24	SW	3	c	2	56	32	0·02
‡Aberdeen	29·91	45	SSW	4	p	30·02	+·08	53	51	+24	SW	5	c q	2	53	29	0·01
Leith	30·04	50	SW	1	o	30·08	+·08	55	51	+21	SW	3	c	*	55	34	–
‡Shields	30·21	46	S	2	m	30·19	+·12	46	45	+10	SW	1	m	2	49	36	–
Spurn Head	30·21	44	E	3	b	30·26	+·12	45	45	+6	SSW	3	c m	2	47	38	–
York	30·19	46	SSE	1	bc	30·26	+·14	46	45	+13	S	1	f	*	47	32	–
Loughborough	30·25	45	E	1	o	30·30	+·14	46	45	+15	ESE	1	o	*	51	31	–
‡Ardrossan	30·02	51	SSW	4	o m	30·11	+·12	51	50	+6	S	5	o	4	51	44	0·13
Malin Head	29·92	52	SSW	5	o	30·01	+·09	52	51	+4	S	5	c q	3	54	45	0·05
‡Mullaghmore	30·00	54	SW	5	o m	30·05	+·11	52	51	+2	S	5	c	4	54	50	0·03
‡Belmullet	29·99	52	SW	4	o m	30·01	+·04	52	51	+1	SW	4	o m	0	53	51	0·04
Donaghadee	30·08	50	SW	3	c	30·14	+·13	49	48	+6	SW	3	b	1	53	42	0·01
Barrow-in-Furness	30·15	48	SE	2	c	30·23	+·15	47	47	+8	SE	4	bc	*	49	38	0·03
Liverpool (Bidston)	30·19	47	SSE	1	c	30·25	+·15	48	46	+8	SSE	2	c	2	51	40	0·01
‡Holyhead	30·17	51	SSW	3	o	30·22	+·16	49	49	+5	SSW	3	bc	2	52	44	0·16
Parsonstown	30·14	52	Calm	0	o	30·16	+·09	49	48	−1	SW	1	c	*	53	48	–
‡Valencia	30·15	53	SW	4	o q m	30·11	−·03	54	53	+7	S	6	o q m	6	56	47	0·08
Roche's Point	30·16	52	WSW	2	c	30·17	+·06	51	51	+1	SW	5	r m	4	54	49	0·04
Pembroke	30·22	52	WSW	4	o	30·25	+·13	51	50	0	SSW	4	c	4	54	50	0·06
‡Scilly	30·26	53	WSW	4	c	30·29	+·09	51	50	−1	S	3	c	4	55	49	0·01
Prawle Point	30·28	50	W	1	b c	30·31	+·11	50	49	+4	WNW	1	b c	2	55	45	0·02
Hurst Castle	30·35	50	SW	2	c	30·34	+·14	48	47	+8	E	1	c	2	51	39	–
‡Dungeness	30·29	43	N	1	b	30·35	+·24	42	41	+6	NE	1	b	1	48	32	–
‡London	30·31	45	NW	1	o	30·36	+·17	46	43	+12	NW	1	o	*	52	34	–
Oxford	30·29	49	SSW	2	o	30·33	+·14	46	45	+10	S	2	o f	*	49	36	–
Cambridge	30·29	41	Calm	0	c	30·33	+·13	45	44	+11	S	1	o	*	51	33	–
‡Yarmouth	30·29	44	Calm	0	b c	30·34	+·24	43	41	+3	SSW	1	c	2	47	39	0·01
The Helder	30·28	38	ESE	1	f	30·36	+·33	34	34	−8	SSE	1	f	1	46	32	–
Cape Gris Nez																	
‡Jersey	30·30	49	S	1	f	30·33	+·11	46	46	−2	SE	3	o m	3	51	45	0·05
Brest																	
Lorient	30·31	53	NW	4	b	30·32	+·04	48	47	−1	NE	1	o	2	57	43	–
‡Rochefort	30·34	50	NNE	4	o	30·34	+·06	53	52	+3	NNE	4	b	2	54	36	–
Biarritz	30·35	48	E	3	m	30·31	+·04	42	41	−13	E	3	b	3	57	41	–
Coruna	*	*	*	*	*	?30·37	−·15	44	43	−5	E NE	1	m	4	61	43	–
Brussels	*	*	*	*	*	?	?	39	38	−4	NE	1	o	*	49	34	–
Charleville	?30·26	42	SW	1	o	?30·32	+·33	34	33	−6	SE	1	b	*	45	34	0·04
Paris	30·30	46	NW	3	b	30·36	+·17	40	37	+1	NW	4	o	*	*	*	–
Lyons	30·25	39	N	1	b	30·15	+·06	39	37	0	NNW	5	c	*	43	38	–
Toulon	29·70	49	NNW	1	bc	29·89	+·20	50	45	+6	E	4	c	4	52	43	–

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 shower; 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Dangerfield, Printer, London.

WEATHER CHARTS

for 8 a.m. on Saturday, 7th November. 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

Wind — Arrows show the prevailing 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.

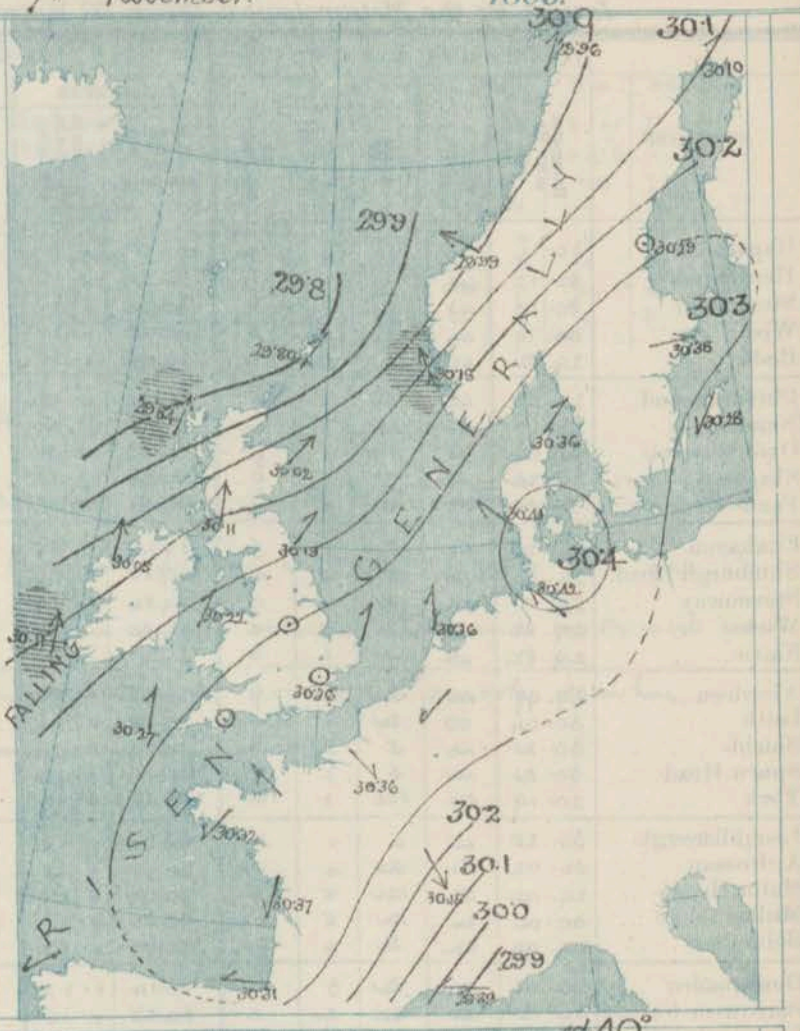
Sea Disturbance — where considerable, is shown thus

▨ = Rough. ▩ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. in.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

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 IN SHADE. AND RAINFALL.

for the month of November

STATIONS	TEMPERATURE. Daily Max	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL. (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Saturday 7th November. 1885. at 8 a.m.

Since yesterday morning the barometer has continued to rise on all but our extreme western and northern coasts, and a long band of high pressure, in which readings exceed 30·3 ins: now extends from the Bay of Biscay to the south of Sweden. The wind is E¾N in the south of France, and N¾W in the north of that country, but elsewhere it varies between SW and S. In force it is light or moderate generally, but strong in the west of Ireland. The weather is fair on the whole, but a good deal of cloud prevails locally, fog is reported over Denmark and the Netherlands and rain is falling in the Shetlands and Hebrides as well as at Christiansund. Since yesterday rain has fallen at most of our western and extreme northern stations. Temperature has risen generally; in the west the change has been slight but over Central England it has been more considerable, while in the east of Scotland, readings are from 2° to 2½° higher than they were yesterday. The sea is rough at Valencia, rather rough at Stornoway, moderate to smooth elsewhere.

Depressions are apparently moving along in a northerly direction outside our extreme western and northern coasts, but the weather in the south east of England is likely to remain fair for a time.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 3rd Inst: the following gales were experienced over the Atlantic:— a "whole gale" from S. veering to NW. in Lat: 42° N. Long: 61° W.; a "storm" from S. veering to W. in Lat: 41° N. Long: 60° W, and a "whole gale" from SE. shifting to NW. in Lat: 43° N Long 60° W. The barometer in each instance fell to a minimum of 29·6 ins: the lowest point being reached in the first and second cases at Noon, and in the third case at 1 p.m.

FORECASTS

for the 24 hours ending at NOON on 8th November *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S¾E and SW¾W Winds, moderate to strong; cloudy, unsettled, some rain.	6 SCOTLAND WEST	Same as No 0.
1 SCOTLAND EAST	SW¾W Winds, moderate and fresh; fair generally.	7 ENGLAND N.W.	S¾E and SW¾W winds, freshening; fair to cloudy and some rain.
2 ENGLAND N.E.	------D°--------D°--------D°----	8 ENGLAND S.W	------D°-------D°-------D°----
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	S¾E and SW¾W winds, strong; squally, some rain.
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	------D°-------D°-------D°----
5 ENGLAND SOUTH	S¾E and SW¾W Winds, light or moderate; fair generally.	WARNINGS	None issued

Fredk Dangerfield, Lith. London, (13).

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·10	48	43	SW	4	c	4
Sumburgh Head	29·91	43	40	W	3	c	3
Stornoway	29·94	48	48	S	6	r	6
Aberdeen	29·99	42	40	SSW	3	c	1
Shields	30·09	46	42	SSW	2	c m	3
Ardrossan	29·99	49	48	SW	5	c	4
Malin Head	29·91	52	51	SW	4	bc	4
Mullaghmore	00·00	53	52	SW	4	c	4
Belmullet	29·99	53	52	SW	5	c q	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	30·13	52	51	SW	8	c w	2
Valencia	30·16	55	53	SW	5	c q	5
Scilly	30·25	54	52	W	4	c	5
Dungeness	30·23	48	42	N	2	bc	1
London	30·25	50	43	W	2	b m	*
Yarmouth	30·21	49	43	NW	1	bc	3
Jersey	30·29	48	48	SSE	1	m	1
Rochefort	30·37	52	48	NNW	3	c	2

REMARKS.

The barometer continues to rise in most places, with light or moderate SW breezes and fair weather. At Stornoway and Aberdeen, however, the mercury is falling and at the former station there is a strong SW breeze and rain. The sea is rough at Stornoway, rather rough at Valencia and Scilly, moderate to smooth elsewhere.

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DAILY WEATHER REPORT

for Sunday 8th Nov.r 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	30·21	35	Z	0	o	30·14	+ ·04	32	32	— 1	SE	2	o	*	36	30	0·08
Hernösand	30·20	39	S	6	o	30·27	— ·02	37	36	+ 1	Z	0	bc	*	41	28	—
Stockholm	30·39	35	SW	2	o	30·40	+ ·05	41	40	+ 5	WSW	2	o	*	46	34	—
Wisby	30·41	41	SW	4	o	30·44	+ ·16	39	38	— 6	W	4	b	*	46	34	—
Bodö	29·99	39	E	2	o	30·08	+ ·12	36	34	— 4	ENE	2	o	1	41	36	0·21
Christiansund	29·92	51	WSW	8	r	30·20	— ·21	48	48	+ 9	Z	0	f	3	?	36	0·32
‡Skudesnaes	30·27	50	S	8	o	? 30·38	+ ·20	48	47	+ 12	SSE	6	o	6	50	46	0·43
Oxö (Xtiansand)	30·30	47	SW	4	c	30·48	+ ·15	44	43	+ 8	SSW	1	bc	3	2	?	—
Skagen (The Skaw)	30·43	40	SSW	1	bc	30·51	+ ·15	38	38	0	SW	1	f	0	41	36	—
Fanö	30·47	30	SSE	4	f	30·53	+ ·12	32	32	+ 1	SE	4	f	*	36	?	—
Cuxhaven	30·47	37	SE	3	f	30·51	+ ·09	41	41	+ 7	E	2	b	*	41	5	—
‡Sumburgh Head	30·01	52	W	4	o	30·12	+ ·32	47	46	— 3	S	3	o	3	53	41	0·05
‡Stornoway	29·97	52	SSW	6	r	30·02	+ ·18	51	50	— 1	SSW	6	og	6	52	49	0·04
Wick	30·04	50	S	1	b	30·11	+ ·21	52	50	— 1	S	1	bc	1	56	46	—
Nairn	30·04	54	SW	1	b	30·08	+ ·17	51	48	— 5	SW	1	bc	1	59	49	—
‡Aberdeen	30·13	50	S	3	o	30·24	+ ·19	49	48	— 4	S	3	c	1	56	45	—
Leith	30·18	52	SW	2	c	30·23	+ ·15	51	48	— 4	SW	2	om	*	58	50	—
‡Shields	30·24	51	SSW	2	m	30·32	+ ·12	47	46	+ 1	SSW	2	om	2	55	46	—
Spurn Head	30·29	47	SSE	2	c	30·36	+ ·10	46	45	+ 1	SSE	3	bc	2	48	43	—
York	30·27	49	S	1	o	30·36	+ ·10	45	44	— 1	SSE	1	o	*	50	44	—
Loughborough	30·31	49	SSE	1	o	30·36	+ ·06	44	42	— 2	SE	2	c	*	51	43	—
‡Ardrossan	30·16	50	SE	2	omi	30·20	+ ·09	50	49	— 1	SSW	3	r	2	53	49	0·03
Malin Head	29·99	52	S	4	o	30·03	+ ·02	50	48	— 2	S	7	bc	4	? 54	49	—
‡Mullaghmore	30·05	55	S	5	c	30·04	— ·01	51	48	— 1	S	6	c	5	56	50	—
‡Belmullet	30·00	52	S	5	o	30·01	·00	50	49	— 2	S	7	op	c	52	50	0·02
Donaghadee	30·17	51	SSW	1	r	30·20	+ ·06	48	48	— 1	SW	3	c	1	53	47	—
Barrow-in-Furness	30·23	58	SE	3	o	30·28	+ ·05	47	47	0	SE	3	o	*	52	47	0·01
Liverpool (Bidston)	30·26	49	SSE	2	o	30·31	+ ·06	47	46	— 1	SE	1	m	?	53	46	—
‡Holyhead	30·23	51	SSW	3	c	30·26	+ ·04	50	48	+ 1	S	3	cm	2	54	49	0·02
Parsonstown	30·14	51	SE	1	c	30·17	+ ·01	49	47	0	ESE	1	c	*	55	48	—
‡Valencia	30·07	53	SSE	6	og	30·08	— ·03	52	51	— 2	SSE	6	o	6	55	49	0·02
Roche's Point	30·16	51	S	4	c	30·14	— ·03	50	49	— 1	S	5	bc	4	53	49	0·06
Pembroke	30·25	51	S	1	o	30·25	·00	51	49	0	SSE	4	og	4	54	50	0·01
‡Scilly	30·23	52	S	3	o	30·21	— ·06	51	48	0	SE	4	c	5	57	49	—
Prawle Point	30·31	49	SE	3	o	30·29	— ·02	49	47	— 1	ESE	3	c	3	55	47	—
Hurst Castle	30·33	49	Z	0	cm	30·34	·00	42	41	— 6	E	3	bc	2	51	39	—
‡Dungeness	30·35	45	Z	0	b	30·31	— ·04	47	46	+ 5	E	4	c	3	53	40	—
‡London	30·34	44	SW	1	cm	30·36	·00	40	39	— 6	Z	0	f	*	42	33	—
Oxford	30·34	48	S	1	o	30·37	+ ·04	37	36	— 9	SE	1	bm	*	50	37	—
Cambridge	30·34	47	Z	0	o	30·40	+ ·07	40	39	— 6	E	1	o	*	49	32	—
‡Yarmouth	30·35	45	SSW	1	bc	30·37	+ ·03	47	46	+ 4	ENE	1	c	3	47	40	—
The Helder	30·41	41	SE	1	b	30·42	+ ·06	40	40	+ 6	ESE	1	f	1	45	9	—
Cape Gris Nez	30·32	43	E	1	bm	30·30		40	39		SSE	4	bc	3	50	37	—
‡Jersey	30·30	45	ENE	1	b	30·28	— ·05	43	42	— 3	E	4	om	3	51	41	—
Brest	30·29	51	S	1	o	30·25		42	40		E	4	b	5	54	41	—
Lorient	30·28	48	NNE	1	b	30·23	— ·09	41	39	— 7	ENE	4	m	2	55	36	—
‡Rochefort	30·31	45	NE	5	b	30·24	— ·13	44	43	— 9	NE	5	o	2	54	35	—
Biarritz	30·24	48	N	2	b	30·17	— ·14	46	43	+ 4	WSW	3	o	4	57	39	—
Corunna	*	*	*	*	*	? 30·21	— ·16	44	43	0	E	0	b	3	63	34	—
Brussels	*	*	*	*	*	30·35	?	38	38	— 1	ENE	1	f	*	44	37	—
Charleville	? 30·29	44	SW	1	b	? 30·26	— ·06	47	44	+ 14	E	5	o	*	?	?	—
Paris	30·33	43	NE	4	bc	30·30	— ·06	43	42	+ 3	N	1	m	*	*	*	—
Lyons	30·20	41	NNW	4	o	30·18	+ ·03	42	40	+ 3	NNW	1	o	*	42	42	—
Toulon	29·94	49	NW	3	c	29·97	+ ·08	47	43	— 3	NW	4	c	3	59	41	—

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred.k Dangerfield Toth London

WEATHER CHARTS

for 8 a.m. on Sunday 8th November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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 —*

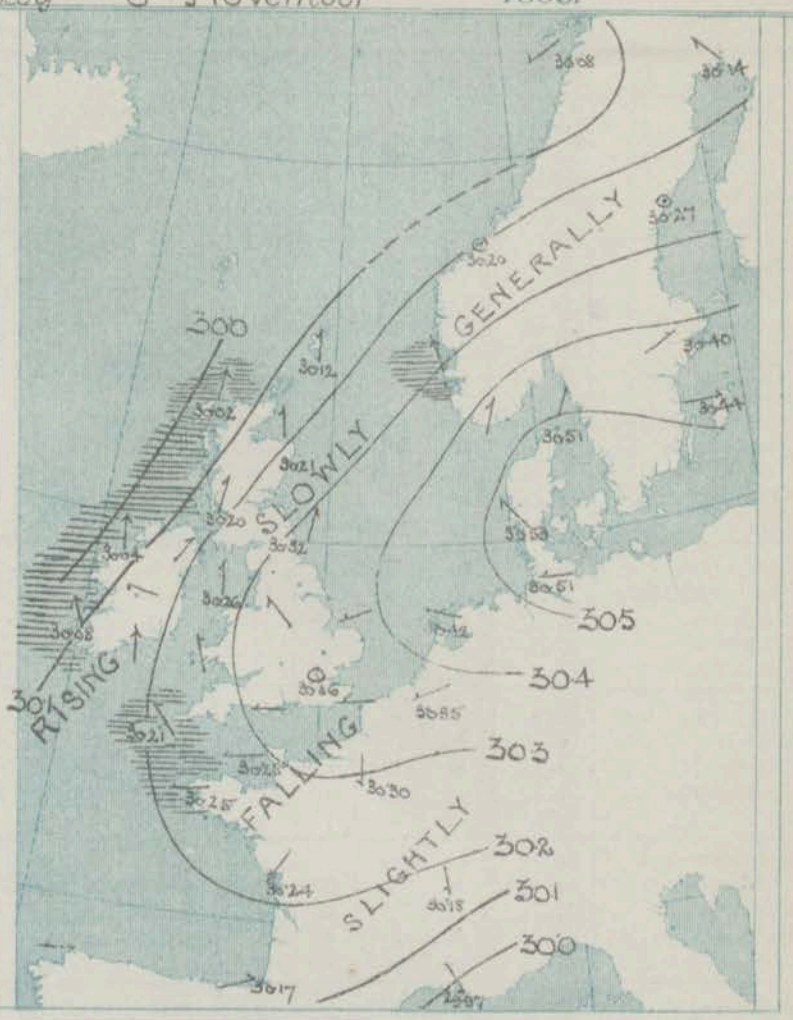
⟶ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable, is shewn thus*
= Rough, = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of **November**
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	750.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M.,

with **RAINFALL** *in* **PAST 24 HOURS.**

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

Weather is shown by Letters of the Beaufort Scale.

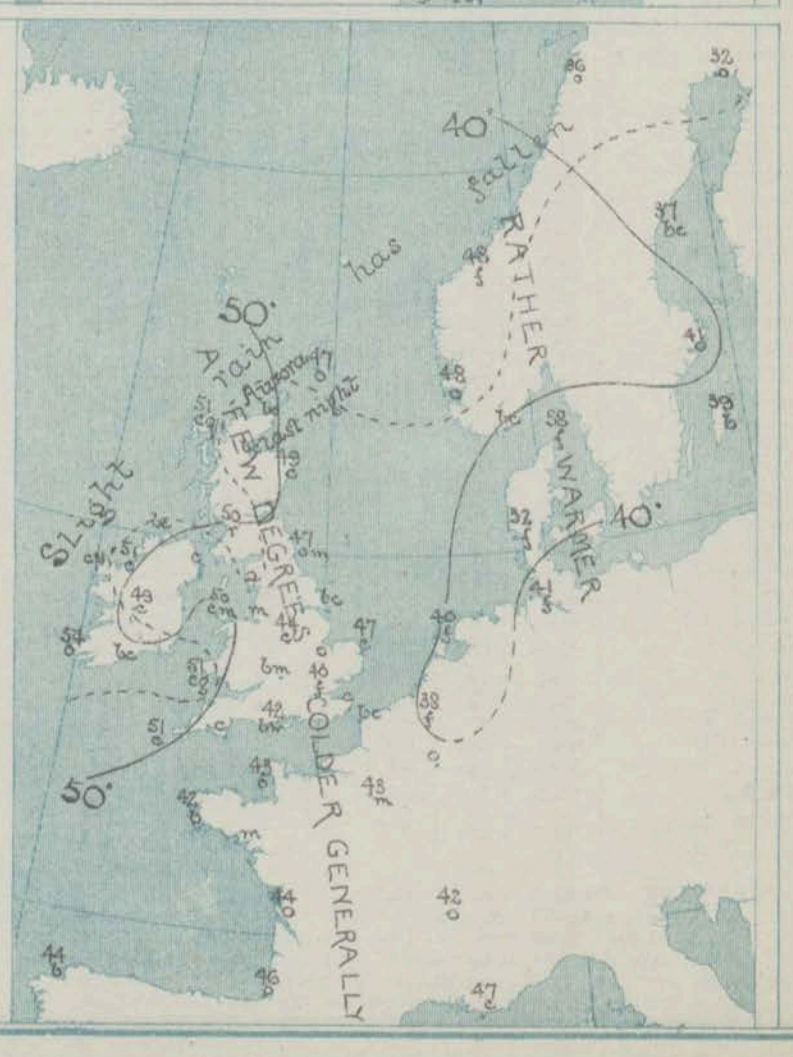
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of **November**

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Sunday 8th November 1885, at 8 a.m.

In the course of the past 24 hours the barometer has risen at all but our extreme western and southern and the French stations, where a slight fall has taken place. The central portion of an anticyclone in which readings exceed 30·5 ins: now lies over Denmark and the Baltic, while a series of depressions is apparently passing along our extreme western coasts. The wind is E. on our southern and the French coasts, but E. elsewhere; in force it is light or moderate generally but in the west and north of Ireland it blows a moderate gale. The weather is fair on the whole, but fog prevails over Denmark and the Netherlands, rain is falling at Ardrossan and showers at Belmullet. Temperature has fallen in most places and readings now range from 52° at Wick and Valencia to 37° at Oxford. The sea is rather rough at Mullaghmore and Scilly, moderate to smooth elsewhere

FORECASTS

for the 24 hours ending at NOON on 9th November *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued	6 SCOTLAND WEST	None issued
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	The south cone was hoisted yesterday in districts 6 to 10.

Fredk Dangerfield, Lith. London, 131.

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesaunes	30·21	[illegible]	[illegible]	[illegible]	8	r	6	Holyhead	30·23	55	51	SSW	3	c	2
Sumburgh Head	29·90	52	51	W	3	o	5	Valencia	30·01	55	53	SSE	6	ou	6
Stornoway	29·94	52	52	SSW	5	d	6	Scilly	30·24	55	52	S	3	c	4
Aberdeen	30·09	53	51	S	4	b	2	Dungeness	30·34	51	48	ENE	2	b	1
Shields	30·20	54	50	2	0	om	0	London	30·34	52	46	SSW	2	om	*
Ardrossan	30·10	50	50	S	3	o	3	Yarmouth	30·34	47	45	2	0	c	2
Malin Head	30·04	53	51	S	3	bc	2	Jersey	30·32	49	46	ESE	1	c	1
Mullaghmore	30·05	55	53	S	5	c	4	Rochefort	29·93	51	48	NE	4	b	2
Belmullet	30·01	52	52	S	4	om	*								

REMARKS.

The barometer is falling quickly at Valencia and slightly at our southern stations, but in the north and east it continues to rise. The wind has backed to SSE at Valencia with a threatening appearance, but elsewhere no important change is shown. The sea is rough at Valencia and also off the north of Scotland, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for — Monday — 9th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			Wind.			Barometer.		Shade Temp.			Wind.				Shade Temp.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda														*			
Hernösand														*			
Stockholm														*			
Wisby														*			
Bodö														*			
Christiansund																	
‡Skudesnaes	30·48	47	SSE.	6	c	30·52	+·14	45	43	− 3	SSE.	6	c	5	48	?	-
Oxö (Xtiansand)	30·52	44	NNW	2	c	30·56	+·08	40	39	− 4	SSE.	2	c	2	46	39	-
Skagen (The Skaw)	30·55	36	SW	1	fg	30·56	+·05	38	37	0	SW	1	c	c	39	34	-
Fanö	30·52	39	SE.	2	bc	30·52	−·01	39	38	+ 1	SE.	4	c	*	46	32	-
Cuxhaven	30·46	41	E.	2	c	30·48	−·03	43	42	+ 2	E.	3	bc	*	45	40	-
‡Sumburgh Head	30·17	48	S	3	c	30·26	+·14	47	45	0	S	4	c	4	50	45	-
‡Stornoway	30·10	50	SSW	6	cdq	30·17	+·15	49	47	− 2	S	5	c	5	51	48	-
Wick	30·18	48	S	4	bc	30·25	+·14	47	45	− 5	S	2	bc	2	58	45	-
Nairn	30·15	50	SW	1	c	30·22	+·14	45	42	− 6	SSW	2	b	1	55	42	-
‡Aberdeen	30·26	49	S	4	c	30·35	+·14	42	40	− 7	SSW	3	b	1	52	40	-
Leith	30·29	51	SW	1	c	30·35	+·12	36	35	− 15	SW	1	f	*	58	34	-
‡Shields	30·34	48	SSE.	2	m	30·37	+·05	46	43	− 1	S	1	dm	2	49	41	-
Spurn Head	30·34	47	SE.	3	c	30·36	−·02	47	44	+ 1	ESE.	3	cq	3	47	45	-
York	30·37	46	SSE.	1	c	30·37	+·01	45	44	0	ESE.	1	f	*	49	44	-
Loughborough	30·33	44	E.	1	c	30·34	−·02	43	42	− 1	ENE.	1	dqm	*	49	42	-
‡Ardrossan	30·24	50	S	3	q	30·32	+·12	46	44	− 4	SSE.	3	c	3	50	41	0·01
Malin Head	30·11	50	S	4	bc	30·18	+·15	46	44	− 4	S	5	bc	2	54	45	-
‡Mullaghmore	30·10	52	SSE.	6	c	30·14	+·13	50	46	− 1	SE.	5	c	5	55	49	-
‡Belmullet	30·05	52	S	5	c	?30·15	+·14	49	47	− 1	S	2	c	*	?52	48	0·03
Donaghadee	30·24	50	SSW	4	bc	30·30	+·10	47	45	− 1	S	5	bc	3	53	43	-
Barrow-in-Furness	30·32	47	SE.	3	c	30·33	+·05	44	42	− 3	ESE.	4	cm	*	49	42	-
Liverpool (Bidston)	30·32	42	SE.	2	b	30·34	+·03	42	41	− 5	SE.	1	f	2	49	40	-
‡Holyhead	30·29	49	SSE.	1	cm	30·33	+·07	41	39	− 9	SSE.	2	cm	2	52	39	-
Parsonstown	30·17	48	SE.	2	b	30·24	+·04	45	42	− 4	SE.	1	bc	*	52	44	-
‡Valencia	30·07	52	SSE.	1	cq	30·17	+·09	51	49	− 1	SE.	5	c	5	53	50	0·05
Roche's Point	30·15	51	SSE.	5	c	30·19	+·05	50	48	0	S	5	c	4	54	48	-
Pembroke	30·26	45	ESE.	4	c	30·28	+·03	47	46	− 4	E.	4	m	3	51	44	-
‡Scilly	30·20	50	SE.	4	c	30·20	−·01	49	47	− 2	NNE.	1	c	5	53	46	-
Prawle Point	30·29	48	ENE.	3	c	30·28	−·01	46	45	− 3	ENE.	3	cm	3	50	44	-
Hurst Castle	30·30	46	ENE.	4	cd	30·28	−·06	45	44	+ 3	NE.	2	m	2	54	41	0·02
‡Dungeness	30·28	47	E.	3	c	30·26	−·05	48	46	+ 1	SSE.	4	c	3	48	41	-
‡London	30·32	45	SSE.	2	cd	30·30	−·06	46	44	+ 6	NE.	1	cqm	*	46	40	-
Oxford	30·34	43	E.	1	c	30·32	−·05	43	43	+ 6	NE.	1	c	*	45	34	-
Cambridge	30·34	45	Calm	c	c	30·32	−·08	44	43	+ 4	NE.	1	c	*	45	38	-
‡Yarmouth	30·33	45	E.	4	c	30·33	−·04	45	43	− 2	ENE.	3	c	4	47	44	-
The Helder	30·38	45	ENE.	3	c	30·36	−·06	42	41	+ 2	E.	3	c	3	45	39	-
Cape Gris Nez	30·26	44	E.	4	m	30·23	−·07	44	43	+ 4	E.	3	c	2	46	?	-
‡Jersey	30·24	47	NE.	3		30·24	−·04	46	45	+ 3	ENE.	2	m	2	48	40	-
Brest	30·23	45	E.	4	m	30·21	−·04	46	44	+ 4	ENE.	3	c	3	54	39	-
Lorient	30·22	47	ENE.	4	m	30·21	−·02	46	44	+ 5	E.	4	m	2	52	36	-
‡Rochefort	30·21	46	NE.	4	m	30·21	−·03	46	45	+ 2	ENE.	4	m	2	48	39	-
Biarritz	30·09	48	NE.	3	c	30·12	−·05	44	42	− 2	ENE.	3	c	1	50	41	-
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·28	−·07	43	42	+ 5	ENE.	1	c	*	47	?	-
Charleville	?30·22	48	NNE.	4	c	?30·21	−·05	49	43	0	?	?	c	*	52	33	-
Paris	30·25	45	NNE.	3	m	30·24	−·06	44	45	+ 4	NNE.	3	c	*	*	*	-
Lyons	30·16	44	NW	1	c	30·18	·00	42	40	0	NNW	1	c	*	46	?	-
Toulon	30·04	53	SW	c	c	30·08	+·11	52	51	+ 5	NW	1	bc	2	61	?	-

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. few.

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WEATHER CHARTS

for 8 a.m. on Monday, 9th November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

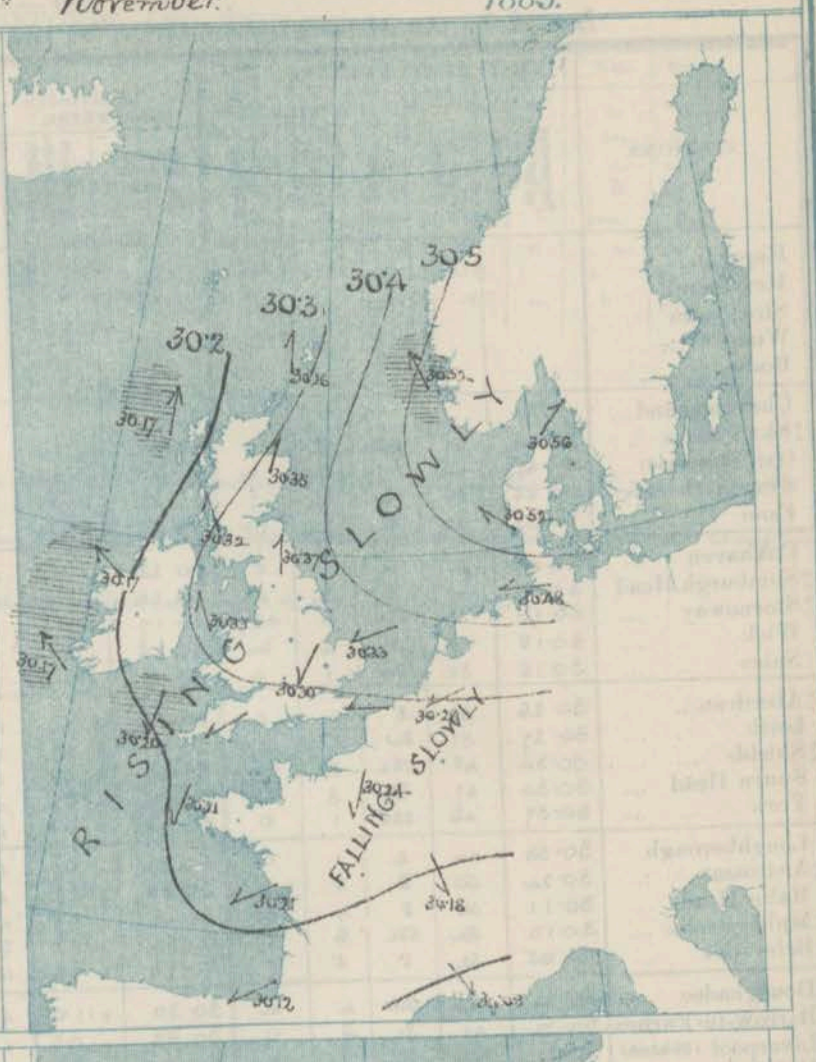
⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — where considerable, is shewn thus
▭ = Rough. ▭ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of **November**
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. in.
Sumburgh Head	29 · 724
Stornoway	29 · 755
Wick	29 · 767
Nairn	29 · 786
Aberdeen	29 · 782
Leith	29 · 820
Shields	29 · 830
York	29 · 847
Ardrossan	29 · 824
Donaghadee	29 · 832
Holyhead	29 · 845
Liverpool	29 · 862
Valencia	29 · 880
Roche's Point	29 · 875
Pembroke	29 · 867
Scilly	29 · 899
Hurst Castle	29 · 885
Dover	29 · 882
LONDON	29 · 885
Oxford	29 · 888
Cambridge	29 · 878
Yarmouth	29 · 855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

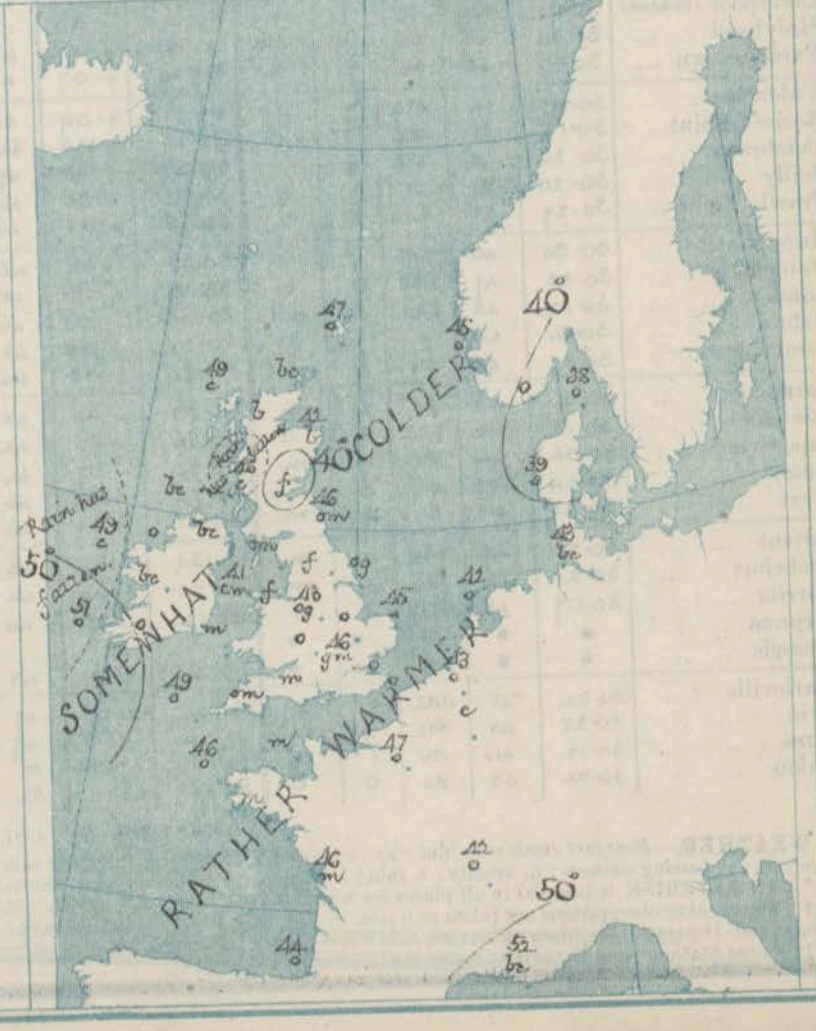
Temperature — Isotherms are drawn for each 10° Changes since previous morning are stated in words.
Weather is shown by Letters of the Beaufort Scale.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of **November**.

STATIONS	TEMPERATURE. Daily Max	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL. (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	59·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Monday 9th November. 1885, at 8 a.m.

The anticyclone whose central portion lay over Denmark and the Baltic yesterday has extended slowly westwards and the barometer has risen at all but our extreme southern and the Irish stations, where a slight fall has taken place. Light or moderate breezes from E. or NE. prevail in France and the south of England, but elsewhere the wind is SE^{ly} or S^{ly} and on our extreme western and north western coasts it blows freshly. The weather is fine at some of the Irish and Scotch stations, but overcast elsewhere, with fog or mist in many places. Temperature has risen a little over France, the Netherlands and the South-East of England, but fallen at all our more western and northern stations; readings now range from 51° at Valencia to 36° at Leith. The sea is rather rough off the west of Ireland as well as at Stornoway and locally, moderate to smooth elsewhere.

There is at present no sign of any important change in the weather.

FORECASTS

for the 24 hours ending at NOON on 10th November. 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S^{ly} Winds, fresh or strong; cloudy, rain locally.	6 SCOTLAND WEST	SE^{ly} and S^{ly} Winds, moderate; fair generally, but local fogs.
1 SCOTLAND EAST	S^{ly} Winds, moderate; fair generally.	7 ENGLAND N.W.	----- D° ----- D° ----- D° ----
2 ENGLAND N.E.	Same as No 5.	8 ENGLAND S.W	Same as No 5
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	SE^{ly} Winds, fresh; fair generally.
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	----- D° ----- D° ----- D° ----
5 ENGLAND SOUTH	E^{ly} Winds, light or moderate; dull, misty or foggy.	WARNINGS	The south cone was hoisted on Saturday afternoon in districts 6 to 10 but the signals were lowered last evening in districts 7 and 8, and this morning in districts 6, 9 and 10.

Fredk Dangerfield, Lith. London, (151)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.48	48	46	SSE	6	0	5	Hurlhead							
Sumburgh Head								Valencia							
Stornoway								Scilly							
Aberdeen								Dungeness							
Shields								London							*
Ardrossan								Yarmouth							
Malin Head								Jersey							
Mullaghmore								Rochefort	30.22	46	45	NE	4	0	2
Belmullet							*								

REMARKS.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD

FROM THE 1ST TO THE 7TH NOVEMBER 1885.

In the course of this week the weather has been in a changeable unsettled condition generally. The distribution of pressure has been mainly cyclonic; and gradients were somewhat steep; they were southwesterly until after the middle of the week, when they became northwesterly, but subsequently drew back slowly, so that at the close of the week they were southerly and slight.

Three depressions passed near to, or over, our area during the week —

The first was of moderate depth; it reached our northern coasts early on the 1st and moved thence in a northeasterly direction during the succeeding twenty-four hours.

The second was larger; it reached our extreme northwestern coasts on the 3rd and as it moved northeastwards, some shallow subsidiary systems were developed, over the more southern parts of the Kingdom. In the rear of these subsidiaries the barometer rose rapidly, and for a time moderate and rather steep gradients for NW^ly winds prevailed except in the north of Scotland, and an ill-defined anticyclone advanced eastwards over France and our southern counties.

The third was small and passed northeastwards outside our extreme northwestern coasts on the 6th affecting the winds and weather at our northwestern and northern stations only.

Thus the weather was changeable, showery and unsettled, especially in the west and north, but was not cold except during the earlier hours of the 6th. The barometer then became highest at the French, German and Baltic stations, and lowest in the west, the gradients being slight, and the weather improved somewhat in the far west.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Tuesday 10th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda														*			
Hernösand ...														*			
Stockholm ...														*			
Wisby														*			
Bodö	30·24	45	bSW	8	n	30·23	+·06	44	43	− 2	SW	4	n	2	46	?	0·44
Christiansund...	30·44	42	SSW	1	c	30·45	+·03	41	38	− 2	SSW	3	b	4	45	36	–
‡Skudesnaes ..																	
Oxö (Xtiansand).	30·54	41	n	1	0	30·57	+·01	41	39	+ 1	ESE	1	0	1	43	39	–
Skagen (The Skaw)	30 56	41	Z	0	0	30·56	·00	39	38	+ 1	E	1	0	0	41	34	–
Fanö	30·48	38	SE	4	0	30·49	−·03	37	36	− 2	ESE	4	0	*	41	34	–
Cuxhaven ..	30·46	38	E	3	c	30·48	·00	35	35	− 8	ESE	3	c	*	?	34	–
‡Sumburgh Head	30·31	46	S	3	c	30·35	+·09	46	44	− 1	S	3	b	3	48	41	–
‡Stornoway ...	30·24	47	SSW	4	r	30·28	+·11	47	46	− 2	S	4	cmw	4	50	43	0·06
Wick	30·29	46	S	4	b	30·38	+·13	42	40	− 5	S	1	b	0	49	35	–
Nairn	30·28	40	SSW	1	b	30·34	+·12	35	34	− 10	Z	0	bw	1	51	34	–
‡Aberdeen... ...	30·36	43	SSW	2	0	30·39	+·04	43	41	+ 1	SW	1	0	1	47	41	–
Leith ...	30·35	44	SSE	1	0	30·37	+·02	42	41	+ 6	S	1	cmw	*	45	35	–
‡Shields	30·36	46	SW	2	0	30·37	·00	46	44	0	SW	1	cmd	2	46	43	–
Spurn Head ...	30·33	45	E	3	0	30·32	−·02	45	45	− 2	E	3	cd	3	47	44	–
York	30·36	45	ESE	1	0	30·37	·00	44	44	− 1	ENE	1	mw	*	46	42	0·02
Loughborough	30·34	43	ENE	2	0	30·34	·00	43	43	0	ENE	2	cgd	*	45	42	0·01
‡Ardrossan ...	30·34	44	E	1	cm	30·36	+·04	43	41	− 3	ENE	2	cmw	1	47	33	–
Malin Head ...	30·29	44	SSE	4	bc	30·31	+·13	44	42	− 2	SSE	3	cf	2	52	43	–
‡Mullaghmore ...	30·22	49	SE	4	cm	30·25	+·08	47	44	− 3	SE	5	cmw	3	51	47	–
‡Belmullet ...	30·20	50	SSE	4	0	30·21	+·06	47	45	− 2	SE	4	0	*	50	43	–
Donaghadee ...	30·33	46	S	3	0	30·33	+·03	46	44	− 1	S	3	c	1	48	44	–
Barrow-in-Furness	30·32	45	E	3	0	30·34	+·01	43	41	− 1	ESE	4	cmw	*	44	42	–
Liverpool (Bidston)	30·34	44	ESE	1	0	30·35	+·01	42	41	0	ESE	1	f	1	45	41	–
‡Holyhead ...	30·32	45	ESE	2	cm	30·33	·00	43	42	+ 2	E	1	cmw	1	46	41	–
Parsonstown ...	30·25	47	Z	0	0	30·24	+·03	45	43	0	SE	1	cmw	*	52	44	–
‡Valencia	30·18	50	SE	4	cq	30·18	+·01	51	48	0	SE	4	cqw	5	53	48	–
Roche's Point ..	30·22	50	SSE	4	c	30·21	+·02	50	46	0	SE	4	mw	4	53	48	0·01
Pembroke ...	30·28	46	E	5	m	30·24	−·01	46	43	− 2	E	3	cq	2	47	44	–
‡Scilly	30·20	51	ESE	5	c	30·18	−·02	49	48	0	S	1	c	4	52	48	0·01
Prawle Point ...	30·26	46	ENE	2	c	30·26	−·02	44	44	− 2	ENE	2	cqmw	3	48	43	0·02
Hurst Castle ...	30·28	46	ENE	1	f	30·29	−·01	46	46	0	ENE	4	mw	2	47	44	–
‡Dungeness ...	30·25	47	ESE	3	c	30·29	+·01	47	46	− 1	E	3	c	1	48	46	–
‡London	30·29	45	E	1	cd	30·31	+·01	45	44	− 1	Z	0	cdf	*	47	44	0·044
Oxford	30·32	43	NE	2	n	30·32	·00	43	43	0	NE	1	c	*	45	43	0·02
Cambridge ...	30·34	43	NE	1	c	30·33	+·01	44	44	0	NE	1	n	*	45	42	0·03
‡Yarmouth ...	30·30	45	E	3	c	30·32	−·01	45	44	0	ENE	3	cqd	4	46	43	0·02
The Helder ...	30·35	41	E	3	c	30·37	+·01	38	38	− 4	E	1	f	2	45	39	–
Cape Gris Nez...	30·23	43	E	1	mw	30·24	+·01	45	44	+ 1	E	1	mw	1	46	41	–
‡Jersey	30·23	45	NE	1	c	30·23	−·01	47	46	+ 1	ENE	1	mw	1	49	44	–
Brest	30·22	45	SE	3	c	30·21	·00	46	44	0	SE	3	c	4	54	39	–
Lorient	30·23	45	ENE	5	m	30·22	+·01	46	43	0	E	3	mw	2	52	41	–
‡Rochefort ...	30·23	48	ENE	3	c	30·25	+·04	46	44	0	E	3	c	1	50	41	–
Biarritz																	
Coruna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·31	+·03	41	40	− 2	ENE	1	f	*	49	41	–
Charleville ...	30·36	49	SSW	1	c	30·23	+·02	47	45	0	SW	1	c	*	52	40	–
Paris	30·22	48	NE	3	c	30·28	+·04	47	46	0	NNE	1	m	*	*	*	–
Lyons	30·21	44	N	3	b	30·24	+·06	42	40	0	N	1	mw	*	46	42	–
Toulon	30·08	51	NW	1	c	30·13	+·05	52	48	0	NW	1	bc	1	61	50	–

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Truth Printing and Publishing Co. London

WEATHER CHARTS

for 8 a.m. on Tuesday. 10th November. 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

⊙ = dead calm.

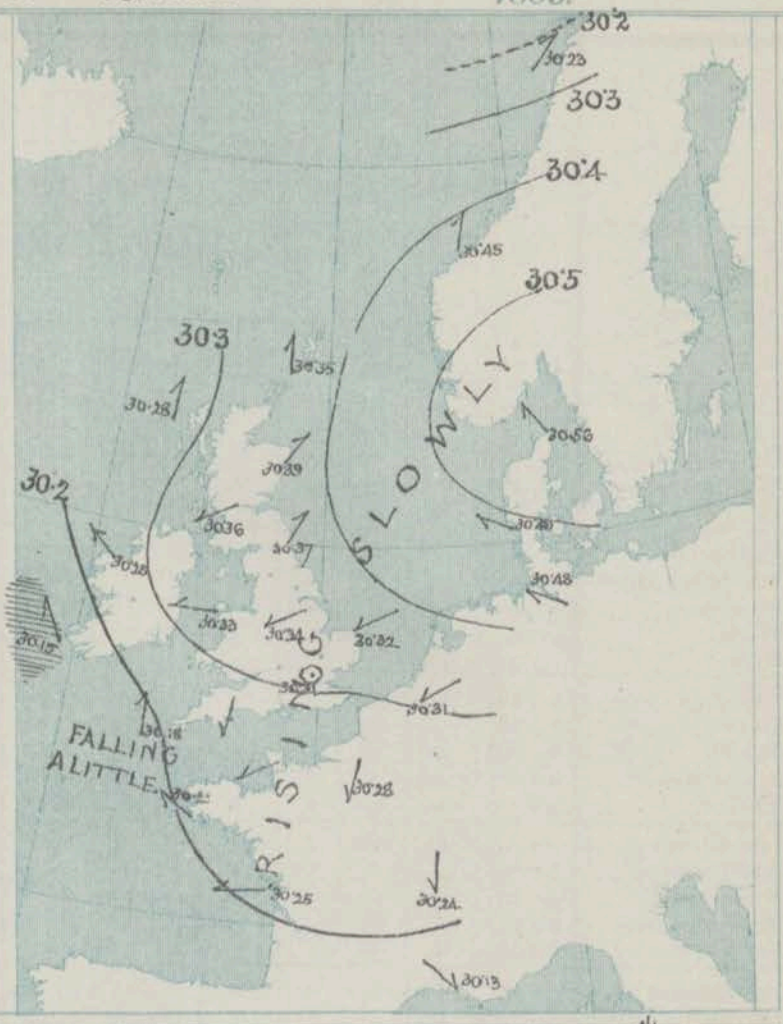
Sea Disturbance — where considerable, is shown thus

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	Ins.
Sumburgh Head	29 · 724
Stornoway	29 · 755
Wick	29 · 767
Nairn	29 · 786
Aberdeen	29 · 782
Leith	29 · 820
Shields	29 · 830
York	29 · 847
Ardrossan	29 · 824
Donaghadee	29 · 832
Holyhead	29 · 845
Liverpool	29 · 862
Valencia	29 · 880
Roche's Point	29 · 875
Pembroke	29 · 867
Scilly	29 · 899
Hurst Castle	29 · 885
Dover	29 · 882
LONDON	29 · 885
Oxford	29 · 888
Cambridge	29 · 878
Yarmouth	29 · 855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS

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

Weather is shown by Letters of the Beaufort Scale.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of November

STATIONS	TEMPERATURE. Daily Max	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·8	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Tuesday 10th November 1885. at 8 a.m.

Since yesterday morning no important change has occurred in the weather. The distribution of pressure over Western Europe remains anticyclonic, the highest pressures are still found over Denmark and the south of Scandinavia and the barometer continues to rise slowly on all but our south-west coasts. Light E.ly breezes prevail over England, France and the Netherlands, and moderate SE.ly breezes in Ireland, while in Scotland the wind draws into S. The weather is fine at one or two of our northern stations, but dull and misty elsewhere, with drizzling rain over the midland and eastern counties. Temperature has fallen in Scotland, but elsewhere the changes have been slight and irregular; readings now range from 51° at Valencia to 35° at Nairn. The sea is rather rough at Valencia, moderate to smooth on all other parts of our coasts.

There is at present no sign of any important change.

FORECASTS

for the 24 hours ending at NOON on 11th November 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S.ly Winds, moderate; fair generally.	6 SCOTLAND WEST	E.ly and SE.ly Winds, light; dull, misty.
1 SCOTLAND EAST	Light airs, chiefly S.ly; dull, misty.	7 ENGLAND N.W.	------ Do. ------ Do. ------ Do. ------
2 ENGLAND N.E.	----- Do. ------ Do. ------ Do. ------	8 ENGLAND S.W	E.ly and SE.ly Winds, moderate; dull, misty, some rain.
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	SE.ly Winds, fresh; dull, some mist and rain.
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	------ Do. ------ Do. ------ Do. ------
5 ENGLAND SOUTH	E.ly Winds, light; dull, foggy, slight rain locally.	WARNINGS	None issued

Fredk Dangerfield, Lith., London, (131.)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·52	45	43	SSE	6	o	5
Sumburgh Head	30·29	46	44	S	4	c	4
Stornoway	30·21	47	47	SSW	6	d	5
Aberdeen	30·36	46	43	SSW	4	c	2
Shields	30·35	46	45	SW	1	o m	2
Ardrossan	30·33	46	44	ESE	3	o	3
Malin Head	30·21	47	44	S	4	c	2
Mullaghmore	30·19	51	47	SSE	5	c m	4
Belmullet	30·17	50	48	S	4	o q	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	30·32	44	43	ESE	2	o m	2
Valencia	30·17	53	48	SE	5	o q	5
Scilly	30·21	52	49	SE	2	o	4
Dungeness	30·25	47	46	ESE	3	c q	2
London	30·29	47	45	E	1	o	*
Yarmouth	30·30	45	43	ENE	3	c	3
Jersey	30·23	47	45	ESE	1	o	1
Rochefort	30·22	49	49	ENE	4	m	2

REMARKS.

Very little change has occurred since the morning, the barometer has risen slightly in the west and north, but fallen elsewhere. No alteration is shown in the winds or weather. The sea is rough in the extreme west and north west, moderate to smooth elsewhere.

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DAILY WEATHER REPORT

for Wednesday 11th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sts. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	30·26	32	↗	0	f	30·16	— ·12	30	30	0	↗	0	f	*	36	28	0·04
Hernösand	30·45	35	↗	0	b	30·39	— ·09	36	34	+ 3	↗	0	b	*	46	30	—
Stockholm	30·49	33	WNW	2	b	30·44	— ·05	32	32	— 3	W	2	f	*	41	32	—
Wisby	30·55	40	NNE	6	o	30·46	— ·03	39	37	— 1	WNW	4	bc	*	43	36	—
Bodö	30·21	45	WSW	6	o	30·19	— ·04	44	43	0	WSW	4	r	2	45	43	0·47
Christiansund	30·45	41	NW	2	b	30·39	— ·06	44	40	+ 3	SSW	3	c	5	45	37	—
‡Skudesnaes	30·53	42	ESE	4	o	30·49	— ·04	37	36	— 5	ENE	2	bc	3	46	?	—
Oxö (Xtiansand)	30·56	40	ENE	2	o	30·52	— ·05	35	35	— 4	NNW	2	b	1	41	34	—
Skagen (The Skaw)	30·57	38	SSE	1	bc	30·51	— ·05	39	38	0	SSE	1	o	0	39	36	—
Fanö	30·50	38	ESE	4	b	30·48	— ·01	35	35	— 2	NNE	3	b	*	45	34	—
Cuxhaven	30·47	41	ESE	3	c	30·49	+ ·01	36	35	+ 1	ESE	3	b	*	41	39	—
‡Sumburgh Head	30·37	44	S	3	o	30·35	·00	44	44	— 2	S	2	r	2	47	42	0·02
‡Stornoway	30·31	46	S	4	cm	30·28	·00	45	45	— 2	SSW	3	m	2	47	43	—
Wick	30·33	42	S	1	b	30·30	— ·05	42	40	0	S	1	bc	0	45	31	—
Nairn	30·35	34	↗	0	b	30·31	— ·03	35	34	0	↗	0	c	1	46	27	—
‡Aberdeen	30·39	44	S	1	o	30·36	— ·03	44	43	+ 1	S	1	cm	1	46	42	0·04
Leith	30·36	43	SE	1	o	30·32	— ·05	43	42	+ 1	S	1	cm	*	45	41	—
‡Shields	30·36	45	↗	0	mb	30·34	— ·03	45	43	— 1	E	1	crm	2	46	42	0·03
Spurn Head	30·32	46	ESE	3	o	30·30	— ·02	43	41	— 2	ESE	3	c	3	46	42	0·01
York	30·36	44	E	1	m	30·34	— ·03	42	41	— 2	E	1	m	*	45	41	0·05
Loughborough	30·34	44	ENE	1	o	30·32	— ·02	42	41	— 1	ENE	1	cg	*	45	42	—
‡Ardrossan	30·35	44	ENE	1	cm	30·31	— ·04	43	42	0	E	2	cm	1	44	42	—
Malin Head	30·28	43	SSE	3	c	30·25	— ·03	44	43	0	SSE	3	cm	2	50	42	—
‡Mullaghmore	30·25	46	SE	4	cm	30·23	— ·02	46	44	— 1	ESE	4	cm	3	47	45	—
‡Belmullet	30·22	46	ESE	5	o	30·21	·00	46	44	— 1	ESE	4	c	2	45	45	—
Donaghadee	30·33	47	SE	3	o	30·29	— ·04	48	45	+ 2	SE	3	cg	1	48	44	—
Barrow-in-Furness	30·32	45	E	2	o	30·31	— ·03	44	?	+ 1	ENE	3	cm	*	45	42	—
Liverpool (Bidston)	30·32	45	E	1	m	30·31	— ·04	44	42	+ 2	ESE	2	f	2	46	42	—
‡Holyhead	30·31	45	ENE	1	o	30·28	— ·05	46	44	+ 3	E	1	cm	1	46	? 43	—
Parsonstown	30·26	45	SE	1	o	30·19	— ·08	46	44	+ 1	↗	0	o	*	46	44	—
‡Valencia	30·17	50	ESE	2	cg	30·16	— ·02	49	47	— 2	ESE	1	cg	2	51	47	0·02
Roche's Point	30·21	49	NE	4	m	30·17	— ·04	50	49	0	SSE	5	d	4	52	47	0·08
Pembroke	30·26	47	E	3	o	30·23	— ·04	48	46	+ 3	E	3	m	2	48	43	—
‡Scilly	30·18	49	↗	0	o	30·14	— ·04	50	48	+ 1	ESE	4	o	4	50	47	0·01
Prawle Point	30·24	47	E	2	r	30·20	— ·04	49	46	+ 5	ESE	3	cm	3	49	43	0·11
Hurst Castle	30·27	47	E	2	fd	30·24	— ·03	46	45	+ 1	ENE	3	o	2	51	44	0·02
‡Dungeness	30·27	48	E	3	o	30·23	— ·04	46	45	— 1	ESE	2	o	2	49	45	—
‡London	30·32	47	ENE	2	cm	30·29	— ·02	42	42	— 3	E	1	fd	*	49	42	0·08
Oxford	30·31	45	NE	1	o	30·30	— ·02	42	42	— 1	NE	1	gdf	*	46	42	0·01
Cambridge	30·30	45	↗	0	o	30·28	— ·03	41	40	— 3	N	1	r	*	46	39	—
‡Yarmouth	30·32	45	NE	4	c	30·30	— ·02	44	43	— 1	ESE	3	cg	3	47	42	0·01
The Helder	30·35	39	E	1	b	30·34	— ·03	37	37	— 1	ESE	1	f	1	41	36	—
Cape Gris Nez																	
‡Jersey	30·22	47	ENE	3	cm	30·19	— ·04	45	44	— 2	E	4	cm	4	48	44	—
Brest	30·20	46	ESE	3	o	30·15	— ·06	46	43	0	SE	5	o	?	54	39	—
Lorient	30·21	46	ENE	4	o	30·16	— ·06	43	41	— 3	E	4	o	2	50	39	—
‡Rochefort	30·22	46	ENE	4	o	30·17	— ·08	40	40	— 6	E	5	f	2	?	34	—
Biarritz	30·06	50	ENE	5	b	30·06	— ·09	41	39	+ 4	SE	3	b	0	54	36	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·20	— ·01	39	38	— 2	ENE	1	f	*	43	37	—
Charleville	? 30·27	46	W	1	c	30·28	+ ·05	44	40	— 3	ESE	1	o	*	?	42	—
Paris	30·27	48	NNE	1	o	30·26	— ·02	47	45	0	NNE	1	bc	*	*	*	—
Lyons	30·26	41	N	1	m	30·26	+ ·02	37	37	— 5	SSW	1	b	*	42	36	—
Toulon	30·17	55	E	3	c	30·20	+ ·07	53	48	+ 1	NE	1	c	2	64	51	—

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred^k Dangerfield Ltd. London

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 11th November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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 —*

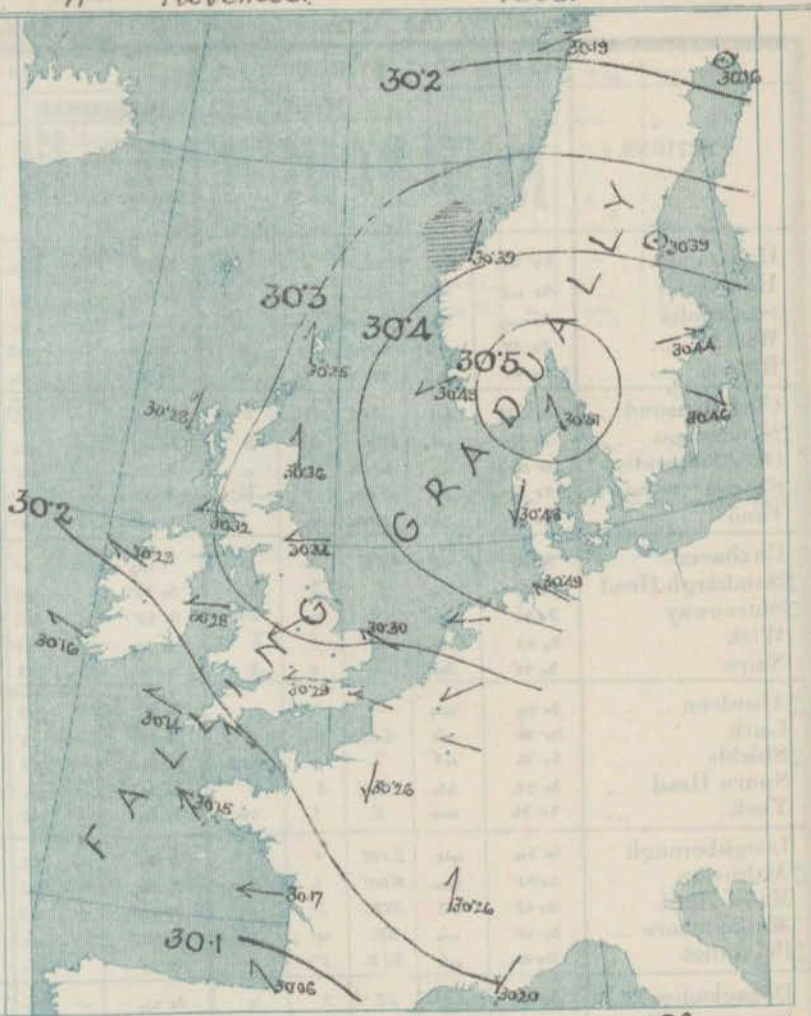
⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable, is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of **November**
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. Ins.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M.,

with RAINFALL *in* PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of **November**

STATIONS	TEMPERATURE: Daily Max	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·2	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Wednesday 11th November 1885. at 8 a.m.

The distribution of pressure over Western Europe remains anticyclonic, the highest readings being still found in the neighbourhood of the Skager Rack. The barometer is, however, falling generally, but the change is at present very gradual. The wind is E.ly over England and France, but SE.ly in Ireland, S.ly in Scotland and SW.ly in the west of Norway; in force it is light or moderate in most places, but at some of the southwestern stations it blows freshly. The weather is fine on the eastern shores of the North Sea and also in the east of France, but dull and misty elsewhere, with slight rain at some of the eastern stations. Temperature has risen slightly in the west and south, but fallen in the east, and readings now range from 50° at Lerwick to 35° at Nairn. The sea is moderate in the southwest, slight or smooth elsewhere.

The changes in pressure are at present too slight to bring about any decided alteration in the weather, but some improvement is possible over the southeast of England.

FORECASTS

for the 24 hours ending at NOON on 12th November *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S.ly winds, light or moderate; fair generally, but mist and rain locally.	6 SCOTLAND WEST	E.ly or SE.ly winds, light; dull, misty.
1 SCOTLAND EAST	------ Do ------ Do ------	7 ENGLAND N.W.	------ Do ------ Do ------
2 ENGLAND N.E.	SE.ly winds, light; dull, some mist and rain.	8 ENGLAND S.W	E.ly to SE.ly winds, moderate; dull, some mist and rain.
3 ENGLAND EAST	------ Do ------ Do ------	9 IRELAND NORTH	SE.ly winds, moderate or fresh; dull, misty.
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	------ Do ------ Do ------
5 ENGLAND SOUTH	E.ly winds, light or moderate; dull and misty at first, some improvement later.	WARNINGS	None issued.

Fredk Dangerfield, Lith. London, (131)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·33	42	39	SE	4	o	4
Sumburgh Head	30·36	45	44	S	3	o	3
Stornoway	30·31	46	45	SSW	4	om	4
Aberdeen	30·39	46	44	S	1	o	1
Shields	30·37	45	44	E	1	md	2
Ardrossan	30·35	44	43	E	1	o	1
Malin Head	30·29	45	43	SSE	3	o	2
Mullaghmore	30·26	47	44	SE	4	om	3
Belmullet	30·21	48	45	SSE	4	og	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	30·32	44	42	ENE	1	om	1
Valencia	30·18	50	47	ESE	4	og	4
Scilly	30·18	50	48	ESE	1	o	4
Dungeness	30·27	49	48	E	4	o	2
London	30·30	49	47	E	1	omd	*
Yarmouth	30·32	46	45	ENE	2	e	4
Jersey	30·32	47	47	E	2	m	2
Rochefort	30·23	49	46	E	4	o	2

REMARKS.

No change has occurred since the morning. Light E^{ly} breezes continue over England, moderate SE^{ly} winds in Ireland, and S^{ly} breezes in Scotland, with dull misty weather at nearly all stations. The sea is moderate to smooth.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Thursday 12th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	30·08	30	W	0	f	29·65	−·51	37	36	+1	W	4	·0	•	?	28	0·04
Hernösand	30·32	36	W	0	b	30·11	−·28	53	32	−3	W	0	b	•	46	30	–
Stockholm	30·39	30	NW	2	0	30·23	−·21	38	32	+1	W	4	0	•	36	28	–
Wisby	30·44	39	NNE	4	0	30·31	−·15	37	36	−2	W	4	0	•	41	36	–
Bodö	29·97	43	SW	8	r	29·75	−·44	38	37	−6	NW	4	r	2	?	37	0·95
Christiansund	30·28	42	SW	3	bc	30·10	−·29	45	42	+1	WSW	6	b	6	46	37	–
‡Skudesnaes	30·40	42	SE	4	b	30·25	−·24	46	45	+9	SSE	6	0	3	48	37	–
Oxö (Xtiansand)	30·45	36	NNW	1	b	30·30	−·22	34	32	−1	NNW	4	b	1	45	35	–
Skagen (The Skaw)	30·44	40	SW	2	b	30·32	−·19	39	39	0	SSW	1	f	0	?	32	–
Fanö	30·41	39	SE	4	b	30·33	−·15	32	32	−3	S	4	f	•	45	32	–
Cuxhaven	30·49	41	ESE	4	f	30·36	−·13	34	34	−2	SE	2	f	•	41	33	–
‡Sumburgh Head	30·29	44	ESW	2	0	30·14	−·21	43	42	−1	SW	1	0	1	45	41	0·01
‡Stornoway	30·36	45	SSW	2	m	30·12	−·16	45	44	0	W	1	m	0	46	43	–
Wick	30·30	41	S	1	0	30·16	−·17	43	41	+1	S	1	0	0	43	40	–
Nairn	30·29	39	W	0	0	30·13	−·18	40	39	+5	W	0	0m	1	40	35	–
‡Aberdeen	30·31	44	S	1	0	30·22	−·14	40	38	−4	WSW	1	0	0	46	39	–
Leith	30·30	43	S	1	0	?30·20	−·12	42	40	−1	SSE	1	em	•	43	40	–
‡Shields	30·31	44	W	0	0	30·24	−·10	41	40	−4	NW	1	0m	1	45	40	–
Spurn Head	30·29	44	W	0	0	30·23	−·07	45	43	+2	SSE	3	0q	3	45	42	–
York	30·31	45	E	1	0	30·26	−·08	41	40	−1	N	1	0	•	45	40	–
Loughborough	30·30	42	NE	2	0	30·25	−·07	41	41	−1	ENE	1	0qm	•	43	40	0·01
‡Ardrossan	30·29	44	ENE	1	cm	30·22	−·10	42	41	−1	ENE	1	0m	1	44	41	–
Malin Head	–	–	–	–	–	30·14	−·11	44	43	0	SSE	3	0	2	46	43	–
‡Mullaghmore	30·23	48	SE	2	0m	30·16	−·07	48	44	+2	SSE	4	0m	2	48	45	–
‡Belmullet	30·20	47	SE	4	0	30·14	−·07	46	45	0	E	3	0	e	47	45	–
Donaghadee	30·29	47	S	3	h	30·28	−·06	44	42	−4	SSW	2	bc	0	48	43	0·01
Barrow-in-Furness	30·29	43	NE	2	0	30·24	−·07	41	39	−3	E	3	0m	•	45	40	–
Liverpool (Bidston)	30·29	42	ESE	1	m	30·24	−·07	42	40	−2	SE	1	f	1	45	41	–
‡Holyhead	30·28	45	E	2	0m	30·22	−·06	44	42	−2	SSW	1	0m	1	47	42	–
Parsonstown	30·34	48	SE	1	0	30·20	+·01	45	44	−1	SE	1	0	•	48	45	–
‡Valencia	30·15	50	E	1	0mq	30·13	−·03	50	48	+1	SE	3	0qm	4	51	47	0·01
Roche's Point	30·18	51	SE	4	0	30·15	−·02	50	48	0	SE	5	0	4	52	48	0·01
Pembroke	30·25	47	E	3	0	30·18	−·05	44	42	−4	E	2	mq	1	49	44	–
‡Scilly	30·12	50	E	5	0	30·11	−·03	51	48	+1	ESE	5	0	4	51	48	–
Prawle Point	30·20	48	E	3	0	30·18	−·02	48	45	−1	E	2	0q	3	50	46	–
Hurst Castle	30·25	45	ENE	2	0m	30·21	−·03	43	43	−9	ENE	2	md	2	47	42	0·02
‡Dungeness	30·23	46	ESE	1	0	30·21	−·02	44	43	−2	S	1	0	1	47	43	–
‡London	30·27	45	E	1	0q	30·23	−·06	43	41	+1	E	1	0qd	•	46	42	0·02
Oxford	30·28	42	NNW	1	0	30·24	−·06	42	41	0	NE	1	0q	•	43	42	–
Cambridge	30·28	44	N	1	0	30·23	−·07	42	41	+1	W	0	d	•	45	39	–
‡Yarmouth	30·27	44	E	2	0	30·23	−·07	44	43	0	W	0	0f	3	46	42	–
The Helder	30·30	39	E	1	0	30·26	−·08	35	35	−2	W	0	f	1	41	34	–
Cape Gris Nez	30·22	48	E	1	m	30·19		44	41		SSE	1	m	1	46	39	–
‡Jersey	30·18	46	E	4	0m	30·14	−·02	42	42	−3	ENE	2	0m	2	48	41	–
Brest	30·13	48	E	3	b	30·10	−·05	36	35	−10	NE	3	bc	3	46	36	–
Lorient	30·14	43	ESE	5	b	30·13	−·03	43	42	0	E	5	m	2	48	39	–
‡Rochefort	30·10	49	E	5	b	30·14	+·03	45	43	+5	ESE	5	b	2	57	36	–
Biarritz																	
Coruna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·26	−·04	41	40	+2	ENE	1	0	•	44	34	–
Charleville	?30·26	48	ENE	1	0	?30·23	−·05	41	39	−3	ENE	1	0	•	52	33	–
Paris	30·24	46	NNE	4	0	30·26	·00	43	41	−4	NE	3	0	•	*	*	–
Lyons														*			
Toulon	30·19	54	SW	5	c	30·23	+·03	61	44	−2	E	5	bc	3	59	45	–

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

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WEATHER CHARTS

for 8 a.m. on Thursday, 12th November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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.

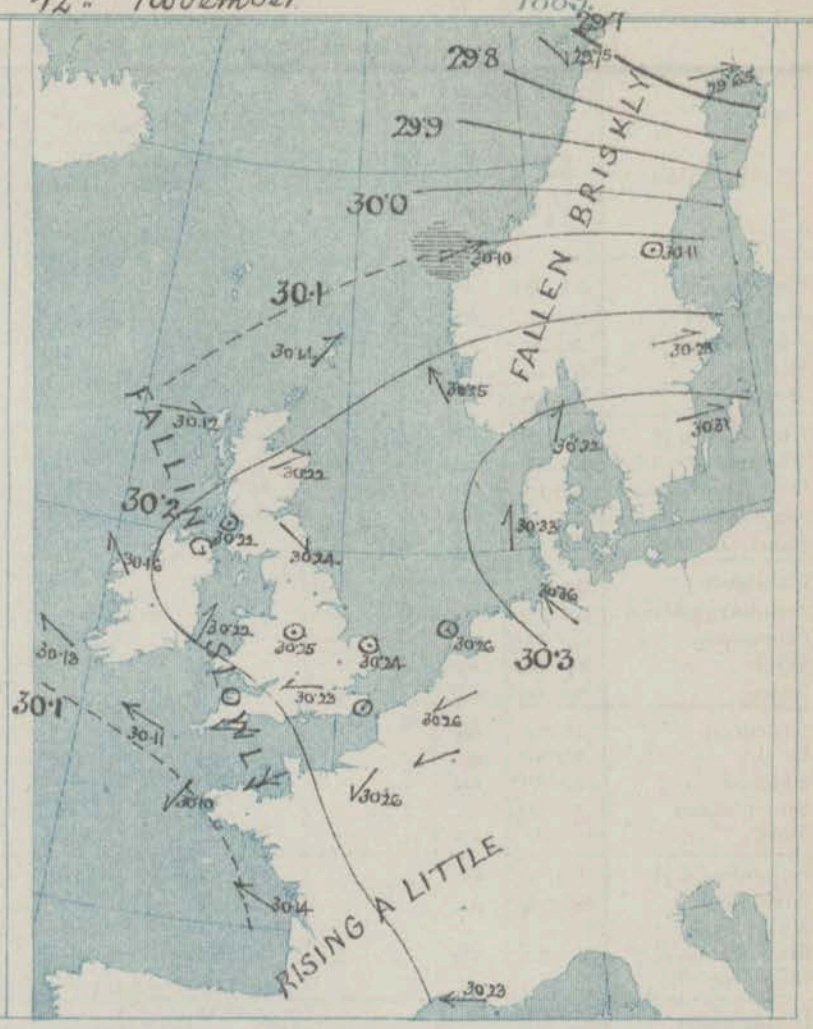
Sea Disturbance — *where considerable, is shewn thus*

▒ = Rough, ▒ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of ***November***
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. Bar.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

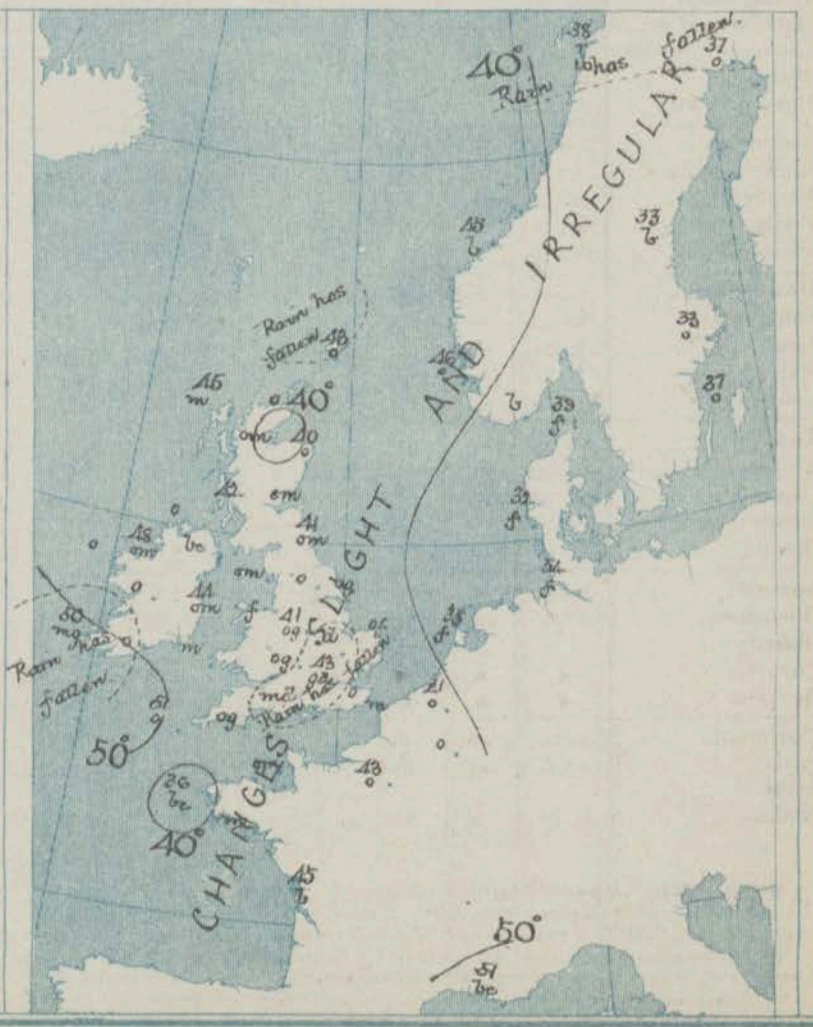
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of ***November***

STATIONS	TEMPERATURE. Daily Max	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Thursday 12th Nov.r 1885, at 8 a.m.

The general distribution of pressure remains practically unchanged, but a break full of the barometer is in progress over the north of Scandinavia, and a less decided fall over our Islands. In France, however, the mercury is inclined to rise. Light or moderate E.ly breezes continue over England and France, SE.ly breezes in Ireland, and S.ly or SW.ly airs in Scotland, but over Sweden and the north of Norway the wind is moderate or fresh from the W.ward. The weather is fine at some of the Scandinavian and the French stations, but dull and misty in all parts of our Islands with drizzling rain in the south east of England. Temperature has not changed much, and readings now range from 51° at Scilly to 40° at Nairn and Aberdeen. The sea is moderate on our south-west coasts, slight or smooth elsewhere.

A gradual change in the distribution of pressure has apparently commenced, but the weather over our Islands is not likely to be materially influenced at present.

FORECASTS

for the 24 hours ending at NOON on 13th November 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW.ly and S.ly winds, moderate; dull, misty, perhaps some rain.	6 SCOTLAND WEST	E.ly and SE.ly winds, light or moderate dull, some mist or fog.
1 SCOTLAND EAST	----- D° ----- D° ----- D° -----	7 ENGLAND N.W.	----- D° ----- D° ----- D° -----
2 ENGLAND N.E.	Variable or SE.ly airs; dull, misty, slight rain locally.	8 ENGLAND S.W	----- D° ----- D° ----- D° -----
3 ENGLAND EAST	----- D° ----- D° ----- D° -----	9 IRELAND NORTH	SE.ly to S.ly Winds, moderate; dull, misty.
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	----- D° ----- D° ----- D° -----
5 ENGLAND SOUTH	E.ly winds, light; dull, misty, slight rain locally.	WARNINGS	NONE ISSUED.

Fredk Dangerfield, Lith. London, (13).

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea
Skudesnaes	30·44	47	44	NNE	2	b	3
Sumburgh Head	30·31	45	43	SSW	2	o	2
Stornoway	30·28	46	45	SSW	3	m	3
Aberdeen	30·32	46	44	S	1	o	1
Shields	30·31	45	42	E	1	o m	2
Ardrossan	30·31	44	43	NE	1	o	1
Malin Head	–	–	–	–	–	–	–
Mullaghmore	30·24	48	45	SE	1	o m	2
Belmullet	30·20	47	45	SE	4	o q	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	30·28	46	46	E	2	o m	1
Valencia	30·15	50	48	E.SE	2	o	2
Scilly	30·13	51	48	E.SE	5	o	4
Dungeness	30·23	47	46	E	1	o	1
London	30·24	46	45	E	1	o q f d	*
Yarmouth	30·29	46	44	NE	2	o q	3
Jersey	30·18	47	46	E.SE	3	e	4
Rochefort	30·16	52	50	E	5	b c	2

REMARKS.

The barometer continues to fall generally, but the winds remain unchanged and dull, misty weather is still reported from most stations. The sea is moderate to smooth.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Friday 13th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	29.71	30	NW	2	b	29.64	-.01	18	18	-19	Z	0	b	•	34	10	-
Hernösand	29.83	40	SSW	2	bc	29.71	-.40	36	35	+3	Z	0	0	•	46	36	-
Stockholm	30.04	36	SW	2	b	29.85	-.38	37	36	+4	W	2	0	•	41	28	-
Wisby	30.14	41	SW	4	bc	29.96	-.35	40	39	+3	WSW	6	0	•	43	36	-
Bodö	29.83	34	NW	2	b	29.67	-.08	30	29	-8	Z	0	bc	0	?	28	-
Christiansund	29.95	44	WSW	4	h	29.65	-.55	42	40	-3	ESE	1	0	5	45	39	0.08
‡Skudesnaes	30.04	46	SE	6	0	?29.67	-.58	44	42	-2	S	8	h	4	48	?	-
Oxö (Xtiansund)	30.09	42	WSW	4	0	29.80	-.50	43	41	+9	WSW	4	0	3	?	?	-
Skagen (The Skaw)	30.11	37	SW	2	c	29.86	-.46	38	37	-1	SW	3	c	1	41	32	-
Fanö	30.13	34	S	4	c	29.91	-.42	41	39	+9	S	4	0	•	41	32	-
Cuxhaven	30.23	41	SSE	1	f	30.07	-.29	37	37	+8	SSE	2	f	•	41	?	-
‡Sumburgh Head	29.95	44	SW	1	0	29.29	-.85	45	43	+2	SW	6	c	5	46	40	0.08
‡Stornoway	29.87	47	SSW	5	cq	29.43	-.69	43	42	-2	W	7	cq/p	5	48	41	0.16
Wick	29.92	43	S	1	0	29.37	-.79	43	40	0	W	5	b	3	45	41	-
Nairn	29.97	45	Z	0	0	29.50	-.63	45	42	+5	W	4	c	2	47	39	-
‡Aberdeen	30.04	42	SW	2	0	29.56	-.66	45	44	+5	SW	5	c/p	2	46	39	0.02
Leith	30.09	43	S	1	m	29.65	-.55	48	45	+6	SW	5	0	•	48	38	-
‡Shields	30.11	41	Z	0	m	29.82	-.42	45	43	+4	SW	3	0	2	45	38	-
Spurn Head	30.12	42	SW	2	0	29.96	-.27	40	40	-5	SW	4	b	2	45	39	-
York	30.15	40	NNE	1	0	29.95	-.31	39	38	-2	S	2	bc	•	42	39	-
Loughborough	30.15	40	WSW	1	0	30.02	-.23	40	39	-1	SW	2	0	•	42	39	0.01
‡Ardrossan	30.09	45	S	3	0	29.74	-.48	47	46	+5	WSW	4	p	3	49	41	0.01
Malin Head	29.98	46	SSW	4	om	29.78	-.39	45	43	+1	WNW	4	op	4	47	44	0.06
‡Mullaghmore	30.03	49	SSW	5	om	29.85	-.31	46	46	-2	NW	5	od	4	49	45	-
‡Belmullet	30.09	49	SE	2	0	29.88	-.26	45	44	-1	S	1	0	3	49	45	0.06
Donaghadee	30.12	43	SW	1	0	29.84	-.39	45	44	+1	SW	3	bc	1	45	41	-
Barrow-in-Furness	30.13	41	ENE	2	0	29.91	-.33	47	46	+6	SW	4	0	•	47	40	-
Liverpool (Bidston)	30.13	41	E	1	0	29.93	-.31	44	42	+2	SSW	2	c	2	44	39	-
‡Holyhead	30.13	44	S	2	om	29.95	-.27	49	47	+5	SSW	4	om	2	50	42	-
Parsonstown	30.09	45	SE	1	0	29.95	-.25	41	40	-4	Z	0	b	•	49	41	-
‡Valencia	30.06	50	SSE	3	om	29.97	-.16	50	49	0	SSW	2	om	2	52	47	-
Roche's Point	30.08	50	SE	5	0	29.96	-.19	49	48	-1	SW	1	0	3	50	48	-
Pembroke	30.13	45	E	2	m	30.02	-.16	46	45	+2	ESE	2	mq	1	46	43	-
‡Scilly	30.03	51	ESE	4	0	29.98	-.13	50	49	-1	S	1	0	2	51	49	-
Prawle Point	30.10	49	E	2	0	30.03	-.15	49	47	+1	NE	1	0	2	49	46	-
Hurst Castle	30.14	45	E	2	m	30.04	-.17	47	47	+4	SSW	1	m	2	48	43	0.01
‡Dungeness	30.15	45	SW	1	0	30.06	-.15	46	46	+2	SSW	3	0	2	47	43	-
‡London	30.16	43	S	1	0	30.06	-.17	43	42	0	Z	0	fq	•	48	42	-
Oxford	30.14	42	NE	1	0	30.05	-.19	42	41	0	SSE	1	0	•	42	42	-
Cambridge	30.14	42	Z	0	0	30.04	-.19	41	41	-1	SW	1	0	•	43	39	0.02
‡Yarmouth	30.15	43	W	1	omq	30.04	-.19	41	40	-3	WSW	2	of	2	45	39	-
The Helder																	
Cape Gris Nez																	
‡Jersey	30.09	43	ENE	3	f	30.02	-.15	43	43	+1	ENE	3	cf	3	44	40	-
Brest	30.05	48	ESE	3	m	29.98	-.12	44	42	+8	E	3	b	3	53	36	-
Lorient	30.06	48	E	4	b	30.02	-.11	41	41	-2	E	5	f	2	52	36	-
‡Rochefort	30.09	55	ESE	4	b	30.01	-.13	46	45	+1	ESE	5	b	2	59	41	-
Biarritz	29.95	60	SSE	3	0	29.91	-.13	61	53	+12	SSE	3	0	1	64	46	-
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30.11	-.15	39	39	-2	SW	1	h	•	42	39	-
Charleville	?30.18	42	SE	1	0	?30.17	-.06	39	39	-2	SE	1	bc	•	?	33	-
Paris	30.19	43	NE	3	0	30.12	-.14	37	36	-6	NE	4	f	•	*	*	-
Lyons	30.22	45	WNW	1	b	30.15		42	41		N	1	0	•	50	41	0.04
Toulon	30.20	51	ESE	4	c	30.18	-.05	51	46	0	ESE	5	0	3	57	48	-

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Prof. Langerfeld Ath. Printer

WEATHER CHARTS

for 8 a.m. on Friday 13TH November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

Wind — *Arrows shew 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.

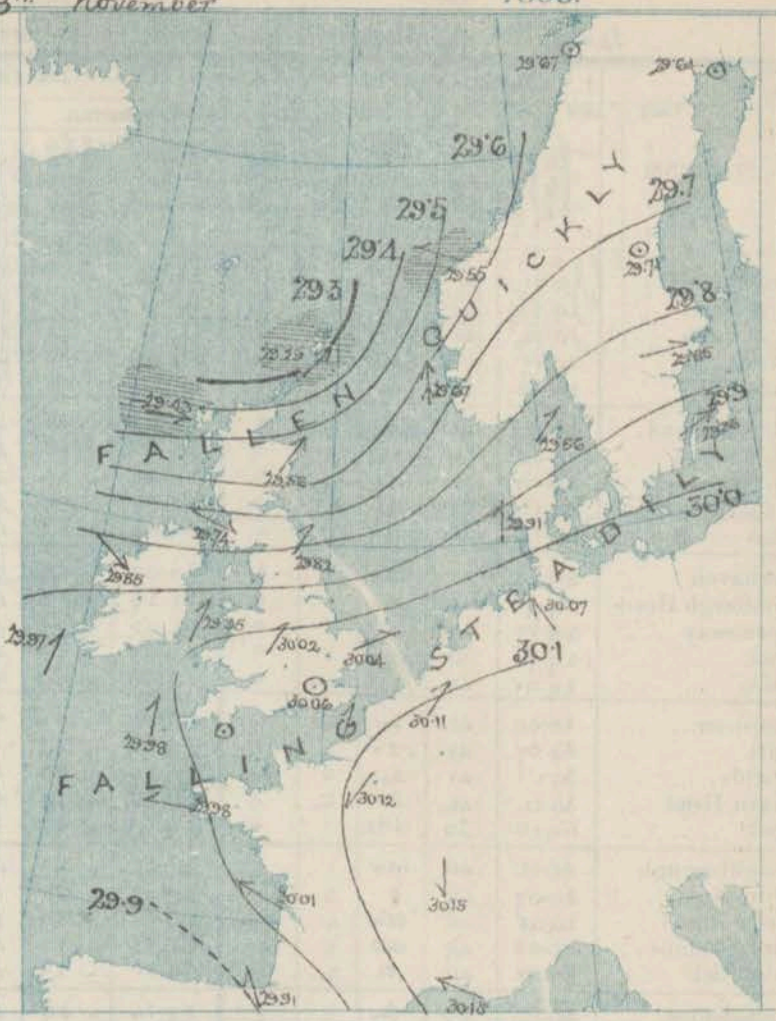
Sea Disturbance — *where considerable, is shewn thus*

▱ = Rough. ▰ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·835
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M.
with RAINFALL *in* PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

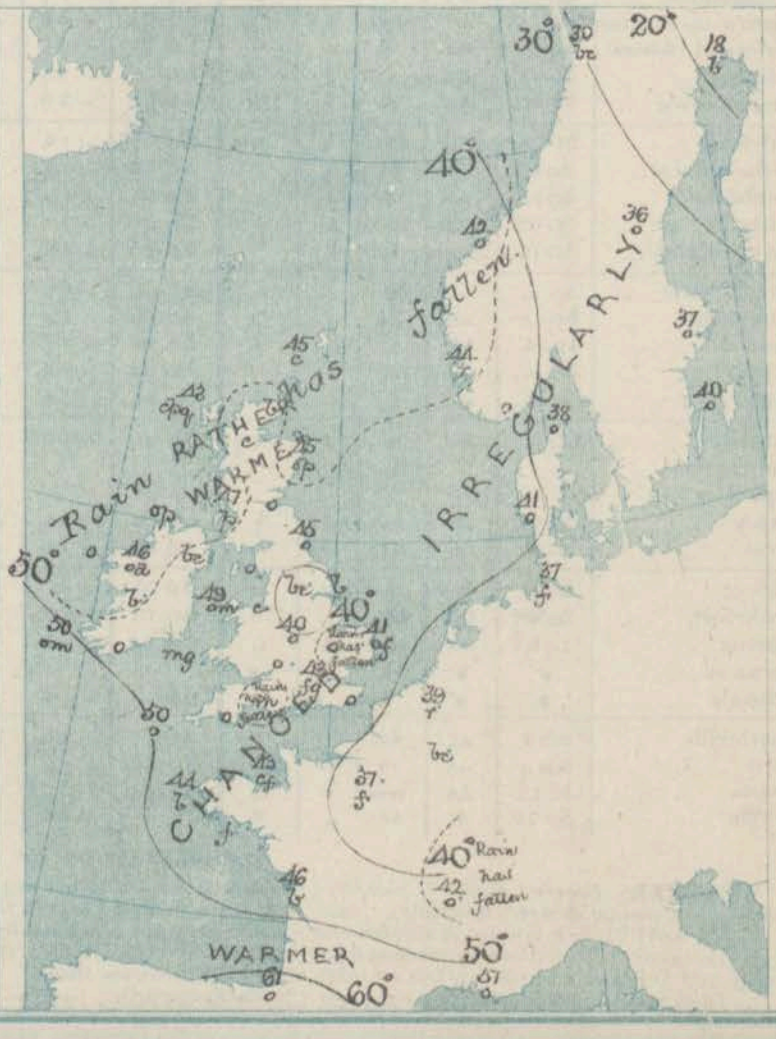
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of November

STATIONS	TEMPERATURE. Daily Max	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·8	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE—*The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*



REMARKS.

for Friday 13th November. 1885, at 8 a.m.

In the course of the past twenty four hours a depression has appeared off the north of Scotland, and a rapid fall of the barometer is now taking place on our extreme northern coasts, while a less decided fall is in progress in all other parts of Western Europe. In consequence of these changes the area of highest pressure has been transferred from Denmark to Germany and the east of France. The wind is strong from the W.ward in the north of Scotland, and light from the S.ward or SW.ward in the south of our Islands, but in France E.ly or SE.ly breezes are reported. The weather has cleared at some of the Irish and English stations, but elsewhere it remains overcast, with showers in the north, and fog or mist in the south. Temperature has risen a few degrees in the north, and readings now range from 50° at Valentia and Scilly to 39° at York. The sea is rather rough at Lumbugh Head and Stornoway, moderate to smooth elsewhere.

The depression in the north will probably move away in a north easterly direction, but further disturbances are likely to approach our Islands before long.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 11th Inst: a fresh gale from NW. was experienced in Lat. 41° N. Long 68° W, the barometer at 4 am falling to a minimum of 29.6 in:

FORECASTS

for the 24 hours ending at NOON on 14th November *1885.*

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W.ly to SW.ly Winds, fresh or strong; cloudy, rain at times.	6 SCOTLAND WEST	Same as No 1
1 SCOTLAND EAST	SW.ly Winds, fresh; cloudy, some rain.	7 ENGLAND N.W.	Same as No 1.
2 ENGLAND N.E.	------D°------D°------D°-----	8 ENGLAND S.W	SE.ly Winds, light, to SW.ly, fresh; fair to unsettled and some rain.
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	SW.ly and S.ly Winds, freshening; cloudy, unsettled, some rain.
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	-----D°------D°------D°----
5 ENGLAND SOUTH	SW.ly Winds, moderate; fair generally.	WARNINGS	None issued.

Fredk Dangerfield, Lith. London, (13).

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·13	48	44	SSE	6	of	3
Sumburgh Head	30·03	45	43	SW	1	o	1
Stornoway	29·99	47	47	S	4	og	4
Aberdeen	30·09	45	43	SW	1	e	0
Shields	30·15	41	40	ESE	0	ogm	2
Ardrossan	30·12	45	43	SSW	1	o	1
Malin Head	30·02	46	44	S	4	o	2
Mullaghmore	30·04	48	45	SE	5	om	2
Belmullet	30·06	48	46	S	4	og	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	30·15	43	42	SSE	2	om	1
Valencia	30·04	51	?50	SSE	4	omg	4
Scilly	30·04	51	49	SSE	4	o	4
Dungeness	30·16	45	43	SSW	1	o	1
London	30·14	45	43	ESE	2	ogm	*
Yarmouth	30·18	45	43	W	1	ofg	2
Jersey	30·10	43	43	E	3	f	3
Rochefort	30·11	58	54	ESE	5	c	2

REMARKS.

The barometer continues to fall generally – most in the north – but no material change is shown in the winds. Dull, misty weather prevails at nearly all stations. The sea is moderate to smooth.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Saturday 14th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER		SHADE TEMP.			WIND.				SHADE TEMP		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (1 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	29.88	21	W	0	s	28.87	- .77	23	13	+ 5	NE	4	s	*	30	18	0.36
Hernösand	29.16	38	S	6	r	29.00	- .71	32	29	- 4	N	4	be	*	41	30	-
Stockholm	29.45	36	NNW	4	o	29.15	- .70	42	40	+ 5	SW	4	o	*	?	36	-
Wisby	29.66	34	SW	6	o	29.35	- .61	44	42	+ 4	WSW	8	o	*	?	36	0.04
Bodo	29.31	26	ENE	2	b	29.12	- .55	23	22	- 1	E	2	b	1	?	23	-
Christiansund	29.07	39	SE	3	r	29.29	- .28	34	32	- 8	NNE	4	s	4	43	30	0.28
‡Skudesnaes	29.21	47	SW	8	o	29.26	- .41	43	40	- 1	WNW	8	o	6	?	?	0.39
Oxö (Xtiansund)	29.34	46	W	8	o	29.21	- .59	45	43	+ 2	WSW	6	c	4	46	34	0.16
Skagen (The Skaw)	29.43	43	WSW	6	r	29.23	- .63	44	42	+ 6	W	5	o	3	45	?	0.12
Fanö	29.62	45	SW	6	o	29.62	- .29	44	42	+ 3	W	6	c	*	46	39	0.04
Cuxhaven	29.90	39	SW	5	f	29.91	- .36	43	43	+ 6	SW	5	f	*	43	37	-
‡Sumburgh Head	29.09	44	NW	5	c	29.55	+ .26	34	33	- 11	N	4	be	4	46	32	0.25
‡Stornoway	29.51	44	NW	4	sq	29.76	+ .33	35	34	- 8	N	5	b	4	46	34	0.23
Wick	29.35	43	W	4	o	29.62	+ .25	35	33	- 8	NNW	5	be	5	45	33	0.11
Nairn	29.45	44	W	3	b	29.67	+ .17	38	37	- 1	NNW	3	o	3	48	37	0.04
‡Aberdeen	29.46	44	WSW	4	b	29.69	+ .11	38	37	- 1	NW	4	o	1	49	38	-
Leith	29.59	45	W	5	c	29.68	+ .03	40	39	- 8	NW	1	on	*	49	39	0.06
‡Shields	29.68	46	SW	4	o	29.65	- .17	42	41	- 3	NW	1	d	2	50	41	-
Spurn Head	29.76	44	SW	5	o	29.61	- .29	44	43	+ 4	W	4	cm	2	46	39	-
York	29.76	46	SW	4	o	29.68	- .27	43	41	+ 4	W	1	o	*	48	38	-
Loughborough	29.86	43	SW	3	o	29.73	- .29	43	43	+ 3	W	1	hg	*	47	40	0.04
‡Ardrossan	29.66	47	W	5	c	29.70	- .04	40	40	- 1	NE	1	op	3	48	39	0.02
Malin Head	29.73	46	WNW	5	o	29.77	- .01	42	40	- 3	N	4	op	4	47	42	0.03
‡Mullaghmore	29.81	46	NW	4	c	29.79	- .06	42	41	- 4	NNW	3	p	2	47	40	0.19
‡Belmullet	29.84	44	NW	2	c	29.83	- .05	42	40	- 3	N	4	c	8	?48	41	0.05
Donaghadee	29.76	44	WNW	2	bc	29.72	- .12	42	41	- 3	NW	4	r	2	48	40	0.03
Barrow-in-Furness	29.74	49	SW	3	o	29.68	- .23	44	44	- 3	NNW	4	o	*	50	43	0.06
Liverpool (Bidston)	29.79	46	SW	2	o	29.71	- .22	44	42	0	W	3	o	3	48	43	0.06
‡Holyhead	29.82	50	SW	4	om	29.74	- .21	46	43	- 3	NW	3	o	2	51	45	-
Parsonstown	29.84	45	NNW	1	r	29.81	- .14	38	37	- 3	WNW	1	be	*	50	38	0.09
‡Valencia	29.86	51	SSW	2	sq	29.85	- .12	42	41	- 8	NNE	1	b	2	58	40	0.05
Roche's Point	29.86	53	WSW	2	o	29.79	- .17	45	42	- 4	NNE	4	b	4	?53	43	0.06
Pembroke	29.87	51	WSW	3	c	29.76	- .26	48	47	+ 2	WNW	4	r	3	52	46	0.06
‡Scilly	29.90	48	S	1	c	29.79	- .19	51	50	+ 1	WSW	5	o	4	53	46	-
Prawle Point	29.93	49	Calm	0	o	29.80	- .23	49	46	- 2	WNW	2	o	1	52	43	-
Hurst Castle	29.93	49	SSW	1	c	29.78	- .26	48	48	+ 1	W	1	c	2	50	46	-
‡Dungeness	29.95	44	SW	3	o	29.77	- .29	50	49	+ 4	SW	4	c	2	50	43	-
‡London	29.91	48	SW	1	o	29.77	- .29	46	45	+ 3	SW	1	o	*	51	42	-
Oxford	29.89	43	SW	2	bc	29.78	- .30	45	44	+ 3	SW	2	om	*	45	40	-
Cambridge	29.88	43	SW	1	o	29.71	- .33	44	44	+ 3	SW	1	o	*	44	40	-
‡Yarmouth	29.88	44	SW	3	o	29.72	- .32	44	43	+ 3	WSW	2	oam	2	44	40	0.01
‡The Helder	29.83	46	WSW	4	o	29.69	- .32	47	46	+ 4	WSW	4	o	3	48	43	-
Cape Gris Nez	29.93	40	Calm	0	m	29.78		43	41		SW	5	f	4	45	37	-
‡Jersey	29.92	45	ESE	2	f	29.82	- .20	45	45	+ 2	ENE	1	f	1	48	42	0.01
‡Brest	29.91	49	WNW	1	m	29.84	- .14	50	48	+ 6	N	3	o	4	55	43	-
Lorient	29.92	47	E	3	m	29.87	- .15	45	44	+ 4	NNW	4	m	2	48	?	-
‡Rochefort	29.96	52	SE	4	b	29.89	- .12	51	51	+ 5	S	4	o	2	?	41	-
Biarritz	29.89	58	SSE	4	o	29.87	- .04	56	49	- 6	SSE	5	b	1	64	52	-
Coruna	*	*	*	*	*												
‡Brussels	*	*	*	*	*	29.83	- .28	38	38	- 1	SSW	1	f	*	42	38	-
Charleville	?30.00	40	SE	1	o	?29.86	- .31	39	38	0	SE	1	c	*	52	32	-
Paris	29.99	41	ENE	3	m	29.89	- .25	38	37	+ 1	SE	3	be	*	*	*	-
Lyons	3000	49	S	3	c	29.97	- .18	45	44	+ 3	S	3	b	*	48	?	0.12
Toulon	3006	47	ESE	5	r	29.96	- .22	47	45	- 4	E	4	o	4	?	43	0.24

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted). ↓ Received too late for insertion in Chart.

Fred. Dangerfield, Lith. London.

WEATHER CHARTS

for 8 a.m. on Saturday, 14th November. 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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.

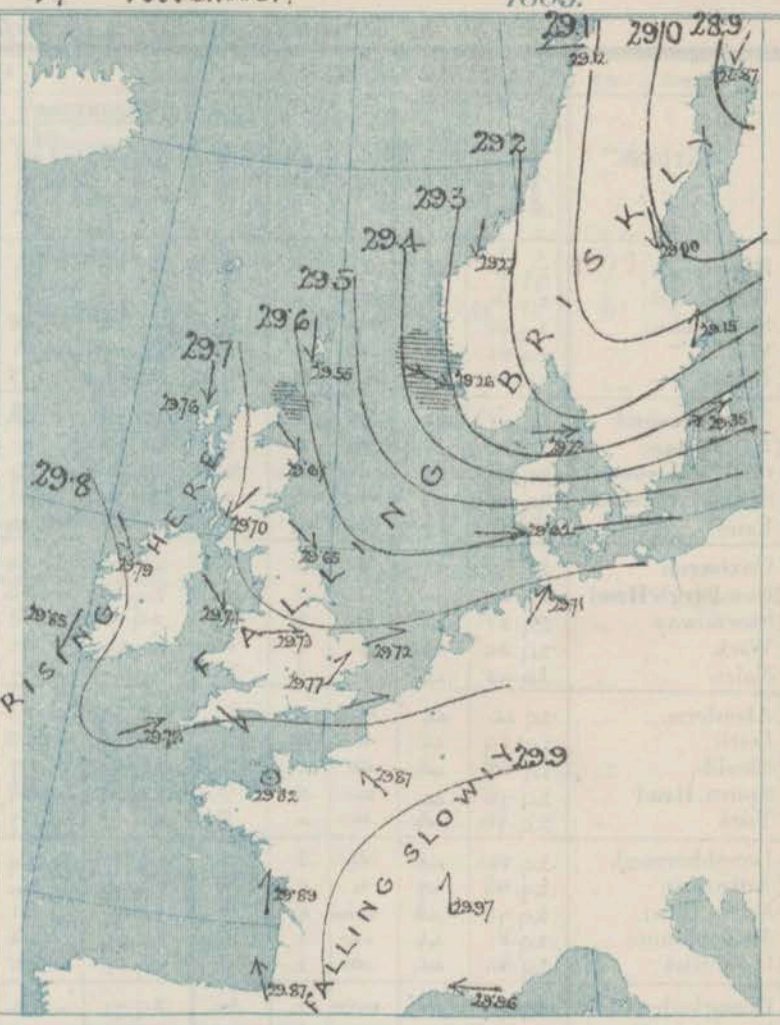
Sea Disturbance — *where considerable, is shewn thus*

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of **November**
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	Ins.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather — *is shown by Letters of the Beaufort Scale.*

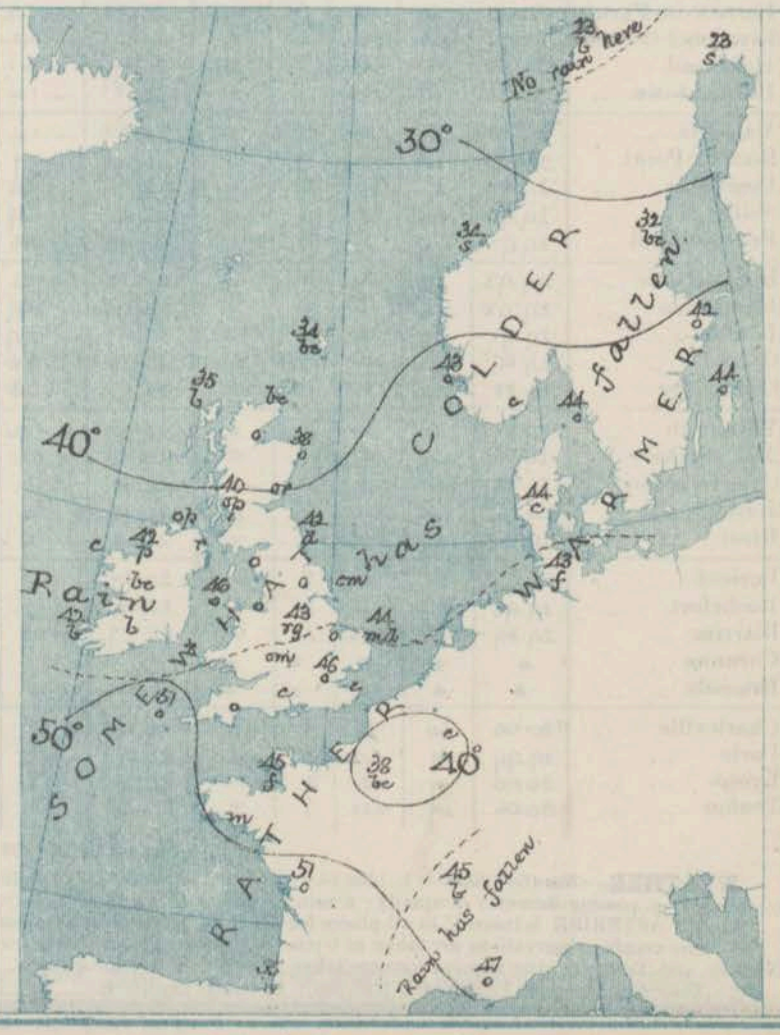
Rainfall — *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of **November**

STATIONS	TEMPERATURE. Daily Max	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Saturday 14th November 1885, at 8 a.m.

The depression which lay off the north of Scotland yesterday morning subsequently grew deeper and occasioned slight W^ly gales on our extreme northern coasts. The disturbance has, however, now travelled away to Scandinavia, and a recovery of pressure has taken place in the west and north of our Islands; elsewhere the barometer continues to fall. The wind has veered to N. or NW. on our western and northern coasts, but in the south-East of England it is SW^ly, while in France it is chiefly S^ly; in force it is light or moderate in most places. The weather is fine at some of the Irish and Scotch stations, as well as in the east of France, but cloudy or overcast elsewhere with rain over central and eastern England and passing showers on our north-west coasts. Rain fell yesterday in the west and north of our Islands. Temperature has fallen in Ireland, Scotland and the north of England, but risen a little in the south-east; readings now range from 51° at Scilly to 34° at Lumbugh Head. The sea is rather rough at Wick, moderate to smooth elsewhere.

There is at present no sign of the approach of any new disturbance, but conditions are not settled.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 11th Inst. a whole gale from NW was experienced in Lat: ?41° N Long: 64° W. the barometer at 11 am: falling to a minimum of 29·4 ins:

FORECASTS

for the 24 hours ending at NOON on 15th November. 1885.

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	N^ly and NW^ly winds, moderate; fair generally.	6 SCOTLAND WEST	NW^ly to W^ly Winds, moderate; changeable, some showers.
1 SCOTLAND EAST	------D°--------D°-------D°------	7 ENGLAND N.W.	-----D°--------D°-------D°-----
2 ENGLAND N.E.	W^ly to NW^ly Winds, moderate; rainy to fair.	8 ENGLAND S.W	W^ly to NW^ly Winds, moderate or fresh, unsettled, some showers
3 ENGLAND EAST	Same as N° 5	9 IRELAND NORTH	N^ly winds, backing later; fair to unsettled and some rain.
4 MIDLAND COUNTIES	Same as N° 5	10 IRELAND SOUTH	-----D°--------D°-----D°----
5 ENGLAND SOUTH	SW^ly to W^ly or NW^ly Winds, moderate; cloudy and some rain, then fair, turning colder.	WARNINGS	The South cone was hoisted yesterday in districts 0 to 2 and 6 to 10 but the signals have been lowered this morning.

Fredk Dangerfield, Lith. London, (13).

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesmes	29.38	46	45	SSW	8	h	5
Sumburgh Head	29.98	45	44	NSW	6	op	6
Stornoway	29.42	44	44	W	4	h qs	5
Aberdeen	29.49	46	42	SW	4	bc	1
Shields	29.71	60	49	SW	3	o	2
Ardrossan	29.68	48	44	W	5	o	4
Malin Head	29.73	46	43	WNW	5	o	5
Mullaghmore	29.82	45	44	NSW	3	oq	3
Belmullet	29.86	48	44	NW	2	oq	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	29.85	50	49	SW	4	c	3
Valencia	29.89	53	50	SW	3	o	3
Scilly	29.92	52	49	S	1	o	2
Dungeness	29.98	46	45	SW	3	o	2
London	29.95	51	48	SW	1	o mw	*
Yarmouth	29.93	43	42	NSW	3	o mw	2
Jersey	29.94	49	49	ESE	2	bc	2
Rochefort	29.97	60	56	SE	4	c	2

REMARKS.

The depression off the north of Scotland is growing deeper and the barometer continues to fall generally — most at Shudesnaes and Sumburgh Hd. Some increase of wind is reported on our extreme northern coasts, but elsewhere little change has occurred. The weather is fine in the east of Scotland, but dull in all other localities with rain at Stornoway. The sea is rough off the north of Scotland, slight or smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Sunday November 15th 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. N. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	29·12	11	N	4	b	29·35	+ ·48	14	14	— 9	NNW	4	bc	*	25	10	—
Hernösand	29·33	26	Z	0	b	29·56	+ ·56	18	17	— 14	Z	0	b	*	41	?	—
Stockholm	29·25	32	NE	4	s	29·60	+ ·35	28	27	— 14	N	2	o	*	43	?	0·39
Wisby	29·35	43	SW	6	c	29·34	— ·01	37	36	— 7	E	6	o	*	46	36	—
Bodö	29·29	23	E	2	b	29·45	+ ·33	27	25	+ 4	NW	5	c	3	29	23	—
Christiansund	29·50	31	NNE	2	o	29·96	+ ·49	32	30	— 2	W	4	s	5	34	27	0·16
‡Skudesnaes	29·49	36	NW	6	bc	29·82	+ ·56	34	30	— 9	NNW	4	bc	4	43	28	—
Oxö (X'tiansund)	29·41	39	WNW	4	b	29·78	+ ·57	33	29	— 12	NNW	2	b	2	45	32	—
Skagen (The Skaw)	29·36	38	NNW	5	c	29·68	+ ·45	36	31	— 8	NE	4	b	3	?	34	—
Fano	29·47	40	NW	4	c	29·79	+ ·11	32	30	— 12	N	4	b	*	46	30	—
Cuxhaven	29·59	42	WSW	3	r	29·68	— ·03	42	41	— 1	N	3	b	*	43	40	0·32
‡Sumburgh Head	29·71	33	N	3	b	30·03	+ ·48	36	33	+ 2	N	3	o	3	37	28	0·01
‡Stornoway	29·91	33	N	4	c	30·15	+ ·39	36	34	+ 1	NNE	2	og	1	38	34	0·10
Wick	29·77	33	N	4	c	30·13	+ ·31	37	33	+ 2	NW	2	o	2	38	28	0·05
Nairn	29·84	34	NNW	4	c	30·17	+ ·50	33	32	— 5	NNW	2	o	3	39	31	0·02
‡Aberdeen	29·75	34	NNW	4	b	30·11	+ ·44	32	31	— 6	NNW	3	b	3	40	29	0·15
Leith	29·80	38	NW	1	c	30·15	+ ·47	31	30	— 9	NW	1	bm	*	40	30	0·01
‡Shields	29·94	39	N	4	c	30·10	+ ·45	34	33	— 8	NW	3	cs	4	41	32	0·35
Spurn Head	29·64	42	N	5	r	30·02	+ ·35	38	37	— 6	NW	4	bc	5	44	35	0·22
York	29·71	28	NW	1	r	30·10	+ ·42	32	31	— 11	NW	1	bs	*	45	31	0·21
Loughborough	29·70	42	WNW	3	o	30·09	+ ·36	34	30	— 12	NW	2	bm	*	46	34	0·09
‡Ardrossan	29·84	35	NE	1	b	30·19	+ ·49	33	30	— 7	N	1	b	1	42	28	0·03
Malin Head	29·91	40	N	5	c	30·17	+ ·40	38	33	— 4	SSE	2	b	2	44	37	0·01
‡Mullaghmore	29·93	40	NNE	5	c	30·14	+ ·35	36	34	— 6	ESE	4	b	2	44	32	—
‡Belmullet	29·96	42	NE	6	c	30·14	+ ·31	35	33	— 7	E	2	b	o	45	35	0·08
Donaghadee	29·86	40	N	5	bc	30·16	+ ·44	38	34	— 4	E	3	b	1	45	37	0·11
Barrow-in-Furness	29·74	40	N	2	b	30·15	+ ·47	33	31	— 11	N	2	b	*	44	31	0·03
Liverpool (Bidston)	29·76	39	N	4	bc	30·13	+ ·42	32	30	— 12	NNE	1	b	2	44	30	0·07
‡Holyhead	29·79	45	N	6	c	30·14	+ ·40	37	35	— 9	NE	3	b	2	47	37	0·03
Parsonstown	29·93	37	NNW	1	b	30·15	+ ·34	23	22	— 15	Z	0	b	*	45	22	—
‡Valencia	29·92	43	NNE	2	c	30·07	+ ·22	39	34	— 3	ENE	3	b	3	50	33	—
Roche's Point	29·90	43	N	3	b	30·05	+ ·26	35	33	— 10	NE	2	b	3	50	31	—
Pembroke	29·80	45	N	3	bc	30·12	+ ·36	37	33	— 11	NE	4	b	2	48	36	0·04
‡Scilly	29·78	49	N	6	c	30·01	+ ·22	46	43	— 5	ENE	4	c	4	52	45	—
Prawle Point	29·76	45	NNW	2	bc	30·05	+ ·25	38	36	— 9	NNE	3	c	3	51	34	0·04
Hurst Castle	29·71	47	WNW	2	bc	30·05	+ ·27	35	34	— 13	NNE	4	b	2	50	34	0·02
‡Dungeness	29·67	46	W	2	c	29·96	+ ·19	36	36	— 14	N	3	bc	2	52	35	0·05
‡London	29·70	43	N	2	o	30·03	+ ·24	35	33	— 11	NNW	3	b	*	49	34	0·11
Oxford	29·75	42	WSW	3	bc	30·07	+ ·32	32	31	— 13	N	3	b	*	46	32	0·16
Cambridge	29·72	40	N	1	o	30·07	+ ·36	32	31	— 12	N	1	o	*	45	30	0·22
‡Yarmouth	29·65	42	W	2	o	29·97	+ ·25	41	35	— 3	NNW	5	bc	5	44	39	0·29
The Helder	29·64	45	WNW	3	r	29·84	+ ·15	41	38	— 6	N	4	bc	3	48	41	0·24
Cape Gris Nez																	
‡Jersey	29·74	51	W	4	o	29·98	+ ·16	43	41	— 2	ENE	4	bcm	3	52	42	0·01
Brest	29·82	50	NW	4	o	29·97	+ ·13	41	38	— 9	N	3	o	3	55	39	—
Lorient	29·82	50	NNW	4	o	29·93	+ ·06	45	43	0	NE	5	c	2	52	41	—
‡Rochefort	29·88	51	NW	5	bc	29·95	+ ·06	46	43	— 5	? S	4	o	2	57	32	—
Biarritz	29·85	56	NNW	2	o	29·87	·00	55	51	0	Z	0	o	1	68	54	—
Corunna	*	*	*	*	*	29·93		52	52		N	1	o	4	61	36	—
Brussels	*	*	*	*	*	29·87	+ ·04	40	39	+ 2	NNW	1	o	*	45	?	—
Charleville	29·73	46	S	1	o	? 29·73	— ·13	42	41	+ 3	S	1	c	*	?	33	0·16
Paris	29·71	46	SE	3	m	29·94	+ ·07	42	40	+ 4	NNE	4	b	*	*	*	0·04
Lyons														*			
Toulon	29·92	49	E	5	c	29·87	— ·09	51	46	+ 4	E	1	bc	3	57	48	—

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.

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Printed by Harrison & Sons, London

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for 8 a.m. on Sunday 15th November 1885.

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(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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 thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of **November**
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
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Wick	29·767
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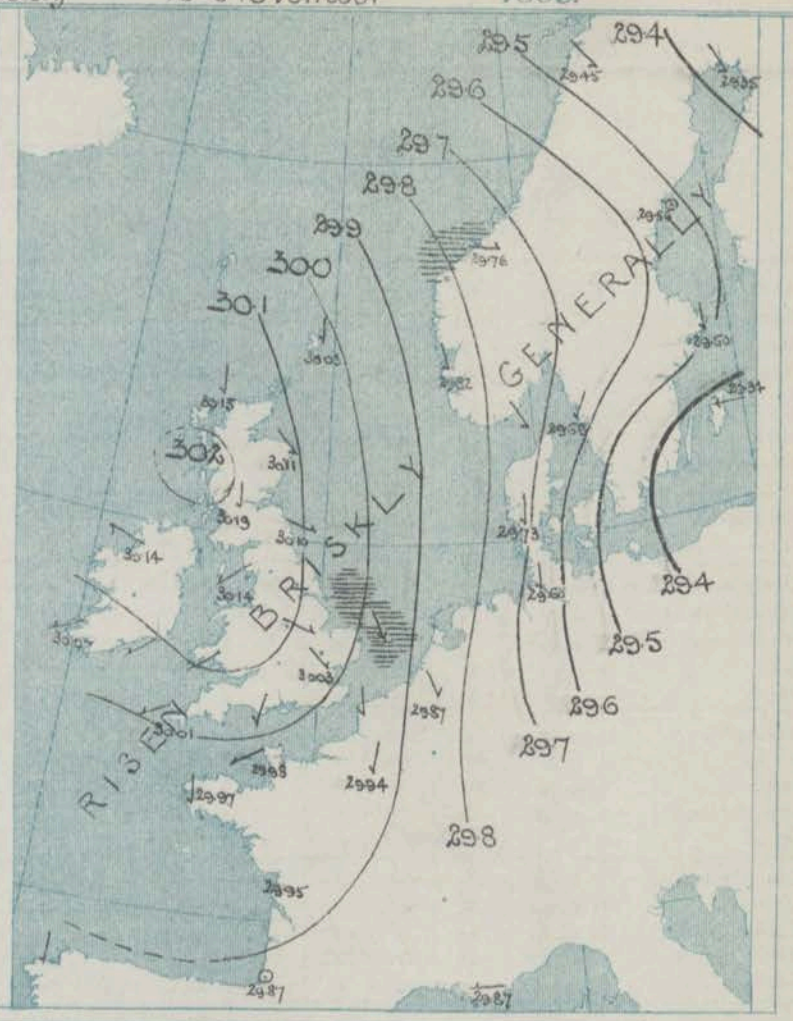
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·856



TEMPERATURE, & WEATHER at 8 A.M.,

with **RAINFALL** *in* **PAST 24 HOURS.**

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

Weather is shown by Letters of the Beaufort Scale.

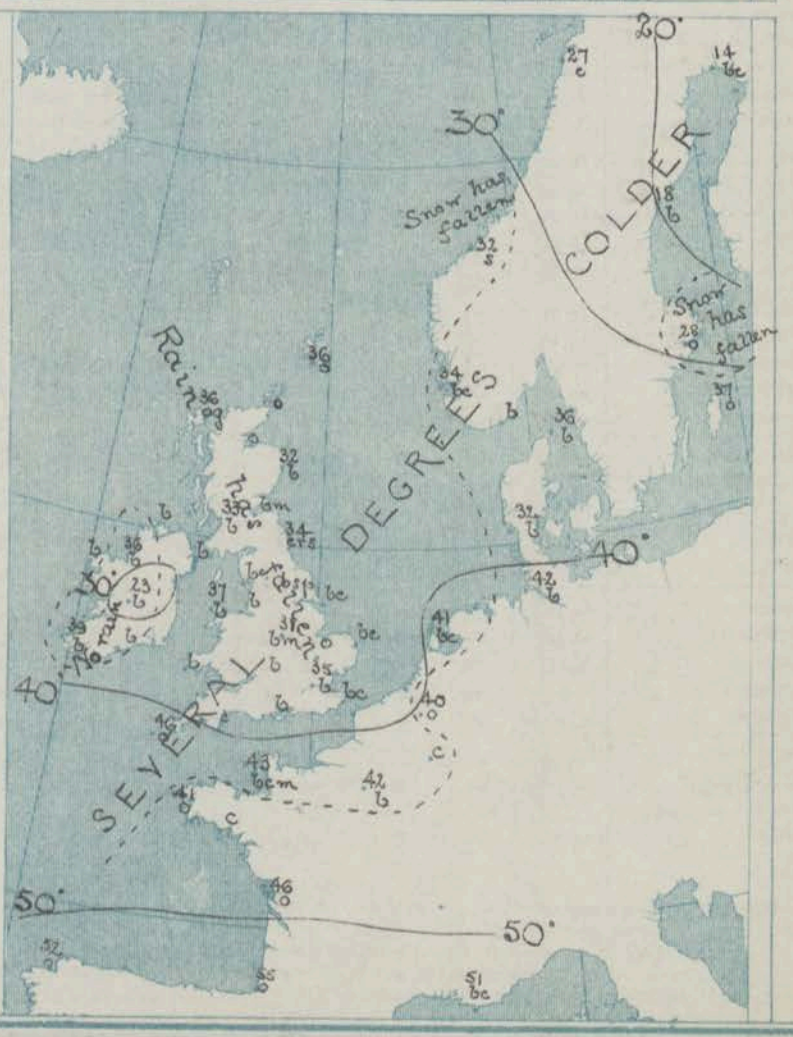
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of **November**

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·75
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Sunday 15th November. 1885. at 8 a.m.

The rise of the Barometer noticed on our western and northern coasts yesterday has since extended to all parts of Western Europe, and an anticyclone in which readings exceed 30·1 in: has been formed over Scotland and the north of England and Ireland. Moderate N^ly breezes prevail over the North Sea and our east coasts, but at our southern and the French stations the wind draws into NE, while in the west of our Islands it is chiefly E^ly. The weather is dull in the south of Sweden and north of Scotland, but fine in most other localities; at York and Shields, however, showers of snow or sleet are falling. Rain fell yesterday at many of the Irish and English stations, and snow showers were experienced in Scotland. Temperature has fallen quickly in most places, and readings now range from 46° at Scilly to 23° at Parsonstown. Frost occurred last night in many parts of the Kingdom; at Parsonstown the thermometer fell to 22°. The sea is rather rough off the east of England, moderate to smooth elsewhere.

FORECASTS

for the 24 hours ending at NOON on 16th November. 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued	6 SCOTLAND WEST	None issued.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	None issued

Prodk Dangerfield, Lith. London, (131.)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29·38	40	37	WNW	8	clrg	5
Sumburgh Head	29·62	33	32	N	3	bcps	4
Stornoway	29·85	35	35	N	5	Sp	4
Aberdeen	29·69	38	37	NNW	4	bsnsp	3
Shields	29·67	40	40	N	5	r	2
Ardrossan	29·75	36	36	NE	3	r	2
Malin Head	29·82	41	38	N	3	bc	5
Mullaghmore	29·85	42	40	N	5	bcp	4
Belmullet	29·90	45	41	N	5	b	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	29·73	45	42	NNW	4	c	3
Valencia	29·88	58	45	N	3	c	4
Scilly	29·75	51	50	NW	5	o	5
Dungeness	29·68	49	49	WNW	4	r	3
London	29·68	49	47	WNW	2	ogdc	*
Yarmouth	29·67	43	42	W	2	crm	2
Jersey	29·74	51	50	W	3	c	3
Rochefort	29·86	56	54	SW	5	o	2

REMARKS.

The depression in the far north, and the subsidiary "bollow" over our Islands are both moving eastwards. Northerly winds are becoming general over our Islands, with showers in most places, and snow in the north. The sea is rather rough at Scilly, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Monday 16th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9).	Max.	Min.	Amount of Rainfall.
Haparanda	29.56	5	NW	½	b	29.71	+.36	6	6	- 8	W	2	b	*	14	3	-
Hernösand ...	29.82	23	N	2	b	29.62	+.24	28	27	+ 10	NW	6	b	*	30	18	-
Stockholm ...	29.93	23	NW	2	b	29.99	+.49	28	26	0	WSW	2	b	*	36	21	-
Wisby	29.82	34	NW	6	bc	30.06	+.72	35	28	- 2	W	4	b	*	39	32	0.04
Bodö	29.57	28	NW	4	o	29.82	+.34	26	23	- 1	NW	4	bc	3	28	25	-
Christiansund...	29.86	35	W	8	g	30.09	+.31	38	36	+ 6	NNW	6	o	6	?	29	0.43
‡Skudesnaes ...	30.19	31	Calm	0	bc	30.28	+.46	41	39	+ 7	W	6	n	4	?	32	-
Oxö (Xtiansand)	30.52	33	NNW	4	b	30.25	+.47	34	36	+ 4	WSW	4	c	2	34	30	-
Skagen (The Skaw)	30.12	36	NNE	2	b	30.21	+.53	34	34	+ 1	NW	2	b	2	34	30	-
Fanö	30.21	34	Calm	0	b	30.34	+.64	38	32	+ 1	SW	1	b	*	34	30	-
Cuxhaven ..	30.03	38	N	3	b	30.40	+.72	33	33	- 9	SW	1	f	*	?	31	-
‡Sumburgh Head	30.12	41	WNW	4	c	30.29	+.24	40	34	+ 4	W	3	c	3	41	34	0.04
‡Stornoway ...	30.26	39	S	3	o	30.29	+.14	42	41	+ 6	SSW	4	oq	4	42	34	-
Wick	30.26	36	NW	1	o	30.35	+.22	33	30	- 4	W	1	b	0	37	29	-
Nairn	30.28	30	SW	1	c	30.38	+.21	24	22	- 9	SSW	1	b	1	34	22	-
‡Aberdeen... ...	30.30	35	NW	2	b	30.42	+.31	28	21	- 9	WSW	2	b	2	38	20	-
Leith ...	30.32	34	NW	1	b	30.43	+.28	24	24	- 7	W	1	f	*	48	21	-
‡Shields	30.29	34	NW	1	ops	30.44	+.34	34	35	+ 3	Calm	0	m	3	38	32	0.05
Spurn Head ...	30.25	41	NNE	4	bc	30.41	+.39	43	38	+ 5	ESE	3	c	4	43	34	-
York	30.29	34	NW	1	b	30.44	+.34	38	35	+ 6	E	1	f	*	40	31	-
Loughborough	30.30	34	N	1	b	30.43	+.34	24	24	- 7	WNW	1	f	*	44	24	-
‡Ardrossan ...	30.30	34	NE	1	bm	30.40	+.21	31	30	- 2	ENE	3	bm	2	39	28	-
Malin Head ...	30.24	35	SSE	2	b	30.31	+.14	35	32	- 3	SE	2	b	2	42	33	-
‡Mullaghmore ...	30.22	34	E	4	b	30.24	+.13	34	34	+ 1	ESE	4	b	2	42	34	-
‡Belmullet ...	30.17	34	ESE	4	b	30.20	+.06	30	35	+ 4	SW	5	b	3	41	34	-
Donaghadee ...	30.30	40	SE	4	b	30.36	+.20	42	40	+ 4	S	4	bc	2	43	34	-
Barrow-in-Furness	30.24	36	W	2	b	30.39	+.24	32	31	- 1	NE	2	b	*	40	32	-
Liverpool (Bidston)	30.29	35	NE	1	b	30.40	+.27	31	29	- 1	SE	2	bs	2	39	30	-
‡Holyhead ...	30.26	38	ENE	3	b	30.36	+.22	38	31	- 4	ESE	3	b	2	41	32	-
Parsonstown ...	30.22	35	SE	1	b	30.25	+.10	38	35	+ 15	E	2	cq	*	42	22	-
‡Valencia	30.06	44	E	5	bc	30.06	-.01	48	43	+ 9	ESE	7	o	6	49	34	-
Roche's Point ..	30.21	43	SE	5	bc	30.13	+.08	47	46	+ 12	SSE	7	p	5	47	35	0.01
Pembroke ...	30.22	40	E	3	b	30.25	+.13	41	39	+ 4	ESE	5	bc	4	42	36	-
‡Scilly	30.06	47	E	7	o	30.10	+.09	47	44	+ 1	ESE	8	c	6	48	44	-
Prawle Point ...	30.18	43	ENE	5	bc	30.23	+.18	45	40	+ 7	E	6	cq	6	46	36	0.01
Hurst Castle ...	30.23	40	ENE	4	b	30.32	+.24	41	39	+ 6	E	5	b	3	48	35	-
‡Dungeness ...	30.18	42	NE	4	bc	30.35	+.39	40	34	+ 4	ESE	5	b	4	52	35	0.08
‡London	30.25	39	NE	2	b	30.39	+.36	35	33	0	SE	1	f	*	42	30	-
Oxford	30.31	32	NNE	3	b	30.39	+.32	29	28	- 3	N	1	b	*	44	28	-
Cambridge ...	30.28	37	N	1	b	30.41	+.34	30	29	- 2	NNE	1	bc	*	42	26	-
‡Yarmouth ...	30.20	43	NNE	4	bc	30.42	+.45	42	39	+ 1	ESE	3	c	3	44	39	0.01
The Helder ...	30.21	40	NNE	1	b	30.42	+.38	37	36	- 4	WSW	1	bc	1	43	32	-
Cape Gris Nez...	30.11	43	N	1	bc	30.32		32	32		E	5	b	4	46	30	-
‡Jersey	30.12	44	ENE	4	b	30.22	+.24	38	36	- 5	E	5	bm	4	46	37	-
Brest	30.06	45	SE	5	b	30.11	+.14	39	37	- 2	E	7	b	4	46	34	-
Lorient	30.05	45	E	5	b	30.12	+.19	37	35	- 8	E	8	b	4	52	32	-
‡Rochefort ...	30.05	46	E	7	b	30.07	+.12	36	35	- 10	ENE	8	b	3	54	34	-
Biarritz	29.91	53	E	4	o	29.88	+.01	41	40	- 14	NE	3	b	1	57	39	-
Corunna	*	*	*	*	*	29.85	-.08	49	45	+ 7	E	4	o	3	64	36	-
Brussels	*	*	*	*	*	30.42	+.55	30	30	- 10	ENE	1	o	*	?	29	0.03
Charleville ...	?	39	S	1	b	? 30.36	+.63	29	28	- 13	N	1	b	*	?	28	-
Paris	30.19	43	N	4	b	30.31	+.37	34	32	- 8	NE	4	b	*	*	*	-
Lyons	30.00	43	N	3	o	30.06		34	33		N	4	o	*	49	34	0.03
Toulon	29.80	54	WNW	3	m	29.84	-.03	49	43	- 2	NW	3	bc	2	61	45	-

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Dangerfield, Printer, London.

WEATHER CHARTS

for 8 a.m. on Monday, 16th November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

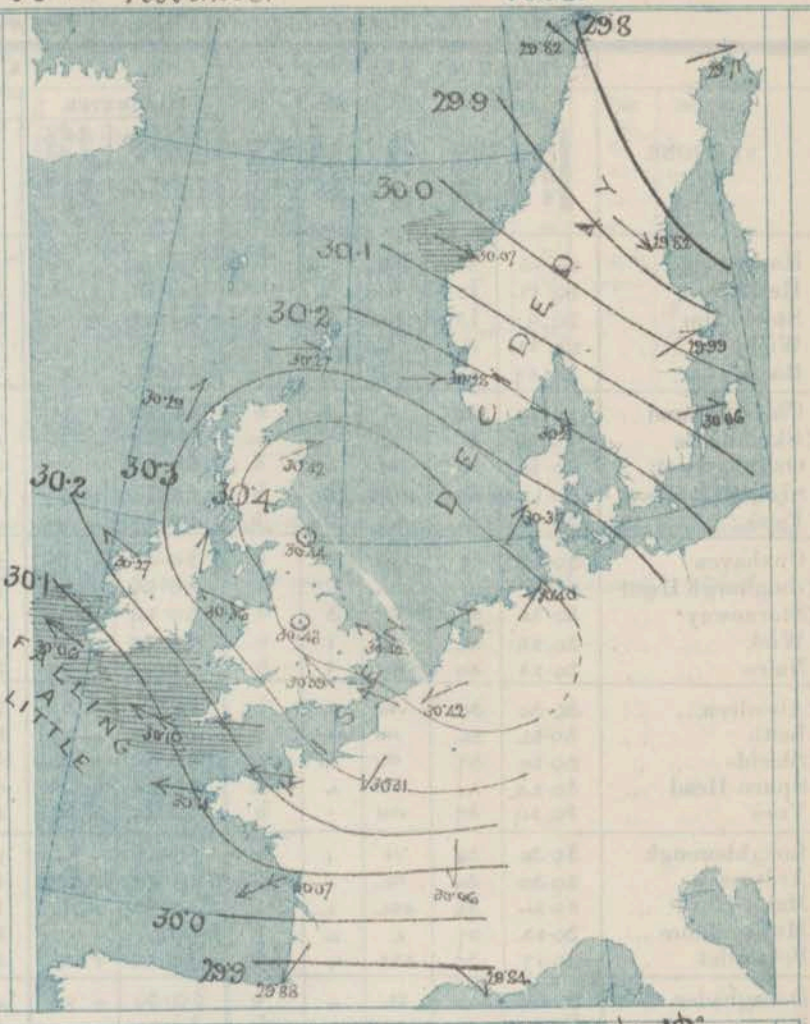
→ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — where considerable, is shewn thus
▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of **November**
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

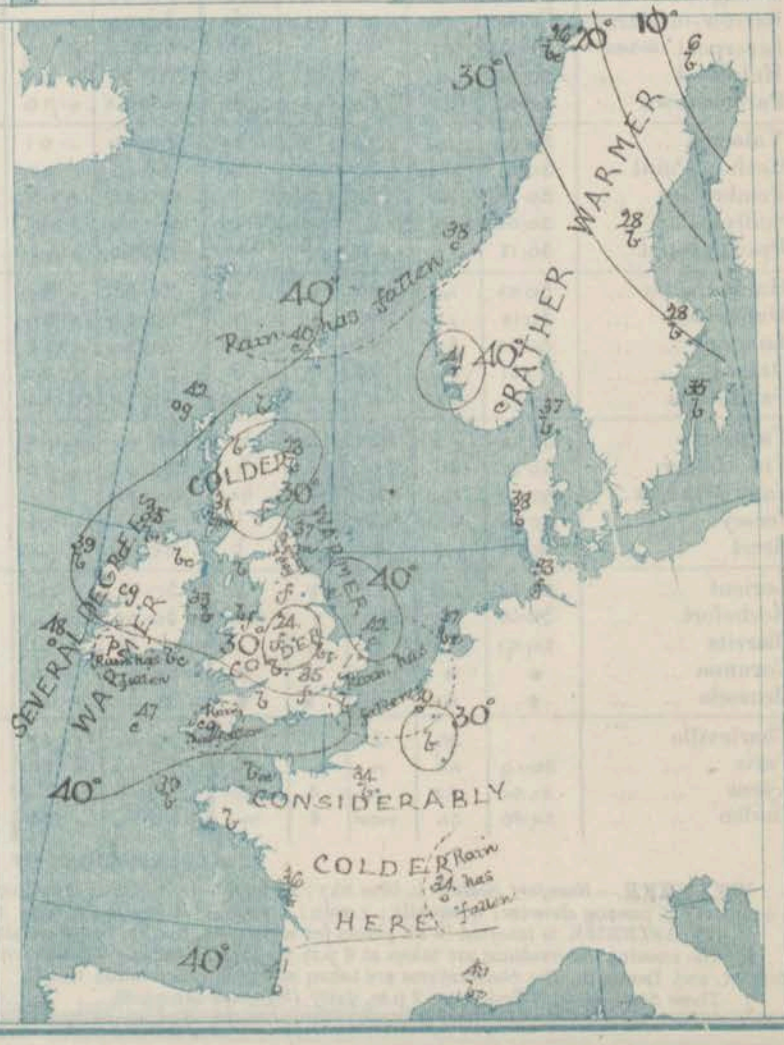
Temperature — Isotherms are drawn for each 10° Changes since previous morning are stated in words.
Weather is shown by Letters of the Beaufort Scale.
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of **November**

STATIONS	TEMPERATURE. Daily Max	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Monday 16th Nov.r 1885, at 8 a.m.

In the course of the past 24 hours the barometer has continued to rise in nearly all parts of Western Europe, and an anticyclone, with readings above 30.4 ins: now lies over the North Sea and the East coast of Great Britain. At Valencia, however, a slight fall of the barometer has set in during the night, and gradients for SE. winds are becoming rather steep in the south-west. Moderate to strong breezes from between W. and NW. prevail in Scandinavian, and light SW. breezes in the east of Scotland, but elsewhere the wind is E.N.E. or SE.by E., and on our south-west coasts it blows a moderate to fresh gale. The weather is fine at all but our extreme south-western stations; over the eastern and central parts of Great Britain, however, fog or mist is very prevalent. Temperature has risen several degrees in the west and south-west, but fallen in the east, readings now range from 48° at Valencia to 24° at Nairn, Leith, and Loughborough and 23° at Aberdeen. Sharp frost occurred over Great Britain last night. The sea is rough in the south-west, moderate to smooth elsewhere.

A depression is apparently advancing towards the south of Ireland and a further increase of wind is probable on our W. and SW. coasts

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington Ud. reports that on the 11th Inst. a strong gale from S. veering to NW. was experienced in Lat 41° N. Long 55° W. the barometer at 3 am: falling to a minimum of 28.8 ins:. On the 12th Inst. a fresh gale from similar directions was experienced in Lat 46° N. Long 45° W. the barometer at 4 am falling to a minimum of 29.4 ins:.

FORECASTS

For the 24 hours ending at NOON on 17th November 1885.

(Issued at 11 a.m on the previous day.)

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SW by W to S by W winds, moderate; fair generally.	6	SCOTLAND WEST	E by N and SE by E Winds, moderate; fair to cloudy and some rain.
1	SCOTLAND EAST	----- Do. ----- Do. ----- Do. -----	7	ENGLAND N. W.	E by N and SE by E Winds, increasing in force; fair to cloudy and some rain.
2	ENGLAND N.E.	SE by E Winds, freshening; fair generally.	8	ENGLAND S.W	SE by E gales and strong Winds; squally, some rain.
3	ENGLAND EAST	----- Do. ----- Do. ----- Do. -----	9	IRELAND NORTH	Same as No 7.
4	MIDLAND COUNTIES	----- Do. ----- Do. ----- Do. -----	10	IRELAND SOUTH	Same as No 8.
5	ENGLAND SOUTH	E by N and SE by E Winds, increasing in force; fair to cloudy and unsettled.		WARNINGS	The south cone has been hoisted this morning in districts 8 10 and part of 7.

Fredk Dangerfield, Lith., London, (151)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.04	37	33	NNW	4	bc	3	Holyhead							
Sumburgh Head								Valencia							
Stornoway								Scilly							
Aberdeen								Dungeness							
Shields								London							*
Ardrossan								Yarmouth							
Malin Head								Jersey							
Mullaghmore								Rochefort	30.01	52	50	E	5	0	2
Belmullet							*								

REMARKS.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD

FROM THE 8TH TO THE 14TH NOVEMBER 1885

During the greater part of this week the dominant pressure-system over northwestern Europe has been anticyclonic. The centre of the anticyclone lay over the southern parts of Scandinavia, but the system extended thence in a southwesterly direction and spread over the whole of the United Kingdom and the northern parts of France. The gradients were slight, and favourable for E^ly winds in the south, SE^ly in the west, and S^ly in the north. On Friday (13th) however, a large and somewhat deep depression advanced to our northern coasts from the Atlantic and spread quickly over the whole of northwestern Europe, the anticyclone receding in a southerly direction, as it did so, while gradients for SW^ly and W^ly winds spread over all our coasts. At the close of the week the disturbance (which was followed by a well-developed hollow) had reached the northern parts of Scandinavia, pressure was increasing again over our Islands, and gradients for N^ly breezes were taking the place of those for SW^ly and W^ly winds experienced on the 13th.

Thus, while light breezes with dull foggy weather prevailed generally from the 8th to the 12th with cold misty drizzle in several places, a decided westerly current set in on the 13th accompanied by milder weather, and a good deal of rain at all but the southern stations. This afterwards changed to snow and sleet as the wind veered to N. and the temperature fell.

The similarity between the general trend of the isobars during the earlier part of the week and those prevailing at its close is very striking – but in the first instance they enclosed an anticyclonic and in the latter a cyclonic system. Hence the difference between the winds and weather experienced during these two periods.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Tuesday 17th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Wet.	Difference from 8 a.m. yesterday.	Wind. Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Min.	Amount of Rainfall.
Haparanda	29·83	18	NW	6	b	29·96	+·25	15	11	+9	NW	2	b	•	19	0	-
Hernösand	30·16	24	N	2	b	30·14	+·32	24	22	−4	NW	0	s	•	?	19	-
Stockholm	30·14	29	NW	2	b	30·22	+·23	28	26	0	SSW	2	bc	•	32	19	-
Wisby	30·13	30	N	6	bc	30·22	+·16	34	30	+2	SW	2	b	•	39	32	-
Bodö	30·05	26	E	2	o	29·69	−·18	26	25	0	ESE	6	s	2	?	21	-
Christiansund	30·08	39	SW	6	r	29·93	−·14	44	40	+6	WSW	9	o	6	45	34	0·55
‡Skudesnaes	30·34	42	W	6	o	30·32	+·04	44	40	+3	WSW	6	o	4	46	41	-
Oxö (Ytterö)	30·33	41	W	4	c	30·34	+·09	42	39	+5	WSW	4	o	2	43	?	-
Skagen (The Skaw)	30·31	42	NW	3	b	30·32	+·11	43	38	+6	NW	5	o	4	43	34	-
Fanö	30·47	34	WNW	2	b	30·49	+·12	41	38	+8	SW	1	c	•	41	?	-
Cuxhaven	30·50	41	SSW	1	b	30·54	+·14	38	33	0	SW	1	b	•	41	31	-
‡Sumburgh Head	30·25	42	N	3	o	30·13	−·14	43	41	+3	W	4	o	3	43	38	-
‡Stornoway	30·24	42	SSW	5	o q	30·20	−·09	42	41	0	WSW	5	bc	5	43	40	-
Wick	30·34	33	W	1	b	30·23	−·12	38	32	0	SW	1	b	0	34	25	-
Nairn	30·34	31	SSW	1	b	30·25	−·13	33	32	+9	SW	1	b	1	42	24	-
‡Aberdeen	30·39	33	SW	2	b	30·32	−·10	35	33	+12	SW	4	b	1	39	21	-
Leith	30·41	32	SW	1	m	30·38	−·05	22	22	−2	N	1	f	•	41	20	-
‡Shields	30·45	41	S	3	bc	30·43	−·01	31	30	−6	SW	1	f	2	43	30	-
Spurn Head	30·41	44	SE	3	c	30·41	·00	42	40	−1	SE	4	bc	4	46	41	-
York	30·44	42	ESE	1	r	30·44	·00	34	33	−4	SE	1	c	•	? 48	33	-
Loughborough	30·43	33	ESE	1	b	30·42	−·01	22	22	−2	ENE	1	bc	•	45	22	-
‡Ardrossan	30·38	35	ENE	3	b m	30·37	−·03	33	32	+2	ENE	1	bm	2	41	29	-
Malin Head	30·30	39	SE	2	b	? 30·28	−·03	36	34	+1	SE	6	bm	3	43	35	-
‡Mullaghmore	30·25	42	ESE	5	b	30·24	−·03	39	35	+4	ESE	5	b	3	46	36	-
‡Belmullet	30·19	42	ESE	5	b	30·22	+·02	34	31	−3	NE	2	b	•	45	34	-
Donaghadee	30·36	44	SE	6	bc	30·34	−·02	42	39	0	SSE	6	bc	4	45	41	-
Barrow-in-Furness	30·38	39	E	4	b	30·39	·00	34	32	+2	NE	2	b	•	42	32	-
Liverpool (Bidston)	30·38	38	ESE	3	b	30·38	−·02	34	32	+3	ESE	2	b	2	42	31	-
‡Holyhead	30·34	39	Z	0	b	30·31	−·05	34	32	+1	ENE	1	b	2	43	33	-
Parsonstown	30·24	40	E	1	b	30·25	·00	37	33	−1	E	1	b	•	46	34	-
‡Valencia	30·06	47	ENE	5	b q	30·08	+·02	44	41	−4	ENE	6	b	6	49	43	-
Roche's Point	30·14	47	SE	1	bc	30·16	+·03	44	41	−3	SE	6	bc	5	49	34	-
Pembroke	30·22	43	ESE	6	b	30·21	−·04	36	32	−5	ESE	5	b	4	44	36	-
‡Scilly	30·04	47	E	9	bc	30·00	−·10	47	45	0	E	8	c	7	48	45	-
Prawle Point																	
Hurst Castle	30·31	41	E	6	b	30·20	−·12	38	36	−3	E	7	b	4	47	36	-
‡Dungeness	30·36	40	ESE	6	b	30·31	−·04	36	35	−4	ESE	5	b	5	44	35	-
‡London	30·39	36	SE	2	b	30·33	−·06	33	31	−2	SE	2	bm	•	44	33	-
Oxford	30·41	34	ESE	2	b	30·35	−·04	28	29	−1	NE	1	b	•	42	24	-
Cambridge	30·42	33	E	1	b	30·38	−·03	30	29	0	NE	1	b	•	44	26	-
‡Yarmouth	30·43	42	ESE	4	bc	30·42	·00	40	36	−2	ESE	5	b	5	43	34	-
The Helder	30·49	39	ENE	1	bc	30·50	+·08	34	33	−3	ESE	1	b	1	43	34	-
Cape Gris Nez	30·34	33	NE	5	b	?	?	28	28	−4	E	5	b	3	39	24	-
‡Jersey	30·16	39	E	7	bm	30·08	−·14	32	30	−6	E	8	bm	6	42	31	-
Brest	30·04	42	E	7	b	29·93	−·18	34	30	−6	E	7	b	4	50	?	-
Lorient	30·04	43	E	9	b	29·94	−·18	32	29	−5	E	8	c	4	? 48	28	-
‡Rochefort	30·10	43	ENE	8	b	29·91	−·16	33	32	−3	ENE	8	o	4	48	28	-
Biarritz	29·98	50	ENE	5	bc	29·69	−·19	52	49	+11	ENE	4	r	2	54	39	0·16
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30·38	−·04	28	28	−2	E	3	b	•	34	24	-
Charleville	? 30·41	38	S	4	b	? 30·34	−·02	31	30	+2	S	4	b	•	42	28	-
Paris	30·26	40	E	5	b	30·21	−·10	31	30	−3	E	5	b	•	•	•	-
Lyons	30·08	39	N	4	o	30·13	+·04	33	31	−1	N	1	o	•	43	32	-
Toulon	29·94	52	S	3	bc	30·05	+·21	50	46	+1	ESE	7	r	5	54	46	-

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 observations is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Printed by Darling and Son, London.

WEATHER CHARTS

for 8 a.m. on Tuesday, 17th November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map.)

Barometer —— *Isobars are drawn for each tenth of an inch. Changes 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 —*

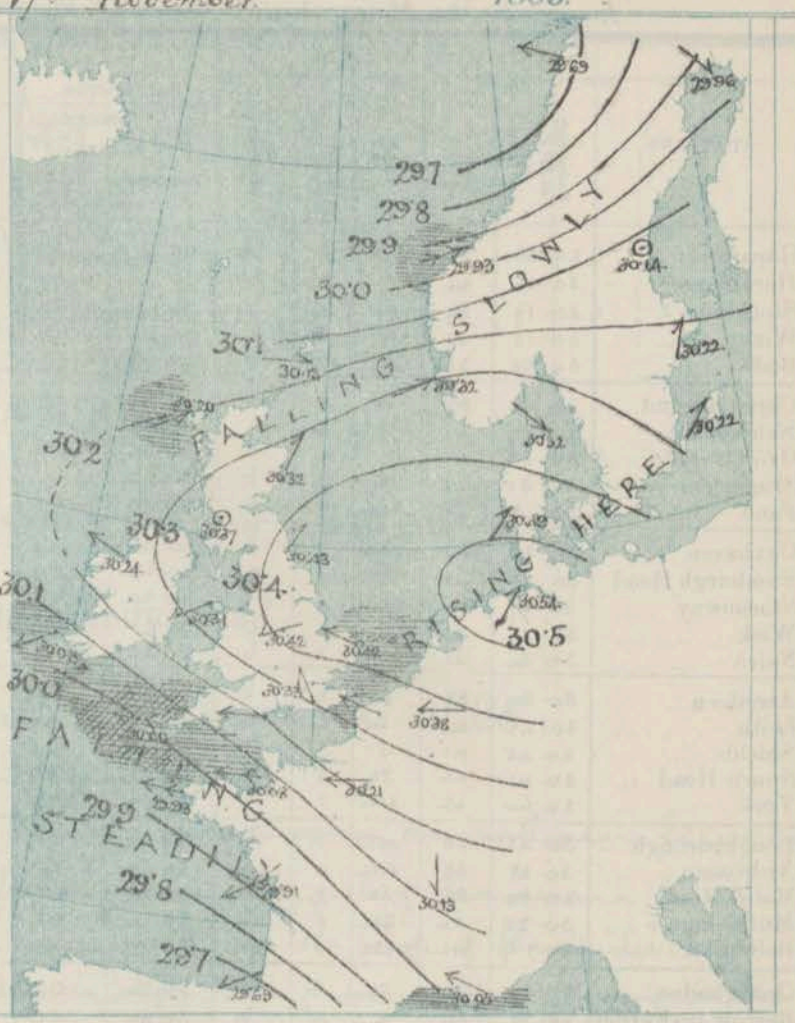
» ⟶ = forces above 10, ⟶ = forces 8 to 10;
⟶ = forces 5 to 7, ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance —— *where considerable, is shewn thus*
▭ = Rough. ▭ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

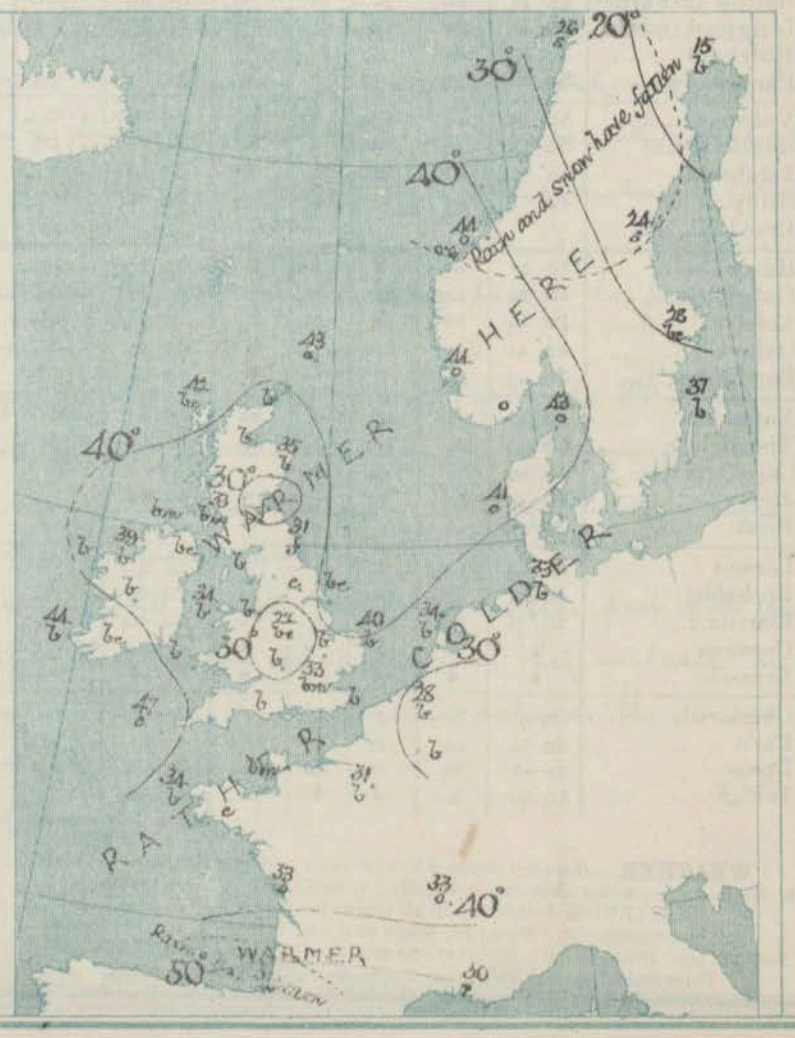
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of November

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 9 a.m. Dry.	At 9 a.m. Wet.	RAINFALL. (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Tuesday 17th November 1885, at 8 a.m.

An anticyclone still lies over the North Sea and our East coasts, but a large depression has appeared off the west of Norway, while a steady fall of the barometer has taken place over France; and gradients both to the northward and southward of the high pressure system have therefore become steeper. Moderate SW½W breezes generally in Scotland and strong breezes from the same quarter in the west of Norway, but elsewhere the wind is E½N or SE½E. Over the Bay of Biscay and western part of the Channel fresh E½N gales are blowing. Snow is falling at some of the Scandinavian stations, and rain in the south of France, but elsewhere the weather remains fine. Temperature has fallen a little at our eastern, southern, and the French stations, but risen in the north; readings now range from 47° at Scilly to 22° at Leith and Loughborough. Sharp frost occurred over Great Britain last night; at Leith the sheltered thermometer fell to 25°, and in London the grass minimum was 24°. The sea is high at Scilly, rough on our south-west coasts generally, and rather rough at Stornoway.

No important change is indicated at present, but the unsettled weather over France may possibly extend to our S.W. coasts.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 12th Inst. a whole gale from SE. shifting to W. was experienced in Lat. 48° N. Long 51° W. the barometer at 4 am falling to a minimum of 29.5 ins:.

FORECASTS

for the 24 hours ending at NOON on 18th November. 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW½W and W½W winds, freshening; cloudy, some rain.	6 SCOTLAND WEST	E½N to SE½E winds, moderate, fair Generally.
1 SCOTLAND EAST	S½W and SW½W winds, moderate, fair generally.	7 ENGLAND N.W.	------ Do ------ Do ------ Do ------
2 ENGLAND N.E.	------ Do ------ Do ------ Do ------	8 ENGLAND S.W	E½N or SE½N winds, strong, a gale in places; fair to cloudy and some rain.
3 ENGLAND EAST	SE½E winds, moderate or fresh; fine generally.	9 IRELAND NORTH	SE½E winds, fresh or strong, fair to cloudy and unsettled.
4 MIDLAND COUNTIES	------ Do ------ Do ------ Do ------	10 IRELAND SOUTH	Same as No 8.
5 ENGLAND SOUTH	E½N or SE½N winds, fresh, fine generally.	WARNINGS	The south cone is still flying in districts 8. 10 and part of 7.

Fredk Dangerfield, Lith. London, (131)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesmacs	30·34	44	40	WNW	5	c	3	Holyhead	30·34	42	38	ESE	8	b	2
Sumburgh Head	30·29	40	39	W	3	c	3	Valencia	30·06	49	44	ESE	6	bc	6
Stornoway	30·28	48	42	SSW	5	og	5	Scilly	30·07	47	42	ESE	9	b	7
Aberdeen	30·40	36	33	SW	3	b	1	Dungeness	30·36	42	39	ESE	5	b	4
Shields	30·43	43	38	S	4	c	3	London	30·39	48	36	E	4	bm	*
Ardrossan	30·38	41	38	E	2	b	2	Yarmouth	30·42	48	40	ESE	3	cv	3
Malin Head	30·26	41	39	SE	2	b	2	Jersey	30·17	42	39	E	6	b	5
Mullaghmore	30·25	44	44	SE	5	b	3	Rochefort	30·03	48	42	ENE	8	b	2
Belmullet	30·19	45	41	SSE	5	b	*								

REMARKS.

Very little change has occurred since the morning, but the barometer is inclined to fall in most places and the wind at Scilly has increased to a strong gale from E.S.E. The weather is dull in the north of Scotland, but generally fine elsewhere. The sea is high at Scilly, rough at Valencia, and rather so at Scilly and Stornoway.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Wednesday 18th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	29.54	23	SW	6	s	29.03	— .92	30	30	+ 15	SW	2	o	•	?	10	0.67
Hernösand	29.67	32	Z	o	o	29.34	— .80	34	32	+ 10	S	4	bc	•	36	19	0.04
Stockholm	29.94	35	WSW	4	o	29.70	— .52	39	36	+ 11	SW	6	o	•	?	25	—
Wisby	30.17	41	NW	8	o	29.95	— .27	41	37	+ 4	W	8	o	•	48	32	—
Bodö																	
Christiansund	29.59	42	SW	9	r	29.54	— .29	40	37	— 4	WSW	9	o	7	45	34	0.79
‡Skudesnaes	30.17	45	WSW	6	o	30.01	— .31	40	39	— 4	WNW	6	r	4	45	?	0.16
Oxö (Xtiansund)	30.22	43	WSW	6	o	29.99	— .35	45	41	+ 3	WSW	8	o	4	?	37	—
Skagen (The Skaw)	30.21	42	NW	5	o	29.98	— .34	43	39	0	W	6	o	4	43	41	—
Fanö	30.36	37	SW	4	b	30.18	— .31	38	36	— 3	SW	2	b	•	45	35	—
Cuxhaven	30.49	34	S	1	b	30.27	— .27	30	30	— 3	SSE	2	b	•	35	27	—
‡Sumburgh Head	30.02	47	W	5	o	30.08	— .05	38	36	— 5	NNW	3	o	3	47	37	0.23
‡Stornoway	30.19	42	SSW	4	c	30.12	— .08	39	39	— 3	WNW	2	c	1	45	34	—
Wick	30.17	38	Z	o	b	30.13	— .10	39	39	+ 6	N	1	o	o	40	30	—
Nairn	30.18	35	SW	1	b	30.13	— .12	26	26	— 7	SW	1	b	1	42	24	—
‡Aberdeen	30.22	29	S	1	b	30.17	— .15	21	20	— 14	WSW	2	b	1	39	18	—
Leith	30.28	25	SE	1	fbmv	30.14	— .24	27	27	+ 5	Z	0	f	•	32	18	—
‡Shields	30.30	38	SSW	1		30.17	— .31	30	29	— 1	SW	1	f	2	41	26	—
Spurn Head	30.26	43	E	5	b	30.05	— .36	43	41	+ 1	ESE	4	b	4	44	41	—
York	30.30	36	SE	1	b	30.10	— .34	28	28	— 6	N	1	b	•	44	24	—
Loughborough	30.24	38	ENE	1	b	30.06	— .36	26	26	+ 4	NE	2	b	•	44	22	—
‡Ardrossan	30.27	38	NE	1	bf	30.09	— .28	28	27	— 5	NNE	4	bf	2	40	26	—
Malin Head	30.19	39	SE	3	bm	30.06	— .22	41	38	+ 5	ENE	3	bm	3	44	34	—
‡Mullaghmore	30.16	41	E	5	b	30.02	— .22	38	36	— 1	E	5	b	3	45	37	—
‡Belmullet	30.14	38	SE	4	b	30.00	— .22	35	33	+ 1	NE	•	b	•	43	32	—
Donaghadee	30.23	44	SE	4	b	30.07	— .27	41	37	— 1	ESE	4	b	2	44	40	—
Barrow-in-Furness	30.23	36	NE	3	b	30.06	— .33	33	32	— 1	NNE	1	b	•	41	32	—
Liverpool (Bidston)	30.21	37	E	4	b	30.05	— .33	32	31	— 2	E	1	bf	2	40	32	—
‡Holyhead	30.15	39	ENE	5	b	29.98	— .33	36	35	+ 2	ENE	5	b	4	41	? 34	—
Parsonstown	30.10	38	E	1	b	29.96	— .29	34	33	— 3	E	1	b	•	45	29	—
‡Valencia	29.96	44	ENE	5	b	29.90	— .18	35	34	— 9	W	1	bcm	1	51	32	—
Roche's Point	30.03	41	E	4	b	29.89	— .27	40	37	— 4	ENE	3	c	4	48	37	—
Pembroke	30.03	39	ENE	5	b	29.87	— .34	35	32	— 1	E	4	bc	2	44	34	—
‡Scilly	29.84	47	E	8	o	29.69	— .31	50	48	+ 3	E	8	o	6	50	45	0.02
Prawle Point	29.93	44	ENE	4	c	29.80	— .33	42	42	— 1	NE	7	om	6	45	39	0.01
Hurst Castle	30.06	39	E	8	b	29.89	— .31	38	37	0	E	6	c	4	43	37	—
‡Dungeness	30.12	40	ESE	5	b	29.95	— .36	36	35	0	ESE	4	b	4	43	34	—
‡London	30.15	36	E	2	b	29.98	— .35	34	32	+ 1	ENE	2	b	•	43	32	—
Oxford	30.14	38	NE	2	b	29.99	— .36	27	26	— 1	NE	1	b	•	42	26	—
Cambridge	30.22	32	NE	1	b	30.01	— .37	27	26	— 3	NE	1	b	•	42	24	—
‡Yarmouth	30.25	42	E	6	b	30.04	— .38	40	37	0	ESE	5	b	5	42	38	—
The Helder	30.33	34	ESE	1	b	30.13	— .37	33	32	— 1	E	1	b	1	37	?	—
Cape Gris Nez	30.08	32	E	8	b	29.96	?	31	?	+ 3	E	4	b	3	36	27	—
‡Jersey	29.90	39	E	8	bcm	29.77	— .31	40	?38	+ 8	ENE	4	ogm	4	40	32	—
Brest	29.76	39	E	7	o	29.70	— .23	44	42	+ 10	E	4	o	4	?	30	0.12
Lorient	29.77	41	E	8	o	29.65	— .29	45	43	+ 13	E	7	o	4	46	30	—
‡Rochefort	29.75	46	ESE	7	o	29.72	— .19	51	49	+ 18	ESE	5	o	2	?	?	0.24
Biarritz	29.67	64	S	5	o	29.56	— .13	61	51	+ 9	E	3	c	1	68	48	0.04
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.97	— .41	27	27	— 1	ESE	1	b	•	37	23	—
Charleville	? 30.25	33	SSW	4	b	? 30.05	— .19	29	29	— 2	SE	7	b	•	42	28	—
Paris	30.07	37	NE	4	bc	29.94	— .27	34	32	+ 3	E	4	bc	•	*	*	—
Lyons	30.12	35	N	1	o	29.95	— .15	42	41	+ 9	E	1	r	•	42	?	0.28
Toulon	30.08	47	SE	9	r	30.03	— .02	46	42	— 4	ESE	9	o	7	50	45	0.08

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 (dry); 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Thingerfield Ltd. London

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 18TH NOVEMBER 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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.

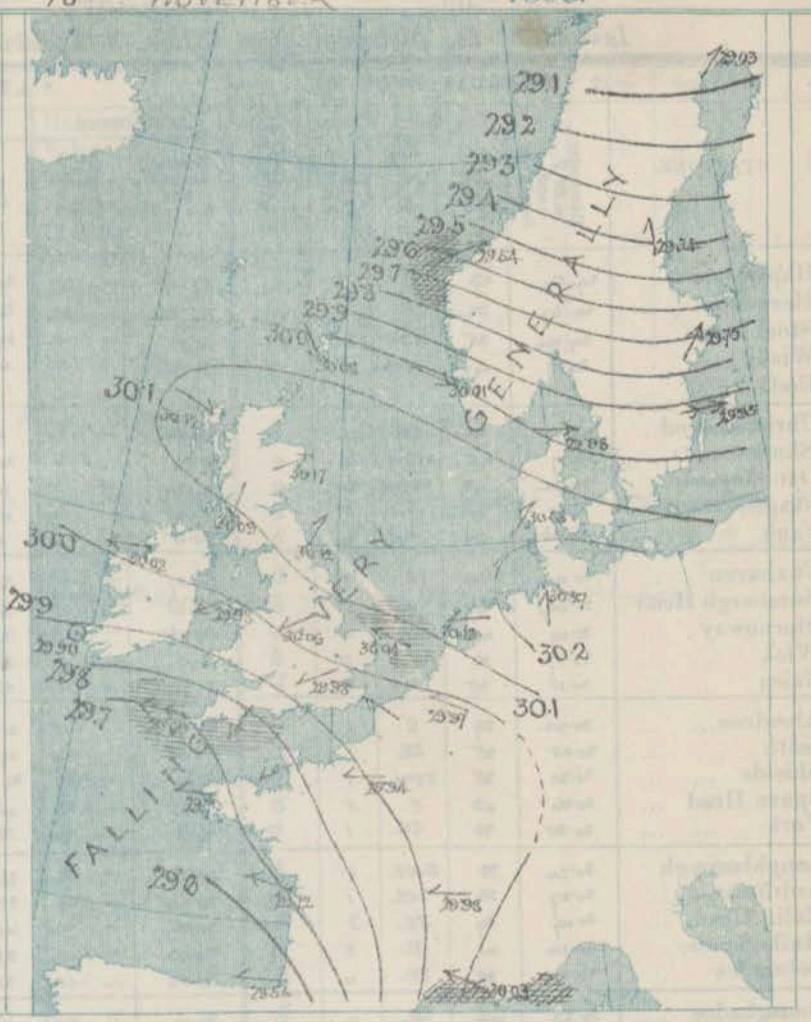
Sea Disturbance — *where considerable, is shown thus*

▱ = Rough. ▰ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of **November**
During the 10 Years 1871 — 1880.

STATIONS.	MEAN READINGS. (in.)
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

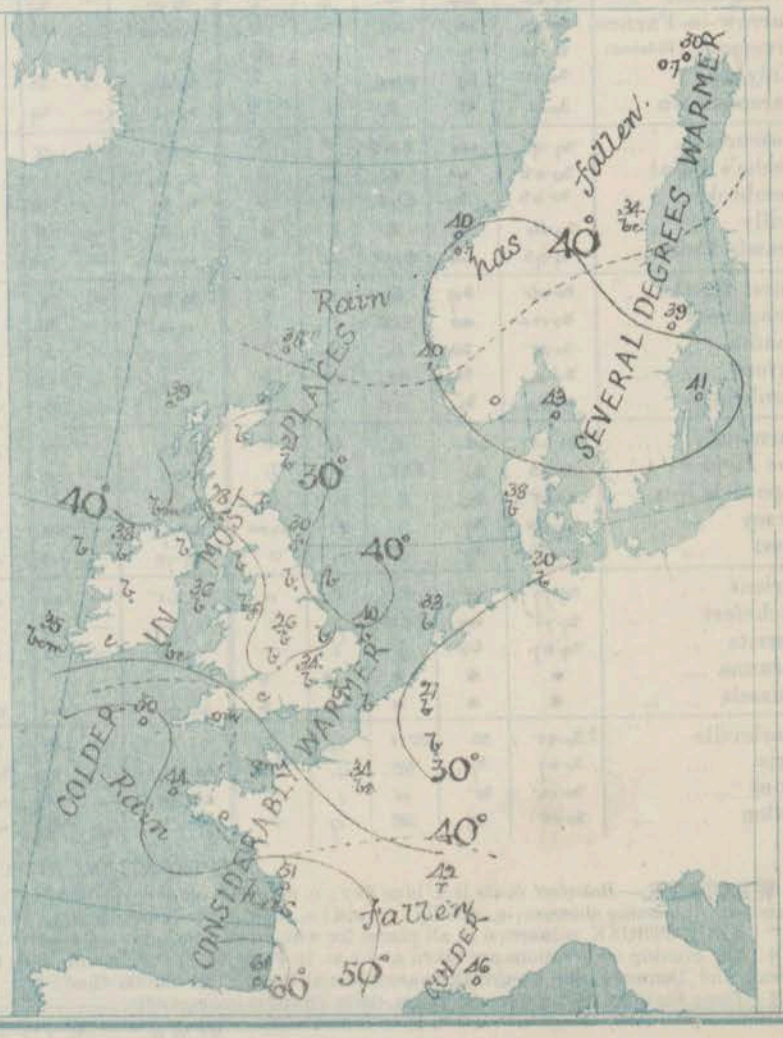
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of **November**

STATIONS	TEMPERATURE. Daily Max	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet	RAINFALL. (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	42·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·8	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871–80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Wednesday 18th November 1885, at 8 a.m.

An anticyclone is now lying over the North Sea and our northern coasts, but the barometer is falling generally, and while an area of low-pressure is still found over Spain and the Bay of Biscay, a large and deep depression has appeared over Scandinavia. SW^ly and W^ly gales are reported at many of the Norwegian and Swedish stations, and light airs from the same quarters in Scotland, but over England, Ireland and France it remains E^ly and at the mouth of the Channel it still blows a fresh gale. The weather is dull in the extreme north and also at our southwestern and the French stations, but elsewhere the sky is clear or nearly so; fog is, however, reported on our northeastern coasts. Temperature has fallen in most parts of our Islands, but risen several degrees in Sweden and France; readings now range from 50° at Scilly to 21° at Aberdeen. Sharp frost occurred last night in many places; at Aberdeen and Leith the sheltered thermometer fell to 18°, and in London the grass minimum was 24°. The sea is rough in the eastern part of the Channel, rather rough at Yarmouth, moderate to smooth elsewhere.

The depression over Scandinavia will probably pass away to the eastward, but the low-pressure area over the Bay of Biscay is apparently increasing in depth.

FORECASTS

For the 24 hours ending at NOON on 19th November *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 {SCOTLAND NORTH	W^ly winds, light or moderate, fair generally	6 {SCOTLAND WEST	E^ly winds, freshening; fair generally.
1 {SCOTLAND EAST	Light variable airs; fine, cold. Local fogs	7 {ENGLAND N.W.	------D°------D°------
2 {ENGLAND N.E.	E^ly winds, freshening; fine to cloudy and unsettled.	8 {ENGLAND S.W	E^ly strong winds and gales; cloudy some cold rain
3 {ENGLAND EAST	Same as N° 5.	9 {IRELAND NORTH	Same as N^os 6 and 7
4 {MIDLAND COUNTIES	Same as N° 2.	10 {IRELAND SOUTH	Same as N^os 6 and 7
5 {ENGLAND SOUTH	E^ly winds, increasing in force; fair to unsettled with sleet or cold rain.	WARNINGS	The North cone was hoisted last evening in districts 3, 5 and part of 2 and this morning in district 8.

Fredk Dangerfield, Lith., London, (131.)

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

	Bar.	Dry.	Wet.	Wind		Wea.	Sea.
Skudesmars	30·26	45	40	SW	Y	o	4
Sumburgh Head	30·05	46	45	W	5	o	4
Stornoway	30·19	45	43	SSW	5	bc	5
Aberdeen	30·24	37	34	SSW	3	b	1
Shields	30·34	41	38	SSW	3	bm	3
Ardrossan	30·24	40	38	ENE	1	b	2
Malin Head	30·21	41	38	SE	3	b	3
Mullaghmore	30·20	44	40	E	5	b	3
Belmullet	30·17	43	38	E	3	b	*

	Bar.	Dry.	Wet.	Wind		Wea.	Sea.
Holyhead	30·22	41	37	E	3	b	2
Valencia	30·12	50	48	E	5	b	5
Scilly	29·98	48	45	E	9	c	7
Dungeness	30·19	40	37	ESE	5	b	5
London	30·21	43	38	ESE	3	b	*
Yarmouth	30·32	42	38	ESE	5	b	5
Jersey	29·94	39	36	E	7	bc	6
Rochefort	29·84	39	38	ESE	8	r	3

REMARKS.

The distribution of pressure remains unchanged, but the barometer is falling generally—most in the south of England. A strong E^te^ gale is blowing at Scilly, but the weather continues fine at all stations excepting Sumburgh Head, where the sky is overcast. The sea is high at Scilly, rather rough in the south-east, south, and south-west generally as well as at Stornoway.

The Subscription for these Reports, forwarded by book post is £1- per annum, payable in advance.

DAILY WEATHER REPORT

for Thursday 19th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12)	Weather.	Sea. (0 to 9).	Max.	Min.	Amount of Rainfall.
Haparanda	29.17	19	N	6	o	29.58	+.55	8	5	-22	N	4	b	•	30	?0	0.04
Hernösand	29.34	34	NW	6	b	29.61	+.27	24	22	-10	ENE	6	bc	•	41	?	-
Stockholm	29.54	34	W	8	b	29.61	-.09	32	28	-4	WNW	6	b	•	45	?	-
Wisby	29.76	42	W	8	bc	29.70	-.25	38	33	-3	NW	6	b	•	43	32	-
Bodö	29.34	24	E	4	s	29.79	+.99	21	17	-10	ENE	2	b	1	?	18	-
Christiansund	29.83	36	NW	8	c	29.97	+.43	35	33	-5	NW	8	c	4	?	30	0.43
‡Skudesnaes	30.00	39	NW	6	c	30.10	+.09	36	33	-4	NNW	4	o	3	?	?	-
Oxö (Xtiansand)	29.95	39	W	6	o	30.00	+.01	36	32	-9	WNW	4	c	2	45	36	-
Skagen (The Skaw)	29.86	42	WNW	5	b	29.94	-.04	39	34	-4	N	3	b	3	43	39	-
Fanö	29.99	34	NNW	2	o	30.02	-.16	34	33	-4	NW	2	b	•	41	34	-
Cuxhaven	30.12	34	SSE	2	b	30.04	-.23	40	39	+10	NNE	2	b	•	40	?	-
‡Sumburgh Head	30.15	38	N	3	c	30.21	+.13	35	31	-3	N	2	o	2	40	32	-
‡Stornoway	30.14	43	ENE	4	o	30.14	+.02	38	37	-1	ESE	5	b	4	45	36	-
Wick	30.17	37	NE	1	bc	30.23	+.10	38	35	-1	E	2	o	2	40	36	-
Nairn	30.13	35	Calm	0	o	30.18	+.05	37	36	+11	E	1	o	1	40	26	-
‡Aberdeen	30.13	38	N	2	om	30.20	+.03	36	34	+15	Calm	0	om	1	39	20	0.04
Leith	30.10	31	SE	1	c	30.14	.00	40	39	+13	SE	1	c	•	43	26	-
‡Shields	30.05	44	SW	1	b	30.11	-.01	44	40	+14	NE	3	o	3	45	28	-
Spurn Head	29.98	43	ENE	4	b	30.04	-.01	46	43	+3	ENE	5	c	5	46	42	-
York	30.03	35	N	1	b	30.09	-.01	34	33	+6	NNE	1	f	•	43	28	-
Loughborough	29.98	38	NE	2	o	30.01	-.05	31	31	+5	WNE	2	bcm	•	42	26	-
‡Ardrossan	30.06	36	NE	4	b	30.11	+.02	37	36	+9	NE	3	bmw	2	38	24	-
Malin Head	30.00	42	ESE	3	b	30.04	-.02	43	42	+2	ESE	4	cm	3	46	40	-
‡Mullaghmore	29.97	40	E	5	b	29.98	-.04	40	39	+2	E	6	c	4	44	37	-
‡Belmullet	29.94	38	NE	4	b	29.96	-.04	37	36	+2	NE	3	c	2	44	32	-
Donaghadee	30.02	43	E	5	b	30.05	-.02	44	42	+3	ESE	4	bc	4	45	40	-
Barrow-in-Furness	29.99	39	NE	3	b	30.05	-.01	39	37	+6	NE	1	bc	•	44	32	-
Liverpool (Bidston)	29.99	37	E	2	b	30.02	-.03	38	36	+6	ENE	3	bf	2	39	32	-
‡Holyhead	29.92	39	ENE	5	bm	29.98	.00	40	39	+4	ENE	5	bcmw	4	41	36	-
Parsonstown	29.92	37	ENE	1	b	29.95	-.01	37	35	+3	NE	1	c	•	44	33	-
‡Valencia	29.83	44	NNE	1	og	29.86	-.04	45	42	+10	NNE	1	ogm	1	46	34	-
Roche's Point	29.84	45	ENE	4	c	29.83	-.06	43	42	+3	E	4	d	4	47	40	0.01
Pembroke	29.82	42	E	4	n	29.87	.00	39	39	+4	ENE	4	cg	3	42	34	-
‡Scilly	29.68	49	ENE	6	o	29.72	+.03	48	47	-2	E	7	o	6	51	45	0.21
Prawle Point	29.76	42	NE	6	o	29.78	-.02	42	41	0	NE	5	ogm	5	44	39	0.10
Hurst Castle	29.83	40	ENE	5	cm	29.85	-.04	40	38	+2	NE	5	m	4	48	37	-
‡Dungeness	29.87	41	ESE	4	b	29.86	-.09	46	44	+9	E	4	c	4	45	36	-
‡London	29.92	37	E	3	bcm	29.92	-.06	41	39	+7	ENE	3	o	•	44	32	-
Oxford	29.93	32	NE	1	bc	29.96	-.03	33	33	+6	NE	2	bc	•	40	24	-
Cambridge	29.94	32	E	1	b	30.00	-.01	30	30	+3	N	1	b	•	40	25	-
‡Yarmouth	29.96	40	E	4	b	29.98	-.06	42	38	+2	ENE	6	b	6	42	38	-
The Helder	30.00	34	E	1	b	30.03	-.10	36	35	+3	E	1	b	1	37	?	-
Cape Gris Nez																	
‡Jersey	29.80	43	ENE	4	omx	29.72	-.05	45	45	+5	ENE	4	cgm	4	45	40	0.10
Brest	29.65	48	E	5	n	29.63	-.04	49	46	+3	E	4	o	3	48	32	0.85
Lorient	29.62	48	E	4	n	29.63	-.02	49	48	+4	E	4	o	3	50	39	0.32
‡Rochefort	29.65	54	ESE	6	n	29.66	-.06	50	49	-1	ESE	5	o	2	55	45	0.04
Biarritz	29.51	56	ESE	4	n	29.66	.00	59	54	-4	Calm	0	o	1	64	52	0.16
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.93	-.04	34	32	+7	ENE	3	o	•	38	?	-
Charleville	? 29.95	38	SSE	4	c	? 29.91	-.14	40	35	+11	ESE	1	o	•	42	29	-
Paris	29.82	44	NE	4	b	29.83	-.11	40	37	+6	ENE	3	o	•	*	*	-
Lyons	29.84	46	E	1	o	29.84	-.14	43	41	+1	NW	1	c	•	50	42	-
Toulon	29.92	46	SE	9	o	29.85	-.18	46	44	0	E	9	o	7	48	?	0.20

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Edw.d Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Thursday, 19th November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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.

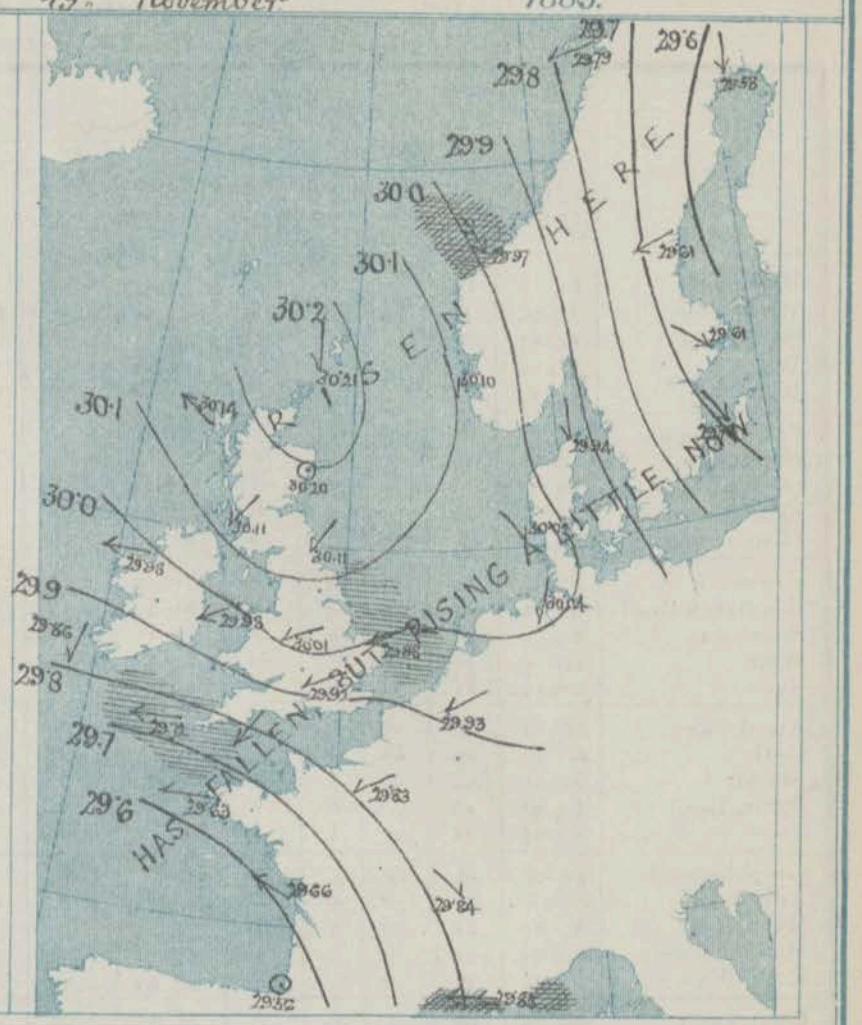
Sea Disturbance — *where considerable, is shewn thus*

▒ = Rough. ▓ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. Bar.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·856



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

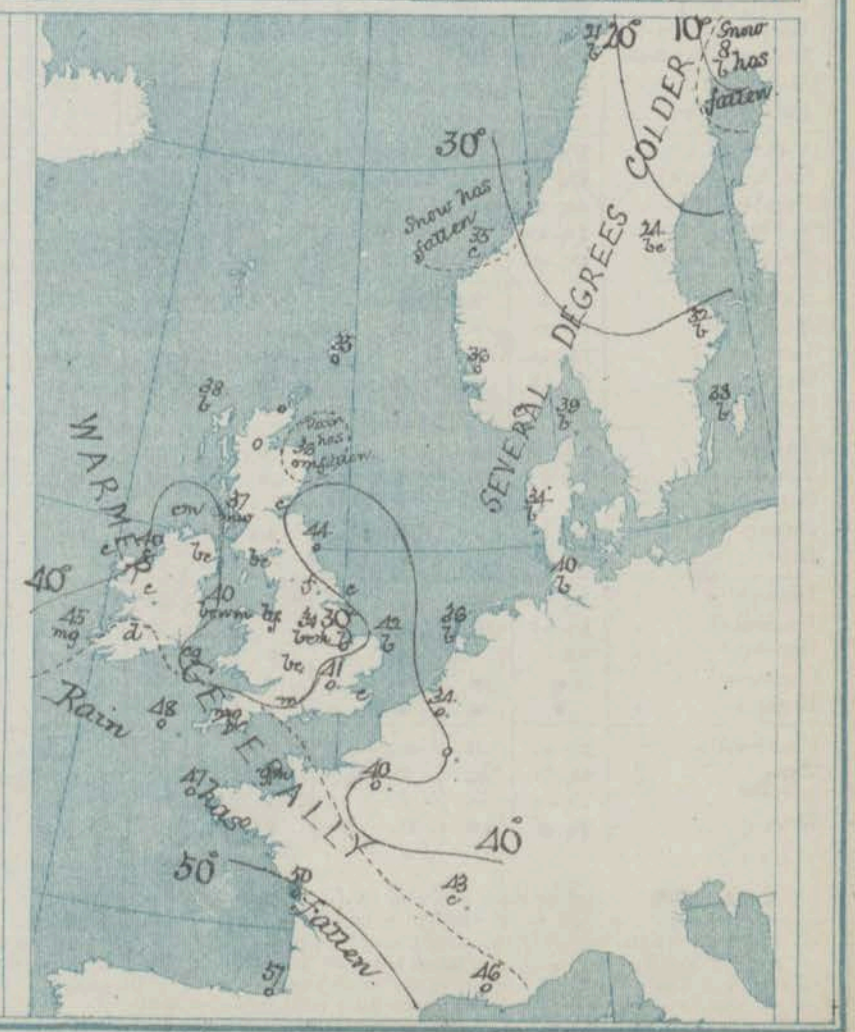
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of November

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 9 a.m. Dry.	At 9 a.m. Wet.	RAINFALL. (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Thursday 19th November 1885, at 8 a.m.

The deep depression which lay off the west of Norway yesterday has passed quickly away to the eastwards and the barometer has risen at all the Scandenavian as well as at our own northern stations. Elsewhere, however, the barometer has fallen slowly, and an area of low pressure still lies over the Bay of Biscay. Fresh or strong NW$^{ly}_{ly}$ winds prevail in Sweden and Norway, but in our Islands and France the wind is generally E$^{ly}_{ly}$, and at some of our southern stations it still blows strongly. The weather is dull in France and the south of our Islands, as well as in the extreme north, but fine in most other localities. Since yesterday rain has fallen at most of our south-western and the French stations. Temperature has fallen in Scandinavia and Denmark, but risen elsewhere; readings now range from 48° at Scilly to 30° at Cambridge. The sea is rough in the Channel, and also off the east of England, but moderate to smooth elsewhere.

No important change in the weather is likely at present, but rain is probable at some of our southern and south-eastern stations.

FORECASTS

for the 24 hours ending at NOON on 20th November. *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	E$^{ly}_{ly}$ and SE$^{ly}_{ly}$ Winds, moderate; fair generally.	6 SCOTLAND WEST	E$^{ly}_{ly}$ winds, light; fair, local fogs.
1 SCOTLAND EAST	------D°--------D°--------D°----	7 ENGLAND N.W.	Same as N° 2
2 ENGLAND N.E.	E$^{ly}_{ly}$ and NE$^{ly}_{ly}$ Winds, moderate or fresh; fair generally.	8 ENGLAND S.W	Same as N° 5
3 ENGLAND EAST	Same as N° 5	9 IRELAND NORTH	E$^{ly}_{ly}$ winds, fresh; fair generally.
4 MIDLAND COUNTIES	Same as N° 2	10 IRELAND SOUTH	E$^{ly}_{ly}$ and NE$^{ly}_{ly}$ winds, moderate; dull, rain locally.
5 ENGLAND SOUTH	E$^{ly}_{ly}$ and NE$^{ly}_{ly}$ winds, fresh or strong; dull, rain locally.	WARNINGS	The north cone is still flying in districts 3.5 and 8.

Fredk Dangerfield, Lith. London, (13).

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.99	39	37	WNW	4	o h q	4	Holyhead	29.93	40	37	ENE	5	bm	4
Sumburgh Head	30.12	39	35	N	3	c	3	Valencia	29.83	44	41	NNW	1	c	1
Stornoway	30.12	45	45	NE	4	o m	3	Scilly	29.66	51	50	SE	7	o	6
Aberdeen	30.12	33	31	SW	1	b	1	Dungeness	29.89	41	39	ESE	4	c	3
Shields	30.05	45	42	SE	1	c	2	London	29.92	42	38	SE	2	c m	*
Ardrossan	30.05	34	34	NNE	4	b	2	Yarmouth	29.98	41	38	E	4	b	4
Malin Head	30.01	45	41	ENE	3	b	3	Jersey	29.72	42	42	ENE	3	o	3
Mullaghmore	29.98	43	39	E	5	b	3	Rochefort	29.69	54	53	ESE	5	o	2
Belmullet	29.95	43	40	NE	2	b	*								

REMARKS.

The barometer continues to fall at all but our extreme northern stations, but no important change is shown in the winds. Fair weather prevails in most places and temperature over southern England is apparently rising.

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

The Subscription for these Reports, forwarded by book post is £1-0 per annum, payable in advance.

DAILY WEATHER REPORT

for Friday 20th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 6).	Max.	Min.	Amount of Rainfall.
Haparanda	29.84	4	N	2	b	29.87	+.29	1	1	- 1	N	2	b	•	10	?	-
Hernösand	30.09	14	N	2	b	30.08	+.47	19	16	- 5	S	2	c	•	36	16	-
Stockholm	30.00	24	NNW	6	b	30.22	+.61	19	18	- 13	W	2	b	•	34	?	-
Wisby	29.89	32	NW	6	c	30.19	+.49	30	29	- 8	NNE	4	b	•	41	30	-
Bodö	29.95	20	ENE.	2	s	29.96	+.17	22	21	+ 1	E	2	b	1	43	?	-
Christiansund	30.10	35	NEW	6	h	30.16	+.19	35	34	0	SW	4	h	5	36	30	0.12
‡Skudesnaes	30.21	30	NNE	2	bc	30.23	+.13	36	33	0	ENE	4	c	3	?	34	-
Oxö (Xtiansand)	30.19	32	NNW	2	b	30.24	+.24	31	30	- 5	N	4	c	2	41	30	-
Skagen (The Skaw)	30.15	39	NNE	1	b	30.27	+.33	36	31	- 3	SSW	2	b	0	41	36	-
Fanö	30.18	30	S	2	b	30.26	+.24	28	27	- 6	SE	2	b	•	39	28	-
Cuxhaven	30.11	38	N	2	b	30.26	+.22	30	30	- 10	SE	2	f	•	?	30	-
‡Sumburgh Head	30.22	36	NNE	1	bc	30.12	-.09	41	37	+ 6	SSE	3	c	3	41	33	-
‡Stornoway	30.11	41	SE.	4	c	29.98	-.16	29	29	- 9	SE	0	bc	0	43	28	-
Wick	30.18	40	S	3	o	30.05	-.18	42	40	+ 4	S	5	bc	3	43	38	-
Nairn	30.15	33	SSW	1	c	30.00	-.18	34	32	+ 3	SE	1	bc	1	40	30	-
‡Aberdeen	30.19	39	E	3	cp	30.09	-.11	40	38	+ 4	SSE	4	cp	3	41	34	0.04
Leith	30.15	34	SE	1	b	30.04	-.10	41	39	+ 1	ESE	1	c	•	43	34	-
‡Shields	30.14	43	E	2	bcp	30.06	-.05	44	42	0	SE	4	o	3	44	40	0.02
Spurn Head	30.06	45	ENE	5	c	30.04	.00	43	41	- 3	ESE	5	c	5	46	41	-
York	30.12	42	NE	1	o	30.06	-.03	41	39	+ 1	E	1	m	•	43	32	0.02
Loughborough	30.04	38	ENE	1	b	30.01	.00	39	34	+ 8	E	2	oq	•	48	31	-
‡Ardrossan	30.11	39	NE	2	om	29.99	-.12	34	34	0	NE	3	om	2	42	36	-
Malin Head	30.01	43	ESE	5	o	29.92	-.12	42	41	- 1	ESE	3	oqm	3	44	41	0.16
‡Mullaghmore	29.98	44	E	5	oq	29.82	-.16	44	43	+ 4	ENE	4	oq	3	46	40	0.25
‡Belmullet	29.94	43	SE	5	om	29.77	-.19	43	42	+ 6	NE	5	ou	•	43	36	0.34
Donaghadee	30.01	45	E	4	bc	29.94	-.11	45	42	+ 1	SE	5	c	3	45	43	-
Barrow-in-Furness	30.09	42	ENE	4	c	29.99	-.06	39	38	0	NE	2	o	•	44	34	-
Liverpool (Bidston)	30.04	40	ENE	4	b	29.96	-.06	40	36	+ 2	E	4	o	3	44	38	-
‡Holyhead	29.99	42	ENE	6	cmq	29.85	-.10	44	42	+ 4	ENE	4	o	2	45	40	-
Parsonstown	29.94	42	SE	1	h	29.81	-.14	44	42	+ 4	SSE	1	o	•	45	36	0.16
‡Valencia	29.84	46	E	1	hmq	29.72	-.14	50	49	+ 5	E	3	omq	2	51	44	0.06
Roche's Point	29.86	46	E	5	o	29.76	-.07	49	48	+ 6	ESE	5	d	4	49	41	0.02
Pembroke	29.88	44	E	3	c	29.84	-.03	44	40	+ 5	ESE	5	oq	4	45	39	-
‡Scilly	29.75	50	E	4	om	29.74	+.01	52	50	+ 4	ESE	6	o	5	52	45	0.01
Prawle Point	29.83	46	NE	5	c	29.81	+.03	46	45	+ 4	NE	4	oq	4	48	41	-
Hurst Castle	29.88	45	ENE	4	bc	29.86	+.01	44	42	+ 4	E	4	o	3	50	34	-
‡Dungeness	29.91	46	E	5	o	29.92	+.06	43	41	- 2	E	4	c	3	47	42	-
‡London	29.97	44	E	3	o	29.94	+.02	42	41	+ 1	ENE	4	o	•	46	41	-
Oxford	30.00	40	NE	3	o	29.93	-.03	42	40	+ 9	ENE	2	o	•	42	33	0.01
Cambridge	30.02	35	E	1	b	29.98	-.02	41	39	+ 11	E	1	o	•	43	28	-
‡Yarmouth	30.05	43	ENE	1	b	30.04	+.06	42	40	0	E	5	b		44	40	-
The Helder	30.12	37	E	3	b	30.09	+.06	32	31	- 4	E	4	b		? 41	32	-
Cape Gris Nez	29.92	37	NE	1	b	29.91		34	?		E	4	c	3	43	34	-
‡Jersey	29.79	46	ENE	3	oq	29.79	+.04	43	43	- 2	E	3	om	3	49	42	-
Brest	29.73	52	ENE	4	o	29.76	+.13	48	47	+ 1	E	3	b	3	54	46	-
Lorient	29.69	54	ESE	4	o	29.76	+.13	49	49	- 2	E	4	m	3	59	43	-
‡Rochefort	29.77	54	SE	3	o	29.81	+.15	52	51	+ 2	SE	1	o	1	..	36	-
Biarritz	29.69	56	W	3	c	29.75	+.19	56	54	- 2	SW	4	h	1	61	54	0.16
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30.03	+.10	30	28	- 1	E	1	b	•	42	24	-
Charleville	29.97	42	SSE	1	o	29.98	+.07	60	29	- 10	SSE	4	b	•	46	?	-
Paris	29.84	46	NE	3	c	29.88	+.05	42	39	+ 2	ESE	1	c	•	•	•	-
Lyons	29.88	45	N	3	c	29.91	+.04	42	42	- 1	NNE	1	nf	•	51	40	0.12
Toulon	29.82	48	E	8	h	29.83	-.02	51	50	+ 5	SE	5	h	6	52	?	1.14

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Dangerfield Ltd. London

WEATHER CHARTS

for 8 a.m. on Friday, 20th November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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.

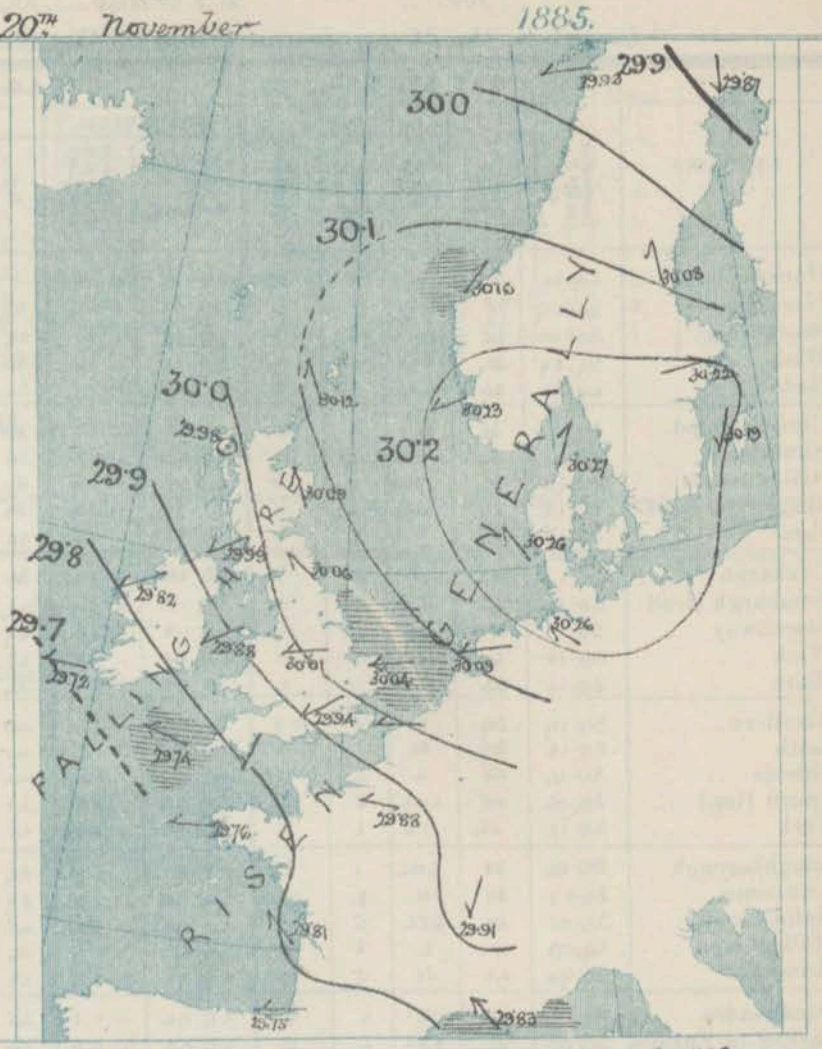
Sea Disturbance — *where considerable, is shewn thus*

▭ = Rough. ▭ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of **November**
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29 · 724
Stornoway	29 · 755
Wick	29 · 767
Nairn	29 · 786
Aberdeen	29 · 782
Leith	29 · 820
Shields	29 · 830
York	29 · 847
Ardrossan	29 · 824
Donaghadee	29 · 832
Holyhead	29 · 845
Liverpool	29 · 862
Valencia	29 · 880
Roche's Point	29 · 875
Pembroke	29 · 867
Scilly	29 · 899
Hurst Castle	29 · 885
Dover	29 · 882
LONDON	29 · 885
Oxford	29 · 888
Cambridge	29 · 878
Yarmouth	29 · 855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

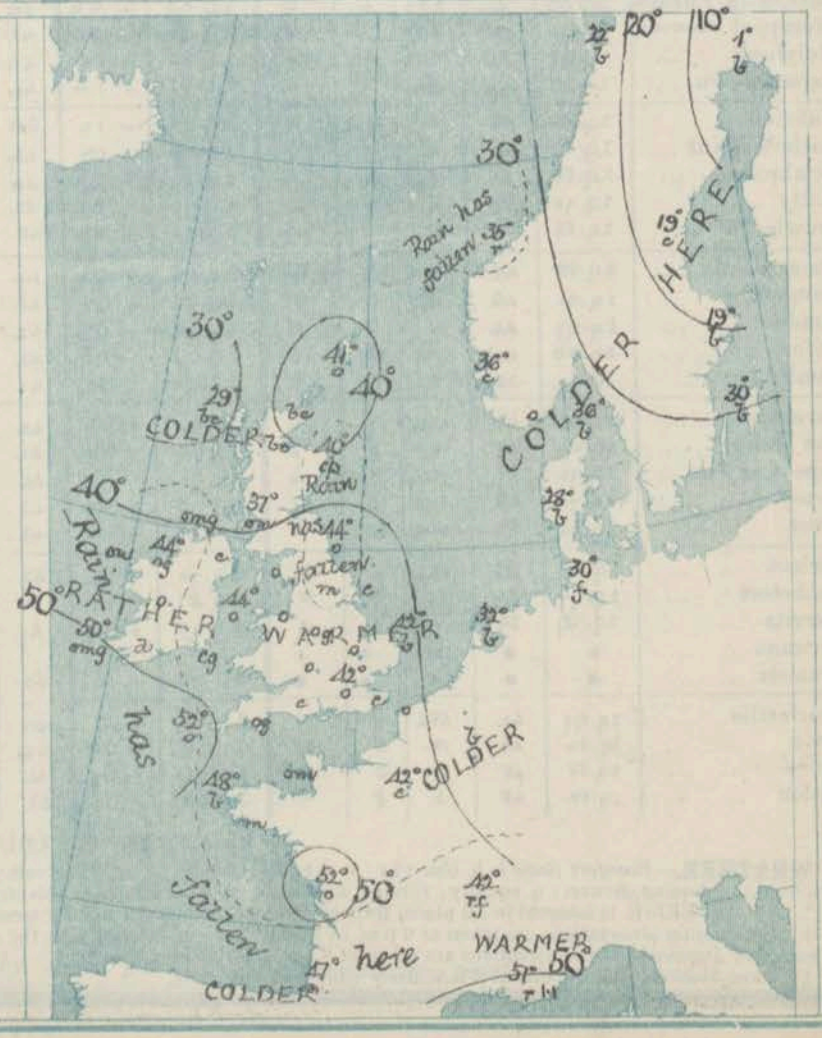
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of **November**

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL. (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Friday 20th November. 1885, at 8 a.m.

In the course of the past twenty four hours the barometer has continued to rise at our extreme south-eastern and the Continental stations, and a large anticyclone in which readings exceed 30·2 ins: now lie over Denmark and the south of Scandinavia. On our western and northern coasts, however, the barometer has fallen locally, and moderate gradients for SE^{ly} winds now prevail over the whole of the United Kingdom. The wind is variable in Sweden and Norway, but E^{ly} at our south-eastern stations and SE^{ly} elsewhere; in force it is generally moderate to fresh. The weather is fine in Sweden, Denmark, the Netherlands, and some parts of Scotland, but cloudy or overcast elsewhere, with rain at Rockenpoint and passing showers at Aberdeen. Temperature has risen a few degrees over England and Ireland, and reading now ranges from 52° at Scilly to 29° at Stornoway. The sea is rough off the east of England, rather rough at Scilly, moderate to smooth elsewhere.

Gradients for SE^{ly} winds are likely to become steeper, but there is at present no sign of any definite depression.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 15th Inst a strong gale from SE. shifting to W. was experienced in Lat: 44° N. Long 58° W. the barometer at 3pm falling to a minimum of 29·6 ins:

FORECASTS

For the 24 hours ending at NOON on 21st November. 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE^{ly} and S^{ly} winds, moderate; fine to cloudy and some rain.	6 SCOTLAND WEST	E^{ly} winds, moderate, to SE^{ly}, fresh; cloudy, some rain.
1 SCOTLAND EAST	------D°--------D°--------D°----	7 ENGLAND N.W.	------D°--------D°--------D°----
2 ENGLAND N.E.	Same as No 5	8 ENGLAND S.W	E^{ly} to SE^{ly} winds, fresh or strong; dull, some rain.
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	------D°--------D°--------D°----
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	------D°--------D°--------D°----
5 ENGLAND SOUTH	E^{ly} and SE^{ly} Winds, moderate or fresh; cloudy, rain locally.	WARNINGS	None issued.

Fredk Dangerfield, Lith. London, (13).

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·15	36	34	N	8	c	3
Sumburgh Head	30·23	36	32	N	1	c	1
Stornoway	30·13	42	40	SE	4	c	4
Aberdeen	30·20	41	37	E	2	o	1
Shields	30·13	43	41	E	2	c/p	3
Ardrossan	30·12	41	39	NE	2	o	1
Malin Head	30·02	45	43	S	3	o	4
Mullaghmore	29·98	44	42	E	5	cm	3
Belmullet	29·94	42	40	E	5	c	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	29·98	44	41	ENE	6	c q	5
Valencia	29·85	46	45	NE	2	o q d	2
Scilly	29·74	50	49	E	7	o m	6
Dungeness	29·88	46	45	E	4	o	4
London	29·95	46	43	E	3	o m	*
Yarmouth	30·02	44	42	ENE	6	b	6
Jersey	29·75	48	47	ENE	3	o	3
Rochefort	29·72	60	54	SE	4	c	2

REMARKS.

The barometer is falling a little in the west of Ireland and also at Stornoway, but rising elsewhere. The winds are unchanged, but cloudy weather has become more general than of late; showers are falling at Shields and drizzling rain at Valencia. The sea is rough at Scilly and Yarmouth, rather so at Holyhead, moderate to smooth elsewhere.

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DAILY WEATHER REPORT

for Saturday 21st November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	29.88	1	NW	0	b	29.87	.00	?	?	?	NW	0	f	*	14	0	-
Hernösand	30.04	24	NW	0	0	29.83	-.25	34	30	+18	NW	0	c	*	*39	12	-
Stockholm	30.17	30	WNW	2	b	30.04	-.18	32	30	+18	W	4	0	*	32	16	-
Wisby	30.31	35	SW	6	b	30.20	+.01	36	33	+6	W	4	b	*	34	28	-
Bodö	29.69	25	E	6	s	29.65	-.31	26	25	+4	ONE	4	0	2	?	21	-
Christiansund	30.05	36	NSW	6	bc	29.96	-.20	40	34	+5	NSW	8	0	4	41	32	0.04
‡Skudesnaes	30.16	41	ESE	6	c	30.01	-.22	40	35	+4	SE	6	0	4	41	36	-
Oxö (Xtiansund)	30.22	33	NNW	2	0	30.10	-.17	31	30	0	N	4	c	3	34	30	-
Skagen (The Skaw)	30.25	34	SW	2	b	30.12	-.15	34	35	+1	SW	2	b	0	34	34	-
Fanö	30.19	32	ESE	3	b	30.04	-.22	29	28	+1	ESE	4	b	*	36	28	-
Cuxhaven	30.19	32	SE	6	c	30.06	-.20	28	28	-2	ESE	6	bc	*	32	25	-
‡Sumburgh Head	29.88	41	SSE	4	cq	29.77	-.35	45	43	+4	SSE	4	0	4	45	38	-
‡Stornoway	29.83	43	SE	1	0	29.69	-.29	43	43	+14	NNE	1	om	0	44	28	0.02
Wick	29.92	43	S	6	0	29.72	-.33	46	43	+4	S	5	c	4	46	40	-
Nairn	29.87	34	W	0	0	29.71	-.29	34	36	+3	SSW	1	0	1	43	22	-
‡Aberdeen	29.96	43	SSE	4	ofp	29.80	-.29	43	42	+3	S	2	c	2	45	40	0.01
Leith	29.90	43	ESE	1	0	29.75	-.29	41	39	0	SSE	1	cp	*	43	39	0.01
‡Shields	29.96	44	SE	4	0	29.79	-.27	43	42	-1	SE	2	m	3	45	39	-
Spurn Head	29.92	44	ESE	5	bc	29.75	-.29	43	42	0	ESE	5	ogm	4	44	41	-
York	29.94	43	E	1	0	?29.75	-.31	34	34	-4	ENE	1	m	*	44	36	-
Loughborough	29.90	42	ENE	1	0	29.74	-.27	34	36	-2	E	2	0	*	43	34	0.04
‡Ardrossan	29.85	41	NE	4	of	29.69	-.30	40	39	+3	NE	3	bm	2	42	34	0.04
Malin Head	29.71	43	SE	4	0	29.59	-.23	45	44	+3	E	5	om	3	45	41	0.05
‡Mullaghmore	29.69	44	ESE	5	ogp	29.52	-.30	48	44	+4	ESE	6	om	5	48	44	0.04
‡Belmullet	29.65	46	ESE	3	n	29.48	-.29	45	45	+2	SE	4	c	*	46	?43	0.09
Donaghadee	29.81	45	SE	5	bc	29.65	-.29	44	43	+2	SE	5	c	?	47	44	-
Barrow-in-Furness	29.84	42	NE	3	bc	29.71	-.28	41	39	+2	NE	3	c	*	44	39	0.03
Liverpool (Bidston	29.84	41	SE	2	c	29.69	-.27	38	37	-2	ESE	3	0	2	44	38	-
‡Holyhead	29.77	45	ESE	1	om	?29.60	-.28	45	42	+1	ENE	5	cm	2	47	43	-
Parsonstown	29.71	45	SE	1	0	29.50	-.31	48	46	+4	ESE	2	0	*	48	43	-
‡Valencia	29.56	51	ESE	5	ogm	29.28	-.44	53	50	+3	E	6	og	6	54	49	0.13
Roche's Point	29.65	49	SE	6	n	29.41	-.35	51	49	+2	SE	6	bc	5	52	44	0.04
Pembroke	29.72	46	ESE	5	bc	29.53	-.31	45	44	+1	E	5	0	5	46	44	0.05
‡Scilly	29.64	52	ESE	4	0	29.40	-.34	53	52	+1	SSE	6	0	5	53	49	-
Prawle Point	29.74	50	ENE	3	0	29.55	-.26	49	49	+3	ENE	3	ogm	3	50	44	0.01
Hurst Castle	29.80	45	E	4	c	29.62	-.24	43	42	-1	E	3	m	2	47	41	0.01
‡Dungeness	29.84	45	E	3	c	29.69	-.23	40	39	-3	SE	3	c	3	46	39	-
‡London	29.88	43	E	2	og	29.70	-.24	36	35	-6	E	1	bm	*	46	35	-
Oxford	29.85	43	ENE	2	0	29.69	-.24	36	36	-6	NE	2	c	*	46	33	0.01
Cambridge	29.87	41	E	1	0	29.71	-.29	38	34	-3	E	1	0	*	45	30	-
‡Yarmouth	29.94	43	ESE	5	b	29.77	-.27	39	38	-3	ESE	4	cq	5	44	38	-
The Helder	29.99	33	E	3	b	29.85	-.24	30	29	-2	E	1	c	1	36	28	-
Cape Gris Nez																	
‡Jersey	29.74	49	ENE	2	b	29.54	-.22	48	48	+5	SE	3	om	3	52	43	-
Brest	29.72	50	ESE	4	0	29.49	-.24	51	50	+3	SSE	5	0	3	55	46	-
Lorient	29.75	50	ESE	4	c	29.54	-.22	50	50	+3	ESE	5	m	3	54	43	-
‡Rochefort	29.80	55	W	0	0	29.66	-.15	50	50	-2	SSE	5	f	2	61	46	-
Biarritz	29.75	55	SW	3	0	29.59	-.16	55	50	0	SSE	3	c	2	54	50	0.24
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.74	-.26	30	29	-3	ESE	1	b	*	?39	29	-
Charleville	?29.95	36	SSE	1	s	29.94	-.04	32	32	+2	S	4	b	*	46	30	-
Paris	29.84	45	NNE	1	bc	29.73	-.15	40	34	-2	SE	3	c	*	*	*	-
Lyons	29.88	45	N	1	0	29.77	-.14	41	40	-1	NNW	1	0	*	48	40	0.04
Toulon	29.80	?51	SE	1	0	29.60	-23	50	50	-1	E	1	h	5	54	48	0.75

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Saturday, 21st November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

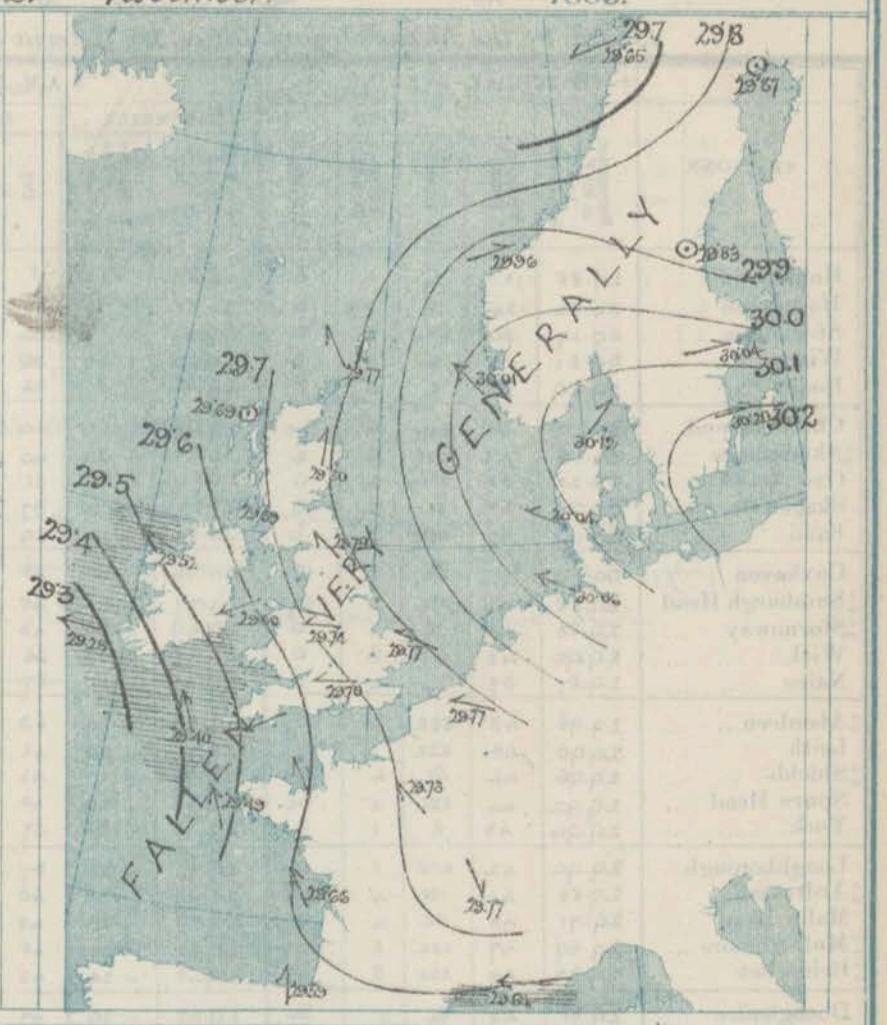
Sea Disturbance — where considerable is shewn thus

▨ = Rough. ▩ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of **November**
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. Bar.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·787
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

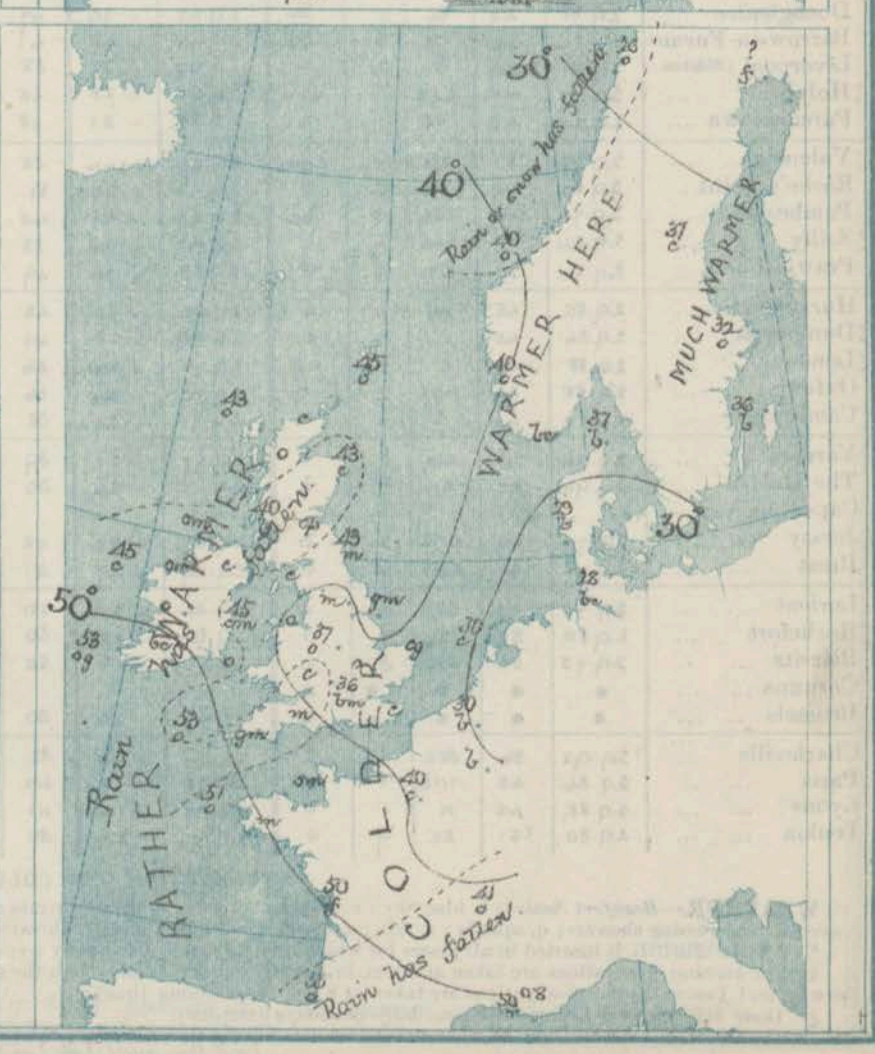
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of **November**

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Saturday 21st November. 1885. at 8 a.m.

The anticyclone which lay over Denmark and the south of Scandinavia yesterday has moved away to the Baltic, the barometer has fallen generally — most on our south-west coasts — and gradients for SE. winds have become somewhat steeper. Moderate E. breezes are reported in the south of England, and S. breezes in Scotland, but elsewhere the wind is SE. and in the extreme south-west of our Islands it blows strongly. The weather is fair at some of our eastern and south-eastern as well as at the Continental stations, but cloudy or overcast in most other localities. In the course of the past twenty four hours rain has fallen in many parts of the Kingdom. Temperature has risen a little in the west and north, but fallen elsewhere; readings now range from 50° at Valencia and Scilly to 36° at Oxford and in London. Frost occurred last night over Central England; at Oxford the thermometer on the grass fell to 24°. The sea is rough at Valencia, rather rough on our south-west coasts generally, as well as at Yarmouth, moderate to smooth elsewhere.

The tendency is for a further increase in the steepness of the SE. gradients, and the wind on our south-west coasts will probably reach the force of a gale.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 16th inst: a strong gale from S. veering to NW. was experienced in Lat. 44° N. Long. 59° W. the barometer at Noon falling to a minimum of 29.7 ins:

FORECASTS

for the 24 hours ending at NOON on 22nd Nov. *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S. and SE. winds, increasing in force; cloudy, some rain.	6 SCOTLAND WEST	E. to SE. winds, increasing in force; dull, some rain.
1 SCOTLAND EAST	------ Do ------ Do ------ Do ------	7 ENGLAND N.W.	----- Do --- Do Do
2 ENGLAND N.E.	SE. winds, freshening; cloudy generally.	8 ENGLAND S.W.	SE. winds, increasing to a gale; dull, some rain.
3 ENGLAND EAST	------ Do ------ Do ------ Do ------	9 IRELAND NORTH	----- Do ------ Do ------ Do -----
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	----- Do ------ Do ------ Do -----
5 ENGLAND SOUTH	E. and SE. winds, freshening; fair to dull and unsettled.	WARNINGS	The South cone was hoisted last evening in districts 8 to 10.

Fredk Dangerfield, Lith. London, (131)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesmues	30·25	41	37	ESE	6	o	3
Sumburgh Head	30·05	42	38	SSE	4	c	4
Stornoway	29·88	40	40	NE	1	o g	o
Aberdeen	30·02	43	42	SSE	4	c/o	3
Shields	29·99	45	42	SE	5	o	3
Ardrossan	29·90	42	40	NE	3	o	2
Malin Head	29·79	43	41	SSE	? 1	o	3
Mullaghmore	29·78	47	45	SE	4	o g	3
Belmullet	29·69	45	44	SE	4	o g	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	29·82	48	43	ENE	3	c	2
Valencia	29·64	51	50	ESE	3	o dg	3
Scilly	29·68	53	52	ESE	4	o	4
Dungeness	29·88	46	43	E	4	c	3
London	29·89	46	42	ESE	2	o m	*
Yarmouth	29·94	44	42	ESE	4	b	5
Jersey	29·75	51	50	ENE	2	c	2
Rochefort	29·82	62	59	SSW	1	c	2

REMARKS.

The barometer continues to fall in all parts of our Islands, but the winds are little changed. Cloudy or overcast weather prevails at most stations, with drizzling rain at Valencia and showers at Aberdeen. The sea is rather rough at Yarmouth, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Sunday 22nd November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. M. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	29.71	7	E	2	o	29.27	— .60	16	16	?	E	2	o	•	?	—11	0.20
Hernösand	29.71	35	S	2	o	29.47	— .36	34	32	— 3	Z	0	c	•	39	28	—
Stockholm	29.93	31	N	2	o	29.70	— .34	27	26	— 5	SW	2	b	•	36	27	—
Wisby	30.00	36	W	4	b	29.80	— .40	31	30	— 5	S	4	b	•	39	?	—
Bodö	29.42	31	SSE	4	m	29.31	— .34	32	28	+ 6	WNW	4	bc	2	?	?	—
Christiansund	29.69	39	SW	4	o	29.52	— .44	40	38	0	SW	3	r	4	41	34	0.12
‡Skudesnaes	29.82	42	SSE	8	bc	29.66	— .35	33	30	— 7	NNE	1	bc	4	43	?	—
Oxö (Xtiansund)	29.92	33	N	2	b	29.70	— .40	33	32	+ 2	N	2	o	3	39	30	—
Skagen (The Skaw)	29.91	37	SSW	3	b	29.69	— .43	37	36	0	SSW	1	c	0	39	36	—
Fanö	29.78	32	SE	4	c	29.59	— .45	32	32	+ 3	ESE	4	o	•	36	28	—
Cuxhaven	29.77	32	SE	3	bc	29.62	— .44	32	32	+ 4	SE	2	bc	•	33	?	—
‡Sumburgh Head	29.68	45	SSW	3	o	29.60	— .17	44	43	— 1	NNE	1	om	2	46	42	—
‡Stornoway	29.66	44	Z	0	og	29.58	— .11	46	46	+ 3	ENE	3	c	2	48	41	—
Wick	29.68	43	S	1	bc	29.60	— .12	33	32	— 13	S	1	om	6	46	30	—
Nairn	29.64	35	Z	0	o	29.54	— .12	35	35	— 2	S	? 1	od	1	40	27	0.03
‡Aberdeen	29.71	40	S	1	c	29.60	— .20	33	32	— 10	SSW	1	o	2	46	32	—
Leith	29.67	42	S	1	c	29.55	— .17	40	38	— 1	SE	1	om	•	46	36	—
‡Shields	29.68	42	SE	3	o	29.57	— .22	43	41	0	Z	0	o	3	45	40	—
Spurn Head	29.62	42	ESE	4	o	29.55	— .20	41	40	— 2	NE	2	og	3	43	40	—
York	29.66	42	E	1	o	29.58	— .17	39	38	+ 2	N	1	o	•	44	36	—
Loughborough	29.64	37	E	2	o	29.57	— .17	38	38	+ 1	ENE	2	ogm	•	40	36	—
‡Ardrossan	29.57	41	ENE	3	o	29.58	— .11	37	36	— 3	ENE	1	b	1	42	36	—
Malin Head	29.54	46	SSE	5	c	29.54	— .05	38	37	— 7	SSE	3	f	2	48	37	—
‡Mullaghmore	29.51	45	E	5	b	29.53	+ .01	42	41	— 6	E	4	m	2	49	40	—
‡Belmullet	29.48	47	SE	4	c	29.50	+ .03	39	38	— 6	NE	2	b	8	49	38	—
Donaghadee	29.59	45	SE	5	b	29.56	— .09	41	39	— 6	E	4	b	2	48	40	—
Barrow-in-Furness	29.59	42	NE	4	bc	29.55	— .16	38	36	— 3	NE	1	o	•	44	35	—
Liverpool (Bidston)	29.59	36	SE	2	b	29.55	— .14	38	38	0	SE	2	f	2	43	35	0.01
‡Holyhead	29.52	40	ENE	2	bm	29.50	— .10	42	42	— 3	ENE	2	cm	2	46	40	—
Parsonstown	29.48	48	E	1	o	29.50	.00	44	43	— 4	E	1	o	•	50	39	—
‡Valencia	29.31	52	E	6	rmg	29.44	+ .16	49	48	— 4	E	3	bcm	3	54	48	0.12
Roche's Point	29.39	50	SE	6	r	29.44	+ .03	48	48	— 3	E	3	m	4	53	45	0.05
Pembroke	29.46	43	E	6	o	29.44	— .09	43	42	— 2	ENE	3	mg	2	45	42	—
‡Scilly	29.30	53	E	6	o	29.38	— .02	50	50	— 3	Z	0	c	4	54	48	—
Prawle Point	29.44	50	ENE	3	o	29.41	— .14	49	48	0	SW	1	o	2	51	46	0.03
Hurst Castle	29.50	45	E	5	m	29.45	— .17	44	44	+ 1	ENE	2	m	2	46	43	—
‡Dungeness	29.58	41	SE	3	o	29.49	— .23	44	44	+ 4	E	3	m	2	47	39	—
‡London	29.68	43	ESE	2	o	29.51	— .19	43	42	+ 7	NNE	1	o	•	44	35	—
Oxford	29.57	42	NE	3	o	29.52	— .17	39	39	+ 3	NE	2	fg	•	45	36	0.03
Cambridge	29.59	37	E	1	c	29.52	— .17	40	40	+ 2	NE	2	o	•	45	35	0.02
‡Yarmouth	29.63	41	ESE	3	cg	29.54	— .23	42	41	+ 3	ENE	3	cm	4	42	38	—
The Helder	29.66	32	E	1	c	29.54	— .31	34	34	+ 4	ENE	1	f	2	34	28	—
Cape Gris Nez	29.54	43	E	1	c	?	?	41	37	?	E	1	m	3	?	?	—
‡Jersey	29.44	50	E	3	og	29.38	— .19	48	48	0	ENE	2	omp	2	57	47	0.03
Brest	29.33	51	WNW	4	r	29.33	— .16	47	46	— 4	E	3	o	5	65	46	0.08
Lorient	29.39	50	WSW	4	r	29.38	— .16	47	47	— 3	ENE	3	o	9	55	43	0.24
‡Rochefort	29.54	55	SSW	7	r	29.38	— .28	50	50	0	SW	4	m	2	?	45	0.28
Biarritz	29.47	57	SW	5	o	29.32	— .27	50	46	— 5	S	4	o	2	64	48	0.51
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.50	— .27	38	36	+ 8	ESE	1	f	•	38	?	—
Charleville	?	?	?	?	?	29.56	— .38	40	37	+ 8	NW	1	bc	•	?	32	—
Paris	29.59	43	SE	3	c	29.44	— .29	42	40	+ 2	SE	3	o	•	*	*	—
Lyons	29.65	44	N	1	o	29.50	— .27	43	42	+ 2	NE	1	f	•	48	?	0.28
Toulon	29.58	52	SE	8	r	29.55	— .05	52	51	+ 2	ESE	5	f	6	52	50	0.79

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Daingerfield Taik, London

WEATHER CHARTS

for 8 a.m. on Sunday 22nd November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

Wind — *Arrows show the prevailing 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.

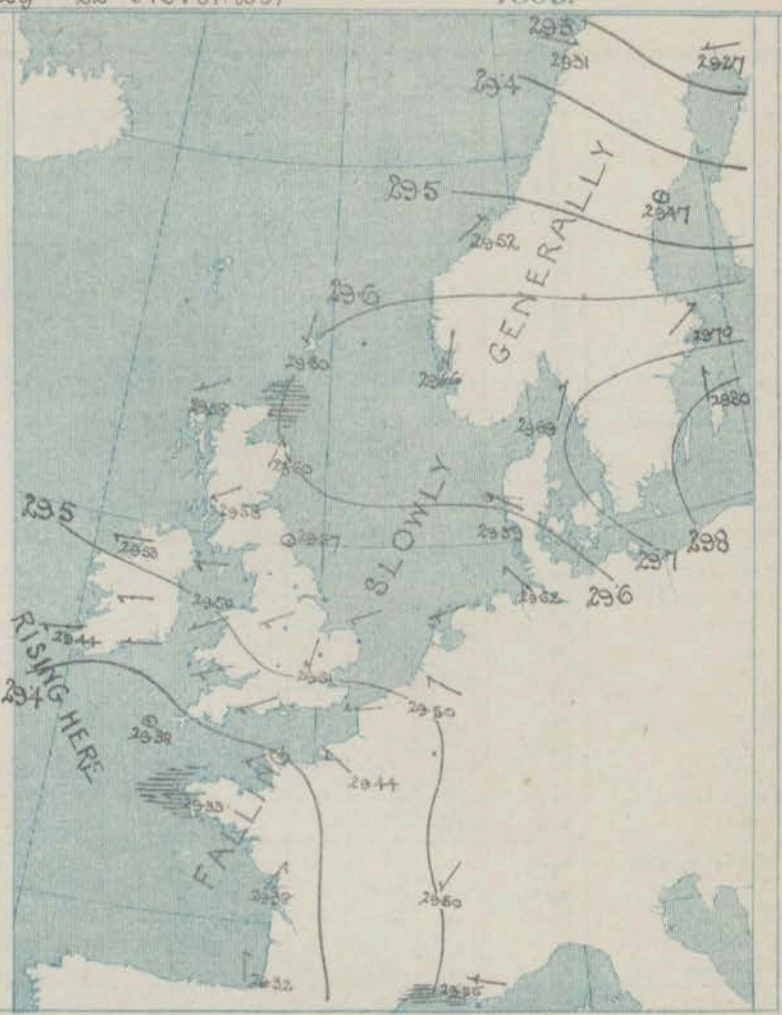
Sea Disturbance — *where considerable, is shewn thus*

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of **November**
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	Ins.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

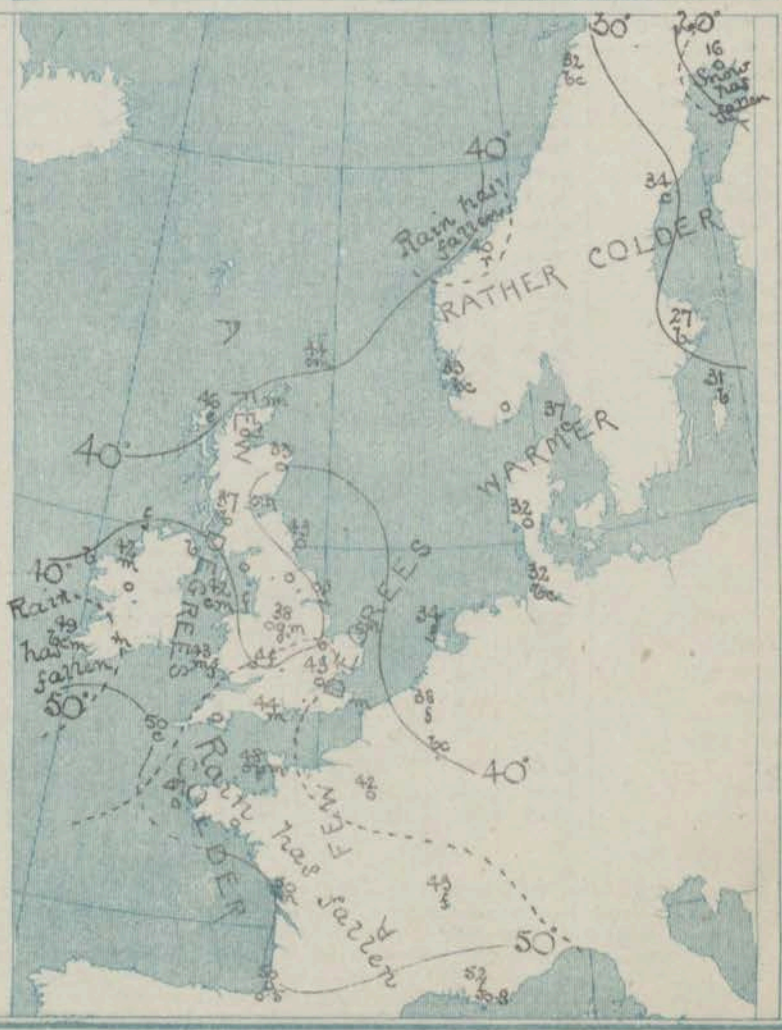
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of **November**

STATIONS	TEMPERATURE. Daily Max	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Sunday 22nd November. 1885, at 8 a.m.

The general distribution of pressure remains very similar to that of yesterday, readings being still highest over the Baltic, and lowest to the south-westward of our Islands, but as the barometer has fallen briskly over Scandinavia and Denmark, while it has risen slightly on our west and south-west coasts pressure has become more uniform. Moderate W. breezes prevail in the north of Scandinavia, and S. breezes in the south of France, but elsewhere the wind is light from the E. The weather is fair in Sweden and also at some of our western stations, but overcast elsewhere, with mist in several places. Slight rain fell yesterday at a few of the western and southern stations. Temperature has fallen a few degrees in the west and north, but risen elsewhere; readings now range from 50° at Scilly to 33° at Wick and Aberdeen. Frost occurred in Scotland last night. The sea is rough at Wick, moderate to smooth elsewhere.

FORECASTS

for the 24 hours ending at NOON on 23rd November 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued	6 SCOTLAND WEST	None issued
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	The south cone has been lowered this morning in districts 8 to 10

Fredk Dangerfield, Lith. London, (131)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29·93	43	35	SE	6	o	4
Sumburgh Head	29·72	46	44	S	4	o	3
Stornoway	29·78	47	47	ENE	1	c	0
Aberdeen	29·74	44	42	S	3	c	2
Shields	29·71	45	43	SE	2	c	3
Ardrossan	29·64	42	41	NE	2	c	1
Malin Head	29·54	47	43	ESE	5	c	3
Mullaghmore	29·50	48	46	ESE	4	c	3
Belmullet	29·45	49	48	SE	5	c	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	29·53	45	42	ENE	5	b	3
Valencia	29·29	53	52	ESE	6	rm	7
Scilly	29·34	54	52	ESE	6	o	5
Dungeness	29·61	42	40	SE	3	bc	3
London	29·64	44	42	E	2	o	*
Yarmouth	29·67	40	39	SE	3	og	4
Jersey	29·47	50	50	ESE	3	o	3
Rochefort	29·38	58	55	S	5	c	2

REMARKS.

The barometer continues to fall at all stations excepting Valencia, where a slight rise is in progress. Very little change is observed in the winds, but rain has set in at Valencia. The sea is high at Valencia, rather rough at Scilly, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Monday 23rd November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	29.24	0	S	0	b	29.35	+.05	9	8	-1	N	4	0	*	16	0	0.08
Hernösand	29.39	34	S	2	0	29.36	-.11	28	26	-6	S	0	b	*	34	?	-
Stockholm	29.42	26	SSW	2	bc	29.43	-.24	31	30	+4	SW	2	0	*	32	25	-
Wisby	29.51	35	S	2	bc	29.40	-.40	34	32	+3	NNE	4	0	*	39	28	-
Bodö	29.15	28	ENE	4	s	29.20	-.11	22	20	-10	E	2	bc	1	32	21	-
Christiansund	29.53	35	NNW	2	bc	29.63	+.11	35	32	-5	NW	4	S	4	?	30	0.24
‡Skudesnaes	29.52	39	S	0	c	29.52	-.14	35	33	+2	NNW	2	bc	3	43	?	-
Oxö (Xtiansund)	29.50	32	NW	1	b	29.52	-.18	34	32	+1	NNE	6	0	3	36	29	-
Skagen (The Skaw)	29.49	33	SE	1	b	29.49	-.20	36	34	-1	ENE	2	0	0	34	30	-
Fanö ‡	29.46	34	N	1	f	29.49	-.10	33	33	+1	NNW	1	0	*	36	32	-
Cuxhaven	29.54	33	NE	2	0	29.49	-.13	36	36	+4	NE	2	f	*	36	29	-
‡Sumburgh Head	29.57	42	NNE	2	0	29.65	+.05	39	34	-5	NE	4	c	3	45	36	-
‡Stornoway	29.54	43	NE	3	oq	29.63	-.05	43	43	-3	ESE	4	oq	4	47	39	-
Wick	29.57	39	S	0	0	29.61	+.01	43	41	+10	E	4	0	2	48	32	0.04
Nairn	29.55	36	S	0	0	29.56	-.03	35	34	0	S	0	0	1	34	32	-
‡Aberdeen	29.57	36	S	0	0	29.58	-.02	34	36	+4	WNW	1	cm	1	39	32	-
Leith	29.54	41	SE	1	0	29.54	-.04	42	40	+2	NE	1	cm	*	43	38	-
‡Shields	29.50	44	S	0	0	29.53	-.04	45	42	+2	NE	2	0	3	45	41	-
Spurn Head	29.49	43	NNE	3	0	29.49	-.06	44	41	+3	NNE	2	cq	2	44	40	-
York	29.54	40	N	1	0	29.52	-.06	40	40	+1	N	1	m	*	41	38	-
Loughborough	29.53	40	ENE	1	0	29.53	-.04	34	34	-1	NW	1	of	*	41	34	-
‡Ardrossan	29.54	40	E	2	om	29.53	-.05	40	39	+3	ENE	2	om	1	42	36	-
Malin Head	29.49	38	SSE	2	m	29.45	-.09	36	36	0	SE	3	c	2	44	35	-
‡Mullaghmore	29.49	43	E	4	m	29.41	-.12	43	42	+1	ESE	5	om	3	44	42	0.02
‡Belmullet	29.48	43	E	3	q	29.38	-.12	44	43	+5	SSE	2	cm	6	47	39	0.02
Donaghadee	29.54	42	ESE	5	b	29.50	-.06	43	40	+2	E	2	c	0	44	40	-
Barrow-in-Furness	29.53	34	NE	1	f	29.51	-.04	34	34	-4	NE	2	b	*	40	33	-
Liverpool (Bidston)	29.51	41	ESE	1	0	29.52	-.03	39	38	+1	SE	1	cm	1	41		-
‡Holyhead	29.47	43	ENE	3	bcm	29.47	-.03	43	43	+1	E	1	cm	2	48	42	-
Parsonstown	29.49	46	S	0	0	29.43	-.07	46	45	+2	SE	1	1	*	47	43	-
‡Valencia	29.47	49	ESE	2	0	29.35	-.09	49	47	0	SE	5	0	5	54	47	0.01
Roche's Point	29.46	47	E	2	m	29.41	-.03	50	49	+2	SE	3	1	4	50	46	0.03
Pembroke	29.44	43	E	1	c	29.45	+.01	44	43	+1	ESE	5	mq	3	45	41	-
‡Scilly	29.39	50	S	0	c	29.44	+.06	48	47	-2	SSW	1	c	5	54	47	-
Prawle Point	29.40	44	N	3	0	29.46	+.05	44	44	-5	NE	1	oq	2	49	41	0.08
Hurst Castle	29.40	45	NE	3	m	29.47	+.02	42	41	-2	ENE	2	om	2	46	41	0.03
‡Dungeness	29.39	46	ENE	4	0	29.48	-.01	39	39	-5	ENE	4	0	3	48	?38	0.14
‡London	29.46	44	N	2	0q	29.49	-.02	40	38	-3	NE	1	0q	*	48	39	-
Oxford	29.49	40	NE	3	0	29.51	-.01	40	39	+1	NE	1	0q	*	42	39	0.01
Cambridge	29.51	40	NE	1	0	29.52	-.02	40	40	0	S	0	0	*	42	38	-
‡Yarmouth	29.48	42	NNE	3	0q	29.48	-.06	42	41	-1	NNW	1	f	3	43	40	-
The Helder	29.49	39	ENE	1	f	29.41	-.13	38	38	+4	ENE	1	f	1	39	34	-
Cape Gris Nez																	
‡Jersey	29.42	48	NE	4	0	29.41	+.03	48	44	0	NE	3	0pw	3	50	47	0.02
Brest	29.34	49	N	4	h	29.45	+.12	48	44	+1	N	3	0	5	55	45	0.43
Lorient	29.32	49	NNE	5	0	29.45	+.04	49	48	+2	NNW	4	0	5	54	43	0.04
‡Rochefort	29.34	51	NNE	4	0	29.44	+.06	50	49	0	NNW	4	0	2	54	45	-
Biarritz	29.33	54	WSW	4	0	29.48	+.16	54	51	+4	SW	3	h	4	59	48	0.12
Corunna	*	*	*	*	*												
Brussels‡	*	*	*	*	*	29.46	-.04	33	32	0	NE	1	0	*	41	?	0.04
Charleville	?29.40	42	N	1	bc	29.43	-.13	41	40	+1	NW	1	0	*	45	36	0.08
Paris	29.34	50	E	4	0	29.42	-.02	45	?	+3	N	4	f	*	*	*	0.16
Lyons	29.34	46	E	1	0	29.38	-.12	46	43	+3	SSE	4	c	*	48	?	0.55
Toulon	29.46	52	SW	5	0	29.46	-.09	47	47	-5	NE	3	0	4	54	46	1.14

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

↓ Received too late for insertion in Charts

Printed Darlington Lith. London.

WEATHER CHARTS

for 8 a.m. on Monday, 23rd November *1885.*

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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.

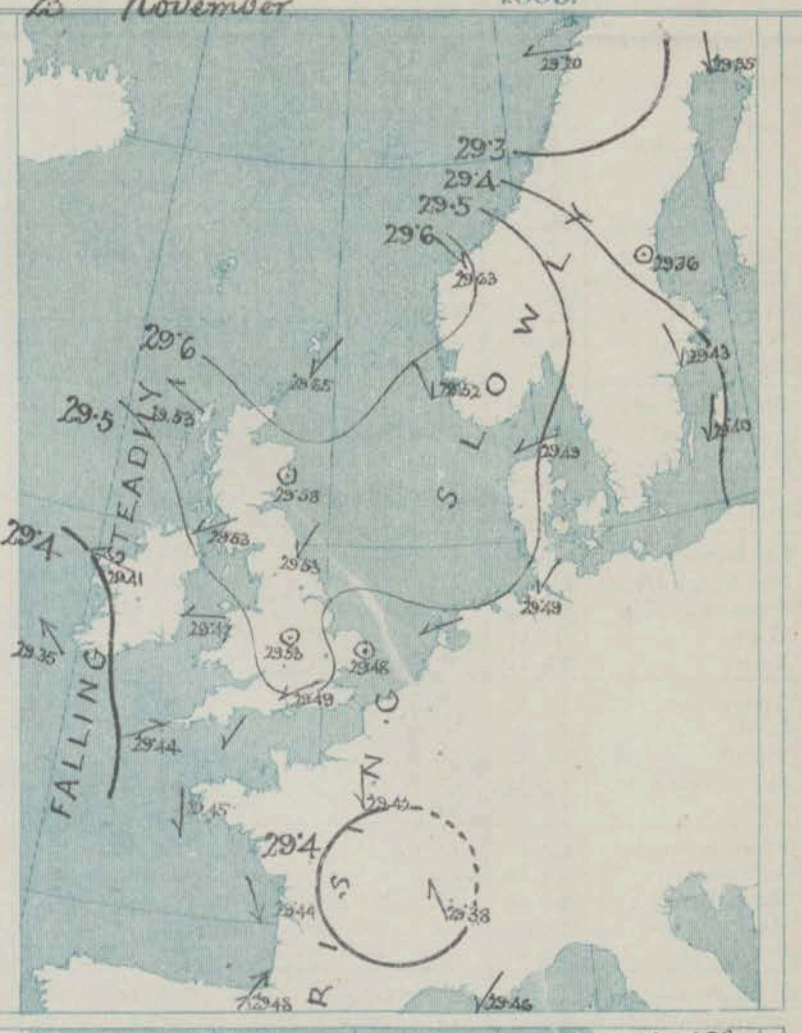
Sea Disturbance — *where considerable, is shewn thus* ▱ *= Rough.* ▱ *= High.*

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November

During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS in.
Sumburgh Head	29 · 724
Stornoway	29 · 755
Wick	29 · 767
Nairn	29 · 786
Aberdeen	29 · 782
Leith	29 · 820
Shields	29 · 830
York	29 · 847
Ardrossan	29 · 824
Donaghadee	29 · 832
Holyhead	29 · 845
Liverpool	29 · 862
Valencia	29 · 880
Roche's Point	29 · 875
Pembroke	29 · 867
Scilly	29 · 899
Hurst Castle	29 · 885
Dover	29 · 882
LONDON	29 · 885
Oxford	29 · 888
Cambridge	29 · 878
Yarmouth	29 · 855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

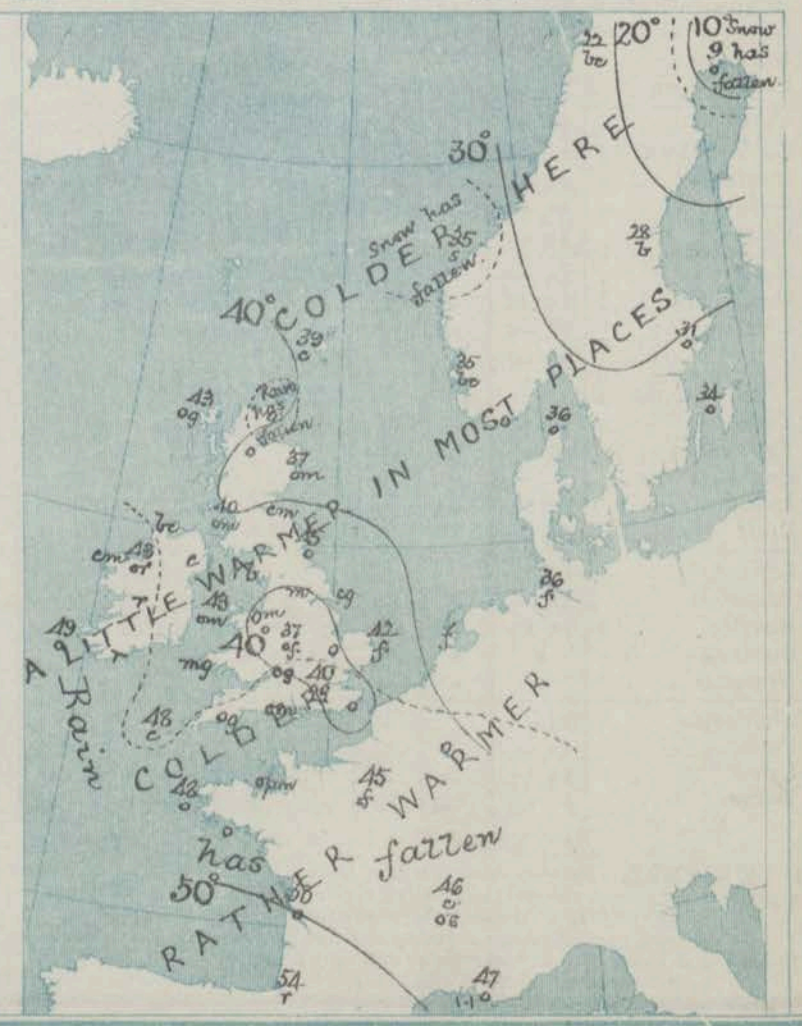
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of November

STATIONS	TEMPERATURE. Daily Max	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Monday 23rd November. 1885, at 8 a.m.

An area of relatively high pressure now lies to the northward of our Islands, but a small depression exists near Bodö and a shallow system over France, while a steady fall of the barometer on our western coasts seems to indicate the approach of a new disturbance towards Ireland. At our extreme northern as well as at our southern and the French stations the barometer is rising slowly. Moderate N^W^ breezes prevail in the west of France and light NE^ly^ airs over England; but in the west of Ireland the wind is freshening from the SE^ly^. The weather is fine at some of the Scandinavian stations, but cloudy or overcast elsewhere, with rain at Mullaghmore and Roche Point. In the course of the past 24 hours slight rain has fallen at several of our western and southern stations. Temperature has fallen slightly in the south, but rises a little elsewhere; readings now range from 49° at Valencia to 34° at Pranow in France. The sea is rather rough in the south, moderate to smooth elsewhere.

The fall of the barometer in the west is likely to occasion an increase in the force of the SE^ly^ wind in Ireland and the south-west of England.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 20th Inst: a fresh gale from S. veering to NW. was experienced in Lat: 43° N. Long: 60° W. the barometer at Noon falling to a minimum of 29.14 ins:

FORECASTS

for the 24 hours ending at NOON on 24th November. 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	E^ly^ and SE^ly^ winds, freshening; cloudy, probably some rain.	6 SCOTLAND WEST	Same as No 0
1 SCOTLAND EAST	------ D. ------ D. ------ D. ----	7 ENGLAND N.W.	Same as No 0
2 ENGLAND N.E.	Same as No 5	8 ENGLAND S.W	SE^ly^ winds, increasing in force; dull, unsettled, some rain.
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	------ D. ------ D. ------ D. ----
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	------ D. ------ D. ------ D. ----
5 ENGLAND SOUTH	NE^ly^ winds, light, to E^ly^, fresh; cloudy, rain locally.	WARNINGS	None issued.

Fredk Dangerfield, Lith. London, (131)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.58	42	39	2	0	c	3	Holyhead							
Sumburgh Head								Valencia							
Stornoway								Scilly							
Aberdeen								Dungeness							
Shields								London							*
Ardrossan								Yarmouth							
Malin Head								Jersey							
Mullaghmore								Rochefort	29.36	52	52	E NE	1	0	2
Belmullet							*								

REMARKS.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD

FROM THE 15TH TO THE 21ST NOVEMBER 1885

Throughout this week the dominant pressure systems over our Islands have been anticyclonic, the gradients chiefly easterly and southeasterly and at times rather steep at the extreme southern and western stations. The centre of the first anticyclone lay over the northern parts of the Kingdom at 8 am on the 15th, whence it moved southeastwards, until at 8 am on Wednesday it lay over Holland and North Germany, while a high-pressure band spread northwestwards across the North Sea to Scotland. A new system then appeared in the north and subsequently moved eastwards its centre reaching Denmark and the southern parts of Scandinavia early on the 20th and the Baltic by evening of the same day. Owing to a fall of the barometer on our western coasts the gradients then became favourable for SE.ly winds and the wind veered generally but temporarily.

On two occasions depressions have passed within our area, though not over the United Kingdom. The first was on the 18th, when two large low-pressure systems were observed — one over the Peninsula and Bay of Biscay, and the other over the northern parts of Scandinavia — the latter being very deep. Both of these soon passed off, after producing but little effect on the weather in our Islands. The second occasion was the 21st when, as the anticyclone in the northeast reached the Baltic, an apparently large depression approached our western coasts for a time, but receded later in the day.

The weather has been cold — fair as a whole, and at times bright, but often hazy or foggy towards the end of the week showers fell somewhat generally in the west and north, and cold rain over France.

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DAILY WEATHER REPORT

for Tuesday 24th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12)	Weather.	Sea. (0 to 9).	Max.	Min.	Amount of Rainfall.
Haparanda	29.70	-4	N	2	o	29.88	+.53	-16	-16	-25	S	2	b	*	12	?	-
Hernösand	29.96	15	N	2	b	30.04	+.68	?	?	?	SW	0	b	*	?	?	-
Stockholm	29.89	24	NNE	2	o	29.93	+.50	24	22	-1	SW	0	o	*	32	?	-
Wisby	29.81	38	E	2	be	29.77	+.37	29	27	-3	E	4	b	*	41	28	-
Bodö	29.74	18	ENE	2	b	29.78	+.58	22	21	0	SE	4	s	2	?	16	-
Christiansund	29.81	30	ESE	0	b	29.94	+.31	29	24	-6	ESE	1	b	3	?	25	0.28
‡Skudesnaes	29.74	38	E	4	c	29.92	+.40	35	30	0	E	3	b	3	39	?	-
Oxö (Xtiansund)	29.72	34	NNE	6	b	29.93	+.41	31	27	-3	NNE	6	b	3	37	30	-
Skagen (The Skaw)	29.76	34	ENE	3	b	29.88	+.39	31	30	-5	E	2	b	0	34	30	-
Fanö	29.63	34	E	4	o	29.78	+.29	31	30	-2	ENE	4	b	*	36	30	-
Cuxhaven	29.49	36	NE	2	o	29.72	+.23	37	34	+1	E	3	c	*	38	35	-
‡Sumburgh Head	29.70	40	E	5	b	29.80	+.15	41	38	+2	ESE	5	o	5	42	37	-
‡Stornoway	29.87	43	ESE	5	og	29.89	+.06	41	39	-2	ESE	5	b	5	46	37	-
Wick	29.67	43	E	3	c	29.71	+.10	43	40	0	SE	6	bc	5	43	38	-
Nairn	29.61	34	ENE	2	c	29.63	+.04	38	32	-2	ENE	1	b	1	40	32	0.03
‡Aberdeen	29.63	42	ENE	4	c	29.64	+.09	43	41	+6	SE	4	ng	4	44	36	0.11
Leith	29.56	42	NE	1	n	29.57	+.08	41	39	-1	SE	1	c	*	44	37	0.01
‡Shields	29.54	45	ENE	2	o	29.57	+.04	44	43	-1	E	5	n	4	45	40	0.09
Spurn Head	29.51	44	NE	1	o	29.52	+.03	42	42	-2	SE	3	cmd	3	44	41	0.02
York	29.52	42	N	1	m	29.55	+.03	41	41	+1	E	1	f	*	43	38	0.04
Loughborough	29.53	41	ENE	1	o	29.51	-.02	40	40	+3	E	3	ng	*	44	37	0.04
‡Ardrossan	29.53	42	ENE	2	om	29.51	-.02	41	40	+1	E	4	o	2	42	39	-
Malin Head	29.41	41	SE	5	n	29.47	+.02	43	42	+5	ESE	5	og	5	44	37	-
‡Mullaghmore	29.34	46	E	5	or	29.34	-.07	44	43	+1	ENE	5	ow	4	47	43	0.09
‡Belmullet	29.26	46	ESE	4	n	29.31	-.07	45	44	+1	ESE	4	ou	*	47	44	0.29
Donaghadee	29.49	45	SE	5	o	29.44	-.06	44	42	+1	SE	5	n	3	45	43	0.08
Barrow-in-Furness	29.52	41	NE	1	o	29.47	-.04	41	40	+1	ENE	3	n	*	43	30	0.03
Liverpool (Bidston)	29.50	41	ESE	1	o	29.44	-.08	41	40	+2	E	4	n	3	43	39	0.18
‡Holyhead	29.46	44	ESE	1	om	29.34	-.10	41	41	-2	ENE	4	nw	2	46	40	0.23
Parsonstown	29.33	48	ESE	1	o	29.31	-.12	45	44	-1	E	1	og	*	48	44	0.04
‡Valencia	29.20	50	ESE	4	n	29.22	-.13	45	45	-4	E	1	c	0	51	43	0.91
Roche's Point	29.35	49	SSE	5	o	29.24	-.14	48	47	-2	SE	4	c	4	51	48	0.20
Pembroke	29.42	45	ESE	3	o	29.21	-.24	45	45	+1	ESE	5	ng	3	45	43	0.18
‡Scilly	29.40	51	S	4	o	29.26	-.18	51	50	+3	SSW	4	c	3	53	49	0.46
Prawle Point	29.46	45	ESE	1	o	29.31	-.15	49	48	+5	SW	3	bc	4	49	40	0.05
Hurst Castle	29.50	43	ENE	2	f	29.41	-.06	46	46	+4	ESE	2	nm	2	46	41	0.03
‡Dungeness	29.49	45	ENE	2	o	29.48	+.03	40	40	+1	SE	3	o	2	49	39	-
‡London	29.51	41	ENE	2	bf	29.49	.00	40	39	0	E	1	ng	*	43	37	0.05
Oxford	29.52	40	NE	2	o	29.47	-.04	40	39	0	ESE	3	ng	*	42	38	0.12
Cambridge	29.52	42	N	1	o	29.51	-.01	40	40	0	N	1	n	*	45	38	0.02
‡Yarmouth	29.52	43	ESE	0	cd	29.54	+.06	41	40	-1	E	5	og	5	44	40	0.09
The Helder	29.55	?	E	1	f	29.61	+.12	36	35	-2	E	3	o	3	39	36	-
Cape Gris Nez	29.44	39	E	4	o	29.51		35	34		SE	1	o	1	45	34	-
‡Jersey	29.44	47	ENE	1	o	29.38	-.03	48	48	0	S	6	onm	4	47	45	0.02
Brest	29.47	54	SW	0	m	29.36	-.09	51	48	+3	SSW	4	o	5	52	48	0.16
Lorient	29.50	50	NW	3	o	29.43	-.02	52	50	+3	W	4	c	3	52	43	0.24
‡Rochefort	29.58	51	NNW	4	o	29.59	+.15	51	50	+1	SW	5	r	2	52	45	0.04
Biarritz	29.59	54	W	4	bc	29.59	+.11	54	50	0	SSW	4	o	2	59	46	0.20
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.56	+.10	34	34	+1	ESE	1	f	*	35	30	-
Charleville	29.50	40	S	1	o	29.61	+.18	35	34	-6	S	1	o	*	45	36	0.08
Paris	29.48	43	N	4	o	29.57	+.15	43	41	-2	S	4	nw	*	*	*	-
Lyons	29.46	46	NW	1	o	29.64	+.26	41	39	-5	E	1	b	*	48	39	0.32
Toulon	29.49	50	W	3	o	29.59	+.11	45	43	-2	NW	3	b	2	52	43	0.12

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 France and our Islands with the exception of Oxford, where they are taken at 6 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiansund, Hapa).

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

Evre & Spottiswoode, Typ. Londres.

WEATHER CHARTS

for 8 a.m. on Tuesday 24th November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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.

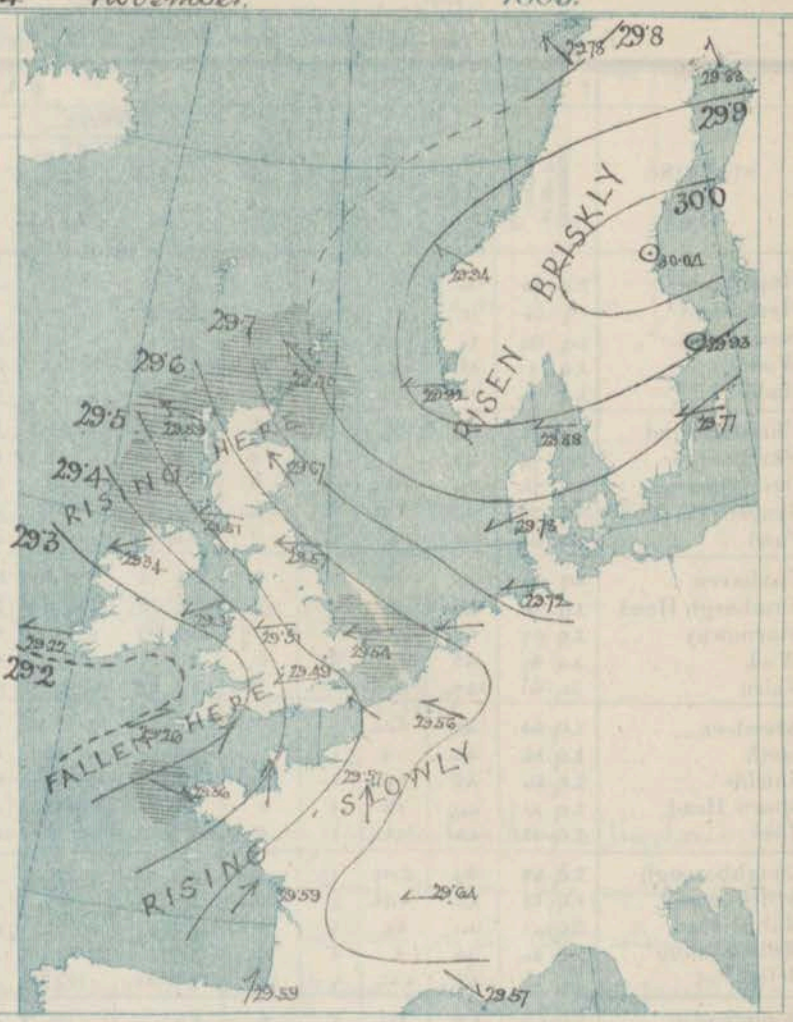
Sea Disturbance — *where considerable, is shown thus*

▭ = Rough, ▭ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M.,

with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

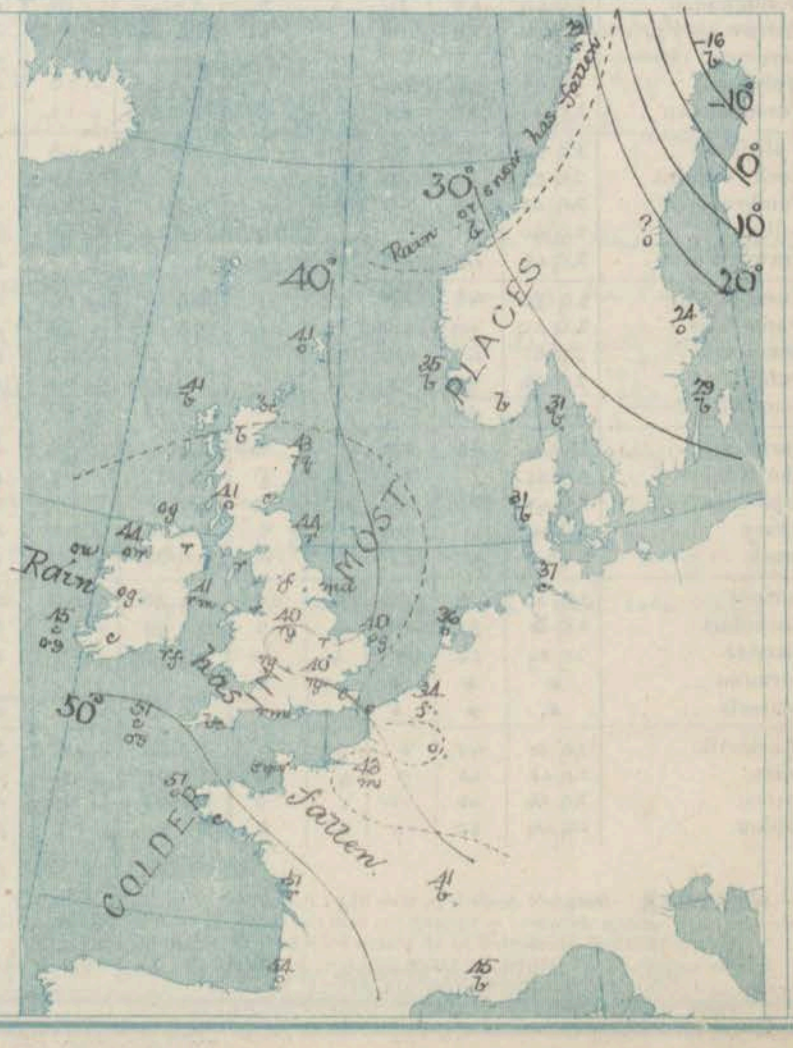
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of November

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·5	42·6	41·6	3·31

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Tuesday 24th November 1885, at 8 a.m.

In the course of the past 24 hours the barometer has risen at all our northern and Eastern stations as well as on the eastern shores of the North Sea, and an anticyclone has been formed over Scandinavia. On our southern and south-western coasts, however, the barometer has fallen, and the centre of a somewhat shallow depression is now lying off the south of Ireland. Moderate SW. breezes prevail in the south-west of England and west of France, but elsewhere the wind is E. or SE., and in the east of Scotland it blows strongly. Rain is falling at most of the English stations as well as at Aberdeen and Donaghadee, but in Scandinavia, the extreme north of our Islands and the south-east of France the weather is fine. Since yesterday morning rain has fallen in most parts of the Kingdom. Temperature has fallen a little generally, and readings now range from 51° at Scilly to 33° at Nairn. The sea is high at Aberdeen, and rather rough on our northern coasts generally, as well as at Malin Head and Yarmouth

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The depression in the south-west seems likely to move slowly south-eastwards, and as it passes away an improvement in the weather will probably take place in the south.

FORECASTS

For the 24 hours ending at NOON on 25th November 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE. winds, fresh or strong; changeable, rain locally.	6 SCOTLAND WEST	E. winds, moderate; fair generally.
1 SCOTLAND EAST	----- D. ----- D. ----- D. ----	7 ENGLAND N.W.	Same as No 5
2 ENGLAND N.E.	E. winds, fresh or strong; dull and rainy at first, some improvement later.	8 ENGLAND S.W	Wind shifting to E. or NE.; changeable, some rain.
3 ENGLAND EAST	----- D. ----- D. ----- D. ----	9 IRELAND NORTH	E. winds, fresh; fair generally.
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	----- D. ----- D. ----- D. ----
5 ENGLAND SOUTH	E. winds, moderate or fresh; dull and rainy to fair	WARNINGS	The south cone has been hoisted this morning in district 0, and part of 1.

Fredk Dangerfield, Lith. London, (131)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29·61	39	36	ENE.	1	c	3
Sumburgh Head	29·68	41	39	NE.	4	bc	3
Stornoway	29·55	45	44	E.	5	og	5
Aberdeen	29·61	43	40	ENE.	3	o	3
Shields	29·54	43	42	ENE.	3	d	3
Ardrossan	29·52	42	41	ENE.	2	o	1
Malin Head	29·39	42	41	SE.	5	o	3
Mullaghmore	29·36	44	43	ESE.	5	om	4
Belmullet	29·29	46	45	SE.	3	h	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	29·46	46	45	ESE.	1	o m	2
Valencia	29·24	50	49	SE.	7	r m g	6
Scilly	29·41	53	50	SSW.	2	c	5
Dungeness	29·45	46	45	ENE.	4	o	3
London	29·50	42	40	SE.	2	om	*
Yarmouth	29·49	44	43	ENE.	3	o d	3
Jersey	29·45	48	44	NNE.	2	o	2
Rochefort	29·51	51	50	N	4	m	2

REMARKS.

The barometer is rising a little at our northern and eastern stations as well as at Rochefort, but falling elsewhere - most at Valencia. The SE winds in the west of Ireland are increasing with rain, but in other parts of our Islands the winds and weather remain unchanged. The sea is rough at Valencia, rather so at Stornoway and Scilly, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Wednesday — 25th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	29.68	21	SW	2	o	29.63	— .25	22	22	+ 38	N	2	c	*	?	-17	—
Hernösand ...	30.07	9	Z	o	b	29.93	— .11	18	17	?	Z	o	b	*	?	7	?
Stockholm ...	30.11	17	Z	o	b	30.11	+ .18	15	15	— 9	Z	o	b	*	30	?	—
Wisby	30.06	29	E	4	o	30.07	+ .30	30	28	+ 1	NE	4	c	*	34	27	—
Bodö	29.53	37	SW	8	r	29.75	— .03	33	31	+ 11	NNW	4	b	2	37	28	0.32
Christiansund ..	29.98	39	SW	4	c	29.99	+ .05	35	33	+ 6	SW	4	c	3	?	25	—
‡Skudesnaes ...	30.05	32	SE	6	b	30.04	+ .12	31	28	— 4	E	6	b	4	37	?	—
Oxö (Xtiansund)	30.06	31	NE	6	o	30.04	+ .11	30	27	— 1	NE	6	o	3	?	28	—
Skagen (The Skaw)	30.05	30	E	3	c	30.07	+ .19	30	28	— 1	SE	2	bc	2	32	28	—
Fanö	29.91	32	E	6	c	29.88	+ .10	30	28	— 1	E	6	c	*	34	30	—
Cuxhaven ..	29.77	36	E	5	o	29.79	+ .07	34	34	— 3	ESE	6	o	*	37	32	—
‡Sumburgh Head	29.87	41	SE	5	o	29.85	+ .05	39	34	— 2	SE	5	o	5	42	34	0.01
‡Stornoway ...	29.65	48	ESE	5	b	29.59	.00	42	41	+ 1	ESE	6	b	6	45	39	—
Wick	29.75	42	SE	6	o	29.72	+ .01	43	42	0	SE	6	o	7	43	40	—
Nairn	29.68	39	ESE	2	o	29.61	— .02	40	39	+ 7	ESE	4	o	2	41	31	—
‡Aberdeen... ...	29.74	42	SE	7	o	29.67	.00	42	41	— 1	SE	7	pq	7	44	40	0.06
Leith ...	29.61	42	NNE	1	o	29.54	— .03	43	42	+ 2	SE	4	o	*	44	39	—
‡Shields	29.60	44	E	6	o	29.53	— .04	44	44	0	E	7	r	6	45	40	0.10
Spurn Head ...	29.49	41	ESE	6	r	29.43	— .09	43	43	+ 1	ESE	7	opq	6	43	42	0.56
York	29.54	41	E	1	r	29.48	— .07	42	41	+ 1	E	2	r	*	43	40	0.39
Loughborough .	29.49	38	ESE	2	r	29.42	— .09	43	43	+ 3	E	3	ogm	*	43	38	0.47
‡Ardrossan ...	29.55	43	ENE	3	c	29.47	— .04	43	41	+ 2	E	2	o	1	44	40	—
Malin Head ...	29.45	44	ESE	4	o	29.37	— .10	44	43	+ 1	ESE	5	o	5	45	42	—
‡Mullaghmore ...	29.41	44	E	5	ogm	29.29	— .05	48	44	+ 4	ENE	7	om	6	45	43	—
‡Belmullet ...	29.38	45	E	4	o	29.24	— .07	44	43	— 1	E	5	og	*	45	43	—
Donaghadee ...	29.48	45	SSE	6	o	29.40	— .04	45	43	+ 1	SE	7	o	5	46	43	0.03
Barrow-in-Furness	29.48	41	ENE	3	r	29.41	— .06	42	41	+ 1	ENE	4	o	*	42	40	0.36
Liverpool (Bidston)	29.44	38	E	4	r	29.35	— .06	42	41	+ 1	E	5	om	4	42	38	0.18
‡Holyhead ...	29.35	41	ENE	5	op	29.34	— .03	42	42	+ 1	E	5	cm	3	43	35	0.15
Parsonstown ...	29.37	44	NE	1	o	29.34	— .07	46	44	+ 1	SE	1	om	*	47	42	—
‡Valencia	29.30	46	SE	1	c	29.07	— .15	48	47	+ 3	E	5	cw	5	53	44	0.06
Roche's Point ..	29.29	44	NE	2	b	29.17	— .07	50	49	+ 2	SE	6	rw	5	50	40	0.10
Pembroke ...	29.31	48	WSW	3	bc	29.25	+ .04	46	45	+ 1	ESE	5	o	4	50	45	0.04
‡Scilly	29.31	51	WSW	4	o	29.14	— .12	53	53	+ 2	SSW	4	r	4	53	48	0.38
Prawle Point ...	29.36	49	SW	2	o	29.28	— .03	50	49	+ 1	SE	3	op	3	54	45	0.38
Hurst Castle ...	29.39	49	S	2	cp	29.34	— .07	45	45	— 1	ENE	2	f	2	50	41	0.13
‡Dungeness ...	29.45	45	SE	3	o	29.39	— .09	49	49	— 9	S	3	r	2	49	39	0.34
‡London	29.46	41	ESE	1	d	29.39	— .10	44	44	— 4	Z	o	f	*	45	39	0.53
Oxford	29.43	42	ESE	2	r	29.37	— .10	44	44	— 4	SE	1	pfg	*	44	40	0.12
Cambridge ...	29.48	42	E	1	r	29.42	— .09	44	44	+ 4	E	1	r	*	45	38	0.43
‡Yarmouth ...	29.53	42	ESE	6	rq	29.49	— .08	43	43	+ 2	ESE	5	og	6	43	39	0.35
The Helder ...	29.65	38	E	3	o	29.56	— .05	36	35	0	ESE	4	r	3	51	36	?
Cape Gris Nez...	29.66	43	S	5	o	29.60	— .11	46	46	+ 11	SSW	5	o	4	?	?	0.12
‡Jersey	29.60	50	SSW	3	ogm	? 29.32	— .06	49	49	+ 1	SE	4	omr	3	51	47	0.06
Brest	29.41	51	SW	4	o	29.21	— .15	52	52	+ 1	SW	4	o	5	54	48	0.20
Lorient	29.45	53	WSW	4	o	29.32	— .11	54	54	+ 2	SW	5	r	4	55	48	0.24
‡Rochefort ...	29.59	54	WSW	4	o	29.52	— .07	55	55	+ 4	SSW	5	o	2	55	46	0.16
Biarritz	29.58	58	NW	7	r	29.55	— .04	59	54	+ 5	S	4	o	3	59	52	0.42
Coruna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.51	— .05	42	41	+ 8	SE	1	m	*	43	40	0.08
Charleville ...	? 29.69	39	NW	4	o	? 29.59	— .02	40	39	+ 5	NE	7	r	*	41	34	—
Paris	29.58	46	SSE	1	o	29.50	— .07	49	48	+ 6	SSE	4	m	*	*	*	0.12
Lyons																	
Toulon	29.61	43	NW	4	bu	29.69	+ .12	51	46	+ 6	Z	o	o	*	54	45	—

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fredk Dangerfield Ltd. London

WEATHER CHARTS

For 8 a.m. on WEDNESDAY. 25th November. 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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.

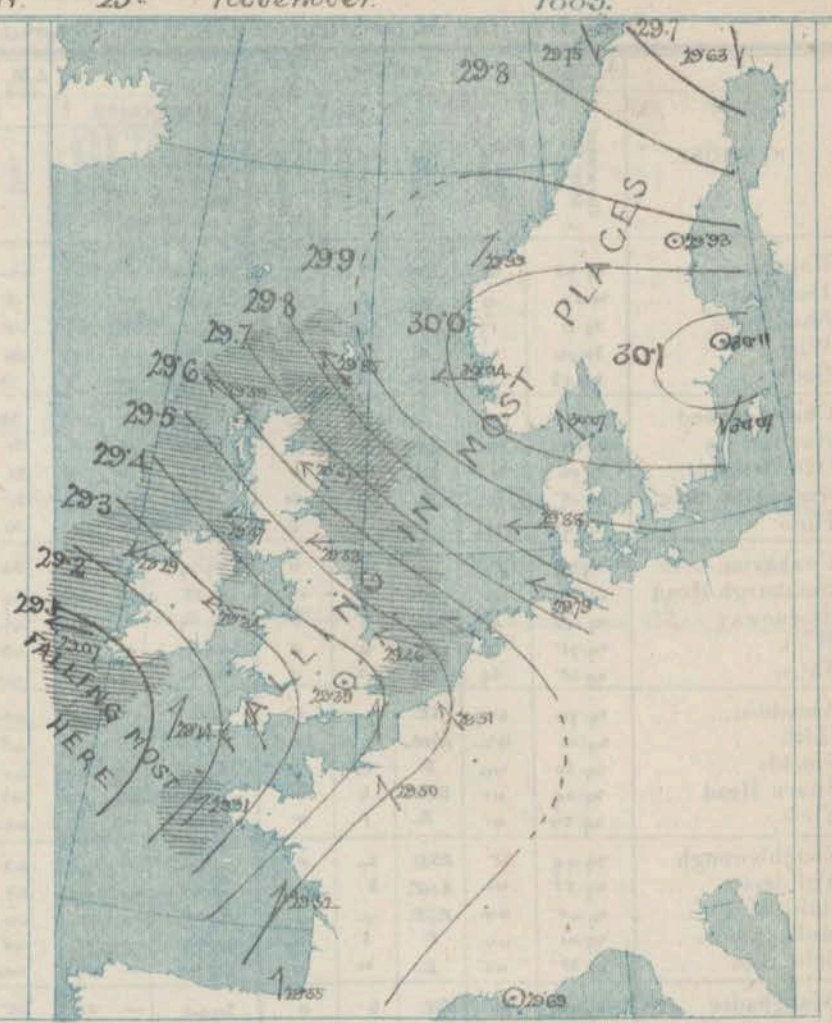
Sea Disturbance — *where considerable, is shown thus*

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of **November**
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. Bar.
Sumburgh Head	29 · 724
Stornoway	29 · 755
Wick	29 · 767
Nairn	29 · 786
Aberdeen	29 · 782
Leith	29 · 820
Shields	29 · 830
York	29 · 847
Ardrossan	29 · 824
Donaghadee	29 · 832
Holyhead	29 · 845
Liverpool	29 · 862
Valencia	29 · 880
Roche's Point	29 · 875
Pembroke	29 · 867
Scilly	29 · 899
Hurst Castle	29 · 885
Dover	29 · 882
LONDON	29 · 885
Oxford	29 · 888
Cambridge	29 · 878
Yarmouth	29 · 856



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather — *is shown by Letters of the Beaufort Scale.*

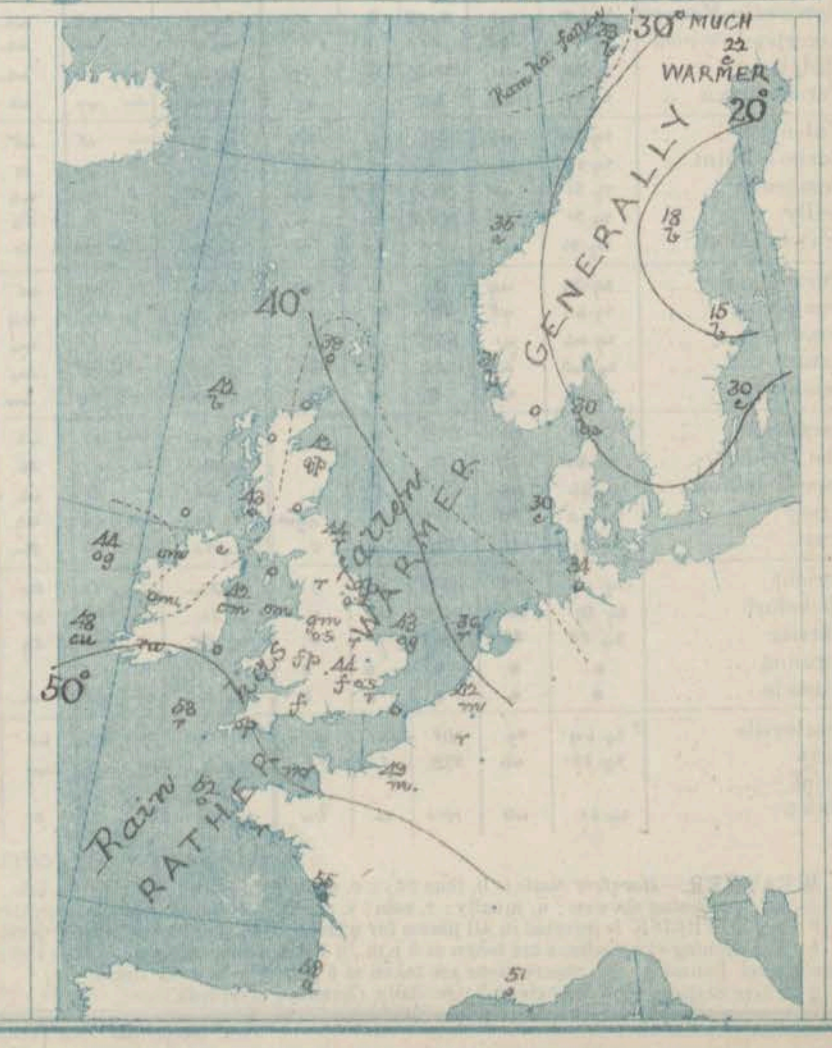
Rainfall. — *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of **November**

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Wednesday 25th November 1885, at 8 a.m.

In the course of the past night a new depression has advanced to the south of Iceland, and the barometer is now falling in nearly all parts of Western Europe – quickly in the Southwest. An anticyclone with readings above 30.4 in. still lies over the Baltic and the SE½ gradients over our islands are becoming steep. Moderate S½ or SW½ breezes prevail over France and the extreme south of England, but elsewhere the wind is E½ or SE½, and on all our more northern coasts it blows with the force of a strong breeze or moderate gale.

The weather is fair in Sweden and Denmark, but cloudy or overcast elsewhere, with rain at many of the English and Irish stations, and fog in the Southeast. In the course of the past 24 hours rain has fallen in most parts of the Kingdom. Temperature has risen a little generally, and readings now range from 53° at Scilly to 39° at Tarbatness Head. The sea is high off the north and northeast of Scotland, rough on the E. coast of England and rather rough on our western coasts.

The movement of the depression in the Southwest will probably be slow, and gales from SE. or E. are likely on all but our Southern coasts.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 20th inst. a fresh gale from S. veering to NW. was experienced in Lat. 45° N., Long. 55° W., the barometer at 4 pm. falling to a minimum of 29.4 in.

FORECASTS

for the 24 hours ending at NOON on 26th November 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SE½ strong winds and gales; dull, squally, some rain.	6	SCOTLAND WEST	Same as Nos 2 and 3.
1	SCOTLAND EAST	..... Do: ..... Do: ..... Do:	7	ENGLAND N.W.	Same as Nos 2 and 3.
2	ENGLAND N.E.	E½ and SE½ winds, strong to a gale; dull, some rain.	8	ENGLAND S.W	S½ and SE½ winds, increasing in force; dull, rainy.
3	ENGLAND EAST	..... Do: ..... Do: ..... Do:	9	IRELAND NORTH	Same as Nos 2 and 3.
4	MIDLAND COUNTIES	Same as No 5.	10	IRELAND SOUTH	Same as Nos 2 and 3.
5	ENGLAND SOUTH	SE½ winds, moderate or fresh; dull, misty, some rain.		WARNINGS	The S. Cone was hoisted yesterday in districts 0 and part of 1, and the N. Cone has been hoisted this morning in districts 2, 6, 7, 9, 10, parts of 3 and 8 and the remainder of 1.

Fredk Dangerfield, Lith. London, (131)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·00	37	36	ESE	4	b	3
Sumburgh Head	29·85	41	36	SE	5	bc	5
Stornoway	29·63	44	43	ESE	4	b	5
Aberdeen	29·71	44	40	SE	4	oq	4
Shields	29·58	44	42	E	6	o	5
Ardrossan	29·53	44	44	ENE	3	o	2
Malin Head	29·43	44	43	ESE	4	o	3
Mullaghmore	29·39	44	43	E	4	om	3
Belmullet	29·37	45	43	ESE	5	oq	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	29·35	41	41	ENE	5	om	3
Valencia	29·28	52	50	SSE	2	bc	3
Scilly	29·30	52	49	W	4	c	4
Dungeness	29·47	43	43	SSE	3	r	2
London	29·46	40	39	ESE	1	omr	*
Yarmouth	29·53	41	40	ESE	5	or	5
Jersey	29·38	51	50	S	3	c	3
Rochefort	29·56	52	51	S	5	r	2

REMARKS.

The barometer is falling at most of the English stations and also at Rochefort, but rising elsewhere. Very little change has occurred in the winds or weather. Rain is still falling in the south east of England. The sea is high at Aberdeen, rather rough on our north and east coasts generally, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Thursday — 26th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9).	Max.	Min.	Amount of Rainfall.
Haparanda	29.93	13	W	0	c	30.11	+.48	-1	-1	-23	N	2	b	•	25	?	-
Hernösand	30.01	25	W	0	b	30.18	+.25	17	17	-1	W	0	c	•	28	9	-
Stockholm	30.09	19	NW	2	b	30.12	+.01	17	17	+2	W	0	b	•	23	12	-
Wisby	30.11	29	ESE	4	0	30.12	+.05	28	24	-2	SSE	4	0	•	32	21	-
Bodö	29.93	32	N	2	bc	29.95	+.20	29	24	-6	E	5	5	2	?	28	-
Christiansund	30.05	34	NNW	3	0	30.06	+.07	32	30	-3	E	2	b	3	?	30	0.08
‡Skudesnaes	30.01	30	ESE	2	0	30.01	-.03	30	24	-1	SSE	4	b	3	34	30	-
Oxö (Xtiansand)	30.02	32	ENE	6	0	30.06	+.02	29	28	-1	NE	6	0	4	32	28	-
Skagen (The Skaw)	30.04	31	ESE	3	b	30.06	-.01	32	30	+2	ESE	4	0	2	33	28	-
Fanö	29.82	30	E	6	b	29.86	-.02	30	?	0	E	6	b	•	32	28	-
Cuxhaven														•			
‡Sumburgh Head	29.84	39	SE	5	0	29.78	-.04	34	36	-2	SE	6	h	6	41	35	0.03
‡Stornoway	29.60	42	ESE	6	b	29.44	-.15	42	41	0	ESE	6	b	6	46	39	-
Wick	29.73	43	SE	8	0	29.60	-.12	43	43	0	SE	9	0	8	44	38	-
Nairn	29.66	38	ESE	3	0	29.51	-.10	40	38	0	SE	4	0	3	42	35	-
‡Aberdeen	29.70	40	SE	4	qp	29.60	-.04	40	38	-2	SE	8	ng	8	44	38	0.26
Leith	29.54	42	SE	3	0	29.48	-.06	43	42	0	SE	4	0	•	44	40	-
‡Shields	29.52	43	E	4	0	29.53	.00	44	43	0	E	4	d	6	44	38	0.09
Spurn Head	29.43	44	E	6	0	29.48	+.05	44	43	+1	E	6	0m	6	44	42	0.05
York	29.46	43	NE	9	m	29.51	+.03	43	42	+1	E	3	m	•	43	41	0.03
Loughborough	29.39	44	SE	2	.0	29.44	+.02	44	43	+1	E	3	0q	•	45	42	0.04
‡Ardrossan	29.51	42	ENE	4	c	29.34	-.10	45	43	+2	ESE	5	0	2	45	40	-
Malin Head	29.41	45	ESE	6	0	29.18	-.19	45	44	+1	ESE	6	0	6	49	43	-
‡Mullaghmore	29.31	45	E	5	0gm	29.03	-.26	43	46	0	ESE	4	0gm	6	48	44	-
‡Belmullet	29.25	46	ESE	6	0	28.89	-.35	47	46	+3	ESE	4	n	•	47	44	0.05
Donaghadee	29.42	45	E	4	0	29.26	-.14	46	45	+1	SE	8	0	6	44	43	0.02
Barrow-in-Furness	29.43	43	SE	2	0	29.38	-.03	43	42	+1	E	5	0u	•	44	41	0.01
Liverpool (Bidston)	29.38	44	E	4	0	29.33	-.05	45	43	+3	E	5	0	4	45	42	0.03
‡Holyhead	29.33	44	ENE		0m	29.24	-.10	47	46	+5	ESE	4	0qm	3	48	34	-
Parsonstown	29.29	46	SE	1	n	28.98	-.26	50	49	+4	SE	3	n	•	50	45	0.18
‡Valencia	29.44	51	SE	2	0q	28.98	-.29	54	52	+6	SSE	4	cmu	6	54	48	0.32
Roche's Point	29.17	49	SE	3	f	28.92	-.25	52	52	+2	S	6	0	5	52	48	0.85
Pembroke	29.28	46	ESE	5	n	29.13	-.12	50	50	+4	ESE	6	hq	5	50	45	0.41
‡Scilly	29.19	53	WSW	4	c	29.10	-.04	55	54	+2	SSW	4	0	6	55	51	0.41
Prawle Point	29.26	51	WSW	2	0	29.29	+.01	52	52	+2	SSE	3	n	3	52	48	0.72
Hurst Castle	29.26	49	ESE	2	n	29.41	+.07	49	49	+4	SSE	2	md	2	49	43	0.19
‡Dungeness	29.34	50	S	4	n	29.46	+.07	48	48	-1	SE	2	n	1	50	44	0.23
‡London	29.34	48	ESE	2	od	29.45	+.06	46	45	+2	E	1	0	•	50	43	0.13
Oxford	29.34	46	ENE	1	n	29.42	+.05	46	45	+2	ESE	2	ogn	•	47	43	0.21
Cambridge	29.39	46	E	1	n	29.48	+.06	45	45	+1	E	1	0	•	47	43	0.24
‡Yarmouth	29.42	44	ESE	4	0q	29.54	+.08	43	42	0	E	5	0q	5	45	41	0.01
The Helder																	
Cape Gris Nez	29.43	48	S	4	n	29.47	+.04	45	45	-1	E	1	n	1	52	43	0.24
‡Jersey	29.28	53	W	5	0mn	29.39	+.04	51	51	+2	SSE	4	ofn	3	53	49	0.54
Brest	29.35	53	N	5	0	29.35	+.14	53	53	+1	SW	4	m	4	54	52	0.47
Lorient	29.41	54	N	4	b	29.47	+.15	54	?	0	NSW	6	n	4	57	48	0.63
‡Rochefort	29.60	55	N	3	n	29.75	+.23	57	54	+2	SW	5	n	2	57	50	0.84
Biarritz																	
Coruuna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.54	+.03	41	41	-1	E	1	m	*	47	40	0.20
Charleville	29.49	43	NE	4	0	29.58	-.01	45	45	+5	NE	1	0	*	46	?36	0.20
Paris	29.34	50	SE	4	n	29.61	+.11	49	?	0	SSE	4	be	*	*	*	0.47
Lyons	29.60	50	SSW	5	0	29.79		48	46		SSW	4	0	*	51	47	0.04
Toulon	29.41	51	W	0	n	29.58	+.19	50	48	-1	NW	4	b	4	57	46	0.16

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred^k Dangerfield Lith. London

WEATHER CHARTS

For 8 a.m. on Thursday, 26th November. 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

Wind — *Arrows show the prevailing 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.

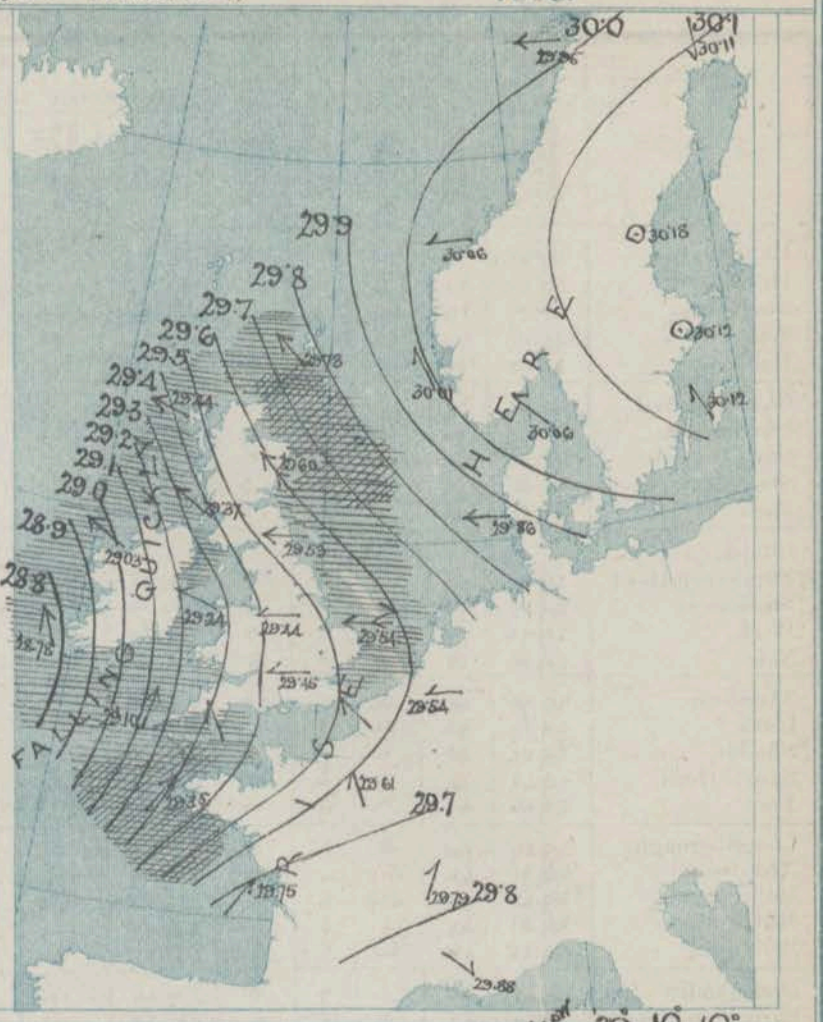
Sea Disturbance — *where considerable is shewn thus*

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29 · 724
Stornoway	29 · 755
Wick	29 · 767
Nairn	29 · 786
Aberdeen	29 · 782
Leith	29 · 820
Shields	29 · 830
York	29 · 847
Ardrossan	29 · 824
Donaghadee	29 · 832
Holyhead	29 · 845
Liverpool	29 · 862
Valencia	29 · 880
Roche's Point	29 · 875
Pembroke	29 · 867
Scilly	29 · 899
Hurst Castle	29 · 885
Dover	29 · 882
LONDON	29 · 885
Oxford	29 · 888
Cambridge	29 · 878
Yarmouth	29 · 855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shewn by Letters of the Beaufort Scale.

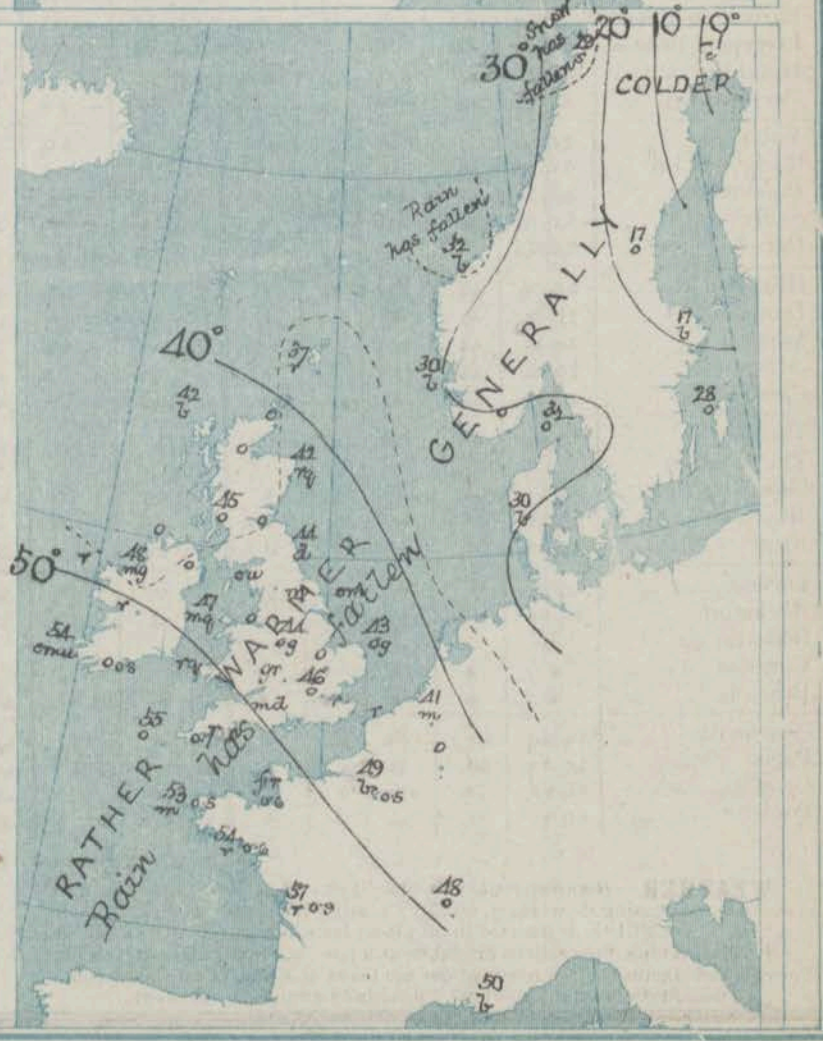
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of November

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL. (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Thursday 26th November 1885, at 8 a.m.

The depression which lay off the south of Ireland yesterday has been joined during the night by a new and deeper disturbance, and the barometer is now falling quickly on our western coasts. At the Continental stations, however, the mercury is rising somewhat, and the highest pressures are still found over Scandinavia. Moderate offshore S. breezes prevail on our southern and the French coasts, but elsewhere the wind is SE. or E. and at our northern and north-western stations it blows with the force of a fresh or strong gale. The weather is fine at some of the Scandinavian and Danish stations, but dull and misty elsewhere, with rain in many places. In the course of the past 24 hours rain has fallen on all but our extreme northern and north-western coasts, the largest amounts being 0·9 in: at Rockle Point and 0·7 in: at Rawle Point. Temperature has risen a little generally, and readings now range from 53° at Scilly to 37° at Lemburgh Head. The sea is very high at Wick and Aberdeen, and rough on most other parts of our coasts.

The depression in the south-west will probably move slowly in a northerly direction, and gales are likely on all but our south-east coasts

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington US reports that on the 21st Inst: a strong gale from E. backing to NE. was experienced in Lat: 43° N. Long: 59° W. the barometer at Midnight falling to a minimum of 29·2 ins:. On the 22nd a whole gale from the same quarters was felt in Lat: 44° N. Long 56° W. the barometer at 11am falling to a minimum of 29·3 ins:

FORECASTS

for the 24 hours ending at NOON on 27th November *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE. gales; dull, squally, some rain.	6 SCOTLAND WEST	Same as No 2
1 SCOTLAND EAST	----- Do ----- Do ----- Do ----	7 ENGLAND N.W.	Same as No 2
2 ENGLAND N.E.	E. and SE. Winds, strong to a gale; dull, unsettled, some rain.	8 ENGLAND S.W	S. to SW. winds, strong to a gale, squally, rainy.
3 ENGLAND EAST	----- Do ----- Do ----- Do ----	9 IRELAND NORTH	SE. to S. strong winds and gales; squally, rainy.
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	Same as No 8
5 ENGLAND SOUTH	SE. winds, freshening; dull, unsettled, some rain.	WARNINGS	The south cone has been hoisted this morning in parts of districts 5 and 8 and rehoisted in 0. and part of 1. The signals are still flying in districts 2. 3. 6. 7. 9. 10. and the remainder of 1 and 8

Fredk Dangerfield, Lith. London, (13)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·02	33	28	ESE.	4	be	3
Sumburgh Head	29·64	40	37	W.	5	a	5
Stornoway	29·59	46	44	ESE.	6	b	6
Aberdeen	29·69	41	38	SE.	7	pq	7
Shields	29·53	43	41	E.	7	o	6
Ardrossan	29·47	43	41	E.	4	o	2
Malin Head	29·40	45	43	ESE.	5	o	4
Mullaghmore	29·30	45	44	E.	5	od	4
Belmullet	29·25	46	44	ESE.	3	c	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	29·31	45	44	E.	5	bcm	3
Valencia	29·09	53	51	E.	4	o	4
Scilly	29·14	54	53	WSW	4	o	4
Dungeness	29·26	50	50	S	4	o	3
London	29·32	49	47	ESE	1	ofd	*
Yarmouth	29·42	45	44	ESE	4	odm	6
Jersey	29·22	50	50	SW	4	f	3
Rochefort	29·50	55	54	WSW	5	r	3

REMARKS.

The barometer is now rising a little on our western and northern coasts, but falling elsewhere. The force of the wind has decreased in Ireland, but on our north east coasts moderate gales from SE. or E. are still reported. Drizzling rain is falling in the south east of England and also at Mullaghmore. The sea is high at Aberdeen, rough in the north and east, generally.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Friday 27th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	30·10	21	SW	2	o	29·99	− 12	24	23	+ 25	frSW	2	bc	*	?	− 5	–
Hernösand	30·26	28	X	0	o	30·23	+ 05	29	24	+ 10	X	0	b	*	29	14	–
Stockholm	30·24	30	X	0	o	30·23	+ 11	30	29	+ 13	ESE	2	o	*	32	?	–
Wisby	30·17	29	E	2	b	30·21	+ 09	29	26	+ 1	SSE	2	b	*	34	23	–
Bodö																	
Christiansund																	
‡Skudesnaes																	
Oxö (Xtiansund)																	
Skagen (The Skaw)	30·06	31	SE	5	c	29·88	− 18	31	30	− 1	SE	5	o	4	34	30	–
Fanö	29·98	31	E	6	c	29·55	− 31	31	31	+ 1	ESE	8	8	*	34	30	0·12
Cuxhaven	29·82	29	E	5	o	29·58		34	34		SSE	8	mv	*	34	28	0·04
‡Sumburgh Head	29·60	38	SE	8	h	29·20	− 58	39	39	+ 2	SE	8	h	8	40	35	0·13
‡Stornoway	29·15	45	ESE	8	cgf	28·73	− 71	46	45	+ 4	ESE	7	h qf	6	47	40	008
Wick	29·39	42	SE	10	o	28·92	− 68	43	43	o	SE	10	o	9	43	40	0·08
Nairn	29·27	42	SE	4	o	28·80	− 71	46	44	+ 6	SE	5	o	3	47	39	0·03
‡Aberdeen	29·37	43	SE	9	hq	28·90	− 70	46	46	+ 4	SE	8	h	9	46	40	0·55
Leith	29·18	43	SE	4	h	28·79	− 69	49	48	+ 6	S	1	c	*	49	40	0·25
‡Shields	29·24	43	SE	8	h	28·98	− 55	49	45	+ 5	SW	5	o	6	49	32	0·55
Spurn Head	29·22	42	ESE	8	h	29·14	− 34	50	48	+ 6	SW	6	cu	5	50	38	0·16
York	29·23	43	E	4	h	29·14	− 37	48	44	+ 5	W	6	o	*	51	42	0·55
Loughborough	29·21	48	SE	3	o	29·24	− 20	48	46	+ 4	frSW	5	cqp	*	51	43	0·33
‡Ardrossan	29·03	45	ESE	5	o	28·83	− 54	47	46	+ 2	frSW	7	h	5	48	43	0·25
Malin Head	28·74	47	ESE	7	bc	28·53	− 35	45	44	o	W	7	h	6	52	44	0·13
‡Mullaghmore	28·62	52	SSE	6	cqp	28·99	− 04	44	42	− 4	W	7	qp	6	53	44	0·50
‡Belmullet	28·53	50	SE	5	cp	29·05	+ 16	45	42	− 2	W	9	b	8	52	44	0·46
Donaghadee	28·90	50	SE	7	o	28·98	− 28	44	42	− 2	W	7	c	6	50	42	0·66
Barrow-in-Furness	29·07	46	E	6	c	29·06	− 32	46	43	+ 3	SW	6	o q	*	48	42	0·59
Liverpool (Bidston)	29·04	47	ESE	4	bc	29·15	− 18	45	40	o	frSW	7	bc	5	50	44	0·81
‡Holyhead	28·97	51	SSE	6	cm	29·17	− 04	45	42	− 2	frSW	9	bcmq	6	51	40	0·32
Parsonstown	28·71	51	SSE	8	o	29·24	− 26	44	40	− 6	W	1	bc	*	54	41	0·43
‡Valencia	28·65	52	SW	8	cmq	29·33	+ 55	46	46	− 8	SW	6	hmq	6	55	45	0·43
Roche's Point	28·98	50	WSW	8	h	29·38	+ 46	47	45	− 5	WSW	5	h	5	54	45	0·32
Pembroke	28·99	52	S	6	bc	29·39	+ 26	50	46	o	WSW	8	o q	8	53	49	0·54
‡Scilly	29·05	54	SW	7	o	29·52	+ 42	52	48	− 3	WSW	6	o	7	55	49	0·23
Prawle Point	29·19	54	SSW	6	c	29·53	+ 24	50	47	− 2	frSW	6	cq	6	54	47	0·23
Hurst Castle	29·29	53	SW	6	cq	29·50	+ 09	48	46	− 1	W	7	bc	5	54	46	0·45
‡Dungeness	29·34	52	SW	5	h	29·52	+ 06	51	50	+ 3	WSW	5	h	4	53	43	0·70
‡London	29·28	53	SS	4	oh	29·43	− 02	49	47	+ 3	WSW	5	qp	*	54	45	0·52
Oxford	29·21	51	S	4	bc	29·39	− 03	49	45	+ 3	WSW	5	b	*	53	46	0·41
Cambridge	29·25	49	SE	1	c	29·34	− 14	49	47	+ 4	SW	3	c	*	52	43	0·33
‡Yarmouth	29·35	44	ESE	8	h qu	29·31	− 23	50	48	+ 7	SW	4	c	4	50	41	0·32
The Helder	29·53	33	ESE	3	h	29·39		46	46		SSW	5	o	3	48	32	0·63
Cape Gris Nez																	
‡Jersey	29·34	53	SW	5	ogp	29·62	+ 23	51	49	o	W	8	am	6	54	49	0·60
Brest	29·36	54	SW	8	f	29·67	+ 32	52	49	− 1	W	7	o	7	54	50	0·12
Lorient	29·44	56	SW	9	m	29·96	+ 29	53	50	− 1	W	7	c	7	59	48	0·24
‡Rochefort	29·71	58	SSW	7	h	29·95	+ 20	55	53	− 2	WSW	8	o	3	59	50	–
Biarritz																	
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29·56	+ 02	52	50	+ 11	SW	5	o	*	54	?	0·47
Charleville	? 29·65	53	NE	4	h	? 29·69	+ 11	50	49	+ 5	S	4	h	*	54	38	0·35
Paris	29·63	55	S	4	o	29·75	+ 14	53	50	+ 4	S	4	b	*	*	*	0·24
Lyons	29·84	51	WNW	1	b	29·97	+ 18	50	46	+ 2	SSW	1	b	*	56	49	–
Toulon	29·84	54	NW	5	bc	29·95	+ 07	50	48	o	E	3	o	2	61	48	–

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Wangerield Lith. London

WEATHER CHARTS

for 8 a.m. on Friday, 27th November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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.

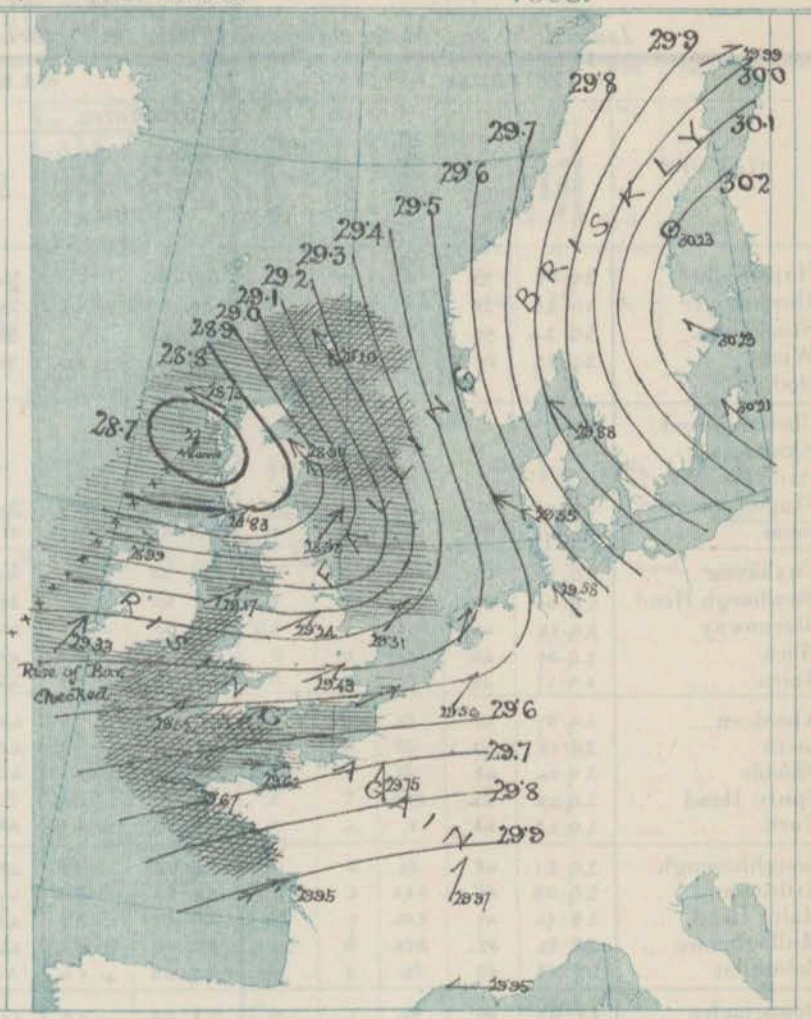
Sea Disturbance — *where considerable, is shewn thus*

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. Ins.
Sumburgh Head	29 · 724
Stornoway	29 · 755
Wick	29 · 767
Nairn	29 · 786
Aberdeen	29 · 782
Leith	29 · 820
Shields	29 · 830
York	29 · 847
Ardrossan	29 · 824
Donaghadee	29 · 832
Holyhead	29 · 845
Liverpool	29 · 863
Valencia	29 · 880
Roche's Point	29 · 875
Pembroke	29 · 867
Scilly	29 · 899
Hurst Castle	29 · 885
Dover	29 · 882
LONDON	29 · 885
Oxford	29 · 888
Cambridge	29 · 878
Yarmouth	29 · 855



TEMPERATURE, & WEATHER at 8 A.M.,

with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

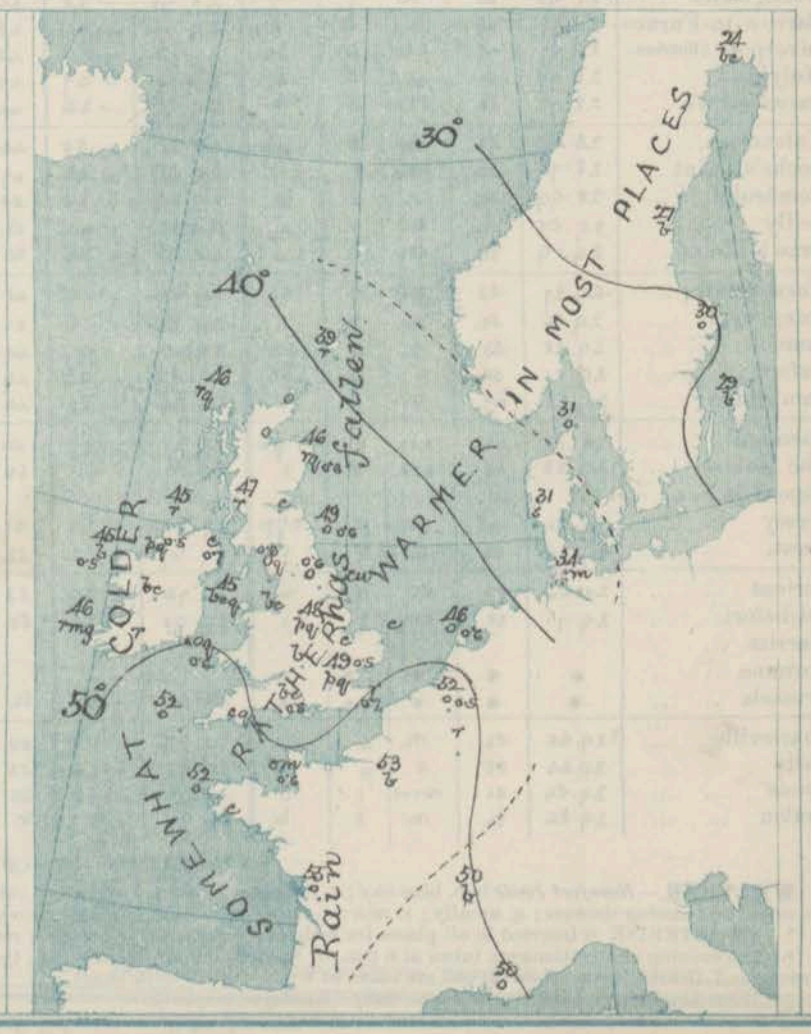
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of November

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·8	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Friday 27th November. 1885. at 8 a.m.

The deep depression which was approaching Ireland yesterday has moved in a NNE¾ direction, and now has its centre off the west of Scotland. The barometer has therefore continued to fall on our northern coasts, but in the west and south a brisk recovery of pressure has taken place. The highest readings are still found over Sweden, and gradients over Scandinavia and the North Sea are very steep. Fresh or strong SE¾ gales are reported over Scotland and the eastern shores of the North Sea, but over England, Ireland and France the wind is strong from SW. or W. SE¾ gales were experienced yesterday on all our NW., N., and E. coasts, and SW¾ gales in the south of Ireland. The weather is dull and rainy in Scotland and the south of Ireland, and showery in many other localities. During yesterday heavy rain fell generally, the largest amounts being 0·8 in. at Hurst Castle, 0·7 in. at Donaghadee and Dungeness, and 0·6 in. at Aberdeen, Shields, York, and Barrow in Furness, Pembroke and Jersey. At the summit of Ben Nevis the barometer at 6pm yesterday stood at 24·4 ins: with a storm from ESE. a temperature of 26° and snow. Temperature has risen over Great Britain, but fallen in Ireland; readings now range from 52° at Scilly to 39° at Lumburgh Head. A "tremendous" sea is running at Wick and Aberdeen, a very high sea at Lumburgh Hd and Pembroke, and a rough sea on nearly all parts of our coasts.

The depression off the west of Scotland will probably continue to move in a NNE¾ direction; but at Valencia the recovery of pressure is reported to be "much checked", and there are some indications of the advance of a subsidiary disturbance towards our south west coasts.

FORECASTS

for the 24 hours ending at NOON on 28th November. 1885.

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE¾ gales, veering and moderating later; dull and rainy to fair.	6 SCOTLAND WEST	SW¾ and W¾ strong winds or gales; squally, showery.
1 SCOTLAND EAST	------ Do. ------ Do. ------ Do. ----	7 ENGLAND N.W.	------ Do. ------ Do. ------ Do. ----
2 ENGLAND N.E.	SW¾ and S¾ winds, strong; unsettled, showery.	8 ENGLAND S.W	SW¾ to W¾ strong winds and gales; squally, rainy.
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	Same as No 6
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	Same as No 7.
5 ENGLAND SOUTH	W¾ to SW¾ winds, strong and squally; fair to unsettled and rainy.	WARNINGS	The south cone is still flying in districts 0. 1 and 8.

Fredk Dangerfield, Lith. London, (13).

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.98	53	52	SE	2	c	3	Holyhead	29.02	49	49	ESE	6	rmqu	5
Sumburgh Head	29.68	40	38	SE	4	o	4	Valencia	28.60	53	51	SSW	8	omw	4
Stornoway	29.24	45	43	ESE	8	bqf	4	Scilly	29.04	55	53	SSW	4	e	6
Aberdeen	29.48	43	41	SE	8	r qf	8	Dungeness	29.39	50	50	S	3	r	3
Shields	29.57	44	43	E	8	o	6	London	29.33	51	50	ESE	2	ofr	*
Ardrossan	29.16	46	44	ESE	4	r	3	Yarmouth	29.49	44	43	ESE	6	ogqf	6
Malin Head	28.84	45	44	ESE	9	r	6	Jersey	29.32	54	53	SW	5	o	4
Mullaghmore	28.94	49	48	ESE	4	opq	6	Rochefort	29.42	59	55	WSW	5	o	2
Belmullet	28.63	51	50	SE	5	op	*								

REMARKS.

The deep depression in the west is moving slowly northward, but the barometer continues to fall generally. At Valencia the wind has veered from SSE. to SSW. and on our northern coasts SE by E gales continue. Rain is falling in many parts of the Kingdom. The sea is high on our northern coasts as well as at Valencia, and rough in most other places.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Saturday 28th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	29.93	17	SW	2	b	29.92	-.07	30	28	+6	SW	4	o	*	?	16	-
Hernösand	30.13	38	S	2	o	29.95	-.28	33	30	+6	S	6	o	*	34	21	-
Stockholm	30.07	28	SSE	4	b	†29.81	-.42	32	32	+2	ESE	6	o	*	34	28	-
Wisby	30.02	28	SE	6	b	29.80	-.41	30	30	+1	SE	4	o	*	32	28	-
Bodö	29.76	31	E	2	b	29.53	-.41	30	25	-1	ENE	6	bc	3	?	28	-
Christiansund	29.45	40	SE	4	c	29.35	-.41	41	35	+5	SE	1	o	2	41	32	-
‡Skudesnaes	29.41	39	E	8	o	29.32	-.26	41	37	+4	ESE	8	o	6	!	?	-
Oxö (Xtiansand)	29.56	35	ENE	8	s	29.49	-.30	36	36	+1	ENE	6	r	4	!	34	0.55
Skagen (The Skaw)																	
Fanö	29.54	39	SW	4	c	29.54	-.01	41	41	+10	S	6	o	*	41	?	0.39
Cuxhaven	29.55	41	SW	4	r	29.71	+.13	41	41	+4	S	2	bc	*	43	34	0.40
‡Sumburgh Head	28.94	42	SE	8	r	29.05	-.15	42	40	+3	SSE	3	o	6	46	36	0.20
‡Stornoway	28.91	44	W	6	bq	29.01	+.28	36	36	-10	W	2	cq	1	49	34	0.10
Wick	28.97	45	W	2	c	29.01	+.09	41	39	-2	NW	1	o	3	47	38	0.02
Nairn	29.03	42	SE	2	b	29.00	+.20	38	37	-8	W	0	d	1	52	38	0.02
‡Aberdeen	29.12	43	SW	4	bc	28.92	+.02	41	40	-5	N	5	r	6	49	38	0.31
‡Leith	29.22	42	S	3	b	28.86	+.07	44	44	-5	NE	1	rm	*	50	38	0.33
‡Shields	29.35	45	SW	2	bm	28.94	-.04	52	51	+3	SSW	2	r	4	52	40	0.05
Spurn Head	29.46	44	S	5	r	29.06	-.08	50	50	0	S	6	rqm	5	50	39	0.25
York	29.42	45	SSW	3	o	29.03	-.11	52	51	+4	S	4	r	*	52	43	0.13
Loughborough	29.50	48	WSW	4	c	29.12	-.12	53	52	+5	SSW	5	oqp	*	58	41	0.37
‡Ardrossan	29.22	46	SW	6	b	28.90	+.07	42	41	-5	NNW	1	p	1	48	39	0.31
Malin Head	29.14	42	SSW	3	b	29.04	+.21	43	42	-2	NW	5	or	4	50	40	0.20
‡Mullaghmore	29.19	44	SW	3	bm	29.04	+.05	44	42	0	NNW	5	cm	5	47	42	0.19
‡Belmullet	29.16	44	S	4	o	29.16	+.11	44	42	-1	NW	3	c	o	47	43	0.11
Donaghadee	29.29	42	WSW	3	b	28.84	-.14	48	48	+4	NW	3	r	3	51	40	0.23
Barrow-in-Furness	29.36	46	SW	4	c	28.95	-.11	48	48	+2	SSE	5	rq	*	51	44	0.38
Liverpool (Bidston)	29.40	45	SSW	2	r	28.99	-.16	52	51	+4	S	3	o	3	54	45	0.54
‡Holyhead	29.35	48	SSW	6	mrq	28.99	-.18	51	51	+6	SSW	5	oqm	4	52	41	0.84
Parsonstown	29.26	46	SSW	1	r	29.14	-.10	46	44	+2	NE	1	o	*	56	41	0.81
‡Valencia	29.09	52	S	1	ru	29.22	-.11	48	48	+2	W	2	rmq	2	56	45	0.69
Roche's Point	29.25	50	SW	6	r	29.19	-.19	50	48	+3	WNW	3	c	5	52	46	1.25
Pembroke	29.41	50	SSW	8	r	29.13	-.26	52	52	+2	SW	6	c	1	54	48	0.70
‡Scilly	29.54	52	SSW	6	r	29.31	-.21	55	55	+3	WSW	8	r	1	55	46	0.73
Prawle Point	29.66	51	SW	6	o	29.30	-.23	54	54	+4	SW	8	p	1	54	46	0.80
Hurst Castle	29.68	51	SW	6	c	29.34	-.16	52	52	+4	SW	9	r	6	53	49	0.51
‡Dungeness	29.69	51	WSW	6	c	29.44	-.08	51	51	0	SW	7	r	6	53	50	0.35
‡London	29.65	50	SW	4	o	29.31	-.12	53	51	+4	S	3	rq	*	54	48	0.20
Oxford	29.59	49	SW	5	bc	29.23	-.16	53	52	+4	S	6	pq	*	58	48	0.22
Cambridge	29.59	48	SW	3	o	29.22	-.12	52	52	+3	SSW	4	o	*	58	41	0.16
‡Yarmouth	29.59	45	SSW	2	c	29.29	-.02	50	50	0	SSW	5	rq	5	50	43	0.19
The Helder	29.65	45	WSW	5	r	29.49	+.12	47	46	+1	SSW	8	r	4	48	43	0.08
Cape Gris Nez	29.71	60	W	6	b			48	46		SW	8	r	8	50	39	0.28
‡Jersey	29.89	51	SW	6	cm	29.50	-.12	52	52	+1	SW	8	rm	6	52	49	0.94
Brest																	
Lorient	29.88	54	SW	7	o	29.64	-.09	55	?	+2	WSW	11	r	8	59	48	0.32
‡Rochefort	30.04	55	WSW	7	o	29.99	+.04	51	50	-4	S	5	o	2	59	46	-
Biarritz																	
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*									*			
Charleville	?29.95	49	SE	3	o	? 29.90	+.21	49	48	-1	SW	7	o	*	54	?	0.16
Paris	29.92	52	S	4	bc	29.81	+.06	52	52	-1	SE	5	bc	*	*	*	-
Lyons														*			
Toulon																	

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

WEATHER CHARTS

for 8 a.m. on Saturday, 28th November. 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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 —*

⊙ = dead calm.

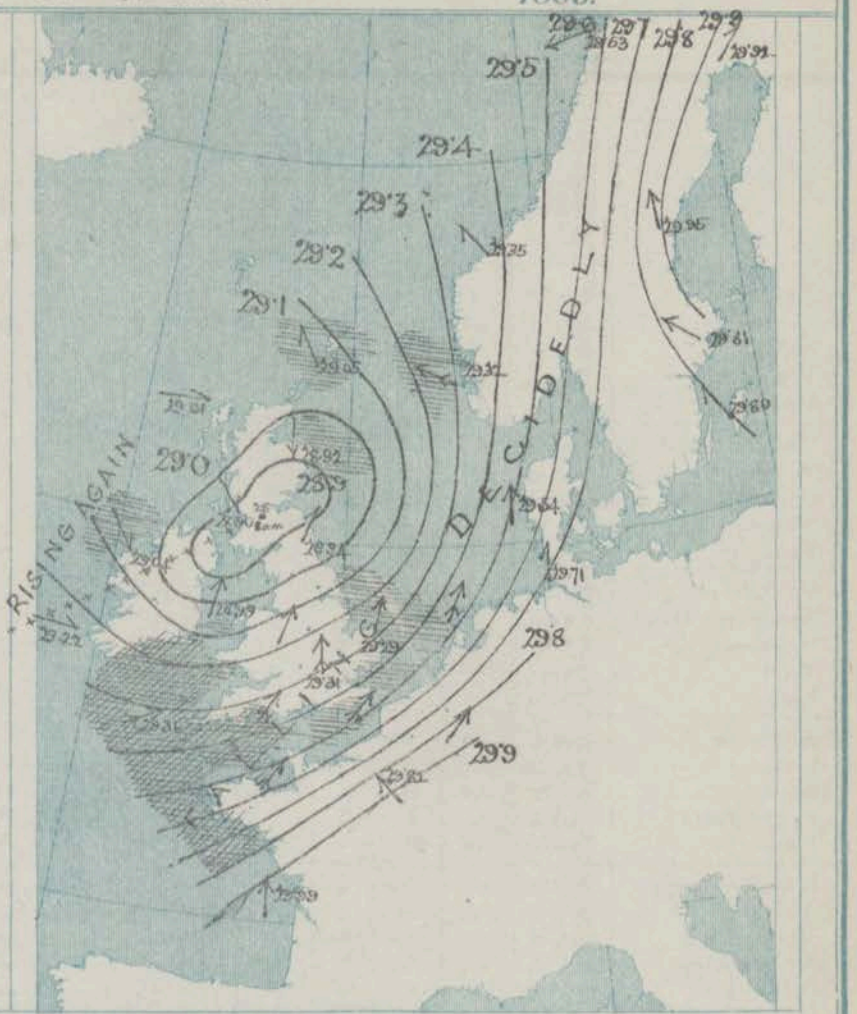
Sea Disturbance — *where considerable, is shown thus*

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of **November**.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·890
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

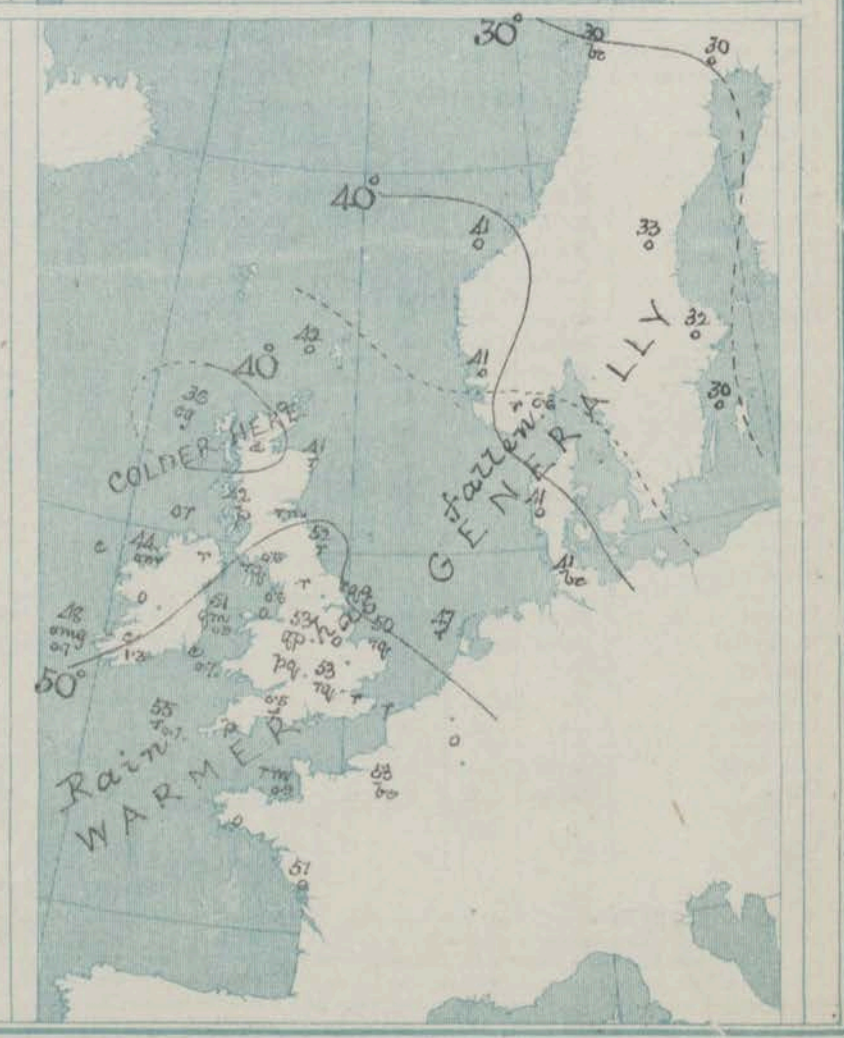
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of **November**

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Saturday 28th November. 1885, at 8 a.m.

The depression which lay off the west of Scotland yesterday has passed away to the N.N.E., but in the course of the night a new and deep disturbance has advanced over our Islands from the S.W. The centre of this system, in which there are apparently two minima, is now lying over the south of Scotland, and the barometer is falling at all but our western stations, where a recovery of pressure has set in. The wind is light from W. in the north of Scotland, and moderate from N.W. or W. in Ireland, but over England and the north of France it is strong to a gale from S.W. or S., while in the south of Norway there is a fresh gale from the E.N.E. Great to strong S.W. gales were experienced last night in the south of Ireland. The weather is cloudy or overcast at most stations, with rain in many parts of Great Britain, as well as in the Netherlands and north of France. In the course of the past 24 hours rain has fallen generally, the largest amounts being 1·3 ins. at Rock Point, 0·9 in. at Holyhead, and 0·7 in. at Valencia, Pembroke and Scilly. Thunder occurred at Cambridge last night. At the summit of Ben Nevis the barometer at 6pm yesterday stood at 24·67 ins.; with a moderate W.S.W. breeze, a temperature of 26° and snow. Temperature has fallen several degrees in Scotland, but risen elsewhere, readings now range from 55° at Scilly to 35° at Stornoway. The sea is very high at Cape Finisterre and Ushant, high off the south west of England and rough on all but our extreme western coasts.

The fall of meteorites was reported very generally from Western Europe, where the sky was clear.

The depression over Scotland will probably move in a N.N.E. direction, but conditions are likely to remain very unsettled.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 23rd inst a whole gale from W. veering to N.W. was experienced in Lat. 46° N. Long 41° W., the barometer at 4 am falling to a minimum of 29·0 ins. On the same day a fresh gale from S.W. veering to N. was experienced in Lat 47° N. Long 47½ W. the barometer at 10 am falling to a similar point. On the 25th inst: a fresh gale from S.E. backing to E. was felt in Lat 42° N. Long 55° W. the barometer at 9pm falling to a minimum of 29·5 ins.

FORECASTS

For the 24 hours ending at NOON on 29th November. *1885.*

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W.S.W. and N.W.by W. winds, moderate or fresh; dull, rainy.	6 SCOTLAND WEST	W.S.W. or N.W.by W. winds, moderate to strong; squally, showery.
1 SCOTLAND EAST	----- Do. ----- Do. ----- Do. -----	7 ENGLAND N.W.	S.S.W. to W.S.W. winds, strong, perhaps a gale; squally, showery.
2 ENGLAND N.E.	S.S.W. or S.W.by W. strong winds or gales, moderating later; dull and rainy to fair.	8 ENGLAND S.W	S.W.by W. to W.S.W. gales, moderating later; squally, showery.
3 ENGLAND EAST	----- Do. ----- Do. ----- Do. -----	9 IRELAND NORTH	N.W.by W. and W.S.W. winds, fresh; squally, showery.
4 MIDLAND COUNTIES	----- Do. ----- Do. ----- Do. -----	10 IRELAND SOUTH	----- Do. ----- Do. ----- Do. -----
5 ENGLAND SOUTH	S.S.W. and S.W.by W. gales, moderating later; dull and rainy at first, but afterwards improving.	WARNINGS	The south cone was rehoisted yesterday in districts 3.5.7 to 10 and parts of 2 and 6. It has been lowered this morning in districts 9 and 10.

Frederick Dangerfield, Lith. London, 1331

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.42	40	34	E.SE	8	o	6
Sumburgh Head	29.02	41	41	SE	8	o	8
Stornoway	28.96	47	47	SW	6	q d	5
Aberdeen	28.94	47	45	SW	4	c	9
Shields	29.21	47	43	W	4	b	6
Ardrossan	29.18	46	44	WSW	7	b	6
Malin Head	29.11	43	41	W	6	bc	6
Mullaghmore	29.19	47	42	NW	6	bc	6
Belmullet	29.19	47	41	WNW	6	b	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	29.35	47	45	SW	8	o m q u	6
Valencia	29.80	50	49	SW	6	r q m	6
Scilly	29.54	53	50	SW	6	o.	7
Dungeness	29.64	52	51	W	5	bc	4
London	29.60	54	48	WSW	4	bc	*
Yarmouth	29.52	45	43	WSW	4	c	4
Jersey	29.74	52	50	SW	6	o	5
Rochefort	30.04	58	53	WSW	8	o	3

REMARKS.

The depression noticed off the west of Scotland this morning is moving away to the northward, but the barometer has begun to fall again at Valencia. In Scotland the wind is veering and moderating, but on our west and southwest coasts it is backing and rain is falling in the S. of Ireland. The sea is still very high off the north and east of Scotland, high at Scilly, and rough on most other parts of our coasts.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Sunday 29th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			Wind.			Barometer.		Shade Temp.			Wind.				Shade Temp.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dft.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force (0 to 12)	Weather.	Sea (0 to 9.	Max.	Min.	Amount of Rainfall.
Haparanda	29.70	32	Z	0	bc	29.45	— .47	17	17	— 13	SE	4	s	*	30	10	0.04
Hernösand	29.51	33	S	4	0	29.28	— .67	35	35	+ 2	S	6	r	*	36	30	0.16
Stockholm	29.54	35	SSW	2	0	29.15	— .66	39	39	+ 7	SSW	4	r	*	?	27	0.12
Wisby	29.67	35	SE	4	c	29.17	— .63	41	41	+ 11	SSE	4	r	*	?	23	0.20
Bodö	29.31	32	E	2	c	29.04	— .49	33	33	+ 3	E	6	c	1	34	27	—
Christiansund	29.01	39	SE	2	c	29.06	— .29	37	36	— 4	WSW	5	r	3	?	34	0.08
‡Skudesnaes	28.80	42	ESE	4	r	29.26	— .96	44	42	+ 3	WNW	8	r	6	?	41	0.98
Oxö (Xtiansand)	28.90	43	ESE	8	r	29.16	— .33	43	39	+ 7	W	6	c	3	43	?	2.04
Skagen (The Skaw)	29.03	42	S	7	r	29.02	— .82	41	41	+ 3	NW	5	o	5	43	?	0.43
Fanö	29.04	44	SW		o	29.48	— .06	43	41	+ 2	W	8	c	*	45	?	0.24
Cuxhaven	29.35	41	SSW	7	r	29.65	— .06	43	43	+ 2	W	4	c	*	47	31	0.44
‡Sumburgh Head	28.98	42	NNW	4	c	29.26	+ .21	43	42	+ 1	W	4	r	4	46	39	0.10
‡Stornoway	29.22	38	WNW	?	b	29.34	+ .33	41	41	+ 5	SSW	4	b	3	43	34	0.03
Wick	29.10	39	NW	3	c	29.31	+ .30	39	37	— 2	NW	1	c	1	42	35	0.04
Nairn	?29.19	? 38	NW		bc	29.40	+ .40	40	38	+ 2	SW	2	b	2	41	31	0.11
‡Aberdeen	29.16	40	NW	5	c	29.47	+ .35	35	33	— 6	WSW	1	bc	2	41	31	0.18
Leith	29.24	41	S	2	bc	29.49	+ .63	40	38	— 4	S	1	cw	*	44	38	0.12
‡Shields	29.27	45	NW	3	b	29.60	+ .66	41	40	— 11	SW	2	cw	2	55	38	0.03
Spurn Head	29.29	45	WNW	6	b	29.66	+ .60	42	41	— 8	SSW	3	og	4	54	40	0.06
York	29.28	45	NNW	4	b	29.66	+ .63	40	39	— 12	SE	1	r	*	56	38	0.04
Loughborough	29.44	46	WNW	5	b	29.67	+ .35	41	40	— 12	ESE	1	rq	*	56	39	0.10
‡Ardrossan	29.34	44	WSW	4	c	29.46	+ .56	42	41	0	SE	3	ob	3	45	41	0.03
Malin Head	29.41	42	NW	4	b	29.30	+ .26	37	37	— 6	SE	4	oqf	3	45	36	0.08
‡Mullaghmore	29.47	43	?	5	b	29.27	+ .23	41	40	— 3	SE	6	pq	5	46	39	0.07
‡Belmullet	29.36	42	NW	3	b	29.15	— .01	44	43	0	SE	7	ogm	*	45	39	0.11
Donaghadee	29.45	40	NW	2	b	29.46	+ .62	42	41	— 6	S	2	r	7	48	34	0.03
Barrow-in-Furness	29.35	43	WNW	5	o	29.54	+ .59	41	41	— 7	SE	5	o	*	49	40	0.04
Liverpool (Bidston)	29.43	45	W	5	bc	29.57	+ .58	41	40	— 11	ESE	2	r	3	54	40	0.07
‡Holyhead	29.48	45	WNW	6	bc	29.49	+ .50	43	43	— 8	ESE	4	rm	3	52	37	0.01
Parsonstown	29.57	39	Z	0	b	29.30	+ .16	48	47	+ 2	SSE	1	om	*	48	35	0.02
‡Valencia	29.60	44	NW	3	b	29.32	+ .10	56	55	+ 8	SW	8	omq	7	58	37	0.41
Roche's Point	29.60	45	WNW	3	b	29.39	+ .20	55	55	+ 5	WSW	5	r	5	58	37	0.25
Pembroke	29.51	49	W	4	b	29.46	+ .33	53	53	+ 1	SSW	6	rf	6	53	45	0.38
‡Scilly	29.63	53	W	5	bc	29.61	+ .30	55	55	0	SW	7	rm	6	55	49	0.19
Prawle Point	29.64	49	WNW	3	b	29.63	+ .33	54	54	0	SW	5	rq	5	54	47	0.19
Hurst Castle	29.59	50	W	5	b	29.64	+ .30	50	50	— 2	SSW	6	rm	5	53	45	0.30
‡Dungeness	?29.54	52	W	6	b	29.74	+ .30	51	51	0	S	8	r	3	53	41	0.15
‡London	29.50	50	W	3	b	29.70	+ .39	43	42	— 10	SE	2	r	*	59	39	0.15
Oxford	29.62	45	SW	3	b	29.69	+ .40	44	44	— 9	SE	4	r	*	58	40	0.14
Cambridge	29.47	48	SW	3	o	29.70	+ .48	42	42	— 10	SE	1	r	*	59	37	0.07
‡Yarmouth	29.38	51	WNW	6	c	29.75	+ .46	41	40	— 9	SSW	2	afq	3	55	38	0.03
The Helder	29.34	48	W	7	c	29.75	+ .23	44	42	— 3	W	3	c	3	50	?	0.20
Cape Gris Nez	29.45	52	W	11	b	29.74	?	46	46	— 2	S	4	f	4	54	45	0.12
‡Jersey	29.66	53	W	6	o	29.75	+ .25	55	55	+ 3	WSW	6	qfr	5	55	49	0.47
Brest	29.74	53	WNW	5	m	29.80		55	55		SW	7	r	8	?	50	0.32
Lorient	29.80	54	W	9	m	29.89	+ .22	56	56	+ 1	W	8	r	7	57	52	0.43
‡Rochefort	30.01	54	WSW	8	r	30.13	+ .14	55	?	+ 4	WSW	8	r	4	55	48	1.90
Biarritz	30.14	59	S	5	o	30.19		60	56		Z	0	m	6	63	48	—
Corunna	*	*	*	*	*	?30.33		59	57		S	7	c	4	59	53	—
Brussels	*	*	*	*	*	29.87	+ .21	43	42	— 7	S	?	c	*	55	42	0.47
Charleville	?29.71	50	SW	7	r	?29.97	+ .07	47	46	— 2	SW	1	c	*	54	45	1.03
Paris	29.75	58	S	7	r	29.91	+ .10	54	53	+ 1	S	4	r	*	*	*	0.20
Lyons	30.07	52	S	5	r	30.15	.00	49	48	+ 6	S	3	r	*	53	43	0.32
Toulon	30.19	53	SW	1	o	30.12	— .09	52	50	— 1	WNW	5	o	3	57	50	—

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Dangerfield, Printer, London.

WEATHER CHARTS

for 8 a.m. on Sunday 29th November 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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.

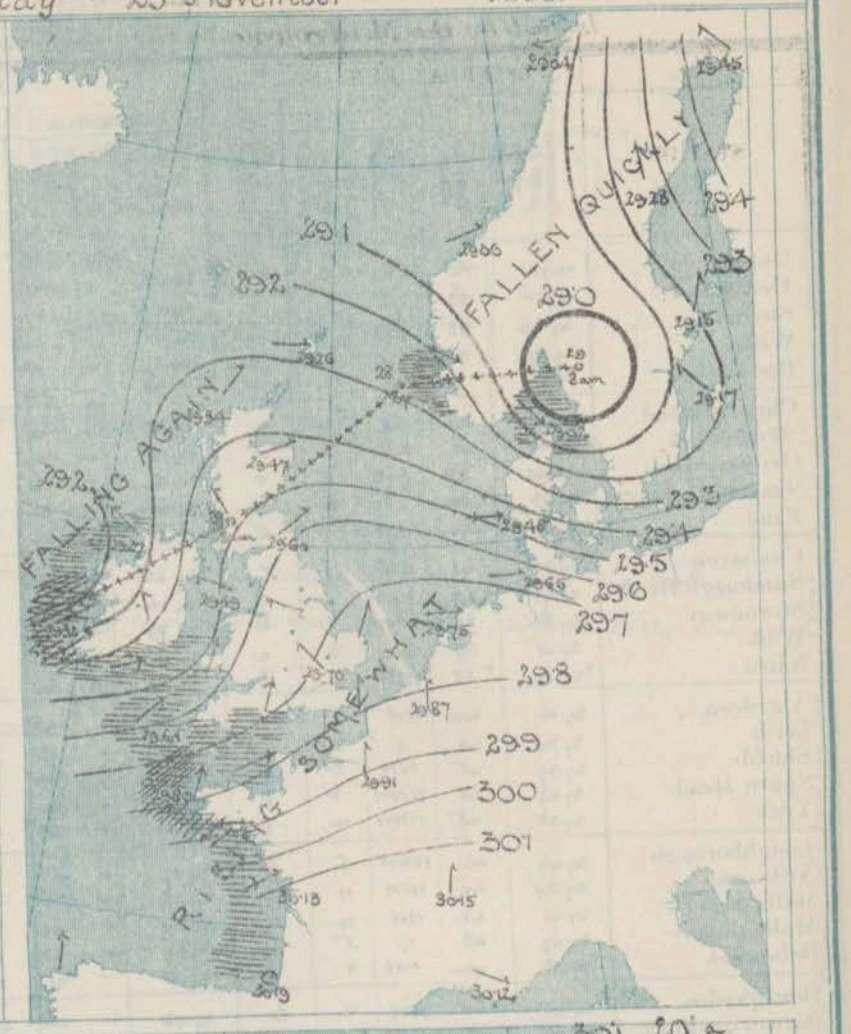
Sea Disturbance — *where considerable, is shown thus*

= Rough = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November
During the 10 years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M.,

with RAINFALL in PAST 24 HOURS.

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

Weather *is shown by Letters of the Beaufort Scale.*

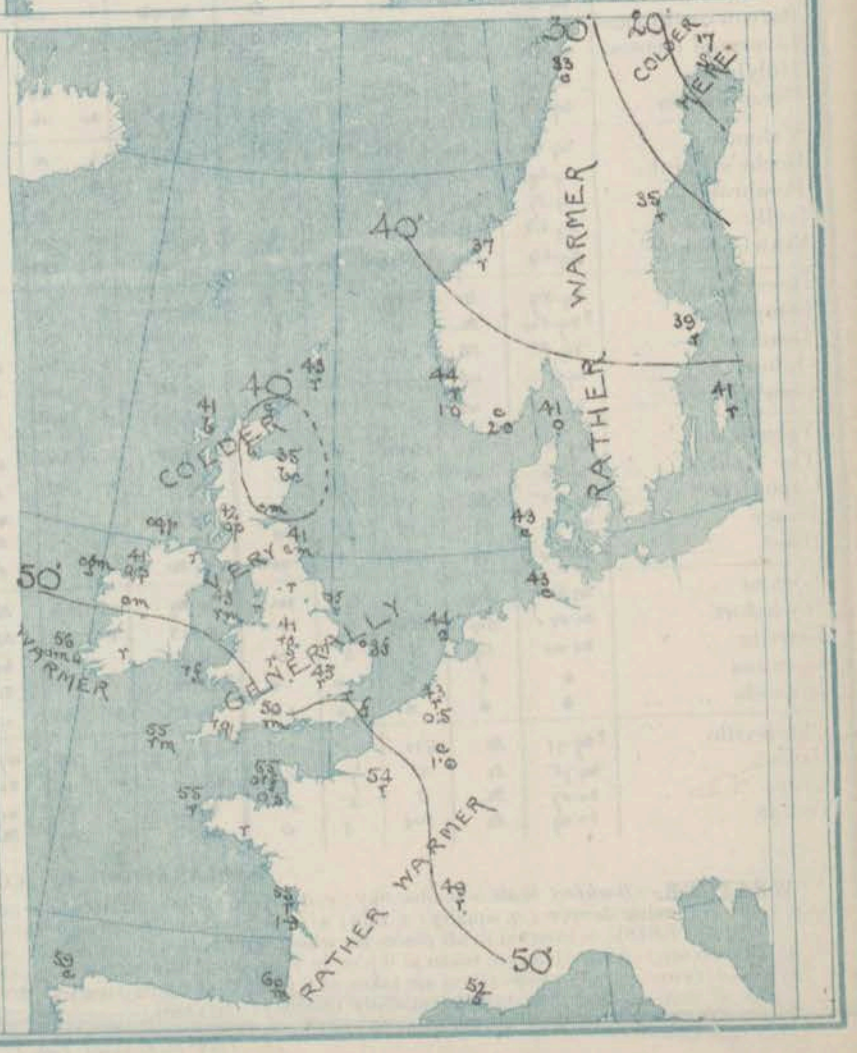
Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of November

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL. (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Sunday 29th November. 1885, at 8 a.m.

The depression whose centre lay over the south of Scotland yesterday has travelled away to the south of Sweden and the barometer has risen over the whole of our Islands and France. On our western coasts, however, the barometer is now falling again, and a new depression has advanced to the west of Ireland. The wind is strong to a gale from W. on the eastern shores of the North Sea, and light from SW on our north and east coast, but in the south-west of our Islands it is strong to a gale from SW while in the north-west it is strong from SE. The weather is fine in the north, but cloudy or overcast elsewhere, with rain over the greater part of Ireland, England, France and Sweden. In the course of the past 24 hours rain has fallen generally. Temperature has fallen several degrees over Great Britain but even at the Irish and Continental stations, readings range from 56° at Valencia to 35° at Aberdeen. The sea is high off the north coast of France and also at Valencia, rather rough in the south-west and south generally.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington US reports that a "storm" from E. shifting to N. was experienced on the 25th Inst. in Lat. 42° N. Long 64° W. the barometer at 8pm falling to a minimum of 29·3 ins:. On the 26th Inst a fresh gale from E. backing to NE. was felt in Lat 43° N. Long 56° W. the barometer at 6 am falling to a minimum of 29·4 ins.

FORECASTS

for the 24 hours ending at NOON on 30th November 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	none issued	6 SCOTLAND WEST	none issued
1 SCOTLAND EAST		7 ENGLAND N. W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	The south cone has been hoisted this morning in districts 0 to 2 and 6 to 10.

Fredk Dangerfield, Lith. London, (13).

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	28.49	43	40	ESE	4	r	6
Sumburgh Head	28.48	41	40	NNW	3	o	4
Stornoway	29.11	41	40	WNW	3	cg	2
Aberdeen	28.97	40	39	NNW	5	o	4
Shields	28.97	47	46	NNE	3	or	3
Ardrossan	29.14	45	42	WNW	5	o	4
Malin Head	29.31	42	39	NW	4	c	4
Mullaghmore	29.32	43	41	WNW	5	cp	4
Belmullet	29.37	44	41	WNW	4	bc	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	29.28	46	45	WNW	7	cq	5
Valencia	29.48	48	46	WNW	2	ov	3
Scilly	29.49	54	52	WNW	4	c	6
Dungeness	29.35	53	53	SW	7	r	6
London	29.30	59	56	SW	9	o	*
Yarmouth	29.17	55	54	SW	5	cq	4
Jersey	29.49	55	55	SW	8	o	6
Rochefort	?	54	53	SW	8	r	4

REMARKS.

The depression which lay over the south of Scotland this morning continues to move NE^{ly}, and is now between the Firth of Forth and the south of Norway. The barometer is rising everywhere, the wind veering and the weather improving. The sea though rough in the west and south is going down generally.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Monday 30th November 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
			WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
Haparanda	29.38	19	SE	4	s	29.24	-.21	24	24	+7	SE	4	o	*	?	10	0.24
Hernösand	29.20	36	S	4	r	29.19	-.09	34	33	-1	S	0	o	*	39	32	0.64
Stockholm	29.16	39	S	0	r	29.31	+.16	32	32	-7	W	2	bc	*	41	?	0.16
Wisby	29.20	39	SW	1	r	29.28	+.11	39	38	-2	W	6	b	*	?	25	0.04
Bodö	29.11	38	N	2	s	29.00	-.04	38	32	0	ENE	4	o	2	34	?	0.04
Christiansund	29.18	42	NSW	4	b	29.16	+.10	40	34	+3	SW	2	c	4	?	36	0.24
‡Skudesnaes	29.38	46	W	4	o	29.14	-.12	45	42	+1	W	6	r	4	?	43	0.92
Oxö (Ytlansund)	29.11	42	W	4	o	29.19	+.03	39	39	-4	N	4	r	3	45	34	0.20
Skagen (The Skaw)	29.47	42	W	6	bc	29.24	+.22	40	40	-1	S	3	r	3	45	39	0.12
Fanö	29.47	39	S	5	o	29.39	-.09	44	43	+1	W	5	o	*	45	34	0.08
Cuxhaven	29.38	40	NSW	4	r	29.55	-.10	47	47	+4	NSW	5	bc	*	47	39	0.12
‡Sumburgh Head	29.29	43	SW	3	c	29.15	-.11	44	40	+1	W	4	bc	4	45	39	0.31
‡Stornoway	29.17	41	S	4	d	29.31	-.03	48	42	+2	SW	4	b	8	44	38	0.19
Wick	29.10	42	S	3	o	29.32	+.01	38	34	-1	W	3	b	1	43	34	0.04
Nairn	29.14	38	S	0	o	29.36	-.04	38	36	-2	SW	2	b	1	41	34	0.19
‡Aberdeen	29.22	43	S	3	r	29.42	-.05	38	36	+3	W	1	b	1	45	34	0.08
Leith	29.21	43	SW	1	o	29.50	+.01	44	41	+4	NSW	1	bm	*	51	39	0.04
‡Shields	29.29	45	SW	2	m	29.54	-.03	45	44	+4	SW	4	bc	2	54	39	—
Spurn Head	29.41	49	SW	4	o	29.63	-.03	46	45	+4	SSW	3	cg	3	52	41	0.03
York	29.39	49	SE	1	m	29.64	-.02	48	46	+8	W	3	c	*	54	39	0.04
Loughborough	29.49	54	SW	5	r	29.68	+.01	48	46	+7	W	1	p	*	54	40	0.22
‡Ardrossan	29.23	50	SW	4	oqp	29.56	+.10	45	43	+3	W	4	bcp	3	50	39	0.25
Malin Head	29.29	44	W	5	o	29.56	+.26	43	42	+6	SW	3	bp	3	51	34	0.13
‡Mullaghmore	29.38	49	W	5	p	29.63	+.36	43	42	+2	SW	4	bc	3	53	40	0.04
‡Belmullet	29.38	48	WNW	5	o	29.65	+.50	45	42	+1	W	5	b	6	51	?44	0.06
Donaghadee	29.38	49	W	2	o	29.63	+.14	40	39	-2	NSW	3	bc	1	52	38	0.06
Barrow-in-Furness	29.39	49	SW	4	o	29.61	+.07	46	45	+5	WSW	3	bc	*	50	40	0.05
Liverpool (Bidston)	29.42	54	SW	6	o	29.66	+.09	46	45	+5	NSW	3	c	3	54	41	0.09
‡Holyhead	29.46	52	SSW	6	rm	?29.68	+.19	48	47	+5	NSW	2	o	3	53	38	0.18
Parsonstown	29.50	49	SW	1	o	29.73	+.43	41	40	-7	NSW	1	b	*	58	40	0.02
‡Valencia																	
Roche's Point	29.54	46	NSW	3	r	29.74	+.35	48	47	-7	W	2	o	4	56	48	0.35
Pembroke	29.54	53	SW	6	f	29.73	+.24	47	47	-6	NW	2	r	5	54	47	0.25
‡Scilly	29.71	55	SW	7	r	29.78	+.14	55	55	0	SW	6	om	6	56	54	0.04
Prawle Point	29.74	53	SW	6	r	29.81	+.18	54	54	0	SW	5	f	5	54	52	0.45
Hurst Castle	29.72	53	NSW	7	m	29.78	+.14	52	52	+2	NSW	6	odm	6	54	50	0.15
‡Dungeness	29.70	53	W	5	r	29.77	+.03	53	53	+2	W	6	rm	5	53	49	0.89
‡London	29.64	57	SW	4	o	29.72	+.02	57	55	+14	NSW	6	oq	*	57	43	0.21
Oxford	29.62	57	SSW	4	r	29.70	+.04	55	55	+11	NSW	3	op	*	58	44	0.56
Cambridge	29.60	?57	S	2	r	29.72	+.02	48	48	+6	N	1	r	*	59	41	0.15
‡Yarmouth	29.55	46	SSW	2	ogd	29.68	-.04	48	47	+7	WNW	1	of	3	54	40	0.24
The Helder	29.55	46	SW	4	t	29.65	-.10	47	47	+3	N	1	f	2	50	43	0.12
Cape Gris Nez	29.69	53	NSW	9	r	29.76	+.02	53	53	+7	SW	9	r	7	54	46	0.35
‡Jersey	29.87	56	NSW	7	o	29.94	+.19	55	55	0	SW	6	opm	5	59	54	0.22
Brest	29.93	54	SW	4	f	30.00	+.20	54	53	-1	NSW	4	t	4	?	?	—
Lorient	30.03	55	W	8	m	30.09	+.20	55	55	-1	NSW	4	m	4	57	50	0.08
‡Rochefort	30.20	58	W	8	o	30.30	+.14	58	54	+3	W	8	o	4	59	54	0.04
Biarritz	30.29	56	Z	0	m	30.24	+.08	56	53	-5	SW	1	m	5	64	52	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.82	-.05	54	56	?	SW	4	r	*	59	53	0.39
Charleville	? 29.91	54	SW	7	r	? 30.02	+.05	56	56	+9	S	7	o	*	54	?	0.47
Paris	29.90	58	SW	4	o	30.06	+.15	58	56	+4	NSW	5	c	*	*	*	0.04
Lyons	30.20	55	S	1	o	30.28	+.13	52	50	+3	N	1	b	*	55	49	0.08
Toulon	30.12	54	W	3	bc	30.09	-.03	59	53	+7	W	3	bc	3	59	50	—

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Printed by Darlington Eyth, London

WEATHER CHARTS

for 8 a.m. on Monday, 30th November, 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes 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.

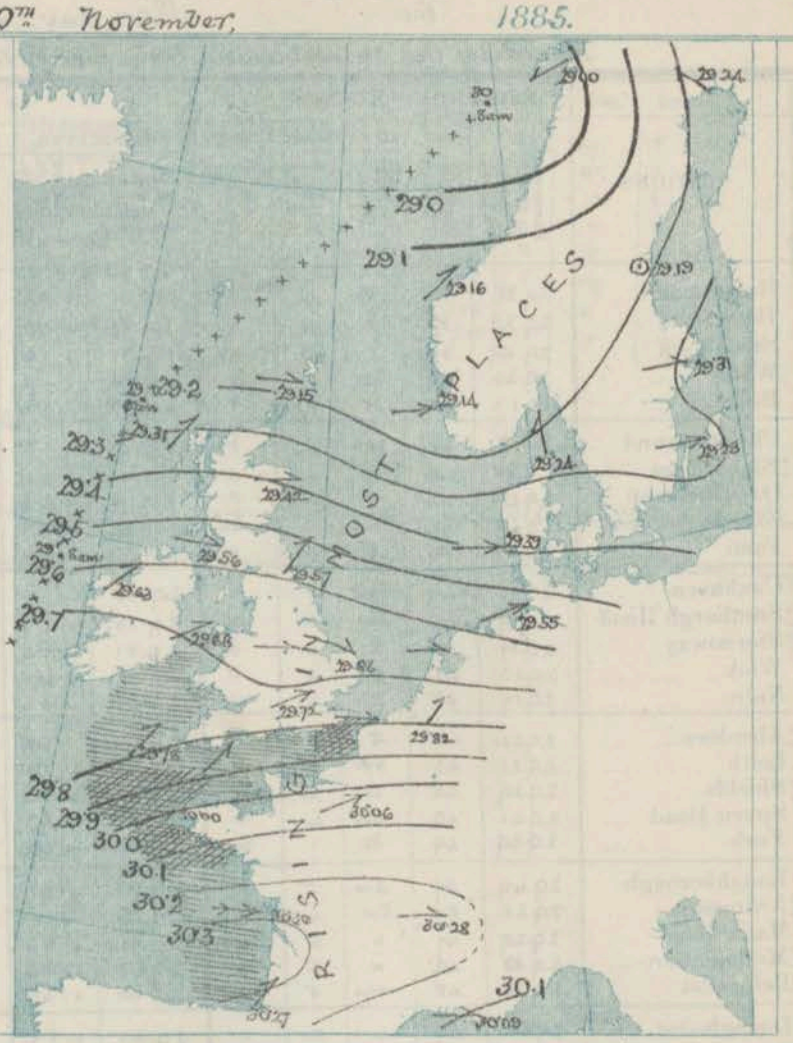
Sea Disturbance — *where considerable, is shewn thus*

= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	Bar.
Sumburgh Head	29·724
Stornoway	29·755
Wick	29·767
Nairn	29·786
Aberdeen	29·782
Leith	29·820
Shields	29·830
York	29·847
Ardrossan	29·824
Donaghadee	29·832
Holyhead	29·845
Liverpool	29·862
Valencia	29·880
Roche's Point	29·875
Pembroke	29·867
Scilly	29·899
Hurst Castle	29·885
Dover	29·882
LONDON	29·885
Oxford	29·888
Cambridge	29·878
Yarmouth	29·855



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

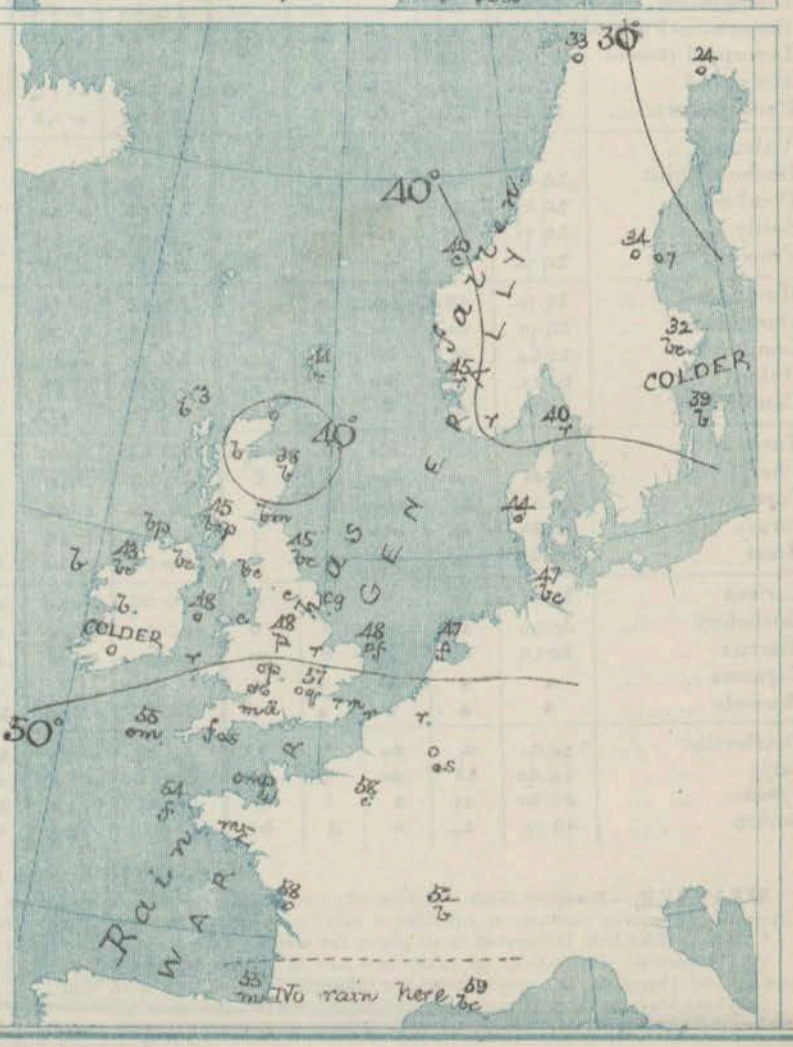
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of November

STATIONS	TEMPERATURE. Daily Max	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches)
Sumburgh Head	45·0	36·9	41·0	39·4	4·18
Stornoway	45·0	36·2	40·3	39·1	4·38
Wick	45·6	35·4	40·8	39·2	3·14
Nairn	44·2	35·3	38·8	37·2	2·35
Aberdeen	45·8	36·7	40·2	38·3	3·22
Leith	48·2	36·6	40·9	39·4	2·18
Shields	46·6	38·0	41·3	39·7	3·01
York	47·3	35·4	39·7	38·4	2·31
Ardrossan	47·6	38·8	42·2	39·8	3·85
Donaghadee	47·8	39·4	42·5	41·3	3·03
Holyhead	49·5	42·8	45·1	43·3	3·51
Liverpool	47·2	39·0	41·5	39·8	2·53
Valencia	52·0	42·3	46·8	44·6	5·14
Roche's Point	50·4	41·6	45·3	43·6	4·24
Pembroke	49·7	43·2	46·2	44·2	3·88
Scilly	52·0	46·3	49·5	47·4	3·79
Hurst Castle	50·0	39·5	44·1	43·1	2·87
Dover	48·5	40·3	43·6	41·9	3·79
LONDON	49·0	37·3	41·3	39·9	2·07
Oxford	47·9	37·1	40·5	39·2	2·09
Cambridge	48·5	35·3	39·6	38·8	1·95
Yarmouth	47·4	38·8	42·6	41·6	3·31

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Monday 30th November. 1885. at 8 a.m.

The depression which lay off the west of Ireland yesterday morning has passed rapidly away in a NE. direction, and the barometer is now rising in most places. The highest pressures are still found over the south of France, and gradient to the southward of our Islands are steep. W. or SW. winds prevail generally. Over the Channel and north of France they blow with the force of a strong breeze or moderate gale, but elsewhere they are light or moderate in force. The weather is fine in the north and northwest of our Islands, but overcast in all other localities with rain over our midland and south eastern counties and fog or mist at our south-western and the French stations. In the course of the past twenty-four hours rain has fallen generally, the largest amounts being 0·6 in. at Oxford and 0·5 in. at Rawes Pk. Temperature has fallen a few degrees in the south of Ireland, but risen considerably over England, readings now range from 57° in London to 38° at Wick, Nairn, and Aberdeen. The sea is high off the north-west of France, and rough in the Channel, but moderate or smooth elsewhere.

Although the barometer is apparently rising in the west conditions are still very unsettled, and further depressions may possibly advance over our Islands before long.

FORECASTS

For the 24 hours ending at NOON on 1st December *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W. and SW. winds, moderate or fresh; fair to unsettled and some rain.	6 SCOTLAND WEST	W. and SW. winds, fresh; changeable, some showers.
1 SCOTLAND EAST	------ Do. ------ Do. ------ Do. ------	7 ENGLAND N.W.	------ Do. ------ Do. ------ Do. ------
2 ENGLAND N.E.	------ Do. ------ Do. ------ Do. ------	8 ENGLAND S.W.	Same as No 5
3 ENGLAND EAST	W. to SW. winds, moderate to strong; cloudy, some rain.	9 IRELAND NORTH	Same as No 6.
4 MIDLAND COUNTIES	------ Do. ------ Do. ------ Do. ------	10 IRELAND SOUTH	Same as No 6
5 ENGLAND SOUTH	SW. and W. winds, strong, perhaps a gale; cloudy, squally, some rain.	WARNINGS	The south cone was hoisted yesterday on all coasts, but the signals have been lowered this morning in districts 0 to 2. 6. 7. 9 and 10.

Fredk Dangerfield, Lith. London, (131)

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.40	45	43	W	6	0	6	Holyhead							
Sumburgh Head								Valencia							
Stornoway								Scilly							
Aberdeen								Dungeness							
Shields								London							*
Ardrossan								Yarmouth							
Malin Head								Jersey							
Mullaghmore								Rochefort	30.18	58	57	W	8	r	4
Belmullet							*								

REMARKS.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD

FROM THE 22ND TO THE 28TH NOVEMBER 1885

The distribution of pressure during this week has been almost entirely cyclonic. From Sunday to Thursday the gradients were mainly favourable for SE.ly winds, and were at times steep, but on Friday gradients for SW.ly winds appeared in the south and subsequently spread all over the Kingdom.

Two well-marked depressions appeared within our area during this time.

The first lay off our southwestern coasts early on the 24th and remained there with some modification till the night of the 25th - during which time it became much deeper. It then moved northwards outside our western coasts and (pressure being highest over Scandinavia) the gradients for SE.ly winds in Scotland and Ireland became very steep.

The second approached our western coasts on the evening of the 27th, and travelling quickly to the northeastwards reached the south of Scotland on the morning of the 28th (at which time the first one lay between the Hebrides and Faröe Isles), and passed on to the south of Norway the same evening.

Thus, while light to fresh breezes - chiefly from between E and S - prevailed during Monday and Tuesday, with cool and misty, foggy weather, strong SE.ly winds set in on Tuesday increasing steadily to a severe gale (except on our southeast coasts) by Thursday, and blowing a heavy gale in Scotland all that night, but without very much rain. The wind then began to veer - first in the southwest and south, and afterwards in the north - and subsequently blew hard over England. This change was accompanied by a distinct rise of temperature, a great increase of rain, and rapid changes of pressure.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR Nov^r 1885

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
				Wind.			Barometer.		Shade Temp.			Wind.				Shade Temp.		
		Barometer at 32° F. and Sea Level.	Temp. in Shade.	Direc.	Force. (0 to 12.)	Weather.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	Max.	Min.	Amount of Rainfall.
1st	Cape Gris Nez	29·31	44	W	4	R	29·62	+·19	40	–	– 6	NE	8	R	6	54	?	0·39
"	Coruna	*	*	*	*	*	?30·28	+·01	55	–	– 1	NNE	8	C	6	59	41	0·82
2nd	Valencia	30·16	60	W	3	O	30·12	–·08	51	51	0	SSW	4	Cdrz	4	65	49	0·01
"	Cape Gris Nez	30·01	45	ENE	1	C	30·12	+·50	55	–	+ 15	SSW	4	C	3	?	?	0·16
3rd	Cape Gris Nez	30·12	51	W	4	C	30·10	–·02	49	–	– 6	SSW	3	O	5	?	46	–
"	Coruna	*	*	*	*	*	?30·34	–·05	50	–	– 3	NE	1	O	3	59	43	0·08
4th	Brest	–	–	–	–	–	29·97	–·20	50	–	– 1	N	4	O	3	61	49	0·89
5th	The Helder	29·77	47	SSW	4	R	29·71	–·20	45	–	+ 3	SW	3	C	1	48	?	0·16
"	Cape Gris Nez	29·84	44	NNE	1	R	29·80	–·11	48	–	+ 1	W	5	C	3	52	?	0·43
"	Coruna	*	*	*	*	*	?30·24	+·03	60	49	– 4	ENE	1	R	2	59	43	0·16
"	Brussels	*	*	*	*	*	?29·87	–·14	41	–	+ 2	SSW	3	O	*	50	?	0·16
6th	Cape Gris Nez	29·67	44	NW	8	O	30·05	+·25	43	–	– 5	NNW	8	C	6	52	34	1·22
7th	Cape Gris Nez	30·25	44	N	1	C	30·34	+·29	41	–	– 2	SE	1	C	1	48	41	–
"	Brest	–	–	–	–	–	30·33	+·09	48	–	– 3	Z	0	Cc	3	54	46	–
9th	Haparanda	30·34	32	Z	0	S	30·37	+·28	32	32	0	SSW	2	O	*	34	32	–
"	Hernösand	30·43	40	Z	0	O	30·47	+·20	34	32	– 3	Z	0	C	*	46	?	–
"	Stockholm	30·49	44	WNW	2	O	30·49	+·09	40	30	– 1	W	2	O	*	48	34	–
"	Visby	30·54	42	W	4	O	30·47	+·03	41	40	+ 2	NNW	4	O	*	46	34	–
"	Bodo	30·17	36	S	2	R	30·17	+·09	46	45	+ 10	SW	6	R	3	46	?	1·02
"	Christiansund	30·32	44	SW	1	C	30·47	+·22	43	42	– 5	SW	2	O	4	48	39	–
"	Coruna	*	*	*	*	*	?30·21	·00	42	41	– 2	E	1	M	3	59	32	–
10th	Haparanda	30·24	36	Z	0	R	30·28	–·09	30	30	– 2	N	2	C	*	36	30	0·04
"	Hernösand	30·45	36	Z	0	O	30·48	+·01	38	33	– 1	Z	0	C	*	46	?	–
"	Stockholm	30·48	39	W	2	C	30·49	·00	35	34	– 5	WNW	2	O	*	46	?	–
"	Visby	30·46	39	NNW	2	O	30·49	+·02	37	36	– 4	WNW	4	O	*	43	36	–
"	Riedomaas	30·52	44	SSE	4	O	30·53	+·01	42	40	– 3	SE	6	O	4	45	?	–
"	Biarritz	30·16	51	N	4	O	30·15	+·03	37	34	– 5	ESE	4	C	1	56	36	–
"	Coruna	*	*	*	*	*	?30·19	–·02	41	41	– 1	E	1	O	3	55	32	?
11th	Cape Gris Nez	30·25	43	E	5	O	30·23	–·01	42	–	– 5	Z	0	M	0	48	41	?
"	Coruna	*	*	*	*	*	?30·06	–·13	48	45	+ 1	ENE	8	C	2	54	34	–
12th	Biarritz	30·05	51	SSE	4	C	30·04	–·02	49	45	+ 8	SSE	4	C	1	63	?	–
"	Coruna	*	*	*	*	*	?29·98	–·08	51	52	+ 9	ESE	1	O	0	68	41	–
13th	The Helder	30·14	34	ESE	1	C	30·01	–·25	48	42	+ 8	SW	3	O	2	48	?	–
"	Cape Gris Nez	30·15	41	Z	0	M	30·03	+·16	41	–	– 3	S	1	C	0	45	41	–
"	Coruna	*	*	*	*	*	?29·97	–·01	56	53	– 1	ESE	1	R	0	63	46	–
14th	Coruna	*	*	*	*	*	?30·01	+·04	48	47	– 8	E	1	M	2	66	30	–
15th	Cape Gris Nez	29·74	46	WSW	5	O	29·88	+·10	42	–	– 1	NNW	8	Cc	5	50	41	0·16
"	Lyons	29·85	51	S	2	O	29·83	–·14	49	–	+ 4	SW	3	O	*	58	2	0·08
17th	Pointe Pinet	30·20	44	E	8	C	30·12	–·11	43	39	– 2	E	7	C	7	46	35	–
"	Coruna	*	*	*	*	*	?29·67	–·18	53	52	– 6	SW	1	C	1	61	45	0·16
18th	Bodo	29·17	36	WSW	7	R	28·80	–·89	31	31	+ 5	ENE	6	S	3	?	?	–
"	Coruna	*	*	*	*	*	?29·59	–·08	?	52	?	SE	8	C	3	64	43	–
19th	Cape Gris Nez	29·86	34	E	5	C	29·84	–·12	37	–	+ 6	NE	5	C	4	57	27	–
"	Coruna	*	*	*	*	*	?29·71	+·12	55	54	?	W	4	R	6	57	46	0·35
20th	Coruna	*	*	*	*	*	?29·58	+·17	54	53	– 1	W	4	R	3	57	40	0·63
21st	Cape Gris Nez	29·82	39	E	5	O	29·68	–·23	34	–	0	SE	5	C	3	49	32	–
"	Coruna	*	*	*	*	*	?29·63	–·25	52	52	– 2	N	5	R	3	59	45	0·59
22nd	Coruna	*	*	*	*	*	?29·45	–·18	52	–	0	SW	3	Cc	4	59	39	1·10
23rd	Cape Gris Nez	29·39	44	ENE	5	R	29·46	+·05	39	–	– 2	E	5	C	4	46	37	0·35
"	Coruna	*	*	*	*	*	?29·66	+·21	50	48	– 2	SSE	3	C	4	55	39	0·51
24th	Coruna	*	*	*	*	*	?29·65	–·01	61	60	+ 11	SW	7	R	4	61	43	0·65
25th	Coruna	*	*	*	*	*	?29·75	+·10	58	56	– 3	SW	7	O	4	64	50	0·12
"	Lyons	29·66	43	W	1	Cc	29·62	–·02	44	–	+ 8	S	3	O	*	51	39	–
26th	The Helder	29·53	35	E	4	O	29·61	+·05	33	–	– 8	E	4	O	3	37	34	0·16
"	Biarritz	29·75	59	SW	5	O	29·74	+·19	59	–	0	SSE	4	C	5	63	54	0·24
"	Coruna	*	*	*	*	*	?29·72	–·03	61	58	+ 3	NSW	9	C	4	63	52	–
27th	Bodo	29·98	37	SW	4	O	29·94	–·01	31	29	+ 2	SE	2	C	1	?	?	0·20
"	Christiansund	29·96	38	NE	2	C	29·76	–·30	36	31	+ 4	SE	2	C	2	36	28	–
"	Skudesnaes	29·89	34	SE	8	C	29·58	–·43	37	30	+ 7	ESE	9	O	6	?	30	–
"	Oxo	30·01	32	ENE	8	O	29·79	–·24	35	33	+ 6	E	8	O	6	?	?	–
"	Cape Gris Nez	29·30	51	S	9	R	29·45	–·02	51	–	+ 6	NSW	9	C	7	54	45	0·63
"	Biarritz	29·82	58	SW	8	O	30·06	+·32	54	50	– 5	Z	0	M	6	66	50	0·04
"	Coruna	*	*	*	*	*	?30·13	+·41	54	52	– 2	SW	3	C	4	63	46	0·20
28th	Skagen	29·60	35	SE	6	R	29·54	–·34	38	38	+ 7	SW	2	R	2	57	?	0·32
"	Biarritz	30·14	54	NE	3	C	30·02	–·04	59	–	+ 5	SSW	4	C	3	61	46	–
–	Brussels	*	*	*	*	*	29·66	+·10	50	46	– 2	SSW	7	C	*	54	48	0·12
"	Lyons	30·13	51	WNW	1	Cc	30·15	+·18	43	41	– 7	SSW	3	C	*	60	42	–
"	Toulon	30·05	54	W	4	Cc	30·21	+·26	53	45	+ 8	NW	3	C	2	61	50	–
30th	Valencia	29·54	50	NSW	2	R	29·79	+·47	46	45	– 10	W	2	M	3	57	44	0·42
"	Coruna	*	*	*	*	*	?30·38	+·05	54	54	– 2	?	?	C	4	63	48	–

SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING
Observations are made
(The Stations are grouped in Districts, and then arranged in order of

Names of Districts.	Names of Stations.	Mean height of Barometer (at 32° Fahrenheit and Mean Sea Level) from observations made at 8 a.m.	Air Temperature.								Tension of Vapour
				Means of			Absolute Extremes.				
			At 8 a.m.	Minima	Maxima	Min. and Max. combined	Minimum	Date	Maximum	Date	
		ins.	°	°	°	°	°		°		ins.
0. SCOTLAND, N.	Sumburgh Head ...	29.766	42.4	37.6	45.5	41.6	28	15th	53	3rd+4th	0.225
	Wick	29.779	41.8	36.4	45.7	41.1	25	17th	58	8th	.227
	Stornoway ...	29.731	42.7	38.1	46.7	42.4	28	20th+21st	54	3rd	.260
1. SCOTLAND, E.	Nairn... ...	29.773	39.2	33.9	45.9	39.9	22	16th	61	3rd	208
	Aberdeen ...	29.830	39.8	34.8	46.1	40.5	18	18th	59	2nd	.247
	Leith	29.827	41.0	36.0	47.5	41.8	18	18th	63	3rd	.227
2. ENGLAND, N.E.	Shields ...	29.869	43.0	37.9	47.2	42.6	26	18th	59	3rd	.242
	York	29.899	41.5	37.5	47.0	42.3	24	18th	59	3rd	.237
	Spurn Head ...	29.877	44.0	40.6	46.5	43.6	35	15th	54	28th	.261
3. ENGLAND, E.	Yarmouth	29.912	43.5	40.2	46.5	43.4	37	17th	55	28th	.250
	Cambridge	29.913	40.8	35.8	47.4	41.6	24	18th	59	28th+29th	.244
4. MIDLAND COUNTIES.	Loughborough ...	29.905	40.0	36.8	47.2	42.0	22	17th+18th	57	2nd+29th	.232
	Oxford	29.905	41.2	38.1	47.1	42.6	26	18th	58	28th+29th	.242
5. ENGLAND, S.	London	29.909	42.9	38.8	49.2	44.0	30	16th	59	28th	.243
	Dungeness	29.899	44.8	40.8	49.7	45.3	33	6th	54	2nd+3rd+30th	.276
	Hurst Castle... ...	29.885	44.9	41.3	49.8	45.6	35	16th	55	3rd	.281
6. SCOTLAND, W.	Ardrossan	29.822	42.2	38.4	45.9	42.2	26	18th	53	2nd+3rd+7th	.241
7. ENGLAND, N.W.	*Hawes Junction ...	28.619	37.8	33.9	41.9	37.9	23	16th	52	3rd	.214
	Barrow-in-Furness ...	29.859	41.7	38.6	46.2	42.4	31	15th+24th	53	3rd	240
	Liverpool Obsr. (Bidston)	29.867	42.0	39.2	46.9	43.1	30	15th+16th	59	3rd	.231
	Holyhead	29.839	44.0	40.7	48.2	44.5	32	16th	54	2nd+3rd+7th	.263
8. ENGLAND, S.W.	Pembroke	29.830	46.1	43.6	49.0	46.3	34	18th+19th	54	6th+7th+27th+29th	.277
	Prawle Point ...	29.860	47.6	43.0	50.8	46.9	35	17th	55	2nd+6th+7th	.295
9. IRELAND, N.	Malin Head	29.782	43.3	41.0	47.9	44.5	33	16th	59	7th	.254
	Donaghadee	29.822	44.3	40.8	48.1	44.5	34	5th, 6th+29th	57	3rd	.251
	Mullaghmore ...	29.760	45.0	42.3	48.8	45.6	33	15th	57	3rd	.257
	Belmullet	29.747	44.8	42.1	48.1	45.1	32	18th+19th	53	2nd	.253
10. IRELAND, S.	Parsonstown... ...	29.808	43.5	39.0	49.6	44.3	22	15th+16th	61	3rd	.245
	Valencia	29.772	48.4	44.2	52.8	48.5	32	18th	58	28th	.298
	Roche's Point ...	29.793	48.0	43.4	51.8	47.6	31	15th	57	6th	.297
CHANNEL ISLANDS.	Scilly (St. Mary's) ..	29.813	50.8	47.5	53.0	50.3	44	16th	57	7th+22nd	.329
	Jersey (Noirmont) ...	29.876	46.4	43.9	49.9	46.9	31	17th	59	29th	.296

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

STATIONS in the BRITISH ISLANDS during the Month of **NOVEMBER** 1885
at 8 a.m. daily.

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

Relative Humidity	Amount of Cloud	Rainfall.			Weather — No. of Days of							Wind — No. of Observation of								
		Total Fall in the month	Maximum Fall in one day	Date	Rain	Snow	Hail	Thunderstorms	Clear Sky	Overcast	Gales	North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calms
%		ins.	in.																	
83	9·0	2·92	0·52	1st	21	0	0	0	0	23	2	4	2	0	5	6	5	8	0	0
86	6·2	0·77	0·22	18th	10	2	0	0	5	11	2	2	0	2	4	9	4	6	3	0
95	6·5	2·99	0·75	6th	17	1	1	0	7	11	7	2	2	4	3	6	7	4	1	1
87	5·9	0·91	0·36	3rd	12	1	0	0	10	14	1	1	0	2	4	2	11	2	1	7
89	6·5	2·07	0·55	26th	17	1	0	0	8	14	2	2	0	0	4	5	10	6	2	1
89	7·8	0·97	0·33	27th	13	0	0	0	3	14	0	1	2	0	7	7	4	6	2	1
87	8·9	1·53	0·55	26th	13	0	0	0	0	20	2	0	2	4	2	3	12	2	3	2
90	8·1	1·94	0·55	26th	15	1	0	0	3	18	0	6	1	7	4	6	0	5	1	0
90	6·9	1·96	0·56	24th	13	0	1	0	3	10	5	1	2	6	7	4	6	1	3	0
88	7·3	2·68	0·51	4th	18	0	0	0	5	16	4	1	3	9	3	2	6	2	3	1
96	7·4	2·88	0·43	24th	17	0	0	0	6	20	0	7	7	5	1	2	7	0	0	1
94	8·3	2·35	0·47	24th	18	0	0	0	2	21	4	0	4	10	2	1	3	7	3	0
94	7·2	3·54	0·72	3rd	19	0	1	0	7	17	1	4	5	7	4	4	3	2	0	1
88	8·3	2·81	0·53	24th	16	0	0	0	4	23	4	2	4	7	3	2	5	2	1	4
93	7·3	3·32	0·70	26th	14	0	0	0	5	15	3	2	1	8	6	3	4	4	2	0
95	6·3	2·84	0·75	26th	19	0	0	1	5	7	6	1	6	10	1	2	4	5	1	0
89	7·2	1·89	0·31	27th	17	0	0	0	8	20	1	2	8	6	2	4	2	5	1	0
95	7·8	4·53	1·29	26th	19	1	0	0	6	23	1	2	5	5	4	5	4	4	0	1
91	7·3	4·35	1·39	2nd	17	0	0	0	6	19	1	3	9	5	4	1	4	1	3	0
87	7·4	2·76	0·63	2nd	15	0	0	0	6	18	1	1	1	8	9	3	3	4	1	0
91	7·1	3·18	0·94	2nd	13	0	0	0	4	14	4	1	4	9	2	4	5	3	2	0
89	7·4	3·04	0·70	27th	17	0	0	0	2	11	9	1	2	11	4	2	3	4	3	0
90	8·6	3·54	0·72	25th	22	0	0	0	2	22	4	3	7	5	2	1	6	3	3	0
91	7·3	2·03	0·42	4th	16	0	1	0	6	18	2	1	0	4	9	6	5	2	3	0
86	5·9	1·79	0·66	26th	15	0	0	0	4	7	3	0	0	4	7	6	6	4	3	0
86	7·1	2·97	0·54	3rd	16	0	1	0	6	13	9	1	1	8	7	5	3	2	3	0
85	6·9	3·46	0·77	3rd	21	0	1	0	7	14	8	1	5	4	5	4	5	3	3	0
87	6·9	1·92	0·43	28th	14	0	0	0	6	16	0	0	1	6	8	1	4	4	1	5
88	7·9	4·97	0·91	23rd	23	1	1	0	4	19	9	1	2	7	6	3	5	4	2	0
90	7·6	4·28	1·25	27th	24	0	0	0	3	16	5	1	2	3	9	4	5	4	2	0
88	8·8	3·28	0·73	27th	20	0	0	0	0	18	8	1	1	5	3	5	7	4	3	1
94	8·6	4·01	0·94	27th	19	0	0	0	2	22	5	2	5	10	3	2	4	4	0	0

Barometric Observations at this Station are not corrected for altitude.

2. CORRECTIONS.

DATE.	STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	† YESTERDAY EVENING. Temp. in Shade.	† YESTERDAY EVENING. Wind. Direc.	† YESTERDAY EVENING. Wind. Force. (0 to 12.)	† YESTERDAY EVENING. Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	8 A.M. TO DAY. Barometer. Difference from 8 a.m. yesterday.	8 A.M. TO DAY. Shade Temp. Dry.	8 A.M. TO DAY. Shade Temp. Wet.	8 A.M. TO DAY. Shade Temp. Difference from 8 a.m. yesterday.	8 A.M. TO DAY. Wind. Direc.	8 A.M. TO DAY. Wind. Force. (0 to 12.)	8 A.M. TO DAY. Weather.	8 A.M. TO DAY. Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	PAST 24 HOURS. Shade Temp. Min.	PAST 24 HOURS. Amount of Rainfall.
1st	Stornoway/								47							49		
..	Nairn																	0·03
..	Leith						29·88	+ ·22										
..	Belmullet															51		
2nd	Stornoway/									50								
..	Donaghadee																	No rain
..	Dungeness 2pm						30·14											
3rd	Belmullet															55		
..	Barrow-in-Furness																	1·39
..	Dungeness	? 30·19																
4th	Holyhead																?44	
5th	Liverpool											SW						
6th	Donaghadee			? SSW														
..	Valencia														4		44	
..	Pembroke															51		
..	Prawle Point																	0·02
7th	Shields															46		
..	Valencia																45	
9th	Sick								47	45								
..	Loughrough	30·35														52		
..	Belmullet						30·15											
..	Stornoway/ 2pm								49	48					6			
11th	Stornoway/									43								
..	Barrow-in-Furness																	0·02
..	Cambridge																	
12th	Parsonstown	30·24																
13th	Liverpool						29·94	- ·30										
..	Mullaghmore 2pm											NNW						
..	Belmullet 2pm								47									
14th	Stornoway																	0·24
..	Belmullet															42		
..	Roche's Point															52		
15th	Mullaghmore																33	
..	Liverpool																31	
16th	Oxo	? 30·12																
..	Roche's Point	30·12																
..	Dungeness						30·35											
..	Mullaghmore 2pm									40								
17th	York															44		
18th	Jersey									38								
19th	Valencia																	0·02
..	Scilly						29·73	+ ·04										
..	Jersey	29·70																
20th	Belmullet						? 29·82	- ·14										
..	Rochefort								52									
..	Biarritz								55									
..	Charleville								30									
..	Mullaghmore 2pm									44								
21st	Sumburgh Hd	29·98																
..	York						29·77	- ·29										
..	Donaghadee														4			
..	Holyhead						29·60											
..	Stornoway 2pm						29·68											
22nd	Nairn													1				
..	Scilly																	0·03
23rd	Liverpool																38	
..	Dungeness																39	
..	Jersey	29·82							47		1							
24th	Jersey/	29·46									+ 1							
..	Stornoway 2pm													6				
25th	Mullaghmore								45		+ 1							
..	Scilly																	0·48
..	Cambridge						29·41	- ·10										
..	The Helder															39		
..	Jersey						29·31	- ·07										
26th	Aberdeen								42		0							
..	Liverpool					3	29·34	- ·04			2							
27th	Aberdeen																41	
30th	Liverpool															56		
..	Holyhead						29·68											
..	Cambridge		59															
..	Mullaghmore 2pm								49									