

4102

METEOROLOGICAL OFFICE

LONDON.

DAILY WEATHER REPORTS.

1ST JANUARY—30TH JUNE.

1884.

Soc. Reg. Lond.

DAILY WEATHER REPORT.

Jan. to June 1884.

Map Showing Stations.



DAILY WEATHER REPORT

for Tuesday 1st January 1884.

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER		SHADE TEMP.			WIND.		Weather	Sea (0 to 9).	SHADE TEMP.				
			Direc.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	29.73	34	W	2	6	29.47	-.31	39	38	+ 6	WNW	6	6	*	?	27	-		
Hernösand ...	30.16	39	Z	0	6	30.08	-.10	43	39	+ 13	W	4	6	*	?	19	-		
Stockholm ...	30.44	32	W	4	0	30.36	-.13	35	34	+ 7	W	4	0	*	?	23	-		
Wisby ...	30.54	30	W	6	0	30.51	-.07	32	31	0	W	4	0	*	34	27	-		
Bodö ...	29.68	44	WSW	9	0	29.69	+ .12	42	41	- 2	W	9	0	9	45	30	0.32		
Christiansund ...	30.28	41	WSW	9	0	30.32	+ .15	45	42	- 1	WSW	8	0	6	?	41	-		
† Skudesnaes ...	30.57	42	Z	0	0	30.52	-.04	41	40	0	Z	0	0	3	43	41	0.08		
Oxö (Xlansund) ...	30.51	39	WSW	4	6	30.47	-.06	39	38	+ 11	WSW	4	6	2	41	?	-		
Skagen (The Skaw)	30.50	34	WSW	4	0	30.53	-.03	35	35	+ 5	WSW	4	0	4	36	30	-		
Fanö ...	30.63	28	SE	4	0	30.58	-.03	28	27	- 3	E	4	1	*	32	27	-		
Cuxhaven ...	30.50	28	ESE	4	6	30.55	0.00	26	26	- 1	SE	4	1	*	30	23	-		
† Sumburgh Head	30.48	45	W	4	0	30.48	+ .06	43	40	- 3	W	1	0	2	46	40	0.02		
† Stornoway ...	30.55	43	SSW	2	0	30.44	-.08	31	31	- 12	Z	0	6	0	45	30	0.01		
Wick ...	30.56	42	Z	0	0	30.47	-.07	40	38	+ .2	S	1	6	1	43	33	-		
Nairn ...	30.58	37	Z	0	6	30.47	-.08	28	28	- 7	Z	0	6	1	42	28	-		
† Aberdeen ...	30.58	31	WSW	1	6	30.50	-.09	31	30	+ 1	WSW	1	0	1	35	26	-		
Leith ...	30.58	36	Z	0	†	30.45	-.13	40	37	+ 3	SE	1	0	*	41	33	-		
† Shields ...	30.55	42	Z	0	m	30.45	-.14	41	38	- 1	ESE	4	0	3	42	38	-		
Spurn Head ...	30.55	39	EHE	4	0	30.40	-.15	39	37	0	ESE	5	0	4	40	36	-		
York ...	30.56	39	E	1	0	30.44	-.16	39	37	0	E	2	0	*	40	37	-		
Loughborough...	30.52	37	ENE	3	0	30.39	-.16	34	33	- 3	E	3	0	1	38	34	-		
† Ardrossan ...	30.56	38	NE	2	0	30.43	-.15	39	37	+ 2	ENE	2	0	1	40	35	-		
† Mullaghmore ...	30.48	40	ESE	4	0	30.30	-.24	40	38	+ 2	ESE	5	0	4	41	38	-		
Donaghadee ...	30.55	42	SE	1	0	30.40	-.17	41	38	- 3	SE	4	0	2	45	39	-		
Parsonstown ...	30.48	38	ESE	1	0	30.31	-.21	38	35	+ 4	E	1	0	1	40	32	-		
Barrow-in-Furness	30.53	39	NE	2	e	30.37	-.17	38	36	0	NE	2	0	2	40	37	-		
† Holyhead ...	30.50	38	ESE	3	6	30.34	-.19	37	35	- 4	E	1	0	2	42	35	-		
Liverpool (Bidston)	30.53	38	E	2	0	30.36	-.20	38	35	0	E	4	0	2	39	37	-		
† Valencia ...	30.38	43	ESE	3	0	30.19	-.26	42	40	+ 3	NE	5	0	5	46	38	-		
Roche's Point ..	30.43	41	SE	5	0	30.28	-.22	41	40	- 2	SE	5	0	4	49	39	-		
Pembroke ...	30.43	39	E	3	e	30.26	-.22	37	35	- 1	E	3	0	2	39	37	-		
† Scilly ...	30.31	45	E	7	0	30.14	-.24	41	40	- 1	ENE	7	0	6	45	40	-		
Prawle Point ...	30.39	38	ENE	6	0	30.21	-.22	39	38	+ 1	ENE	6	0	5	40	35	-		
Hurst Castle ...	30.42	39	NE	5	0	30.28	-.19	36	35	- 2	E	5	0	3	41	34	-		
† Dover ...	30.43	36	ENE	4	0	30.39	-.08	35	34	- 3	ESE	3	0	2	40	32	-		
† London ...	30.46	37	NE	4	0	30.34	-.16	35	33	- 1	ENE	2	0	1	39	32	-		
Oxford ...	30.46	36	NE	4	0	30.36	-.17	32	31	- 4	E	3	0	*	36	32	-		
Cambridge ...	30.48	36	E	1	0	30.39	-.18	34	34	- 3	E	1	0	*	38	34	-		
† Yarmouth ...	30.48	37	ENE	6	0	30.39	-.12	34	33	- 4	E	4	0	4	38	33	-		
The Helder ...	30.50	27	E	3	6	30.44	-.08	28	28	- 2	E	1	0	1	32	27	-		
Cape Griz Nez...	30.42	27	E	4	0	30.36	-.10	34	34	+ 1	ESE	4	0	3	34	32	-		
† Jersey ...	30.35	36	E	5	0	30.20	-.19	36	35	0	E	3	0	3	37	34	-		
Brest ...	30.30	35	ESE	5	0	30.18		35	34		SE	5	0	4	46	32	-		
Lorient ...																			
† Rochefort ...	30.29	38	E	8	0	30.19	-.14	38	37	+ 2	ESE	4	0	2	42	30	-		
Biarritz ...	30.13	50	E	3	6	30.09	-.10	36	34	0	ESE	4	6	1	62	32	-		
Corunna ...																			
Brussels ...						30.40	-.09	29	?	- 1	E	1	0	*	33	?	-		
Charleville ...	30.38	32	NE	1	0	30.36	-.04	29	28	- 3	NE	1	6	*	33	29	-		
Paris ...	30.41	35	NE	4	0	30.35	-.12	36	35	+ 1	NE	4	0	*			-		
Lyons ...																			
Toulon ...																			

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

Hawes Junction 29.08 36 2 2 0 29.09 00 35 32 - 2 ENE 4 0 * 36 32 0.01

EXPLANATION OF COLUMNS.

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

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

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

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

WEATHER CHARTS

for 8 a.m. on *Tuesday, 1st January.*

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.

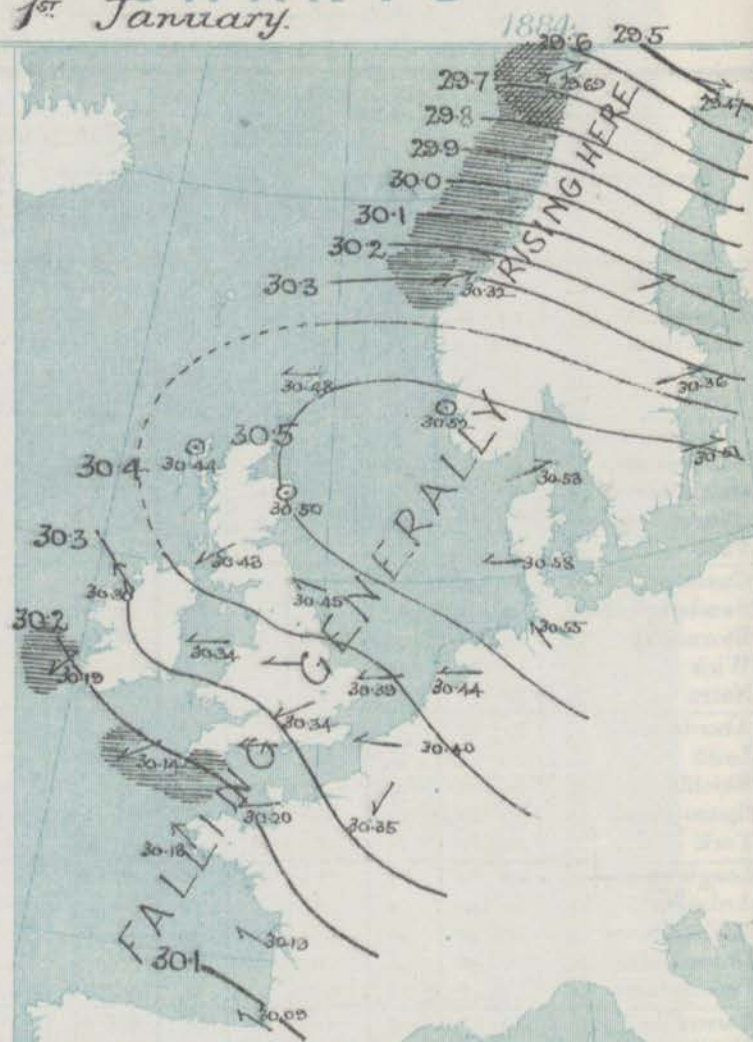
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS	MEAN READINGS
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.629
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.877
Donaghadee	29.828
Ballyhead	29.815
Liverpool	29.806
Valencia	29.852
Roches Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.979
Cambridge	29.976
Yarmouth	29.964



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.

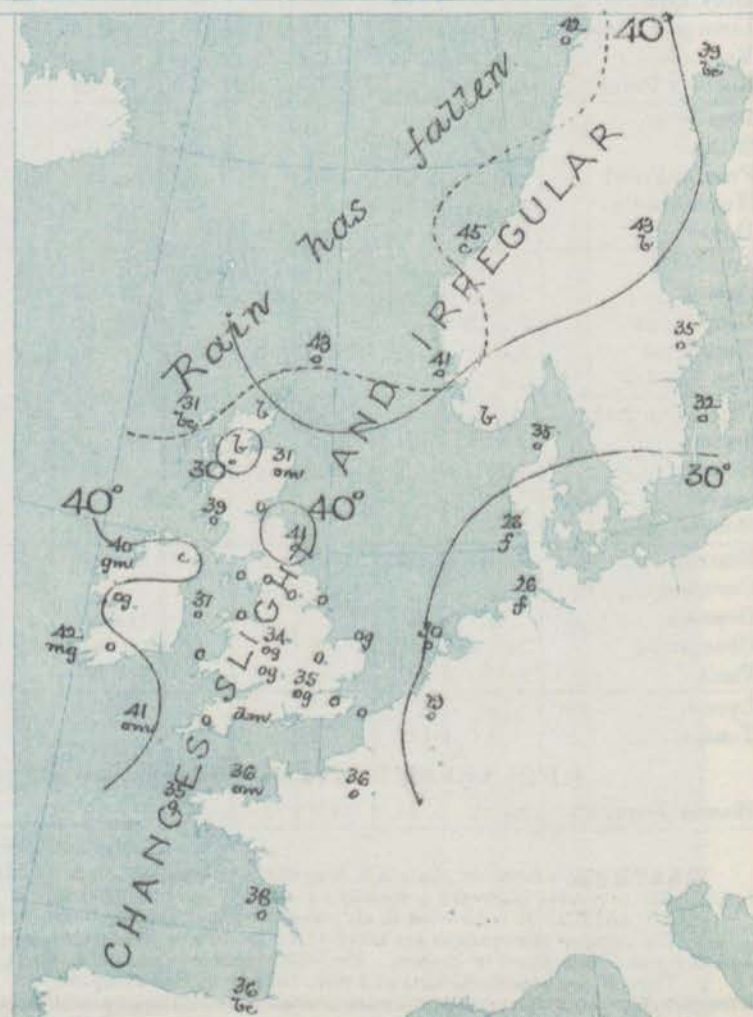
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more; are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL:

for the month of January.

STATIONS	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	39.2	38.3	3.72
Stornoway	39.8	37.6	5.20
Wick	37.9	36.5	1.00
Nairn	36.9	35.3	1.00
Aberdeen	37.3	35.7	3.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	1.28
York	36.8	35.0	1.58
Ardrossan	40.1	38.4	4.86
Donaghadee	39.7	38.8	3.03
Ballyhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.45
Valencia	44.1	43.3	7.22
Roches Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.13
Scilly	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.08
Dover	39.6	38.4	3.03
LONDON	38.7	37.1	2.41
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.04
Yarmouth	37.8	37.1	2.34

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



for Tuesday 1st January 1884, at 8 a.m.

The sea is rather rough in the Channel, moderate on our east coasts, smooth in the north-west.

The depression in the south-west will probably move north-eastwards and northwards, and, as it does a further increase of wind from E. and S.E., both on our south and east coasts is likely.

for the 24 hours ending at NOON on 2nd January 1884.
(Issued at 11 a.m. on the previous day.)

Perak Dampertveld, Lith. Legend, 131.

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.57	42	41	2	0	1/2	4	Valencia	30.40	45	43	E	4	omg	4
Sumburgh Head	30.46	46	45	W	4	0	4	Scilly	30.33	45	41	E	6	0	5
Stornoway	30.55	44	44	SEW	2	0	2	Dover	30.42	39	37	ENE	4	0	3
Aberdeen	30.69	35	35	WSEW	1	6	7	London	30.49	39	37	ENE	4	0	*
Shields	30.58	42	40	2	0	om	2	Yarmouth	30.48	37	36	NE	4	0g	4
Ardrossan	30.56	39	38	NE	1	6c	1	Jersey	30.36	38	35	E	4	0	3
Mullaghmore	30.50	40	40	ESSE	4	om	3	Rochefort	30.31	42	40	E	8	6	2
Holyhead	30.51	40	37	E	1	6	3								

REMARKS.

The barometer is falling slightly at all but our extreme N^o stations, but the winds are very little changed. Clear skies are reported from Aberdeen and Holyhead, but in all other places the sky remains overcast.

DAILY WEATHER REPORT

for *Wednesday - day* *21st January* *1884.*

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

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.				
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)			Max.	Min.				
Haparanda	29.97	28	N	4	bc	30.02	—	61	15	16	—	21	N	2	b	•	43	?	—	
Hernösand ...	30.15	44	NN	2	bc	30.16	+	08	37	35	—	6	Z	0	b	•	46	37	—	
Stockholm ...	30.33	34	W	4	o	30.32	—	04	31	30	—	4	WNW	4	o	•	36	?	—	
Wisby ...	30.44	35	NN	6	o	30.37	—	14	35	34	+	3	SSW	4	o	•	?	28	—	
Bodö ...	30.02	31	NN	4	s	30.17	+	18	28	26	—	14	NN	4	o	•	43	26	—	
Christiansund ...	30.24	43	WSW	7	o	30.26	—	06	41	40	—	4	WSW	4	c	5	45	39	—	
Skudesnaes ...	30.43	40	E	1	o	30.29	—	23	37	36	—	4	E	2	r	3	41	?	—	
Oxö (Kilansund) ...	30.42	38	W	4	o	30.34	—	13	37	36	—	2	SSE	2	o	1	41	36	—	
Skagen (The Skaw)	30.47	33	SW	4	o	30.38	—	14	32	31	—	3	S	3	o	2	36	25	—	
Fanö ...	30.42	29	E	5	b	30.30	—	28	28	28	—	0	ESE	5	b	•	?	27	—	
Cuxhaven ...	30.40	27	SE	4	b	30.36	—	19	26	26	—	0	SSE	2	b	•	28	23	—	
† Sunaburgh Head	30.39	41	Z	0	c	30.21	—	27	40	38	—	3	SSE	3	o	3	44	38	—	
† Stornoway ...	30.31	37	NNW	2	b	30.12	—	32	35	35	+	4	Z	0	om	0	39	29	—	
Wick ...	30.26	41	S	4	o	30.25	—	22	32	37	—	1	S	2	o	2	44	35	0.05	
Nairn ...	30.34	28	Z	0	f	30.13	—	24	28	28	—	0	Z	0	o	1	33	26	—	
† Aberdeen ...	30.38	39	SSE	3	o	30.13	—	27	39	38	+	8	SSE	3	og	2	40	30	—	
Leith ...	30.31	39	SE	1	o	30.11	—	34	36	35	—	4	SE	1	om	•	40	24	0.04	
† Shields ...	30.32	40	SE	3	o	30.14	—	31	35	34	—	6	SSW	2	om	2	41	33	0.11	
Spurn Head ...	30.28	37	ESE	4	o	30.16	—	24	38	37	—	1	SSE	4	c	4	39	34	—	
York ...	30.31	37	ENE	1	o	30.16	—	28	35	35	—	4	S	1	f	•	39	33	0.06	
Loughborough...	30.28	38	E	2	o	30.16	—	23	35	35	+	1	ESE	1	ogm	•	35	32	0.02	
† Ardrossan ...	30.29	39	ENE	2	o	30.12	—	31	35	35	—	4	NE	1	fd	1	42	30	0.03	
† Mullaghmore ...	30.19	38	ESE	2	o	30.03	—	27	39	37	—	1	ESE	4	ogm	2	40	38	—	
Donaghadee ...	30.26	41	NN	4	o	30.09	—	31	40	38	—	1	S	2	c	0	41	38	—	
Parsonstown ...	30.17	37	ESE	1	o	30.01	—	30	40	38	+	2	E	1	og	•	40	35	—	
Barrow-in-Furness	30.25	28	E	3	o	30.12	—	25	34	33	—	4	SE	3	om	3	39	33	0.06	
† Holyhead ...	30.24	35	ESE	2	o	30.08	—	26	36	35	—	1	SE	1	c	0	38	33	—	
Liverpool (Biston)	30.27	33	SE	2	o	30.12	—	24	33	33	—	5	SE	2	o	2	38	30	—	
Valencia ...	30.06	46	E	5	o	29.89	—	30	44	42	+	2	E	5	o	5	45	39	—	
Roche's Point ...	30.09	41	ESE	5	o	29.94	—	29	45	45	+	4	SE	5	p	4	45	40	0.12	
Pembroke ...	30.15	37	E	3	o	30.04	—	22	40	37	+	3	ESE	4	mg	2	40	36	0.01	
† Scilly ...	30.06	42	S	5	o	29.93	—	21	48	47	+	7	SE	6	o	5	48	39	—	
Prawle Point ...	30.13	42	ESE	4	o	30.03	—	18	45	45	+	6	ENE	3	o	3	45	36	0.01	
Hurst Castle ...	30.19	37	E	5	m	30.08	—	20	42	41	+	6	E	3	m	2	44	31	—	
† Dover ...	30.25	37	E	3	o	30.17	—	22	39	38	+	4	S	2	b	2	41	34	—	
† London...	30.25	35	E	4	o	30.16	—	18	38	37	+	3	E	2	gf	•	38	33	—	
Oxford ...	30.24	33	E	1	o	30.15	—	21	37	36	+	5	ENE	1	ogm	•	37	32	0.04	
Cambridge ...	30.28	36	E	1	o	30.17	—	22	37	37	+	3	E	1	o	•	38	32	0.04	
† Yarmouth ...	30.30	35	ESE	4	o	30.18	—	21	39	38	+	5	SSE	1	bcm	2	39	33	0.04	
The Helder ...	30.25	28	ESE	1	bc	30.25	—	19	24	29	+	1	ESE	1	b	1	30	27	—	
Cape Griz Nez...	30.24	34	NNE	5	o	30.14	—	22	37	34	+	3	S	4	c	2	?	37	30	—
† Jersey ...	30.13	40	E	3	o	30.04	—	16	44	44	+	8	ESE	3	om	3	44	36	—	
Brest ...	30.01	39	SE	4	b	29.98	—	20	44	41	+	9	ESE	5	o	4	?	34	—	
Lorient ...	30.16	46	SE	4	bc	30.16	—	03	46	45	+	8	SE	5	b	2	50	37	—	
† Rochefort ...	30.04	55	S	4	b	30.04	—	08	35	48	+	19	S	5	bc	1	37	45	—	
Biarritz ...	•	•	•	•	•	30.25	—	15	33	31	+	4	SSE	1	b	•	34	?	—	
Corunna ...	•	•	•	•	•	30.25	—	08	31	29	+	2	SE	3	c	•	36	29	—	
Brussels ...	•	•	•	•	•	30.25	—	16	40	39	+	4	ENE	3	o	•	•	•	0.24	
Charleville ...	30.32	33	NE	1	b	30.28	—	08	31	29	+	2	SE	3	c	•	36	29	—	
Paris ...	30.26	40	NNE	1	o	30.25	—	16	40	39	+	4	ENE	3	o	•	•	•	—	
Lyons ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	—	
Toulon ...	30.36	42	SE	4	o	30.48	•	•	41	37	•	•	SE	7	c	5	45	37	—	

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

Hawes Junction	29.08	32	E	2	o	29.10	+	01	36	29	—	3	SE	1	o	38	29	—
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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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† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

WEATHER CHARTS

for 8 a.m. on Wednesday 2nd January - 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Iso-bars 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 —

→ = Force above 10; → = Force 6 to 10;
 → = Force 5 to 7; → = Force 1 to 4;
 ○ = dead calm.

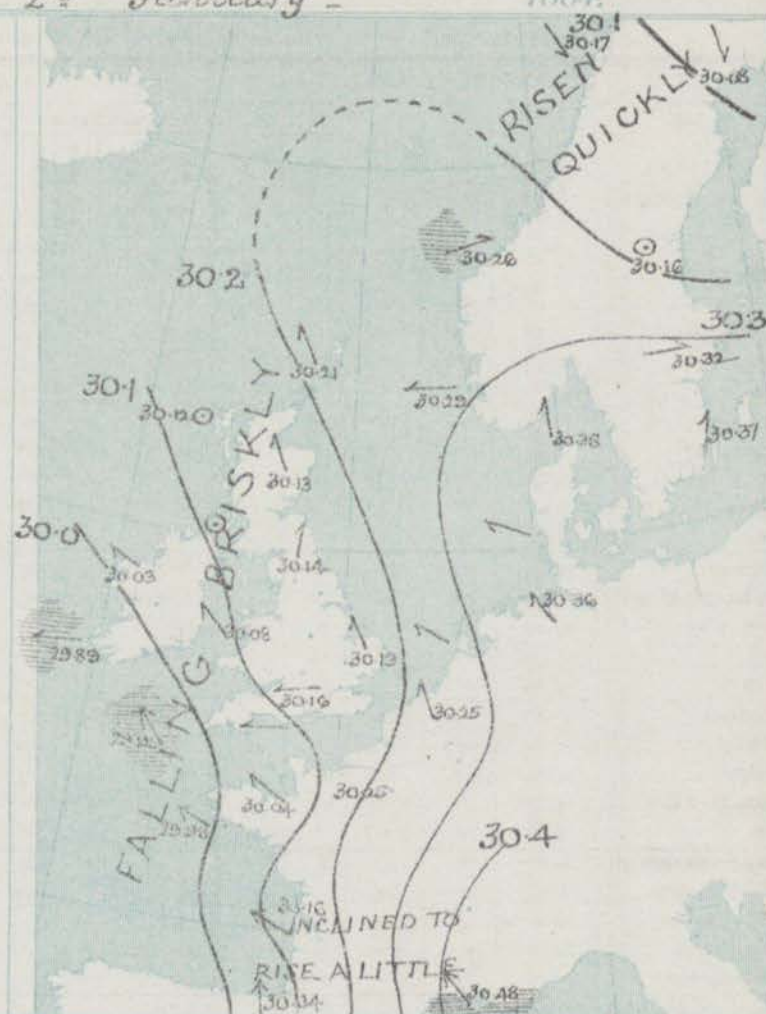
Sea Disturbance — where considerable is shown thus

— Bough — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of January
During the 10 Years 1871-1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.681
Stornoway	29.677
Wick	29.697
Nairn	29.759
Aberdeen	29.800
Inverness	29.815
Shetland	29.867
York	29.916
Aberdeen	29.937
Donaghadee	29.958
Holyhead	29.975
Liverpool	29.986
Valencia	29.983
Roch's Point	29.983
Pembroke	29.913
Scilly	29.953
Burton Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.976
Yarmouth	29.964



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.

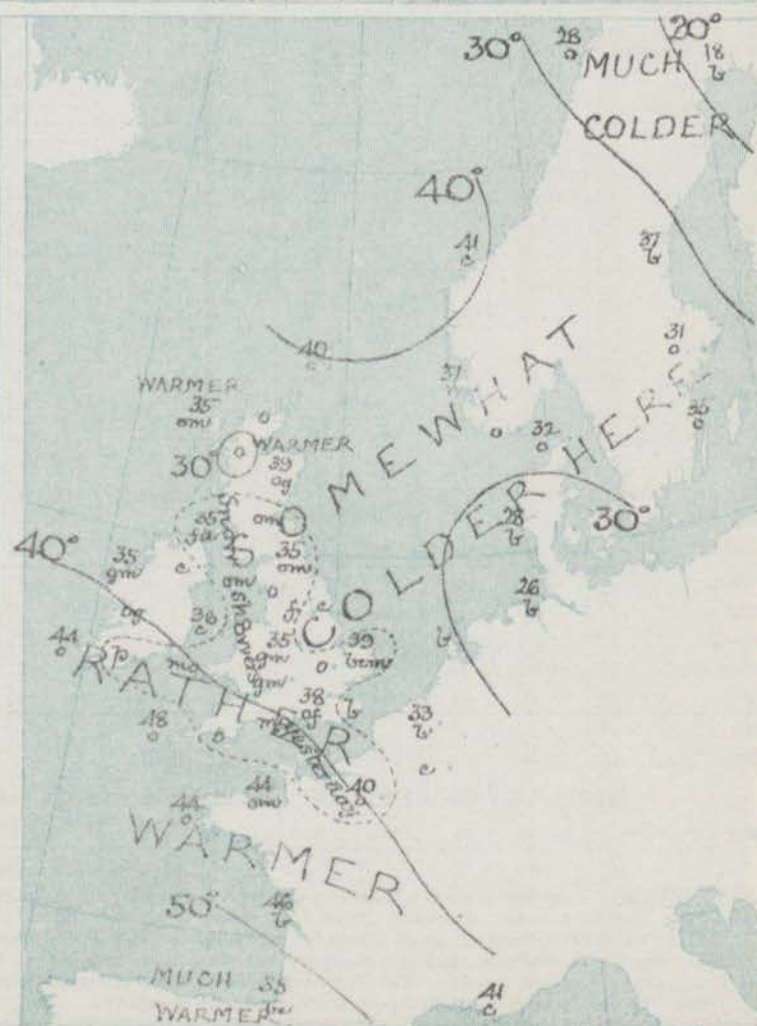
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	34.2	34.3	3.72
Stornoway	34.0	37.6	5.01
Wick	37.3	36.5	7.80
Nairn	36.9	35.3	7.09
Aberdeen	37.3	35.7	8.42
Inverness	36.2	37.2	2.07
Shetland	37.6	36.6	7.85
York	36.9	35.8	7.88
Aberdeen	40.1	35.4	4.06
Donaghadee	39.7	34.8	3.03
Holyhead	41.7	40.3	3.73
Liverpool	39.9	37.5	2.45
Valencia	39.1	42.3	7.22
Roch's Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.13
Scilly	46.5	45.0	4.24
Burton Castle	40.7	40.0	3.38
Dover	38.6	36.4	1.00
LONDON	39.1	37.1	2.41
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.64
Yarmouth	37.6	37.1	2.24

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 2nd January 1884, at 8 a.m.

The depression which apparently lay over the Bay of Biscay yesterday morning is now moving in a Nth direction outside our western coast, causing the barometer to fall decidedly on our northern stations, while it is inclined to rise in the South of France. The winds on our coast are consequently veering very generally, & the thermometer shows some tendency to rise at our Sth station, accompanied by some increase of dampness in the air & fog or mist in several places. Temperature is however still rather low generally, the present readings in our Islands varying from 28° at Naism & 35° over our Midland Counties to 44° at Valencia & 48° at Scilly. The weather is dull or cloudy everywhere, & some snow has fallen in a few localities - hazy over England.

The sea is rather rough off our Sth coasts, but has gone down in the Channel.

As the depression in the W. moves Nth, the barometer is likely to rise a little in the S., & the wind to become still more S^{ly} with milder weather. Some shallow subsidiary disturbances in the S., however, seem likely to give local cold showers before they pass off.

FORECASTS.

For the 24 hours ending at NOON on 3rd January 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	SE ^{ly} to S ^{ly} or SW ^{ly} winds, moderate; fair on the whole, milder	6 SCOTLAND WEST	S ^{ly} to SW ^{ly} breezes; some showers, milder
2 SCOTLAND EAST	-----D-----D-----D-----	7 ENGLAND N.W.	-----D-----D-----D-----
3 ENGLAND N.E.	Same as N ^o 5	8 ENGLAND S.W.	Same as N ^o 5
4 ENGLAND EAST	Same as N ^o 5	9 IRELAND NORTH	Same as N ^{os} 6 & 7
5 MIDLAND COUNTIES	Same as N ^o 5	10 IRELAND SOUTH	SE ^{ly} & S ^{ly} winds freshening; some rain
6 ENGLAND SOUTH	Wind drawing round gradually to the SE ^{ly} or S ^{ly} , with milder & damper weather	WARNINGS	None Issued

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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	30.49	41	41	ESE	1	0	3	Valencia	30.11	42	40	E	4	om	4
Samburgh Head	30.42	42	40	S	1	bc	2	Scilly	30.06	42	40	SE	5	0	5
Stornoway	30.36	38	35	Z	0	c	0	Dover	30.28	35	34	ESE	3	of	2
Aberdeen	30.42	38	36	SSE	3	0	1	London	30.27	35	33	E	3	ogm	*
Shields	30.35	40	37	ESE	3	0	3	Yarmouth	30.32	34	32	SE	2	0	4
Ardrossan	30.32	39	35	ENE	1	0	1	Jersey	30.14	39	35	E	3	0	3
Mullaghmore	30.23	34	35	ESE	4	om	2	Rochefort	30.40	45	45	SE	4	bc	2
Holyhead	30.27	37	35	E	3	0	2								

REMARKS.

The barometer continues to fall generally, but the winds and weather remain practically unchanged. Sea slight at Holyhead, smooth at Dover.

DAILY WEATHER REPORT

for *Thursday* 3rd January 1884.

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

STATIONS.	† YESTERDAY-EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.			
			Direc.	Force. (0 to 12)			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)	Max.			Min.	Amount of Rainfall.		
Haparanda	30.20	34	SE	2	0	30.13	+ .05	2	1	- .16	2	1	SE	0	bc	19	?	-	
Hernösand ...	30.20	34	SE	2	0	30.08	- .08	30	29	- .07	30	29	NE	2	s	45	28	-	
Stockholm ...	30.24	32	W	2	0	30.15	- .17	27	27	- .04	27	27	SW	2	o	36	?	-	
Wisby ...	30.28	32	W	4	0	30.18	- .24	32	32	- .02	32	32	SW	4	o	36	31	-	
Bodö ...	30.21	27	NNW	2	bc	30.10	- .07	23	22	- .05	23	22	NW	2	o	28	21	-	
Christiansund ...	30.18	35	Z	0	b	30.00	- .26	36	35	- .05	36	35	NE	4	o	41	32	-	
Skudesnaes ...	30.16	36	SSE	1	o	29.99	- .30	35	34	- .02	35	34	ESE	4	rs	37	?	0.04	
Oxö (Xtiansund) ...	30.17	38	NNE	2	o	30.05	- .29	32	31	- .05	32	31	N	2	o	37	32	-	
Skagen (The Skaw)	30.19	36	SSW	3	o	30.08	- .30	32	31	- .05	32	31	WSW	2	o	36	28	-	
Fanö ...	30.18	30	S	1	c	30.04	- .23	31	30	+ .03	31	30	SSE	4	m	?	27	-	
Cuxhaven ...	30.26	29	SSE	2	b	30.13	- .23	32	32	+ .06	32	32	S	1	c	32	24	-	
† Sumburgh Head	30.05	39	SE	3	c	29.94	- .27	35	35	- .02	35	35	N	2	o	41	35	0.15	
† Stornoway ...	30.03	36	Z	0	m	29.95	- .17	37	36	+ .02	37	36	E	3	b	37	32	-	
Wick ...	30.02	36	S	4	o	29.98	- .27	34	33	- .05	34	33	NW	1	c	40	29	0.09	
Nairn ...	30.02	32	Z	0	o	29.97	- .16	32	31	+ .04	32	31	SW	1	o	34	28	0.06	
† Aberdeen ...	30.04	36	S	1	om	29.96	- .17	28	28	- .11	28	28	WSW	1	bc	40	27	0.07	
Leith ...	30.05	36	SE	1	c	29.98	- .18	32	31	- .04	32	31	SE	1	om	37	36	-	
† Shields ...	30.07	36	Z	0	om	29.91	- .23	42	41	+ .07	42	41	ENE	1	r	42	32	0.08	
Spurn Head ...	30.06	40	ESE	3	o	29.87	- .29	42	42	+ .04	42	42	SE	3	m	42	35	0.14	
York ...	30.08	37	S	1	o	29.81	- .27	34	33	+ .04	34	33	SSE	1	r	39	34	0.32	
Loughborough...	30.06	37	E	1	o	29.86	- .30	43	43	+ .08	43	43	ESE	2	ogm	43	35	0.15	
† Ardrossan ...	30.04	36	ENE	1	o	29.88	- .24	37	37	+ .02	37	37	NE	3	of	40	29	0.01	
† Mullaghmore ...	29.92	40	ESE	5	b	29.67	- .36	41	41	+ .02	41	41	ESE	7	ty	42	38	0.22	
Donaghadee ...	30.02	41	SE	4	c	29.81	- .25	40	40	0	40	40	SE	4	r	41	38	0.20	
Parsonstown ...	29.89	42	E	3	o	29.66	- .35	49	48	+ .07	49	48	SE	1	o	49	39	0.18	
Barrow-in-Furness	30.03	36	SSE	2	o	29.80	- .29	40	40	+ .06	40	40	NE	3	r	40	32	0.19	
† Holyhead ...	29.98	34	ESE	1	o	29.76	- .32	45	45	+ .12	45	45	S	2	r	45	34	0.35	
Liverpool (Bidston)	30.00	37	SE	3	o	29.80	- .32	41	41	+ .08	41	41	ESE	3	m	41	33	0.29	
† Valencia ...	29.68	45	ESE	6	c	29.38	- .31	52	52	+ .08	52	52	ESE	7	omg	54	42	0.48	
Roche's Point ..	29.81	46	SE	6	r	29.67	- .27	49	49	+ .04	49	49	SSW	4	m	50	44	1.06	
Pembroke ...	29.98	42	E	3	o	29.76	- .28	50	50	+ .10	50	50	SSW	4	op	50	40	0.26	
† Scilly ...	29.99	51	SSE	7	od	29.76	- .17	32	32	+ .04	32	32	SSW	5	om	52	47	0.11	
Prawle Point ...	29.94	48	SE	3	o	29.81	- .15	50	50	+ .05	50	50	SSW	3	o	50	45	0.12	
Hurst Castle ...	30.01	46	SE	3	c	29.93	- .15	48	48	+ .06	48	48	SSW	4	o	48	44	0.18	
† Dover ...	30.07	44	S	1	bc	29.98	- .19	46	45	+ .07	46	45	SW	4	or	47	38	0.04	
† London ...	30.05	44	SE	1	og	29.94	- .22	48	48	+ .10	48	48	S	3	o	48	38	0.11	
Oxford ...	30.02	42	ESE	1	o	29.89	- .26	45	45	+ .11	45	45	S	2	op	45	36	0.14	
Cambridge ...	29.99	40	SSE	1	o	29.90	- .27	45	45	+ .08	45	45	S	1	r	45	36	0.09	
† Yarmouth ...	30.08	41	SE	2	o	29.97	- .26	44	42	+ .05	44	42	SSW	2	ogm	44	38	-	
The Helder ...	30.15	31	SE	1	r	30.02	- .23	36	36	+ .07	36	36	SSE	1	o	37	?	-	
Cape Griz Nez...	?	45	?	4	bc	29.97	- .15	47	47	+ .10	47	47	S	7	r	47	?	0.04	
† Jersey ...	29.99	48	ESE	3	og	29.95	- .09	48	48	+ .04	48	48	S	3	ogm	49	43	0.06	
Brest ...	29.86	50	SSE	5	r	29.89	- .09	61	49	+ .07	61	49	S	4	b	?	42	0.04	
Lorient ...	29.95	50	SSE	4	m	29.97	- .05	50	49	+ .05	50	49	S	3	l	52	43	0.04	
† Rochefort ...	30.13	57	SSE	5	c	30.11	- .05	48	47	+ .02	48	47	SSE	5	o	55	39	-	
Biarritz ...	30.04	59	S	4	bc	30.02	- .02	58	58	+ .03	58	58	S	3	c	61	55	-	
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*	30.07	- .18	44	41	+ .11	44	41	S	4	o	45	?	-	
Charleville ...	30.20	38	?	1	o	30.13	- .15	39	36	+ .08	39	36	SE	1	m	40	?	-	
Paris ...	30.26	41	S	5	o	30.19	- .06	45	44	+ .05	45	44	S	3	r	*	*	-	
Lyons ...	30.29	41	S	4	b	30.24	- .05	42	41	+ .05	42	41	S	4	b	48	41	-	
Toulon ...																			

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

Hawes Junction	29.96	31	Z	0	o	28.61	- .19	34	34	+ .04	34	34	SE	1	r	34	29	0.27
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EXPLANATION OF COLUMNS.

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

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

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

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

† Received too late for insertion in chart

WEATHER CHARTS

for 8 a.m. on Thursday 3rd January

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

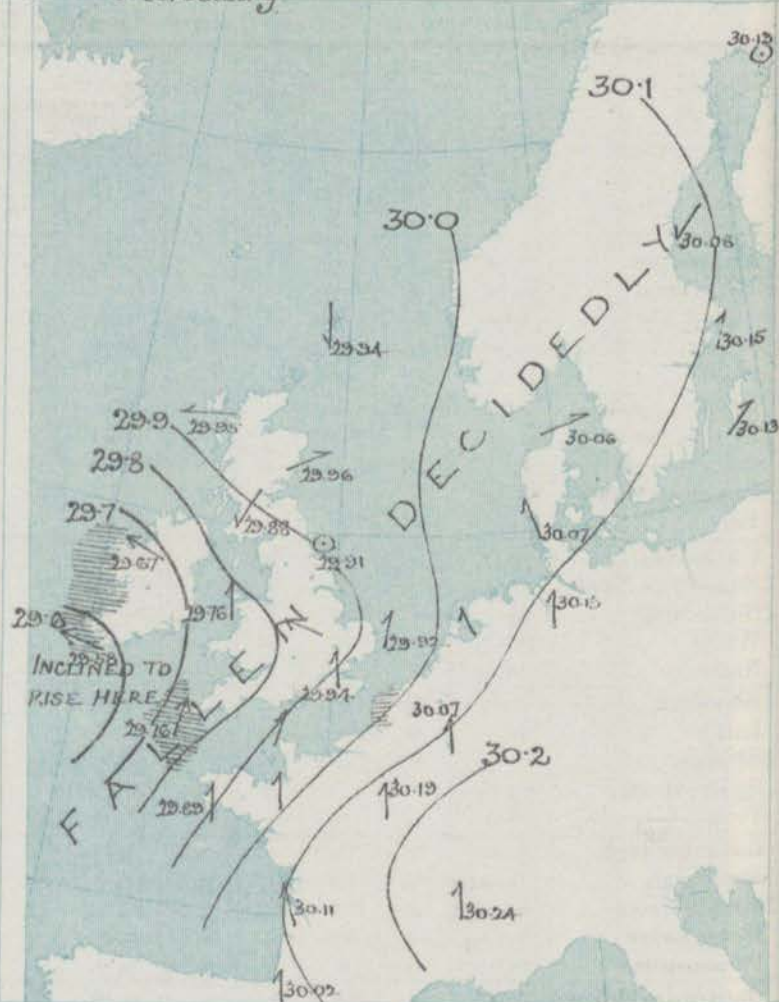
Barometer—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—
 — force above 10; — force 8 to 10;
 — force 5 to 7; — force 1 to 4;
 ⊙ = dead calm.

Sea Disturbance—where considerable is shown thus
 — Rough. — High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.661
Stornoway.	29.657
Wick.	29.694
Nairn.	29.729
Aberdeen.	29.763
Leith.	29.819
Shields.	29.867
Kirk.	29.916
Ardrossan.	29.817
Donaghadee.	29.838
Ballyhead.	29.875
Liverpool.	29.906
Valencia.	29.952
Rock's Point.	29.883
Pembroke.	29.913
Scilly.	29.953
Burgh Castle.	29.975
Dover.	30.002
LONDON.	29.987
Oxford.	29.991
Cambridge.	29.975
Yarmouth.	29.964



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

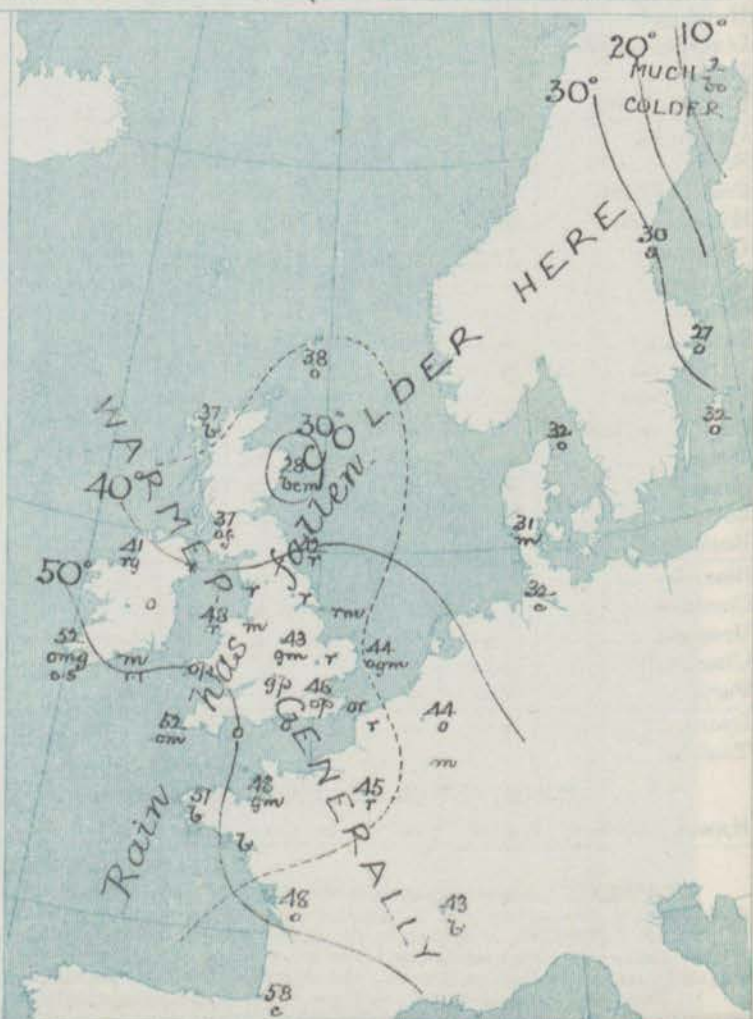
Temperature—Isotherms are drawn for each 10° Changes since previous morning are stated in words.
Weather—is shown by Letters of the Beaufort Scale.
Rainfall—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	39.2	36.3	3.72
Stornoway.	38.9	37.6	5.28
Wick.	37.9	36.5	7.80
Nairn.	36.9	35.3	7.99
Aberdeen.	37.3	36.7	2.42
Leith.	38.2	37.2	2.02
Shields.	37.8	36.6	1.88
York.	36.9	35.9	1.88
Ardrossan.	40.1	38.4	4.86
Donaghadee.	39.7	38.8	3.03
Ballyhead.	41.7	40.3	3.73
Liverpool.	38.9	37.3	2.46
Valencia.	44.1	43.3	7.22
Rock's Point.	43.1	42.0	5.68
Pembroke.	42.8	41.5	4.13
Scilly.	46.5	45.0	4.24
Burgh Castle.	40.7	40.0	3.08
Dover.	39.6	38.4	3.03
LONDON.	38.1	37.1	2.41
Oxford.	37.6	36.6	2.53
Cambridge.	36.5	35.7	1.64
Yarmouth.	37.8	37.1	2.24

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 3rd January 1884* at 8 a.m.

A further fall of the barometer has taken place over the whole of NW Europe during the past 24 hrs, and this morning's observations show that pressure varies from 30.24 ins. at Lyons & 29.98 ins. ^{at Hild} to 29.58 ins. at Valencia. There is apparently a well formed depression lying to the Wst of Ireland, while shallow subsidiary disturbances lie over Wales & England. Thus, while SEth winds still hold over the greater part of Ireland & the N. of England, SWth breezes prevail in the Sth districts generally. The SEth wind blows a moderate gale in the N. of Ireland, but in other parts the wind is light or moderate in force. Temperature has again increased except in the E. of Scotland & Westing's range from about 32° on our SWth coast, & 48° in London to between 28° & 32° at the Scotch stations. Rain has fallen in nearly all parts of Ireland & England (heavily at Roches Point), & snow in Scotland. The sky is still overcast except in the N., with rain at several of our Sth & Wth stations.

The sea is rough in the straits N. & S.W., moderate in the Channel, smooth or nearly so elsewhere.

The barometer is now inclined to rise a little at Valencia, so that the depression in the W. will probably become shallower as it moves Nth. The gales in the far N. will therefore probably subside, & SWth winds with mild showery weather become rather more general.

FORECASTS

for the 24 hours ending at NOON on *4th January 1884.*

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	SE th winds, light and variable; fair on the whole, fogs locally	6 SCOTLAND WEST	SE th breezes, fresh; cloudy, some rain
2 SCOTLAND EAST	-----D-----D-----D-----	7 ENGLAND N.W.	-----D-----D-----D-----
3 ENGLAND N.E.	-----D-----D-----D-----	8 ENGLAND S.W.	Same as N ^o 5
4 ENGLAND EAST	Same as N ^o 5	9 IRELAND NORTH	Same as N ^{os} 6 & 7
5 MIDLAND COUNTIES	Varying SE th to SW th breezes; rain at times	10 IRELAND SOUTH	Wind becoming SW th ; some showers
6 ENGLAND SOUTH	SW th winds, light or moderate; changeable; rain at times	WARNINGS	None Issued

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.
Skudesnaes	30.28	38	36	SSE	6	0	3	Valencia	29.78	45	45	ESE	3	rm	4
Sumburgh Head	30.12	39	38	SE	3	0	2	Scilly	29.84	50	49	SE	6	0	5
Sornoway	30.05	37	35	N	1	om	0	Dover	30.11	44	42	S	2	0	2
Aberdeen	30.06	39	38	Z	0	dm	2	London	30.08	43	42	ESE	1	om	*
Shields	30.09	36	35	SSW	1	om	2	Yarmouth	30.13	41	40	SE	1	cm	3
Ardrossan	30.07	36	35	ENE	2	0	1	Jersey	30.01	47	46	ESE	3	c	3
Mullaghmore	29.97	41	39	E	5	om	3	Rochefort	30.15	53	52	SSE	5	c	2
Holyhead	30.05	40	39	ESE	1	0	2								

REMARKS.

The barometer continues to fall generally, but somewhat uniformly. The winds are very little changed, but rain has set in at Valencia, and mist is reported from several other stations. The sea is smooth at Holyhead and Dover.

for Fri day 4th January 1884.
Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

WEATHER CHARTS

for 8 a.m. on Friday, 4th January 1884.

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—

→ = force above 10; →→ = forces 8 to 10;

→→ = forces 5 to 7; →→ = forces 1 to 4;

○ = dead calm.

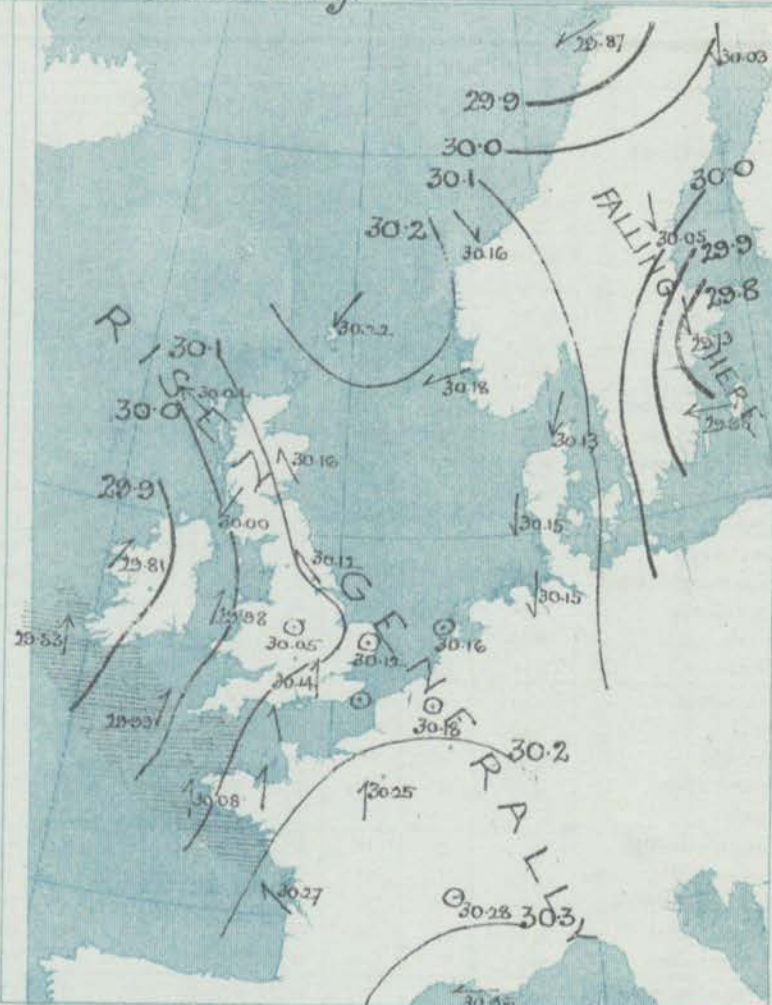
Sea Disturbance—where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.681
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.877
Donaghadee	29.838
Holyhead	29.875
Liverpool	29.806
Valencia	29.852
Roches Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.976
Yarmouth	29.964



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.

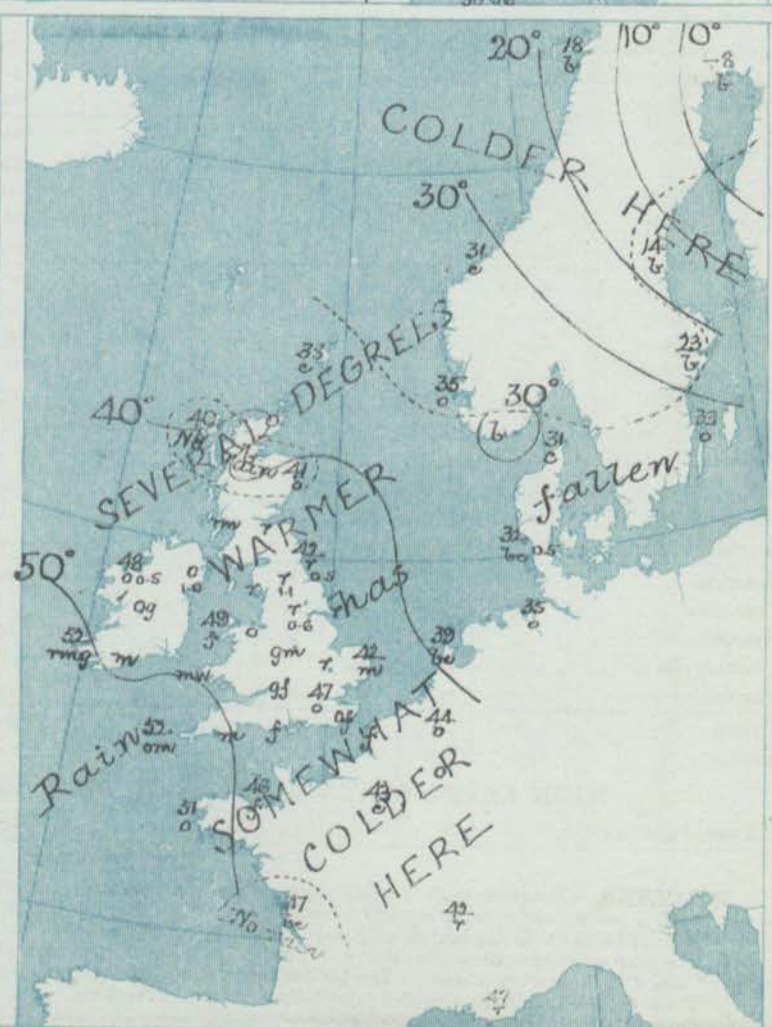
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	39.2	38.3	3.72
Stornoway	36.9	37.6	5.28
Wick	37.9	36.5	1.80
Nairn	36.9	35.3	1.09
Aberdeen	37.3	36.7	2.42
Leith	38.2	37.2	2.02
Shields	37.3	36.6	1.88
York	36.9	36.0	1.85
Ardrossan	40.1	39.4	4.86
Donaghadee	39.7	38.8	3.03
Holyhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.46
Valencia	44.1	43.3	7.22
Roches Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.13
Scilly	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.38
Dover	39.6	38.4	3.03
LONDON	38.1	37.1	2.47
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.64
Yarmouth	37.8	37.1	2.24

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 4th January 1884, at 8 a.m.

In the course of the past 24 hours the barometer has risen over ^{our} Islands & their immediate neighbourhood, but as the change has been fairly uniform the distribution of pressure remains practically unaltered.

A depression has, however, approached over the Baltic & the barometer is consequently falling rather briskly in the S. of Sweden. The wind is light or moderate in force on all coasts; on our S.th & N.th coasts it is chiefly S.th, but in the N. & E. it is SE.th. The weather is fine in Sweden, the extreme N. of Scotland & some parts of France, but cloudy or overcast elsewhere, with rain in the S. of England & fog over our S.th districts. During yesterday rain fell generally; in the N. parts of England & Ireland the amounts were heavy, the largest of all being 1 in. at Donaghadee & 1.1 in. at Havers Junction. Temperature has risen several degrees in the N. but fallen a little in the S.E.; readings now range from 52° at Valencia to 31 at Inverburgh H.^{ts}. The sea is rather rough on our S.W. coasts, slight or smooth elsewhere.

The changes in pressure are at present too uniform to admit of any important alteration in the weather.

FORECASTS

for the 24 hours ending at NOON on 5th January 1884.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE. th or S. th winds, moderate; fair to dull and some rain	6 { SCOTLAND WEST	Same as N ^o 2.
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N. W.	Same as N ^o 2
2 { ENGLAND N. E.	SE. th winds, moderate; dull, misty, some rain	8 { ENGLAND S. W.	S. th & SE. th winds, moderate or fresh; dull, some mist & rain
3 { ENGLAND EAST	Same as N ^o 5	9 { IRELAND NORTH	-----D-----D-----D-----
4 { MIDLAND COUNTIES	Same as N ^o 5	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	Light breezes, chiefly S. th ; dull generally, with wet fogs	WARNINGS	None Issued

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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.95	35	35	N	2	r	3	Valencia	29.62	55	52	S	6	cm	6
Sumburgh Head	29.98	40	39	N	2	r	2	Scilly	29.81	53	52	SSE	5	om	5
Stornoway	29.98	40	39	E	4	c	3	Dover	29.86	45	45	SW	3	cp	2
Aberdeen	29.98	32	32	WSW	1	cm	1	London	29.95	53	51	SSW	2	om	*
Shields	29.91	41	40	NE	2	r	3	Yarmouth	29.91	48	47	SW	3	of	3
Ardrossan	29.89	35	35	NE	3	o	1	Jersey	29.98	47	47	SE	3	f	3
Mullaghmore	29.70	42	42	E	5	ugm	5	Rochefort	30.10	55	52	S	5	c	2
Holyhead	29.80	30	30	SSW	2	f	3								

REMARKS.

The barometer is rising at all but our SE^r stations, where a slight fall is still reported. The wind has veered to S. at Valencia, but is little changed elsewhere. Fog or mist is reported at many stations, and rain is falling at Sumburgh & Shields. Sea is slight at Holyhead, smooth at Dover.

DAILY WEATHER REPORT

for *Saturday* 5th January 1884.

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

† YESTERDAY EVENING.														8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.												
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Weather.	Max.	Min.	Amount of Rainfall.									
Haparanda	29.97	18	20	0	6	29.95	-0.02	14	14	-6	20	0	6	4	23	15	-									
Hernösand ...	30.10	13	20	0	6	30.13	+0.03	21	19	+7	NW	2	6	4	30	12	-									
Stockholm ...	30.25	12	WNW	2	6	30.28	+0.03	15	15	-8	WNW	6	6	4	34	25	-									
Wisby ...	30.19	27	N	6	60	30.27	+0.08	29	28	-4	NW	2	0	4	27	18	-									
Bodö ...	29.95	23	NW	4	60	29.91	-0.04	27	25	+9	NW	2	0	4	27	18	-									
Christiansund ...	30.25	30	NW	3	0	30.17	-0.08	31	30	-1	SW	5	60	4	32	25	0.04									
† Skudenes ...	30.26	36	SE	6	0	30.23	-0.03	37	36	+2	SE	6	0	4	4	34	-									
Oxö (Xämsund) ...	30.38	28	N	2	0	30.32	-0.06	31	30	+6	WNW	1	0	3	3	3	-									
Skagen (The Skaw)	30.36	29	SE	2	6	30.36	+0.00	31	29	-2	S	4	0	3	32	23	-									
Fanö ...	30.36	31	SE	3	0	30.34	-0.02	31	30	-1	SE	4	0	4	32	28	-									
Cuxhaven ...	30.23	34	NE	2	0	30.32	+0.09	33	33	-2	SSE	4	0	4	41	29	-									
† Sumburgh Head	30.23	38	SE	3	0	29.94	-0.29	41	40	+3	SE	5	0	5	41	35	-									
† Stornoway ...	29.99	42	SE	5	3	29.60	-0.39	46	46	+6	SE	4	0	4	46	38	0.15									
Wick ...	30.14	41	SE	6	4	29.75	-0.39	44	42	+4	SE	7	0	6	44	39	0.10									
Nairn ...	30.06	40	E	1	0	29.71	-0.35	46	44	+11	S	3	0	0	46	35	0.09									
† Aberdeen ...	30.15	41	SSE	4	4	29.83	-0.32	45	45	+4	SSE	6	4	4	45	40	0.32									
Leith ...	30.07	41	SE	1	4	29.79	-0.30	47	46	+6	SE	1	0	4	47	38	0.48									
† Shields ...	30.14	44	20	0	4	29.91	-0.23	48	48	+6	SSE	3	0	3	48	40	0.36									
Spurn Head ...	30.11	44	SSE	2	0	30.01	-0.08	44	44	+1	SSE	4	0	4	45	41	0.05									
York ...	30.12	44	20	0	4	29.98	-0.14	47	47	+4	SSE	2	0	4	48	42	0.18									
Loughborough ...	30.11	49	SSW	1	0	30.00	-0.11	48	48	+3	SSE	3	0	4	50	45	-									
† Ardrossan ...	30.02	40	ENE	3	4	29.65	-0.37	50	49	+12	SE	5	0	3	50	39	0.61									
† Mullaghmore ...	29.86	51	S	5	49	29.48	-0.38	48	47	-1	SW	5	6	5	54	48	0.20									
Donaghadee ...	29.98	48	S	2	4	29.60	-0.38	50	50	+3	SW	7	0	5	50	46	0.56									
Parsonstown ...	29.88	51	SE	2	4	29.61	-0.27	46	45	-3	S	1	0	4	53	45	-									
Barrow-in-Furness	30.06	46	E	2	0	29.80	-0.26	48	48	+5	SSE	5	0	4	49	44	0.35									
† Holyhead ...	30.07	56	SSE	2	0	29.83	-0.24	51	49	+4	SE	3	0	3	52	46	0.02									
Liverpool (Bidston)	30.07	52	SSE	5	4	29.54	-0.53	51	51	-1	SSW	8	0	7	54	47	1.22									
† Valencia ...	29.75	50	S	5	4	29.70	-0.05	49	49	0	SW	5	0	5	51	48	0.75									
Roche's Point ...	29.85	50	S	5	4	29.70	-0.15	49	49	0	SW	5	0	5	51	48	0.75									
Pembroke ...	30.03	50	S	2	0	29.77	-0.26	50	50	0	S	4	4	4	52	49	0.31									
† Scilly ...	29.99	53	S	6	0	29.79	-0.20	52	52	0	SW	6	4	6	53	50	0.46									
Prawle Point ...	30.14	50	S	2	0	29.93	-0.21	50	49	-1	SSE	4	0	5	53	48	0.01									
Hurst Castle ...	30.17	49	WNW	1	0	30.04	-0.13	47	46	-1	SSW	5	0	3	50	46	0.02									
† Dover ...	30.19	45	SW	3	0	30.13	-0.06	45	44	-1	SSW	4	0	2	47	44	0.03									
† London ...	30.21	49	SW	1	0	30.09	-0.12	48	47	+1	S	3	0	4	52	44	-									
Oxford ...	30.19	50	S	3	0	30.03	-0.16	49	48	+1	SSE	4	0	4	50	47	0.01									
Cambridge ...	30.19	48	S	1	0	30.06	-0.13	47	46	+1	S	1	0	4	50	44	-									
† Yarmouth ...	30.17	44	S	1	0	30.13	-0.04	43	43	+1	S	3	0	3	44	41	0.03									
The Helder ...	30.26	36	WNW	1	0	30.21	-0.05	37	37	-2	SSE	1	0	1	39	36	0.16									
Cape Griz Nez ...	30.22	46	S	4	6	30.19	-0.03	44	44	-2	S	5	6	4	48	43	-									
† Jersey ...	30.19	49	SSE	1	6	30.06	-0.13	46	46	0	SSE	4	0	4	49	44	0.01									
Brest ...	30.10	57	S	4	0	29.98	-0.12	51	51	0	S	7	0	5	54	48	-									
Lorient ...	30.29	49	SE	4	4	30.24	-0.05	43	43	-4	SSE	5	0	2	54	37	-									
† Rochefort ...	30.19	56	E	3	6	30.17	-0.02	61	52	+5	S	3	6	1	61	54	-									
Biarritz ...	30.19	56	E	3	6	30.17	-0.02	61	52	+5	S	3	6	1	61	54	-									
Corunna ...	30.25	46	E	1	6	30.28	+0.03	45	45	+2	SSW	5	0	4	47	43	0.04									
Brussels ...	30.26	44	E	1	6	30.28	+0.02	45	42	+6	E	1	0	4	45	38	-									
Charleville ...	30.36	44	SSE	4	0	30.28	-0.08	43	42	+1	SE	3	0	4	45	38	-									
Paris ...	30.36	44	SSE	4	0	30.28	-0.08	43	42	+1	SE	3	0	4	45	38	-									
Lyons ...	30.36	45	N	1	0	30.34	+0.02	44	44	+2	E	1	0	4	47	45	0.08									
Toulon ...	30.36	47	E	1	0	30.39	+0.03	47	46	-1	SE	1	0	2	50	45	-									
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																										
Hawes Junction	28.85	40	E	2	0	28.66	-0.19	42	41	+10	S	2	0	4	48	31	0.47									

EXPLANATION OF COLUMNS.

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

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

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

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



Fred. Dargfield Ltd. London.

for 8 a.m. on Saturday, 5th January 1884.

(Explanation of Map)

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

* \longrightarrow = forces above W_i \longrightarrow = forces 8 to W_i
 \longrightarrow = forces 5 to T_i \longrightarrow = forces 1 to 4_i
 \odot = dead calm.

Sea Disturbance — where considerable is shown thus
 = Rough.  = High.

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

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.

for the month of January

A hand-drawn map of the British Isles, showing latitude and longitude lines. The map is annotated with handwritten text and numerical data points.

Handwritten Annotations:

- WARMER HERE:** Written in large, bold letters, with an arrow pointing towards the north (Scotland).
- RAIN NOW:** Written in large, bold letters, with an arrow pointing towards the west (Ireland).
- VERY LITTLE:** Written in large, bold letters, with an arrow pointing towards the south (Ireland).
- CHANGE:** Written in large, bold letters, with an arrow pointing towards the south (Ireland).
- 44 Rain has fallen:** A circled area in the south of Ireland with this text inside.

Map Features:

- Latitude Lines:** 20°, 30°, 40°, 50°, 60°.
- Longitude Lines:** 10°, 14°, 18°, 22°, 26°, 30°.
- Contour Lines:** Labeled with values like 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120, 125, 130, 135, 140, 145, 150, 155, 160, 165, 170, 175, 180, 185, 190, 195, 200, 205, 210, 215, 220, 225, 230, 235, 240, 245, 250, 255, 260, 265, 270, 275, 280, 285, 290, 295, 300, 305, 310, 315, 320, 325, 330, 335, 340, 345, 350, 355, 360, 365, 370, 375, 380, 385, 390, 395, 400, 405, 410, 415, 420, 425, 430, 435, 440, 445, 450, 455, 460, 465, 470, 475, 480, 485, 490, 495, 500, 505, 510, 515, 520, 525, 530, 535, 540, 545, 550, 555, 560, 565, 570, 575, 580, 585, 590, 595, 600, 605, 610, 615, 620, 625, 630, 635, 640, 645, 650, 655, 660, 665, 670, 675, 680, 685, 690, 695, 700, 705, 710, 715, 720, 725, 730, 735, 740, 745, 750, 755, 760, 765, 770, 775, 780, 785, 790, 795, 800, 805, 810, 815, 820, 825, 830, 835, 840, 845, 850, 855, 860, 865, 870, 875, 880, 885, 890, 895, 900, 905, 910, 915, 920, 925, 930, 935, 940, 945, 950, 955, 960, 965, 970, 975, 980, 985, 990, 995, 1000.
- Islands:** Great Britain, Ireland, and the Shetland Islands.
- Handwritten Numbers:** Various numbers are scattered across the map, including 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120, 125, 130, 135, 140, 145, 150, 155, 160, 165, 170, 175, 180, 185, 190, 195, 200, 205, 210, 215, 220, 225, 230, 235, 240, 245, 250, 255, 260, 265, 270, 275, 280, 285, 290, 295, 300, 305, 310, 315, 320, 325, 330, 335, 340, 345, 350, 355, 360, 365, 370, 375, 380, 385, 390, 395, 400, 405, 410, 415, 420, 425, 430, 435, 440, 445, 450, 455, 460, 465, 470, 475, 480, 485, 490, 495, 500, 505, 510, 515, 520, 525, 530, 535, 540, 545, 550, 555, 560, 565, 570, 575, 580, 585, 590, 595, 600, 605, 610, 615, 620, 625, 630, 635, 640, 645, 650, 655, 660, 665, 670, 675, 680, 685, 690, 695, 700, 705, 710, 715, 720, 725, 730, 735, 740, 745, 750, 755, 760, 765, 770, 775, 780, 785, 790, 795, 800, 805, 810, 815, 820, 825, 830, 835, 840, 845, 850, 855, 860, 865, 870, 875, 880, 885, 890, 895, 900, 905, 910, 915, 920, 925, 930, 935, 940, 945, 950, 955, 960, 965, 970, 975, 980, 985, 990, 995, 1000.

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 5th January 1884. at 8 a.m.

Under the influence of a large depression which is advancing towards our western coast the barometer is falling quickly over Ireland and Scotland, and less rapidly in all parts of the Kingdom. On the eastern shores of the North Sea, however, it appears to be rising, and an area of high pressure lies over Denmark, the south of Sweden, and the east and south-east of France. S^W or SE^W winds are reported generally; in Ireland there is a moderate to fresh gale from the S^W, while in Scotland the wind is increasing quickly from SE. The weather is overcast at nearly all stations, with rain in the west and north, and fog or mist in the east. In the course of the past twenty-four hours rain has fallen generally; at Ardara and Donaghadee there has been as much as 0.6 in.; at Rocks Point, 0.8 in.; and at Valencia 1.2 ins. Temperature has risen several degrees in the north, and reading range from 52° at Scilly to 43° at Yarmouth and 41° at Sumburgh Head. The sea is high at Valencia and rough in the west and north generally.

The approaching depression will probably move in a N^W or NE^W direction, and there are some indications of the advance of subsidiary disturbances towards our south-west coast.

A report from the Ben Nevis observatory has arrived today. At the summit of the mountain the barometer at 8 a.m. stood at 25.08 ins. with a temperature of 33° and a westerly gale from SE.

FORECASTS

for the 24 hours ending at NOON on
(Issued at 11 a.m. on the previous day.)

1884.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ^W and S ^W winds, strong to a gale; dull, rain at times.	6 { SCOTLAND WEST	Same as N ^W 0 to 2.
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	Same as N ^W 0 to 2.
2 { ENGLAND N.E.	-----D-----D-----D-----	8 { ENGLAND S.W.	S ^W and SW ^W strong winds or gales; dull, rain at times.
3 { ENGLAND EAST	Same as N ^W 5.	9 { IRELAND NORTH	-----D-----D-----D-----
4 { MIDLAND COUNTIES	Same as N ^W 5.	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	S ^W winds, freshening considerably; cloudy generally, with some rain.	WARNINGS	The north cone was hoisted last evening in districts 0 to 2, and the south cone in districts 6 to 10.

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

TUESDAYS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.23	36	34	25	0	0	3	Valencia	29.83	53	52	SSE	4	hmg	4
Sumburgh Head	30.25	39	35	SE	3	0	3	Scilly	30.01	53	53	S	5	0	5
Stornoway	30.01	43	43	ESE	6	0	5	Dover	30.19	46	45	SW	3	0	1
Aberdeen	30.16	42	39	SE	4	1	3	London	30.17	52	50	S	1	cmd	3
Shields	30.11	43	43	SE	4	1	4	Yarmouth	30.15	43	43	SSE	1	fd	2
Ardrossan	30.02	40	40	ESE	3	1	1	Jersey	30.18	48	48	SE	1	c	1
Mullaghmore	29.87	53	49	S	4	0	2	Rocheport	30.30	50	49	SE	3	f	2
Holyhead	30.03	50	50	S	2	0	3								

REMARKS.

The barometer is falling a little at Stornoway and Valencia, but continues to rise in most other places. The wind remains unchanged. The weather is dull generally, with rain at Aberdeen, Shields, and Valencia and a misty drizzle in the SE. of England.

DAILY WEATHER REPORT

for Sunday 6th January 1884.

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

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Weather.	Max.		Min.	
Haparanda	29.87	-9	Z	0	b	29.36	- .59	21	21	+ 35	Z	0	c	*	?	-15	-	
Hernösand ...	29.99	21	Z	0	b	29.60	- .03	18	17	- 3	S	4	c	*	25	9	-	
Stockholm ...	30.24	22	W	2	o	29.82	- .16	24	23	+ 9	SSW	2	o	*	?	12	-	
Wisby ...	30.26	30	W	6	b	29.88	- .39	29	28	0	S	4	o	*	32	25	-	
Bodö ...	29.60	41	SW	9	r	29.15	- .66	37	36	+ 10	W	6	c	7	41	25	0.28	
Christiansund ...	29.70	30	ESE	3	b	29.37	- .90	33	32	+ 2	ESE	4	s	3	?	25	-	
† Skudesnaes ...	29.85	36	SSE	8	o	29.25	- .98	41	40	+ 5	SSE	8	r	6	?	36	0.08	
Oxö (Xtiansund) ...	30.06	33	ESE	6	o	29.41	- .91	33	33	+ 2	SE	2	c	4	34	32	0.75	
Skagen (The Skaw)	30.12	32	SSW	4	o	29.32	- .86	36	36	+ 5	SSW	6	r	7	37	30	0.20	
Fanö ...	29.96	32	S	6	o	29.58	- .76	41	41	+ 10	WSW	4	o	*	41	30	0.20	
Cuxhaven ...	30.10	40	SSE	3	a	29.76	- .36	42	42	+ 9	WSW	2	f	*	?	31	-	
† Sumburgh Head	29.40	45	SE	6	r	28.98	- .96	44	43	+ 3	WSW	1	o	4	45	41	0.45	
† Stornoway ...	29.22	47	SSW	14	m	29.17	- .42	46	46	0	W	3	o	3	45	44	0.55	
Wick ...	29.24	46	SW	2	c	29.05	- .70	45	42	+ 1	WSW	4	ow	3	46	42	0.25	
Nairn ...	29.37	47	S	2	c	29.01	- .70	46	44	0	W	4	c	2	50	44	0.12	
† Aberdeen ...	29.42	47	S	Y	c	29.16	- .57	46	44	+ 1	WSW	5	c	4	48	44	0.47	
Leith ...	29.43	47	SW	2	bc	29.32	- .17	47	47	0	SW	6	bc	*	50	45	0.05	
† Shields ...	29.37	49	S	4	o	29.47	- .44	45	44	0	W	5	m	2	50	47	0.17	
Spurn Head ...	29.72	46	SSW	4	o	29.62	- .38	46	45	+ 2	SSW	3	bc	3	47	40	0.14	
York ...	29.69	48	W	2	bc	29.61	- .37	45	46	+ 1	W	4	o	*	50	45	0.12	
Loughborough...	29.76	50	S	4	a	29.72	- .23	47	45	- 1	WSW	5	cgy	*	50	47	0.17	
† Ardrossan ...	29.42	48	S	4	o	29.42	- .23	47	47	- 3	WSW	5	o	4	50	41	0.23	
† Mullaghmore ...	29.47	49	WSW	7	o	29.59	+ .11	47	45	- 1	WSW	5	omgy	4	50	47	0.06	
Donaghadee ...	29.51	48	SSW	6	o	29.54	- .09	45	45	- 5	WSW	5	c	3	51	45	0.25	
Parsonstown ...	29.44	49	W	1	c	29.69	+ .08	46	45	0	SW	2	of	e	52	45	0.04	
Barrow-in-Furness	29.63	47	S	5	o	29.60	- .20	46	45	- 2	SW	4	c	5	49	45	0.15	
Holyhead ...	?	?	?	?	?	29.67	- .43	48	46		WSW	2	c	2	52	46	0.48	
Liverpool (Bidston)	29.69	50	SSW	3	o	29.66	- .18	48	45	- 3	WSW	4	c	3	52	47	0.07	
Valencia ...	29.69	50	WSW	5	o	29.84	+ .30	45	46	- 3	W	6	cgy	4	52	49	0.13	
Roche's Point ..	29.71	49	SSW	5	r	29.77	+ .07	45	47	- 1	W	4	o	4	52	45	0.45	
Pembroke ...	29.77	50	SSW	5	bc	29.77	- .00	49	48	- 1	WSW	6	cgy	5	50	49	0.12	
† Scilly ...	29.86	51	SW	4	c	29.93	+ .14	51	50	- 1	WSW	5	c	5	52	49	0.01	
Prawle Point ...	29.96	50	SSW	3	m	29.96	- .03	50	49	0	SW	6	bc	4	51	47	0.30	
Hurst Castle ...	29.89	48	WSW	5	a	29.89	- .15	48	47	+ 1	WSW	6	c	3	50	45	0.14	
† Dover ...	29.90	47	SW	5	o	29.90	- .25	47	46	+ 2	W	4	bc	3	48	42	0.18	
† London ...	29.86	50	S	5	or	29.85	- .24	50	48	+ 2	SW	2	c	*	50	44	0.16	
Oxford ...	29.88	50	S	4	o	29.87	- .22	49	45	0	SW	3	ogd	*	50	48	0.13	
Cambridge ...	29.88	48	S	1	r	29.79	- .27	47	46	0	SW	1	o	*	50	45	0.08	
† Yarmouth ...	29.85	45	S	14	r	29.75	- .28	45	44	+ 2	SW	4	bc	3	45	41	0.20	
The Helder ...	29.29	45	S	4	r	29.73	- .48	44	44	+ 7	SW	3	c	3	46	37	0.16	
Cape Griz Nez...	29.74	46	S	8	r	29.91	- .28	49	47	+ 5	WSW	7	o	5	50	43	0.20	
† Jersey ...	?	49	SSW	4	r	30.02	- .04	49	48	+ 3	WSW	5	bcw	4	50	46	0.33	
Brest ...	30.00	50	W	4	o	30.06	+ .08	50	49	- 1	W	5	bc	5	52	50	0.20	
Lorient ...	29.98	44	SW	8	bc	30.14	+ .09	50	50	+ 3	W	5	c	4	57	45	0.12	
† Rochefort ...	30.24	51	S	5	r	30.37	+ .03	50	50	+ 7	W	4	bc	2	54	39	0.03	
Biarritz ...	30.19	65	S	5	c	30.32	+ .15	51	55	- 2	SW	3	o	1	70	35	-	
Corunna ...	?	?	?	?	?	30.37	+ .25	58	56	- 3	WSW	1	o	2	68	52	0.20	
Brussels ...	?	?	?	?	?	29.93	- .22	48	46	+ 2	WSW	5	o	*	50	46	0.24	
Charleville ...	29.15	45	S	3	o	29.98	- .30	48	45	+ 3	W	4	o	*	?	34	0.47	
Paris ...	30.14	50	SE	3	f	30.14	- .14	50	48	+ 2	S	4	b	*	?	?	0.16	
Lyons ...	30.30	44	SE	3	o	30.26	- .08	42	42	- 1	SSE	3	o	*	47	41	0.08	
Toulon ...	30.41	45	Z	0	m	30.41	+ .02	48	46	+ 1	S	1	o	2	52	45	-	

HIGH LEVEL STATION.

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

Hawes Junction	28.41	45	SW	4	r		28.41	- .22	42	42	- 6	SW	4	r	*	48	42	0.71
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EXPLANATION OF COLUMNS.

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

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

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

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

WEATHER CHARTS

for 8 a.m. on

Sunday

6th January

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isotherms 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 —

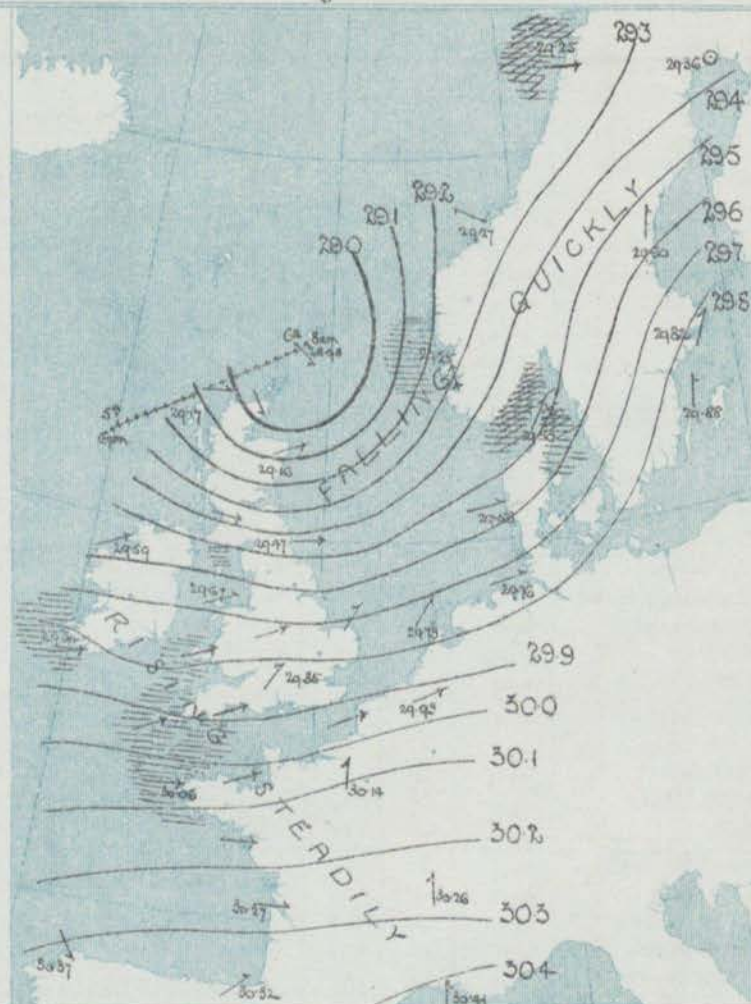
→ = forces above 10; →→ = forces 8 to 10;
 →→ = forces 5 to 7; → = forces 1 to 4;
 ○ = dead calm.

Sea Disturbance — where considerable is shown thus
 [Symbol] = Rough, [Symbol] = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of January.
 During the 10 Years 1871-1880.

STATIONS.	MEAN READINGS
Sunbury Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.813
Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.826
Holyhead	29.825
Liverpool	29.806
Valencia	29.853
Rock's Point	29.853
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.940
Cambridge	29.975
Yarmouth	29.964



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 AT 8 A.M., AND RAINFALL.

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sunbury Head	38.2	36.3	3.72
Stornoway	36.9	37.6	5.28
Wick	37.8	36.5	1.80
Nairn	36.9	35.5	1.89
Aberdeen	37.3	35.7	2.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	1.88
York	38.9	35.9	1.88
Ardrossan	40.1	38.4	4.86
Donaghadee	39.7	38.0	3.05
Holyhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.45
Valencia	44.1	43.3	7.22
Rock's Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.13
Scilly	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.38
Dover	39.6	38.4	3.03
LONDON	38.1	37.1	2.41
Oxford	37.6	36.6	2.52
Cambridge	36.5	35.7	1.84
Yarmouth	37.8	37.1	2.24

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 6th January.

1884. at 8 a.m.

The large depression which was advancing towards our western coast yesterday morning has since travelled in a NEth direction and now has its centre in the neighbourhood of the Shetlands, so that while the barometer is falling quickly over the North Sea and Scandinavia it has begun to rise again on our west and south-west coasts. Sth or SEth breezes are reported over Norway and Sweden, but in our Islands and France the wind is chiefly Wth. In force it is fresh or strong in most parts of Western Europe. The weather is cloudy over Scandinavia, with snow at Christiansund and rain at Skudesnäs, but elsewhere a considerable improvement has taken place. In the course of the past 24 hours rain has fallen generally. Temperature ranges from 51° at Lillie to 44° in the Shetlands. The sea is high at Lillie and Skagen, and rough on our west and south-west coasts.

The depression in the N. will probably continue to move in a NEth direction, and there is at present no indication of any fresh disturbance.

FORECASTS

for the 24 hours ending at NOON on 7th January 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

WARNINGS

The N cone has been lowered
this morning in districts 12 to 1.

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

TUESDAYS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.12	36	32	SSE	8	0	5	Valencia	29.65	52	50	WSW	5	c	6
Sumburgh Head	29.64	42	42	SE	6	r	6	Scilly	29.83	50	52	WSW	4	o	5
Stornoway	29.34	48	47	S	6	c	5	Dover	30.01	46	45	SW	3	c	2
Aberdeen	29.97	46	46	S	8	r	6	London	29.44	50	48	SSE	4	and	*
Shields	29.67	48	47	S	4	r	3	Yarmouth	29.46	48	48	SSE	5	f	3
Ardrossan	29.51	48	48	SSE	2	o	3	Jersey	29.44	47	48	S	4	o	4
Mullaghmore	29.28	49	47	WSW	7	c	6	Rochefort	30.20	49	48	SSE	5	o	2
Holyhead															

REMARKS.

The barometer is rising a little in the SW. but continues to fall elsewhere - quickly in the N. and E. - falling winds and improving weather are reported from all the W. stations, but elsewhere S. breezes continue with dull skies and rain at times. At Aberdeen there is a fresh gale. Sea is smooth at Dover.

DAILY WEATHER REPORT

for Monday 7th January 1884.

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

Issued by the Meteorological Office, No. 1, New Street, London, E.C. 4.																		
† YESTERDAY EVENING.										8 A.M. TO DAY.							PAST 24 HOURS.	
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.				
			Dirac.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12)		Max.	Min.	Amount of Rainfall.		
Haparanda	29.06	22	2	0	C	29.07	-.29	1	0	- 20	N	4	C	*	23	11	-	
Hernösand ...	29.13	20	2	0	O	29.14	-.16	21	19	+ 3	NNW	2	C	*	25	12	-	
Stockholm ...	29.21	33	WSW	2	O	29.08	-.76	33	33	+ 9	N	4	O	*	34	19	0.08	
Wisby ...	29.34	36	SW	4	O	29.12	-.76	39	?	+ 10	WSW	4	O	*	?	23	1.42	
Bodö ...	29.11	31	SE	4	C	29.16	-.09	29	26	- 2	NNW	4	C	2	29	-	-	
Christiansund ...	29.12	35	ESE	4	C	29.29	+.02	31	30	- 2	2	0	C	3	36	28	0.04	
† Skudesnaes ...	29.04	45	WSW	6	O	29.23	-.02	42	39	+ 1	WNW	6	O	5	45	41	0.28	
† Oxö (Xelansund) ...	29.10	43	SW	6	A	29.16	-.25	36	34	+ 3	N	4	O	3	43	?	0.20	
Skagen (The Skaw)	29.19	40	SW	4	m	29.14	-.36	36	36	0	NNE	3	A	2	43	36	0.35	
Fanö ...	29.37	43	WSW	6	O	29.30	-.28	41	41	0	N	4	A	*	39	-	0.08	
Cuxhaven ...	29.59	41	WSW	6	A	29.51	-.25	42	42	0	N	6	O	*	?	34	0.32	
† Sumburgh Head	29.10	44	NNW	3	bc	29.47	+.49	41	40	- 3	NNW	1	O	5	46	39	0.10	
† Stornoway ...	29.44	44	NNW	5	C	29.61	+.44	39	38	- 7	WSW	2	C	2	46	33	0.13	
Wick ...	29.25	45	WNW	7	O	29.62	+.57	41	40	- 4	NNW	2	C	1	47	39	0.07	
Nairn ...	29.39	44	NNW	4	O	29.64	+.63	42	40	- 4	N	3	C	2	49	42	0.01	
† Aberdeen ...	29.32	46	WSW	5	bc	29.63	+.47	42	41	- 4	N	1	O	2	48	40	0.01	
Leith ...	29.44	45	SW	5	bc	29.71	+.39	43	40	- 4	W	1	bcu	*	49	41	-	
† Shields ...	29.47	47	W	6	C	29.73	+.26	43	41	- 5	N	4	bc	2	50	41	-	
Spurn Head ...	29.62	45	W	5	bc	29.77	+.14	42	40	- 4	N	6	C	2	49	40	-	
York ...	29.62	47	W	4	bc	29.83	+.22	42	39	- 6	N	2	C	*	50	41	-	
Loughborough...	29.73	47	WNW	4	A	29.91	+.19	44	40	- 3	WNW	2	og	*	52	43	0.02	
† Ardrossan ...	29.54	47	WNW	4	A	29.74	+.32	45	44	- 2	W	3	O	2	49	44	0.19	
† Mullaghmore ...	29.30	47	WNW	6	A	29.84	+.25	43	41	- 4	WNW	7	pgg	6	49	39	0.11	
Donaghadee ...	29.70	47	NNW	5	bc	29.79	+.15	43	41	- 2	NW	4	C	2	49	40	0.01	
Parsonstown ...	29.90	47	N	2	bc	29.96	+.27	42	40	- 4	W	2	og	*	48	41	0.03	
Barrow-in-Furness	29.65	46	WSW	4	C	29.83	+.23	44	42	- 2	N	3	C	4	46	43	0.02	
† Holyhead ...	29.75	48	WNW	5	O	29.87	+.24	46	42	- 2	WSW	3	O	3	49	43	-	
Liverpool (Elidston)	29.72	46	WSW	5	O	29.87	+.22	43	39	- 5	WSW	3	C	3	49	43	0.01	
† Valencia ...	30.03	43	WNW	5	O	30.09	+.25	45	42	- 3	WNW	6	cgp	6	46	40	0.15	
Roche's Point ..	29.90	47	WNW	4	bc	30.03	+.26	44	40	- 7	NNW	4	C	4	51	40	0.10	
Pembroke ...	29.90	48	W	6	C	29.93	+.16	47	45	- 2	W	6	cgp	5	49	45	-	
† Scilly ...	30.03	50	W	6	O	30.06	+.13	44	44	- 7	WNW	6	A	6	51	43	0.13	
Prawle Point ...	29.99	46	W	6	bc	30.06	+.16	46	43	- 4	W	4	O	5	51	44	0.01	
Hurst Castle ...	29.91	49	WSW	6	C	30.02	+.13	45	43	- 3	N	4	C	2	50	43	0.02	
† Dover ...	29.84	47	W	5	C	29.96	+.06	44	43	- 3	WNW	4	bc	2	49	42	0.06	
† London ...	29.84	48	W	3	C	29.97	+.12	43	41	- 7	W	2	C	*	51	43	-	
Oxford ...	29.87	45	WSW	5	C	29.98	+.17	44	42	- 5	N	2	O	*	51	44	0.04	
Cambridge ...	29.81	48	SW	1	C	29.94	+.15	43	39	- 4	N	1	bc	*	54	41	-	
† Yarmouth ...	29.71	47	WSW	3	bc	29.86	+.11	42	41	- 3	N	3	bc	3	50	40	0.01	
The Helder ...																		
Cape Griz Nez...	29.88	48	WSW	7	C	29.99	+.08	46	43	- 3	WNW	7	C	5	50	45	-	
† Jersey ...	30.04	49	W	6	bc	30.11	+.09	45	45	- 4	WNW	3	cnp	8	51	45	0.10	
Brest ...	30.18	50	NW	4	C	30.21	+.15	49	44	- 1	NNW	5	O	4	54	46	-	
Lorient ...	30.15	50	SW	5	O	30.22	+.08	48	44	- 4	NW	5	O	3	53	43	-	
† Rochefort ...																		
Biarritz ...	30.16	59	E	1	C	30.27	-.05	54	52	- 4	SW	3	O	1	56	54	-	
Corunna ...																		
Brussels ...						29.92	-.01	46	44	- 2	WSW	5	O	*	50	45	0.08	
Charleville ...	30.00	47	W	5	O	29.97	-.01	43	40	- 3	SW	5	O	*	49	41	0.04	
Paris ...	30.11	50	SW	3	bc	30.16	+.02	46	44	- 4	SW	3	N	*			-	
Lyons ...	30.25	46	S	1	O	30.20	-.06	46	45	+ 3	N	1	O	*	49	43	0.20	
Toulon ...	30.36	46	W	5	m	30.29	-.12	49	48	+ 1	W	3	m	3	55	?	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.57	42	SW	4	A	28.58	+.24	38	37	- 4	N	3	O	*	43	38	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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

Fredk Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Monday 7th January. 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isotherms 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 11 to 12;

→→ = forces 13 to 14; →→ = forces 15 to 16;

○ = dead calm.

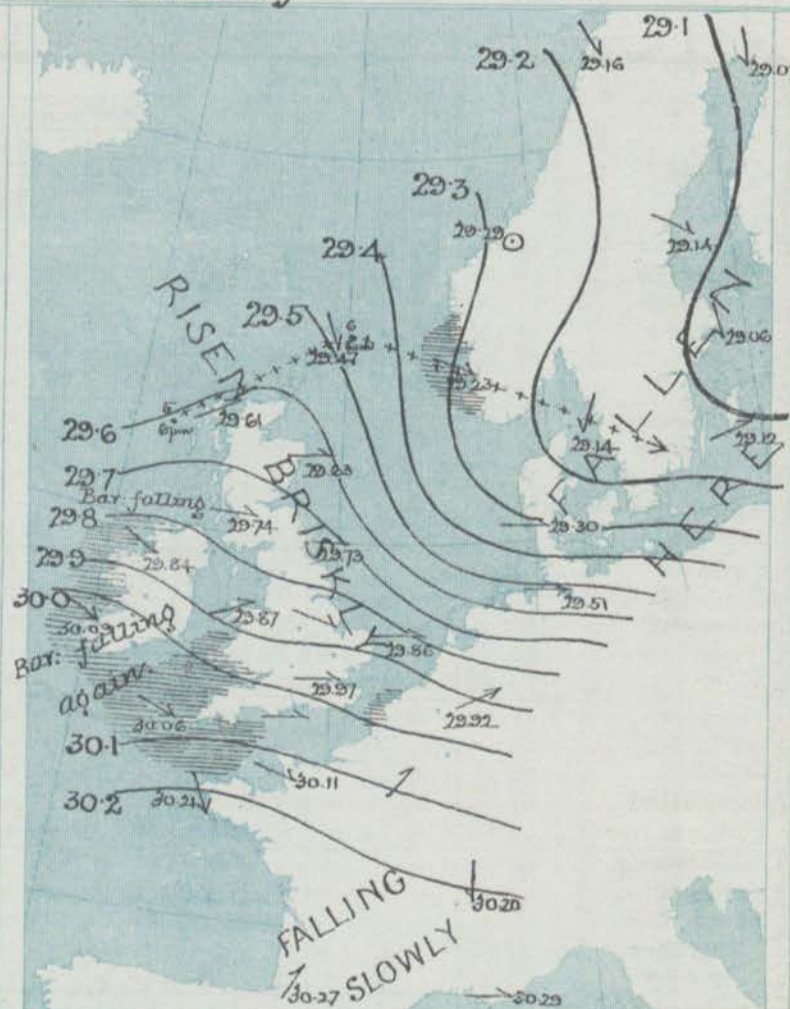
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of January
During the 10 Years 1871-1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.681
Stornoway.	29.657
Wick.	29.697
Nairn.	29.739
Aberdeen.	29.763
Leith.	29.819
Shedde.	29.867
York.	29.916
Ardrossan.	29.817
Dunaghadice.	29.828
Holyhead.	29.835
Liverpool.	29.868
Valencia.	29.852
Rock's Point.	29.883
Pembroke.	29.913
Scilly.	29.953
Hurst Castle.	29.975
Dover.	30.002
LONDON.	29.987
Oxford.	29.974
Cambridge.	29.975
Yarmouth.	29.964



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.

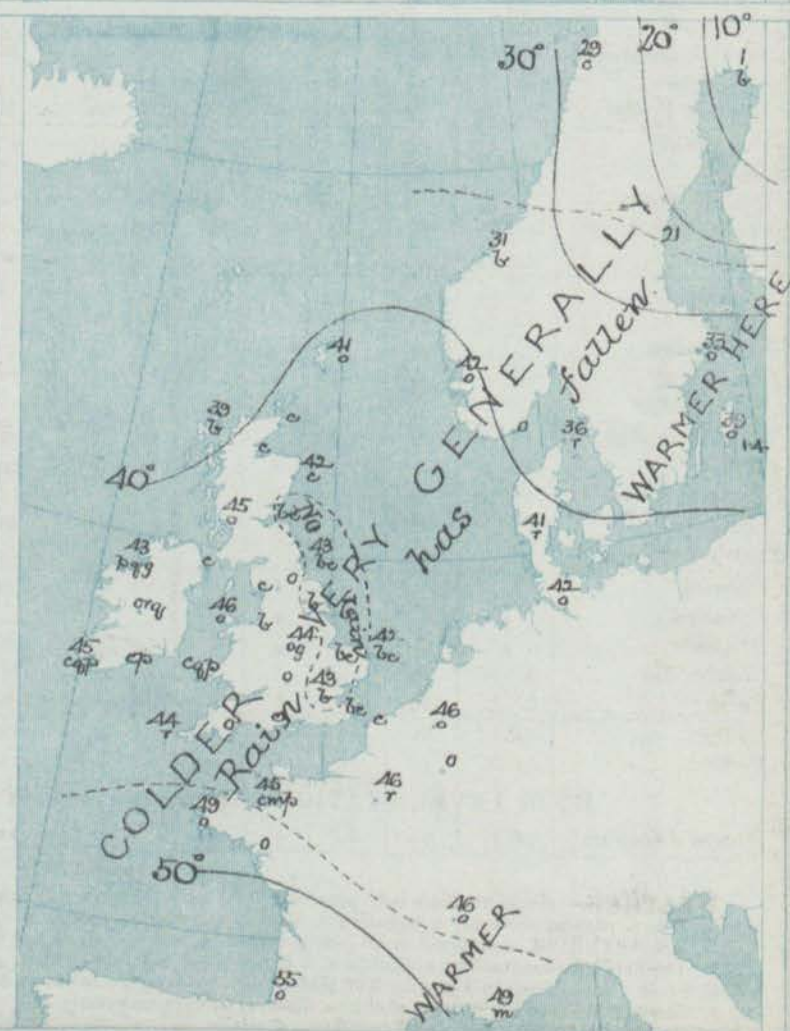
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	39.2	36.3	3.72
Stornoway.	38.9	37.6	5.28
Wick.	37.9	36.5	1.80
Nairn.	36.9	35.3	1.09
Aberdeen.	37.3	36.7	2.42
Leith.	38.2	37.2	2.02
Shedde.	37.8	36.6	1.88
York.	36.9	35.9	1.88
Ardrossan.	40.1	39.4	4.86
Dunaghadice.	39.7	38.8	3.03
Holyhead.	41.7	40.3	5.73
Liverpool.	38.9	37.3	2.45
Valencia.	44.1	43.3	7.22
Rock's Point.	43.1	42.0	6.60
Pembroke.	42.8	41.8	4.13
Scilly.	46.5	45.0	4.24
Hurst Castle.	40.7	40.0	3.38
Dover.	39.6	38.4	3.03
LONDON.	38.1	37.1	2.41
Oxford.	37.6	36.6	2.53
Cambridge.	36.5	35.7	1.64
Yarmouth.	37.8	37.1	2.24

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 7th January

1884. at 8 a.m.

The depression which lay near the Shetlands yesterday has passed on to Scandinavia, and the barometer has risen at all but the Swedish and Danish stations. In the extreme west of our Islands, however, a new fall has set in during the night, so that conditions are still very unsettled. NW^{ly} or N^{ly} breezes are reported in Scandinavia, but over the United Kingdom and France the wind is generally W^{ly}, and in the west of Ireland it blows strongly. The weather is rainy in Denmark, and showery on our western and south-western coasts, but at all our more northern and eastern stations it is fair. In the course of yesterday showers fell in most parts of the Kingdom. Lunar halos were seen last evening at several of our stations. Temperature has fallen a few degrees generally, and readings now range from 47° at Kilmorke to 39° at Stornoway.

The sea is rough on our extreme west and south-west coasts, slight or smooth elsewhere.

The new fall of the barometer which has set in on our western coasts probably indicates the approach of a fresh depression, but the changes are not yet sufficiently advanced for us to be able to judge of its size or intensity.

FORECASTS

For the 24 hours ending at NOON on 8th January. 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

1 { SCOTLAND
NORTH Wind backing to SW. and freshening; fair to dull and rainy.

2 { SCOTLAND
EAST ----- D^o ----- D^o ----- D^o -----

3 { ENGLAND
N.E. W^{ly} winds, moderate or fresh; fine to cloudy and unsettled.

4 { ENGLAND
EAST Same as N^o 5

5 { MIDLAND
COUNTIES Same as N^o 5

6 { ENGLAND
SOUTH W^{ly} winds, moderate or fresh; changeable, some showers.

6 { SCOTLAND
WEST W^{ly} winds, freshening; cloudy, some rain.

7 { ENGLAND
N.W. ----- D^o ----- D^o ----- D^o -----

8 { ENGLAND
S.W. W^{ly} winds, strong; dull, rain at times.

9 { IRELAND
NORTH W^{ly} or SW^{ly} winds, strong; squally, rain at times.

10 { IRELAND
SOUTH ----- D^o ----- D^o ----- D^o -----

WARNINGS

NONE ISSUED.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.09	45	44	SSE	8	λ	6	Valencia					
Sumburgh Head								Scilly					
Stornoway								Dover					
Aberdeen								London					*
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rocheport	30.29	54	?	W/NW	5
Holyhead												c	2.

REMARKS.

DAILY WEATHER REPORT

for *Tues-day 8th January 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	SHADE TEMP.				
			Dir.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).	Weather.		Max.	Min.	Amount of Rainfall.		
Haparanda	29.51	6	N	6	B	29.90	+ .53	2	2	+ 1	N	4	B	*	14	0	-		
Hernösand ...	29.51	13	N	4	B	29.91	+ .77	9	8	- 12	NW	2	B	*	25	9	-		
Stockholm ...	29.47	18	NW	2	B	29.83	+ .77	14	13	- 19	NW	4	B	*	36	?	-		
Wisby ...	29.36	32	NW	4	0	29.77	+ .65	27	26	- 12	N	8	B	*	39	?	0.04		
Bodö ...	29.35	?	E	2	B	29.84	+ .73	19	16	- 10	E	4	B	2	?	?	-		
Christiansund ...	29.36	33	SW	2	0	29.66	+ .87	33	32	+ 2	SE	2	B	2	34	28	0.08		
† Skudesnaes ...	29.64	37	2	0	C	29.81	+ .58	40	39	- 2	SE	4	0	4	?	37	-		
Oxö (Xilansund) ...	29.60	35	ENE	2	0	29.84	+ .68	31	29	- 5	NW	4	C	2	37	30	-		
Skagen (The Skaw)	29.63	36	NE	4	0	29.86	+ .72	36	34	0	NSW	3	C	1	37	32	-		
Fanö ...	29.71	38	W	2	B	29.93	+ .63	39	38	- 2	NSW	2	C	*	41	36	-		
Cuxhaven ...	?	41	NW	6	0	29.98	+ .47	39	39	- 3	NSW	1	C	*	42	34	-		
† Sumburgh Head	29.63	40	NW	1	B	29.66	+ .19	40	38	- 1	S	3	C	3	42	36	0.06		
† Stornoway ...	29.62	37	N	3	B	29.55	- .06	47	47	+ 8	S	6	q.d.	5	47	33	0.16		
Wick ...	29.73	41	NW	5	0	29.64	+ .02	42	40	+ 1	SW	4	o.d.	4	43	33	0.03		
Nairn ...	29.62	39	W	2	C	29.68	+ .04	39	38	- 3	2	0	N	1	42	35	0.04		
† Aberdeen ...	29.79	39	2	0	C	29.79	+ .16	39	38	- 3	SSW	4	0	1	45	35	0.02		
Leith ...	?	43	N	1	C	29.80	+ .09	44	41	+ 1	NSW	2	cm	*	45	37	-		
† Shields ...	29.81	45	NSW	2	0	29.95	+ .22	41	39	- 2	SW	3	NW	2	45	37	0.02		
Spurn Head ...	29.84	42	NSW	3	C	30.05	+ .28	39	38	- 3	NSW	4	C	3	44	36	-		
York ...	29.84	43	W	2	B	30.04	+ .21	40	39	- 2	SW	1	N	*	46	37	0.04		
Loughborough...	29.90	42	NW	3	0	30.11	+ .20	40	38	- 4	SW	3	o.g.	*	46	39	0.04		
† Ardrossan ...	29.88	44	NW	3	0	29.80	+ .06	45	45	0	NSW	5	N	4	46	41	0.05		
† Mullaghmore ...	30.08	43	NW	5	o.g.	29.88	+ .04	49	49	+ 6	NSW	6	o.g.	5	49	40	0.06		
Donaghadee ...	30.01	39	N	4	B	29.88	+ .09	46	46	+ 3	NW	3	0	1	46	38	0.05		
Parsonstown ...	30.16	40	W	1	0	30.02	+ .06	49	48	+ 7	N	2	o.g.	*	52	38	0.26		
Barrow-in-Furness	29.88	43	NW	5	B	29.97	+ .14	43	42	- 1	S	5	N	5	45	41	0.04		
† Holyhead ...	30.01	44	NW	6	B	29.99	+ .12	47	47	+ 1	NSW	3	N	3	48	41	0.12		
Liverpool (Bidston)	29.95	41	NW	5	C	30.02	+ .15	44	43	+ 1	SSW	3	0	3	45	41	0.08		
† Valencia ...	30.27	46	NW	4	0	30.14	+ .05	53	51	+ 8	W	7	o.g.	6	54	43	0.01		
Roche's Point ..	30.21	46	NW	3	B	30.12	+ .09	50	47	+ 9	N	3	B	4	50	40	0.06		
Pembroke ...	30.12	44	NW	4	B	30.11	+ .18	49	49	+ 2	NSW	3	NW	4	49	43	0.20		
† Scilly ...	30.18	47	NW	8	Cy	30.26	+ .20	51	50	+ 7	NSW	6	0	6	51	43	0.08		
Prawle Point ...	30.11	40	NW	4	B	30.25	+ .19	46	46	0	NSW	4	N	4	45	37	0.16		
Hurst Castle ...	30.00	42	NW	4	B	30.23	+ .21	43	41	- 2	NSW	3	0	2	48	38	0.05		
† Dover ...	29.93	43	NSW	1	B	30.18	+ .22	38	37	- 6	NW	3	B	2	47	37	-		
† London...	29.94	44	NW	3	o.d.	30.20	+ .23	38	36	- 5	SW	1	o.f.	*	48	35	0.03		
Oxford ...	30.02	42	NW	4	0	30.18	+ .20	40	38	- 4	NSW	2	0	*	46	37	0.04		
Cambridge ...	30.00	42	SW	1	N	30.16	+ .22	37	35	- 6	SW	1	B	*	48	36	0.02		
† Yarmouth ...	29.89	41	NSW	1	C	29.09	+ .23	38	37	- 4	W	1	o.g.	2	44	37	-		
The Helder ...	29.89	43	W	3	C	30.04		41	40		N	1	0	1	45	41	-		
Cape Griz Nez...	30.00	45	N	5	B	30.19	+ .20	40	38	- 6	NW	5	B	4	48	39	-		
† Jersey ...	30.06	45	NW	5	o.f.	30.32	+ .21	44	43	- 1	N	2	o.g.	3	47	42	0.25		
Brest ...	30.21	47	N	7	0	30.36	+ .15	49	47	0	NW	3	0	4	?	37	0.08		
Lorient ...	30.19	45	NW	7	B	30.44	+ .22	47	44	- 1	NW	4	0	3	52	39	-		
† Rochefort ...	30.25	46	NW	9	N	30.45		45	43		N	8	0	4	54	39	0.20		
Biarritz ...	30.28	50	N	5	C	30.43	+ .16	50	46	- 4	NW	7	0	N	61	45	0.43		
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*	30.15	+ .23	41	40	- 5	SW	3	0	*	47	39	-		
Charleville ...	30.05	43	SW	4	0	30.16	+ .19	40	38	- 3	SW	4	0	*	45	39	0.20		
Paris ...	30.13	47	SW	4	0	30.34	+ .18	43	42	- 3	NW	4	B	*	*	*	0.04		
Lyons ...	30.17	43	E	1	B	30.14	- .06	39	37	- 7	NW	5	0	*	35	37	-		
Toulon ...	30.18	52	W	4	0	30.00	- .29	43	39	- 6	NW	5	0	4	37	39	-		

HIGH LEVEL STATION.

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

Hawes Junction	28.59	32	W	3	0	0	28.73	+ .15	32	38	0	NSW	3	0	*	39	33	0.13
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EXPLANATION OF COLUMNS.

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

WEATHER CHARTS

for 8 a.m. on Tuesday 8th January

1884.

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 —

→ = Force above 10; →→ = Force 8 to 10;

→→ = Force 5 to 7; →→ = Force 1 to 4;

○ = dead calm.

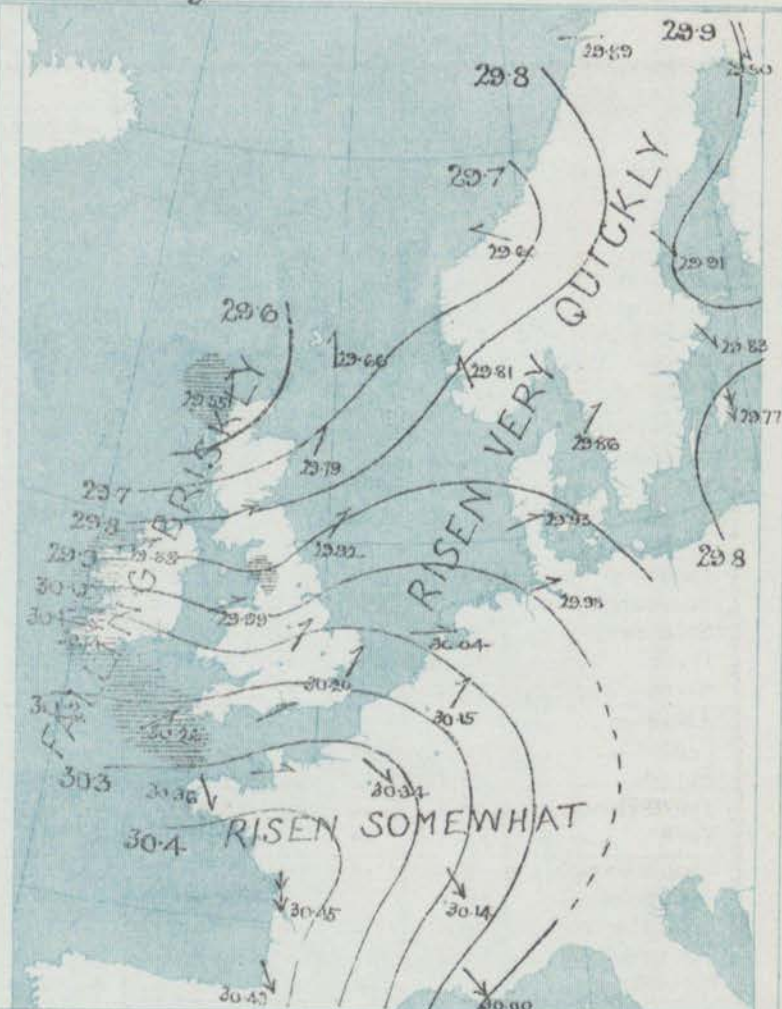
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.818
Shields	29.867
York	29.916
Ardrossan	29.877
Donaghadee	29.838
Ballyhead	29.875
Liverpool	29.808
Valencia	29.852
Roche's Point	29.888
Pembroke	29.913
Silly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.979
Cambridge	29.976
Yarmouth	29.964



REMARKS.

for Tuesday 8th January

1884. at 8 a.m.

The large depression noticed over Scandinavia yesterday has passed away to the eastward, but in the course of the night a new and rather brisk fall of the barometer has set in on our western and northern coasts, so that a fresh disturbance is apparently advancing towards the east of Scotland. At our eastern, southern and the Continental stations the barometer is rising steadily, and an area of high pressure lies over the Bay of Biscay. The wind has backed to the S^W in the north of Scotland, and to the S^W in most other parts of our islands, but in France it is N^W, and in Sweden N^E. Strong breezes are reported in the west of Ireland. The weather is fine in Sweden and also in the south-east of England, but overcast elsewhere, with rain at many of our western and northern stations. Rain fell yesterday in most places, and hail showers were experienced on our western coasts. Temperature has risen several degrees in the west, but fallen a little in the East; readings now range from 58° at Scilly to 37° at Cambridge. The sea is rough in the extreme west and north-west, moderate to smooth elsewhere.

The depression which is approaching our islands, will probably pass across our extreme northern coasts, and occasion a considerable increase of wind in the east and south-west.

FORECASTS

for the 24 hours ending at NOON on 9th January 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

SW^{ly} to W^{ly} winds, increasing in force, unsettled, rain at times.

6 { SCOTLAND
WEST

SW^{ly} to W^{ly} strong winds or gales dull, rainy.

1 { SCOTLAND
EAST

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

7 { ENGLAND
N.W.

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

2 { ENGLAND
N.E.

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

8 { ENGLAND
S.W.

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

3 { ENGLAND
EAST

Same as N^o 5.

9 { IRELAND
NORTH

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

4 { MIDLAND
COUNTIES

Same as N^o 5.

10 { IRELAND
SOUTH

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

5 { ENGLAND
SOUTH

SW^{ly} winds, freshening; cloudy, unsettled, some rain.

WARNINGS

The south cone has been hoisted this morning in districts 6 to 10

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

TUESDAYS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.45	41	37	NW	7	0	4	Valencia	30.21	46	43	NW	5	0	6
Sumburgh Head	29.57	41	41	NW	1	0	3	Scilly	30.10	47	43	NW	8	0	6
Stornoway	29.73	42	41	NW	6	1	4	Dover	29.98	45	43	NW	3	0	2
Aberdeen	29.69	44	41	W	1	0	2	London	29.93	45	45	NW	4	0	*
Shields	29.76	45	42	W	1	0	2	Yarmouth	29.86	46	41	W	3	0	3
Ardrossan	29.78	46	42	NW	3	0	2	Jersey	29.99	45	44	NW	5	1	4
Mullaghmore	30.01	46	40	NW	7	0	6	Rochefort	30.30	45	42	W	4	0	2
Holyhead	29.92	44	41	NW	5	0	5								

REMARKS.

Since 8 am. the barometer has risen in the W. and N., while it has fallen a little in the SE. Fresh or strong NW breezes, and dull, squally weather are reported on our W. coasts, but in the E. the wind is light or moderate from the W. and the weather fair. The sea is rather rough at Holyhead, smooth at Dover.

Summary of Changes in the Weather over the British Islands and their Neighbourhood from 1st to 5th January 1884

On Jan. 1st pressure was high (30.5 +) over the Baltic, Denmark and the North Sea, but low (relatively) both over N. Europe and also over the Spanish Peninsula. Moderate to fresh E. winds prevailed over England & Ireland, calm in Scotland. Temperature was rather low (28° to 34°) over the inland parts of Great Britain, & the weather dull, hazy, & slightly showery in the West. The high pressure area now receded gradually in a SE. direction, the wind consequently veered slowly, temperature began to rise, & the air became softer & damper. By 8 am on the 3rd SW. breeze prevailed over all the S. counties, but variable E. winds in the N. The former spread slowly & at 8 am on Saturday (5th) strong but very mild SW. winds were felt in the W., moderate S. winds over England, & strong SE. in Scotland; the weather having in the meantime become showery generally. In the evening a large depression travelling in a NE. direction appeared off our NW. coasts.

DAILY WEATHER REPORT

for *Wednesday 9th January 1884.*

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

† YESTERDAY EVENING.										8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.							
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.					
Haparanda	30.20	-9	N	2	6	29.97	+0.07	-12	-16	-0.14	20	0	6	*	2.1	?	-					
Hernösand ...	30.21	0	20	0	6	30.13	+0.22	20	18	+0.11	S	4	0	*	?	-4	-					
Stockholm ...	30.26	7	NW	2	6	30.22	+0.89	24	23	+0.10	SE	4	0	*	?	7	-					
Wisby ...	30.13	27	NW	6	0	30.21	+0.44	25	26	-0.01	SE	4	0	*	30	25	-					
Bodö ...	29.60	22	E	2	6	29.54	-0.35	26	23	+0.07	ENE	6	0	2	?	16	-					
Christiansund ...	29.89	36	SE	4	0	29.72	-0.24	40	35	+0.05	SE	5	0	3	4.1	30	0.12					
Skudesnaes ...	29.87	41	S	8	0	29.73	-0.08	44	44	+0.04	S	8	0	6	?	?	0.32					
Oxö (Klansand) ...	29.98	34	NNW	1	0	29.86	+0.02	40	40	+0.00	SW	2	0	3	?	?	0.32					
Skagen (The Skaw)	30.03	38	S	2	0	29.98	+0.12	38	38	+0.00	SSW	4	0	4	30	24	0.08					
Fanö ...	30.11	38	WSW	1	0	30.07	+0.12	40	40	+0.00	SW	4	0	*	4.1	39	0.04					
Cuxhaven ...	30.20	41	SW	1	0	30.12	+0.14	40	40	+0.00	SW	4	0	*	4.2	36	0.06					
† Sumburgh Head	29.61	46	N	4	0	29.44	-0.22	48	47	+0.01	WSW	4	0	4	4.8	2.40	0.12					
† Stornoway ...	29.65	45	SSW	4	0	29.57	+0.02	44	44	-0.03	N	4	0	4	30	43	0.28					
Wick ...	29.70	43	NW	2	0	29.50	-0.14	46	44	+0.02	NW	3	0	2	30	40	0.09					
Nairn ...	29.74	46	20	0	0	29.60	-0.08	49	47	+0.10	WNW	4	0	2	32	39	0.02					
† Aberdeen ...	29.62	41	SW	1	0	29.67	-0.12	50	49	+0.11	SSW	6	0	2	30	38	0.16					
Leith ...	29.87	44	N	2	0	29.75	-0.05	52	49	+0.03	N	6	0	*	32	44	-					
† Shields ...	29.93	49	N	3	0	29.96	+0.01	50	48	+0.02	SW	2	0	2	30	41	0.11					
Spurn Head ...	29.99	45	WSW	4	0	30.04	+0.01	46	45	+0.01	WSW	5	0	2	47	38	0.04					
York ...	30.00	49	WSW	1	0	30.08	+0.04	50	47	+0.10	WSW	5	0	*	50	39	0.21					
Loughborough...	30.07	49	WSW	2	0	30.16	+0.05	49	45	+0.04	WSW	4	0	*	50	40	0.04					
† Ardrossan ...	29.95	49	N	3	0	29.80	-0.00	48	48	+0.00	SW	5	0	4	50	45	0.15					
† Mullaghmore ...	29.90	50	SW	6	0	29.84	-0.04	52	50	+0.02	SW	7	0	6	52	49	0.02					
Donaghadee ...	29.98	50	N	3	0	29.93	+0.05	50	50	+0.00	N	3	0	1	51	45	0.04					
Parsonstown ...	30.09	50	SW	1	0	30.03	+0.01	52	49	+0.03	SW	6	0	6	52	48	0.01					
Barrow-in-Furness	30.02	47	WSW	4	0	30.02	+0.05	47	46	+0.01	S	5	0	4	48	41	0.10					
† Holyhead ...	30.07	50	WSW	2	0	30.10	+0.11	50	48	+0.02	SW	4	0	4	51	45	0.05					
Liverpool (Biddam)	30.05	49	WSW	5	0	30.09	+0.07	50	47	+0.03	SW	3	0	3	50	44	0.10					
Valencia ...	30.14	52	WSW	6	0	30.11	-0.03	53	52	-0.01	SW	7	0	6	54	52	-					
Roche's Point ..	30.16	45	N	5	0	30.16	+0.04	52	50	+0.02	N	6	0	4	53	48	-					
Pembroke ...	30.16	50	N	3	0	30.22	+0.11	51	49	+0.02	WSW	5	0	4	51	48	-					
† Scilly ...	30.18	51	N	6	0	30.34	+0.08	50	49	-0.01	WSW	4	0	5	53	49	-					
Prawle Point ...	30.27	50	WSW	4	0	30.36	+0.11	49	49	+0.00	N	4	0	4	50	45	0.16					
Hurst Castle ...	30.21	47	N	3	0	30.35	+0.12	46	46	+0.00	WSW	4	0	2	48	2.15	0.16					
† Dover ...	30.16	46	WSW	4	0	30.30	+0.12	45	44	+0.01	N	4	0	3	48	38	0.15					
† London...	30.16	48	N	2	0	30.28	+0.08	44	43	+0.01	WSW	3	0	*	48	38	0.13					
Oxford ...	30.14	47	SW	3	0	30.27	+0.09	47	46	+0.01	SW	4	0	*	49	40	0.05					
Cambridge ...	30.16	46	N	1	0	30.22	+0.06	42	42	+0.00	SW	1	0	*	47	35	0.08					
† Yarmouth ...	30.08	43	SW	3	0	30.20	+0.11	43	42	+0.01	SW	3	0	2	45	37	0.02					
The Helder ...	30.14	42	SSW	1	0	30.17	+0.13	44	44	+0.00	SSW	1	0	2	45	41	-					
Cape Griz Nez...	30.17	45	N	7	0	30.53	+0.14	45	45	+0.00	N	5	0	4	46	39	0.35					
† Jersey ...	30.28	50	WSW	4	0	30.42	+0.10	48	48	+0.00	N	4	0	3	50	43	0.38					
Brest ...	30.35	53	NW	4	0	30.42	+0.06	49	48	-0.01	WNW	1	0	3	52	39	-					
Lorient ...	30.40	50	WSW	5	0	30.51	+0.07	48	48	+0.00	WNW	3	0	3	52	43	-					
† Rochefort ...	30.50	46	SW	5	0	30.58	+0.13	45	45	+0.00	S	1	0	2	52	39	0.08					
Biarritz ...	30.51	50	N	1	0	30.53	+0.10	54	50	+0.04	N	3	0	4	55	?	0.04					
Corunna ...	*	*	*	*	*	30.53	+0.18	45	45	+0.00	SSW	4	0	*	46	41	0.04					
Brussels ...	*	*	*	*	*	30.53	+0.18	45	45	+0.00	SSW	4	0	*	*	*	0.08					
Charleville ...	*	*	*	*	*	30.49	+0.15	48	47	+0.01	SW	1	0	*	*	*	0.08					
Paris ...	30.36	44	WSW	4	0	30.49	+0.15	48	47	+0.01	SW	1	0	*	*	*	0.08					
Lyons ...	30.36	39	N	3	0	30.49	+0.35	36	33	-0.03	WNW	3	0	*	44	35	-					
Toulon ...	30.04	48	NW	4	0	30.20	+0.30	47	41	+0.06	SE	3	0	2	54	41	-					
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	28.77	44	N	2	0	28.74	+0.01	45	45	+0.00	WNW	7	0	*	45	32	0.10					

HIGH LEVEL STATION.

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

EXPLANATION OF COLUMNS.

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

Fred. Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on

Wednesday 9th January

1884.

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 —

→ force above 10; → force 8 to 10;

→ force 5 to 7; → force 1 to 4;

○ = dead calm.

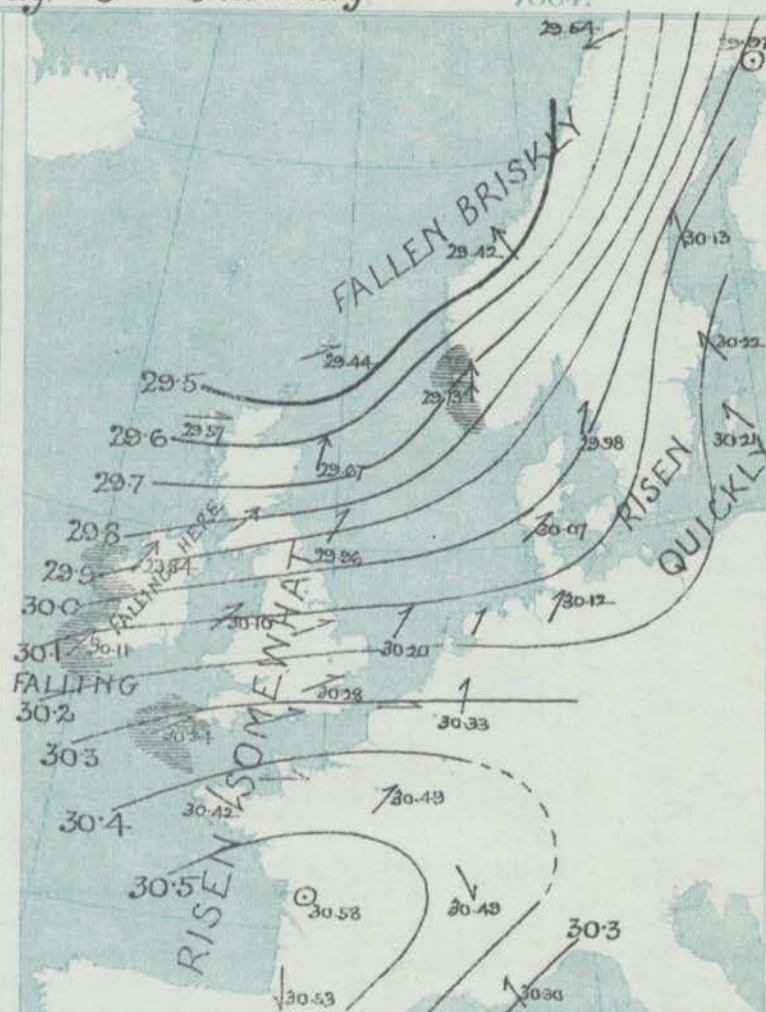
Sea Disturbance — where considerable is shown thus

▨ = Rough ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sunbury Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.722
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.877
Donaghadee	29.838
Holyhead	29.855
Liverpool	29.806
Valencia	29.652
Roch's Point	29.803
Pembroke	29.913
Sally	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.979
Cambridge	29.975
Yarmouth	29.963



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.

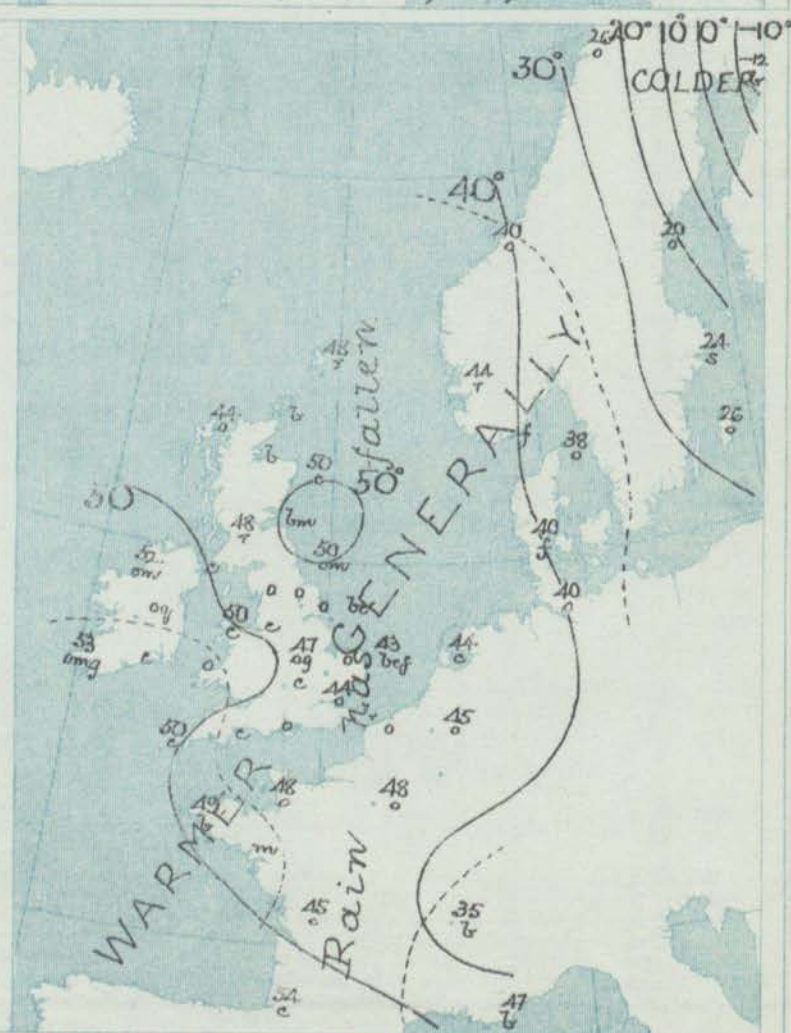
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sunbury Head	39.2	30.2	3.72
Stornoway	38.2	37.6	5.28
Wick	37.9	36.5	7.80
Nairn	36.9	35.3	7.08
Aberdeen	37.3	35.7	2.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	1.88
York	36.9	35.9	1.88
Ardrossan	40.7	38.4	4.86
Donaghadee	39.7	38.8	3.03
Holyhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.46
Valencia	44.1	43.3	7.22
Roch's Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.13
Sally	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.38
Dover	39.6	38.4	3.03
LONDON	38.1	37.1	2.41
Oxford	37.6	36.6	2.53
Cambridge	38.5	35.7	1.64
Yarmouth	37.8	37.1	2.24

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 9th January 1884. at 8 a.m.

Barometrical pressure is highest over the south-west of France, and relatively high over the Baltic, while a large area of low readings lies to the northward of our Islands. The barometer is rising somewhat at the English and French stations, but in the west of Ireland a new fall appears to have set in since last evening, so that conditions are still unsettled. SE^{ly} or S^{ly} winds are reported over Scandinavia, but elsewhere the wind is generally SW^{ly}, and in the west of Ireland it blows with the force of a moderate gale. The weather is fair along the east coasts of Great Britain, but cloudy or overcast elsewhere, with rain at Sumburgh Head and Ardrossan. In the course of the past twenty-four hours rain has fallen at all but our south-western stations. Lunar halos were seen in several places last evening. Temperature has risen generally, and is again very high for the time of year, readings ranging from 63° at Valencia to 42° at Cambridge. The sea is rough off the west of Ireland, as well as at Scilly, moderate or slight elsewhere.

The distribution of pressure is favourable to the advance of further depressions from the Atlantic so that SW^{ly} or W^{ly} winds, and mild, unsettled weather are likely to continue.

FORECASTS

For the 24 hours ending at NOON on 10th January. 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SW ^{ly} and W ^{ly} winds, moderate or fresh; fair to dull and rainy.	6 { SCOTLAND WEST	SW ^{ly} to W ^{ly} winds, increasing considerably; dull, rain at times.
1 { SCOTLAND EAST	-----D°-----D°-----D°-----	7 { ENGLAND N.W.	-----D°-----D°-----D°-----
2 { ENGLAND N.E.	Same as N°5.	8 { ENGLAND S.W.	SW ^{ly} to W ^{ly} strong winds or gales; unsettled, rain at times.
3 { ENGLAND EAST	Same as N°5.	9 { IRELAND NORTH	-----D°-----D°-----D°-----
4 { MIDLAND COUNTIES	Same as N°5.	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	SW ^{ly} winds, freshening; cloudy generally, some rain.	WARNINGS	The south cone is still up in districts 6 to 10.

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

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudesnaes	29.80	41	40	SSE	6	h	4	Valencia	30.15	53	51	WSW	5	omg	5
Sumburgh Head	29.55	46	45	WSW	4	0	4	Scilly	30.25	52	50	WSW	7	om	6
Stornoway	29.60	45	44	SW	3	om	3	Dover	30.17	43	41	WSW	3	e	2
Aberdeen	29.74	42	41	SSW	3	0	1	London	30.13	47	45	SSW	3	0h	*
Shields	29.87	43	43	SW	2	om	2	Yarmouth	30.09	43	41	SW	2	e	2
Ardrossan	29.84	51	49	WSW	4	0	3	Jersey	30.25	49	49	W	5	0	4
Mullaghmore	29.82	50	49	WSW	5	om	5	Rochefort	30.53	45	45	WSW	5	n	2
Holyhead	30.02	50	48	W	2	0	3								

REMARKS.

The barometer is falling a little in most parts of the Kingdom and a large depression is lying off the N. of Scotland, while a secondary disturbance is passing across England. S.W. or W. winds prevail generally, with dull, misty weather in the N. and rain in London. The sea is slight at Holyhead, smooth at Dover.

DAILY WEATHER REPORT

for *Thursday 10th January 1884.*

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

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Weather	S. a. (0 to 9).	SHADE TEMP.				
			Dir.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)			Max.	Min.	Amount of Rainfall.		
Haparanda	29.67	19	S	6	S	29.46	- .51	22	22	+ .34	Z.	0	6	*	?	?	0.35		
Hernösand ...	29.57	32	S	8	S	29.61	- .52	25	23	+ .3	Z.	0	6	*	24	24	0.16		
Stockholm ...	29.77	34	WSW	6	A	29.76	- .46	34	32	+ .10	W	4	6	*	36	?	0.22		
Wisby ...	29.97	34	S	6	A	29.86	- .37	39	38	+ .13	NN	4	C	*	?	23	0.39		
Bodö ...	29.10	32	S	6	O	29.13	- .41	35	33	+ .9	SW	6	C	*	?	23	0.08		
Christiansund ...	29.47	40	WSW	9	C	29.48	+ .06	38	35	- .2	WSW	8	A	6	26	34	0.89		
Skudesnaes ...	?	44	Z.	0	O	29.56	+ .13	45	43	+ .1	SSW	4	O	5	46	?	0.16		
Oxö (Xidansund) ...	29.77	42	WSW	6	f	29.93	+ .07	39	37	- .1	SSW	2	6C	3	43	37	0.08		
Skagen (The Skaw) ...	29.82	44	SW	5	O	29.93	- .05	40	40	+ .2	W	4	C	4	45	37	0.08		
Faßö ...	30.06	43	W	5	O	30.13	+ .06	42	42	+ .2	W	4	C	*	45	39	-		
Cuxhaven ...	30.08	45	SW	3	O	30.16	+ .04	45	45	+ .5	WSW	4	O	*	?	37	-		
† Sumburgh Head	29.65	42	W	5	O	29.62	+ .18	44	42	- .4	WSW	4	O	5	48	37	0.13		
† Stornoway ...	29.76	41	SW	4	6q	29.66	+ .09	44	42	0	SSW	5	6C	4	45	38	0.19		
Wick ...	29.77	41	W	2	6	29.72	+ .22	41	40	- .5	W	2	6C	2	46	37	-		
Nairn ...	29.82	43	WSW	2	O	29.76	+ .16	44	42	- .5	SW	5	6+	3	50	40	0.10		
† Aberdeen ...	29.85	47	WSW	4	6C	29.85	+ .18	43	42	- .7	SW	4	C	2	53	40	-		
Leith ...	29.86	52	W	5	C	29.94	+ .19	46	44	- .6	WSW	3	6NW	*	52	42	0.15		
† Shields ...	30.00	55	WSW	2	6NW	29.99	+ .03	51	48	+ .1	WSW	6	6NW	2	55	46	0.02		
Spurn Head ...	30.15	48	SW	4	C	30.19	+ .13	45	44	- .1	SSW	4	6	2	50	43	-		
York ...	30.13	52	WSW	3	O	30.17	+ .09	49	46	- .1	SSW	3	O	*	54	46	-		
Loughborough ...	30.24	50	WSW	5	6	30.29	+ .13	47	45	0	WSW	5	6U	*	52	47	-		
† Ardrossan ...	30.02	48	W	2	O	29.98	+ .18	46	46	- .2	WSW	4	A	3	49	44	0.21		
† Mullaghmore ...	30.04	48	WSW	4	6NW	30.03	+ .19	47	45	- .5	SW	5	6NW	4	52	46	0.18		
Donaghadee ...	30.08	49	SW	3	O	30.06	+ .13	46	46	- .1	W	3	O	1	53	46	0.12		
Parsonstown ...	30.13	52	W	3	O	30.16	+ .13	50	49	- .2	NN	1	6NW	*	54	49	0.06		
Barrow-in-Furness ...	30.13	48	WSW	4	O	30.12	+ .10	48	46	+ .1	SSW	7	C	6	49	46	-		
† Holyhead ...	30.18	50	SSW	4	6q	30.21	+ .11	50	48	0	SSW	4	O	5	51	47	-		
Liverpool (Bidston) ...	30.21	51	SW	4	O	30.21	+ .12	50	46	0	SW	3	6	3	53	50	-		
† Valencia ...	30.18	53	SW	7	6NW	30.22	+ .11	52	52	- .1	SW	6	6NW	6	54	52	-		
Roche's Point ...	30.24	52	SW	6	O	30.27	+ .11	51	50	- .1	WSW	5	C	4	54	49	-		
Pembroke ...	30.36	50	WSW	5	O	30.33	+ .11	49	48	- .2	SW	4	O	4	51	48	-		
† Scilly ...	30.35	51	SW	5	C	30.40	+ .06	50	49	0	SW	4	C	5	54	48	-		
Prawle Point ...	30.42	50	SW	4	6	30.46	+ .10	49	47	0	SW	4	C	4	51	46	-		
Hurst Castle ...	30.42	47	WSW	5	O	30.46	+ .11	46	46	0	WSW	4	6C	2	49	45	-		
† Dover ...	30.39	46	WSW	3	6	30.44	+ .14	45	45	0	W	4	C	3	49	43	0.02		
† London ...	30.39	49	WSW	4	C	30.42	+ .14	43	42	- .1	WSW	2	C	*	53	43	-		
Oxford ...	30.37	50	SW	5	O	30.39	+ .12	45	44	- .2	SW	3	6	*	52	45	-		
Cambridge ...	30.27	48	SW	1	C	30.34	+ .12	46	45	+ .4	SW	1	C	*	52	41	-		
† Yarmouth ...	30.25	47	WSW	3	6	30.30	+ .12	44	43	+ .1	SSW	3	C	3	48	41	0.01		
The Helder ...	30.27	44	SW	1	6	30.32	+ .15	44	43	0	SW	5	6C	3	46	43	-		
Cape Griz Nez ...	30.40	47	WSW	5	O	30.45	+ .12	46	45	+ .1	SW	5	O	4	50	45	-		
† Jersey ...	30.49	48	WSW	4	6	30.52	+ .10	40	40	- .8	S	2	6C	3	51	39	-		
Brest ...	30.49	49	S	3	6	30.50	+ .08	46	46	- .3	SSW	5	O	4	50	43	-		
Lorient ...	30.59	48	SW	4	6	30.55	+ .04	47	46	- .1	SSW	3	C	3	55	41	-		
† Rochefort ...	30.65	46	NNW	3	6C	30.67	+ .09	36	36	- .9	E	5	f	2	55	30	-		
† Biarritz ...	30.58	50	N	3	C	30.50	- .03	46	44	- .8	N	3	6	2	51	43	-		
Corunna ...	*	*	*	*	*	30.45	+ .12	45	43	0	WSW	5	O	*	49	44	-		
Brussels ...	*	*	*	*	*	30.56	+ .12	39	37	- .14	SW	4	O	*	45	39	0.04		
Charleville ...	30.60	45	SW	4	O	30.65	+ .16	34	33	- .14	SSW	4	f	*	*	*	-		
Paris ...	30.56	47	S	1	O	30.65	+ .16	34	33	- .14	SSW	4	f	*	*	*	-		
Lyons ...	*	*	*	*	*	30.55	+ .25	48	40	+ .1	E	1	6	2	57	41	-		
Toulon ...	30.44	50	W	3	C	30.55	+ .25	48	40	+ .1	E	1	6	2	57	41	-		

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

Hawes Junction	28.84	45	WSW	6	2	2	28.89	+ .15	45	44	0	WSW	6	2	*	46	43	0.13
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EXPLANATION OF COLUMNS.

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

WEATHER CHARTS

for 8 a.m. on *Thursday 10th January* 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Iso-bars 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 —

— force above 10, — force 8 to 10,
 — force 5 to 7, — force 1 to 4,
 ○ = dead calm.

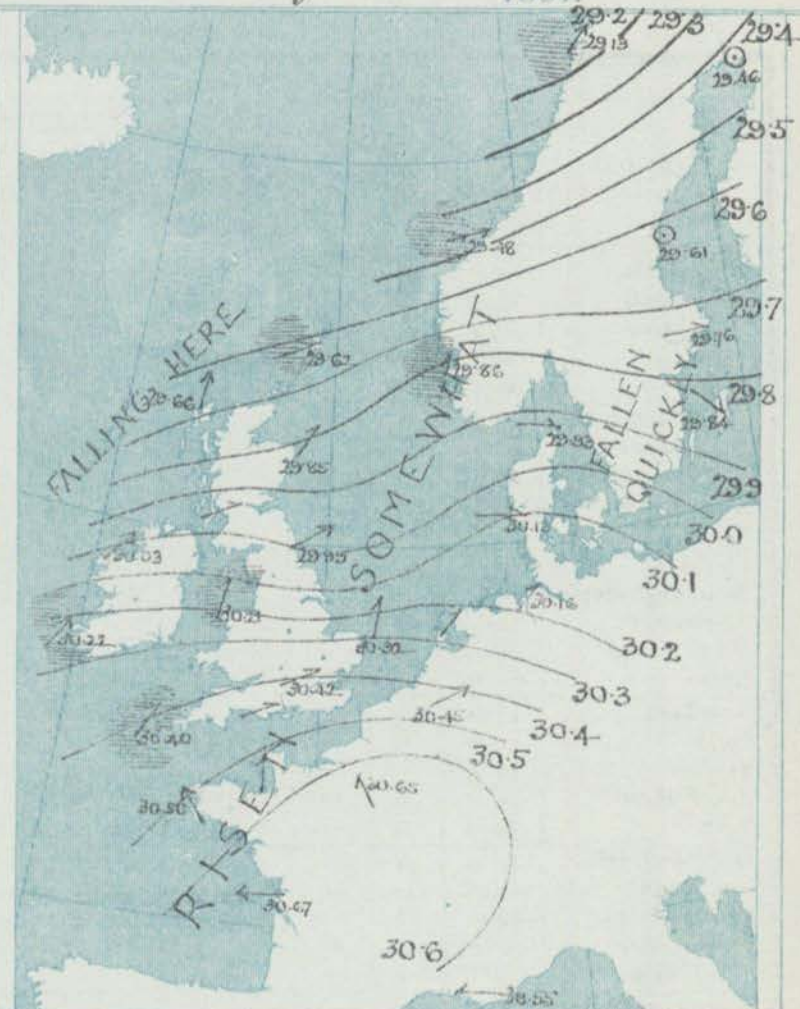
Sea Disturbance — where considerable is shown thus

= Rough, = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.681
Stornoway.	29.657
Wick.	29.697
Nairn.	29.729
Aberdeen.	29.763
Leith.	29.819
Shields.	29.867
York.	29.916
Ardrossan.	29.877
Donaghadee.	29.828
Holyhead.	29.875
Liverpool.	29.906
Valencia.	29.852
Roches Point.	29.883
Pembroke.	29.913
Scilly.	29.953
Hurst Castle.	29.975
Dover.	30.002
LONDON.	29.987
Oxford.	29.979
Cambridge.	29.975
Yarmouth.	29.963



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 AT 8 A.M., AND RAINFALL.

for the month of January

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	39.2	36.3	3.72
Stornoway.	38.9	37.6	5.28
Wick.	37.9	36.5	1.80
Nairn.	36.9	35.3	1.89
Aberdeen.	37.3	36.7	2.42
Leith.	38.2	37.2	2.02
Shields.	37.8	36.6	1.88
York.	36.9	35.9	1.88
Ardrossan.	40.1	38.4	4.86
Donaghadee.	39.7	38.8	3.03
Holyhead.	41.7	40.3	3.73
Liverpool.	38.9	37.3	2.45
Valencia.	44.1	43.3	7.22
Roches Point.	43.1	42.0	5.68
Pembroke.	42.8	41.3	4.13
Scilly.	46.5	45.0	4.24
Hurst Castle.	40.7	40.0	3.36
Dover.	39.6	38.4	3.00
LONDON.	38.1	37.1	2.41
Oxford.	37.6	36.6	2.53
Cambridge.	36.5	35.7	1.64
Yarmouth.	37.8	37.1	2.34

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 10th January.

1884. at 8 a.m.

In the course of the past twenty-four hours the barometer has risen at all but the Swedish stations, and an anticyclone, in which readings exceed 30.6 ins: now lies over Central France. On our extreme northern and north-western coasts, however, a new, but apparently slight fall of the barometer has set in during the night, and rather steep gradients for W. breezes prevail over the whole of our Islands. The wind which is SW^{ly} over the United Kingdom, but W^{ly} in Scandinavia blows freshly or strongly on the more exposed parts of our coast. In the south of France, however, moderate E^{ly} winds are reported. Dull, rainy weather prevails at most of the Irish and Scotch stations, but over England the sky is generally fair, while in some parts of France the weather is foggy. Temperature has fallen a little in most places, and readings now range from 62° at Valencia to 41° at Wick. The sea is rough on our west and south-west coasts, moderate or smooth elsewhere.

There is no sign of any material change of weather. The anticyclone over France will probably last for a time, occasionally fair weather over our southern district, while depressions may be expected to skirt the western coasts of Ireland and Scotland, producing strong winds and occasional rain in the north and extreme west.

FORECASTS

for the 24 hours ending at NOON on 11th January. 1884.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	SW ^{ly} winds, strong; cloudy, some rain.	6 { SCOTLAND WEST	Same as Nos 1 and 2.
2 { SCOTLAND EAST	SW ^{ly} winds, fresh; fair generally.	7 { ENGLAND N.W.	Same as Nos 1 and 2.
3 { ENGLAND N.E.	D. D. D.	8 { ENGLAND S.W.	Same as No 5.
4 { ENGLAND EAST	Same as No 5.	9 { IRELAND NORTH	SW ^{ly} winds, moderate in E ^{rr} parts of district with fair weather, strong in W ^{rr} parts, with dull, misty weather.
5 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	D. D. D.
6 { ENGLAND SOUTH	SW ^{ly} winds, moderate; fair generally, cooler.	WARNINGS	NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wes.	Sen.		Bar.	Dry.	Wet.	Wind.	Wes.	Sen.		
Skudesnaes	29.70	46	46	WSEW	6	1	6	Valencia	30.15	53	52	SW	1	0 m g	6
Sumburgh Head	29.59	42	40	W	3	0	4	Scilly	30.35	53	51	SW	6	6 c m	6
Stornoway	29.71	41	41	SW	5	0	4	Dover	30.54	48	47	W	4	0	3
Aberdeen	29.79	50	48	WSEW	2	0	2	London	30.83	58	48	WSEW	3	C	2
Shields	29.96	53	51	WSEW	4	0	2	Yarmouth	30.21	48	47	WSEW	3	6 c	2
Ardrossan	29.94	48	48	SW	3	0	2	Jersey	30.46	50	47	SW	4	C	2
Mullaghmore	29.96	49	48	WSEW	5	0 m	5	Rochefort	30.63	52	50	2	0	m	2
Holyhead	30.13	50	49	SW	3	0	4								

REMARKS.

The barometer is rising generally—most in the N. The wind remains unaltered, but the weather has improved in several places. In the W. of Ireland, however, overcast skies and mist are still reported, and at Stornoway drizzling rain is falling.

DAILY WEATHER REPORT

for *Friday* 11th January 1884.

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	SHADE TEMP.				
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).	Weather.		Max.	Min.	Amount of Rainfall.		
Haparanda	29.49	28	S	2	bc	29.30	- 16	27	27	+ 5	S	4	0	*	30	19	-		
Hernösand ...	29.54	17	Z	0	b	29.32	- 29	12	?	- 11	Z	0	6	*	32	?	-		
Stockholm ...	29.75	32	WSEW	2	0	29.43	- 33	38	36	+ 14	WSEW	6	0	*	?	30	-		
Wisby ...	29.86	39	W	4	0	29.62	- 22	41	39	+ 2	WSEW	8	0	*	41	34	-		
Bodö ...	29.15	33	SEW	4	0	29.86	- 27	35	31	0	SW	6	W	4	36	32	0.02		
Christiansund ...	29.25	40	SW	6	0	29.08	- 45	36	35	- 2	SW	5	0.6	6	41	30	0.35		
† Skudesnaes ...	29.71	45	SW	6	0	29.30	- 56	42	40	- 8	WSEW	8	0	6	45	?	-		
Oxö (Klansund) ...	29.82	42	WSEW	6	0	29.43	- 50	41	40	+ 2	SW	6	2	4	43	39	0.08		
Skagen (The Skaw) ...	29.83	42	W	4	0	29.52	- 41	42	40	- 2	W	6	0	6	43	39	-		
Fanö ...	29.98	42	WSEW	4	0	29.68	- 45	42	41	0	WSEW	5	0	*	43	41	-		
Cuxhaven ...	30.11	42	WSEW	4	0	29.88	- 25	39	39	- 6	WSEW	4	0	*	45	37	-		
† Sumburgh Head	29.49	41	W	5	b	29.21	- 41	37	35	- 7	NNW	5	0	5	45	31	0.29		
† Stornoway ...	29.61	41	WSEW	8	2.9	29.46	- 20	37	36	- 7	W	5	0.9	5	45	33	0.24		
Wick ...	29.68	37	W	4	bc	29.43	- 29	33	32	- 8	W	3	bc	2	41	32	0.15		
Nairn ...	29.72	40	WNW	4	0	29.51	- 25	32	32	- 12	Z	0	0.2	3	46	32	0.39		
† Aberdeen ...	29.79	43	WSEW	4	bc	29.50	- 35	36	35	- 7	W	4	0	1	48	34	-		
Leith ...	29.90	48	SW	5	h	29.63	- 31	35	34	- 11	W	5	0.2	*	49	33	0.25		
† Shields ...	30.02	49	W	4	bc	29.68	- 31	41	39	- 10	W	7	0.9	2	52	40	0.08		
Spurn Head ...	30.14	46	SW	5	b	29.83	- 36	43	40	- 2	W	5	0	2	49	40	-		
York ...	30.13	51	W	3	b	29.84	- 36	42	39	- 7	W	6	0	*	54	42	-		
Loughborough...	30.23	47	SW	4	0	29.96	- 33	45	41	- 2	WSEW	6	0.9	*	51	44	-		
† Ardrossan ...	29.96	46	WSEW	4	0	29.72	- 26	37	37	- 9	W	5	bc	3	48	36	0.18		
† Mullagbmore ...	30.02	45	WSEW	6	0.4	29.92	- 11	39	38	- 8	W	8	0.9	6	48	38	0.20		
Donaghadee ...	30.06	47	W	5	0	29.88	- 23	38	37	- 8	WSEW	5	0	8	49	37	0.09		
Parsonstown ...	30.17	46	SW	1	0	30.07	- 09	43	40	- 7	W	3	0.9	*	50	40	0.17		
Barrow-in-Furness	30.12	45	WSEW	3	0	29.88	- 29	41	40	- 7	W	7	0	6	49	40	0.05		
† Holyhead ...	30.16	49	WSEW	3	0	29.96	- 25	45	41	- 5	WNW	5	0	6	50	43	0.05		
Liverpool (Bidston)	30.15	50	SW	5	0	29.88	- 33	44	40	- 6	WSEW	6	bc	5	52	43	0.04		
† Valencia ...	30.23	45	WSEW	2	0.9	30.27	+ 05	47	44	- 5	WNW	6	bc	6	53	44	0.17		
Roche's Point ..	30.24	51	WSEW	5	W	30.20	- 07	44	41	- 7	WNW	4	bc	4	53	41	-		
Pembroke ...	30.25	48	SW	3	0	30.09	- 24	47	42	- 2	W	6	0	4	51	46	-		
† Scilly ...	30.30	50	SEW	5	0	30.25	- 15	49	45	- 1	WNW	6	0	6	52	47	-		
Prawle Point ...	30.40	48	SEW	3	0	30.20	- 26	46	45	- 3	WNW	4	bc	4	50	45	-		
Hurst Castle ...	30.40	47	SW	4	b	30.11	- 35	46	45	0	W	4	bc	2	50	44	-		
† Dover ...	30.38	45	WSEW	4	b	30.06	- 38	43	42	- 2	W	3	bc	2	48	40	-		
† London ...	30.36	46	SW	4	bc	30.06	- 36	43	41	0	W	4	0	*	53	42	-		
Oxford ...	30.29	45	SW	5	0	30.04	- 35	44	44	- 1	WSEW	3	bc	*	50	42	-		
Cambridge ...	30.28	45	SW	1	0	29.99	- 35	43	42	- 3	W	1	bc	*	50	41	-		
† Yarmouth ...	30.27	46	SW	3	bc	29.94	- 38	43	42	- 1	WSEW	4	bc	3	49	41	-		
The Helder ...	30.27	44	SW	4	0	29.83	- 49	44	42	0	SW	3	0	3	46	43	-		
Cape Griz Nez...	30.40	46	SW	5	0	30.09	- 36	41	40	- 5	SW	7	0	5	48	39	-		
† Jersey ...	30.46	42	S	3	bc	30.21	- 31	47	47	+ 7	W	4	0	4	47	39	-		
Brest ...	30.39	45	SEW	5	bc	30.28	- 22	51	49	+ 5	W	5	0	4	52	43	-		
Lorient ...	30.45	44	SE	5	b	30.32	- 23	49	47	+ 2	WNW	5	bc	3	50	38	-		
† Rochefort ...	30.52	39	E	5	bc	30.45	- 22	40	40	+ 4	S	5	0	2	46	30	-		
Biarritz ...	30.41	50	E	4	b	30.48	- 07	52	45	+ 6	S	3	bc	8	55	43	-		
Corunna ...	*	*	*	*	*	30.06	- 39	38	32	- 12	SEW	5	0	*	47	33	-		
Brussels ...	*	*	*	*	*	30.26	- 30	30	28	- 9	W	5	0	*	40	30	-		
Charleville ...	730.62	38	W	4	0	30.27	- 28	35	34	+ 1	SE	4	0	*	*	*	-		
Paris ...	30.52	36	SE	4	0	30.27	- 28	35	34	+ 1	S	1	bc	*	43	31	-		
Lyons ...	30.60	35	NE	1	b	30.47	- 19	31	31	+ 1	W	1	bc	2	57	45	-		
Toulon ...	30.34	50	W	1	b	30.26	- 19	49	41	+ 1	W	1	bc	2	57	45	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.86	41	WSEW	4	h	28.54	- 35	34	34	- 11	W	6	0	*	45	33	0.47		

EXPLANATION OF COLUMNS.

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

Fred^t Dangerfield Lith. London.

WEATHER

for 8 a.m. on Friday,

CHARTS

11th January. 1884.

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.

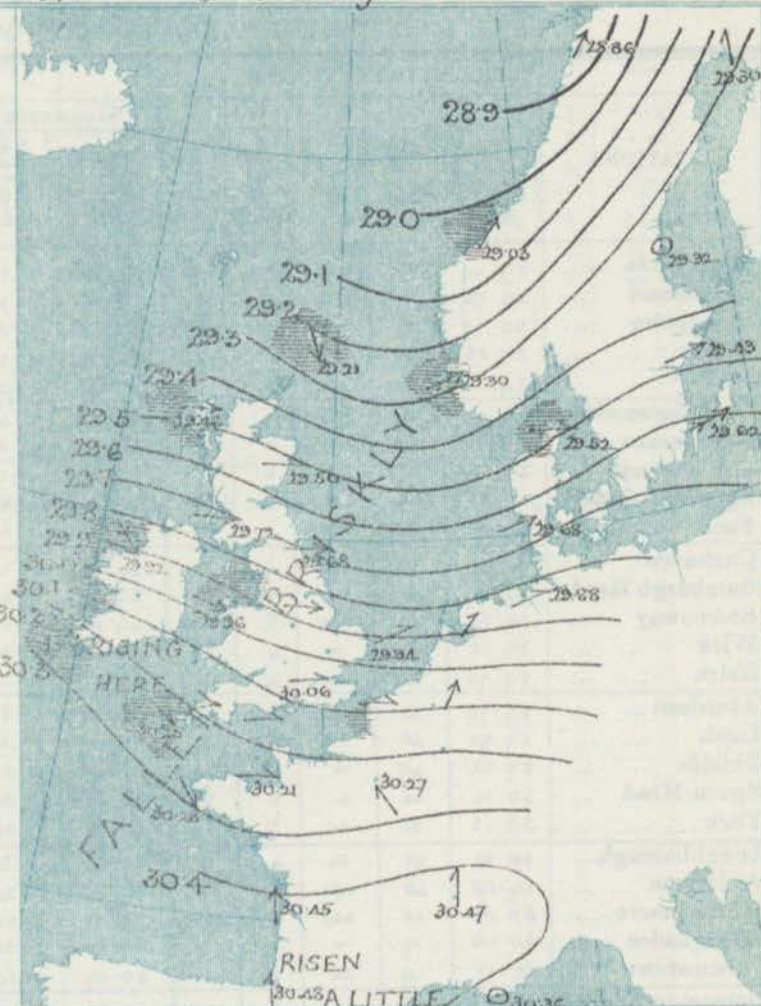
Sea Disturbance — where considerable is shown thus

■ = Rough ■ = High

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.661
Sornoway.	29.657
Wick.	29.697
Nairn.	29.729
Aberdeen.	29.763
Leith.	29.819
Shields.	29.867
York.	29.916
Ardrossan.	29.877
Donaghadee.	29.828
Holyhead.	29.835
Liverpool.	29.806
Valencia.	29.852
Roche's Point.	29.858
Pembroke.	29.913
Scilly.	29.953
Hurst Castle.	29.975
Dover.	30.002
LONDON.	29.987
Oxford.	29.979
Cambridge.	29.975
Yarmouth.	29.964



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 at 8 A.M., AND RAINFALL.

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	39.2	45.3	3.72
Sornoway.	38.9	37.6	5.20
Wick.	37.9	36.5	1.80
Nairn.	36.9	35.3	1.80
Aberdeen.	37.3	35.7	2.42
Leith.	38.2	37.2	2.02
Shields.	37.9	36.6	1.88
York.	36.9	35.9	1.86
Ardrossan.	40.1	35.4	4.86
Donaghadee.	39.7	38.8	3.03
Holyhead.	41.7	40.3	3.73
Liverpool.	38.9	37.3	2.46
Valencia.	44.1	43.3	7.22
Roche's Point.	43.1	42.0	5.68
Pembroke.	42.8	41.3	4.13
Scilly.	46.5	45.0	4.24
Hurst Castle.	40.7	40.0	3.38
Dover.	39.6	38.4	3.03
LONDON.	38.1	37.1	2.41
Oxford.	37.6	36.6	2.53
Cambridge.	36.5	35.7	1.64
Yarmouth.	37.8	37.1	2.24

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1868—80.



REMARKS.

for Friday 11th January 1884, at 8 a.m.

The general distribution of pressure is very similar to that of yesterday, but an uniform fall of the barometer has taken place, and the anticyclone over France has apparently receded a little to the S^W. Rather steep gradients still prevail over the whole Kingdom and the westerly wind consequently blows strongly on several parts of our western, as well as our north eastern coasts. In the north of Scotland and also in the south east of England it is moderate in force. Sleet showers are falling in the north of our islands, and hail or rain at several of the western stations, while in France the sky is very cloudy, but over the greater part of England the weather is fine and bright. In the course of the past 24 hours rain has fallen in the west and north. Lunar halos were seen last evening in many places, and lightning was observed at Mullaghmore. Temperature has fallen several degrees in the north, and readings now range from 44° at Scilly to 32° at Kair. The sea is rough on our western and extreme northern coasts, moderate to smooth elsewhere.

There is no indication of any important change in the distribution of pressure, so that W^W winds may be expected to continue, with showers in the west and north, but generally fair weather in the south east.

FORECASTS

for the 24 hours ending at NOON on 12th January 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	W ^W and NW ^W winds, fresh; unsettled, hail and sleet showers.	6 { SCOTLAND WEST	Same as No 2
1 { SCOTLAND EAST	----- D ^o ----- D ^o ----- D ^o -----	7 { ENGLAND N. W.	Same as No 2
2 { ENGLAND N. E.	W ^W winds, strong; changeable, some showers.	8 { ENGLAND S. W.	W ^W winds, strong, fair generally but some showers.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	W ^W and NW ^W winds, strong; changeable, showery.
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	----- D ^o ----- D ^o ----- D ^o -----
5 { ENGLAND SOUTH	W ^W winds, fresh; fair generally but some showers. Turning cooler.	WARNINGS	NONE ISSUED.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.76	45	43	SSW	6	0	5	Valencia	30.23	50	50	WSW	2	rm	3
Sumburgh Head	29.47	44	41	WSW	5	0	5	Scilly	30.36	51	50	SSW	5	0	6
Stornoway	29.66	44	39	WSW	7	bcy	5	Dover	30.40	47	46	WSW	3	bc	2
Aberdeen	29.81	48	43	WSW	4	b	1	London	30.38	53	46	SW	4	c	*
Shields	30.03	53	48	WSW	6	c	2	Yarmouth	30.27	49	46	WSW	3	bc	3
Ardrossan	29.97	47	47	SSW	4	0	3	Jersey	30.51	47	46	SSE	3	bc	3
Mullaghmore	30.04	48	46	WSW	5	onv	5	Rocheport	30.61	39	39	E	5	f	2
Holyhead	30.20	50	49	SW	3	og	4								

REMARKS.

The barometer is falling in most places, and the wind at Stornoway has increased to a moderate gale from WSW. The weather is little changed, but hail showers are reported from the Hebrides. Sea is moderate at Holyhead, smooth at Dover.

DAILY WEATHER REPORT

for *Saturday 12th January 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).		Weather.	Max.		Min.		
Haparanda	29.13	24	8	4	0	29.21	- .09	20	20	- 1	8	2	0	*	27	?	0.12		
Hernösand ...	29.07	11	2	0	0	29.18	- .14	12	12	0	2	0	0	*	25	?	-		
Stockholm ...	29.08	35	W	2	0	29.17	- .26	31	29	- 1	NNW	6	0	*	39	?	-		
Wisby ...	29.14	37	WSW	6	0	29.10	- .52	36	35	- 5	N	6	0	*	43	36	-		
Bodö ...	28.98	35	SW	2	0	29.22	+ .36	35	31	0	N	4	0	2	?	32	-		
Christiansund ...	29.18	34	NNW	8	0	29.17	+ .14	32	32	- 4	NNW	9	5	6	36	27	-		
Skudesnaes ...	29.36	38	NW	7	0	29.78	+ .48	36	33	- 6	NW	8	0	5	43	?	-		
Oxö (Xilansund) ...	29.25	37	NW	6	0	29.61	+ .18	36	31	- 5	NW	8	0	3	?	34	0.08		
Skagen (The Skaw) ...	29.19	37	NNW	7	0	29.52	- .00	39	33	- 3	NNW	6	0	7	43	36	0.04		
Fanö ...	29.08	37	W	6	0	29.75	+ .07	31	35	- 4	NW	7	0	*	43	36	0.08		
Cuxhaven ...	29.93	39	NNW	6	0	29.74	- .14	37	37	- 2	NW	7	0	begl.	44	36	-		
† Sumburgh Head	29.58	37	N	4	0	29.98	+ .77	39	35	+ 2	N	5	0	5	40	32	0.08		
† Stornoway ...	29.92	40	NW	3	0	30.23	+ .77	41	40	+ 2	NNW	4	0	3	41	34	0.22		
Wick ...	29.74	38	N	6	0	30.15	+ .72	35	34	+ 2	NW	2	0	2	39	31	0.10		
Nairn ...	29.82	37	NW	7	0	30.21	+ .70	39	37	+ 7	WSW	2	0	2	40	32	0.12		
Aberdeen ...	29.76	38	NNW	6	0	30.19	+ .69	36	35	0	NNW	4	0	2	40	34	0.16		
Leith ...	29.89	38	WSW	3	0	30.28	+ .65	37	35	+ 2	N	2	0	*	40	33	0.05		
† Shields ...	29.89	39	N	6	0	30.20	+ .62	35	33	- 6	N	2	0	2	42	34	-		
Spurn Head ...	29.89	41	N	7	0	30.26	+ .43	38	37	- 5	NNW	5	0	5	44	34	0.08		
York ...	29.96	39	NNW	3	0	30.32	+ .51	35	34	- 7	NNW	1	0	*	44	34	0.01		
Loughborough ...	30.06	40	NW	6	0	30.35	+ .39	39	37	- 6	NNW	3	0	*	46	38	0.03		
† Ardrossan ...	30.02	40	N	4	0	30.36	+ .64	44	43	+ 7	NNW	3	0	2	44	36	0.18		
† Mullaghmore ...	30.25	43	NW	3	0	30.50	+ .58	45	44	+ 6	NW	5	0	5	46	39	0.06		
Donaghadee ...	30.15	40	N	5	0	30.42	+ .59	40	39	+ 2	N	4	0	2	43	37	0.03		
Parsonstown ...	30.33	42	SW	1	0	30.58	+ .51	40	38	- 3	2	0	0	*	43	36	0.02		
Barrow-in-Furness	30.05	40	NW	6	0	30.34	+ .51	41	39	0	NW	4	0	4	43	38	-		
† Holyhead ...	30.17	43	NNW	5	0	30.43	+ .49	44	41	- 1	NNW	4	0	5	46	38	-		
Liverpool (Bidston)	30.09	43	W	6	0	30.40	+ .52	41	39	- 3	NNW	5	0	4	45	39	0.02		
Valencia ...	30.45	46	NW	5	0	30.63	+ .36	42	42	- 5	NNW	1	0	1	49	42	0.02		
Roche's Point ...	30.39	44	NNW	5	0	30.59	+ .39	41	39	- 3	NW	3	0	3	49	39	-		
Pembroke ...	?	46	NNW	5	0	30.51	+ .42	44	40	- 3	NNW	4	0	4	47	42	0.03		
† Scilly ...	30.36	49	NW	2	0	30.55	+ .50	48	45	- 1	NNW	5	0	6	50	46	-		
Prawle Point ...	30.35	43	NNW	5	0	30.52	+ .32	38	37	- 8	NNW	2	0	4	48	36	0.01		
Hurst Castle ...	30.25	43	NNW	6	0	30.46	+ .35	37	36	- 9	NNW	4	0	3	49	35	0.03		
† Dover ...	30.11	40	NNW	5	0	30.35	+ .27	35	36	- 5	NNW	4	0	2	48	37	0.06		
† London ...	30.16	41	NNW	5	0	30.39	+ .33	36	35	- 7	NW	2	0	*	48	35	0.04		
Oxford ...	30.23	39	NNW	5	0	30.41	+ .37	37	35	- 7	NW	2	0	*	47	36	0.05		
Cambridge ...	30.13	30	NNW	3	0	30.35	+ .36	36	35	- 7	NNW	1	0	*	48	34	0.03		
† Yarmouth ...	29.94	38	NNW	5	0	30.27	+ .33	36	35	- 7	NNW	3	0	4	45	34	0.01		
The Helder ...	29.83	42	W	7	0	30.19	+ .27	42	39	- 2	NW	5	0	4	45	37	-		
Cape Griz Nez ...	30.08	43	NW	8	0	30.34	+ .25	40	39	- 1	NNW	7	0	5	48	39	-		
† Jersey ...	30.04	48	NNW	5	0	30.49	+ .28	43	40	- 4	NNW	3	0	3	50	42	0.02		
Brest ...	?	?	?	?	?	30.50	+ .22	45	41	- 6	NE	3	0	4	?	43	-		
Lorient ...	30.50	48	NNW	5	0	30.2	+ .20	44	42	- 5	NNW	4	0	3	54	41	0.24		
† Rochefort ...	30.51	50	NNW	4	0	30.58	+ .13	45	43	+ 5	NNW	5	0	2	54	36	-		
Biarritz ...	30.32	55	W	4	0	30.53	+ .07	46	44	- 6	SE	3	0	2	59	43	-		
Corunna ...	*	*	*	*	*	30.26	+ .20	39	37	+ 6	N	5	0	*	45	?	0.04		
Brussels ...	*	*	*	*	*	30.29	+ .03	34	33	+ 4	SE	5	0	*	39	?	0.08		
Charleville ...	30.16	39	SE	7	0	30.43	+ .16	39	37	+ 4	SE	1	0	*	*	*	-		
Paris ...	30.32	41	S	4	0	30.43	+ .16	39	37	+ 4	SE	1	0	*	*	*	-		
Lyons ...	30.38	44	NN	4	0	30.38	- .09	39	37	+ 8	NW	4	0	*	52	?	-		
Toulon ...	?	48	?	5	0	30.16	- .20	45	39	- 14	NW	8	0	6	59	41	-		

HIGH LEVEL STATION.

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

Hawes Junction	28.73	35	NW	3	0	0	29.09	+ .55	33	32	- 1	NW	1	0	*	36	31	0.04
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EXPLANATION OF COLUMNS.

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

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

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

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

Fredk. Dangerfield, Lith. London.

WEATHER CHARTS

for 8 a.m. on Saturday 12th January.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

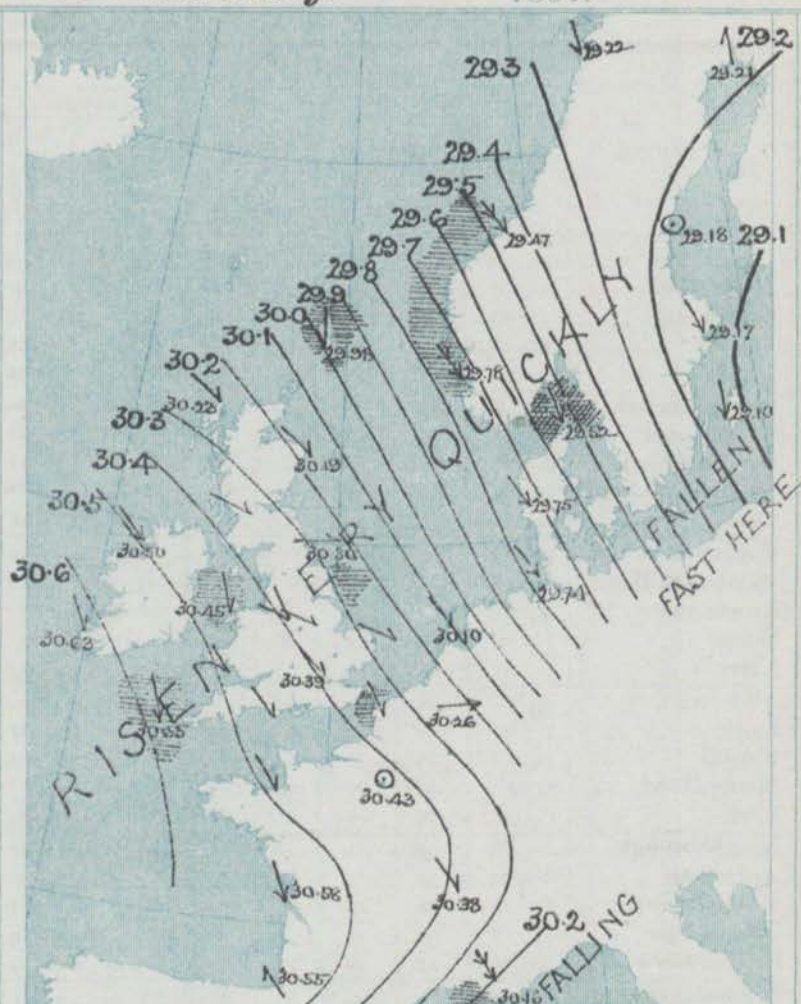
Barometer — Isobars are drawn for each tenth of an inch changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 — = forces above 10; — = forces 8 to 10;
 — = forces 5 to 7; — = forces 1 to 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 January.
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.681
Stornoway.	29.657
Wick.	29.697
Nairn.	29.799
Aberdeen.	29.763
Leith.	29.819
Shields.	29.867
York.	29.940
Ardrossan.	29.917
Donaghadee.	29.838
Wexhead.	29.875
Liverpool.	29.906
Valencia.	29.852
Roches Point.	29.883
Pembroke.	29.913
Scilly.	29.963
Hurst Castle.	29.975
Dover.	30.002
LONDON.	29.987
Oxford.	29.974
Cambridge.	29.975
Yarmouth.	29.964



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

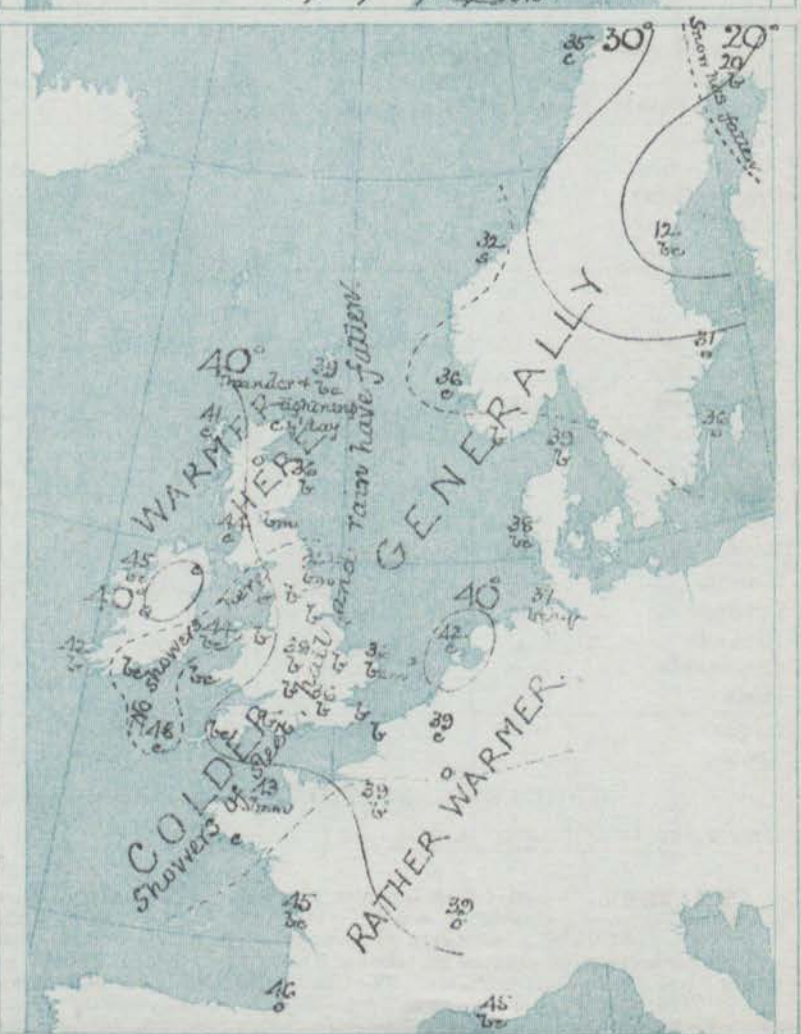
Temperature — Isotherms are drawn for each 1° changes since previous morning are stated in words.
Weather — is shown by Letters of the Beaufort Scale.
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	39.2	35.3	3.72
Stornoway.	38.9	37.6	5.28
Wick.	37.9	36.5	7.80
Nairn.	36.9	35.3	1.09
Aberdeen.	37.3	36.7	2.42
Leith.	38.2	37.2	2.02
Shields.	37.3	36.6	1.88
York.	36.9	35.9	1.88
Ardrossan.	40.1	38.4	4.86
Donaghadee.	39.7	38.8	3.03
Wexhead.	41.7	40.3	3.73
Liverpool.	38.9	37.3	2.46
Valencia.	44.1	43.3	7.22
Roches Point.	43.1	42.0	5.68
Pembroke.	42.8	41.3	4.10
Scilly.	46.5	45.0	4.24
Hurst Castle.	40.7	40.0	3.38
Dover.	39.6	38.4	3.00
LONDON.	38.1	37.1	2.41
Oxford.	37.6	36.6	2.53
Cambridge.	36.5	35.7	1.64
Yarmouth.	37.8	37.1	2.24

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 12th January 1884. at 8 a.m.

The large area of low readings recently noticed far to the northward of our Islands has moved away in a SEth direction, and the barometer has risen briskly in all parts of Western Europe. The eastern edge of an anticyclone in which readings exceed 30.6 in. has appeared off the south-west of Ireland, and gradients for NWth winds prevail over the whole of our area. Moderate or fresh NWth breezes are reported on all coasts with fine bright weather in most places. In the course of yesterday showers of sleet, hail or cold rain fell in nearly all parts of the Kingdom. Temperature has risen in France, Scotland, and the north of Ireland, but fallen several degrees elsewhere; readings now range from 48° at Scilly to 33° at Wick, Shields and York. In London the thermometer on the grass fell last night to 26°. The sea is rather rough in some of the more exposed parts of our coasts, moderate to smooth elsewhere.

The anticyclone in the south-west is likely to extend gradually eastwards, and fine cold weather will probably continue in all the more southern parts of the Kingdom.

FORECASTS

for the 24 hours ending at NOON on 13th January 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	NW th to W th winds, increasing; rain to unsettled and stormy.	6 { SCOTLAND WEST	NW th winds, moderate, fair generally.
1 { SCOTLAND EAST	NW th and W th winds, moderate; fine generally.	7 { ENGLAND N.W.	-----D-----D-----D-----
2 { ENGLAND N.E.	-----D-----D-----D-----	8 { ENGLAND S.W.	Same as No 6
3 { ENGLAND EAST	Same as No 6.	9 { IRELAND NORTH	Same as No 6.
4 { MIDLAND COUNTIES	Same as No 6.	10 { IRELAND SOUTH	Same as No 6.
5 { ENGLAND SOUTH	NW th winds, light or moderate; fine, cold, wet fog.	WARNINGS	NONE ISSUED.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	29.23	34	37	W	8	0	Valencia	30.37	48	46	WN	6	cmap	6
Sumburgh Head	29.31	38	35	NNW	5	c	Scilly	30.32	26	46	NNW	8	a	6
Stornoway	29.71	34	39	WNW	6	bcyp	Dover	30.04	46	42	W	5	b	3
Aberdeen	29.60	39	36	W	4	b	London	30.05	41	39	W	5	cpq	*
Shields	29.72	40	26	W	7	bc	Yarmouth	29.85	41	39	NNW	6	cqj	3
Ardrossan	29.85	21	40	N	6	h	Jersey	30.28	48	45	NNW	5	0	4
Mullaghmore	30.12	44	40	NN	8	cpb	Rochefort	30.47	51	50	W	4	0	2
Holyhead	30.04	43	39	NN	6	bcqj								

REMARKS.

The barometer is rising at all but our SE-stations, and the wind is veering to the NW. At Mullaghmore and Scilly there is a fresh NW gale. Thunder, lightning and sleet are reported at Wick, and cold showers in many other places. Sea is rough at Holyhead, slight at Dover.

DAILY WEATHER REPORT

for Sunday 13th January 1884.

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

† YESTERDAY EVENING.										8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.							
			Dir.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)			Max.	Min.	Amount of Rainfall.					
Haparanda	29.46	17	N	2	c	29.86	+ .65	14	14	—	6	NE	2	o	21	?	—					
Hernösand ...	29.51	27	Z	0	b	29.73	+ .55	20	24	+	14	Z	0	b	28	3	—					
Stockholm ...	29.46	30	NNW	6	o	29.78	+ .61	20	25	—	5	NNW	4	b	37	27	—					
Wisby ...	29.34	31	N	8	c	29.75	+ .65	33	32	—	3	NNW	8	c	39	32	—					
Bodö ...	29.55	36	W	2	o	29.64	+ .42	36	30	+	1	W	4	c	36	32	—					
Christiansund ...	29.25	35	NNW	4	c	29.78	+ .26	36	34	+	4	WSW	4	o	36	28	0.55					
† Skudesnaes ...	30.02	38	NW	4	c	30.04	+ .26	39	36	+	3	SW	4	r	39	34	—					
Oxö (Klansund) ...	29.85	36	NW	6	o	30.05	+ .44	34	31	—	2	W	2	c	39	30	—					
Skagen (The Skaw)	29.76	37	NNW	6	b	30.04	+ .52	35	32	—	4	NNW	2	b	39	34	—					
Fanö ...	29.96	37	NW	6	b	30.18	+ .43	38	32	—	5	NW	2	b	39	32	—					
Cuxhaven ...	29.83	38	NNW	6	c	30.24	+ .50	37	37	—	0	NNW	2	b	40	34	0.12					
† Sumburgh Head	30.09	37	N	1	o	29.96	— .02	44	43	+	5	NW	4	b	45	34	0.03					
† Stornoway ...	30.25	44	W	3	o	30.18	— .05	44	48	+	3	W	4	d	45	39	0.05					
Wick ...	30.14	42	NW	3	b	30.13	— .02	42	41	+	7	NW	2	b	44	35	0.03					
Nairn ...	30.24	43	NNW	2	c	30.20	— .01	48	41	+	4	WSW	3	b	46	39	—					
† Aberdeen ...	30.21	42	W	3	c	30.21	+ .02	43	41	+	7	W	2	b	45	35	—					
Leith ...	30.29	43	NNW	3	b	30.26	— .02	44	43	+	7	W	2	b	45	35	—					
† Shields ...	30.30	42	NNW	4	b	30.33	+ .03	45	43	+	10	NNW	3	o	45	35	—					
Spurn Head ...	30.31	41	NNW	4	b	30.35	+ .04	43	42	+	5	W	4	c	43	36	—					
York ...	30.35	40	NW	1	b	30.39	+ .07	43	42	+	8	W	1	o	45	34	0.04					
Loughborough...	30.42	41	NNW	2	o	30.44	+ .09	44	42	+	5	W	3	o	44	38	—					
† Ardrossan ...	30.35	45	W	3	o	30.35	— .01	46	45	+	2	W	2	o	47	42	0.02					
† Mullaghmore ...	30.50	47	W	4	o	30.44	— .06	45	45	+	0	WSW	5	o	47	45	0.05					
Donaghadee ...	30.46	45	NNW	2	o	30.43	+ .01	44	44	+	4	NNW	2	c	46	39	—					
Parsonstown ...	30.56	45	W	1	c	30.54	+ .04	47	41	+	2	S	1	o	47	36	—					
Barrow-in-Furness	30.41	44	NNW	2	o	30.42	+ .08	45	44	+	4	WSW	3	o	46	40	0.01					
† Holyhead ...	30.50	45	NNW	3	c	30.50	+ .05	45	44	+	1	W	4	o	46	41	—					
Liverpool (Bidston)	30.44	44	W	4	o	30.44	+ .04	44	43	+	3	W	4	o	45	41	—					
† Valencia ...	30.68	42	NNW	2	b	30.58	— .05	43	42	+	1	Z	0	c	42	41	0.05					
Roche's Point ..	30.61	47	NW	3	b	30.58	— .01	42	41	+	2	NNW	2	b	42	40	—					
Pembroke ...	30.56	45	NNW	3	b	30.54	+ .03	46	43	+	2	W	4	o	47	41	—					
† Scilly ...	30.58	48	N	4	c	30.59	+ .04	48	44	—	0	NNW	4	o	49	45	—					
Prawle Point ...	30.57	39	NNW	2	b	30.56	+ .04	42	41	+	4	NNW	2	c	40	36	—					
Hurst Castle ...	30.30	41	NW	3	b	30.33	+ .07	41	40	+	4	NW	3	c	46	36	—					
† Dover ...	30.40	40	NW	3	b	30.48	+ .15	43	40	+	5	NNW	3	b	42	37	—					
† London...	30.46	41	NNW	2	b	30.50	+ .11	41	39	+	5	W	2	o	44	35	—					
Oxford ...	30.50	40	W	4	c	30.50	+ .09	41	40	+	4	SW	2	o	45	37	—					
Cambridge ...	30.39	38	W	1	b	30.44	+ .09	42	41	+	6	W	1	o	44	34	—					
† Yarmouth ...	30.33	38	NNW	3	b	30.40	+ .13	38	37	+	2	W	2	c	41	32	—					
The Helder ...	30.19	42	NW	7	r	30.38	+ .23	39	39	—	3	SW	1	o	42	39	0.12					
Cape Griz Nez...	30.40	45	NW	5	b	?	?	43	41	+	3	NW	5	o	45	39	—					
† Jersey ...	30.53	44	N	2	b	30.52	+ .10	42	41	—	1	NW	2	b	46	41	—					
Brest ...	30.57	43	NE	3	b	30.61	+ .11	45	43	—	0	NE	1	o	42	37	—					
Lorient ...	30.58	46	N	4	b	30.65	+ .13	43	41	—	1	N	3	o	40	37	—					
† Rochefort ...	30.59	45	NNE	4	c	30.68	+ .10	36	36	—	9	ENE	4	b	42	30	—					
Biarritz ...	30.54	49	NE	5	r	30.59	+ .04	36	36	—	10	E	3	b	37	34	—					
Corunna ...	?	?	?	?	?	30.57	— .13	47	46	+	11	ENE	1	b	45	34	—					
Brussels ...	?	?	?	?	?	30.42	+ .17	39	39	+	0	W	4	c	42	36	—					
Charleville ...	?	?	?	?	?	30.58	+ .19	36	34	+	2	W	3	c	37	30	—					
Paris ...	30.49	42	W	4	c	30.57	+ .14	37	36	—	2	NNW	3	m	?	?	—					
Lyons ...	30.43	37	N	3	o	30.56	+ .18	32	32	—	7	NW	4	c	?	?	—					
Toulon ...	30.14	43	NW	7	b	30.22	+ .16	39	36	—	6	?SW	3	b	40	36	—					
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	29.12	39	NW	1	b	29.14	+ .05	40	40	+	7	W	4	o	40	32	—					

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

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

Printed by Dangerfield, 11th London.

WEATHER CHARTS

for 8 a.m. on

Sunday 13th January

1884.

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—

→ = force above 10; →→ = forces 8 to 10;
→→ = forces 5 to 7; →→ = forces 1 to 4;
○ = dead calm.

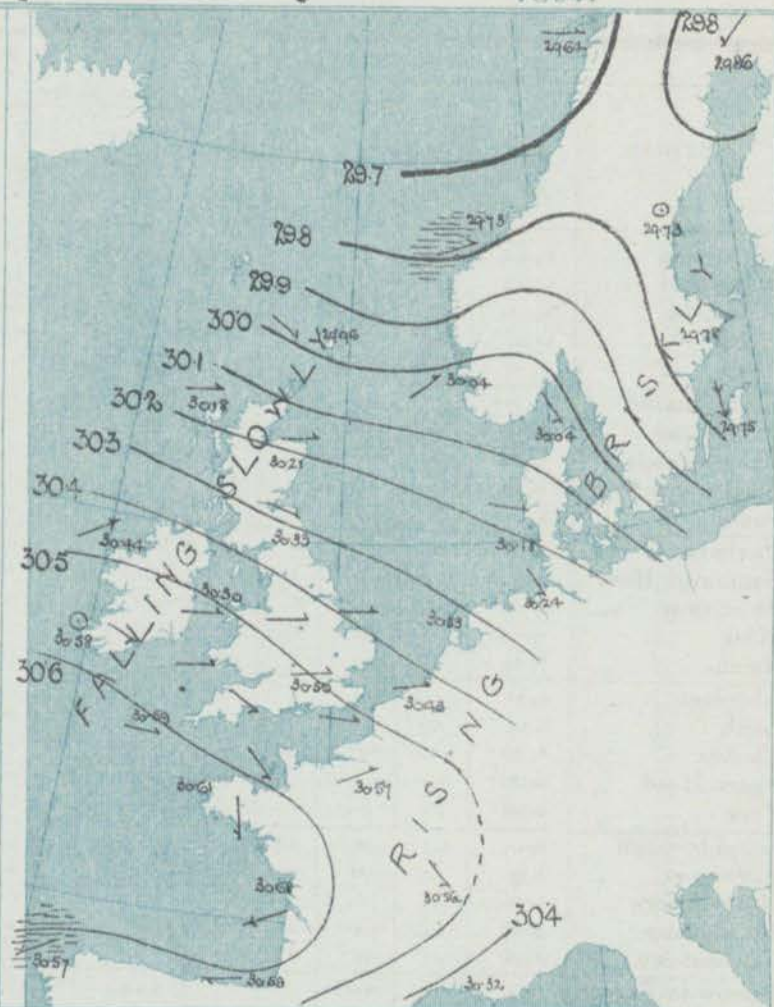
Sea Disturbance—where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.917
Donaghadee	29.838
Ballyhead	29.835
Liverpool	29.806
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Silly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



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.

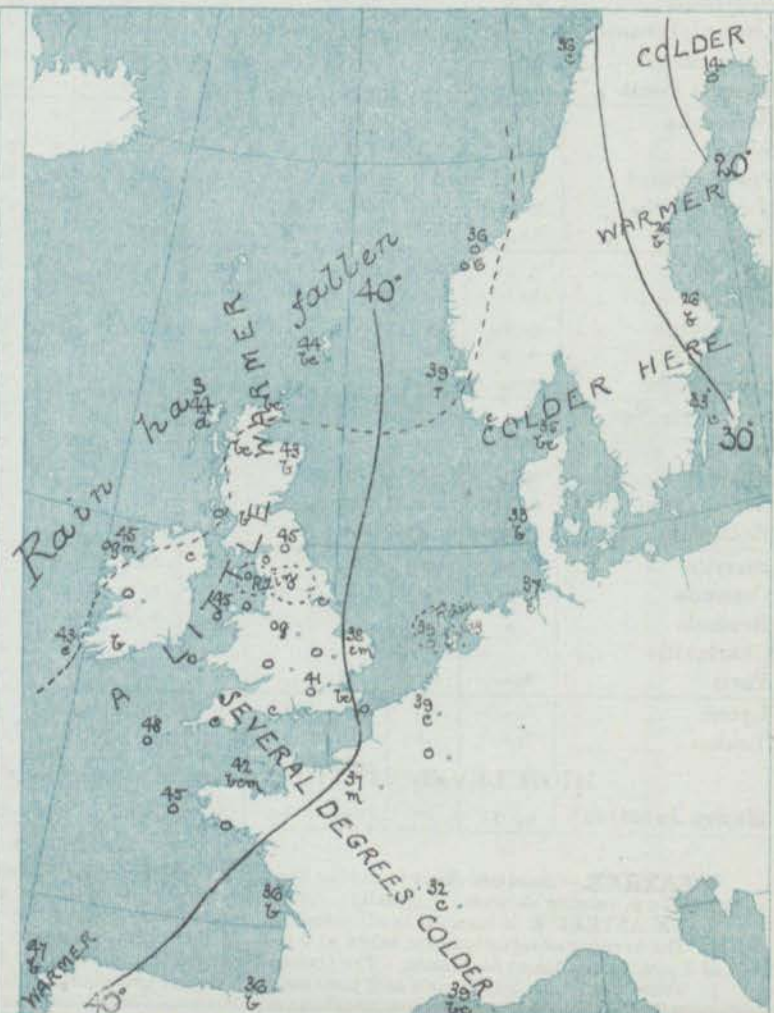
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	39.2	38.3	3.72
Stornoway	38.0	37.6	5.28
Wick	37.9	36.5	1.00
Nairn	36.9	35.3	1.09
Aberdeen	37.3	35.7	2.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	7.88
York	36.8	35.9	7.88
Ardrossan	40.1	38.4	4.86
Donaghadee	39.7	38.8	3.03
Ballyhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.45
Valencia	44.1	43.3	7.22
Roche's Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.10
Silly	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.08
Dover	39.6	38.4	3.03
LONDON	39.1	37.1	2.41
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.64
Yarmouth	37.8	37.1	2.24

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1865—80.



REMARKS.

for Sunday 13th January 1884. at 8 a.m.

The rise of the barometer noticed yesterday has continued on all but our extreme western and northern coasts, where a slight fall has set in during the night. The area of highest pressure has moved slightly to the SE^{ward} of the position it occupied yesterday, while a large area of relatively low readings has appeared far to the northward of our Islands. In the south of France the wind is Eth, but elsewhere it is generally Wth, and light or moderate in force. The weather is cloudy or overcast at many of our western and southern stations, but fine in the north and east. Temperature has fallen a little at our extreme southern, and many of the Continental stations, but risen elsewhere; readings range from 45° at Scilly to 38° at Yarmouth. The sea is moderate to smooth.

FORECASTS

for the 24 hours ending at NOON on 14th JANUARY 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

NONE
ISSUED

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

WARNINGS

NONE
ISSUED

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.98	34	32	N	7	shg	5	Valencia	30.64	31	48	NNW	2	o	2
Sumburgh Head	30.08	38	34	NNW	3	b	4	Scilly	30.07	48	44	N	4	c	5
Stornoway	30.26	45	44	W	4	c	3	Dover	30.38	42	39	NN	4	b	2
Aberdeen	30.21	42	40	NW	4	bc	2	London	30.42	44	40	NNW	3	b	*
Shields	30.30	43	40	W	4	b	2	Yarmouth	30.31	41	38	NNW	4	b	4
Ardrossan	30.36	46	45	NNW	4	o	3	Jersey	30.52	46	42	N	3	bc	3
Mullaghmore	30.32	47	45	NNW	4	omp	4	Rochefort	30.59	46	43	N	5	o	2
Holyhead	30.49	48	43	NN	5	c	5								

REMARKS.

No important change has occurred since the morning beyond a slackening in the rate of rise in the barometer at Stornoway, accompanied by a little backing in the wind. Sea is rather rough at Holyhead, smooth at Dover.

DAILY WEATHER REPORT

for *Monday 14th January 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.			
Haparanda	29.79	18	NE	2	0	29.76	-10	12	12	-2	SE	14	0	*	18	12	-		
Hernösand ...	29.80	12	2	0	6c	29.61	-12	20	30	+4	SE	6	3	*	?	7	-		
Stockholm ...	29.88	28	N	2	6	29.76	-02	25	24	-1	SW	2	1	*	30	21	-		
Wisby ...	29.88	32	NW	6	6	29.76	+11	32	32	-1	W	14	0	*	34	20	-		
Boðö ...	29.84	26	ENE	4	6	29.13	-51	29	27	-7	E	8	8	*	?	25	-		
Christiansund ...	29.67	43	WSW	7	7	29.40	-33	41	39	+5	WSW	8	1	5	43	32	0.17		
Skudesnaos ...	29.91	43	WNW	2	1	29.78	-26	45	44	+6	WNW	4	1	4	45	?	0.24		
Oxö (Ålansand) ...	29.95	39	W	4	0	29.80	-25	41	40	+7	SW	6	1	3	?	?	-		
Skagen (The Skaw)	29.93	37	NW	2	0	29.84	-20	41	41	+6	WNW	6	0	5	41	32	0.04		
Fanö ...	30.12	40	W	4	0	30.06	-12	41	40	+8	W	14	0	*	41	?	0.04		
Cuxhaven ...	30.17	40	WSW	2	0	30.11	-13	41	41	+4	W	3	1	*	41	36	0.02		
†Sumburgh Head	29.95	46	W	5	0	29.80	-16	45	41	+1	WNW	5	0	5	47	42	0.04		
†Stornoway ...	30.11	46	SW	5	0	30.09	-09	44	42	0	WNW	4	0	4	49	41	0.09		
Wick ...	30.07	42	NW	3	6c	30.00	-13	43	42	+1	NW	3	0	2	46	37	-		
Nairn ...	30.13	45	SW	4	0	30.06	-14	47	45	+4	W	14	0	2	50	43	-		
†Aberdeen ...	30.17	41	2	0	6	30.06	-15	48	45	+5	W	3	0	1	48	39	-		
Leith ...	30.26	45	W	4	6c	30.14	-12	50	48	+6	W	14	6cm	*	50	43	-		
†Shields ...	30.24	45	NW	4	6	30.18	-16	47	46	+2	W	5	0	3	47	42	-		
Spurn Head ...	30.33	44	W	4	6c	30.28	-07	43	42	0	W	14	6c	4	45	40	-		
York ...	30.36	45	W	3	0	30.30	-09	46	45	+3	W	3	0	*	47	43	-		
Loughborough...	30.42	44	WNW	3	0	30.38	-06	44	42	0	WSW	3	0	*	47	41	-		
†Ardrossan ...	30.33	46	W	3	0	30.22	-13	49	48	+3	W	4	0	3	49	44	0.02		
†Mullaghmore ...	30.41	45	WSW	5	0	30.39	-05	49	48	+4	WSW	5	0	2	49	44	0.02		
Donaghadee ...	30.40	45	NW	3	6c	30.33	-10	50	49	+6	NW	2	0	0	50	42	-		
Parsonstown ...	30.49	44	SSW	1	0	30.46	-08	50	49	+8	SW	1	0	0	50	41	0.02		
Barrow-in-Furness	30.38	45	W	3	0	30.32	-10	46	45	+1	SW	3	0	3	46	44	0.03		
Holyhead ...	30.46	45	WNW	3	0	30.41	-09	47	47	+2	W	2	0	3	48	43	-		
Liverpool (Bidston)	30.43	45	W	3	0	30.35	-09	47	46	+3	W	5	0	4	47	43	-		
Valencia ...	30.34	47	WNW	2	6c	30.57	-01	51	51	+8	NW	3	0	3	52	42	0.06		
Roche's Point ..	30.56	46	W	3	0	30.52	-06	49	48	+6	W	1	0	3	50	43	-		
Pembroke ...	30.50	46	WNW	3	0	30.48	-06	48	47	+2	W	5	0	3	48	45	-		
†Scilly ...	30.54	47	W	4	0	30.52	-05	48	46	0	NW	3	0	4	49	45	0.01		
Prawle Point ...	30.54	44	W	1	0	30.63	+03	42	41	0	WNW	1	0	1	45	38	-		
Hurst Castle ...	30.50	44	WNW	3	0	30.50	-03	42	42	+1	WNW	2	0	2	46	40	-		
†Dover ...	30.45	44	WNW	2	6c	30.44	-04	42	40	-1	WNW	3	0	1	47	41	-		
†London ...	30.45	43	W	1	0	30.45	-05	41	40	0	W	2	0	*	45	41	-		
Oxford ...	30.48	44	W	2	0	30.45	-05	41	40	0	W	1	0	*	45	40	-		
Cambridge ...	30.46	42	W	1	0	30.41	-03	42	40	0	WSW	1	0	*	45	40	-		
†Yarmouth ...	30.37	43	WNW	2	0	30.35	-05	41	40	+3	W	2	0	2	43	36	-		
The Helder ...	30.31	42	W	1	0	30.27	-06	42	41	+3	WNW	1	0	2	43	39	0.04		
Cape Griz Nez ...	30.45	45	NW	5	0	30.42	-3	44	41	+1	W	4	0	2	46	41	-		
†Jersey ...	30.54	47	WNW	3	0	30.52	-07	46	44	+4	WNW	1	0	1	47	42	0.04		
Brest ...	30.60	46	N	4	0	30.57	-04	45	43	0	N	3	0	3	48	45	0.04		
Lorient ...	30.50	46	WNW	3	0	30.59	-06	44	42	+1	N	3	0	?	50	36	-		
†Rochefort ...	30.67	44	NNE	3	6c	30.63	-05	43	42	+7	NE	3	0	2	50	34	-		
Biarritz ...	30.57	45	E	4	6	30.66	-03	36	34	0	E	3	0	2	55	30	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
Brussels ...	*	*	*	*	*	30.40	-03	42	41	+3	WSW	1	0	*	43	?	-		
Charleville ...	30.50	38	?	4	0	?	?	40	40	+4	?	5	0	*	?	?	-		
Paris ...	30.53	42	NW	1	0	30.54	-03	44	42	+7	NW	3	0	*	*	*	-		
Lyons ...	30.64	37	WNW	1	0	30.50	-06	36	34	+4	WNW	3	0	*	39	?	-		
Toulon ...	30.54	44	NW	3	6	30.39	+07	42	39	+3	E	1	0	2	50	39	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.10	40	W	3	0	29.03	-11	43	43	+3	WSW	4	0	*	43	39	0.03		

EXPLANATION OF COLUMNS.

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

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

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

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

Printed by D. J. Dyer, 116, Victoria Street, London.

WEATHER CHARTS

for 8 a.m. on Monday, 14th January, 1884.

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—

→ force above 10; → force 8 to 10;
→ force 5 to 7; → force 1 to 4;
○ = dead calm.

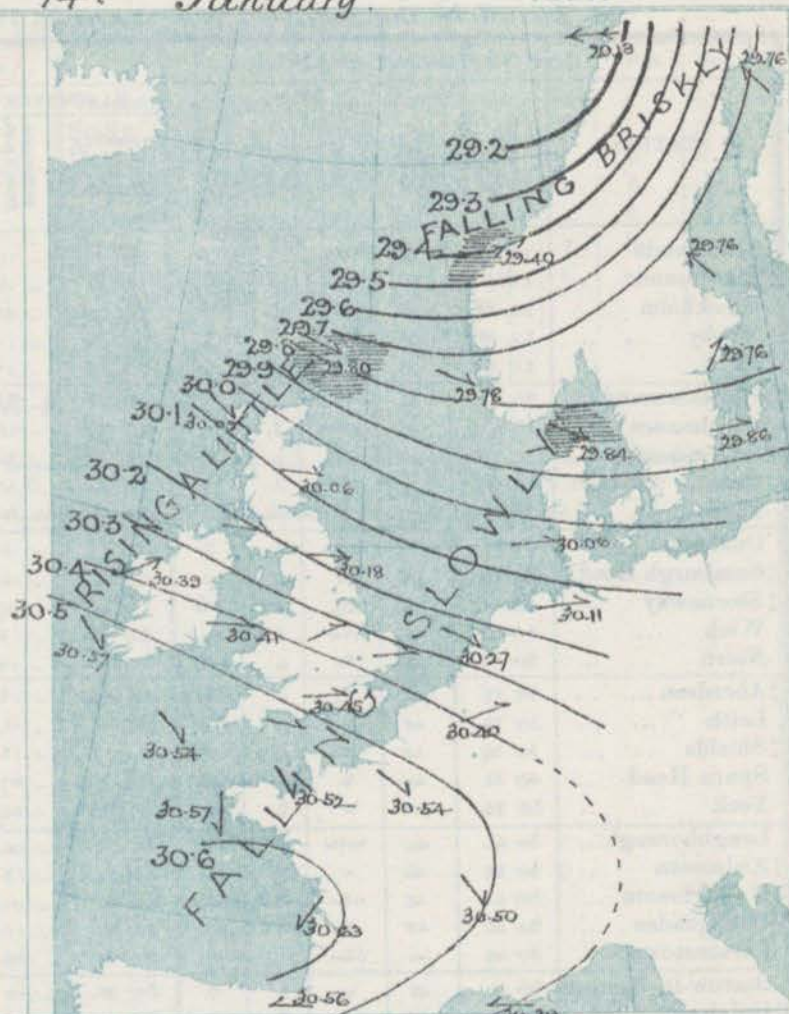
Sea Disturbance—where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.661
Stormway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.917
Donaghadee	29.838
Holyhead	29.815
Liverpool	29.806
Valencia	29.852
Roches Point	29.893
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.994
Cambridge	29.976
Yarmouth	29.961



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.

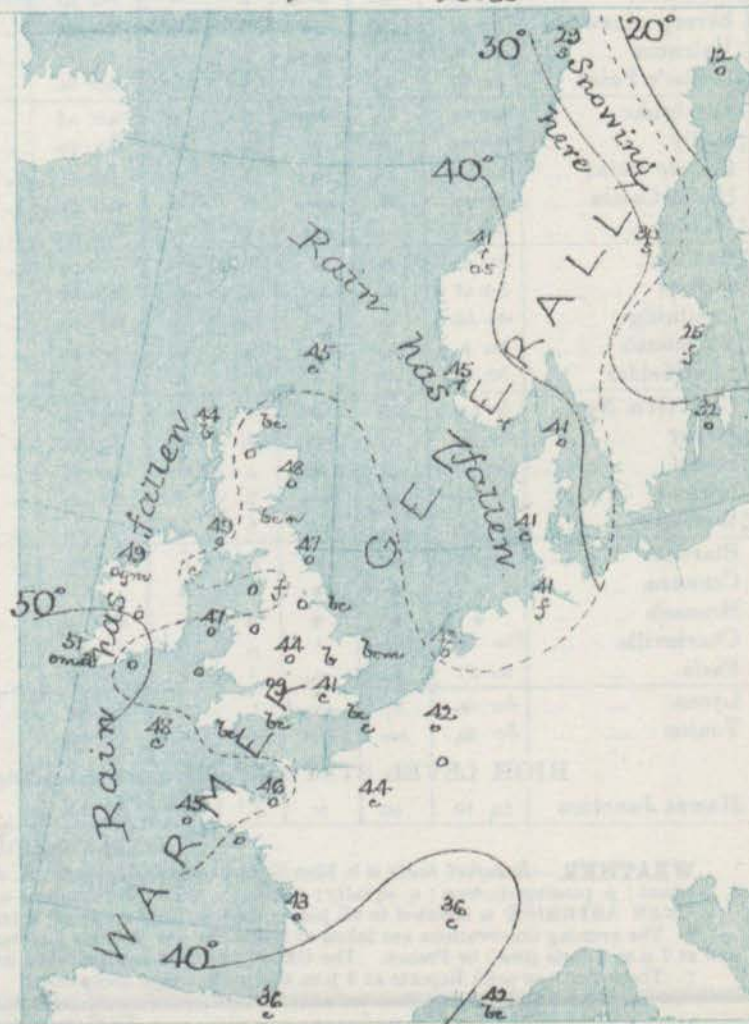
Rainfall—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January

STATIONS	TEMPERATURE		RAINFALL
	Dry Bulb	Wet Bulb	
Sumburgh Head	39.2	38.3	3.77
Stormway	38.9	37.6	5.70
Wick	37.9	36.5	1.00
Nairn	36.9	35.3	1.09
Aberdeen	37.3	36.7	2.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	4.98
York	36.9	35.9	1.88
Ardrossan	40.1	38.4	4.86
Donaghadee	39.7	38.6	3.03
Holyhead	41.7	40.5	3.73
Liverpool	40.9	37.3	2.45
Valencia	44.1	43.3	7.22
Roches Point	48.1	42.0	5.68
Pembroke	42.0	41.5	4.10
Scilly	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.74
Dover	39.6	38.4	3.03
LONDON	38.1	37.1	2.41
Oxford	37.6	36.6	7.53
Cambridge	36.5	35.7	7.64
Yarmouth	35.8	34.1	2.34

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 14th January

1884, at 8 a.m.

Since yesterday morning the anticyclone off our south-west coast has receded a little to the SE^W, while a depression has appeared over the north of Scandinavia. The effect of these movements is seen in a general fall of the barometer which although slight in most places has been rather more decided at the extreme northern stations than elsewhere. The wind is strong from the SE^W in the north of Scotland, and light from E. in the south of France, but in all other parts of our area it is moderate from west or north-west. The weather is fine on our extreme northern as well as on our southern and south-eastern coasts, but overcast in most other localities. Snow is falling at Rode and Hunsand and rain at Christiansund, Skudenes and Ossi. Temperature has risen a little generally, and readings now range from 51° at Valencia to 41° at Oxford, Yarmouth and in London.

The sea is rather rough at Bumburgh Head, moderate or smooth elsewhere.

The depression in the far north will probably be succeeded by other disturbances, some of which are likely to skirt the north of Scotland, occasioning fresh or strong W^W winds in that locality.

FORECASTS

For the 24 hours ending at NOON on 15th January 1884.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	W ^W winds, fresh or strong; fair to unsettled and some rain.	6 { SCOTLAND WEST	W ^W and SW ^W winds, moderate or fresh; cloudy, some rain.
1 { SCOTLAND EAST	W ^W winds, moderate or fresh; fair generally.	7 { ENGLAND N.W.	-----D-----D-----D-----
2 { ENGLAND N.E.	-----D-----D-----D-----	8 { ENGLAND S.W.	W ^W or NW ^W winds, moderate; cloudy.
3 { ENGLAND EAST	Same as No 5.	9 { IRELAND NORTH	Same as No 6 and 7.
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	Same as No 6 and 7.
5 { ENGLAND SOUTH	W ^W winds, moderate; fair generally.	WARNINGS	NO NE ISSUED.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.96	44	43	W 4	^	4	Valencia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						*
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rocheport	29.62	47	45	SW 3	6	1
Holyhead													

REMARKS.

DAILY WEATHER REPORT

for *Tuesday* 15th January 1884.

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	Shade Temp.	Max.	Min.	Amount of Rainfall.
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).						
Haparanda	29.66	5	SE	6	bc		29.77	+ 01	7	7	- 5	ESE	2	5	*	12	5	0.12	
Hernösand ...	29.39	27	Z	0	0		29.67	+ 06	31	30	+ 1	NW	2	6c	*	?	7	0.12	
Stockholm ...	29.39	33	N	2	8		29.70	- 06	31	29	+ 6	N	4	6	*	34	19	0.12	
Wisby ...	29.42	37	NW	6	h		29.61	- 25	36	34	+ 4	N	8	6c	*	39	32	0.20	
Bodö ...	29.24	29	E	4	bc		29.57	+ 44	33	31	+ 4	WNW	6	c	*	?	27	-	
Christiansund ...	29.64	40	WNW	7	0		29.84	+ 44	35	34	- 6	SW	4	5	*	?	32	0.24	
† Skudesnaes ...	?	42	NW	8	0		30.08	+ 30	40	39	- 5	Z	0	of	*	45	?	-	
Oxö (Klansund) ...	29.76	42	WNW	6	6		30.04	+ 24	40	39	- 1	N	4	c	*	45	37	-	
Skagen (The Skaw)	29.70	40	WNW	6	6		29.99	+ 15	39	36	- 2	NNW	8	6	*	45	39	-	
Fanö ...	29.97	41	N	5	6		30.14	+ 08	40	39	- 1	NNW	5	6	*	41	39	0.04	
Cuxhaven ...	29.93	41	N	5	6c		30.18	+ 07	41	41	0	NW	5	c	*	43	37	0.02	
† Sumburgh Head	30.00	43	WNW	1	6		30.09	+ 29	46	45	+ 1	N	4	0	*	47	40	0.07	
† Stornoway ...	30.21	48	N	4	om		30.35	+ 26	48	48	+ 4	N	4	om	*	48	40	0.01	
Wick ...	30.15	44	NW	3	0		30.30	+ 30	47	46	+ 4	N	1	0	*	48	40	-	
Nairn ...	30.21	47	N	5	0		30.37	+ 31	47	45	0	N	2	c	*	48	45	0.02	
† Aberdeen ...	30.22	45	NW	3	0		30.34	+ 28	49	45	+ 1	WNW	5	6	*	51	45	-	
Leith ...	30.29	49	N	5	6c		30.44	+ 30	47	45	- 3	NW	5	6c	*	52	45	-	
† Shields ...	30.31	49	N	5	6m		30.42	+ 24	47	45	0	N	5	6c	*	57	45	-	
Spurn Head ...	30.29	46	N	4	6		30.44	+ 16	44	44	+ 1	WNW	4	6c	*	47	41	-	
York ...	30.33	48	N	1	6c		30.49	+ 19	44	43	- 2	N	1	6	*	52	43	-	
Loughborough...	30.37	49	WNW	4	0		30.52	+ 14	48	46	+ 4	WNW	4	om	*	51	43	-	
† Ardrossan ...	30.35	48	N	4	0		30.53	+ 31	48	47	- 1	N	2	0	*	49	45	-	
† Mullaghmore ...	30.51	48	N	5	om		30.52	+ 23	46	46	- 3	WSW	2	om	*	49	44	0.07	
Donaghadee ...	30.46	50	WNW	5	0		30.59	+ 26	46	45	- 4	NW	2	0	*	50	46	-	
Parsonstown ...	30.55	49	WSW	1	0		30.67	+ 21	45	44	- 5	NW	1	0	*	51	44	-	
Barrow-in-Furness	30.39	46	NNW	3	6c		30.65	+ 23	46	45	0	NW	2	om	*	48	45	-	
† Holyhead ...	30.46	49	WNW	3	0		30.61	+ 20	46	45	- 1	WNW	2	0	*	50	45	-	
Liverpool (Bidston)	30.42	47	N	4	0		30.57	+ 22	45	45	- 2	N	3	0	*	48	45	-	
Valencia ...	30.62	50	NW	2	om		30.68	+ 11	48	48	- 3	N	1	om	*	53	47	0.08	
Roche's Point ..	30.58	50	WNW	4	c		30.66	+ 14	47	46	- 2	NNE	3	0	*	53	46	-	
Pembroke ...	30.52	49	WNW	2	0		30.61	+ 13	47	47	- 1	N	1	cw	*	50	46	-	
† Scilly ...	30.54	50	NW	4	of		30.62	+ 08	50	46	+ 2	NNE	2	0	*	50	46	0.01	
Prawle Point ...	30.51	48	NW	2	0		30.62	+ 09	47	46	+ 5	WNW	1	0	*	48	40	0.01	
Hurst Castle ...	30.49	46	WNW	3	6c		30.59	+ 09	47	46	+ 5	NNE	1	c	*	44	41	-	
† Dover ...	30.33	47	WSW	2	c		30.54	+ 10	44	43	+ 2	N	3	6c	*	48	41	-	
† London...	30.41	48	N	2	c		30.56	+ 11	43	42	+ 2	Z	0	fg	*	50	39	-	
Oxford ...	30.45	50	WSW	4	0		30.56	+ 11	49	48	+ 8	N	2	c	*	50	41	-	
Cambridge ...	30.42	48	N	1	0		30.53	+ 12	43	43	+ 1	NW	1	0	*	50	40	-	
† Yarmouth ...	30.29	47	WNW	3	0		30.48	+ 13	40	39	- 1	WNW	2	6f	*	47	38	-	
The Holder ...	30.21	44	WNW	2	h		30.38	+ 11	43	42	+ 1	NW	1	6c	*	45	43	0.08	
Cape Griz Nez...	30.38	46	N	5	0		?	?	45	45	+ 1	NW	4	m	*	46	43	-	
† Jersey ...	30.53	48	WNW	3	og		30.58	+ 06	49	49	+ 3	NNE	2	om	*	49	44	-	
Brest ...	30.58	47	NNE	3	0		30.58	+ 01	44	?	- 1	NNE	1	0	*	50	41	-	
Lorient ...	30.56	47	NW	3	0		30.60	+ 01	47	46	+ 3	NW	3	0	*	50	41	-	
† Rochefort ...	30.59	46	NNE	4	0		30.65	+ 02	46	45	+ 3	N	3	0	*	50	36	-	
Biarritz ...	30.51	45	NNE	1	0		30.58	+ 02	43	41	+ 7	E	1	0	*	55	32	-	
Corunna ...	?	?	?	?	?		?	?	43	42	+ 1	NW	3	c	*	46	?	0.08	
Brussels ...	?	?	?	?	?		30.45	+ 05	43	40	+ 4	N	5	0	*	?	39	0.08	
Charleville ...	30.45	38	N	4	0		30.42	?	44	40	+ 4	N	5	0	*	?	39	0.08	
Paris ...	30.56	46	NW	3	f		30.58	+ 04	47	46	+ 3	WSW	3	0	*	?	?	-	
Lyons ...	30.50	40	NNW	3	0		30.50	- 00	39	37	+ 3	NW	1	0	*	42	?	-	
Toulon ...	30.39	46	Z	0	6c		30.34	- 05	40	36	- 2	NW	4	c	*	52	37	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.12	45	N	3	0		29.26	+ 23	42	42	- 1	N	2	0	*	45	41	0.02	

EXPLANATION OF COLUMNS.

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

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

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

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

WEATHER CHARTS

for 8 a.m. on Tuesday 15th January

1884.

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.

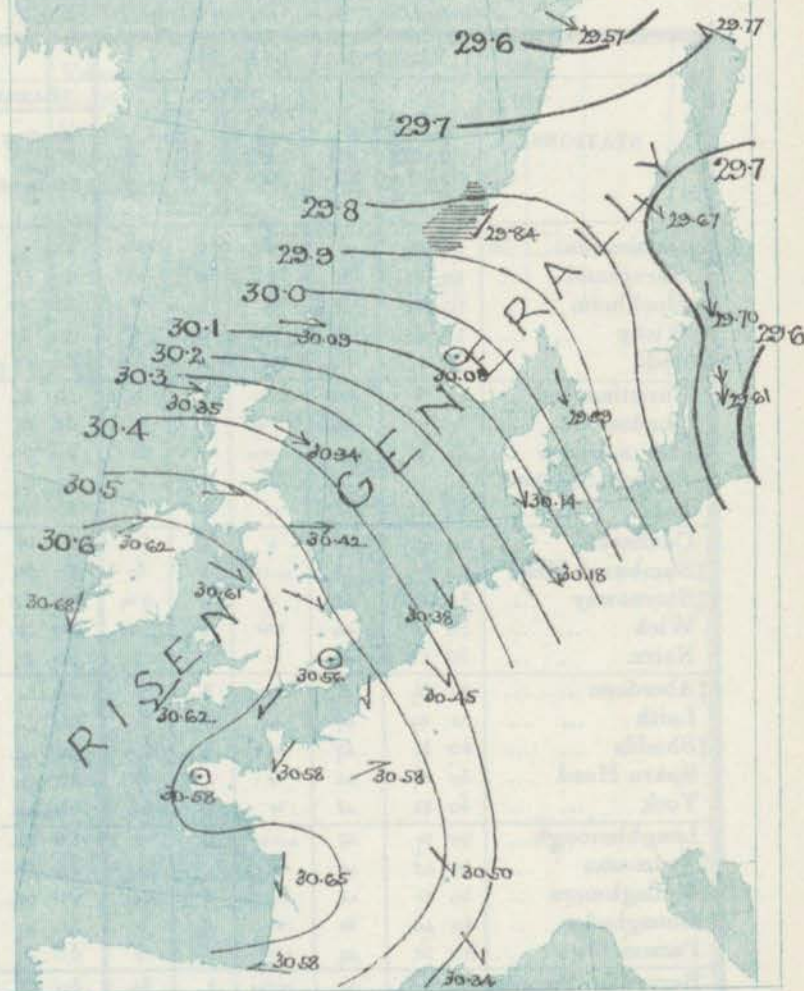
Sea Disturbance — where considerable is shown thus

— Rough, — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of January.
During the 10 years 1871-1880.

STATIONS.	MEAN READINGS
Sunbury Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.977
Donaghadee	29.828
Holyhead	29.815
Liverpool	29.906
Valencia	29.852
Roches Point	29.903
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.887
Oxford	29.979
Cambridge	29.976
Yarmouth	29.964



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 AT 8 A.M., AND RAINFALL.

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sunbury Head	39.2	30.3	3.72
Stornoway	36.9	37.6	6.28
Wick	37.8	36.5	1.80
Nairn	36.0	35.3	1.09
Aberdeen	37.3	35.7	2.42
Leith	38.2	37.2	2.02
Shields	37.5	36.6	1.88
York	36.9	35.9	1.88
Ardrossan	40.1	30.4	4.86
Donaghadee	39.7	30.8	3.03
Holyhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.45
Valencia	44.1	43.3	7.32
Roches Point	45.1	42.0	5.68
Pembroke	42.8	41.3	4.13
Scilly	46.5	45.0	4.24
Hurst Castle	40.7	30.0	3.98
Dover	39.6	38.4	3.03
LONDON	38.1	37.1	2.47
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.64
Yarmouth	37.8	37.1	2.24

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



for Tuesday 15th January 1884, at 8 a.m.

There is no sign of the approach of any depression towards our coasts, and the present conditions are therefore likely to continue for a time.

for the 24 hours ending at NOON on 16th January. 1884.
(Issued at 11 a.m. on the previous day.)

David Detapierfeld, Lith. London, 1834.

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.81	44	41	WNW	6	0	4	Valencia	30.60	52	52	WNW	3	0 m	3
Sumburgh Head	29.90	44	40	WNW	5	0	6	Scilly	30.54	50	50	WNW	3	0	4
Stornoway	30.19	46	44	W	4	0 m	3	Dover	30.89	47	45	W	3	0	1
Aberdeen	30.14	47	44	NW	4	0	1	London	30.41	50	46	W	3	0 m	4
Shields	30.20	51	48	W	4	0 m	2	Yarmouth	30.30	46	45	WNW	3	0 m	3
Ardrossan	30.30	49	48	W	5	0	3	Jersey	30.52	49	47	NW	2	0	2
Mullaghmore	30.46	48	48	W	4	0 m	3	Rochefort	30.62	46	45	NW	4	0	2
Holyhead	30.43	49	48	WNW	3	0	4								

REMARKS.

The barometer is rising at all but our S.E. stations, but the winds are very little changed. The weather is fine on the E. coasts of Great Britain, but dull and misty in the N., with rain at Mullaghmore.

Summary of Changes in the Weather
over the

British Islands and their Neighbourhood
from 6th to 12th January 1884

The centre of the depression noticed at the end of last week's Summary lay over the Shetland Isles at 8 a.m. on the 6th, and having reached that position began to move in an E^{ly} & S.E.^{ly} direction, till at 6 p.m. on the 7th it was found near Wisby, & had almost filled up. In its rear the wind drew into W. & NW, temperature fell several degrees, for a time the weather over the British Isles became fairer, and bright sunsets & sunrises were again observed. On the 8th pressure was highest (30.7 in.) in the NW. of Spain, and lowest off our NW. coasts, but a second (and feeble) high pressure area appeared to be lying within the Arctic Circle. The low pressure system in the NW. gradually advanced to the NE^{ly} & E^{ly}, and spread over the whole of N. Europe. The wind on our coasts consequently returned to SW. & W., temperature rose & clouds increased. Except in the N. & NW., however, the weather was dry & tranquil. Very little change occurred till the 11th, when in the rear of a subsidiary depression, which passed over Scotland in an E^{ly} direction, the barometer rose rapidly - first in the W. & then in the N.; the wind again veered to the NW^{ly} generally, temperatures fell fast, snow showers occurred in the N., & hail or rain showers elsewhere. The sky then cleared & with this (NW^{ly}) type of weather the week closed.

DAILY WEATHER REPORT

for *Wednesday 16th January 1884.*

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

† YESTERDAY EVENING.										8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Weather	Sea. (6 to 9).	SHADE TEMP.		Amount of Rainfall.					
			Dir.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)			Max.	Min.						
Haparanda	29.65	10	S	2	0	29.61	- .16	10	10	+ 3	E	2	S	*	10	1	0.04					
Hernösand ...	29.64	31	SSE	6	8	29.56	- .11	37	34	+ 6	WNW	6	G	*	?	14	0.04					
Stockholm ...	29.84	26	SW	2	6	29.71	+ .01	34	32	+ 3	W	4	G	*	32	25	-					
Wisby ...	29.86	35	NW	6	6	29.75	+ .14	40	38	+ 4	WNW	8	G	*	?	34	-					
Bodö ...	29.25	29	E	8	0	29.52	- .05	32	31	- 1	W	8	S	*	?	25	-					
Christiansund ...	29.71	?	WNW	9	A	29.90	+ .06	40	39	+ 5	WNW	4	A	5	45	32	0.24					
† Skudesnaes ...	30.16	46	WNW	6	0	30.19	+ .11	46	45	+ 6	WNW	6	0	4	46	?	-					
Oxö (Xilansund) ...	30.01	45	W	6	C	30.05	+ .01	45	43	+ 5	WNW	6	0	3	45	?	-					
Skagen (The Skaw) ...	29.96	44	WNW	5	C	30.00	+ .01	43	42	+ 4	WNW	6	C	6	45	39	-					
Fanö ...	30.20	43	WNW	6	0	30.23	+ .09	44	43	+ 4	WNW	6	C	*	?	39	-					
Cuxhaven ...	30.29	43	WNW	5	0	30.30	+ .12	44	44	+ 3	WNW	5	C	*	?	40	-					
† Sumburgh Head ...	30.17	48	W	5	C	30.23	+ .14	46	45	0	W	4	C	5	49	45	-					
† Stornoway ...	30.41	48	W	4	0 m	30.41	+ .06	48	46	0	SEW	4	0	3	49	44	-					
Wick ...	30.37	48	NW	2	0	30.40	+ .10	47	45	0	W	2	C	1	51	44	-					
Nairn ...	30.41	50	W	2	0	30.43	+ .06	47	44	0	W	3	C	2	51	46	-					
† Aberdeen ...	30.42	52	W	3	6	30.47	+ .13	46	43	- 3	WNW	1	C	1	55	45	-					
Leith ...	30.52	50	W	2	m	30.51	+ .07	47	45	0	W	2	C	*	50	45	-					
† Shields ...	30.55	47	WNW	3	m	30.56	+ .14	47	46	0	WNW	3	C	2	50	45	-					
Spurn Head ...	30.52	44	WNW	3	6	30.56	+ .12	44	43	0	WNW	3	C	2	45	40	-					
York ...	30.56	44	W	1	6	30.60	+ .11	45	44	+ 1	W	2	C	*	52	40	-					
Loughborough ...	30.59	43	W	2	6	30.61	+ .09	42	42	- 6	W	0	C	*	49	35	-					
† Ardrossan ...	30.57	48	W	2	0	30.56	+ .03	46	45	- 2	W	1	C	1	48	45	0.02					
† Mullaghlmore ...	30.63	47	SSW	3	0 m	30.57	- .05	43	42	- 3	SSW	1	0 m	0	47	40	-					
Donaghadee ...	30.63	48	WNW	2	C	30.60	+ .01	42	42	- 4	W	1	C	0	50	42	-					
Parsonstown ...	30.68	45	W	1	0	30.62	- .05	41	40	- 4	E	1	C	*	45	40	-					
Barrow-in-Furness ...	30.60	46	NW	2	0	30.58	+ .03	44	44	- 2	WNW	2	0	2	49	?	-					
† Holyhead ...	30.66	46	W	1	0	30.63	+ .02	45	44	- 1	W	0	1	0	47	43	-					
Liverpool (Bidston) ...	30.62	44	W	2	6	30.63	+ .06	42	41	- 3	W	2	0	2	46	42	-					
† Valencia ...	30.65	46	E	1	0 m	30.55	- .13	46	45	- 2	E	3	0	3	48	45	-					
Roche's Point ..	30.67	46	N	3	0	30.63	- .03	45	45	- 2	SE	2	WNW	4	49	43	0.08					
Pembroke ...	30.65	44	WNW	1	0	30.64	+ .03	44	42	- 3	W	0	0	0	48	43	-					
† Scilly ...	30.63	49	NNE	1	0 m	30.61	- .01	47	46	- 3	ESE	1	0 m	2	50	45	0.03					
Prawle Point ...	30.64	47	W	0	0	30.65	+ .03	44	43	- 3	W	0	0	0	48	43	-					
Hurst Castle ...	30.62	48	NW	2	0	30.65	+ .04	43	42	- 4	NNE	1	0	1	51	42	-					
† Dover ...	30.57	48	NW	1	0 m	30.60	+ .06	42	41	- 2	N	2	C	1	50	41	-					
† London ...	30.59	48	NW	1	0	30.64	+ .08	38	38	- 5	WNW	1	1	*	52	37	-					
Oxford ...	30.63	44	NW	2	C	30.64	+ .08	42	41	- 7	WNW	1	0 m	*	50	39	-					
Cambridge ...	30.59	42	W	1	6	30.62	+ .09	38	38	- 5	W	1	0	*	50	32	-					
† Yarmouth ...	30.52	43	NW	2	6	30.57	+ .09	42	42	+ 2	WNW	2	C	2	48	37	-					
The Helder ...	30.46	43	WNW	1	6	30.49	+ .11	43	42	0	W	1	C	2	45	43	-					
Cape Griz Nez ...	30.56	46	NW	1	m	30.60	?	44	43	- 1	WNW	1	C	1	48	43	-					
† Jersey ...	30.63	48	N	1	0 m	30.63	+ .05	46	46	- 3	WNW	1	0 m	1	50	45	-					
Brest ...	30.63	50	NNE	3	0	30.62	+ .02	47	44	0	ESE	4	0	1	50	43	-					
Lorient ...	30.63	48	NE	4	m	30.66	+ .01	39	39	- 7	NE	5	1	0	52	34	-					
† Rochefort ...	30.55	47	E	1	0	30.52	- .06	44	42	+ 1	E	1	0	1	57	41	-					
Biarritz ...	30.55	47	E	1	0	30.52	- .06	44	42	+ 1	E	1	0	1	57	41	-					
Corunna ...	30.55	47	E	1	0	30.52	- .06	44	42	+ 1	E	1	0	1	57	41	-					
Brussels ...	30.55	47	E	1	0	30.52	- .06	44	42	+ 1	E	1	0	1	57	41	-					
Charleville ...	30.55	47	E	1	0	30.52	- .06	44	42	+ 1	E	1	0	1	57	41	-					
Paris ...	30.55	47	E	1	0	30.52	- .06	44	42	+ 1	E	1	0	1	57	41	-					
Lyons ...	30.55	47	E	1	0	30.52	- .06	44	42	+ 1	E	1	0	1	57	41	-					
Toulon ...	30.55	47	E	1	0	30.52	- .06	44	42	+ 1	E	1	0	1	57	41	-					
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	29.98	44	W	1	0	29.31	+ .05	41	41	- 1	W	3	1	*	45	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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

† These Stations send Reports at 2 p.m. daily (Sundays excepted). || Received too late for insertion in Charts.

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 16TH JANUARY 1884.

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 3 to 4;
○ = dead calm.

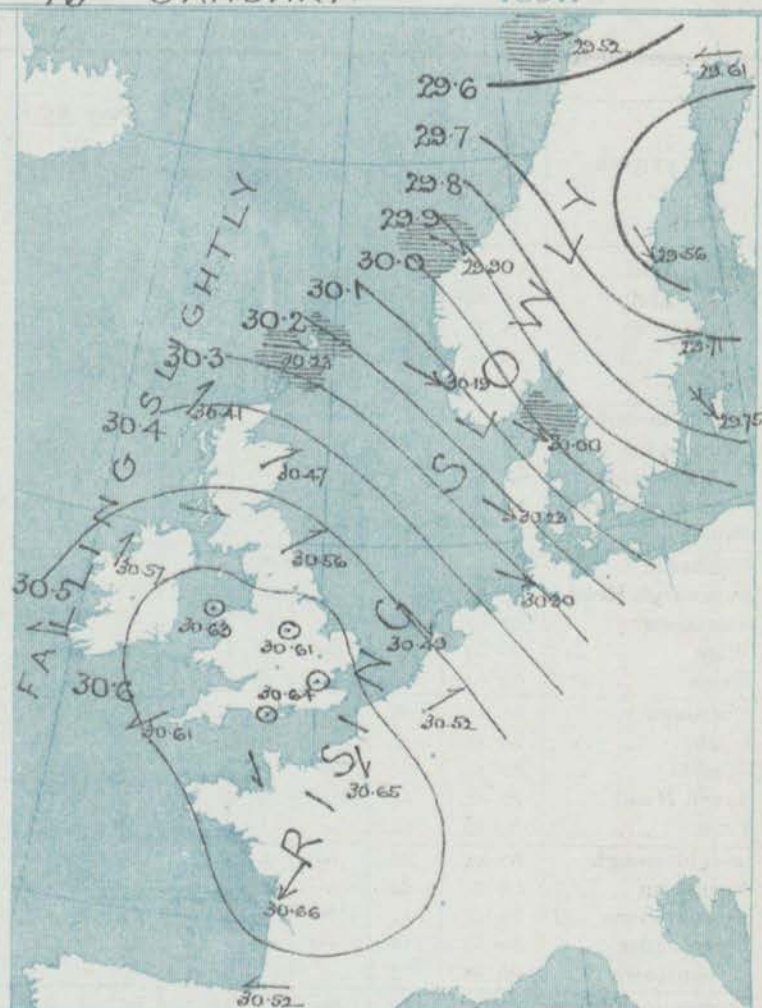
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.681
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.783
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.877
Donaghadee	29.828
Holyhead	29.825
Liverpool	29.906
Valencia	29.852
Roches Point	29.883
Pembroke	29.913
Scilly	29.853
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.979
Cambridge	29.976
Yarmouth	29.964



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.

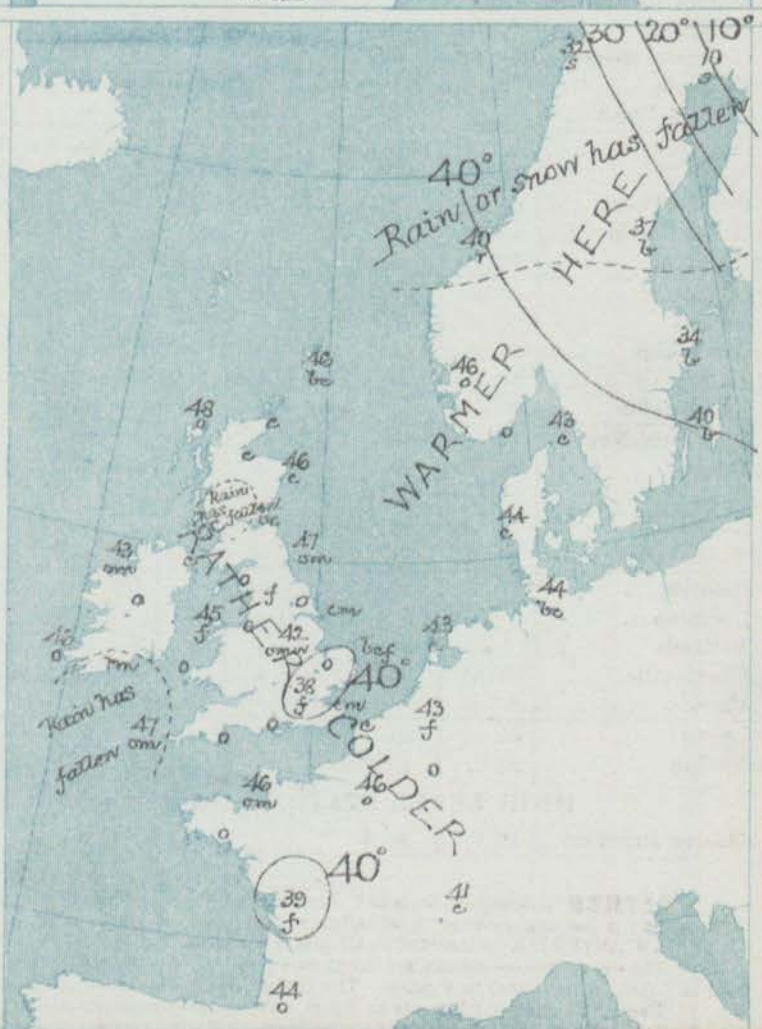
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	39.2	38.3	3.72
Stornoway	38.8	37.6	5.78
Wick	37.9	36.5	1.80
Nairn	36.9	35.3	1.09
Aberdeen	37.3	36.7	2.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	1.88
York	36.9	35.9	1.88
Ardrossan	40.1	38.4	4.86
Donaghadee	39.7	38.8	3.03
Holyhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.46
Valencia	44.1	43.3	7.22
Roches Point	42.1	42.0	5.68
Pembroke	42.8	41.3	4.13
Scilly	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.88
Dover	39.6	38.4	3.03
LONDON	38.1	37.1	2.41
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.64
Yarmouth	37.8	37.1	2.24

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 16th JANUARY. 1884. at 8 a.m.

The area of high pressure noticed over our western coast yesterday has moved slowly eastwards, and now embraces the greater part of England and France. The barometer has therefore continued to rise at all our more eastern stations, as well as on the eastern shores of the North Sea, while in Ireland a slight fall has set in. Strong N.W. winds are reported over Scandinavia and Denmark, and light breezes from the same quarter in the east and south-east of England, but on our south-west coast the wind is E. or S.E., while at the more Central stations it is very variable. The weather is fine in Sweden and the east of Scotland, but overcast elsewhere, with fog and mist in many places, and rain at Rock's Point. Temperature has fallen a little at most of the English and Irish stations, and readings over our Islands now range from 48° at Stromsø, and 47° at Wick, Naun and Scilly to 3° in London and at Cambridge. Maxima exceeding 50° were registered yesterday at several of our stations; at Aberdeen the thermometer rose to 55°. Sea is rough at Simsbury H., slight or smooth elsewhere.

The fall of the barometer which is approaching over Ireland will probably result in a freshening S.E. winds and rainy weather on our western coasts. In the eastern and south eastern districts no great change is likely at present.

FORECASTS

for the 24 hours ending at NOON on 17th JANUARY 1884.

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	W ^{ly} and SW ^{ly} winds, fresh; fair to unsettled and some rain.
1	SCOTLAND EAST	W ^{ly} and SW ^{ly} winds, light; fair generally but local mists.
2	ENGLAND N.E.	-----D°-----D°-----D°-----
3	ENGLAND EAST	Same as No 5
4	MIDLAND COUNTIES	Same as No 5.
5	ENGLAND SOUTH	Light variable airs; dull, gloomy, foggy.

6	SCOTLAND WEST	W ^{ly} to SW ^{ly} winds, moderate; dull generally, probably some rain.
7	ENGLAND N.W.	-----D°-----D°-----D°-----
8	ENGLAND S.W.	E ^{ly} and SE ^{ly} winds, moderate; dull generally.
9	IRELAND NORTH	SW ^{ly} winds, light to fresh; dull. some mist and rain.
10	IRELAND SOUTH	SE ^{ly} winds, freshening; dull some mist and rain.

WARNINGS

NONE ISSUED.

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	30.10	45	45	W.W.W.	6	0	4	Valencia	30.68	48	47	W.W.	1	0.00	1
Sumburgh Head	30.13	49	47	W	5	0	5	Scilly	30.63	49	48	W.W.W.	1	0	3
Stornoway	30.40	49	49	W	5	0.00	4	Dover	30.85	49	49	W.W.	1	0.00	0
Aberdeen	30.40.	51	47	W.W.W.	3	62	2	London	30.57	52	48	W.W.W.	2	0	*
Shields	30.49	50	47	W.W.W.	4	6	2	Yarmouth	30.50	48	46	W.W.W.	2	6m	2
Ardrossan	30.55	48	48	W.W.W.	2	0	2	Jersey	30.61	40	48	W	2	e	2
Mullaghmore	30.64	46	46	W.W.W.	3	0.00	2	Rochefort	30.64	48	47	W	4	m	2
Holyhead	30.62	46	45	W.W.W.	2	0	2								

REMARKS.

The barometer continues to rise in most places, with dull, misty weather in the W, but fine, bright, and very mild weather in the E. The wind shows no important change since the morning. The sea is smooth at Holyhead and Dover.

DAILY WEATHER REPORT

for *Thurs-day 17th January 1884.*

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

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			Dir.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)			Max.	Min.	Amount of Rainfall.		
Haparanda	29.89	1	E	2	bc	?	?	-13	-13	-23	NE	2	6	*	10	?	-		
Hernösand ...	29.88	30	Z	0	bc	30.01	+145	25	23	-12	Z	0	bc	*	39	25	-		
Stockholm ...	29.88	35	NW	6	bc	30.06	+35	29	26	-5	N	2	bc	*	37	25	-		
Wisby ...	29.82	38	NW	6	bc	29.97	+22	35	32	-5	NE	6	bc	*	41	34	-		
Bodö	29.73	31	NW	6	bc	29.94	+42	28	27	-4	E	2	0	*	34	27	-		
Christiansund ...	30.01	44	W	3	bc	30.04	+14	44	43	+4	W	8	bc	5	45	37	1.02		
† Skudesnaes ...	30.27	47	WNW	6	bc	?	?	45	44	-1	W	4	bc	4	46	?	0.04		
Oxö (Xtiansund) ...	30.11	45	W	6	bc	30.19	+14	45	42	0	WNW	2	0	2	45	41	-		
Skagen (The Skaw)	30.04	43	NW	6	bc	30.15	+15	41	40	-2	NW	4	0	3	46	37	-		
Fanö ...	30.30	42	NW	6	bc	30.35	+12	42	41	-2	WNW	5	0	*	45	41	-		
Cuxhaven ...	30.36	44	WNW	5	bc	30.42	+12	44	44	0	WNW	4	bc	*	45	40	-		
† Sumburgh Head	30.27	46	W	4	bc	30.23	-00	46	45	0	W	5	0	5	47	42	0.07		
† Stornoway ...	30.37	47	SW	5	bc	30.28	-13	46	46	-2	S	5	bc	4	48	44	0.01		
Wick ...	30.36	45	NW	3	bc	30.33	-97	43	42	-4	SE	1	bc	1	49	35	-		
Nairn ...	30.40	46	W	4	bc	30.36	-07	44	42	-3	W	1	bc	1	49	44	-		
† Aberdeen ...	30.44	40	SW	1	bc	30.39	-08	33	32	-13	WSW	1	bc	1	48	31	-		
Leith ...	30.51	45	WSW	2	bc	30.44	-07	44	43	-3	NW	1	bc	*	50	42	-		
† Shields ...	30.56	45	WSW	2	bc	30.49	-07	43	42	-4	WSW	2	bc	2	48	41	-		
Spurn Head ...	30.57	44	WNW	3	bc	30.52	-02	39	39	-5	WSW	4	0	2	45	36	-		
Yerik ...	30.60	43	WSW	1	bc	30.54	-06	43	41	-2	W	1	bc	*	48	40	-		
Loughborough...	30.62	37	Z	0	bc	30.59	-02	39	38	-3	WSW	2	bc	*	48	37	-		
† Ardrossan ...	30.58	43	SW	3	bc	30.47	-09	45	44	-1	SSW	2	0	2	48	41	-		
† Mullaghmore ...	30.54	42	SW	2	bc	30.42	-15	48	46	+5	SSW	5	0	3	48	42	-		
Donaghadee ...	30.58	42	W	1	bc	30.50	-10	44	43	+2	WSW	1	0	0	44	39	-		
Parsonstown ...	30.58	44	SW	1	bc	30.51	-11	46	45	+5	SE	1	0	*	46	40	-		
Barrow-in-Furness	30.59	44	SSW	2	bc	30.51	-07	43	43	-1	S	3	bc	3	45	41	0.03		
† Holyhead ...	30.60	44	SSW	2	bc	30.55	-08	45	44	0	SSW	2	0	3	45	42	0.04		
Liverpool (Bidston)	30.62	40	SSW	1	bc	30.55	-08	40	40	-2	SSW	2	bc	2	42	37	0.01		
† Valencia ...	30.82	49	SE	6	bc	30.48	-07	51	50	+5	S	6	0	6	52	45	0.09		
Roche's Point ..	30.58	47	S	3	bc	30.53	-10	48	47	+3	SSW	3	0	4	50	42	0.10		
Pembroke ...	30.62	43	SSW	1	bc	30.58	-06	46	45	+2	SSW	2	0	1	46	42	-		
† Scilly ...	30.59	47	SE	2	bc	30.58	-08	49	46	0	S	1	0	2	49	45	0.01		
Prawle Point ...	30.65	44	N	1	bc	30.62	-03	45	43	+1	SSW	1	0	0	45	42	-		
Hurst Castle ...	30.64	42	NE	1	bc	30.63	-00	42	41	-1	Z	0	bc	1	48	40	-		
† Dover ...	30.63	43	Z	0	bc	30.63	+03	38	37	-4	W	1	0	0	49	35	-		
† London ...	30.65	41	NW	1	bc	30.63	-01	40	39	+2	WSW	1	bc	*	42	38	-		
Oxford ...	30.66	43	NW	1	bc	30.61	-03	41	40	-1	W	1	bc	*	44	41	-		
Cambridge ...	30.68	41	Z	0	bc	30.59	-03	41	40	+3	W	1	0	*	49	37	-		
† Yarmouth ...	30.59	45	WNW	2	bc	30.57	-00	40	39	-2	W	1	bc	2	47	34	0.01		
The Helder ...	30.55	42	WNW	1	bc	30.54	+05	41	41	-2	WNW	1	bc	1	45	41	-		
Cape Griz Nez...	30.61	41	Z	0	bc	30.64	+04	38	38	-6	NW	1	bc	0	48	37	-		
† Jersey ...	30.64	46	ENE	1	bc	30.63	-00	43	41	-3	NE	1	bc	1	47	42	-		
Brest ...	30.64	44	ESE	1	bc	30.51		44	42		SSW	3	0	3	50	41	-		
Lorient ...																			
† Rochefort ...	30.64	45	E	4	bc	30.61	-05	41	41	+2	E	7	bc	2	52	32	-		
Biarritz ...	30.48	46	E	3	bc	30.47	-05	41	39	-3	S	1	bc	1	52	37	-		
Corunna ...																			
Brussels ...						30.51	+09	43	42	0	WNW	3	0	*	48	42	0.04		
Charleville ...	30.60	43	W	4	bc	30.58	+03	42	40	-1	W	4	0	*	50	41	-		
Paris ...	30.67	49	NNW	1	bc	30.68	+03	43	42	-3	NNW	3	bc	*			-		
Lyons ...	30.52	42	N	4	bc	30.54	+02	38	37	-3	N	4	0	*	46	37	-		
Toulon ...	30.39	48	W	4	bc	30.43	+07	45	42	-2	Z	0	bc	1	57	45	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.31	39	W	3	bc	29.25	-06	38	38	-3	W	4	bc	*	42	36	0.02		

EXPLANATION OF COLUMNS.

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

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

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

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

Received too late for insertion in Charts.

Printed by Dangerfield, Ltd. London.

WEATHER CHARTS

for 8 a.m. on *Thursday, 17th January, 1884.*

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.

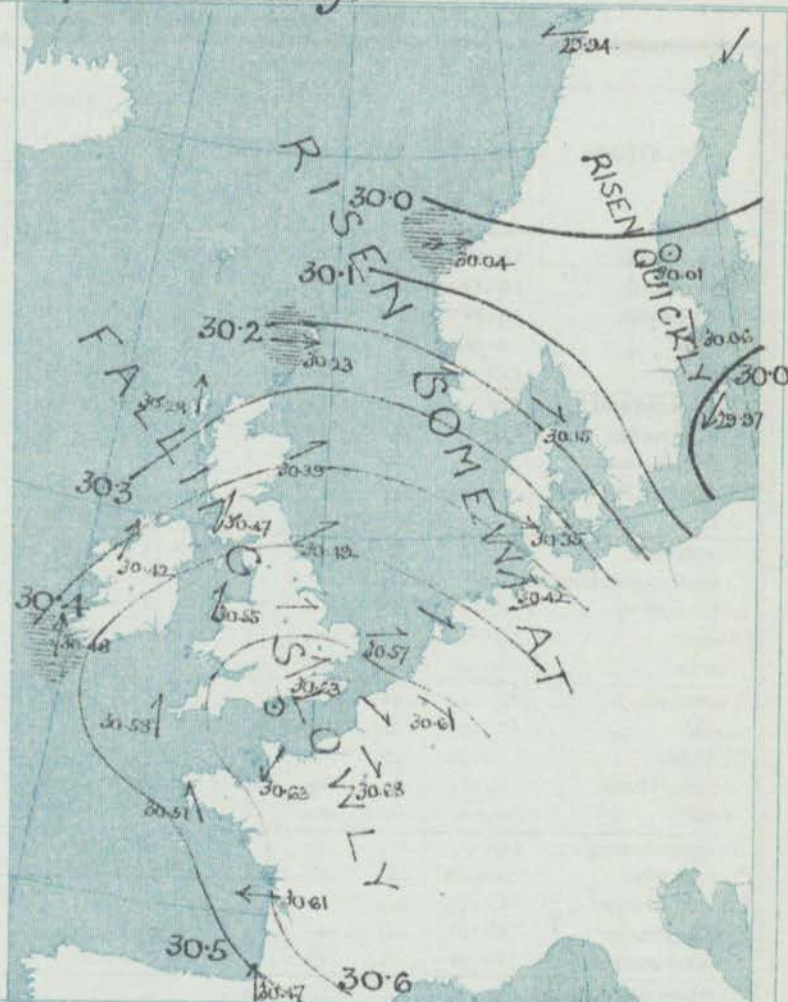
Sea Disturbance — where considerable is shown thus

■ — Rough. ■ — High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.739
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.877
Donaghadee	29.878
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Sully	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



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.

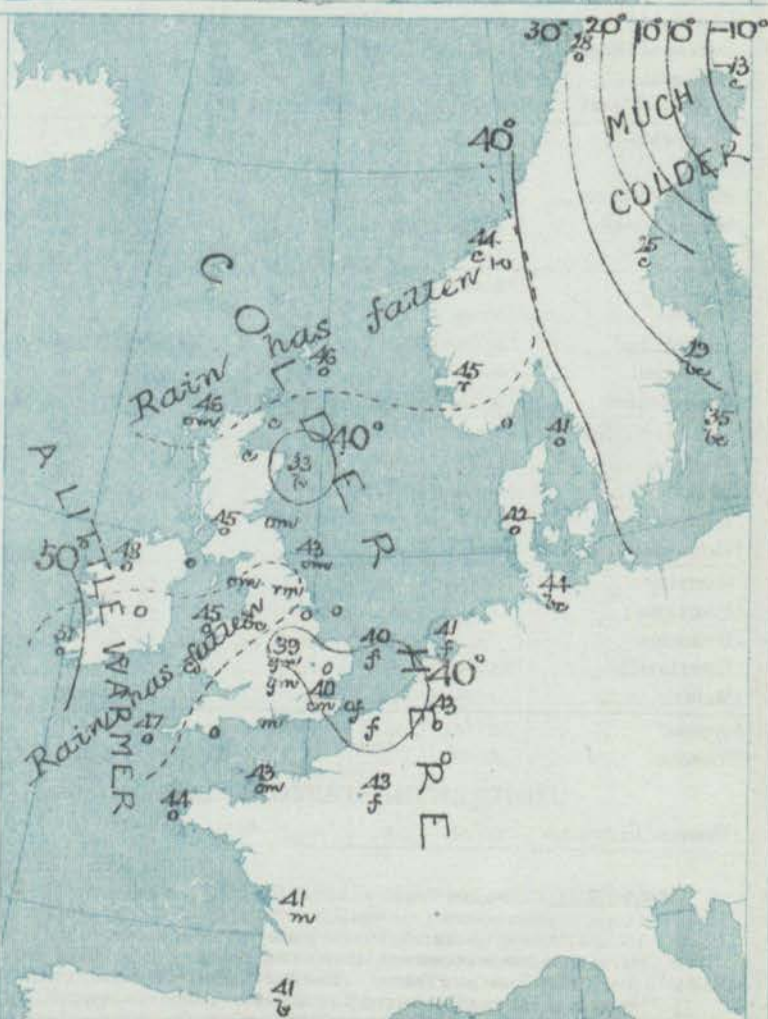
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	39.2	35.3	3.72
Stornoway	38.9	35.6	5.28
Wick	37.9	36.5	7.80
Nairn	36.9	35.3	1.99
Aberdeen	37.3	36.7	2.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	1.88
York	36.9	35.9	1.88
Ardrossan	40.1	35.4	4.86
Donaghadee	39.7	35.8	3.03
Holyhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.46
Valencia	44.1	43.3	7.22
Roche's Point	46.1	42.0	5.68
Pembroke	42.8	41.3	4.13
Sully	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.38
Dover	39.6	38.4	3.03
LONDON	38.1	37.1	2.41
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.04
Yarmouth	37.8	37.1	2.24

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 17th January

1884. at 8 a.m.

In the course of the past twenty-four hours the area of high pressure noticed over England and France yesterday morning has moved slowly in a southerly direction; and a slight fall of the barometer has therefore taken place in nearly all parts of the United Kingdom, as well as over the Bay of Biscay. In Scandinavia and Denmark, however, the mercury has continued to rise. Light variable airs are reported over the south of England and the central parts of France, but at all our more western and northern stations the wind is S^{by} or S^W^{by}, while on the eastern shores of the North Sea it is W^N. The weather is still fine in Sweden and the east of Scotland, but overcast elsewhere, with fog in the south-east of England. During yesterday a little rain fell at our extreme northern and some of the western stations. Temperature has fallen in the north and east, but risen a few degrees in the west, and readings range from 51° at Valencia to 33° at Aberdeen. Slight frost occurred last night at the latter station. The sea is rough at Valencia and Lumburgh Head, slight or smooth elsewhere.

The anticyclone will probably continue to move slowly in a southerly direction, and depressions may be expected to skirt our western and northern coasts, occasioning an increase of wind, with rainy weather, over Ireland and Scotland.

FORECASTS

for the 24 hours ending at NOON on 18th JANUARY 1884.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SW ^{by} and S ^{by} winds, fresh or strong; dull, some rain.	6 { SCOTLAND WEST	SW ^{by} and S ^{by} winds, moderate or fresh; dull, some rain.
1 { SCOTLAND EAST	SW ^{by} and W ^{by} winds, moderate; cloudy generally, probably some rain.	7 { ENGLAND N. W.	-----D°-----D°-----D°-----
2 { ENGLAND N. E.	-----D°-----D°-----D°-----	8 { ENGLAND S. W.	S ^{by} winds, moderate, dull, some rain.
3 { ENGLAND EAST	Same as N° 5	9 { IRELAND NORTH	S ^{by} and SW ^{by} winds, increasing in force; dull, unsettled, some rain.
4 { MIDLAND COUNTIES	Same as N° 5.	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	Light breezes, chiefly W ^{by} ; dull, misty, rather warmer.	WARNINGS	NONE ISSUED.

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	30.33	46	45	WNW	6	0 1/2	4	Valencia	30.56	49	48	SE	4	c	4
Sumburgh Head	30.16	47	46	W	4	0	5	Scilly	30.60	48	47	SE	2	om	2
Stornoway	30.37	48	47	SEW	5	om	4	Dover	30.61	47	45	WNW	1	bm	0
Aberdeen	30.46	47	45	SW	1	6	1	London	30.64	46	44	WNW	1	ogf	*
Shields	30.54	48	46	WNW	2	cm	2	Yarmouth	30.57	47	45	WNW	2	f	2
Ardrossan	30.56	44	43	SSW	3	0	2	Jersey	30.62	47	45	NE	1	m	1
Mullaghmore	30.55	46	43	WNW	1	0	1	Rochefort	30.65	49	46	E	5	c	2
Holyhead	30.61	44	43	SSW	2	0	2								

REMARKS.

No important change has occurred since the morning. An area of high pressure still lies over England and France, and cloudy weather continues in most places, with fogs in the SE.

DAILY WEATHER REPORT

for *Friday 18th January 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SEADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.38	-9	N	2	6	30.22	?	5	5	+ 18	S	6	0	*	?	-14	0.12		
Hernösand ...	30.21	25	SE	2	0	30.17	+ 16	31	30	+ 6	S	2	6	*	?	16	0.16		
Stockholm ...	30.28	19	SSW	2	0	30.33	+ 2	30	29	+ 1	SSW	2	0	*	36	28	-		
Wisby ...	30.19	33	N	4	0	30.30	+ 33	33	31	- 2	SSW	4	6	*	37	32	-		
Bodö ...	29.82	28	SE	3	0	29.89	+ 35	35	34	+ 1	SSW	4	1	*	?	25	-		
Christiansund ...	30.12	45	WSW	6	0	30.13	+ 09	45	42	+ 1	SW	6	0	5	45	41	0.08		
Skudesnaes ...	30.37	42	WSW	2	0	30.39	?	43	?	- 2	SW	0	0	3	?	?	-		
Oxö (Xiansund) ...	30.28	41	WSW	2	6	30.31	+ 12	38	32	- 12	WSW	1	6	1	45	32	-		
Skagen (The Skaw)	30.26	43	SW	2	6	30.32	+ 17	36	35	- 5	N	2	0	0	43	32	-		
Fanö ...														*					
Cuxhaven ...	30.38	42	WSW	3	0	30.28	+ 06	42	42	- 2	N	2	1	*	?	39	-		
Sumburgh Head ...	30.22	16	WSW	4	0	30.19	- 04	46	45	0	SSW	3	0	4	47	43	0.01		
Stornoway ...	30.27	17	SSW	4	2	30.17	- 11	48	47	+ 2	S	6	0	5	49	44	0.01		
Wick ...	30.29	15	N	2	0	30.27	- 06	44	42	+ 1	SW	2	6	0	45	40	-		
Nairn ...	30.33	47	N	2	0	30.29	- 07	46	44	+ 2	SE	0	0	0	48	44	-		
Aberdeen ...	30.39	43	WSW	1	0	30.36	- 03	37	36	+ 4	SW	1	6	1	45	32	-		
Leith ...	30.43	46	N	1	0	30.40	- 04	48	46	+ 4	N	1	0	*	49	43	-		
Shields ...	30.48	46	WSW	1	1	30.48	- 01	45	44	+ 2	WSW	1	1	2	47	41	-		
Spurn Head ...	30.53	41	N	1	6	30.52	- 02	42	41	+ 3	WSW	1	0	2	42	37	-		
York ...	30.53	45	N	1	0	30.54	- 00	41	40	- 2	SW	1	1	*	49	39	-		
Loughborough ...	30.57	41	WSW	1	0	30.57	- 02	38	33	- 6	SE	0	1	*	41	33	-		
Ardrossan ...	30.44	46	SSW	2	0	30.42	- 05	46	45	+ 1	SSW	2	0	2	46	44	0.02		
Mullaghmore ...	30.44	48	SW	4	6	30.35	- 07	49	45	+ 1	SE	5	6	4	50	47	-		
Donaghadee ...	30.48	43	S	1	6	30.44	- 06	46	45	+ 2	SSW	2	0	0	47	41	0.01		
Parsonstown ...	30.49	48	SE	0	0	30.45	- 06	47	45	+ 1	SSW	1	0	0	49	45	0.05		
Barrow-in-Furness	30.50	44	SW	3	0	30.51	- 00	44	43	+ 1	S	2	0	2	45	42	-		
Holyhead ...	30.51	47	SW	2	0	30.52	- 03	47	46	+ 2	WSW	2	0	1	47	43	-		
Liverpool (Bidston)	30.54	46	SW	5	0	30.53	- 02	42	41	+ 2	SSW	1	0	2	46	40	-		
Valencia ...																			
Roche's Point ..	30.52	49	SSW	4	0	30.48	- 05	48	47	0	SSW	4	0	4	51	46	-		
Pembroke ...																			
Scilly ...	30.53	48	S	2	0	30.53	- 05	48	45	+ 1	S	3	0	4	49	45	-		
Prawle Point ...	30.60	46	E	1	0	30.59	- 03	46	43	+ 1	SE	0	0	0	46	44	-		
Hurst Castle ...	30.61	44	WSW	1	0	30.60	- 03	43	42	+ 1	N	1	0	1	48	41	-		
Dover ...	30.61	41	WSW	1	0	30.59	- 04	42	41	+ 4	WSW	1	0	1	43	38	-		
London ...	30.60	42	N	1	0	30.59	- 04	41	40	+ 1	SW	1	0	1	43	39	-		
Oxford ...	30.61	42	N	1	0	30.59	- 02	41	40	0	SW	1	0	*	43	41	-		
Cambridge ...	30.58	40	SE	0	0	30.58	- 01	38	38	- 3	N	1	0	*	41	36	-		
Yarmouth ...	30.56	39	WSW	1	1	30.57	- 00	39	39	- 1	N	2	1	2	41	37	-		
The Helder ...	30.54	40	N	1	0	30.57	- 00	41	40	0	N	1	0	1	41	39	-		
Cape Griz Nez ...	30.60	42	WSW	3	0	30.54	- 10	42	41	+ 4	SW	1	0	0	45	37	-		
Jersey ...	30.61	42	WSW	1	0	30.60	- 03	40	40	- 3	ENE	1	0	1	49	40	-		
Brest ...	30.51	41	NE	3	6	30.56	+ 05	36	35	- 8	SSW	3	0	3	46	34	-		
Lorient ...																			
Rochefort ...	30.57	44	ENE	7	6	30.55	- 06	36	35	- 5	ENE	7	6	2	52	32	-		
Biarritz ...	30.47	45	E	1	0	30.47	- 00	43	41	+ 2	E	1	0	1	52	37	-		
Corunna ...																			
Brussels ...						30.60	- 01	40	39	- 3	N	1	0	*	45	39	-		
Charleville ...	30.60	39	N	4	6	30.59	+ 01	35	32	- 7	N	4	0	*	45	32	-		
Paris ...	30.64	42	WSW	3	6	30.67	- 01	35	33	- 8	WSW	1	1	*			-		
Lyons ...	30.52	42	WSW	3	0	30.52	- 02	35	34	- 3	NE	1	1	*	43	34	-		
Toulon ...	30.43	48	SE	2	0	30.44	+ 01	42	39	- 3	E	3	1	2	52	39	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.25	40	N	3	1	29.25	- 00	41	41	+ 3	N	2	1	*	41	38	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.
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 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred Dangerfield Lith. London.*

WEATHER CHARTS

for 8 a.m. on Friday, 18th January, 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Iso-bars 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.

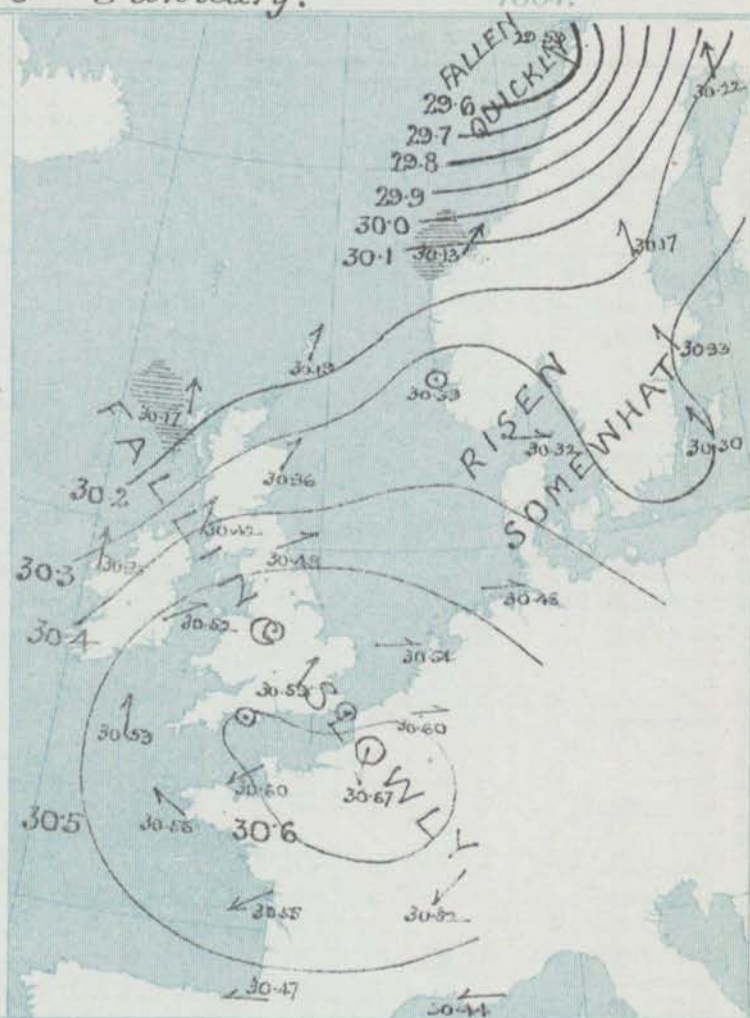
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of January
 During the 10 Years 1871-1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.661
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York.	29.916
Ardrossan.	29.973
Donaghadee.	29.828
Holyhead.	29.745
Liverpool.	29.906
Valencia.	29.853
Roche's Point.	29.883
Pembroke.	29.913
Sally.	29.959
Hurst Castle.	29.975
Dover.	30.002
LONDON.	29.987
Oxford.	29.979
Cambridge.	29.976
Yarmouth.	29.964



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.

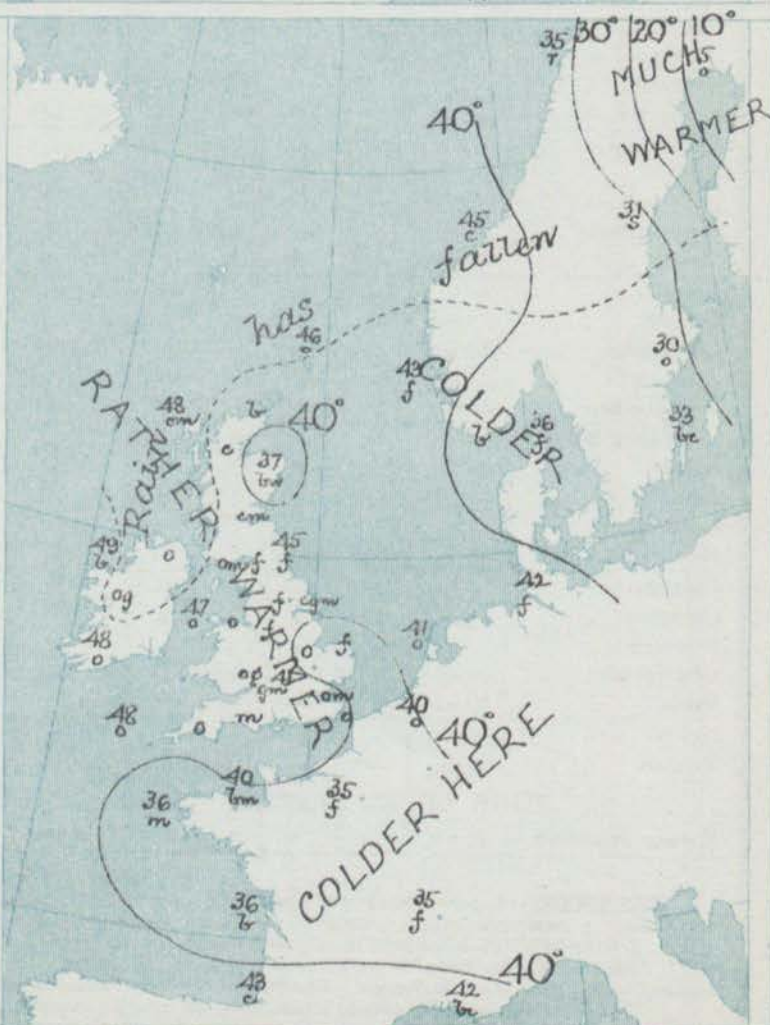
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	38.2	36.3	3.72
Stornoway.	38.9	37.6	5.20
Wick.	37.9	36.5	1.00
Nairn.	36.9	35.3	1.09
Aberdeen.	37.3	36.7	2.42
Leith.	38.2	37.2	2.02
Shields.	37.8	36.6	1.88
York.	38.9	35.9	1.88
Ardrossan.	40.1	38.4	4.86
Donaghadee.	39.7	38.8	3.03
Holyhead.	41.7	40.3	3.73
Liverpool.	39.9	37.3	2.45
Valencia.	44.1	43.3	7.22
Roche's Point.	43.1	42.0	5.68
Pembroke.	42.8	41.3	4.13
Sally.	46.5	45.0	4.24
Hurst Castle.	40.7	40.0	3.08
Dover.	39.6	38.4	3.03
LONDON.	38.1	37.1	2.41
Oxford.	37.6	36.6	2.53
Cambridge.	36.5	35.7	1.84
Yarmouth.	37.8	37.1	2.34

NOTE — The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 15 years 1865-80.



for Friday 18th January 1884, at 8 a.m.

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

There is at present no indication of the approach of any important disturbance, but as the fall of the barometer at Stromway has become somewhat accelerated since last evening it is possible that a small depression may shortly skirt the Scotch coasts.

For the 24 hours ending at NOON on 19th JANUARY 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
1	SCOTLAND NORTH	SW ^{1/2} and S ^{1/2} winds, fresh or strong; cloudy, some rain.	6	SCOTLAND WEST	SW ^{1/2} and S ^{1/2} winds, moderate; dull generally.
2	SCOTLAND EAST	SW ^{1/2} winds, light or moderate; cloudy generally, local mists.	7	ENGLAND N.W.	-----D ^o -----D ^o -----D ^o -----
3	ENGLAND N.E.	-----D ^o -----D ^o -----D ^o -----	8	ENGLAND S.W.	S ^{1/2} winds, moderate; dull generally.
4	ENGLAND EAST	Same as No 5	9	IRELAND NORTH	S ^{1/2} winds, fresh or strong; dull some rain.
5	MIDLAND COUNTIES	Same as No 5	10	IRELAND SOUTH	-----D ^o -----D ^o -----D ^o -----
6	ENGLAND SOUTH	SW ^{1/2} and W ^{1/2} winds, light; dull, misty.	WARNINGS		None Issued.

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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.34	49	44	WNW	4	0	3	Valencia	30.46	52	51	S	5	0 g	5
Sumburgh Head	30.24	46	45	WSW	4	1	5	Scilly	30.59	49	47	SSE	2	0	2
Stornoway	30.28	47	47	SSW	4	0	4	Dover	30.60	42	41	WSW	1	om	0
Aberdeen	30.39	44	42	WSW	1	0	1	London	30.61	43	40	N	2	om	4
Shields	30.48	47	45	Z	0	0 m	2	Yarmouth	30.55	39	39	WNW	2	1	2
Ardrossan	30.46	46	45	SSW	2	0	2	Jersey	30.61	47	45	SSE	1	1	1
Mullaghmore	30.40	50	48	SW	4	6c	3	Rochefort	30.57	49	46	ENE	7	2	2
Holyhead	30.53	47	46	SSW	2	0	8								

REMARKS.

The barometer continues to fall slightly at all but the Stations, where it appears to be stationary.
The winds and weather are unchanged. The sea is slight at Holyhead, smooth at Dover.

DAILY WEATHER REPORT

for *Saturday 19th January 1884.*

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

† YESTERDAY EVENING.										8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.							
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.					
Haparanda	29.82	22	S	2	bc	29.71	-.51	35	38	+ 28	2	0	C	*	?	-9	0.39					
Hernösand ...	30.08	35	SSW	2	b	29.95	-.22	28	28	- 3	2	0	C	*	36	21	0.04					
Stockholm ...	30.29	29	Z	0	b	30.20	-.13	32	32	+ 2	W	4	0	*	37	28	-					
Wisby ...	30.28	33	WNW	4	0	30.22	-.08	35	36	+ 2	WNW	4	0	*	37	32	-					
Bodö ...	29.70	26	SW	9	0	29.48	-.11	43	42	+ 8	WSW	9	2	*	46	?	0.63					
Christiansund ...	30.08	28	WSW	3	bc	29.76	-.31	49	43	+ 4	SW	4	0	5	50	41	-					
† Skudesnaes ...	30.36	44	ESE	2	0	30.26	-.13	45	43	+ 2	ESE	6	0	4	?	43	-					
Oxö (Ålansund) ...	30.34	41	WSW	2	b	30.30	-.01	42	42	+ 9	SW	4	0	2	?	?	-					
Skagen (The Skaw)	30.36	39	WNW	3	b	30.35	+ .03	41	41	+ 5	WSW	5	0	4	43	36	-					
Fanö ...	30.50	41	W	3	0	30.48	+ .03	40	40	- 1	SW	2	0	*	43	39	-					
Cuxhaven ...	30.53	40	WSW	2	f	30.48	-.00	40	40	- 2	SW	1	f	*	?	37	-					
† Sumburgh Head	30.12	46	SSW	3	C	30.00	-.19	49	46	+ 1	W	5	0	5	48	43	0.04					
† Stornoway ...	30.07	48	S	8	om	30.17	-.00	42	40	- 6	W	4	0	4	50	40	0.22					
Wick ...	30.16	46	S	2	b	30.18	-.09	44	42	0	W	3	0	1	49	43	-					
Nairn ...	30.20	46	W	2	b	30.20	-.09	49	47	+ 3	W	2	C	2	50	44	-					
† Aberdeen ...	30.26	44	SSW	3	b	30.22	-.14	46	45	+ 9	SW	3	0	1	49	35	-					
Leith ...	30.35	49	WSW	3	q	30.28	-.12	50	48	+ 2	W	4	C	*	51	45	-					
† Shields ...	30.45	46	Z	0	m	30.38	-.10	47	45	+ 2	SW	1	m	2	48	45	-					
Spurn Head ...	30.50	42	S	2	0	30.48	-.04	43	42	+ 1	WSW	3	om	2	44	40	-					
York ...	30.50	44	S	1	0	30.48	-.06	45	43	+ 4	SW	2	0	*	49	40	-					
Loughborough ...	30.53	44	WSW	1	0	30.53	-.04	44	43	+ 11	WSW	2	0	*	48	33	-					
† Ardrossan ...	30.35	46	S	4	b	30.32	-.10	47	46	+ 1	SW	4	om	3	49	45	0.02					
† Mullaghmore ...	30.27	51	SSW	6	C	30.34	-.01	48	48	- 1	SSW	2	m	3	51	49	0.06					
Donaghadee ...	30.39	45	WSW	3	C	30.37	-.07	47	47	+ 1	WSW	3	1	1	48	44	0.06					
Parsonstown ...	30.39	49	Z	0	0	30.42	-.03	49	47	+ 2	S	1	0	*	50	45	0.07					
Barrow-in-Furness	30.46	45	SW	4	0	30.43	-.08	46	45	+ 2	SW	3	0	4	49	43	-					
† Holyhead ...	30.46	46	SSW	2	0	30.48	-.04	48	46	+ 1	SW	2	0	3	48	44	0.03					
Liverpool (Bidston)	30.49	45	SE	1	0	30.49	-.04	47	45	+ 5	SW	1	bc	2	48	42	-					
† Valencia ...	30.39	50	S	6	og	30.38	-.03	52	52	+ 2	S	6	om	g	53	48	0.05					
Roche's Point ..	30.47	48	SSW	4	0	30.47	-.01	50	49	+ 2	SSW	4	0	4	51	49	-					
Pembroke ...	30.49	49	SSW	3	0	30.54	-.00	48	46	+ 1	SSW	2	0	2	48	46	-					
† Scilly ...	30.51	48	SSW	2	0	30.56	+ .03	48	45	0	S	3	0	4	49	45	-					
Prawle Point ...	30.55	46	SE	2	0	30.60	+ .01	45	42	- 1	ESE	1	0	1	47	44	-					
Hurst Castle ...	30.59	47	Z	0	m	30.60	-.00	45	44	+ 2	S	1	C	1	46	42	-					
† Dover ...	30.57	42	N	1	om	30.61	+ .02	42	40	0	W	1	0	0	43	38	-					
† London ...	30.58	44	W	1	0	30.61	+ .02	43	41	+ 2	SSW	1	0	*	48	40	-					
Oxford ...	30.56	44	WSW	1	0	30.59	-.00	44	42	+ 3	SW	1	og	*	49	41	-					
Cambridge ...	30.53	38	W	1	b	30.56	-.02	42	41	+ 4	SW	1	0	*	45	33	-					
† Yarmouth ...	30.54	42	Z	0	f	30.56	-.01	41	40	+ 2	SW	1	0	2	43	38	-					
The Helder ...	30.56	41	SW	1	0	30.56	+ .02	41	41	0	SW	1	0	1	43	39	-					
Cape Griz Nez ...	30.56	42	SW	1	m	30.63	+ .09	39	38	- 3	S	1	m	0	45	39	-					
† Jersey ...	30.56	41	ESE	1	bc	30.61	+ .01	38	37	- 2	E	2	m	2	46	37	-					
Brest ...	30.45	42	ESE	3	b	30.56	-.00	38	38	+ 2	E	3	0	3	48	33	-					
Lorient ...	30.56	40	ESE	5	b	30.64	+ .09	36	35	0	ESE	4	f	2	50	30	-					
† Rochefort ...	30.56	40	ESE	5	b	30.64	+ .09	36	35	0	ESE	4	f	2	50	30	-					
Biarritz ...	30.46	48	SW	3	0	30.52	+ .05	46	45	+ 3	SE	1	0	1	50	41	-					
Corunna ...	30.63	39	SW	1	f	30.63	+ .03	39	38	- 1	SW	1	f	*	42	38	-					
Brussels ...	30.62	38	NE	5	0	30.62	+ .03	38	32	- 2	NE	5	0	*	40	32	-					
Charleville ...	30.57	37	NE	4	0	30.62	+ .03	38	32	- 2	NE	5	0	*	40	32	-					
Paris ...	30.63	38	NE	1	m	30.70	+ .03	36	36	+ 1	NE	4	f	*	40	32	-					
Lyons ...	30.55	35	SW	1	0	30.62	+ .10	34	34	- 1	SE	1	f	*	37	34	-					
Toulon ...	30.48	46	Z	0	m	30.56	+ .11	42	39	0	Z	0	m	1	50	41	-					
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	29.71	40	W	1	0	29.19	-.06	42	42	+ 1	WSW	4	m	*	43	39	0.01					

EXPLANATION OF COLUMNS.

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

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

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

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

WEATHER CHARTS

for 8 a.m. on *Saturday* 19th January.

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 —

→ = force above 10; →→ = forces 8 to 10;

→→ = forces 5 to 7; → = forces 1 to 4;

○ = dead calm.

Sea Disturbance — where considerable is shown thus

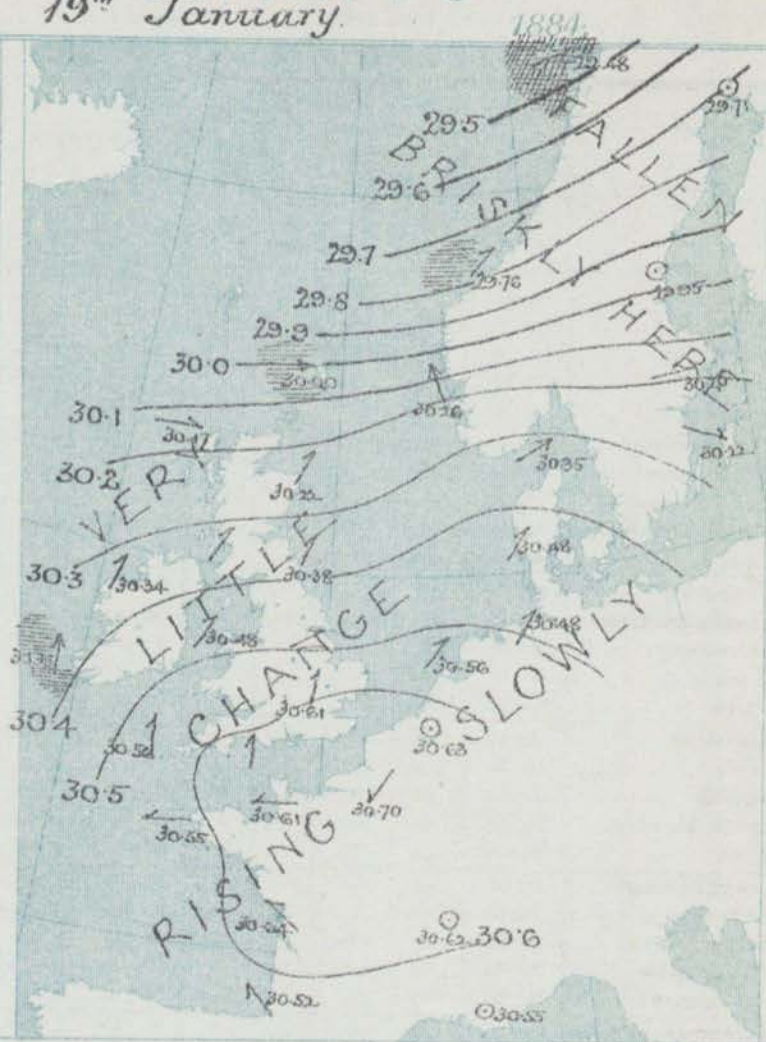
■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sundburgh Head	29.681
Stornoway	29.657
Wick	29.697
Nairn	29.728
Aberdeen	29.783
Leith	29.810
Shields	29.867
York	29.910
Ardrossan	29.877
Donaghadee	29.820
Ballyhead	29.875
Liverpool	29.906
Valencia	29.853
Roches Point	29.888
Pembroke	29.913
Selly	29.953
Burst Castle	29.975
Dover	30.002
LONDON	30.081
Oxford	30.074
Cambridge	29.975
Yarmouth	29.961



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.

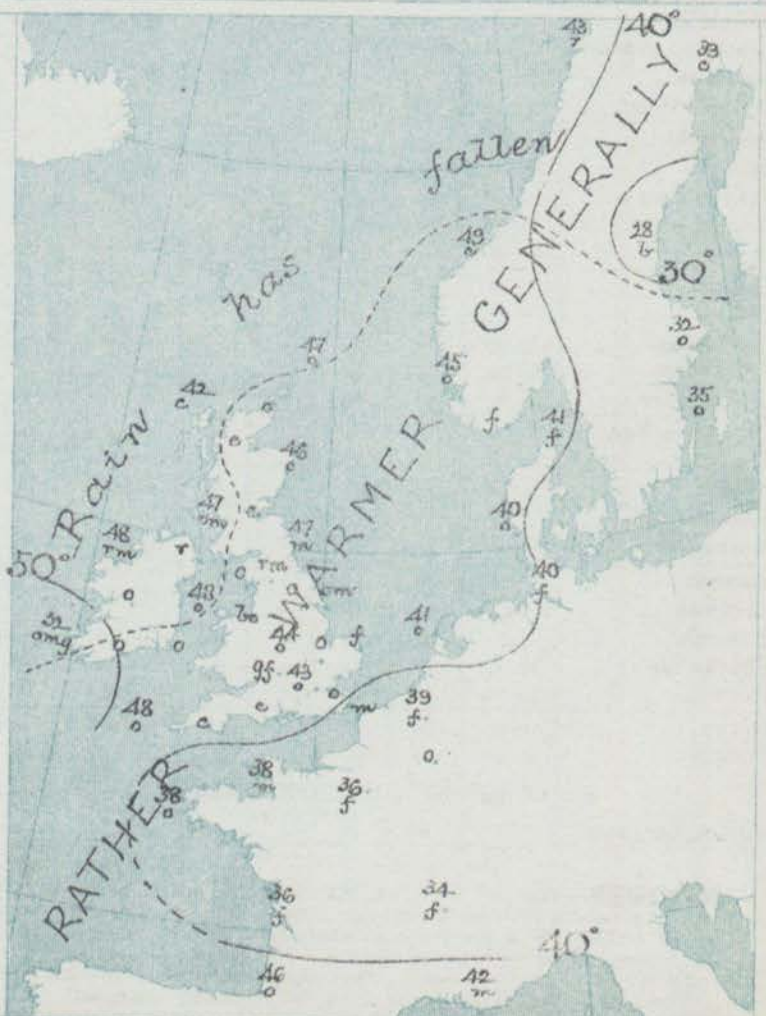
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sundburgh Head	39.2	38.8	3.22
Stornoway	38.8	37.6	5.28
Wick	37.8	36.2	1.80
Nairn	36.8	35.3	1.59
Aberdeen	37.3	36.7	2.92
Leith	38.2	37.2	2.02
Shields	37.6	36.6	1.88
York	36.8	35.9	1.88
Ardrossan	40.1	39.4	4.86
Donaghadee	39.7	38.8	5.03
Ballyhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.45
Valencia	44.1	43.3	2.32
Roches Point	43.1	42.0	5.68
Pembroke	42.6	41.3	4.18
Selly	46.5	45.0	4.24
Burst Castle	40.7	40.0	3.86
Dover	39.6	38.4	3.03
LONDON	39.1	37.1	2.41
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.64
Yarmouth	37.8	37.1	2.34

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



REMARKS.

for Saturday 19th January

1884. at 8 a.m.

In the course of the past 24 hours the barometer has fallen somewhat in Scandinavia and risen slightly over France, but in our Islands there has been scarcely any change. An anticyclonic cell lies over France and the south-east of England, while relatively low pressures are found over the north of Scandinavia. The wind is E^{ly} or SE^{ly} in the Bay of Biscay, but elsewhere it varies between S and W; in force it is chiefly light or moderate, ^(but at Valencia a strong S. breeze is reported) while at Huddersfield there is a W.S.W. gale. The weather is cloudy or overcast in almost all places with rain in the north of Ireland, and fog or mist at our eastern and the French stations. Temperature has risen a little generally, and readings range from 52° at Valencia to 41° at Yarmouth. The maxima registered yesterday were again high for the time of year. The sea is rough at Lumburgh Head and Valencia as well as off the west of Norway, moderate to smooth elsewhere.

The changes in pressure are not at present sufficiently decided to cause any great alteration in the winds and weather over our Islands.

FORECASTS

for the 24 hours ending at NOON on 20th January 1884.

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

1 { SCOTLAND NORTH	W ^{ly} and SW ^{ly} winds, strong; cloudy, unsettled, some rain.
2 { SCOTLAND EAST	SW ^{ly} winds, moderate or fresh; cloudy, probably some rain.
3 { ENGLAND N.E.	-----D°-----D°-----D°-----
4 { ENGLAND EAST	Same as No 5.
5 { MIDLAND COUNTIES	Same as No 5.
6 { ENGLAND SOUTH	SW ^{ly} winds, light; dull generally with local mists.

6 { SCOTLAND WEST	SW ^{ly} winds, freshening; dull, some rain.
7 { ENGLAND N.W.	-----D°-----D°-----D°-----
8 { ENGLAND S.W.	S ^{ly} winds, moderate; cloudy, probably some rain.
9 { IRELAND NORTH	S ^{ly} winds, fresh or strong; dull some mist and rain.
10 { IRELAND SOUTH	-----D°-----D°-----D°-----

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.40	43	43	E	2	o f	2	Valencia	30.40	53	51	S	5	o m g	5
Sumburgh Head	30.18	46	45	SSW	4	o	4	Scilly	30.51	49	46	S	3	o	4
Stornoway	30.12	47	47	S	8	o m	6	Dover	30.56	43	41	W	1	o m	0
Aberdeen	30.31	45	44	SSW	3	b	1	London	30.57	48	44	N	1	o m	*
Shields	30.45	48	46	W	1	f	2	Yarmouth	30.54	43	42	2	o	f	2
Ardrossan	30.59	47	46	SSW	3	o	2	Jersey	30.57	45	43	N.E.	2	b	2
Mullaghmore	30.30	51	49	SW	6	c	5	Rochefort	30.54	46	43	E	5	b	2
Holyhead	30.50	45	45	SSW	2	A	2								

REMARKS.

The barometer continues to fall slowly at most stations and the wind at Stornoway has increased to a fresh gale from S. The weather is cloudy or overcast at all stations excepting Aberdeen and rain is reported at Holyhead.

DAILY WEATHER REPORT

for Sun-day 20th January 1884.
 Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.		
Haparanda	29.44	34	S	6	b	29.73	+ .02	31	29	-	2	W	4	b	•	36	21	-
Hernösand ...	29.85	40	WNW	6	b	30.05	+ .10	33	31	+	5	Z	0	e	•	41	19	-
Stockholm ...	30.07	36	W	6	b	30.20	- .00	30	30	-	2	WSW	2	b	•	37	27	-
Wisby ...	30.16	39	W	6	o	30.14	- .03	38	37	+	3	NW	4	o	•	39	32	-
Bodö ...	29.56	38	W	6	b	29.58	+ .10	39	?	-	4	SSW	6	b	•	43	34	0.35
Christiansund ...	30.02	41	W	8	bc	29.59	- .17	41	36	-	8	SSE	3	o	5	45	36	0.16
Skudesnaes ...	30.02	42	WNW	2	bc	29.44	- .32	44	43	-	1	S	9	r	5	45	41	0.32
Oxö (Ålansund) ...	30.28	43	SW	4	f	30.12	- .18	42	41	-	0	SSW	6	f	3	43	37	-
Skagen (The Skaw)	30.30	41	W	5	f	30.22	- .13	42	42	+	1	SW	4	f	3	45	39	-
Fanö ...	30.49	41	WSW	4	r	30.24	- .14	42	41	+	2	SW	4	o	•	43	39	-
Cuxhaven ...	30.46	41	SW	1	f	30.49	+ .01	41	? 41	+	1	SW	2	b	•	41	36	-
† Sumburgh Head																		
† Stornoway ...	30.17	45	SSE	4	o	29.60	- .57	44	43	+	2	WNW	9	r	7	49	40	0.45
Wick ...	30.20	42	Z	7	o	29.48	- .70	45	41	+	1	SW	10	b	7	49	35	0.15
Nairn ...	30.23	46	W	1	r	29.70	- .50	49	46	-	0	WSW	8	e	5	52	41	0.04
† Aberdeen ...	30.32	44	SE	2	r	29.78	- .44	48	43	+	2	WSW	7	b	3	50	43	0.04
Leith ...	30.29	50	NW	2	o	29.95	- .33	50	45	-	0	W	5	e	•	51	45	0.01
† Shields ...	30.41	50	SW	1	m	30.13	- .25	48	45	+	1	WSW	3	o	2	51	44	-
Spurn Head ...	30.50	45	SSW	3	o	30.31	- .17	42	40	-	1	S	5	bc	2	46	40	-
York ...	30.50	43	S	1	o	30.28	- .20	45	43	-	0	S	2	o	•	50	41	-
Loughborough...	30.52	46	WSW	3	o	30.39	- .14	41	40	-	2	SSW	3	bc	•	48	41	-
† Ardrossan ...	30.30	47	S	3	r m	30.03	- .27	48	45	+	1	WSW	4	o	3	48	45	0.16
† Mullaghmore ...	30.18	52	SSW	7	og	30.18	- .16	46	44	-	2	WSW	6	bc	5	53	46	0.04
Donaghadee ...	30.34	48	SSW	4	o	30.20	- .17	47	44	-	0	W	3	bc	1	50	45	0.05
Parsonstown ...	30.36	47	SSE	2	o	30.31	- .11	45	43	-	4	W	1	o	•	52	45	0.02
Barrow-in-Furness	30.45	46	WSW	3	o	30.24	- .19	47	46	+	1	WSW	4	cm	6	47	44	-
† Holyhead ...	30.47	48	WSW	4	o	30.30	- .18	49	48	+	1	WSW	5	og	4	49	45	0.02
Liverpool (Bidston)	30.49	47	SSW	2	o	30.29	- .20	49	45	+	2	SW	6	e	4	51	43	-
† Valencia ...	30.31	52	SSE	7	ow	30.36	- .02	47	45	-	5	WNW	3	e	3	54	46	0.09
Roche's Point ...	30.46	49	SSW	5	o	30.34	- .13	49	47	-	1	NNW	3	e	4	52	47	0.20
Pembroke ...	30.22	47	SSW	3	o	30.38	- .16	49	47	+	1	SSW	4	o	4	49	46	-
† Scilly ...	30.26	47	S	4	o	30.47	- .09	50	48	+	2	SSW	5	o	4	49	47	-
Prawle Point ...	30.62	43	SSE	2	o	30.49	- .11	48	45	+	3	SW	4	e	4	48	39	-
Hurst Castle ...	30.63	44	SSW	1	b	30.52	- .08	45	44	-	0	SSW	2	og	1	48	41	-
† Dover ...	30.65	42	WSW	2	o	30.53	- .08	42	41	-	0	W	4	og	3	47	38	-
† London...	30.63	45	S	1	o	30.48	- .13	42	40	-	1	SW	2	o	•	48	39	-
Oxford ...	30.60	44	SSW	1	o	30.47	- .12	43	41	-	1	SSW	1	o	•	47	40	-
Cambridge ...	30.59	43	SW	1	o	30.45	- .11	41	40	-	1	SW	1	o	•	46	36	-
† Yarmouth ...	30.57	44	SW	1	f	30.46	- .10	40	38	-	1	WSW	3	og	2	44	38	-
The Helder ...	30.57	43	SW	1	o	30.47	- .09	40	39	-	1	SW	3	e	3	43	37	-
Cape Griz Nez...	30.63	? 37	SW	1	m	30.53	- .18	41	40	-	2	WSW	5	o	4	46	34	-
† Jersey ...	30.63	37	SSE	1	ow	30.58	- .03	41	41	-	3	WSW	4	o	3	44	35	-
Brest ...	30.59	40	ESE	1	m	30.54	- .02	47	45	+	5	SW	4	o	4	?	36	-
Lorient ...																		
† Rochefort ...	30.67	39	ESE	4	m	30.68	+ .04	36	35	-	0	SE	3	m	2	41	30	-
Biarritz ...	30.55	46	E	1	o	30.58	- .06	36	35	-	10	E	4	b	1	52	32	-
Corunna ...	•	•	•	•	•													
Brussels ...	•	•	•	•	•	30.58	- .05	39	33	-	6	WSW	4	f	•	44	31	-
Charleville ...	30.64	34	?	5	o	? 30.62	- .00	30	30	-	3	?	5	m	•	36	30	-
Paris ...	30.68	36	NE	3	m	30.68	- .02	34	34	-	2	Z	0	f	•	•	•	-
Lyons ...	30.67	38	N	1	f	30.67	+ .05	32	31	-	2	SE	1	f	•	36	31	-
Toulon ...	30.61	47	Z	0	m	30.61	+ .06	45	41	+	3	NW	3	bc	2	53	41	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.15	42	WSW	6	r m	28.97	- .22	42	42	+	1	WSW	7	r	•	43	37	0.09

EXPLANATION OF COLUMNS.

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

Fred* Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on

Sunday

20th January

1884.

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 —

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

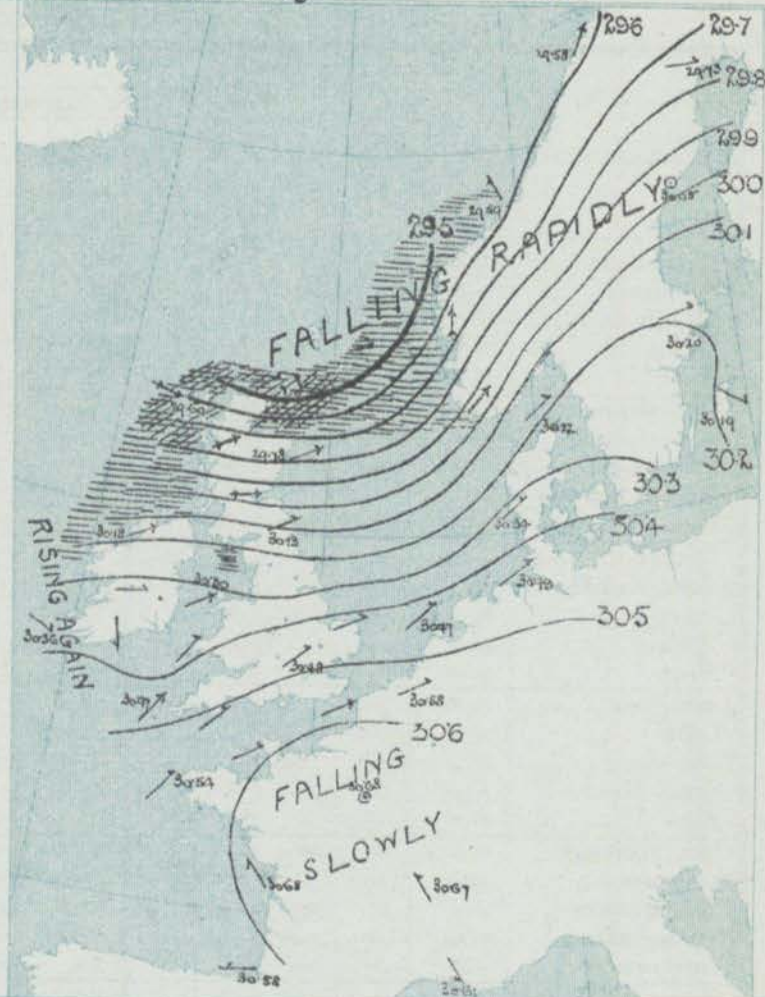
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of January.
 During the 10 Years 1871-1880.

STATIONS.	MEAN READINGS
Swinburgh Head	29.641
Stornoway	29.637
Wick	29.627
Nairn	29.739
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.946
Ardrossan	29.977
Donaghadee	29.822
Balshead	29.875
Liverpool	29.906
Valencia	29.852
Rock's Point	29.883
Pembroke	29.913
Sally	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.994
Cambridge	29.975
Yarmouth	30.064



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

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

Weather — is shown by Letters of the Beaufort Scale.

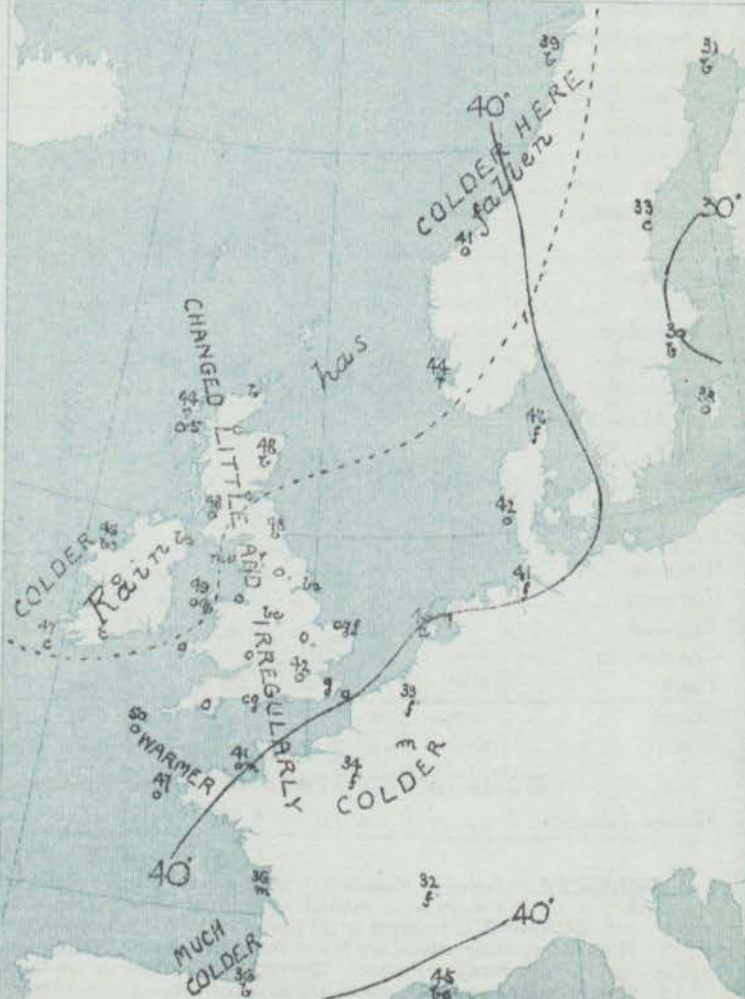
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE at 8 A.M., AND RAINFALL.

for the month of January

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Swinburgh Head	39.2	38.3	3.72
Stornoway	39.9	37.6	5.28
Wick	37.9	36.5	1.16
Nairn	36.9	35.9	1.09
Aberdeen	37.3	35.7	2.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	1.88
York	36.9	35.9	1.88
Ardrossan	40.1	39.4	1.86
Donaghadee	33.7	32.4	3.03
Balshead	41.7	40.3	0.73
Liverpool	38.9	37.8	2.45
Valencia	44.1	43.3	7.22
Rock's Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.13
Sally	46.3	45.0	4.24
Hurst Castle	40.7	40.0	3.34
Dover	39.6	38.4	3.03
LONDON	38.1	37.1	2.41
Oxford	37.6	36.6	2.52
Cambridge	36.8	35.7	1.64
Yarmouth	37.8	37.1	2.24

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 20th January

1884. at 8 a.m.

In the course of the past night a very deep depression has skirted the Scotch coast in a N.E. direction. The first indications of the disturbance were given at 2pm yesterday, when the barometer was beginning to fall rather briskly in the N. of Ireland. By 6pm the fall had extended to all our W. and N. stations, and between that hour and 10pm the mercury at Stormont fell as much as 0.9 in., or at the rate of nearly a quarter of an inch an hour. This morning we find that the depression which occasioned this rapid movement has passed away to the northward of Scotland as the barometer is rising again on our W. and N. coasts, but in the E. and S. it is falling a little. An anticyclone with readings above 30 in.: still lies over France. Light S.E. breezes prevail in the south of France, and light or moderate S.W. breezes over England, but in Scotland there is a fresh to strong W. gale, while at Salsburgh there is a gale from S. A fresh S.W. gale prevailed last night in the W. of Ireland and a severe S.W. to W. gale in Scotland; at Kirk the wind at 6am today is reported to have blown with the force of a hurricane. The weather has cleared considerably in the W. and N. of our Islands, but is cloudy elsewhere with fog over France and Denmark. During last night a little rain fell in Ireland and Scotland. Temperature has not changed much and readings now range from 50° at Scilly to 40° at Yarmouth. Sea is high off the N. of Scotland, rough on our N.W. coasts, moderate to smooth elsewhere. From a telegram received last night from the Ben Nevis Observatory it appears the barometer there at 9pm stood at 25.5 in., with a moderate gale from S.W. and rain.

FORECASTS

For the 24 hours ending at NOON on 21st JANUARY

1884.

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

WARNINGS

The south cone was hoisted yesterday evening in districts 0, 1, 6, 7, 9, 10. and parts of 2 and 8.

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

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	30.26	45	45	WST	4	0	4	Valencia	30.38	49	42	S	0	6
Sumburgh Head	30.17	47	40	N	5	6	5	Scilly	30.55	48	45	SSW	4	0
Stornoway	30.27	45	42	SSW	3	bc	3	Dover	30.42	45	43	WST	3	bc
Aberdeen	30.35	47	44	?SW	1	c	1	London	30.60	48	44	WST	1	0
Shields	30.40	51	48	SW	2	m	2	Yarmouth	30.56	44	42	WST	1	f
Ardrossan	30.36	47	46	S	2	0	2	Jersey	30.62	37	37	ENE	2	m
Mullaghmore	?30.26	51	30	SW	6	og	5	Rochefort	30.66	37	38	ESE	4	m
Holyhead	30.49	49	47	SSW	3	0	3							

REMARKS.

The barometer has risen in Scotland, but at Mullaghmore it is reported to have fallen somewhat. The wind has increased a little in the N. of Ireland. The weather is fine in the N. and E. of Scotland, as well as at Dover, but overcast elsewhere. Sea is slight at Holyhead, smooth at Dover.

DAILY WEATHER REPORT

for *Monday 31st January 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12)			Difference from 8 a.m. yesterday.		Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12)				Max.	Min.	
Haparanda	29.48	42	SW	8	6	29.35	- .70		30	?	- 3	2	0	0	*		43	30	-
Hernösand ...	29.68	39	WSW	8	6	29.52	- .68		37	35	+ 7	SW	6	0	*		41	27	-
Stockholm ...	29.93	40	WSW	6	0	29.72	- .47		39	37	+ 1	WSW	8	0	*		41	36	-
Wisby ...																			
Bodö																			
Christiansund ...	29.36	39	WSW	9	0	29.27	- .32		36	33	- 5	ENE	3	0	5		52	30	0.35
† Skudesnaes ...	29.85	45	W	8	0	29.52	- .22		42	39	- 2	W	8	0	7		46	?	0.20
Oxö (Xtiansund) ...	29.99	43	WSW	6	6	29.51	- .61		41	38	- 1	W	8	0	4		45	39	0.20
Skagen (The Skaw)	30.02	42	W	7	6	29.51	- .71		42	40	0	W	9	0	8		43	39	-
Fanö ...	30.19	41	WSW	4	0	29.88	- .46		43	41	+ 1	W	6	0	*		43	39	-
Cuxhaven ...	30.28	41	SW	5	6	30.09	- .40		43	43	+ 2	WSW	6	0	*		?	37	0.02
† Sumburgh Head																			
† Stornoway ...																			
Wick ...	29.71	42	SW	5	0	29.93	+ .45		39	38	- 6	NW	6	cpl	4		46	34	0.20
Nairn ...	29.80	44	WSW	5	1	29.99	+ .29		42	39	- 7	W	4	6	5		50	37	0.29
† Aberdeen ...	29.88	45	SW	4	6	29.97	+ .19		42	38	- 6	WSW	4	6	2		49	38	0.05
Leith ...	30.01	47	W	7	6	30.12	+ .17		43	42	- 7	W	4	6	*		50	40	0.12
† Shields ...	30.18	46	WSW	3	6m	30.23	+ .10		44	41	- 4	W	3	m	2		51	41	0.02
Spurn Head ...	30.30	44	SSW	4	6	30.30	- .01		43	40	+ 1	W	4	6c	2		48	41	-
York ...	30.29	46	WSW	1	6	30.30	+ .02		45	40	0	W	4	0	*		50	42	-
Loughborough...	30.36	47	SW	4	0	30.37	- .02		45	40	+ 4	W	5	cq	*		48	41	-
† Ardrossan ...	30.07	47	SSW	4	0	30.22	+ .09		46	42	- 2	W	5	6	4		48	43	0.10
† Mullaghmore ...	30.10	48	SW	7	7	30.32	+ .14		44	41	- 2	SW	5	6m	7		50	41	0.09
Donaghadee ...	30.13	47	SSW	6	6	30.35	+ .15		44	39	- 6	WNW	5	c	3		49	40	0.01
Parsonstown ...	30.29	48	SW	2	0	30.44	+ .13		44	42	- 1	SW	1	cq	*		51	42	0.01
Barrow-in-Furness	30.26	45	WSW	3	6	30.30	+ .06		45	42	- 2	WSW	6	6c	6		48	44	0.15
† Holyhead ...	30.31	47	SW	3	0	30.43	+ .13		46	41	- 3	WNW	3	c	4		51	44	-
Liverpool (Bidston)	30.30	45	SW	2	6	30.36	+ .07		44	41	- 5	W	6	6	4		51	44	-
† Valencia ...	30.40	51	WSW	5	om	30.49	+ .13		51	50	+ 4	SW	4	0q	4		53	45	0.07
Roche's Point ..	30.43	47	W	3	6	30.49	+ .15		47	46	- 2	WSW	3	6c	4		53	45	-
Pembroke ...	30.40	48	SW	3	6	30.50	+ .12		49	48	0	W	4	6	3		50	46	0.01
† Scilly ...	30.47	50	W	3	0	30.55	+ .08		49	48	- 1	W	4	0	4		50	48	0.02
Prawle Point ...	30.48	49	SSW	3	7	30.57	+ .08		48	47	0	W	3	0	3		50	42	0.05
Hurst Castle ...	30.48	49	SW	3	0	30.53	- .01		46	45	+ 1	W	3	c	2		47	43	0.03
† Dover ...	30.49	45	WSW	4	6c	30.47	- .06		43	42	+ 1	W	4	6	2		46	41	0.03
† London ...	30.46	48	SW	2	0	30.49	+ .01		45	44	+ 3	S	2	6c	*		51	42	0.01
Oxford ...	30.41	47	SW	3	0	30.45	- .02		48	46	+ 5	WSW	3	c	*		51	43	-
Cambridge ...	30.40	43	SW	1	0	30.43	- .02		46	44	+ 5	W	1	0	*		51	39	-
† Yarmouth ...	30.39	46	WSW	2	m	30.39	- .07		45	43	+ 5	W	3	c	3		47	39	-
The Helder ...	30.37	43	SW	3	0	30.25	- .22		45	43	+ 5	WSW	5	6	3		45	39	-
Cape Griz Nez...	30.49	42	SW	5	0	30.30	- .03		46	45	+ 5	W	5	c	4		?	41	0.04
† Jersey ...	30.55	45	SW	3	0	30.60	+ .02		47	47	+ 6	W	3	om	3		48	41	0.02
Brest ...	30.54	49	S	3	0	30.58	+ .04		46	46	- 1	NE	1	6	3		50	36	-
Lorient ...																			
† Rochefort ...	30.70	34	NE	3	m	30.74	+ .06		34	33	- 2	SE	1	m	2		41	28	-
Biarritz ...	30.60	43	SE	1	6c	30.60	+ .02		41	39	+ 5	E	5	0	1		54	32	-
Corunna ...																			
Brussels ...						30.50	- .08		39	39	+ 6	WSW	5	6	*		39	?	-
Charleville ...	30.58	33	?	5	0	?	?		32	31	+ 2	?	5	m	*		33	?	-
Paris ...	30.67	34	2	0	m	30.69	+ .01		37	36	+ 3	2	0	m	*		*	*	-
Lyons ...	30.62	32	NNE	1	m	30.66	- .01		29	29	- 3	NE	1	m	*		37	28	-
Toulon ...	30.51	45	NW	5	6c	30.57	- .10		42	37	- 3	E	3	m	3		55	39	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.98	40	W	3	0	29.00	+ .03		38	36	- 5	W	3	0	*		44	36	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) or overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

WEATHER CHARTS

for 8 a.m. on Monday, 21st January, 1884.

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—

→ = force above 10; →→ = forces 8 to 10;
→ = forces 5 to 7; → = forces 1 to 4;
○ = dead calm.

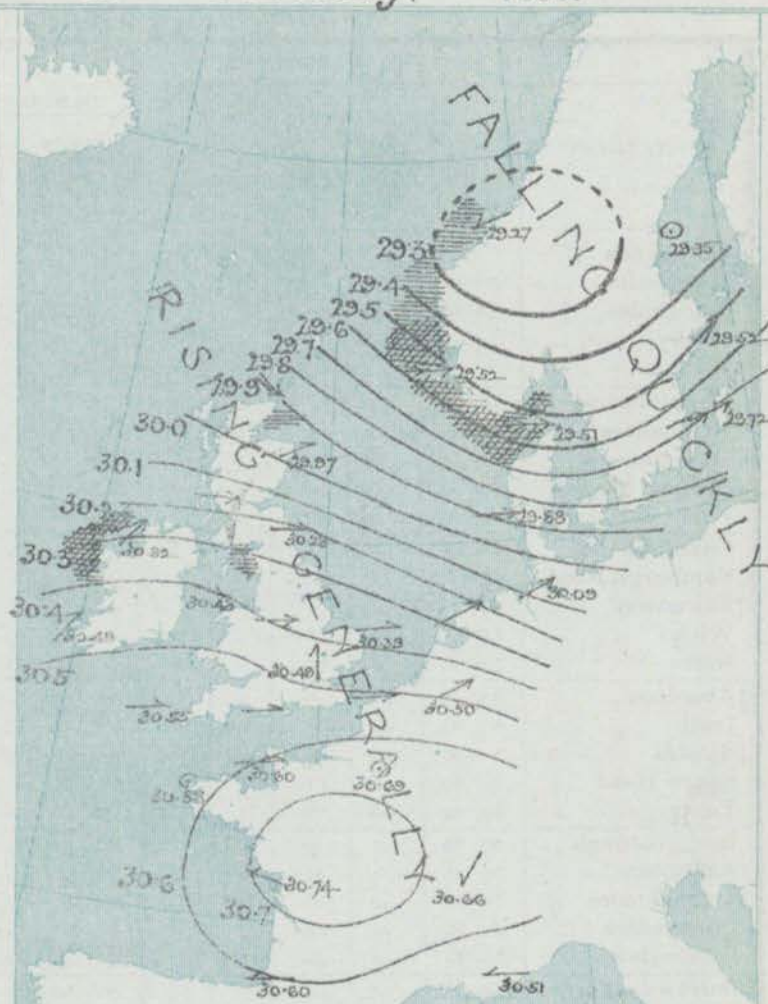
Sea Disturbance—where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.661
Stornoway	29.657
Wick	29.627
Nairn	29.728
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.846
Ardrossan	29.817
Donaghadee	29.828
Ballysheld	29.845
Liverpool	29.906
Valencia	29.852
Roch's Point	29.883
Pembroke	29.913
Scilly	29.953
Howe Castle	29.976
Dover	30.002
LONDON	30.081
Oxford	30.070
Cambridge	29.975
Yarmouth	29.964



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

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

Weather is shown by Letters of the Beaufort Scale.

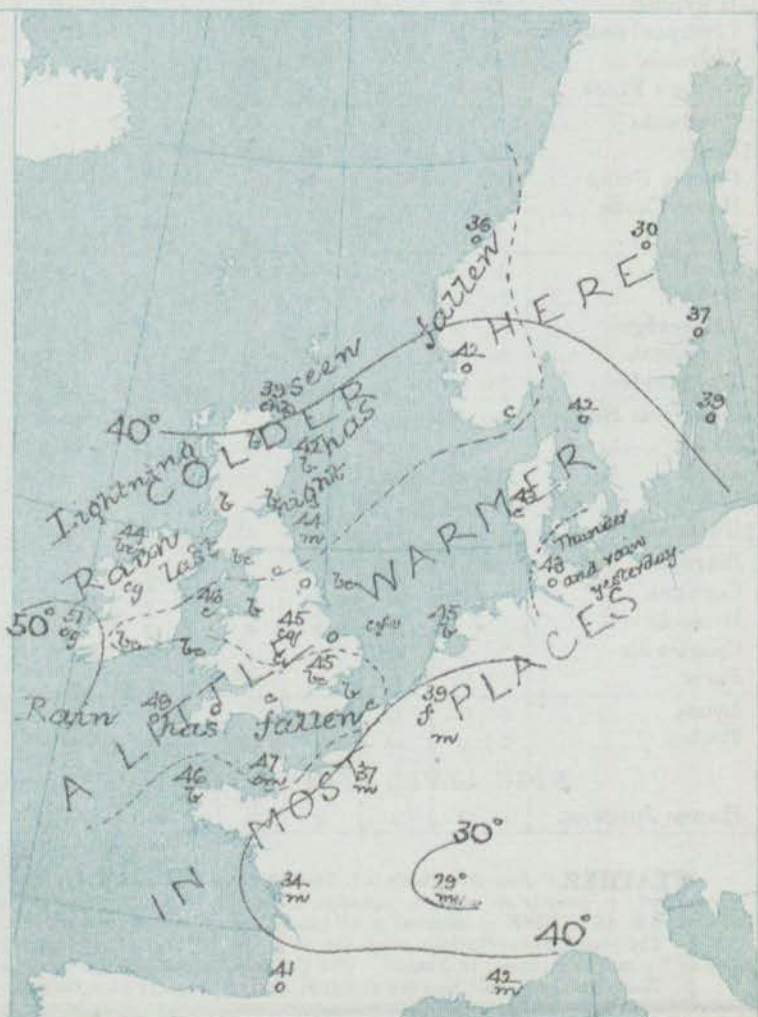
Rainfall—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL.
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	38.2	36.3	3.72
Stornoway	38.8	37.6	5.78
Wick	37.9	36.5	1.81
Nairn	36.9	35.3	1.09
Aberdeen	37.3	35.7	2.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	1.88
York	36.9	35.9	1.84
Ardrossan	40.1	38.4	4.86
Donaghadee	39.7	38.8	3.03
Ballysheld	41.7	40.3	3.73
Liverpool	38.9	37.3	2.45
Valencia	44.1	43.3	7.22
Roch's Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.13
Scilly	46.5	45.0	4.34
Howe Castle	40.7	40.0	3.38
Dover	39.6	38.4	3.03
LONDON	38.1	37.1	2.41
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.64
Yarmouth	37.8	37.1	2.24

Note—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1868—80.



REMARKS.

for Monday 21st January

1884, at 8 a.m.

The depression which lay to the northward of our Islands yesterday was succeeded last night by a new disturbance which appears to have travelled in very much the same direction as its predecessor. In its rear the barometer has risen in all parts of our Islands, while over Scandinavia and Denmark the mercury has continued to fall. An anticyclone in which readings exceed 30 ins. still lies over France; W^{ly} or SW^{ly} winds prevail at all but the French stations; over our Islands they are moderate or fresh in force, but in the south of Scandinavia fresh or strong gales are reported. W^{ly} gales were again experienced at some of the Scotch stations last night, and a whole gale from SW prevailed at Mullaghmore. The weather is at present fair in most places, but hail showers are reported at Wick. Lightning was observed last night at most of our western and northern stations. Temperature has fallen a few degrees in the north, and reading range from 51° at Valencia to 30° at Wick. Maxima exceeding 50° were again recorded yesterday in many parts of the Kingdom. The sea is high at Mullaghmore, and rough at Kinn and Banow-in-Guernsey, moderate or slight elsewhere.

The rise of the barometer which is in progress over our northern districts seems too brisk to last, and it is probable that fresh disturbances will shortly arrive on the Scotch coast.

NOTE. For information respecting Weekly Weather Report see memorandum on Page 4.

FORECASTS

for the 24 hours ending at NOON on 22nd JANUARY 1884.

(Issued at W. m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	W ^{ly} and SW ^{ly} winds, moderate to strong; fair to unsettled and showery.	6 { SCOTLAND WEST	W ^{ly} winds, strong and gusty; changeable, some showers.
1 { SCOTLAND EASTD.....D.....D.....	7 { ENGLAND N.W.D.....D.....D.....
2 { ENGLAND N.E.D.....D.....D.....	8 { ENGLAND S.W.	Same as No 5.
3 { ENGLAND EAST	Same as No 5.	9 { IRELAND NORTH	SW ^{ly} and W ^{ly} winds, strong; changeable, some showers.
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTHD.....D.....D.....
5 { ENGLAND SOUTH	W ^{ly} winds, moderate or fresh; cloudy, probably some showers.	WARNINGS	
		The south cone was hoisted on Saturday evening in districts 0, 1, 6, 7, 9, 10, and parts of 2 and 8, and is still flying.	

Summary of Changes in the Weather
over the
British Islands and their Neighbourhood
from the 13th to 19th January 1884.

The weather during this week was of a singularly quiet and uniform character; mild, cloudy, hazy in many places, but (except in the extreme N. & N.W.) dry. The week opened with the highest pressures (about 30.6 ins.) over the Bay of Biscay & off our S.W. coast, while the lowest (about 29.6 ins.) lay off the N. of Norway & over N. Europe. The winds over our Islands were consequently W. & of moderate force, while the same temperatures were very uniform between 42° & 48°, and the daily range was small. After Tuesday (15th) the high pressure area moved E^{ward} & took up a position over France, the Channel & our S. Counties. The position of the low pressure ^{area} in the North remained, however, but little changed. Then while the wind remained W. over the North Sea & over E. Counties it backed to the S.W. on our W. coast (& freshened), & to S.E. or E. over the Bay of Biscay. Temperature rose in the West, but changed little elsewhere, & it was not until the close of the period that any disturbed weather was experienced. A depression then came rapidly towards our extreme N.W. Coast & very severe gales from S.W. & W. were felt over Scotland & the W. of Ireland.

Weekly Weather Report

Memorandum

The Weekly Weather Report has now been considerably enlarged and is issued as an independent publication. Annual Subscription (post paid) £1-1-2; price of a single copy 4^d.

Copies will no longer be issued gratis with the Daily Weather Report, but a short summary of the previous week's weather appears on the fourth page of Monday's Daily Report.

The Weekly Weather Report is published by E. Stanford, 55 Charing Cross, London; and by J. D. Potter, 31 Poultry, London E.C. & 11 King Street, Tower Hill E.C. - from whom alone it can be obtained.

by order

(Signed) Robert H. Scott
Secretary

Meteorological Office

116 Victoria Street, London

DAILY WEATHER REPORT

for *Tuesday 23rd January 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.					
			Dir.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)		Weather.	Max.	Min.	Amount of Rainfall.		
Haparanda	29.39	17	N	2	b	29.16		22	23		S	4	c	*	32	16	-		
Hernösand ...	29.31	25	N	0	b	29.17	- .18	30	29	0	SW	8	s	*	45	21	-		
Stockholm ...	29.32	33	N	6	b	29.53	+ .01	34	32	- 3	S	6	o	*	41	32	0.08		
Wisby ...	29.61	38	W	9	o	29.76	+ .04	36	35	- 3	SW	6	o	*	41	36	-		
Bodö ...	29.37	27	E	2	b	28.58	- .59	31	29	+ 1	E	4	s	2	?	27	-		
Christiansund ...	29.56	37	W	4	o	28.91	- .36	42	38	+ 6	N	9	c	6	43	30	0.08		
Skudesnaes ...	29.95	44	W	8	o	29.45	- .07	46	44	+ 4	W	7	o	6	?	?	-		
Oxö (Xiusund) ...	29.97	43	W	6	b	29.49	- .02	45	44	+ 4	SW	9	h	5	?	?	0.20		
Skagen (The Skaw)	29.95	42	N	8	b	29.68	+ .07	44	44	+ 2	W	9	h	9	45	34	-		
Fanö ...																			
Cuxhaven ...	30.16	42	N	6	b	30.08	- .01	42	42	- 1	W	7	o	*	43	36	-		
Sumburgh Head																			
Stornoway ...	29.50	50	SSW	9	h	29.54	- .43	39	39	- 1	N	5	o	4	50	37	0.29		
Wick ...	29.55	46	SSW	6	b	29.53	- .40	38	36	- 1	W	5	o	3	50	37	0.09		
Nairn ...	29.73	50	W	7	b	29.60	- .39	43	41	+ 1	W	5	o	4	52	40	0.14		
Aberdeen ...	29.93	44	SSW	6	c	29.60	- .37	46	42	+ 4	W	3	o	3	52	40	-		
Leith ...	30.03	50	W	4	b	29.72	- .50	48	47	+ 5	W	4	o	*	52	43	0.10		
Shields ...	30.21	48	W	5	m	29.80	- .43	50	47	+ 6	W	3	o	2	50	40	-		
Spurn Head ...	30.36	44	SSW	4	b	30.01	- .29	46	44	+ 3	SW	5	c	2	46	41	-		
York ...	30.35	46	W	2	o	29.98	- .32	50	47	+ 5	SW	5	o	*	50	43	-		
Loughborough...	30.43	46	SW	2	b	30.09	- .28	48	45	+ 3	W	6	o	4	50	44	-		
Ardrossan ...	30.11	47	SSW	4	o	29.76	- .46	46	46	0	W	4	h	4	48	44	0.47		
Mullaghmore ...	30.04	49	SW	8	o	29.81	- .51	47	47	+ 3	SW	2	o	4	51	44	0.47		
Donaghadee ...	30.13	48	SSW	3	o	29.81	- .54	50	50	+ 9	W	6	h	4	50	40	0.03		
Parsonstown ...	30.25	48	SSW	2	c	29.94	- .50	51	50	+ 7	SW	3	h	*	53	42	-		
Barrow-in-Furness	30.31	46	S	5	b	29.91	- .39	47	46	+ 2	SSW	9	h	1	48	44	0.05		
Holyhead ...	30.35	47	SSW	4	o	30.01	- .42	49	48	+ 3	W	4	h	3	50	41	0.04		
Liverpool (Bidston)	30.36	49	SSW	3	b	29.99	- .37	51	48	+ 7	SW	6	o	4	51	44	-		
Valencia ...	30.29	51	SSW	7	o	30.02	- .47	53	53	+ 2	S	8	o	1	53	49	0.12		
Roche's Point ..	30.42	47	SW	5	o	30.10	- .30	50	50	+ 3	SW	6	h	5	52	46	0.10		
Pembroke ...	30.47	47	SSW	4	b	30.15	- .35	49	49	0	W	6	o	4	49	46	0.02		
Scilly ...	30.34	48	SSW	5	o	30.33	- .22	50	50	+ 1	SSW	6	m	6	51	49	-		
Prawle Point ...	30.57	46	SW	3	o	30.35	- .22	49	48	+ 1	SW	6	o	5	49	44	0.01		
Hurst Castle ...	30.55	47	W	3	c	30.37	- .16	47	46	+ 1	W	6	c	3	49	45	-		
Dover ...	30.53	45	W	1	b	30.36	- .11	46	45	+ 3	W	5	o	3	51	42	-		
London ...	30.52	47	SW	2	b	30.31	- .18	49	45	+ 4	W	5	c	*	52	45	-		
Oxford ...	30.48	48	SW	4	o	30.23	- .22	48	46	0	SW	6	c	*	52	45	-		
Cambridge ...	30.48	41	W	1	c	30.20	- .23	49	46	+ 3	SW	3	o	*	51	40	-		
Yarmouth ...	30.47	43	W	2	b	30.17	- .22	46	44	+ 1	SW	5	c	3	47	41	-		
The Helder ...	30.44	42	W	3	b	30.19	- .06	44	43	- 1	SW	7	c	4	45	43	-		
Cape Griz Nez...	30.53	46	W	3	b	30.36	- .14	45	44	- 1	W	5	o	4	48	45	-		
Jersey ...	30.62	46	SW	3	o	30.46	- .14	45	44	- 2	SW	5	c	4	48	44	0.01		
Brest ...	30.62	48	S	3	o	30.47	- .11	49	46	+ 3	SW	5	o	4	52	43	-		
Lorient ...	30.62	46	SW	4	c	30.49		48	44		W	5	o	3	50	41	-		
Rochefort ...	30.70	40	W	3	m	30.66	- .08	40	40	+ 6	SSW	1	m	0	45	30	-		
Biarritz ...	30.60	43	E	1	o	30.56	- .04	37	36	- 4	E	3	o	1	57	36	-		
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*														
Charleville ...	30.63	37	W	1	o	30.53	?	37	36	+ 5	SW	4	o	*	37	?	0.02		
Paris ...	30.74	42	SW	1	o	30.62	- .07	38	37	+ 1	W	1	f	*	?	?	-		
Lyons ...	30.72	32	W	1	m	30.65	- .01	34	33	+ 5	S	1	f	*	?	?	-		
Toulon ...	30.56	47	SE	1	m	30.58	+ .07	43	42	+ 1	E	3	c	2	50	41	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.04	42	W	2	o	28.66	- .34	43	43	+ 5	W	4	h	*	44	29	0.42		

EXPLANATION OF COLUMNS.

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

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

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

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

WEATHER CHARTS

for 8 a.m. on Tuesday, 22nd January 1884.

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—

— = force above 10, — = forces 8 to 10,

— = forces 5 to 7, — = forces 1 to 4,

○ = dead calm.

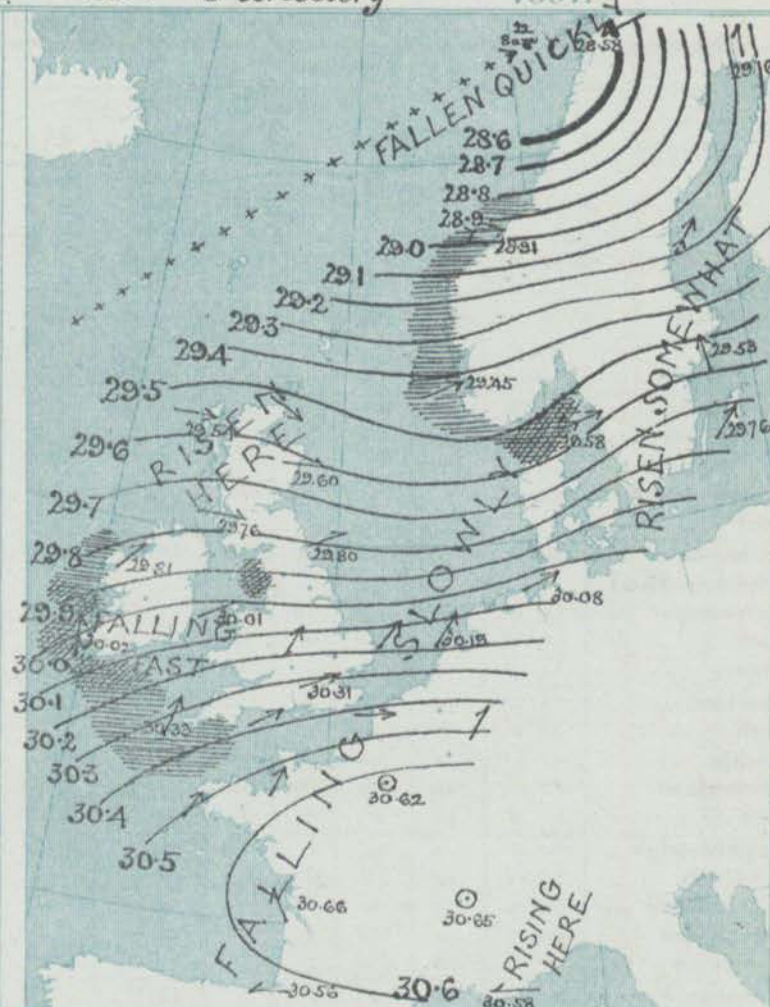
Sea Disturbance—where considerable is shown thus

— = Rough, — = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.661
Stormoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.810
Shields	29.667
York	29.946
Ardrossan	29.877
Donaghadee	29.828
Ballyhead	29.835
Liverpool	29.906
Valencia	29.852
Roches Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.976
Yarmouth	29.964



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.

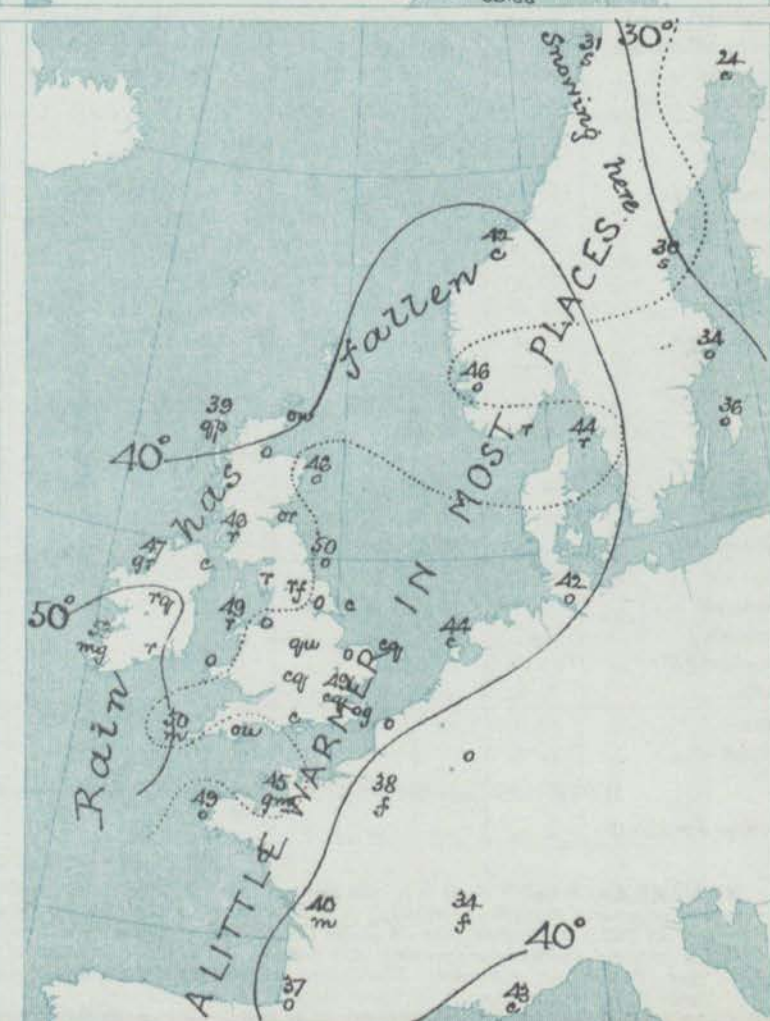
Rainfall—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE at 8 A.M., AND RAINFALL.

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	39.2	36.3	3.72
Stormoway	38.9	37.6	5.28
Wick	37.9	36.5	1.60
Nairn	36.9	35.3	1.20
Aberdeen	37.3	36.7	2.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	1.88
York	36.9	35.9	1.88
Ardrossan	40.1	38.4	4.86
Donaghadee	39.7	38.8	3.03
Ballyhead	41.7	40.3	3.73
Liverpool	38.8	37.3	2.45
Valencia	44.1	43.3	7.22
Roches Point	45.1	42.0	5.68
Pembroke	42.8	41.3	4.10
Scilly	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.38
Dover	39.6	38.4	3.03
LONDON	38.1	37.1	2.41
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.64
Yarmouth	37.8	37.1	2.24

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 22nd January

1884. at 8 a.m.

In the course of the past twenty-four hours rough, unsettled weather has extended to all parts of our Islands. A new and very deep depression passed along the west coast of Scotland last night, and, although this is now travelling away to the northward another disturbance is apparently advancing towards Ireland, so that the barometer is falling at all but our extreme northern stations. The wind remains E^{ly} in the south of France, but is fresh or strong from S.W. or W. in all other parts of Western Europe with strong gales in the south of Norway. A strong to whole gale from S.W. was again experienced over Scotland and the north of Ireland last night. The weather is cloudy or overcast in almost all places, with rain at several of our western and northern stations. Temperature has risen a little in most parts of the Kingdom, and readings now range from 53° at Valencia to 38° at Kiel. During yesterday the thermometer again rose above 50° at almost all our stations. The sea is very high at the Scour, and rough on all our western and south-western coasts.

The new depression which is advancing towards the west of Ireland is likely to travel in an ENE^{ly} direction and will probably occasion gales on all our eastern and southern coasts.

FORECASTS

for the 24 hours ending at NOON on 23rd January 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SW ^{ly} and W ^{ly} winds, strong, a gale at times, unsettled showery.	6 { SCOTLAND WEST	Same as Nos 0 and 1.
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	Same as Nos 0 and 1.
2 { ENGLAND N.E.	Same as No 5.	8 { ENGLAND S.W.	SW ^{ly} to W ^{ly} strong winds and gales; squally, rainy.
3 { ENGLAND EAST	Same as No 5.	9 { IRELAND NORTH	W ^{ly} winds, strong, a gale at times, squally, showery.
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	SW ^{ly} winds, strong to a gale; dull, squally, rainy.	WARNINGS	
		The south cone was re-hoisted last evening in the W. and N. and warnings were extended to the S. and E. coasts also.	

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.81	43	40	N.W.	9	C	6	Valencia	30.41	50	50	SW	6	o m d	6
Sumburgh Head								Scilly	30.57	49	48	SW	3	m	4
Stornoway	29.85	46	45	SSW	8	o m	6	Dover	30.52	50	47	N.W.	2	b	1
Aberdeen	30.07	44	41	S	4	b	2	London	30.53	52	47	W	2	o	*
Shields	30.24	47	43	W	4	o m	2	Yarmouth	30.46	47	44	W	3	b m	2
Ardrossan	30.21	46	44	SSW	4	o	3	Jersey	30.63	47	47	N.W.	2	f	3
Mullaghmore	30.18	50	48	SW	7	o g m	7	Rochefort	30.75	41	39	SSW	3	m	2
Holyhead	30.42	49	47	SSW	3	o	3								

REMARKS.

The barometer is again falling briskly in the N. of Ireland, where also the wind is increasing from the SW⁴. At Wick the appearance is reported to be very threatening. At our S² and E² stations the barometer still rises slowly, with light or moderate W⁴ breezes and generally fair weather. The sea is slight at Holyhead, smooth at Dover.

DAILY WEATHER REPORT

for *Wednesday 23rd January 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).		SHADE TEMP.		Amount of Rainfall.
			Dirce.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).				Max.	Min.	
Haparanda	28.58	24	S	2	5		28.59	- .7	19	19	- 5	2	0	5	*		27	14	0.12
Hernösand	28.57	31	SW	2	5		28.53	- .4	35	35	+ 5	NW	8	0	*		36	14	-
Stockholm ...	29.12	38	W	6	5		29.05	- .7	34	32	0	W	6	6	*		43	27	-
Wisby ...	29.32	41	WSW	8	0		29.28	- .4	38	37	+ 2	WNW	6	0	*		43	32	-
Bodö	28.36	37	W	2	0		28.40	- .4	32	31	+ 1	NW	8	0	*		32	28	-
Christiansund ...	28.68	37	WSW	9	m		29.00	+ .09	38	28	- 9	NW	9	60	7		?	27	0.89
† Skudesnaes ...	29.28	41	W	8	0		29.34	- .11	37	33	- 9	WNW	8	0	*		46	?	-
Oxö (Kilansund) ...	29.31	42	W	6	0		29.28	- .11	38	35	- 7	W	6	60	6		45	36	0.04
Skagen (The Skaw)	29.24	42	W	6	0		29.23	- .1	39	35	- 8	WNW	9	6	9		46	37	-
Fanö ...	29.39	44	WSW	6	1		29.56	- .26	39	38	+ 5	W	6	60	*		45	37	0.33
Cuxhaven ...	29.23	44	WSW	8	1		29.70	- .38	42	42	0	WNW	4	60	*		46	35	0.40
† Sumburgh Head																			
† Stornoway ...	29.47	37	W	4	om		29.20	- .34	40	40	+ 1	S	7	100	6		40	32	0.24
Wick ...	29.42	35	W	3	60		29.27	- .26	38	34	0	S	3	00	2		40	30	0.17
Nairn ...	29.48	38	WSW	2	0		29.34	- .26	37	35	- 6	SE	3	0	2		43	33	0.02
† Aberdeen ...	29.47	41	W	2	0		29.45	- .15	36	34	- 10	S	1	0	1		47	33	-
Leith ...	29.54	45	W	2	1		29.43	- .29	41	39	- 7	SSE	1	00	*		48	37	0.32
† Shields ...	29.59	33	WSW	4	m		29.53	- .27	42	40	- 8	SSW	5	00	2		54	40	0.14
Spurn Head ...																			
York ...	29.65	53	SSW	5	0		29.63	- .35	42	41	- 8	S	1	1	*		54	41	0.12
Loughborough...	29.82	51	SW	7	1		29.69	- .40	45	44	- 3	SSE	2	00	*		54	45	0.28
† Ardrossan ...	29.56	42	W	2	om		29.33	- .43	44	43	- 2	SSE	4	1	3		47	41	0.47
† Mullagmore ...	29.61	44	W	5	om		29.04	- .77	44	42	+ 2	S	8	00	6		51	44	0.91
Donaghadee ...	29.84	44	W	3	1		29.36	- .46	44	44	- 6	WSW	4	1	2		54	40	0.45
Parsonstown ...	29.73	56	SW	5	1		29.33	- .61	53	52	+ 2	SW	5	100	*		55	46	0.55
Barrow-in-Furness	29.59	49	SW	8	1		29.49	- .42	42	42	- 5	SE	6	1	7		55	42	0.35
† Holyhead ...	29.73	51	SSW	5	0		29.39	- .62	48	47	- 1	S	3	1	3		53	43	0.31
Liverpool (Bidston)	29.67	51	SW	6	1		29.54	- .45	43	43	- 8	SE	3	1	3		54	43	0.24
† Valencia ...	29.67	54	WSW	8	om		29.46	- .56	55	54	+ 2	SW	9	00	7		55	49	0.56
Roche's Point ..	29.89	49	WSW	6	1		29.53	- .57	52	52	+ 2	WSW	7	1	5		54	47	0.66
Pembroke ...																			
† Scilly ...	30.16	32	SW	7	m		29.68	- .45	52	52	+ 2	SW	7	m	7		53	48	0.05
Prawle Point ...	30.15	?	SW	7	0		29.68	- .47	50	50	+ 1	SW	6	1	6		50	47	0.23
Hurst Castle ...	30.04	49	WSW	7	0		29.85	- .51	49	49	+ 2	SW	8	00	4		50	46	0.06
† Dover ...	30.11	47	WSW	6	om		29.87	- .49	48	47	+ 2	WNW	5	00	4		51	45	0.16
† London ...	30.03	51	WSW	7	00		29.81	- .53	51	50	+ 2	WSW	2	0	*		53	48	0.14
Oxford ...	29.93	52	SW	6	0		29.77	- .46	51	50	+ 3	SW	4	100	*		53	48	0.04
Cambridge ...	29.90	53	SW	4	0		29.75	- .45	51	50	+ 2	SW	1	0	*		55	47	0.04
† Yarmouth ...	29.86	50	WSW	6	00		29.76	- .41	43	42	- 3	SSE	3	00	3		51	42	0.08
The Helder ...	29.79	46	SW	8	1		29.81	- .38	43	42	- 1	WNW	1	0	3		48	43	0.67
Cape Griz Nez...	30.13	46	W	9	0		29.90	- .46	48	48	+ 3	WSW	7	1	5		48	45	0.20
† Jersey ...	30.31	48	SW	6	00		30.03	- .43	51	50	+ 6	SW	6	00	4		51	44	-
Brest ...	30.34	50	SW	5	0		30.11	- .36	51	51	+ 2	WSW	7	m	5		52	43	-
Lorient ...																			
† Rochefort ...	30.62	39	SW	3	m		30.48	- .18	42	41	+ 2	S	7	m	2		43	32	-
Biarritz ...	30.57	41	SE	1	C		30.56	- .00	43	40	+ 6	S	3	0	3		46	?	-
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*		29.94		46	46		WSW	8	1	*		47	41	0.12
Charleville ...	30.36	35	SE	1	0		30.11	- .42	41	40	+ 4	SE	1	0	*		?	35	0.28
Paris ...	30.46	39	S	1	0		30.28	- .34	45	44	+ 7	S	4	0	*		*	*	-
Lyons ...	30.56	31	S	1	m		30.49	- .16	27	?	- 7	SSW	1	1	*		?	27	?
Toulon ...	30.59	46	W	1	C		30.51	- .07	42	39	- 1	WNW	3	m	2		52	39	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.95	47	WSW	7	1		28.30	- .36	38	37	- 5	WSW	9	0	*		47	36	2.01

EXPLANATION OF COLUMNS.

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

Printed by Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on *Wednesday 23rd January, 1884.*

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.

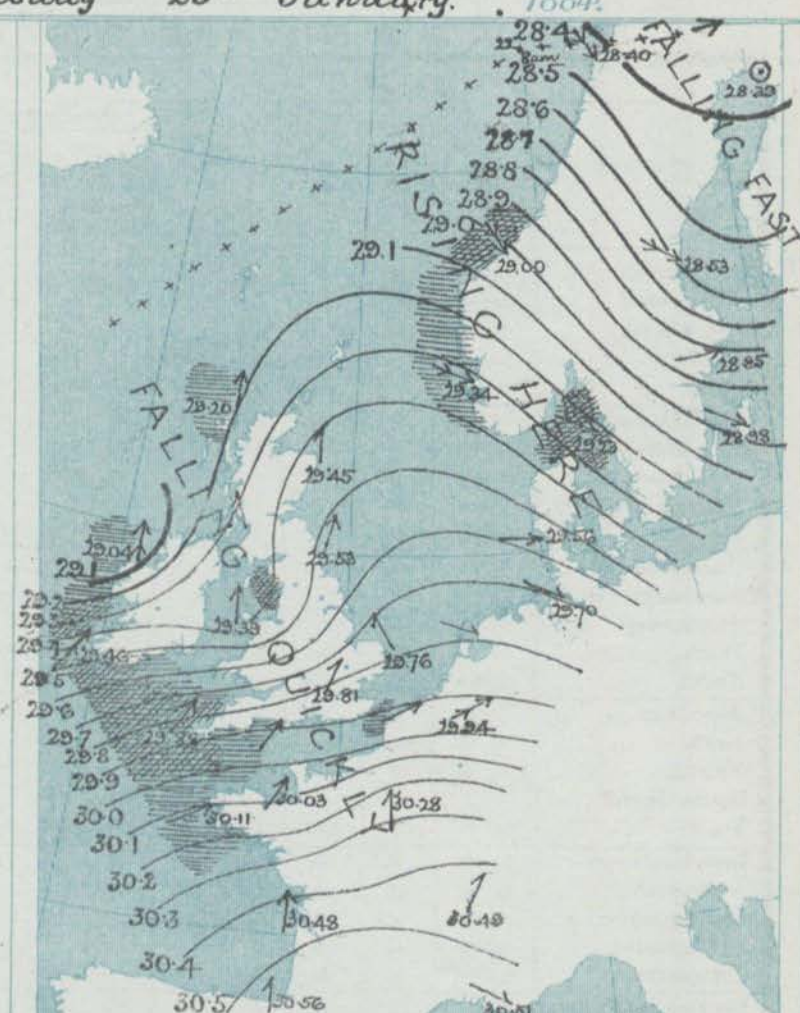
Sea Disturbance—where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.681
Stornoway.	29.657
Wick.	29.697
Nairn.	29.729
Aberdeen.	29.763
Leith.	29.819
Shields.	29.867
York.	29.916
Ardrossan.	29.877
Donaghadee.	29.838
Holyhead.	29.875
Liverpool.	29.806
Valencia.	29.852
Rock's Point.	29.883
Pembroke.	29.913
Scilly.	29.953
Hurst Castle.	29.975
Dover.	30.002
LONDON.	29.987
Oxford.	29.970
Cambridge.	29.975
Yarmouth.	29.963



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.

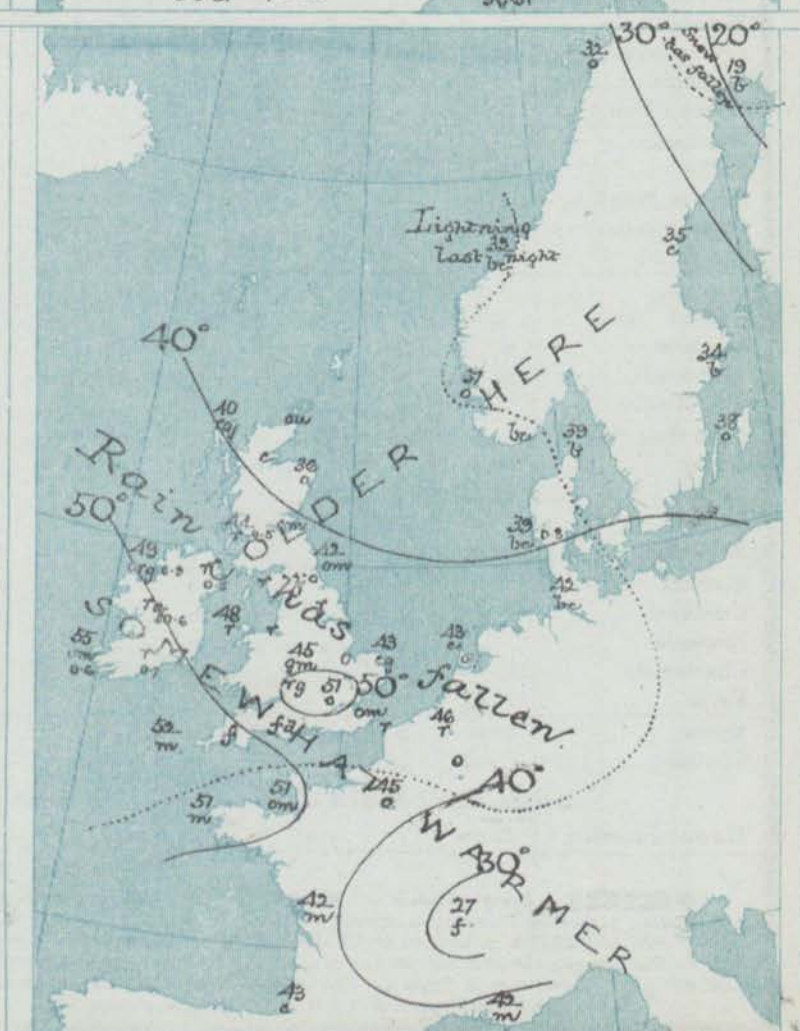
Rainfall—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	39.2	34.3	3.72
Stornoway.	38.8	37.6	5.20
Wick.	37.9	36.5	7.80
Nairn.	36.8	35.3	1.99
Aberdeen.	37.3	36.7	2.42
Leith.	38.2	37.2	2.02
Shields.	37.8	36.6	1.88
York.	36.9	35.8	1.88
Ardrossan.	40.1	38.4	4.86
Donaghadee.	39.7	38.8	3.03
Holyhead.	41.7	40.3	3.73
Liverpool.	38.8	37.3	2.46
Valencia.	44.1	43.3	7.22
Rock's Point.	46.1	42.0	5.68
Pembroke.	42.8	41.3	4.13
Scilly.	46.5	45.0	4.24
Hurst Castle.	40.7	40.0	3.38
Dover.	39.6	38.4	3.03
LONDON.	38.1	37.1	2.41
Oxford.	37.6	36.6	2.53
Cambridge.	36.5	35.7	1.04
Yarmouth.	37.8	37.1	2.34

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



for Wednesday 23rd January. 1884. at 8 a.m.

At the summit of Ben Lewis the barometer at 8 am stood at 24.67 ins., having fallen 0.36 in. since 4 am. The wind was blowing a moderate gale from S.

The depression in the west will probably move eastward, and strong SWth to Wth gales are likely over the whole of Ireland and England.

for the 24 hours ending at NOON on 24th JANUARY 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.		FORECASTS.	
0	SCOTLAND NORTH	SE to SW winds, strong at times; unsettled, rainy.	
1	SCOTLAND EAST	-----D-----D-----D-----	
2	ENGLAND N.E.	Same as No 5.	
3	ENGLAND EAST	Same as No 5.	
4	MIDLAND COUNTIES	Same as No 5.	
5	ENGLAND SOUTH	SW to W strong winds and gales; squally, rainy.	
6	SCOTLAND WEST	SW to W strong winds and gales; squally, rain at times.	
7	ENGLAND N.W.	-----D-----D-----D-----	
8	ENGLAND S.W.	SW to W strong winds and gales; squally and rainy at first, some improvement later.	
9	IRELAND NORTH	-----D-----D-----D-----	
10	IRELAND SOUTH	-----D-----D-----D-----	
WARNINGS		The Southw cone is still up on all Coasts.	

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.41	43	39	N	8	0	7	Valencia	29.88	55	52	SW	9	Amg	8
Sumburgh Head								Scilly	30.23	53	52	SW	7	0	6
Sornoway	29.50	39	39	SW	5	q.p	4	Dover	30.20	46	45	WSW	7	om	5
Aberdeen	29.57	46	43	WSW	2	0	3	London	30.15	52	50	SW	6	odg	*
Shields	29.64	54	51	WSW	4	0	2	Yarmouth	30.00	51	48	WSW	6	cq	3
Ardrossan	29.56	45	45	WSW	2	1	2	Jersey	30.36	48	47	SW	5	0	4
Mullaghmore	29.69	51	51	WSW	6	1	5	Rochefort	30.64	39	38	E	2	m	2
Holyhead	29.83	50	49	SW	5	09	5								

REMARKS.

The barometer continues to fall generally - most in the W - and gradients over England and Ireland are now very steep. Strong SW or W winds are general and a SW ¹/₂ gale is reported at Valencia. The weather is dull, with mist in many places. The sea is rather rough both at Holyhead and Dover.

DAILY WEATHER REPORT

for *Thursday 24th January 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.				
			Direc.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).	Weather.	Max.		Min.	Amount of Rainfall.			
Haparanda																			
Hernösand ...																			
Stockholm ...																			
Wisby ...																			
Bodö																			
Christiansund ...																			
† Skudesnaes ...																			
Oxö (Klansund) ...																			
Skagen (The Skaw)																			
Fanö ...																			
Cuxhaven ...	29.29	44	S	6	A	28.79	- .91	42	42	0	44	8	A	*	16	40	0.72		
† Sumburgh Head																			
† Stornoway ...	28.90	39	NW	4	O	29.29	+ .09	34	33	- 6	44	7	S	5	41	32	1.08		
Wick ...	28.80	38	SE	7	A	29.24	- .03	31	30	- 7	44	5	S	5	39	30	0.54		
Nairn ...	28.72	37	E	6	A	29.38	+ .04	34	33	- 3	44	6	O	A	38	32	0.85		
† Aberdeen ...	28.53	39	SE	5	A	29.34	- .11	34	31	- 2	44	4	B	5	40	33	0.87		
Leith ...	28.57	38	SW	6	C	29.51	- .08	34	32	- 7	44	3	bm	*	47	32	0.21		
† Shields ...	28.54	46	WNW	9	A	29.52	- .01	35	32	- 7	44	6	m	A	51	34	0.44		
Spurn Head ...																			
York ...	28.87	45	W	8	B	29.62	- .01	36	34	- 6	44	2	B	*	54	35	0.57		
Loughborough...	29.16	46	WSW	8	B	29.74	+ .05	37	34	- 8	44	5	bcq	*	53	37	0.59		
† Ardrossan ...	28.71	42	WNW	10	A	29.57	+ .24	36	36	- 8	44	6	bcq	*	49	35	0.42		
† Mullaghmore ...																			
Donaghadee ...	29.13	44	NW	7	B	29.70	+ .35	36	34	- 8	44	5	B	3	50	34	0.58		
Parsonstown ...																			
Barrow-in-Furness	28.93	44	W	11	O	29.63	+ .14	39	37	- 3	44	6	B	7	49	38	0.78		
† Holyhead ...	29.17	46	WNW	7	Aq	29.81	+ .42	39	37	- 9	44	5	B	6	51	38	0.26		
Liverpool (Bidston)	29.06	45	WSW	9	O	29.70	+ .16	39	36	- 4	44	7	B	6	53	39	0.40		
† Valencia ...	29.80	43	WNW	2	qmp	30.03	+ .57	43	41	- 12	44	6	cp	6	55	38	0.19		
Roche's Point ..	29.67	42	WNW	8	A	29.99	+ .46	39	37	- 13	44	2	B	4	53	37	0.16		
Pembroke ...	29.42	47	W	9	C	29.93	+ .30	41	38	- 9	44	6	cp	4	51	41	0.26		
† Scilly ...	29.78	48	WNW	8	Oq	30.06	+ .18	45	43	- 7	44	6	cp	7	53	45	0.07		
Prawle Point ...	29.66	46	W	9	O	30.00	+ .12	39	37	- 11	44	4	B	5	51	38	0.08		
Hurst Castle ...	29.33	47	W	6	B	29.91	+ .05	40	38	- 9	44	6	B	6	53	38	0.18		
† Dover ...	29.33	50	WSW	6	cp	29.75	- .12	39	35	- 9	44	6	B	5	51	38	0.12		
London...	29.30	47	W	8	cp	29.79	- .02	39	35	- 12	44	5	B	*	54	39	0.11		
Oxford ...	29.38	44	WSW	7	O	29.82	+ .05	37	35	- 14	44	4	B	*	55	37	0.23		
Cambridge ...	29.20	45	SW	4	B	29.74	- .01	37	35	- 14	44	2	B	*	56	36	0.15		
† Yarmouth ...	29.10	48	W	8	bcq	29.58	- .18	38	35	- 5	44	7	bcq	5	53	36	0.28		
The Helder ...																			
Cape Griz Nez...																			
† Jersey ...	29.75	50	W	8	cm	30.02	- .01	43	39	- 8	44	6	bm	5	53	40	0.03		
Brest ...	29.91	50	NW	7	B	30.08	- .03	44	41	- 7	44	5	C	5	52	41	-		
Lorient ...	29.96	50	NW	8	m	30.15	-	45	41	-	44	7	C	4	54	41	0.04		
† Rochefort ...	30.22	51	SW	2	A	30.25	- .23	46	45	+ 4	44	5	O	2	54	41	0.20		
Biarritz ...	30.35	50	W	3	B	30.22	- .34	52	49	+ 9	44	4	O	3	54	?	0.04		
Corunna ...																			
Brussels ...																			
Charleville ...	29.61	45	SSW	5	O	29.75	- .36	40	38	- 1	44	8	B	*	48	38	0.39		
Paris ...	29.87	47	S	5	O	29.99	- .29	42	39	- 3	44	3	B	*			0.12		
Lyons ...																			
Toulon ...	30.32	44	WNW	5	m	30.12	- .39	45	43	+ 3	44	5	f	4	48	41	-		

HIGH LEVEL STATION.

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

Hawes Junction	27.74	37	WNW	9	A	27.80	- .50	32	31	- 6	44	4	B	*	47	?	0.75
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EXPLANATION OF COLUMNS.

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

for 8 a.m. on Thursday, 24th January, 1884.

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 backs and feathers refer to force, thus—

→ = force above 10; →→ = force 8 to 10;

→→ = force 5 to 7; →→ = force 1 to 4;

○ = dead calm.

Sea Disturbance—where considerable is shown thus

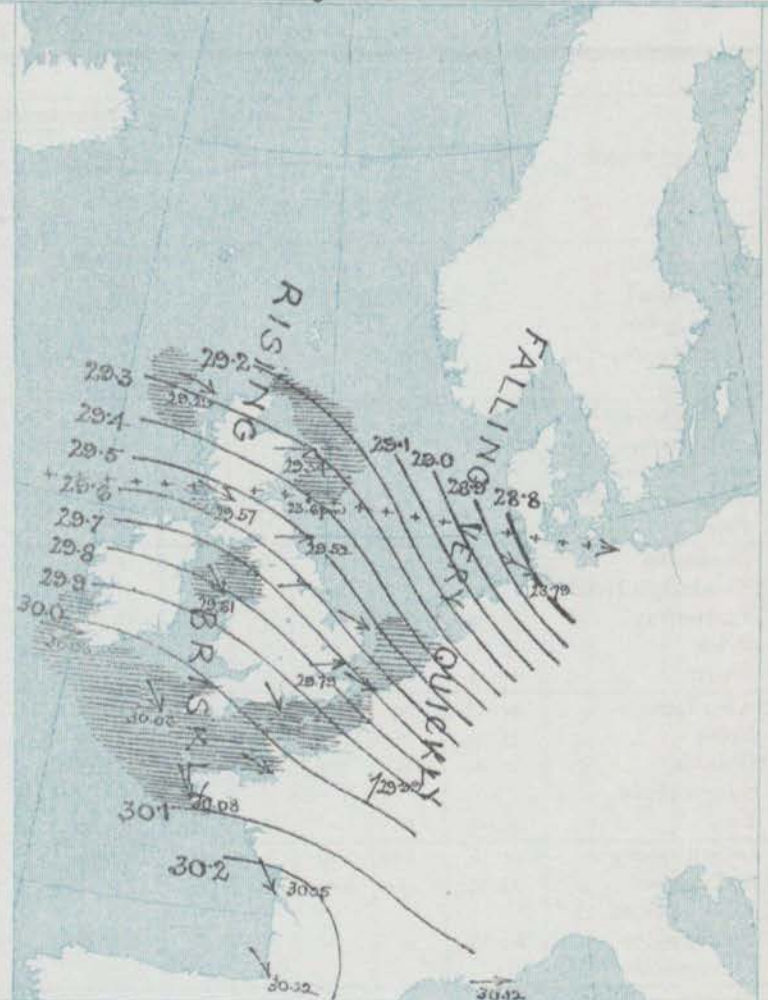
▨ = Rough ▨ = High

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of January

During the 10 years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.681
Stormoway	29.657
Wick	29.691
Nairn	29.728
Aberdeen	29.763
Leith	29.710
Shields	29.807
York	29.916
Ardrossan	29.877
Donaghadee	29.838
Malinbeg	29.835
Liverpool	29.906
Valencia	29.852
Rock's Point	29.868
Pembroke	29.913
Scilly	29.955
Harst Castle	29.975
Dover	30.002
LONDON	30.081
Oxford	30.079
Cambridge	30.075
Yarmouth	30.064



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.

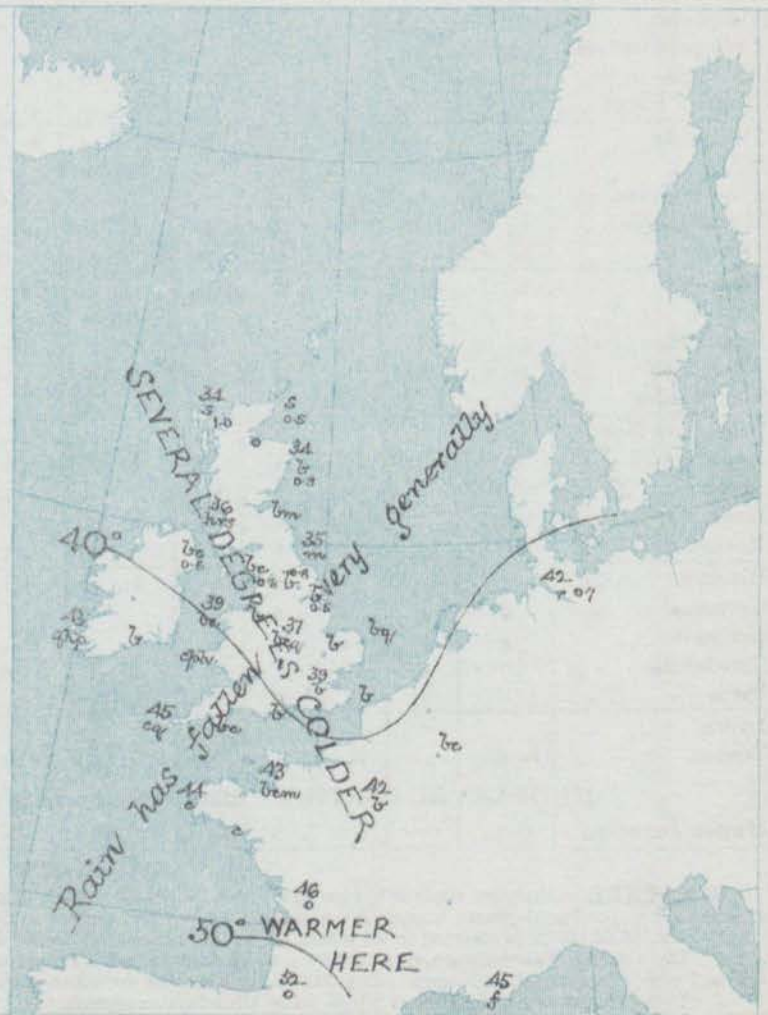
Rainfall—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE at 8 A.M., AND RAINFALL.

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb	Wet Bulb	
Sumburgh Head	39.2	38.0	3.72
Stormoway	38.8	37.6	5.29
Wick	37.9	36.5	1.86
Nairn	36.9	35.3	1.99
Aberdeen	37.3	36.7	2.42
Leith	38.2	37.2	2.08
Shields	37.5	36.6	1.88
York	36.9	35.9	1.88
Ardrossan	40.1	39.4	4.86
Donaghadee	39.7	38.6	3.05
Malinbeg	41.7	40.3	3.73
Liverpool	38.9	37.3	2.45
Valencia	44.1	43.3	7.22
Rock's Point	43.1	42.0	5.68
Pembroke	42.8	41.8	4.18
Scilly	46.3	45.0	4.24
Harst Castle	40.7	40.0	3.38
Dover	39.6	38.4	3.03
LONDON	33.1	37.1	2.41
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.64
Yarmouth	37.8	37.1	2.24

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1868—80.



REMARKS.

for Thursday 24th January

1884. at 8 a.m.

The depression which was approaching our western coast yesterday morning proved to be one of considerable depth and in the course of the day its centre passed in an easterly direction across Scotland occasioning a rapid fall of the barometer in all parts of the country. This morning the disturbance is travelling away to the eastward of Denmark, and the barometer is rising in all parts of our islands and France, but gradients are still steep - especially over the North Sea. Strong W^{ly} or NW^{ly} winds are reported generally, and at Loughaven there is a fresh gale. In the course of yesterday severe SW^{ly} to W^{ly} gales were experienced over the whole Kingdom. Snow is falling in the north of Scotland, and hail showers at several of our western stations, but in the E. and S. the weather is fine and bright. Rain fell generally yesterday, the heaviest amount being 1.1 in. at Stromway, 0.9 in. at Aberdeen and 0.8 in. at Barrow in Linness. Temperature has fallen several degrees, and readings range from 45° at Lillie to 31° at Wick. The sea is high at Barrow in Linness and Lillie, rough on all other coasts. The Scandinavian reports have not yet arrived. 11.30 a.m.

There is at present no indication of the approach of any fresh disturbance, but conditions are by no means settled.

FORECASTS

for the 24 hours ending at NOON on 25th January 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

W^{ly} winds, moderating;
changeable, snow showers.

6 { SCOTLAND
WEST

Same as No 1 and 2.

1 { SCOTLAND
EAST

W^{ly} winds, fresh; fair generally.

7 { ENGLAND
N.W.

Same as No 1 and 2.

2 { ENGLAND
N.E.

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

8 { ENGLAND
S.W.

W^{ly} and NW^{ly} winds, strong;
changeable, some cold showers.

3 { ENGLAND
EAST

Same as No 5.

9 { IRELAND
NORTH

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

4 { MIDLAND
COUNTIES

Same as No 5.

10 { IRELAND
SOUTH

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

5 { ENGLAND
SOUTH

NW^{ly} to W^{ly} winds, fresh or strong;
fair generally.

WARNINGS

None Issued.

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.														
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes	29.15	37	33	E 14 E	1	0	Valencia	29.60	47	46	W 14 W	0	0 m qf	8
Sumburgh Head							Scilly	29.69	53	52	W	8	h	1
Stornoway	28.76	37	34	E 14 E	5	5	Dover	29.50	49	48	W 8 W	7	0 m v h	5
Aberdeen	28.76	37	36	SSE	7	h	London	29.40	53	52	W 8 W	8	0 qf h	*
Shields	28.81	50	45	W 8 W	7	6 m	Yarmouth	29.25	58	57	SW	7	0 qf	h
Ardrossan	28.56	45	44	SW	8	h	Jersey	29.78	52	52	SW	8	0	6
Mullaghmore							Rochefort	30.35	50	50	SW	8	h	2
Holyhead	29.13	45	43	W 14 W	7	h qf								

REMARKS.

The centre of a very deep depression has advanced to the W. of Scotland, and at Ardrossan the barometer has fallen 0.8 in. since the morning. At Valencia a recovery of pressure is reported. SW^{ly} and W^{ly} gales are blowing over the whole of Ireland and England and S^{ly} gales in the E. of Scotland, with squally, rainy weather in all districts. The sea is rough both at Holyhead and Darn.

DAILY WEATHER REPORT

for *Friday 25th January 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.			Max.	Min.	Amount of Rainfall.
			Dir.	Force. (0 to 12)			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)			Max.	Min.	Amount of Rainfall.			
Haparanda	29.00	5	SW	2	6	29.02	+35	-11	-11	-28	23	0	6	18	-13	0.02			
Hernösand ...	29.12	11	2	0	6	29.00	+09	10	9	-4	23	0	6	27	7	-			
Stockholm ...	29.30	16	SSW	2	6	29.24	+21	26	24	+7	SW	2	6	28	16	-			
Wisby ...	29.30	29	W	6	6	29.37	+43	33	32	+3	W	6	6	24	28	-			
Bodö ...	28.90	72	WNW	2	0	28.66	-23	21	19	-2	SEW	6	0	27	16	-			
Christiansund ...	28.76	33	WSW	6	0	28.58	-18	31	30	+3	WSW	3	4	?	25	-			
† Skadesnaes ...	29.19	37	W	8	0	28.84	-35	13	10	+3	WSW	6	0	?	34	0.35			
Oxö (Ålansund) ...	29.22	35	WSW	6	0	29.03	+26	41	40	+12	SW	9	4	?	32	0.12			
Skagen (The Skaw)	29.31	36	W	3	0	29.23	+66	36	35	+5	SW	7	4	37	28	-			
Fanö ...	29.52	38	W	6	6	29.39	+57	41	39	+7	WSW	6	0	41	34	-			
Cuxhaven ...	29.44	39	WNW	6	0	29.62	+83	37	37	-5	WSW	5	6	43	35	-			
† Sumburgh Head	29.04	34	W	5	0	28.58	-46	35	33	0	WSW	7	0	39	29	0.17			
† Stornoway ...	29.27	35	SEW	4	0	28.82	-45	34	33	0	W	6	0	38	31	0.58			
Wick ...	29.24	32	WNW	5	0	28.77	-47	32	31	+1	W	5	6	35	31	0.10			
Nairn ...	29.36	35	SW	3	0	28.99	-42	32	31	-2	SW	2	0	37	31	0.22			
† Aberdeen ...	29.42	34	W	4	6	29.00	-36	35	33	+1	W	4	6	38	33	0.01			
Leith ...	29.64	35	SW	4	6	29.11	-40	38	36	+4	W	5	6	41	34	0.26			
† Shields ...	29.64	38	W	4	6	29.25	-27	40	38	+5	W	7	4	43	34	0.02			
Spura Head ...	29.75	39	WSW	5	6	29.41	-09	41	39	+2	SW	6	4	41	36	-			
York ...	29.75	38	W	2	6	29.41	-21	43	40	+7	WSW	3	6	43	35	0.06			
Loughborough...	29.85	38	WSW	3	6	29.34	-20	41	40	+4	WSW	7	6	43	36	-			
† Ardrossan ...	29.57	40	WNW	5	4	29.17	-40	39	37	+3	WSW	7	6	43	34	0.25			
† Mullaghmore ...	29.64	40	WSW	6	0	29.33	-31	42	39	+3	W	8	6	45	36	0.26			
Donaghadee ...	29.67	39	SW	3	0	29.31	-39	39	38	+3	WNW	6	4	41	33	0.05			
Parsonstown ...	29.82	41	W	3	0	29.51	-39	41	38	+5	SW	1	0	44	35	0.21			
Barrow-in-Furness	29.73	42	W	6	0	29.37	-26	44	41	+5	SW	5	4	44	37	0.13			
† Holyhead ...	29.81	44	W	4	0	29.49	-32	44	41	+5	W	5	6	45	36	-			
Liverpool (Bidston)	29.79	40	WSW	4	0	29.43	-27	44	40	+5	WSW	6	4	45	39	-			
† Valencia ...	29.96	46	W	6	0	29.64	-39	43	41	-1	WNW	6	6	48	41	0.24			
Roche's Point ...	29.94	42	W	3	6	29.64	-35	44	43	+5	W	3	4	49	38	0.10			
Pembroke ...	29.92	45	W	6	0	29.59	-34	47	45	+6	WSW	7	0	47	38	0.07			
† Scilly ...	30.06	47	W	4	0	29.82	-24	49	47	+4	W	6	6	50	45	0.03			
Prawle Point ...	30.05	43	W	3	6	29.80	-20	45	43	+6	WSW	6	4	46	36	0.03			
Hurst Castle ...	30.01	43	W	3	6	29.79	-12	45	43	+5	WSW	6	4	49	40	-			
† Dover ...	29.96	39	W	4	6	29.77	-19	44	42	+5	WSW	5	4	45	38	-			
† London ...	29.96	40	W	4	6	29.74	-22	42	39	+3	SW	5	6	45	38	-			
Oxford ...	29.96	38	W	4	6	29.67	-29	41	38	+4	SW	4	6	44	37	-			
Cambridge ...	29.89	38	W	1	6	29.62	-27	44	38	+7	SW	1	6	44	35	-			
† Yarmouth ...	29.82	37	W	5	6	29.62	-26	39	38	+1	SW	4	4	41	36	0.01			
The Helder ...																			
Cape Griz Nez...																			
† Jersey ...	30.09	44	W	4	6	29.90	-19	44	43	+1	WSW	6	4	47	41	0.04			
Brest ...	30.15	46	WNW	7	0	29.96	-12	48	47	+4	WNW	7	0	52	?	-			
Lorient ...	30.17	46	WNW	4	6	30.02	-15	46	42	+1	W	5	4	52	37	0.04			
† Rochefort ...	30.27	46	WNW	4	6	30.21	-06	41	40	-5	SW	5	0	54	36	-			
Biarritz ...	30.23	47	E	1	0	30.20	-05	45	43	-1	SW	3	0	49	41	0.12			
Corunna ...																			
Brussels ...																			
Charleville ...	30.02	30	W	4	6	29.88	-26	32	31	-8	W	1	0	40	31	-			
Paris ...	30.14	45	SSW	4	6	30.07	-07	36	35	-6	SW	4	0			-			
Lyons ...	30.19	37	SW	1	6	30.19		31	31	0	W	1	6	43	30	-			
Toulon ...	30.00	42	WNW	7	0	30.45	+33	45	40	0	SW	0	6	46	39	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.75	34	W	4				35	35	+3	WSW	6	4	38	29	0.69			

EXPLANATION OF COLUMNS.

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

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

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

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

WEATHER

for 8 a.m. on Friday

CHARTS

25th January 1884.

BAROMETER, WIND & SEA.

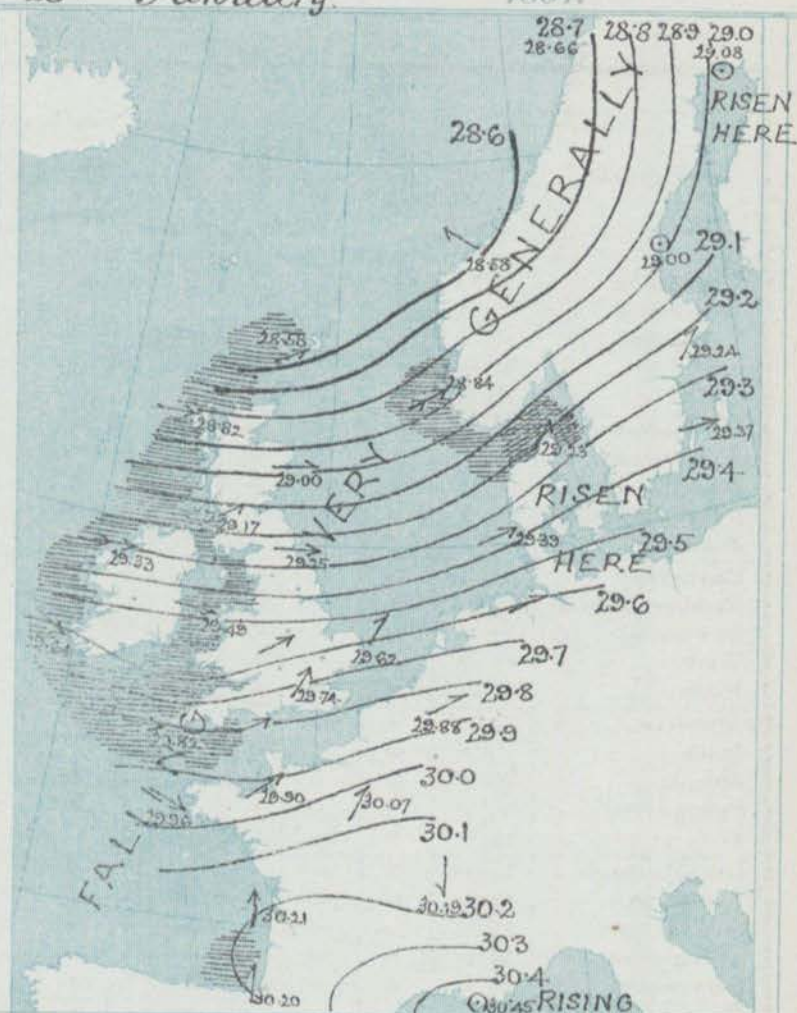
(Explanation of Map)

- 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 —
- force above 10; →→ force 8 to 10;
 - force 5 to 7; →→ force 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 January
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.957
Donaghadee	29.998
Holyhead	29.995
Liverpool	29.986
Valencia	29.952
Rock's Point	29.883
Pembroke	29.913
Sally	29.953
Bur's Castle	29.976
Dover	30.002
LONDON	29.997
Oxford	29.994
Cambridge	29.975
Yarmouth	29.964



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

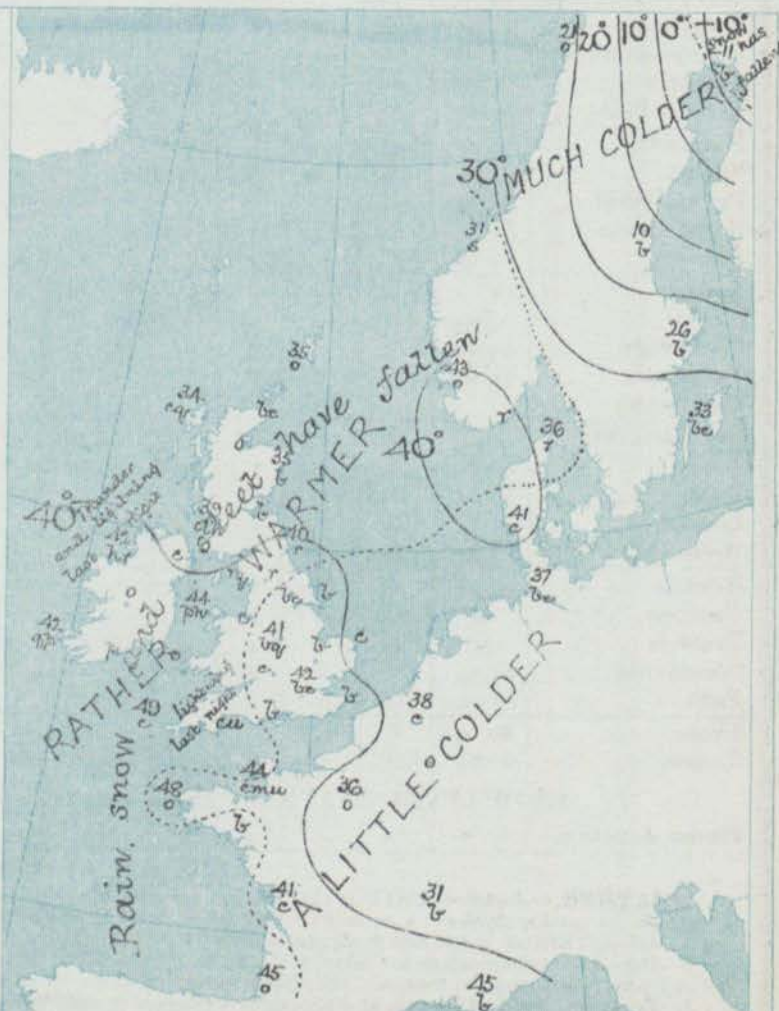
- Temperature** — Isotherms are drawn for each 10° Changes since previous morning are stated in words.
- Weather** — Is shown by Letters of the Beaufort Scale.
- Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	39.2	35.3	3.72
Stornoway	39.9	37.6	5.28
Wick	37.9	36.5	1.80
Nairn	36.9	35.3	1.09
Aberdeen	37.3	35.7	2.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	1.88
York	36.9	35.9	1.88
Ardrossan	40.1	38.4	4.86
Donaghadee	39.7	38.6	3.03
Holyhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.45
Valencia	44.1	43.3	7.32
Rock's Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.13
Sally	46.5	45.0	4.24
Bur's Castle	40.7	40.0	3.78
Dover	39.6	38.4	3.03
LONDON	38.1	37.1	2.47
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.64
Yarmouth	37.8	37.1	2.24

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1865—80.



REMARKS.

for Friday 25th January.

1884. at 8 a.m.

In the course of the past night, some new and large depressions have appeared to the northward of our Islands, while one or two small disturbances have advanced over our western coasts, so that the barometer is now falling generally. Over the south of France pressure is as high as 30.45 ins. while in the Shetlands it is below 28.6 ins. and gradients are therefore still very steep. The wind is strong in force on nearly all coasts; in the west and north of Islands it is $W\frac{1}{2}$, but at our south-eastern and the Continental stations it is chiefly $SW\frac{3}{4}$. The weather is fine in the east of Scotland and south-east of England, but cloudy or overcast elsewhere, with rain in the north of England, hail at several of our western stations, and lightning at Andersons. Snow or sleet fell yesterday in the north, and a thunderstorm occurred at Mullaghmore during the night. Temperature has risen a little in most places, and readings range from 49° at Scilly to 32° at Wick and Kairn. The sea is rough on all but our East coasts.

Further small depressions are likely to advance over our Islands from the westward occasioning a continuance of strong $W\frac{1}{2}$ winds (with gales at times) and passing showers.

FORECASTS

for the 24 hours ending at NOON on 26th January, 1884.

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

DISTRICTS.

FORECASTS.

0 { SCOTLAND NORTH
 $W\frac{1}{2}$ winds, strong at times; unsettled, some showers.

1 { SCOTLAND EAST
-----D-----D-----D-----

2 { ENGLAND N.E.
 $W\frac{3}{4}$ strong winds and gales; rain at times.

3 { ENGLAND EAST
Same as No 5

4 { MIDLAND COUNTIES
Same as No 5

5 { ENGLAND SOUTH
 $SW\frac{3}{4}$ to $W\frac{1}{2}$ strong winds and gales; unsettled, some showers.

DISTRICTS.

FORECASTS.

6 { SCOTLAND WEST
Same as No 2

7 { ENGLAND N.W.
Same as No 2.

8 { ENGLAND S.W.
 $W\frac{1}{2}$ strong winds and gales cloudy, showery.

9 { IRELAND NORTH
-----D-----D-----D-----

10 { IRELAND SOUTH
-----D-----D-----D-----

WARNINGS

The south cone was hoisted last evening on all our coasts.

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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.														
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes	29.16	35	34	W	6	5	Valencia	29.94	46	44	W	6	c m g	6
Sumburgh Head	29.07	35	32	W	4	4	Scilly	30.09	48	45	SW	5	c	5
Stornoway	29.35	37	35	WNW	6	c g h	Dover	29.91	43	38	W	4	b	3
Aberdeen	29.44	36	33	WSW	5	6	London	29.92	45	39	WNW	4	c	*
Shields	29.61	39	35	W	7	6	Yarmouth	29.75	41	37	WNW	7	b g	5
Ardrossan	29.61	42	41	WNW	5	0	Jersey	30.04	46	44	WNW	5	c	4
Mullaghmore	29.73	42	41	W	5	o p	Rochefort	30.29	49	45	NNW	5	0	2
Holyhead	29.85	41	38	WNW	4	c								

REMARKS.

The barometer has begun to fall again in the extreme W, and NW, but continues to rise elsewhere. Strong W or WNW breezes prevail at all stations excepting Scilly, where the wind has backed to SW. Showers are reported at Stornoway and Mullaghmore. The sea is rather rough at Holyhead, slight at Dover.

DAILY WEATHER REPORT

for Saturday 26th January 1884.

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

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dirac.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m., yesterday.	Dry.	Wet.	Difference from 8 a.m., yesterday.	Dirac.	Force. (0 to 12.)		Max.	Min.				
Haparanda	28.82	15	SE	6	0	28.53	- .10	23	23	+ 3.4	SW	6	5	?	-11	0.20			
Hernösand ...	28.62	33	S	8	0	28.79	- .22	30	28	+ 2.0	SW	4	6	36	5	-			
Stockholm ...	29.06	36	SEW	8	0	29.04	- .23	35	33	+ 9	SW	6	6	37	16	-			
Wisby ...	29.25	38	SSW	9	0	29.21	- .16	37	36	+ 2	SW	6	0	39	27	0.08			
Bodö ...	28.45	21	E	8	6c	28.52	- .14	28	27	+ 7	SW	6	5	?	18	-			
Christiansund ...	28.60	33	W	4	8	28.80	+ .22	30	28	- 1	WSW	6	0	32	25	0.28			
Skudenes ...	28.80	38	W	8	0	28.89	+ .05	37	34	- 6	SSW	4	5	43	37	-			
Oxö (Kilansund) ...	28.88	41	SW	9	0	28.96	- .07	36	35	- 5	W	4	5	41	34	0.43			
Skagen (The Skaw) ...	28.62	37	WSW	7	6	29.03	- .20	35	34	- 1	WSW	7	6	39	32	0.47			
Fanö ...	29.12	41	WSW	6	0	29.18	- .21	38	37	- 3	S	4	0	41	37	0.08			
Cuxhaven ...	29.44	41	SW	6	A	29.29	- .33	39	39	+ 2	S	3	A	41	35	0.20			
Sumburgh Head ...	28.77	33	N	4	OSP	28.76	+ .18	32	31	- 3	SSW	3	0	38	27	0.13			
Stornoway ...	28.93	30	WNW	1	0	28.76	- .06	24	24	- 10	SSW	4	3	35	21	0.27			
Wick ...	28.86	32	W	3	A	28.78	+ .01	28	27	- 4	WSW	2	6	34	24	0.07			
Nairn ...	28.43	32	SW	3	6c	28.84	- .12	26	26	- 6	20	0	6	34	26	0.08			
Aberdeen ...	28.91	34	W	4	6	28.89	- .11	26	24	- 9	WSW	1	6	37	28	0.02			
Leith ...	29.07	35	W	4	6c	28.93	- .12	34	33	- 4	W	1	m	39	31	0.04			
Shields ...	29.20	36	WSW	5	6	29.01	- .24	34	32	- 6	SW	3	m	41	32	0.04			
Spurn Head ...	29.31	39	WSW	6	6	29.09	- .32	35	35	- 6	W	5	6	42	32	0.29			
York ...	29.31	39	W	4	6	29.09	- .32	34	34	- 9	W	1	6	45	33	0.10			
Loughborough ...	29.42	39	SW	3	6	29.18	- .36	34	33	- 7	WSW	3	6c	45	34	0.34			
Ardrossan ...	29.13	37	W	5	OSP	28.89	- .28	38	37	- 1	SSW	4	0	44	33	0.13			
Mullaghmore ...	29.24	40	WSW	6	OSP	28.75	- .58	36	35	- 6	SSW	6	OSP	42	35	0.07			
Donaghadee ...	29.26	34	WSW	4	6	28.47	- .34	33	32	- 6	SW	3	0	39	31	0.11			
Parsonstown ...	29.39	34	SW	1	0	28.89	- .62	35	34	- 6	S	3	OSP	41	32	0.28			
Barrow-in-Furness ...	29.27	40	NW	6	6c	29.05	- .32	38	35	- 6	SW	4	6c	44	35	0.31			
Holyhead ...	29.28	40	W	2	0	29.07	- .42	39	37	- 5	SW	3	0	44	34	0.23			
Liverpool (Bidston) ...	29.37	35	WSW	5	0	29.10	- .33	35	34	- 9	SW	4	6	44	33	0.31			
Valencia ...	29.41	44	W	6	OSP	28.79	- .85	44	48	+ 7	SW	9	OSP	51	37	0.96			
Roche's Point ...	29.44	40	W	5	0	28.91	- .73	48	48	+ 4	SW	7	A	49	36	0.70			
Pembroke ...	29.44	45	W	6	0	29.13	- .46	44	42	- 3	SSW	4	A	47	39	0.50			
Scilly ...	29.63	44	WNW	7	OSP	29.30	- .52	48	49	- 1	WSW	7	0	49	44	0.54			
Prawle Point ...	29.60	47	WSW	8	A	29.32	- .48	43	43	- 2	SW	5	A	49	39	0.35			
Hurst Castle ...	29.58	43	WSW	6	A	29.37	- .42	44	42	- 1	W	5	6c	50	40	0.33			
Dover ...	29.56	45	WSW	5	OSP	29.27	- .50	43	39	- 1	W	6	6c	47	39	0.32			
London ...	29.53	40	WSW	4	6c	29.31	- .43	39	38	- 3	W	5	0	48	39	0.23			
Oxford ...	29.48	41	SW	4	0	29.28	- .39	37	36	- 4	WSW	4	6	46	37	0.20			
Cambridge ...	29.44	41	W	2	0	29.23	- .39	38	36	- 2	W	2	0	47	36	0.11			
Yarmouth ...	29.42	42	SW	5	OSP	29.10	- .52	38	37	- 1	WNW	6	OSP	45	36	0.23			
The Helder ...	29.41	44	SW	5	A	29.04	- .50	40	39	-	S	7	A	45	39	0.47			
Cape Griz Nez ...	29.58	44	W	8	A	29.26	- .51	44	41	0	WNW	9	0	48	41	0.67			
Jersey ...	29.71	46	SW	7	OSP	29.44	- .46	48	48	+ 4	SW	8	A	50	43	0.18			
Brest ...	29.78	47	WNW	5	0	29.35	- .41	52	51	+ 4	WSW	9	0	?	43	0.20			
Lorient ...																			
Rochefort ...	30.06	45	WSW	4	A	29.97	- .24	50	48	+ 9	WSW	7	0	52	41	0.16			
Biarritz ...	30.02	46	W	0	0	30.08	- .12	48	44	+ 3	S	4	6	57	41	0.04			
Corunna ...																			
Brussels ...						29.31	- .57	44	39	+ 6	SSW	9	6c	44	?	0.12			
Charleville ...	29.82	40	S	1	0	29.56	- .45	39	36	+ 7	SW	8	0	40	32	0.08			
Paris ...	29.89	44	SW	4	6	?	?	45	43	+ 9	SW	7	6c						
Lyons ...	30.07	35	SW	1	6	30.07	- .12	29	27	- 2	W	1	6	41	26	-			
Toulon ...	30.11	44	W	0	6c	30.13	- .32	40	34	- 5	WNW	3	6c	46	36	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	27.75	33	W	2	0	27.79	?	31	29	- 4	WSW	3	0	37	29	0.39			

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

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

Fred^k Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on *Saturday. 26th January 1884.*

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 fathoms refer to force, thus —

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

○ = dead calm.

Sea Disturbance — where considerable is shown thus

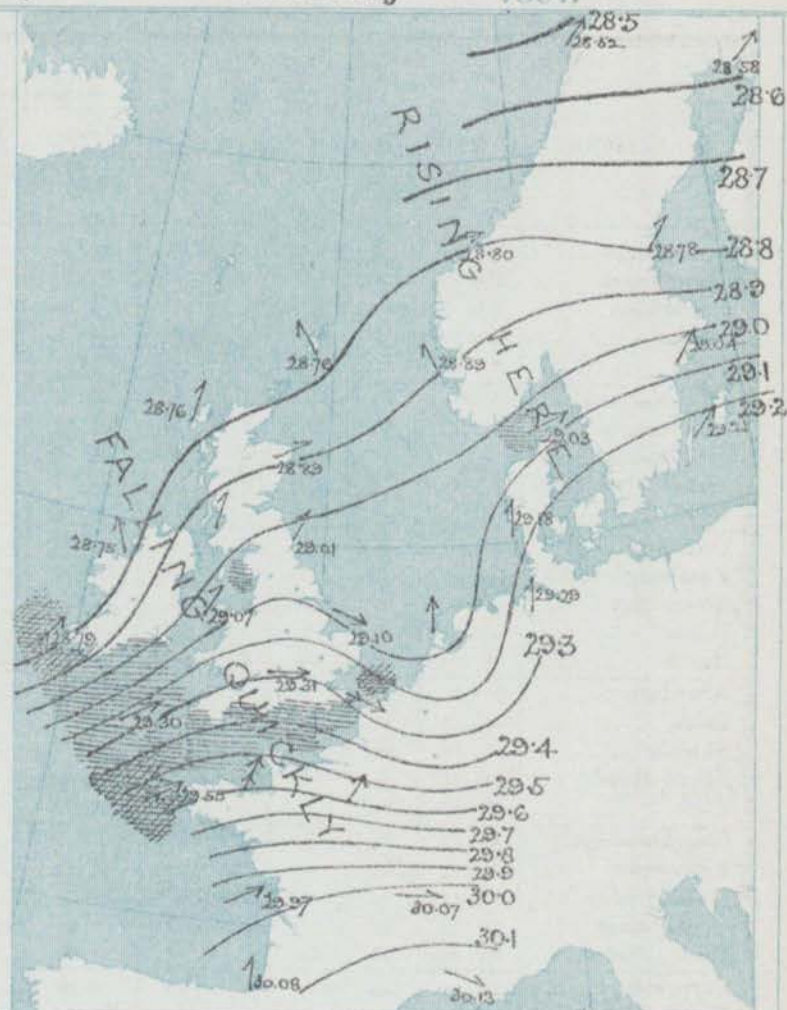
■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

During the 10 years 1871—1880.

STATIONS.	MEAN READINGS
Sunbrough Head.	29.651
Stornoway	29.637
Wick	29.627
Nairn	29.728
Aberdeen	29.763
Leith	29.810
Shields	29.807
York	29.916
Ardrossan	29.917
Donaghadee	29.928
Botolph	29.975
Liverpool	29.906
Valencia	29.952
Roch's Point	29.953
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.997
Oxford	29.994
Cambridge	29.975
Yarmouth	29.964



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.

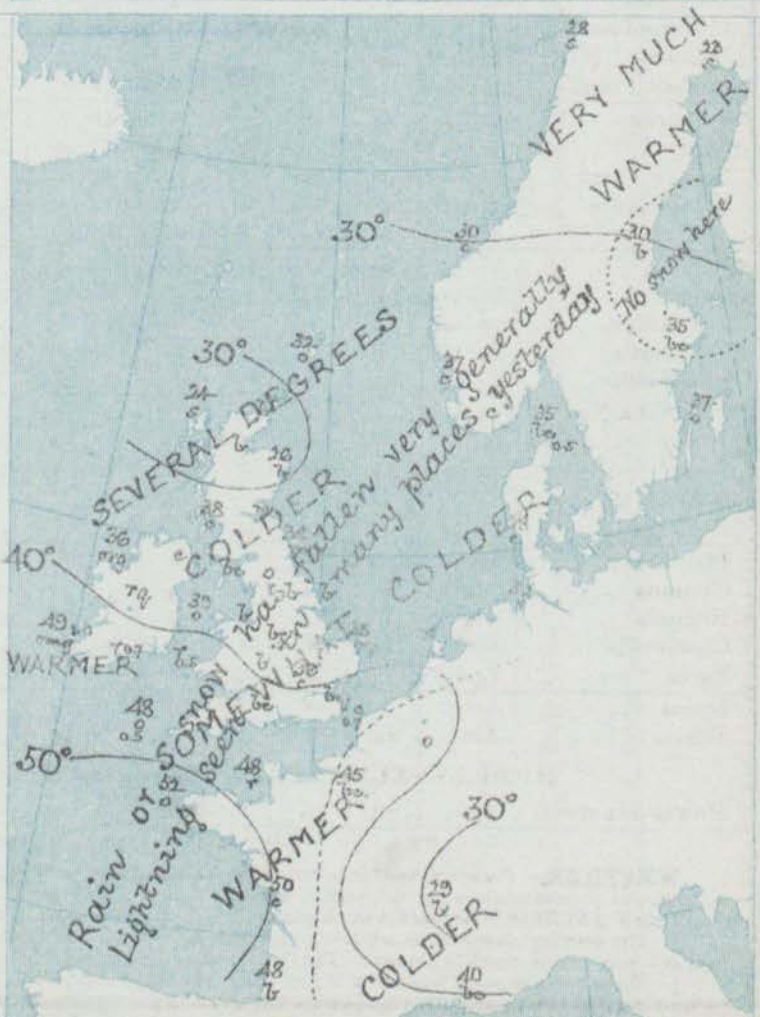
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sunbrough Head	39.2	38.3	3.72
Stornoway	39.9	37.6	5.36
Wick	37.9	36.6	7.80
Nairn	36.9	35.3	1.80
Aberdeen	37.3	36.7	2.42
Leith	38.2	37.2	1.02
Shields	37.4	36.6	1.88
York	36.9	35.0	1.58
Ardrossan	40.1	38.4	4.86
Donaghadee	39.7	38.8	3.03
Botolph	41.7	40.3	3.73
Liverpool	38.9	37.3	2.46
Valencia	44.1	43.3	7.23
Roch's Point	48.1	42.0	5.68
Pembroke	42.8	41.3	4.10
Scilly	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.38
Dover	39.6	38.4	3.03
LONDON	38.1	37.1	2.47
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.64
Yarmouth	37.8	37.1	2.24

Note: — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1868—80.



REMARKS.

for Saturday 26th January.

1884, at 8 a.m.

The large area of low pressure noticed off our extreme northern coasts yesterday morning, travelled away in a NE^{ly} direction later in the day, and the barometer consequently rose somewhat in the north of Scotland. This morning another deep depression is advancing towards Ireland, and the barometer is therefore falling rapidly in the west. The wind has backed to the SW^{ly} in nearly all places; in the east and north it is light or moderate in force, but in the west and south it is increasing quickly, and at Valencia there is already a strong gale. A whole gale from SW. or W. was experienced last night at some of the southern stations. The weather is fine in the eastern parts of Great Britain, but in the west it has become dull and rainy. In the course of the past 24 hours rain has fallen in the southern, and snow in the northern parts of the Kingdom, while lightning has been observed in many places; at Valencia, Sicily and Hurst Castle thunder occurred. Temperature has fallen several degrees and readings now range from 49° at Valencia to 24° at Stromoway. The sea is high at Valencia, rough in the west and south generally.

The new depression is likely to advance in an easterly direction and further strong gales are probable over the greater part of our Islands.

FORECASTS

for the 24 hours ending at NOON on 27th January. 1884.

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

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|--|
| 0 | SCOTLAND NORTH | Wind backing to SE. and increasing in force; fine to unsettled and some snow. |
| 1 | SCOTLAND EAST | -----D°-----D°-----D°----- |
| 2 | ENGLAND N.E. | SW ^{ly} to W ^{ly} winds, increasing to a gale; fair to dull and rainy. |
| 3 | ENGLAND EAST | Same as No 5. |
| 4 | MIDLAND COUNTIES | SW ^{ly} to W ^{ly} winds, increasing to a gale; dull, heavy rain. |
| 5 | ENGLAND SOUTH | SW ^{ly} to W ^{ly} winds, increasing to a gale; dull, rainy. |

DISTRICTS.

FORECASTS.

- | | | |
|----------|---------------|---|
| 6 | SCOTLAND WEST | SW ^{ly} to W ^{ly} strong winds and gales dull, rainy. |
| 7 | ENGLAND N.W. | SW ^{ly} to W ^{ly} strong gales; dull with rain at first, some improvement |
| 8 | ENGLAND S.W. | -----D°-----D°-----D°----- |
| 9 | IRELAND NORTH | -----D°-----D°-----D°----- |
| 10 | IRELAND SOUTH | -----D°-----D°-----D°----- |
| WARNINGS | | The south cone is still up on all our coasts. |

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	28.78	40	37	WSW	9	C	7	Valencia	29.52	44	43	W	5	C m	5
Sumburgh Head	28.63	35	33	W	3	O	5	Scilly	29.68	44	47	WSW	6	C q	5
Stornoway	28.84	33	33	W	4	S p	4	Dover	29.62	45	44	WSW	6	b c	5
Aberdeen	28.90	37	44	SW	6	C	3	London	29.58	48	43	WSW	5	O	#
Shields	29.21	40	36	WSW	5	O	3	Yarmouth	29.49	44	42	WSW	5	C q	4
Ardrossan	29.10	39	36	W	8	q s k p	6	Jersey	29.77	47	45	WSW	7	C	5
Mullaghmore	29.28	40	36	W	8	C q	7	Rochefort	29.05	47	46	S	4	C	2
Holyhead	29.40	41	38	W	5	C	5								

REMARKS.

The depression in the N. appears to be passing off in an E^4 direction, so that the barometer is rising at Stornoway. On our N. and S. coasts, however, the mercury is falling somewhat decidedly as though some further shallow local depressions are advancing from the W⁴. The sea is rather rough both at Holyhead and Dover.

DAILY WEATHER REPORT

for *Sunday 27th January 1884.*

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

† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dirce.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12)			Max.	Min.		
Haparanda																		
Hernösand ...																		
Stockholm ...																		
Wisby ...																		
Bodö	28.57	27	E	6	o	28.61	+ .09	33	32	+ 5	SW	7	5	5	34	25	—	
Christiansund ...	28.75	30	SE	4	b	28.24	— .56	36	29	— 6	E	6	c	4	30	25	0.75	
Skudesnaes ...	28.67	38	SSE	9	o	27.83	— 1.06	41	39	+ 4	SSE	9	r	9	41	37	0.24	
Oxö (Ålansund) ...	28.89	37	N	6	o	28.19	— 0.77	42	39	+ 6	S	9	o	7	?	34	0.35	
Skagen (The Skaw)	28.94	36	SSE	4	b	28.42	— .60	40	38	+ 5	SSW	8	c	7	41	32	0.20	
Fanö ...	28.81	38	S	7	r	28.36	— .22	39	36	+ 1	WSW	8	bc	•	43	32	0.35	
Cuxhaven ...	29.09	42	SW	6	r	28.79	— .30	42	41	+ 3	WSW	4	c	•	45	37	0.28	
† Sumburgh Head																		
† Stornoway ...																		
Wick ...																		
Nairn ...																		
† Aberdeen ...	27.91	41	S	9	r	27.36	— 1.03	37	34	+ 4	W	10	c	6	42	25	0.46	
Leith ...	27.78	37	SE	8	o	28.22	— 0.71	38	32	+ 4	WNW	10	c	•	48	35	0.24	
† Shields ...	28.10	42	S	8	r	28.41	— .60	35	32	+ 1	W	9	m	4	42	22	0.78	
Spurn Head ...	28.20	46	S	9	r	28.62	— .47	37	35	+ 2	WSW	9	bcg	5	46	35	0.14	
York ...	28.26	45	S	6	r	28.67	— .42	27	28	+ 3	W	6	bc	•	45	24	0.15	
Loughborough...	28.38	46	SSW	9	r	28.85	— .23	35	32	+ 1	WSW	6	b	•	47	21	0.29	
† Ardrossan ...																		
† Mullaghmore ...																		
Donaghadee ...	27.69	40	SSW	11	o	28.71	— .26	30	30	— 3	W	7	m	4	46	29	0.50	
Parsonstown ...	28.32	40	WNW	4	b	28.95	+ .06	32	31	— 3	W	2	bc	•	47	30	0.27	
Barrow-in-Furness	28.12	45	SW	9	r	28.68	— .37	37	34	— 1	WNW	7	bcg	8	46	25	0.27	
† Holyhead ...	28.22	45	W	7	b	28.88	— .19	36	34	— 3	WNW	6	c	6	47	24	0.44	
Liverpool (Bidston)	28.24	43	WSW	6	b	28.76	— .34	35	34	— 0	WSW	8	c	6	45	36	0.20	
Valencia ...	28.59	41	WNW	8	b	27.12	+ .30	38	36	— 11	W	6	cphg	6	52	33	0.58	
Roche's Point ..	28.33	39	W	7	c	29.10	+ .19	35	34	— 13	WNW	5	bc	5	49	34	0.85	
Pembroke ...	28.41	47	WSW	9	c	29.04	— .12	40	36	— 4	W	8	cphg	6	49	36	0.61	
† Scilly ...	28.73	47	WNW	8	r	29.28	— .02	47	46	— 1	WNW	8	bcg	7	49	40	0.58	
Prawle Point ...	28.65	47	W	10	o	29.19	— .13	37	37	— 4	W	7	c	7	50	38	0.45	
Hurst Castle ...	28.61	48	SW	10	o	29.08	— .29	38	37	— 6	W	7	bc	6	50	35	0.48	
† Dover ...	28.57	48	SW	8	o	29.00	— .21	38	35	— 5	W	6	bc	5	49	37	0.28	
† London...	28.67	42	SW	10	r	29.05	— .26	36	34	— 3	WSW	5	bc	•	49	35	0.38	
Oxford ...	28.51	43	SW	7	b	29.03	— .25	38	38	— 2	WSW	4	b	•	50	35	0.40	
Cambridge ...	28.36	47	SSW	7	r	28.97	— .26	35	32	— 3	SW	3	b	•	49	34	0.26	
† Yarmouth ...	28.74	46	SSW	8	o	28.88	— .22	36	33	— 2	WSW	6	bc	4	46	34	0.29	
The Helder ...	28.76	46	S	11	o	28.80	— .28	40	36	— 0	SW	9	bc	4	46	29	0.20	
Cape Griz Nez...	28.89	45	SW	11	o	29.07	— .19	42	37	— 1	W	11	c	8	48	37	0.57	
† Jersey ...																		
Brest ...																		
Lorient ...																		
† Rochefort ...	29.41	50	SW	9	o	29.70	— .27	46	44	— 4	WNW	12	c	7	?	36	1.18	
Biarritz ...	29.76	52	S	8	c	29.82	— .26	52	47	+ 4	WNW	9	c	6	55	?	0.04	
Corunna ...	*	*	*	*	*	29.11	— .20	38	37	— 6	SW	7	c	*	49	36	0.83	
Brussels ...	*	*	*	*	*	29.15	— .41	40	38	+ 1	W	1	bc	*	42	39	0.71	
Charleville ...	29.42	45	SSW	8	o	29.36	?	42	39	— 3	S	5	o	•	•	•	0.28	
Paris ...	29.44	48	S	7	o	29.36	?	42	39	— 3	S	5	o	•	•	•	0.28	
Lyons ...																		
Toulon ...	30.17	44	WNW	5	bc	29.93	— .20	49	47	+ 9	WSW	8	r	7	52	37	—	

HIGH LEVEL STATION.

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

Hawes Junction 26.78 3 SW 4 0 27.42 — .37 29 28 — 2 WSW 8 ow 38 18 0.59

EXPLANATION OF COLUMNS.

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

WEATHER CHARTS

for 8 a.m. on

Sunday 27th January

1884.

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 bars and feathers refer to force, thus —

→ = forces above 10; →→ = forces 8 to 10;

→→ = forces 5 to 7; →→ = forces 1 to 4;

○ = dead calm.

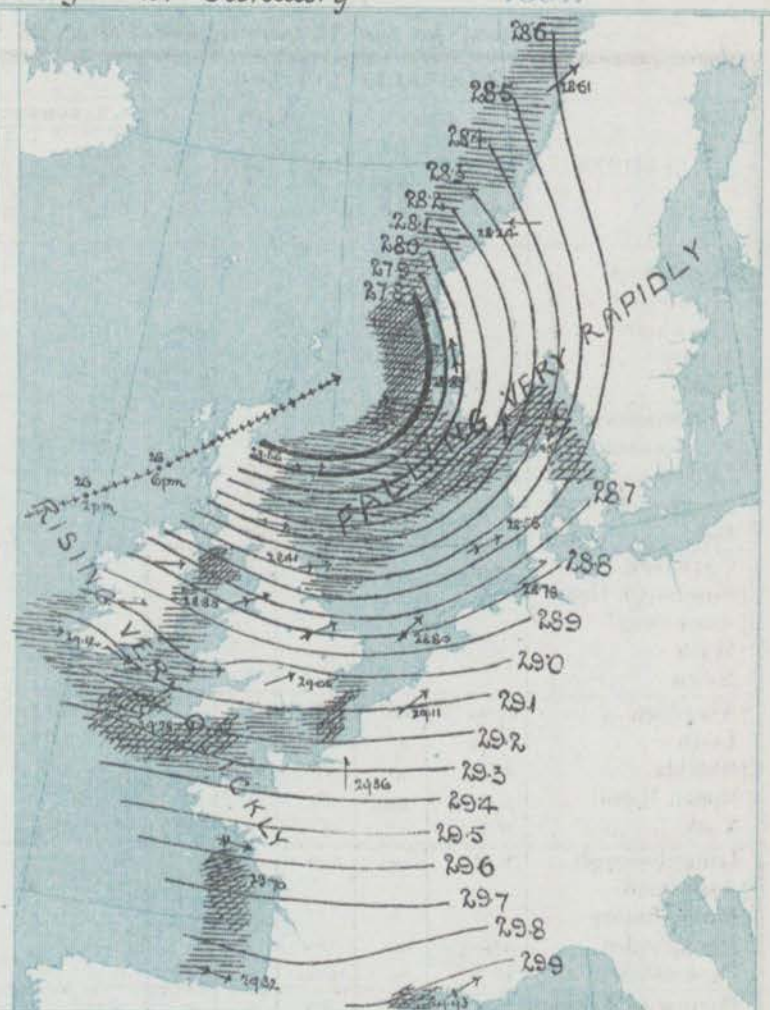
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.681
Sarnoway	29.657
Wick	29.697
Nairn	29.739
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.977
Donaghadee	29.928
Holyhead	29.935
Liverpool	29.906
Valencia	29.853
Roches Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.976
Dover	30.002
LONDON	29.987
Oxford	29.973
Cambridge	29.976
Yarmouth	29.963



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.

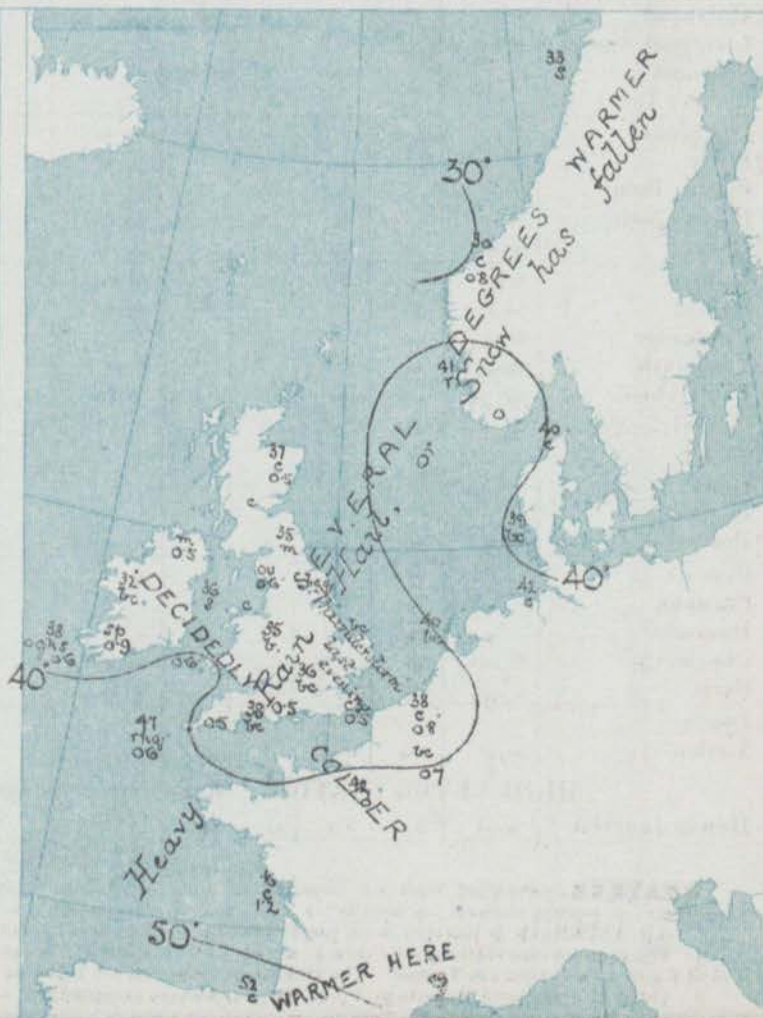
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	39.2	38.3	3.72
Sarnoway	38.9	37.6	5.28
Wick	37.9	36.5	1.28
Nairn	36.9	35.3	1.99
Aberdeen	37.3	35.7	2.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	1.88
York	36.9	35.9	1.88
Ardrossan	40.1	38.4	4.86
Donaghadee	39.7	38.8	3.03
Holyhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.46
Valencia	44.1	43.3	7.22
Roches Point	43.1	42.0	5.69
Pembroke	42.8	41.3	4.13
Scilly	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.38
Dover	59.6	38.4	3.03
LONDON	39.1	37.1	2.41
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.64
Yarmouth	37.8	37.1	2.24

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 27th January

1884, at 8 a.m.

The depression which was approaching our W^m coasts yesterday proved to be one of exceptional intensity. In the course of the day the barometrical fall became greatly accelerated and at 6 p.m. the centre of the advancing disturbance was seen to be lying off the west of Scotland. At Anderson the reading at this hour was as low as 27.62 in. or 1.27 in. lower than at 8 a.m. Since then the centre appears to have passed in a NE^m direction across Scotland, but reports from our extreme northern stations are not yet to hand so that its exact position at the present time can scarcely be defined. It is, however, apparently lying between the Scotch and Norwegian coasts, and an increase of pressure is in progress at all but the Scandinavian stations. At Aberdeen the reading of the barometer at midnight was as low as 27.40 in. The wind is W^m at all but the Norwegian stations, where it is S^m; in force it varies from a moderate gale on our southern coasts to a whole gale in the east of Scotland. In the course of yesterday a "storm" from between SW and W. was experienced over the whole of Ireland and England, while a whole gale from SE. prevailed on the extreme N^m coasts. Snow and hail showers are falling in the W. and SW., but elsewhere the weather is at present fair. During the past 24 hours heavy rain has fallen over our southern district, and snow in the west and north. Lightning occurred last night in various parts of the Kingdom. The sea is rough or high generally.

A telegram was received yesterday from Ben Nevis Observatory. At the summit of the mountain the barometer at Noon stood at 24.03 in. having fallen 0.45 in. since midnight on Friday. The wind was S^m.

FORECASTS

for the 24 hours ending at NOON on 28th January
(Issued at 11 a.m. on the previous day.)

1884.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

1 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

WARNINGS

None Issued

None Issued

None Issued.

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sen.		Bar.	Dry.	Wet.	Wind.	Wes.	Sen.	
Skudesnaes	28.88	40	35	SSW	8	0	6	Valencia	28.40	46	43	W	9	ben g 8
Sumburgh Head	28.64	23	31	S	3	0	3	Scilly	28.83	50	50	SW	10	r 7
Stornoway	28.31	34	32	ESE	8	ops	6	Dover	29.15	47	46	WSW	6	ap 5
Aberdeen	28.55	36	38	S	6	ow	3	London	29.08	49	46	SSW	6	org *
Shields	28.62	37	35	S	7	om	3	Yarmouth	29.05	47	40	S	5	og 4
Ardrossan	28.13	28	38	ESE	8	r	6	Jersey						
Mullaghmore	27.76	47	42	SW	9	cp	6	Rochefort	29.89	38	30	WSW	5	o 4
Holyhead	28.40	46	45	SSW	7	rg	6							

REMARKS.

A depression of unusual intensity is advancing over our Islands. At Mullaghmore the barometer has fallen as much as an inch since the morning the reading at present being as low as 27.76 ins. or more than two inches lower than at Rochefort. At Valencia, however, a recovery has taken place since noon. The wind is rising quickly in all parts of the Kingdom; in Ireland a strong gale from N. or SW. is blowing, while at Scilly there is a whole gale from SW. and at Stornoway a fresh gale from ESE. The sea is rough at Holyhead and Dover.

DAILY WEATHER REPORT

for Monday 28th January 1884.

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

	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirct.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirct.	Force. (0 to 12.)		Weather.	Max.		Min.	
Haparanda													•					
Hernösand ...													•					
Stockholm ...													•					
Wisby ...													•					
Bodö													•					
Christiansund ...																		
† Skudesnaes ...																		
Oxö (Xilansund) ...																		
Skagen (The Skaw)													•					
Fanö ...																		
Cuxhaven ...	28.93	89	SW	7	S	29.06	+ 27	37	37	- 5	N	6	bc	•	34	-		
† Sumburgh Head																		
† Stornoway ...																		
Wick ...																		
Nairn ...																		
† Aberdeen ...																		
Leith ...	28.82	34	WNW	8	bc	29.13	+ 91	37	35	- 1	WNW	1	cm	•	38	32 0.02		
† Shields ...	28.70	35	W	8	bc	29.15	+ 74	37	34	+ 2	N	5	c	3	38	30 -		
Spurn Head ...	28.90	36	WSW	7	bc	29.20	+ 58	38	36	+ 1	N	6	bc	3	39	33 -		
York ...	28.89	34	WNW	5	bc	29.25	+ 53	38	35	+ 1	WNW	6	bc	•	38	31 0.05		
Loughborough...	29.05	33	WSW	4	S	29.39	+ 54	36	34	+ 1	WNW	5	bc	•	39	33 0.02		
† Ardrossan ...																		
† Mullaghmore ...																		
Donaghadee ...	28.87	31	WNW	5	C	29.24	+ 53	35	33	+ 5	WNW	6	c	4	35	30 0.18		
Parsonstown ...	29.05	33	WNW	1	S	29.33	+ 58	34	33	+ 2	N	1	bc	•	36	30 0.14		
Barrow-in-Furness	28.87	38	W	7	O	29.29	+ 61	39	37	+ 2	N	6	bc	6	40	33 0.03		
† Holyhead ...	28.08	38	WNW	6	bc	29.43	+ 55	41	36	+ 5	WNW	6	bc	6	41	32 0.02		
Liverpool (Bidston)	28.05	37	WSW	6	bc	29.87	+ 61	40	37	+ 5	N	7	c	5	40	33 0.02		
† Valencia ...	29.19	39	WNW	7	C	29.66	+ 54	41	38	+ 3	N	6	bc	6	43	35 0.33		
Roche's Point ..	29.16	36	WNW	5	C	29.64	+ 54	39	37	+ 4	N	4	bc	4	41	34 0.12		
Pembroke ...	29.11	41	W	6	C	29.66	+ 55	43	40	+ 3	N	7	c	5	43	33 0.02		
† Seilly ...	29.32	45	W	7	A	29.78	+ 47	45	41	- 2	WNW	7	c	7	48	45 0.23		
Prawle Point ...	29.28	43	SSW	7	O	29.69	+ 50	41	38	+ 2	WNW	7	bc	6	43	33 0.21		
Hurst Castle ...	29.26	44	W	7	bc	29.69	+ 51	39	36	+ 1	WNW	6	bc	6	50	35 0.17		
† Dover ...	29.24	41	W	6	bc	29.45	+ 39	37	34	- 1	N	6	bc	5	43	35 0.01		
† London ...	29.26	38	SW	5	bc	29.61	+ 46	38	34	+ 3	WSW	5	bc	•	40	34 0.01		
Oxford ...	29.17	35	WSW	4	bc	29.52	+ 49	35	33	0	N	3	bc	•	42	35 0.02		
Cambridge ...	29.16	34	WSW	2	bc	29.45	+ 48	36	34	+ 1	WSW	2	bc	•	41	33 -		
† Yarmouth ...	29.06	37	SW	6	bc	29.31	+ 43	36	34	0	WNW	6	bc	4	38	33 0.01		
The Helder ...	29.06	41	SW	8	bc	29.15	+ 35	39	36	- 1	N	7	c	5	41	37 -		
Cape Griz Nez...																		
† Jersey ...																		
Brest ...																		
Lorient ...	29.34	47	W	9	A	29.88		46	43		WNW	8	0	7	55	41 0.28		
† Rochefort ...	29.70	48	N	8	bc	30.04	+ 34	48	46	+ 2	WNW	9	0	7	54	37 0.47		
Biarritz ...	29.92	54	W	7	O	30.12	+ 30	55	52	+ 3	N	7	0	7	57	50 0.12		
Corunna ...																		
Brussels ...						29.45	+ 34	37	34	- 1	WSW	5	0	•	49	34 0.16		
Charleville ...	29.48		SW			29.49	+ 34	36	33	- 4	N	1	c	•	42	32 0.39		
Paris ...	29.63	42	W	5	bc	29.74	+ 32	40	38	- 2	N	4	m	•	•	• 0.04		
Lyons ...																		
Toulon ...																		

HIGH LEVEL STATION.

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

Hawes Junction	27.60	31	W	5	bc	28.05	+ 63	31	30	+ 2	WSW	5	0	•	32	27 0.02
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EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted). These evening obs^s were taken at 3.30 p.m.

Fred^d Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on *Monday, 28th January, 1884.*

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 —

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

Sea Disturbance — where considerable is shown thus

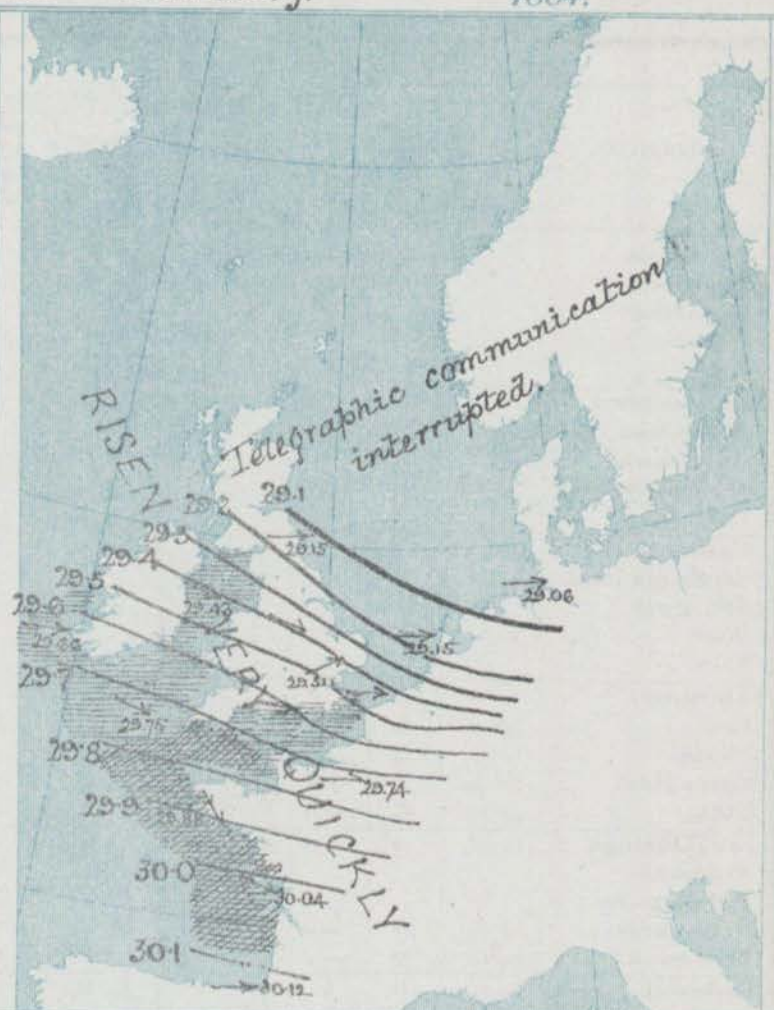
▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

During the 10 years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.977
Donaghadee	29.836
Holyhead	29.875
Liverpool	29.946
Valencia	29.952
Roch's Point	29.983
Pembroke	29.973
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.976
Yarmouth	29.964



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 AT 8 A.M., AND RAINFALL.

for the month of January

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	39.2	36.3	3.72
Stornoway	39.9	37.6	5.20
Wick	37.9	36.5	3.80
Nairn	36.9	35.3	1.99
Aberdeen	37.3	36.7	3.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	1.88
York	36.9	35.9	1.88
Ardrossan	40.4	38.4	4.86
Donaghadee	39.7	38.0	3.03
Holyhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.46
Valencia	44.1	43.3	7.22
Roch's Point	48.1	42.0	6.60
Pembroke	42.8	41.3	4.13
Scilly	46.3	45.0	4.24
Hurst Castle	40.7	40.0	3.36
Dover	39.6	38.4	3.03
LONDON	39.1	37.1	2.41
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.64
Yarmouth	37.8	37.1	2.34

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1868—80.



REMARKS.

for Monday 28th January

1884. at 8 a.m.

The telegraphic interruption occasioned by the gale still continues and the reports from the Scandinavian, Danish, and Scotch stations are all wanting. It is therefore quite impossible to determine the position of the very serious depression which passed across our islands on Saturday. Over England, Ireland and France the barometer continues to rise steadily, and gradients are becoming less steep. Fresh or strong winds from W. or N.W. are reported generally, and in the Bay of Biscay there is a N.W. gale. The weather is fair at most stations. Snow showers fell over England and Ireland yesterday, and lightning occurred in the south and south-west at night. Temperature has risen a little, and now ranges from 45° at Lillie to 35° at Donaghadee and Aelford and 34° at Bournemouth. Frost occurred last night in many places.

The sea is moderate off the east of England, rough or high on all other coasts.

In the absence of our northern reports it is impossible to prepare detailed forecasts. Over our southern districts fresh or strong westerly or north-westerly winds are likely to continue with generally fair weather.

FORECASTS

for the 24 hours ending at NOON on 29th January 1884.

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

None Issued

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

None Issued

WARNINGS

None Issued

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes							Valencia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						*
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	29.74	60	46	Very	11	A. 1
Holyhead													

REMARKS.

*Summary of Changes in the Weather
over the
British Islands and their Neighbourhood
from the 20th to 26th Jan^y 1884*

During the whole of last week the weather was successively stormy & unsettled. At the commencement of the period an anticyclone lay over France, and two deep depressions skirted the western NWth & Nth coasts occasioning severe SW to W gales over Scotland early on Sunday morning & again on Monday evening. On Wednesday the anticyclone receded S^{ward} & the centre of a very deep depression passed across the Sth part of Scotland. Severe SW to W gales were consequently felt over England & Ireland & a NW gale (in the rear of the disturbance) over Scotland. After this there was a brief interval of quiet weather, but on Friday evening when a small depression passed across England a whole gale from the Wnd was again felt over the Channel.

By far the most serious storm of the week, however, was that which travelled across our Islands on Saturday. The centre of this disturbance appears to have passed directly over Scotland and at midnight on Saturday the barometer at Aberdeen stood at the exceptionally low level of 27.40 inches. In the course of the day a very severe gale extended over the whole country. In England & Ireland the gale blew from the Wnd or SWth, while in the N. of Scotland it was ^{from} SE. or E.

Showery weather prevailed throughout the week and a good deal of snow was deposited in the Nth parts of the country on Saturday. Lightning occurred in many places at the close of the period.

DAILY WEATHER REPORT

for *Tuesday 29th January 1884.*

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

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.					
			Dir.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)		Weather.	Max.	Min.	Amount of Rainfall.		
Haparanda	28.92	31	S	6	S	29.12		29	29		S	4	0	*	34	28	0.43		
Hernösand ...	28.65	35	S	8	O	29.02		28	27		W	4	0	*	39	28	0.04		
Stockholm ...	28.92	36	SSW	0	O	29.12		33	32		W	4	0	*	37	31	-		
Wisby ...	29.06	37	SW	8	bc	29.18		37	34		WNW	9	0	*	37	31	-		
Bodö ...	28.63	35	E	2	bc	28.85	+ .53	34	30	- 2	ENE	2	0	*	36	32	-		
Christiansund ...	28.72	36	WSW	8	A	29.03	+ .95	33	32	- 5	WNW	9	0	6	39	28	0.24		
Skudesnaes ...	29.21	37	WNW	9	bc	?	?	33	32	- 7	WNW	4	0	5	41	37	-		
Oxö (Xidansund) ...	29.11	39	W	8	bc	29.44	+ .99	36	35	- 5	W	4	0	3	41	34	-		
Skagen (The Skaw)	29.04	40	WNW	8	bc	29.45		36	32		WNW	5	0	5	41	36	-		
Fanö ...	29.47	39	WNW	8	bc	29.66	+ .79	37	36	- 1	W	2	0	*	41	34	0.08		
Cuxhaven ...	?	38	W	6	bc	29.79	+ .73	37	37	0	W	4	0	*	40	33	0.04		
Sumburgh Head																			
Stornoway ...																			
Wick ...																			
Nairn ...																			
Aberdeen ...																			
Leith ...	29.52	38	W	1	c	29.52		37	35		S	1	m	*	41	33	-		
Shields ...	29.57	39	W	5	bc	29.63	+ .48	35	34	- 2	SW	5	om	3	40	33	-		
Spurn Head ...	29.64	40	W	6	bc	29.70	+ .50	36	36	- 2	S	3	c	4	?	35	-		
York ...	29.67	40	W	3	bc	29.68	+ .43	35	34	- 3	E	1	f	*	43	33	-		
Loughborough...	29.77	39	WSW	3	bc	29.70	+ .31	39	39	+ 3	SEE	2	og d	*	44	34	0.02		
Ardrossan ...																			
Mullaghmore ...																			
Donaghadee ...	29.67	35	WSW	3	c	29.45	+ .21	41	41	+ 6	S	6	n	4	41	30	0.10		
Parsonstown ...	29.73	35	E	1	O	29.47	- .06	50	49	+ 16	W	2	om	*	51	33	0.19		
Barrow-in-Furness	29.67	41	W	4	bc	29.56	+ .27	38	37	- 1	SE	5	n	5	44	36	0.05		
Holyhead ...	29.74	41	W	3	bc	29.52	+ .09	48	47	+ 7	SSW	3	f	3	48	36	-		
Liverpool (Bidston)	29.74	38	WSW	3	bc	29.58	+ .21	39	38	- 1	SE	5	0	4	43	36	0.01		
Valencia ...	29.69	43	SE	4	om d	29.52	- .14	52	51	+ 11	SSW	7	omg	6	54	36	0.21		
Roche's Point ..	29.74	44	W	4	A	29.65	+ .01	52	51	+ 13	WSW	5	om	4	53	39	0.40		
Pembroke ...	29.80	45	SW	3	c	29.66	+ .10	50	49	+ 7	SW	6	0	5	50	42	0.20		
Scilly ...	29.84	47	S	3	A	29.83	+ .08	52	51	+ 7	SW	6	0	5	52	45	0.19		
Prawle Point ...	29.92	44	SW	3	A	29.85	+ .10	50	50	+ 9	WSW	6	0	5	50	39	0.21		
Hurst Castle ...	29.90	43	W	4	c	29.82	+ .13	48	48	+ 9	WSW	5	c	5	49	37	0.13		
Dover ...	29.88	40	W	4	bc	29.79	+ .34	45	44	+ 8	W	0	om d	1	45	36	0.04		
London...	29.87	40	W	5	bc	29.77	+ .26	42	42	+ 4	SW	1	df	*	45	36	0.14		
Oxford ...	29.89	36	SW	3	c	29.75	+ .23	42	42	+ 7	SW	2	fg d	*	44	35	0.15		
Cambridge ...	29.82	38	W	3	bc	29.75	+ .30	39	39	+ 3	SE	1	A	*	44	32	0.07		
Yarmouth ...	29.72	39	W	5	bc	29.77	+ .46	40	39	+ 4	WSW	2	c	3	42	34	-		
The Helder ...	29.71	41	W	4	bc	29.82	+ .67	39	37	0	WSW	1	bc	2	41	39	-		
Cape Griz Nez...	29.87	44	NW	9	bc	29.79	+ .34	48	?	+ 8	W	7	n	4	?	?	0.16		
Jersey ...	29.95	46	WSW	4	O	29.94		50	50		WSW	6	om	5	51	42	0.10		
Brest ...	29.95	48	SSW	5	f	29.95	+ .57	51	50	+ 8	W	5	0	5	?	43	0.16		
Lorient ...	30.02	48	SW	5	m	30.07	+ .19	52	52	+ 6	WSW	7	f	5	52	46	0.04		
Rochefort ...	30.23	48	W	5	A	30.26	+ .22	52	52	+ 4	?	?	A	4	55	41	0.20		
Biarritz ...	30.27	54	S	4	bc	30.32	+ .20	55	52	0	S	4	0	6	57	50	0.24		
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*	29.88	+ .43	39	38	+ 2	SE	3	n	*	43	36	0.04		
Charleville ...	29.76	40	WNW	4	c	29.95	+ .46	39	36	+ 3	W	4	0	*	42	34	0.16		
Paris ...	30.08	47	W	3	bc	29.97	+ .23	51	50	+ 11	WSW	3	A	*	*	*	0.04		
Lyons ...																			
Toulon ...	30.23	47	W	7	c	30.32		46	44		W	4	bc	5	54	45	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.42	33	W	3	bc	28.87	+ .82	32	32	+ 1	NE	2	S	*	36	31	0.06		

HIGH LEVEL STATION.

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

Hawes Junction	28.42	33	W	3	bc		28.87	+ .82	32	32	+ 1	NE	2	S	*	36	31	0.06
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EXPLANATION OF COLUMNS.

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

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

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

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

Received too late for insertion in Charts.

Fred^d Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Tuesday, 29th January. 1884.

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.

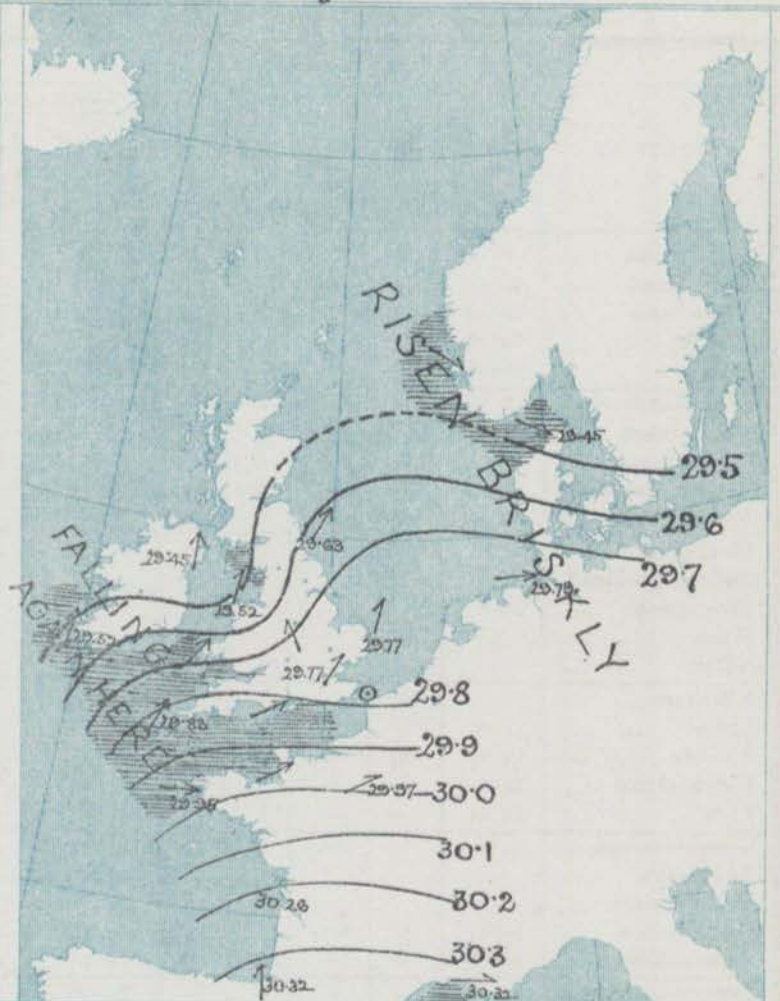
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.917
Donaghadee	29.939
Ballyhead	29.945
Liverpool	29.966
Valencia	29.982
Roches Point	29.983
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



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 AT 8 A.M., AND RAINFALL.

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	39.2	34.3	3.72
Stornoway	38.9	37.6	5.28
Wick	37.9	36.5	7.80
Nairn	36.9	35.3	1.09
Aberdeen	37.3	35.7	2.42
Leith	38.2	37.2	2.02
Shields	37.9	36.6	1.88
York	36.9	35.9	1.86
Ardrossan	40.1	38.4	4.86
Donaghadee	39.7	38.0	3.03
Ballyhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.46
Valencia	44.1	43.3	7.22
Roches Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.13
Scilly	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.36
Dover	39.6	38.4	3.03
LONDON	38.1	37.1	2.47
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.64
Yarmouth	37.8	37.1	2.34

NOTE — The Temperature means are for the 10 years 1871—80; the Rainfall means are mainly these for the 15 years 1868—80.



REMARKS.

For Tuesday 29th January.

1884. at 8 a.m.

The reports from Scotland and the greater part of Scandinavia and Denmark are again wanting. Over France and the east of England the barometer continues to rise, but on our west and south-west coasts a new fall has set in, and at Donaghadee the change since last night appears to have been rather brisk. The wind has backed to the SW^W or SWst generally, and at Valencia it has increased to a moderate gale. Fog is reported over Central England, and cloudy, rainy, weather prevails at most of our western, southern, and the French stations. In the course of the ^{past} 24 hours rain has fallen generally. Temperature has risen considerably on our west and south coasts, and readings now range from 52° at Valencia, Roches K, and Seilly to 35° at Shields and York. Frost occurred at Cambridge last night. The sea is rather rough in the west and south but slight in the east.

The fresh fall of the barometer in the west appears to indicate the approach of a new depression, which will probably move eastwards, and occasion a considerable increase of wind over Ireland and England.

In the absence of our northern reports it is impossible to prepare forecasts for Scotland

FORECASTS

For the 24 hours ending at NOON on 30th January. 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	No forecast possible.	6 { SCOTLAND WEST	Same as No 0+1.
1 { SCOTLAND EAST	No forecast possible.	7 { ENGLAND N. W.	SW ^W to W ^W winds, strong to a gale; dull and rainy to fair.
2 { ENGLAND N. E.	Same as No 5	8 { ENGLAND S. W.	SW ^W to W ^W strong winds or gales; dull and rainy to fair.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	Same as No 7.
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	Same as No 8.
5 { ENGLAND SOUTH	SW ^W to W ^W increasing to a gale; unsettled, rainy.	WARNINGS	The south cone was hoisted yesterday afternoon in districts 5, 8, and 10, and this morning in districts 2, 3, 7, and 9.

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	28.82	41	38	WNW	8	chg	6	Valencia	29.73	46	45	WSW	5	0	3
Sumburgh Head								Scilly	29.85	47	45	SW	5	c	6
Stornoway								Dover	29.73	43	38	W	5	b	4
Aberdeen	29.33	37	34	W	2	bc	4	London	29.75	45	39	WNW	6	bq	*
Shields	29.43	40	39	W	5	bcm	3	Yarmouth	29.69	42	38	W	6	bq	4
Ardrossan	29.47	43	42	W	5	c	4	Jersey							
Mullaghmore								Rochefort	30.17	53	51	WNW	7	m	2
Holyhead	29.65	43	39	WNW	6	og	6								

REMARKS.

A new fall of the barometer has set in at Valencia since noon, and the wind at Scilly has backed the SW $\frac{1}{2}$, so that a depression is probably about to advance over our S^t districts. In the SE. there is at present no sign of any change. The sea is rough at Holyhead and also in the Straits of Dover.

DAILY WEATHER REPORT

for *Wednesday 30th January 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Direc.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)		Weather.	Max.		Min.		
Haparanda													*						
Hernösand ...													*						
Stockholm ...													*						
Wisby ...													*						
Bodö	29.00	33	S.W.	2	C	29.08	+ 23	32	30	- 2	E	2	0	1	34	30	-		
Christiansund ...	29.19	37	N.W.	6	C	29.10	+ 07	32	28	- 4	E.S.E.	2	0	4	37	28	-		
Skudesnaes ...	29.29	39	S.S.E.	8	A	29.12	?	43	41	+ 10	N.W.	8	0	6	?	?	0.47		
Öxö (Christiansund) ...	29.28	40	S	2	O	29.26	- 18	42	40	+ 6	N.W.	6	0	4	?	34	0.35		
Skagen (The Skaw)	29.39	36	S.W.	4	C	29.28	- 17	41	39	+ 5	N	7	0	6	41	34	0.20		
Fanö ...	29.45	38	S.S.E.	6	A	29.38	- 08	42	41	+ 5	N.W.	4	0	*	43	36	0.28		
Cuxhaven ...	29.77	42	S.W.	3	C	29.74	- 05	44	44	+ 7	S.W.	4	A	*	45	?	0.20		
Sumburgh Head																			
Stornoway ...																			
Wick ...																			
Nairn ...	29.12	39	N	3	C	29.13	- 32	39	37	+ 10	S.W.	1	0	2	41	29	0.11		
Aberdeen ...	29.12	37	N	2	C	29.24	- 28	40	39	+ 8	S.W.	4	0	2	43	31	0.09		
Leith ...	29.26	48	N	4	C	29.28	- 26	46	44	+ 9	N.W.	8	0	2	49	34	0.52		
Shields ...	29.31	51	N	4	O.U.	29.41	- 22	49	47	+ 14	N.W.	4	0	2	51	35	0.25		
Spurn Head ...	29.50	50	S.W.	5	C	29.56	- 14	48	48	+ 12	S.W.	4	0	4	?	35	0.07		
York ...	29.50	53	S.W.	5	C	29.54	- 14	50	49	+ 15	N	4	0	*	54	34	0.11		
Loughborough...	29.64	54	N.W.	6	O	29.66	- 04	52	50	+ 13	N.W.	5	0	5	54	39	0.81		
Ardrossan ...	29.34	47	N	6	C	29.37	- 08	43	42	+ 4	N.W.	8	0	5	48	38	0.62		
Mullaghmore ...	29.48	47	N.W.	5	O	29.46	- 02	42	41	-	N.W.	8	0	6	53	?	0.40		
Donaghadee ...	29.49	45	N.W.	6	C	29.47	+ 02	45	43	+ 4	N.W.	6	0	4	53	40	0.21		
Parsonstown ...	29.61	47	N	1	O	29.64	+ 17	45	40	- 5	N	3	0	6	54	44	0.09		
Barrow-in-Furness	29.52	47	N.W.	4	C	29.52	- 04	47	45	+ 9	N.W.	6	0	5	49	37	0.32		
Holyhead ...	29.62	50	N	5	C	29.63	+ 11	49	44	+ 1	N	4	0	4	51	45	0.03		
Liverpool (Bidston)	29.54	51	N.W.	8	O	29.58	- 00	50	48	+ 12	S.W.	6	0	4	54	39	0.19		
Valencia ...	29.63	51	S.W.	5	O.M.	29.73	+ 21	48	44	- 4	N.W.	6	0	6	55	47	0.44		
Roche's Point ..	29.67	51	N.W.	5	C	29.73	+ 08	47	45	- 5	N.W.	5	0	4	55	45	0.15		
Pembroke ...	29.75	50	N.W.	5	C	29.75	+ 09	50	48	0	N.W.	6	0	6	50	46	0.24		
Scilly ...	29.86	52	S.W.	6	C	29.88	+ 05	52	51	0	N.W.	5	0	4	52	50	0.12		
Prawle Point ...	29.87	51	S.W.	7	C	29.90	+ 05	50	50	0	S.W.	7	0	6	52	48	0.16		
Hurst Castle ...	29.87	50	N.W.	6	C	29.88	+ 06	50	50	+ 2	N.W.	8	0	6	51	48	0.07		
Dover ...	29.86	48	N	5	O.M.	29.88	+ 09	48	47	+ 3	N.W.	6	0	4	51	44	0.08		
London...	29.79	53	N.W.	6	O	29.81	+ 04	52	51	+ 10	S.W.	6	0	6	55	41	0.02		
Oxford ...	29.83	51	S.W.	4	C	29.79	+ 04	54	52	+ 12	N.W.	3	0	6	54	42	0.09		
Cambridge ...	29.71	54	S.W.	2	A	29.74	- 01	53	52	+ 14	S.W.	4	0	*	55	38	0.07		
Yarmouth ...	29.67	51	S.W.	5	C	29.71	- 06	52	51	+ 12	S.W.	6	0	4	52	38	0.10		
The Helder ...	29.67	45	S.S.W.	5	O	29.70	- 12	46	46	-	S.S.W.	7	0	4	46	37	-		
Cape Griz Nez...	29.87	49	N	8	O	29.88	+ 09	49	49	+ 1	N.W.	9	0	6	50	46	0.16		
Jersey ...	30.02	51	N.W.	6	O.G.	30.01	+ 07	51	51	+ 1	S.W.	6	0	5	52	49	0.01		
Brest ...	30.03	52	N.W.	7	C	30.02	+ 07	52	52	+ 1	N.W.	7	0	5	?	48	0.08		
Lorient ...																			
Rocheport ...	30.57	53	N	8	O	30.38	+ 12	51	50	- 1	S.S.W.	4	0	2	55	45	0.08		
Biarritz ...	30.38	57	E	1	O	30.35	+ 03	52	47	- 3	E	3	0	2	61	46	-		
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*	29.99	+ 11	51	50	+ 12	S.W.	7	0	*	52	?	0.08		
Charleville ...	30.12	49	N	4	O	30.10	+ 15	50	48	+ 11	S.W.	4	0	*	51	?	0.24		
Paris ...	30.13	55	N.W.	1	C	30.22	+ 25	53	51	+ 2	S	0	0	*	*	*	0.04		
Lyons ...	30.34	44	S	1	O	30.40	+ 07	43	43	-	N	1	0	*	47	37	0.08		
Toulon ...	30.35	54	N	5	C	30.39	+ 07	47	46	+ 1	E	1	0	3	57	46	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.29	44	S.W.	4	O	28.31	- 06	44	44	+ 12	N.W.	5	0	*	46	31	0.95		

EXPLANATION OF COLUMNS.

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

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

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

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

Printed by D. J. D. Lith. London.

WEATHER CHARTS

For 8 a.m. on

WEDNESDAY, 30th JANUARY

1884.

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 heads and feathers refer to force, thus —

→ = force above 10; → = forces 8 to 10;
→ = forces 5 to 7; → = forces 1 to 4;
○ = dead calm.

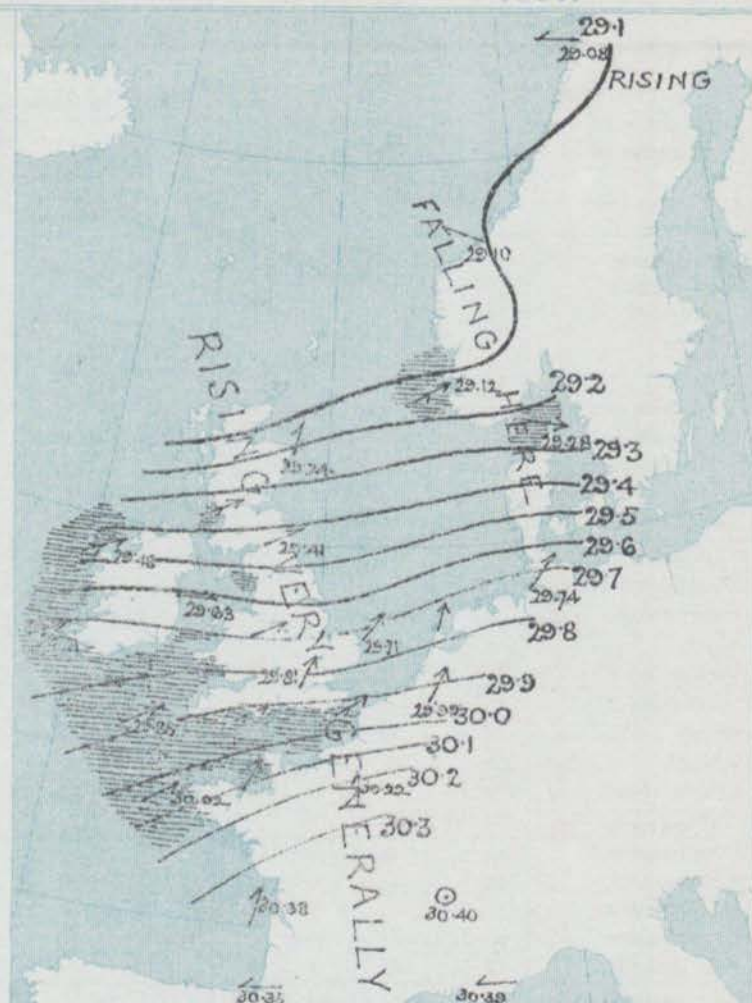
Sea Disturbance — where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
Sunbury Head	29.661
Stornoway	29.657
Wick	29.689
Nairn	29.729
Aberdeen	29.765
Leith	29.810
Shields	29.867
York	29.916
Arbroath	29.877
Dunfermline	29.858
Holmhead	29.875
Liverpool	29.906
Valencia	29.953
Rochester Point	29.883
Pembroke	29.913
Scilly	29.953
Harst Castle	29.975
Dover	30.002
LONDON	30.057
Oxford	30.074
Cambridge	30.076
Yarmouth	30.063



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.

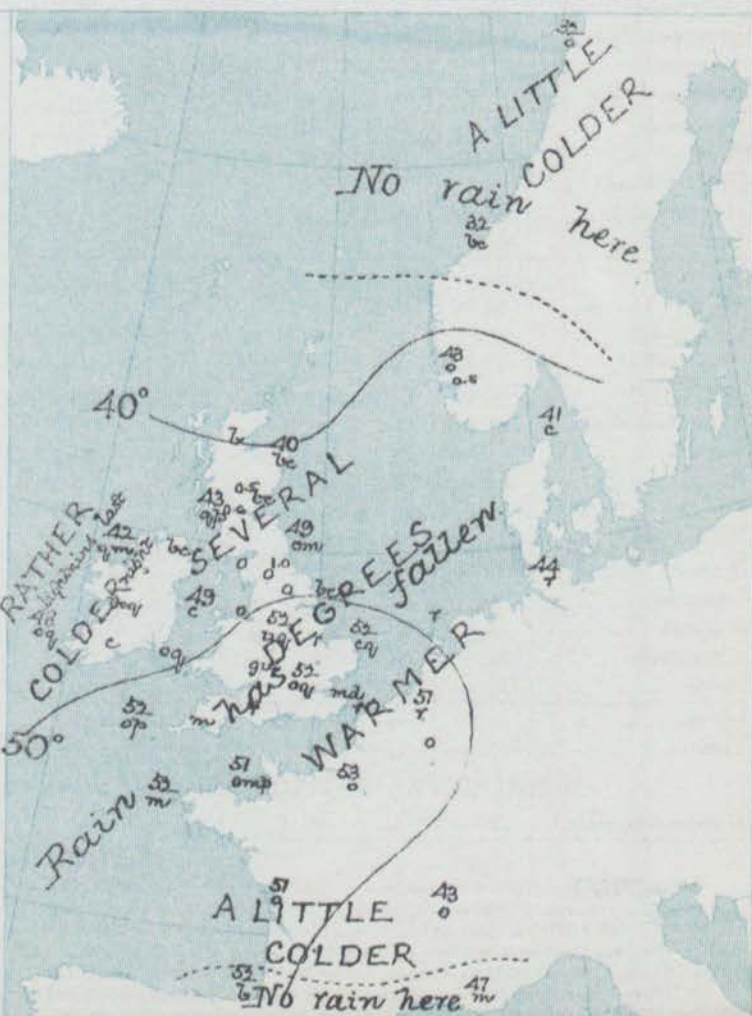
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sunbury Head	39.2	35.3	3.72
Stornoway	38.9	37.6	5.20
Wick	37.9	36.5	4.80
Nairn	36.9	35.3	1.90
Aberdeen	37.3	36.7	2.42
Leith	38.2	37.2	2.02
Shields	37.3	36.6	1.22
York	36.9	35.9	1.88
Arbroath	40.1	38.4	4.86
Dunfermline	39.7	38.8	3.03
Holmhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.46
Valencia	44.1	43.3	7.22
Rochester Point	43.1	42.0	5.03
Pembroke	42.8	41.3	4.13
Scilly	46.5	45.0	4.24
Harst Castle	40.7	40.0	3.36
Dover	39.6	38.4	3.03
LONDON	38.1	37.1	2.41
Oxford	37.6	36.6	2.53
Cambridge	36.5	35.7	1.84
Yarmouth	37.8	37.1	2.24

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1868—80.



The reports from our northern stations are not sufficiently numerous to admit of the preparation of forecasts for Scotland.

1884.

Frederick Douglass, 4th. London, 1933.

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnaes								Valencia	29.62	54	52	W	5	0	5
Sumburgh Head								Scilly	29.84	52	51	SW	7	1	5
Stornoway								Dover	29.82	49	48	W	3	C	5
Aberdeen	29.26	57	36	S	6	N	3	London	29.78	56	52	SW	5	0	*
Shields	29.86	42	40	SW	14	0 m	2	Yarmouth	29.70	48	47	SW	3	C	3
Ardrossan	29.23	49	47	SW	5	0	5	Jersey	29.99	52	62	WSW	6	0	5
Mullaghmore								Rochefort	30.34	54	53	W	8	f	4
Holyhead	24.51	50	49	SSW	4	m q	4								

REMARKS.

The barometer is falling quickly in the N. of England and the wind on our S^t coasts is inclined to increase from the N^t. At Valencia a recovery of pressure has commenced. Rain is falling at Aberdeen and Scilly. The sea is rather rough at Holyhead, slight at Dover.

DAILY WEATHER REPORT

for *Thursday 31st January 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.		Sea. (0 to 9).	SHADE TEMP.					
			Direc.	Force. (0 to 12).				Dry.	Wet.		Direc.	Force. (0 to 12).		Weather.	Max.	Min.	Amount of Rainfall.		
Haparanda	29.31	27	S	4	0	29.32		22	22		S	2	0	*	30	7	0.39		
Hernösand ...	29.22	12	L	0	0	29.24		22	21		L	0	0	*	27	5	0.20		
Stockholm ...	29.19	32	S	4	4	29.30		28	27		WNW	8	6c	*	34	28	0.24		
Wisby ...	29.30	38	N	8	1	29.30		39	37		WNW	8	0	*	41	32	0.12		
Bodö	29.01	32	E	2	6c	29.09	+ .01	31	30	- 1	SE	2	8	2	32	28	-		
Christiansund ...	29.03	32	SE	1	0	29.33	+ .23	35	32	+ 3	WNW	4	c	4	36	28	-		
†Skudesnaes ...	29.19	41	WNW	8	c	29.44	+ .32	41	38	- 2	WNW	4	6c	5	43	41	0.32		
Oxö (Xilansund) ...	29.19	40	WSW	8	6c	29.45	+ .19	41	39	- 1	WSW	6	c	4	43	37	0.24		
Skagen (The Skaw)	29.27	42	N	6	6	29.44	+ .16	41	39	0	N	7	6	6	43	36	0.08		
Fanö ...	29.65	41	N	6	6	29.77	+ .19	41	40	- 1	N	6	0	*	45	39	0.04		
Cuxhaven ...	29.69	42	N	5	1	29.85	+ .11	41	41	- 3	WSW	4	0	*	46	37	0.30		
†Sumburgh Head																			
†Stornoway ...																			
Wick ...																			
Nairn ...	29.25	37	W	4	c	29.49	+ .36	38	36	- 1	WSW	5	6	3	41	34	0.25		
†Aberdeen ...	29.36	37	WSW	4	6	29.55	+ .31	40	37	0	WSW	2	6	2	44	35	0.01		
Leith ...	29.51	42	N	5	6c	29.62	+ .34	42	39	- 4	N	3	om	*	47	38	0.03		
†Shields ...	29.61	44	WSW	6	nm	29.72	+ .31	44	42	- 5	SW	1	0	2	49	38	0.11		
Spurn Head ...	29.79	44	WSW	4	6	29.81	+ .25	42	41	- 6	S	4	0	3	40	-	-		
York ...	29.76	44	N	3	6	29.78	+ .24	44	42	- 6	SSW	1	1	*	52	41	0.03		
Loughborough...	29.87	46	WSW	3	0	29.80	+ .14	42	42	- 10	ESE	1	ogmd	*	54	42	0.02		
†Ardrossan ...	29.55	40	WSW	7	0	29.65	+ .28	43	43	0	SW	2	0	2	44	36	0.02		
†Mullaghmore ...	29.62	44	WSW	7	omg	29.71	- .09	44	43	+ 2	ESE	2	ogm	5	45	39	0.10		
Donaghadee ...	29.65	40	WNW	4	6	29.68	+ .21	41	41	- 4	SSW	1	c	0	46	35	0.18		
Parsonstown ...	29.78	43	SW	2	c	29.87	- .07	41	39	- 4	E	1	o2m	*	47	39	0.13		
Barrow-in-Furness	29.73	42	WSW	5	0	29.72	+ .20	43	42	- 4	SE	4	1	5	49	41	0.08		
†Holyhead ...	29.79	48	WNW	5	ng	29.67	+ .04	43	42	- 6	S	2	1	2	49	42	0.13		
Liverpool (Bidston)	29.79	56	SW	8	c	29.73	+ .15	42	41	- 8	SSE	3	0	3	50	42	0.04		
†Valencia ...	29.83	49	WSW	4	om	29.85	- .38	49	48	+ 1	ESE	5	orm	6	51	41	0.17		
Roche's Point ..	29.85	44	WSW	4	0	29.46	- .27	50	50	+ 3	SE	5	nm	5	51	41	0.05		
Pembroke ...	29.90	48	WSW	4	6	29.89	- .16	49	49	- 1	SSW	6	ng	6	50	43	0.23		
†Scilly ...	29.96	49	SW	3	0	29.66	- .22	52	51	0	SSW	5	1	4	52	49	0.32		
Prawle Point ...	30.02	47	ESE	3	0	29.79	- .11	49	49	- 1	S	6	1	6	51	45	0.49		
Hurst Castle ...	30.01	47	SW	3	c	29.85	- .03	49	49	- 1	SSW	7	nm	4	50	46	0.29		
†Dover ...	29.99	49	N	3	omp	29.91	+ .03	48	47	0	SW	5	omp	3	49	45	0.12		
†London...	29.97	47	N	3	6c	29.84	+ .03	50	49	- 2	S	3	1	*	55	45	0.20		
Oxford ...	29.98	46	SW	4	0	29.79	- .00	46	46	- 8	SE	2	1	*	54	43	0.21		
Cambridge ...	29.93	47	WSW	3	0	29.85	+ .11	43	43	- 10	ESE	1	1	*	56	41	0.15		
†Yarmouth ...	29.88	48	N	4	c	29.88	+ .17	43	41	- 9	SE	3	cd	3	55	41	0.01		
The Helder ...	29.88	45	WSW	3	c	29.95	+ .25	44	42	- 2	SW	3	c	3	48	43	0.04		
Cape Griz Nez...	29.92	49	WSW	8	1	29.92	+ .04	47	47	- 2	SW	8	1	6	52	45	0.24		
†Jersey ...	30.06	50	WSW	4	1f	29.92	- .09	48	48	- 3	SSW	4	ogm	4	51	47	0.50		
Brest ...	30.03	50	WSW	5	1	29.89	- .13	51	51	- 1	WSW	9	1	7	52	50	0.24		
Lorient ...	30.13	53	SW	8	m	30.00	- .14	52	50	0	S	8	0	6	55	48	-		
†Rochefort ...	30.35	51	SW	4	6c	30.19	- .19	45	45	- 6	SSE	5	0	2	57	39	-		
Biarritz ...	30.28	52	NE	4	6	30.13	- .22	50	54	+ 7	S	3	6	2	61	50	-		
Corunna ...	*	*	*	*	*	30.01	+ .02	48	47	- 3	SSW	7	1	*	55	48	0.20		
Brussels ...	*	*	*	*	*	30.01	+ .02	48	45	- 2	W	4	0	*	54	47	0.08		
Charleville ...	29.74	51	N	4	0	30.12	+ .02	48	47	- 5	S	1	m	*	*	*	-		
Paris ...	30.19	53	S	4	0	30.13	- .09	48	47	- 5	S	1	m	*	*	*	-		
Lyons ...	30.36	49	W	1	6	30.29	- .11	35	35	- 8	E	1	6	*	55	33	-		
Toulon ...	30.45	51	L	2	6	30.49	+ .10	47	46	0	SE	1	1	2	59	45	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.46	40	N	3	0	28.48	+ .17	40	39	- 4	SSW	3	0	*	44	35	0.04		

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

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WEATHER CHARTS

for 8 a.m. on Thursday, 31st January, 1884.

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.

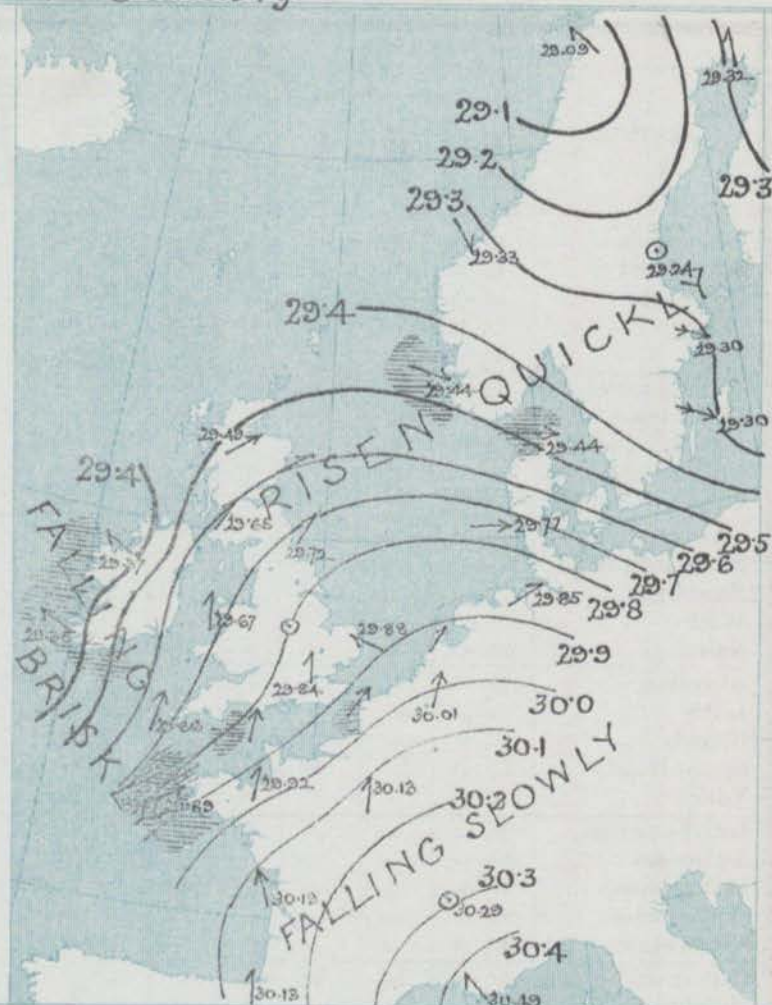
Sea Disturbance — where considerable is shown thus

— = Rough. — = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.681
Stormoway	29.657
Wick	29.627
Nairn	29.728
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.917
Donaghadee	29.928
Ballyhead	29.935
Liverpool	29.961
Valencia	29.962
Roche's Point	29.999
Pembroke	29.913
Scilly	29.953
Burton Castle	29.975
Dover	30.002
LONDON	29.981
Oxford	29.974
Cambridge	29.976
Yarmouth	29.964



REMARKS.

for Thursday 31st January.

1884. at 8 a.m.

A depression which appears to be of considerable size and depth is approaching our south-west coast, and the barometer is therefore falling quickly over the southern parts of England and Ireland, as well as in the west of France. On our north and east coast, however, the mercury is still rising. The wind has backed to SE in Ireland and to S. over England and France, but in Scotland and also on the eastern shores of the North Sea it remains W². On our south-west coast it is inclined to increase in force. The weather is dull and rainy at most of the western and southern stations, but at Nain and Aberdeen the sky is reported to be quite clear. In the course of the past 24 hours rain has fallen generally. A thunderstorm occurred at Donaghadee yesterday afternoon and lightning was seen at Nain and Sully, in the evening. Temperature has fallen several degrees in the E. and W. of England, and readings now range from 52° at Sully to 38° at Nain. (During yesterday, the thermometer rose to 55° in London and at Yarmouth and to 56° at Cambridge. The sea is rough in the west and south, but slight in the east.

The depression which is approaching our south-west coast will probably advance in a NE² direction and occasion S. to SW. gales over the south of England.

Note. The reports from Sumburgh Head, Stromoy and Wick are still wanting.

FORECASTS

For the 24 hours ending at NOON on 1st February. 1884.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	Wind backing to the SE ² , force doubtful; fine to unsettled and some rain or sleet.	6 { SCOTLAND WEST	Same as No 0 and 1.
1 { SCOTLAND EAST	----- D ² ----- D ² ----- D ² -----	7 { ENGLAND N. W.	SE ² winds, increasing considerably; dull, rainy.
2 { ENGLAND N. E.	S ² winds, increasing considerably; dull, rainy.	8 { ENGLAND S. W.	SW ² to W ² strong winds and gales dull and rainy to fair.
3 { ENGLAND EAST	----- D ² ----- D ² ----- D ² -----	9 { IRELAND NORTH	SE ² strong winds and gales, subsequently shifting to NW.; dull and rainy to fair.
4 { MIDLAND COUNTIES	S ² to SW ² ^{winds} increasing to a gale; dull and rainy at first, some improvement later.	10 { IRELAND SOUTH	----- D ² ----- D ² ----- D ² -----
5 { ENGLAND SOUTH	----- D ² ----- D ² ----- D ² -----	WARNINGS	The south cone has been hoisted this morning in districts 5, 8 to 10 and part of 7.

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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.19	43	40	SSW	4	0	5	Valencia	29.79	50	47	SW	7	og	7
Sumburgh Head								Scilly	29.96	51	49	SW	3	0	4
Sternoway								Dover	29.94	49	48	WSW	4	o m d	3
Aberdeen	29.80	41	37	SSW	5	6	2	London	29.90	54	52	W	4	o 1	*
Shields	29.87	46	40	W	7	c m	2	Yarmouth	29.77	54	51	WSW	5	o 4	4
Ardrossan	29.48	44	43	SW	9	2	7	Jersey	30.02	51	51	SW	6	2 f	5
Mullaghmore	29.87	42	41	WSW	6	c g m g	6	Rochefort	30.38	55	53	SW	5	0	2
Holyhead	29.75	48	43	WSW	4	c	5								

REMARKS.

The northern Scotch reports have not arrived, but the barometer continues to rise at all the English and Irish stations excepting Valencia, where the rise appears to have ceased since noon. Fresh or strong SW and W winds continue generally, with cloudy weather in most places and rain in the SE of England. The sea is rather rough at Holyhead, slight at Dover.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JAN^y 1884.

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	+ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.			
				Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.	
2 nd	Corunna.	*	*	*	*	*	29.94	-	55	54	-	SSE	1	0	2	55	41	0.04	
3 rd	Lyons.	30.36	36	E	1	0	30.33	-	38	36	-	SEW	1	0	*	38	33	-	
4 th	Loulon.	30.46	45	SE	7	0	30.40	-0.08	44	39	+3	E	4	0	4	46	39	-	
5 th	Corunna.	*	*	*	*	*	30.20	-	58	54	-	SE	4	0	?	?	?	-	
6 th	Lorient.	30.19	50	SE	4	6	30.05	-1.1	49	48	-2	SE	7	m	5	50	45	?	
7 th	Corunna.	*	*	*	*	*	30.19	-0.1	61	58	+3	SSE	4	n	4	64	52	0.04	
8 th	Corunna.	*	*	*	*	*	30.42	+1.5	54	63	-4	N	4	0	4	63	48	0.04	
9 th	Corunna.	*	*	*	*	*	30.61	+1.5	45	44	-1	E	1	6	4	57	39	-	
10 th	Corunna.	*	*	*	*	*	30.63	-0.4	41	40	-1	SE	1	6	4	57	34	-	
11 th	Corunna.	*	*	*	*	*	30.47	-1.6	50	45	+5	SE	1	6	4	57	36	-	
12 th	Corunna.	*	*	*	*	*	30.70	+1.3	36	?	-11	SE	1	6e	6	59	32	-	
13 th	Corunna.	*	*	*	*	*	30.54	-0.5	43	41	-2	E	3	6	4	55	34	-	
14 th	Corunna.	*	*	*	*	*	30.50	-	39	39	-	ESE	3	6	2	57	32	-	
15 th	Tanö.	30.43	41	WNW	4	0	30.45	+1.0	41	41	-1	WNW	4	0	4	43	37	-	
16 th	Palencia.	30.47	52	S	6	0	30.64	+1.6	50	49	-1	SSE	6	e	6	53	49	-	
17 th	Pembroke.	30.57	47	SW	2	0	30.54	-0.4	47	43	+4	SSE	3	0	2	47	45	-	
18 th	Corunna.	*	*	*	*	*	30.55	-	38	37	-	SSE	2	6	2	55	34	-	
19 th	Bodo.	28.63	37	SE	2	0	29.17	-1.4	30	26	-4	N	8	6e	5	39	28	-	
20 th	Sumburgh Head.	29.69	44	W	4	0	29.55	+1.44	41	39	-2	NW	8	0	7	48	35	0.39	
21 st	Stornoway.	29.65	45	SW	6	0	29.97	+3.7	40	39	-1	W	4	6qp	4	46	36	0.44	
22 nd	Lorient.	30.59	45	SSW	4	m	30.65	-	46	46	-	NW	1	0	3	46	37	-	
23 rd	Sumburgh Hd 2pm.	-	-	-	-	-	29.82	-	42	39	-3	W	4	0	6	-	-	-	
24 th	Tanö.	30.24	41	WSW	4	0	29.90	+0.2	44	42	+2	WSW	8	e	4	45	39	-	
25 th	Sumburgh Head.	29.58	43	S	6	0	29.29	-1.26	41	36	-5	W	7	0	7	48	37	0.25	
26 th	Corunna.	*	*	*	*	*	30.63	-	38	37	-	SE	1	6	4	54	36	-	
27 th	Sumburgh Hd 2pm.	-	-	-	-	-	29.25	-	40	36	-4	W	7	0	7	-	-	-	
28 th	Sumburgh Head.	29.24	37	W	6	0	29.34	+0.5	34	33	-1	Z	0	6e	3	41	31	0.05	
29 th	Spurn Head.	29.61	52	WSW	8	0	29.67	-0.34	42	41	-1	S	4	0	3	52	41	-	
30 th	Corunna.	*	*	*	*	*	30.61	-0.2	47	46	+1	SSW	1	0	4	57	32	-	
31 st	Sumburgh Hd 2pm.	-	-	-	-	-	28.99	-	39	35	-4	SSE	4	0	4	-	-	-	
1 st	Mullaghmore 2pm.	-	-	-	-	-	29.01	-	42	41	-1	WNW	9	0	8	-	-	-	
2 nd	Haparanda.	28.57	10	Z	0	6	28.73	+3.4	17	17	-2	N	6	0	19	?	-	-	
3 rd	Bernsund.	28.87	26	NW	6	6	28.98	+1.5	14	14	-2	NW	2	6	4	36	?	-	
4 th	Stockholm.	29.02	29	W	4	6	29.03	+1.8	19	18	-1	NW	2	6	4	39	?	-	
5 th	Nisby.	29.03	36	N	8	0	28.94	-0.4	30	27	-3	E	4	6e	4	39	?	-	
6 th	Bodo.	28.86	24	N	4	6e	28.89	+4.9	23	22	-1	N	2	0	1	32	28	0.04	
7 th	Christiansund.	29.08	27	SW	3	0	28.93	-0.7	38	27	-11	E	4	0	4	?	23	0.04	
8 th	Skudsmo.	28.95	36	SE	4	0	29.11	-1.23	35	30	-5	SE	4	0	4	37	?	-	
9 th	Oslo.	29.01	37	ESE	4	0	28.77	-1.51	29	28	-1	NNE	6	0	4	?	28	-	
10 th	Skagen.	29.04	37	ESE	2	0	28.97	-1.26	31	29	-2	NE	7	0	6	39	30	-	
11 th	Tanö.	28.75	37	Z	0	0	28.82	-1.44	34	32	-2	N	7	0	4	41	32	0.35	
12 th	Sumburgh Hd.	28.91	38	SE	4	0	29.04	-1.50	34	33	-1	W	4	0	4	40	31	0.17	
13 th	Spurn Head.	28.87	45	WSW	9	0	29.50	-1.7	39	36	-3	WNW	8	0	4	52	36	0.43	
14 th	Mullaghmore.	29.29	43	WNW	9	0	29.77	+1.73	40	38	-2	NW	7	0	6	52	36	0.86	
15 th	Paroskoun.	29.50	40	WSW	9	0	29.90	+1.67	36	34	-2	WSW	7	0	4	54	35	0.26	
16 th	The Helles.	29.03	46	WSW	7	0	29.24	-1.77	42	40	-2	NW	9	0	5	48	39	0.51	
17 th	Corunna.	*	*	*	*	*	30.47	-1.4	50	46	+4	WNW	3	0	5	59	43	0.12	
18 th	Cape Qui Rey.	29.97	43	WNW	9	0	29.77	-1.4	44	41	-3	W	8	0	6	48	41	-	
19 th	Lorient.	29.85	48	W	5	0	29.66	-1.36	51	49	+2	WSW	8	m	7	52	46	0.08	
20 th	Corunna.	*	*	*	*	*	30.20	-	50	49	-1	SSE	4	0	4	55	39	0.04	
21 st	Spurn 2pm.	-	-	-	-	-	29.20	-	50	48	-2	SW	9	0	7	-	-	-	
22 nd	Haparanda.	?	30	?	6	6	28.71	+1.3	33	32	+1	S	6	0	31	?	0.35		
23 rd	Bernsund.	28.86	33	S	8	6	28.65	-1.3	34	32	+2	S	6	0	31	?	0.16		
24 th	Stockholm.	28.75	35	SSW	8	0	28.80	-1.24	35	32	-3	SSW	8	0	4	39	32	0.08	
25 th	Nisby.	28.96	37	SW	8	6e	28.98	-1.23	36	34	-2	WSW	8	0	4	41	32	0.12	
26 th	Sumburgh Head.	28.31	37	SE	7	0	29.35	-1.80	38	37	+1	NE	5	0	7	41	32	0.32	
27 th	Stornoway.	27.79	32	ESE	8	0	28.02	-1.74	33	33	-1	WNW	9	0	7	35	22	0.86	
28 th	Trick.	28.00	35	SE	10	0	27.69	-1.09	36	34	+2	N	3	6e	4	40	28	0.35	
29 th	Plain.	27.68	36	ESE	4	0	27.99	-0.85	33	33	+1	W	9	0	6	39	26	0.80	
30 th	Androsan.	27.62	43	S	8	0	28.32	-1.51	38	36	-2	W	9	0	6	47	35	0.50	
31 st	Mullaghmore.	27.86	39	W	11	0	28.81	+0.8	34	34	-1	WNW	8	0	6	43	31	0.81	
1 st	Spurn.	28.85	49	SW	10	0	29.29	-1.5	42	39	-3	W	9	0	6	50	36	0.99	
2 nd	Bodo.	28.45	30	E	6	0	28.32	-1.9	36	32	+3	ESE	4	0	3	36	27	-	
3 rd	Christiansund.	27.87	38	ESE	1	0	28.08	-1.6	38	37	+1	SW	3	0	4	?	27	-	
4 th	Skudsmo.	27.94	41	SSW	9	0	28.45	+3.8	40	37	+3	WNW	9	0	8	43	?	0.24	
5 th	Oslo.	28.85	39	S	1	0	28.45	+2.6	41	39	+2	WSW	8	0	6	41	34	0.35	
6 th	Tanö.	28.81	33	WSW	9	0	28.87	+3.1	38	36	-2	WSW	8	0	6	41	32	0.20	
7 th	Sumburgh Hd.	27.96	37	N	5	0	28.72	+2.4	36	35	-1	N	6	0	6	39	32	0.37	

Continued on page 4.

SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING

Observations are made

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

Names of Districts	Names of Stations	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from observations made at 8 a.m.	Air Temperature								Tension of Vapour
			At 8 a.m.	Means of			Absolute Extremes				
				Minima	Maxima	Min. and Max. combined	Minimum	Date	Maximum	Date	
		ins.	°	°	°	°	°	°	°	ins.	
0. SCOTLAND, N.	Sumburgh Head ...	29.531	40.6	35.9	43.8	39.9	27	26 th	49	15 th	0.219
	Wick ...	29.646	39.5	34.7	43.2	39.0	24	26 th	51	15 th	.208
	Stornoway ...	29.648	40.0	34.9	43.8	39.4	21	26 th	50	8 th 18 th 21 st	.230
1. SCOTLAND, E.	Nairn ...	29.701	39.3	35.8	43.6	39.7	26	2nd + 26 th	52	8 th 19 th + 21 st	.211
	Aberdeen ...	29.729	39.6	34.6	45.1	39.9	25	26 th + 27 th	55	16 th	.204
	Leith ...	29.801	42.4	38.0	46.7	42.4	30	3 rd	54	9 th	.229
2. ENGLAND, N.E.	Shields ...	29.897	42.9	38.5	47.1	42.8	30	28 th	55	9 th	.233
	York ...	29.966	42.4	38.4	47.8	43.1	31	28 th	54	9 th 10 th 22 nd 23 rd	.235
	Spurn Head ...	29.961	41.6	37.7	45.7	41.7	32	26 th	54	29 th	.239
3. ENGLAND, E.	Yarmouth ...	30.041	41.0	37.4	45.9	43.4	33	1 st 2 nd 28 th	55	30 th	.231
	Cambridge ...	30.076	41.8	37.4	48.5	43.0	32	2 nd 16 th + 29 th	56	23 rd 30 th	.239
4. MIDLAND COUNTIES.	Loughborough ...	30.031	41.9	38.7	47.8	43.3	31	27 th	54	22 nd 29 th 30 th	.232
	Oxford ...	30.101	43.1	40.1	48.4	44.3	32	1 st + 2 nd	55	23 rd	.250
5. ENGLAND S.	London ...	30.120	42.7	39.5	48.8	44.2	32	1 st	56	29 th	.241
	Dover ...	30.128	42.7	39.4	47.3	43.4	32	1 st	51	26 th 27 th 28 th 29 th 30 th	.244
	Hurst Castle ...	30.147	44.3	41.0	49.0	45.0	34	1 st + 2 nd	53	23 rd	.270
6. SCOTLAND, W.	Ardrossan ...	29.835	43.1	38.9	46.3	42.6	29	3 rd	50	4 th 5 th + 8 th	.261
7. ENGLAND, N.W.	*Hawes Junction ...	28.662	38.1	33.8	41.8	37.8	18	27 th	48	4 th + 5 th	.219
	Barrow-in-Furness...	29.924	43.0	39.7	46.1	42.9	33	2nd + 28 th	49	4 th 5 th 9 th 10 th	.249
	Liverpool Obs ^r (Bidston)	29.975	43.5	40.6	47.7	44.2	33	2 nd 3 rd 16 th 28 th	54	22 nd 29 th 30 th	.241
	Holyhead ...	29.984	45.4	40.9	48.2	44.6	32	28 th	53	22 nd	.258
8. ENGLAND, S.W.	Pembroke ...	30.051	46.7	43.4	48.7	46.1	33	28 th	52	4 th	.249
	Prawle Point ...	30.159	45.8	41.5	48.8	45.2	33	28 th	52	4 th	.281
9. IRELAND, N.	Donaghadee ...	29.897	42.8	39.0	46.9	43.0	29	27 th	54	22 nd	.257
	Mullaghmore ...	29.862	44.5	41.0	48.5	44.8	31	27 th	54	4 th	.266
10. IRELAND, S.	Parsonstown ...	29.972	44.0	39.9	48.9	44.4	30	27 th + 28 th	55	22 nd	.250
	Valencia ...	30.006	48.4	43.8	52.3	48.1	33	27 th	55	3 rd 22 nd 23 rd 24 th	.300
	Roche's Point	30.034	46.5	42.5	51.0	46.8	34	27 th + 28 th	55	29 th	.293
CHANNEL ISLANDS.	Scilly (St. Mary's)...	30.136	48.9	46.0	50.8	48.4	39	2nd	54	9 th	.311
	Jersey (Noirmont)...	30.207	45.0	41.6	48.7	45.2	34	1 st	53	23 rd	.280

Note. The Nos of days of Rain, Snow, Hail, Thunderstorms and Sails are compiled with out

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

Note. The No. of days of Rain, Snow, Hail, Thunderstorms and Sails are compiled with out

*Hawes Junction is 1335 feet above mean Sea Level and the

STATIONS in the BRITISH ISLANDS during the month of JANUARY 1884.
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 observations 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.																	
%																				
87	8.4	5.27	0.67	30 th	28	2	0	0	10	19	5	4	3	0	2	2	3	10	6	1
86	6.5	3.68	0.55	27 th	23	3	3	1	5	12	9	1	0	0	3	4	5	7	11	0
94	7.4	9.00	1.35	27 th	27	5	4	1	7	19	10	1	0	1	2	6	3	12	4	2
88	6.0	3.77	0.44	21 st	22	7	0	0	9	11	5	0	0	1	1	1	7	13	2	6
84	5.2	3.02	0.87	23 rd	17	5	1	0	12	10	5	0	0	0	2	3	10	14	2	0
85	6.1	3.18	0.52	29 th	19	2	0	0	6	9	5	0	0	0	5	2	2	18	4	0
84	8.4	2.83	0.53	3 rd	18	2	0	0	2	20	12	0	0	1	2	2	10	15	1	0
87	7.9	3.10	0.62	3 rd	18	0	0	0	5	22	1	0	0	2	2	4	7	14	2	0
92	5.6	1.87	0.43	23 rd	11	2	0	1	8	9	5	0	0	1	3	6	6	12	3	0
90	6.5	1.39	0.29	26 th	18	1	1	0	2	9	6	0	0	1	2	3	9	12	3	1
91	6.9	1.45	0.26	26 th	15	0	0	0	7	20	1	0	0	2	2	3	13	9	2	0
88	8.1	2.49	0.39	23 rd	17	2	1	0	1	19	12	0	0	2	3	2	8	10	3	3
89	7.5	2.16	0.40	26 th	18	1	1	0	7	19	3	0	0	2	2	3	13	9	2	0
88	7.7	1.93	0.38	26 th	17	2	0	0	4	18	6	0	0	2	0	6	11	9	2	1
88	5.5	2.02	0.32	25 th	18	0	1	1	10	12	3	3	0	1	1	1	4	16	4	1
93	6.7	2.74	0.48	26 th	18	0	0	1	3	8	7	1	1	2	0	4	7	11	4	1
93	8.5	6.28	0.62	29 th	29	5	4	0	1	21	10	0	3	1	2	2	8	13	2	0
95	9.7	11.09	2.01	22 nd	28	6	0	0	1	30	8	0	2	1	2	1	8	15	2	0
90	8.4	5.01	0.85	3 rd	24	0	3	0	1	24	6	0	3	0	5	5	8	6	4	0
85	7.1	2.84	0.40	23 rd	19	2	2	0	6	16	5	0	0	2	6	2	10	10	1	0
86	8.9	2.09	0.44	26 th	19	1	1	0	1	22	2	1	0	1	1	6	8	9	4	1
88	8.7	3.72	0.61	26 th	19	0	2	0	0	20	6	1	0	1	1	6	9	11	1	1
92	8.1	3.27	0.45	26 th	22	0	0	0	1	18	7	2	1	1	2	2	10	8	3	2
94	8.0	5.72	0.95	3 rd	25	3	1	1	0	13	7	1	0	0	1	5	4	12	8	0
90	8.3	6.24	0.91	22 nd	27	2	9	4	2	17	15	0	0	2	2	4	12	7	4	0
86	9.1	3.83	0.55	22 nd	25	1	0	0	0	25	0	0	0	4	3	5	7	9	2	1
87	8.8	6.44	1.22	4 th	26	0	3	0	1	22	10	2	0	4	2	5	7	7	3	1
93	7.4	7.46	1.06	2 nd	21	1	0	0	4	16	5	1	1	0	4	3	7	11	4	0
91	8.9	3.19	0.58	26 th	21	0	1	1	0	20	7	1	2	1	1	5	9	7	5	0
94	8.0	3.52	0.99	26 th	20	0	2	2	1	18	7	3	2	2	1	4	7	8	4	0

reference to the hour at which the phenomena occurred.

Barometric Observations at this station are not corrected for altitude

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

DATE.	STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.							PAST 24 HOURS.			
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sun. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
				Dirce.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.	
28 th	Stornoway.....	28.31	35	WNW	10	S	29.08	+1.06	34	32	+1	NW	3	6	3	31	31	1.35
"	Wick.....	28.16	35	WNW	8	S	29.00	+1.31	34	32	-2	NW	5	6	3	31	32	0.55
"	Nairn.....	28.34	32	WSE	4	O	29.07	+1.08	32	32	-1	NW	4	6	4	33	29	0.44
"	Aberdeen.....	28.31	36	W	9	O	29.01	+1.15	35	32	-2	WNW	5	6	5	31	32	0.07
"	Androssan.....	28.67	38	W	9	C	29.18	+0.86	39	39	+1	WSE	5	6	4	39	33	0.03
"	Mullaghmore.....	28.87	35	WNW	6	S	29.37	+0.66	42	40	+8	WNW	8	6	6	43	33	0.29
"	Cape Grib Rog.....	29.26	41	W	9	O	29.45	+0.38	40	38	-3	WNW	11	6	8	48	36	0.04
"	Jersey.....	29.41	41	W	8	C	29.79	+0.30	44	41	+2	WNW	8	C	7	46	37	0.44
"	Brest.....	"	50	SW	11	A	29.38	"	43	41	"	WNW	6	A	7	52	36	0.47
"	Corunna.....	"	"	"	"	"	30.30	"	57	56	"	WNW	1	O	7	59	46	0.08
"	Lyon.....	29.82	43	SW	1	C	29.82	"	40	39	"	WNW	8	A	"	49	38	0.04
"	Sumburgh Hd 2pm	"	"	"	"	"	29.07	"	35	34	"	WNW	5	C	6	"	"	"
"	Stornoway 2pm	"	"	"	"	"	29.32	"	35	34	"	SW	4	om	3	"	"	"
"	Mullaghmore 2pm	"	"	"	"	"	29.60	"	44	42	"	WSW	6	om	6	"	"	"
"	Jersey 2pm	"	"	"	"	"	29.92	"	47	44	"	W	7	C	7	"	"	"
29 th	Sumburgh Head.....	29.22	35	WNW	4	bc	29.37	+0.65	34	33	-2	WNW	4	bc	3	39	29	0.03
"	Stornoway.....	29.37	33	W	4	O	29.36	+0.28	31	31	-3	W	1	O	1	36	29	0.04
"	Wick.....	29.37	33	W	3	O	29.42	+0.42	35	32	+1	SW	2	O	2	35	28	"
"	Nairn.....	29.42	32	W	1	C	29.45	+0.38	29	29	-3	W	1	C	2	33	29	"
"	Aberdeen.....	29.44	35	W	2	C	29.52	+0.51	32	30	-3	WSW	2	O	2	40	27	"
"	Androssan.....	29.58	39	WSE	4	bc	29.45	+0.27	39	39	O	ESE	4	A	2	43	35	0.28
"	Mullaghmore.....	29.64	39	SW	5	O	29.29	-0.08	49	49	+7	SW	6	Ag	4	49	37	0.20
"	Sheddenass 2pm	"	"	"	"	"	29.50	"	39	37	"	ESE	4	O	4	"	"	"
"	Sumburgh Hd 2pm	"	"	"	"	"	29.26	"	38	35	"	S	3	O	3	"	"	"
"	Stornoway 2pm	"	"	"	"	"	29.08	"	38	37	"	ESE	6	d	5	"	"	"
"	Mullaghmore 2pm	"	"	"	"	"	29.34	"	47	46	"	W	6	O	5	"	"	"
30 th	Sumburgh Head.....	29.07	37	ESE	4	A	29.15	-0.22	36	35	+2	NNE	1	O	4	40	38	0.49
"	Stornoway.....	29.31	41	W	9	bc	29.02	-0.36	39	39	+8	ESE	4	A	4	43	30	0.39
"	Wick.....	29.01	39	S	3	bc	29.12	-0.30	39	37	+4	S	1	A	2	40	34	0.15
"	Lorient.....	30.17	52	WSE	7	m	30.44	+0.07	52	52	O	SW	7	m	7	53	50	0.04
"	Corunna.....	"	"	"	"	"	30.41	"	54	52	"	S	5	O	3	61	46	"
"	Sumburgh Hd 2pm	"	"	"	"	"	29.08	"	34	33	"	W	1	O	4	"	"	"
"	Stornoway 2pm	"	"	"	"	"	29.07	"	39	37	"	SW	8	bc	6	"	"	"
31 st	Sumburgh Hd.....	29.41	42	WSE	6	A	29.31	+0.16	39	37	+3	W	4	O	4	42	31	"
"	Stornoway.....	29.20	37	W	7	S	29.39	+0.87	40	38	+1	SW	4	C	4	42	34	0.06
"	Wick.....	29.10	37	W	8	bc	29.45	-0.33	38	36	-1	SW	3	C	2	40	35	0.24
"	Sumburgh Hd 2pm	"	"	"	"	"	29.29	"	43	41	"	WSE	5	C	6	"	"	"
"	Stornoway 2pm	"	"	"	"	"	29.44	"	44	42	"	E	4	C	3	"	"	"
2. CORRECTIONS.																		
1 st	Nairn.....	"	"	"	"	"	"	"	31	"	+3	"	"	"	"	37	"	"
2 nd	Donaghadee.....	"	"	SEW	"	"	"	"	"	"	"	"	"	"	"	"	"	"
3 rd	London.....	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0.01
4 th	Nairn.....	"	"	"	"	"	29.89	"	"	"	"	"	"	"	"	31	"	"
5 th	Cambridge.....	230.04	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
6 th	Barrow-in-Furness.....	"	"	"	"	"	"	"	43	"	"	"	"	"	"	"	"	"
7 th	Mullaghmore.....	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0.28
8 th	Barrow-in-Furness.....	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0.87
9 th	Roches Point.....	24.99	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
10 th	Leith.....	29.77	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
11 th	Cambridge.....	29.98	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
12 th	Sumburgh Head.....	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
13 th	Wick.....	"	"	"	"	"	29.60	-0.04	"	"	"	"	"	"	"	"	"	40
14 th	Androssan.....	"	"	"	"	"	29.85	+0.05	"	"	"	"	"	"	"	"	"	"
15 th	Nairn.....	29.96	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
16 th	Wick.....	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
17 th	Nairn.....	"	"	"	"	"	"	"	32	"	"	"	"	"	"	"	"	"
18 th	Roches Point.....	30.30	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
19 th	Barrow-in-Furness.....	"	"	"	"	"	30.89	+0.07	"	"	"	"	"	"	"	"	"	"
20 th	Valencia.....	"	"	"	"	"	20.89	-0.09	"	"	"	"	"	"	"	"	"	"
21 st	Leith.....	"	"	"	"	"	"	"	43	"	-4	ESE	"	"	"	"	"	"
22 nd	Mullaghmore.....	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
23 rd	Shields.....	"	48	"	"	"	"	"	"	"	"	"	"	"	"	"	"	45
24 th	Barrow-in-Furness.....	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
25 th	Stornoway.....	29.50	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
26 th	Donaghadee.....	"	"	WSE	"	"	"	"	"	"	"	"	"	"	"	"	"	"
27 th	Nairn.....	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
28 th	Barrow-in-Furness.....	"	50	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
29 th	Roches Point.....	30.14	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
30 th	Leith.....	"	"	"	"	"	"	"	40	"	+3	"	"	"	"	"	"	"
31 st	Mullaghmore.....	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	Barrow-in-Furness.....	"	46	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	Roches Point.....	"	"	WNW	"	"	"	"	"	"	"	"	"	"	"	"	"	0.40