

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.			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)	Weather		Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12)			Max.	Min.		
Haparanda	29.73	34	W	2	S	30.47	- .31	.39	38	+ 5	WWWW	6	Sc	*	?	21	-	
Hernösand	30.16	39	Z	0	60	30.08	- .10	.43	39	+ 15	W	4	G	*	?	19	-	
Stockholm	30.44	32	W	4	O	30.36	- .13	.35	34	+ 7	W	4	O	*	?	23	-	
Wisby	30.54	30	W	6	O	30.51	- .07	.32	31	0	W	4	O	*	34	21	-	
Bodö	29.68	14	WSW	9	O	29.69	+ .12	.41	41	- 2	W	9	O	*	45	39	0.82	
Christiansund	30.28	41	WSW	9	O	30.32	+ .15	.45	42	- 1	WSW	8	O	6	?	44	-	
Skudenesnaes	30.51	42	Z	0	O	30.52	- .04	.41	40	0	Z	0	O	3	43	41	0.08	
Oxö (Xlansund)	30.51	39	WSW	4	S	30.47	- .06	.39	38	+ 11	WSW	4	G	2	41	?	-	
Skagen (The Skaw)	30.59	34	WSW	4	O	30.53	- .05	.35	35	+ 5	WSW	4	O	4	36	30	-	
Fanö	30.63	28	SE	4	O	30.58	- .03	.28	27	- 3	E	4	+	*	32	21	-	
Cuxhaven	30.50	26	ESE	4	S	30.55	- .00	.26	26	- 1	SE	4	+	*	30	23	-	
Sumburgh Head	30.48	45	W	4	O	30.48	+ .06	.43	40	- 3	W	1	O	2	46	40	0.02	
Stornoway	30.55	43	SSW	2	OWM	30.44	- .08	.31	31	- 12	Z	0	GW	0	45	30	0.01	
Wick	30.56	42	Z	0	O	30.47	- .07	.40	38	+ 2	S	1	G	1	43	33	-	
Nairn	30.58	51	Z	0	S	30.47	- .08	.28	28	- 7	Z	0	G	1	42	28	-	
Aberdeen	30.58	31	WSW	1	S	30.50	- .09	.51	30	+ 1	WSW	1	OWM	1	35	26	-	
Leith	30.58	36	Z	0	+	30.45	- .13	.40	31	+ 3	SE	1	O	*	41	33	-	
Shields	30.55	42	Z	0	M	30.45	- .14	.41	38	- 1	ESE	4	O	3	42	38	-	
Spurn Head	30.55	39	ESE	4	O	30.40	- .15	.39	37	0	ESE	5	O	4	40	36	-	
York	30.56	39	E	1	O	30.44	- .16	.39	37	0	E	2	U	*	40	37	-	
Loughborough	30.52	37	ENE	3	O	30.39	- .16	.34	33	- 3	E	3	Og	*	38	34	-	
Ardrossan	30.56	38	NE	2	OWM	30.43	- .15	.39	37	+ 2	ESE	2	O	1	40	35	-	
Mullaghmore	30.48	40	ESR	4	Ogm	30.30	- .24	.40	38	+ 2	ESE	5	Ogm	4	41	38	-	
Donaghadee	30.55	42	SE	1	O	30.40	- .17	.41	38	- 3	SSE	4	C	2	45	39	-	
Parsonstown	30.48	38	ESE	1	O	30.31	- .21	.38	35	+ 4	E	1	Og	*	40	32	-	
Barrow-in-Furness	30.53	39	NE	2	S	30.87	- .17	.38	36	0	NE	2	O	2	40	37	-	
Holyhead	30.50	38	ESE	3	S	30.34	- .19	.37	35	- 4	E	1	O	2	42	35	-	
Liverpool (Bidston)	30.53	38	E	2	O	30.36	- .20	.38	35	0	E	4	O	2	39	37	-	
Valencia	30.51	43	ESE	3	Ogm	30.19	- .26	.42	40	+ 3	NE	5	Omg	5	46	38	-	
Roche's Point	30.43	41	SE	5	O	30.28	- .22	.41	40	- 2	SE	5	O	4	49	39	-	
Pembroke	30.43	39	E	3	S	30.26	- .22	.37	35	- 1	E	3	O	2	39	37	-	
Scilly	30.31	45	E	1	O	30.14	- .24	.41	40	- 1	EME	1	OWM	6	45	40	-	
Prawle Point	30.39	38	ENE	6	O	30.21	- .22	.39	38	+ 1	EME	6	O	5	40	35	-	
Hurst Castle	30.42	39	NE	5	O	30.28	- .19	.36	35	- 2	E	5	Omd	3	41	34	-	
Dover	30.43	36	ENE	4	O	30.39	- .08	.35	34	- 3	ESE	3	O	2	40	32	-	
London	30.46	37	NE	4	O	30.34	- .16	.35	33	- 1	ESE	2	Og	*	39	32	-	
Oxford	30.46	36	NE	4	O	30.36	- .17	.32	31	- 4	E	3	Og	*	36	32	-	
Cambridge	30.48	36	E	1	O	30.39	- .16	.34	34	- 3	E	1	O	*	38	34	-	
Yarmouth	30.48	37	ENE	6	Og	30.39	- .12	.34	33	- 4	E	4	Og	4	38	33	-	
The Helder	30.50	27	E	3	SC	30.44	- .08	.28	28	- 2	E	1	O	1	32	27	-	
Cape Griz Nez	30.42	29	E	4	O	30.36	- .10	.34	34	+ 1	ESE	4	O	3	34	32	-	
Jersey	30.35	36	E	5	OWM	30.20	- .19	.36	35	0	E	3	OWM	3	37	34	-	
Brest	30.30	35	ESE	5	O	30.18	- .19	.35	34	0	SE	5	O	4	46	32	-	
Lorient	30.30	35	ESE	5	O	30.35	- .12	.36	35	+ 1	NE	4	O	*	*	*	-	
Rochefort	30.29	38	E	8	O	30.19	- .14	.38	37	+ 2	ESE	4	O	2	42	30	-	
Biarritz	30.13	50	E	3	S	30.09	- .10	.36	34	0	ESE	4	Sc	1	62	32	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
Charleville	?30.38	32	NE	1	O	?30.36	- .09	.29	31	- 1	E	1	O	*	33	?	-	
Paris	30.41	35	NE	4	O	30.35	- .04	.29	28	- 3	NE	1	G	*	35	29	-	
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	32	32	- 2	ESE	4	O	*	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)

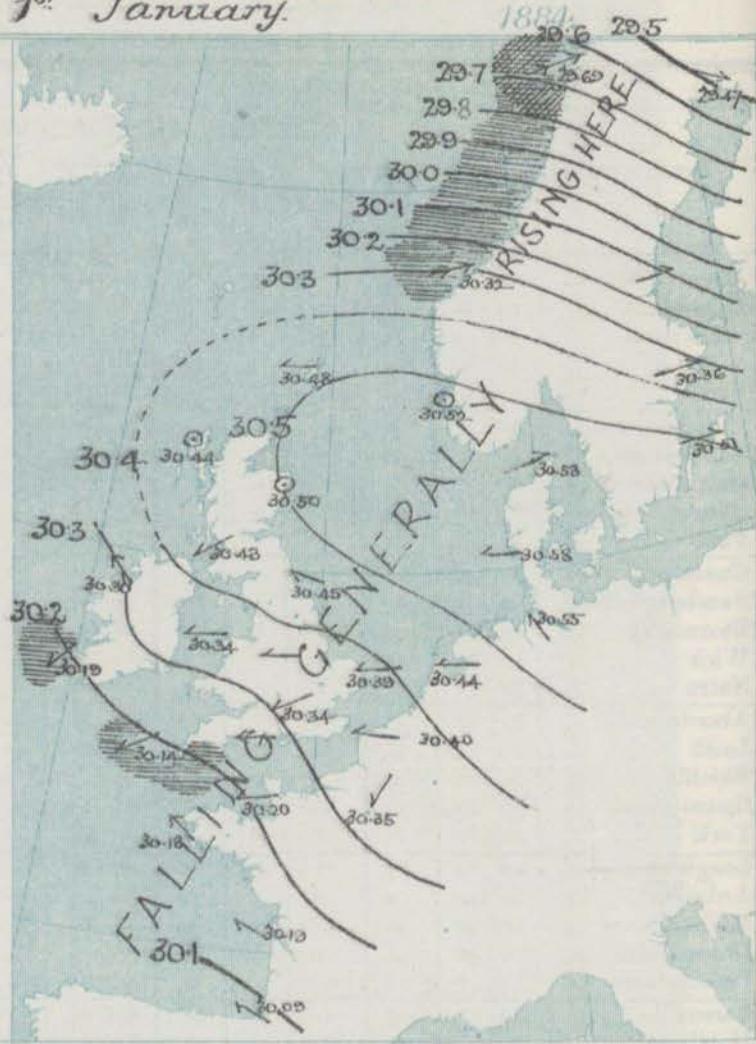
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Winds — Arrows show the prevalent winds. They fly with the wind and their bars and feathers refer to force, thus—
 → = force above 10, → = forces 8 to 10,
 → = forces 5 to 7, → = forces 1 to 4,
 ○ = 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	29.677
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrosson	29.974
Douglashead	29.978
Holmhead	29.975
Liverpool	29.996
Vilencia	29.992
Rocke's Point	29.993
Pembroke	29.993
Silly	29.993
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.979
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.

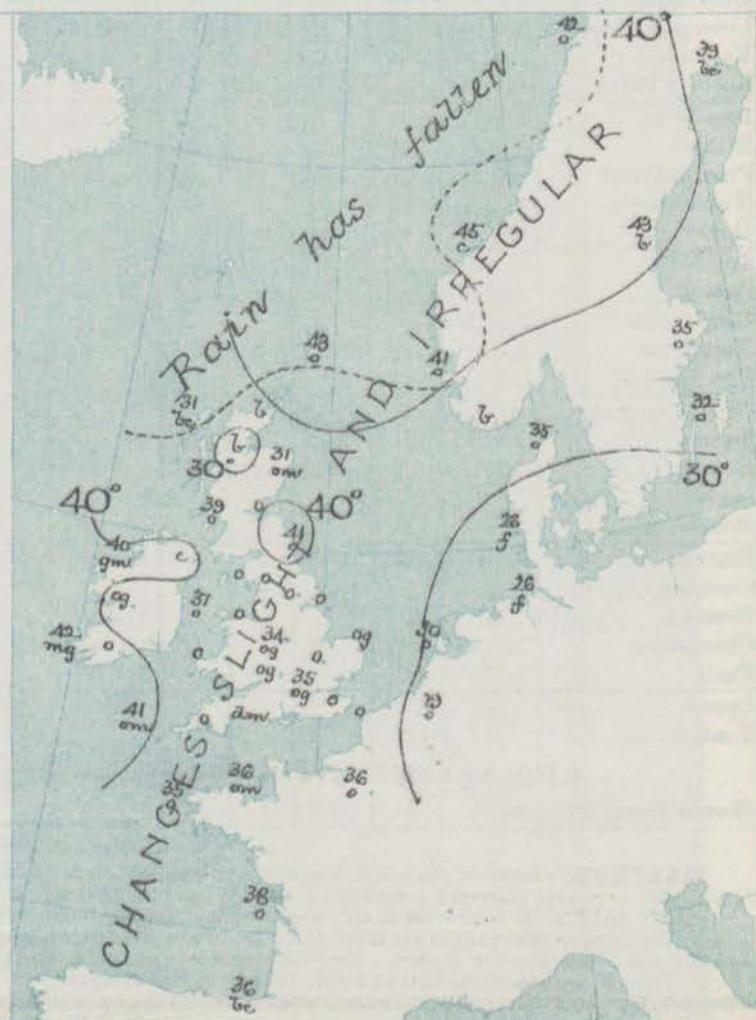
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more; are quoted in figures.

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	38.2	0.0
Stornoway	39.2	37.6	5.20
Wick	37.9	36.5	1.80
Nairn	36.9	35.3	1.00
Aberdeen	37.3	35.7	2.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	1.88
York	36.9	35.0	1.88
Ardrosson	40.1	39.4	9.86
Douglashead	39.7	38.8	3.03
Holmhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.46
Vilencia	34.1	43.3	7.32
Rocke's Point	48.1	42.0	5.60
Pembroke	42.8	41.3	2.10
Silly	46.5	45.0	4.34
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 1st January

1884, at 8 a.m.

Barometric pressure is still highest (30.5 ins.) over the North Sea, but while the low pressure area noticed in the far north yesterday is passing eastwards over northern Europe, a new depression appears to be approaching our south-western coasts from the south-westward. The barometer is consequently falling over the United Kingdom generally - most in the south-west - and the E^{ly} wind is freshening considerably at our south-western stations. Temperature is still low generally - especially at the inland stations. A sharp frost prevails over Germany and the east of France. The weather remains fine at our northern stations, but is dull elsewhere, mist and drizzle being reported over some parts of our southern counties.

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

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

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	SE ^{ly} winds, freshening; fair at first, perhaps less settled later.	6 { SCOTLAND WEST	Same as Nos 0 and 1.
1 { SCOTLAND EAST	----- D ^e ----- D ^e ----- D ^e -----	7 { ENGLAND N.W.	Same as Nos 0 and 1.
2 { ENGLAND N.E.	SE ^{ly} winds, strong; squally, some cold showers.	8 { ENGLAND S.W.	E ^{ly} winds, strong; squally, cold showers.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	Same as No 2.
4 { MIDLAND COUNTIES	Same as No 2.	10 { IRELAND SOUTH	Same as No 8.
5 { ENGLAND SOUTH	E ^{ly} and SE ^{ly} winds, freshening; dull, some cold showers.	WARNINGS	The north cone was hoisted last evening in parts of districts 5 and 8.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudenesnaes	30.57	42	41	2	0	4	Valencia	30.40	45	43	E	0	mg
Sumburgh Head	30.46	46	45	W	1	0	Scilly	30.33	45	41	E	0	5
Stornoway	30.55	44	46	SEW	2	0	Dover	30.42	39	37	ENE	4	0
Aberdeen	30.69	35	35	WNW	1	6	London	30.49	39	37	ENE	4	*
Shields	30.58	42	40	2	0	0m	Yarmouth	30.48	37	36	NE	0	4
Ardrossan	30.56	39	38	NR	1	8c	Jersey	30.36	34	35	E	0	3
Mullaghmore	30.50	40	40	SSW	4	0m	Rochefort	30.31	42	40	E	8	2
Holyhead	30.51	40	39	E	1	6						B	

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 2nd 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 8 a.m. and Sea Level.		WIND.		BAROMETER.			SHADE TEMP.			WIND.		SHADE TEMP.					
	Temp. in Shade.	Dir.	Force. (0 to 12)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)	Weather:	Sea. (0 to 9).	Max.	Min.	Amount of Rainfall.		
Haparanda	29.97	28	N	4	b	30.02	- .61	15	16	-	21	N	2	b	*	43	?	-
Hernösand	30.15	44	NNW	2	b	30.16	+ .08	37	35	-	6	7	0	b	*	46	37	-
Stockholm	30.33	34	W	4	0	30.31	- .04	31	30	-	4	NNW	4	0	*	36	?	-
Wisby	30.24	35	NNW	6	0	30.27	- .14	35	34	+ 3	SSW	4	0	*	?	25	-	
Bodö	30.02	31	NN	7	s	30.17	+ .18	28	26	-	14	NN	4	0	2	43	26	1
Christiansund	30.26	43	WSW	7	0	30.26	- .06	41	40	-	4	WSW	4	0	5	45	39	-
Skudenesnaes	30.13	40	E	1	0	30.29	- .23	37	36	-	4	E	2	?	3	41	?	-
Oxö (Klansund)	30.12	38	W	4	0	30.34	- .13	37	36	-	2	SSE	2	0	1	41	36	-
Skagen (The Skaw)	30.27	33	NNW	4	0	30.38	- .19	32	31	-	3	S	0	0	2	36	23	-
Panö	30.13	29	E	5	b	30.30	- .28	28	28	-	0	ESE	5	0	*	?	27	-
Cuxhaven	30.40	27	SE	4	b	30.36	- .19	26	26	-	0	SSE	2	b	*	28	23	-
Sumburgh Head	30.39	41	2	0	c	30.24	- .27	40	37	-	3	SSE	3	0	3	44	38	-
Sternoway	30.31	37	NNW	2	b	30.17	- .32	35	35	+ 4	2	0	om	0	39	29	-	
Wick	30.36	41	S	4	0	30.25	- .22	39	37	-	1	S	2	0	2	44	35	0.05
Nairn	30.34	28	7	0	f	30.13	- .34	28	28	-	0	2	0	0	1	33	26	-
Aberdeen	30.38	39	SSE	3	0	30.13	- .27	29	38	+ 5	SSE	3	0	8	2	40	30	-
Leith	30.31	39	SE	1	0	30.11	- .34	36	35	-	4	SE	1	om	*	40	34	0.04
Shields	30.31	40	SE	3	0	30.14	- .31	35	34	-	6	SSW	2	om	2	44	33	0.11
Spurn Head	30.28	37	ESE	4	0	30.16	- .24	38	37	-	1	SSE	4	0	4	39	34	-
York	30.31	37	ENE	1	0	30.16	- .28	35	35	-	4	S	1	f	*	30	33	0.06
Loughborough	30.28	32	E	2	0	30.16	- .23	35	35	+ 1	ESE	1	om	*	35	32	0.02	
Ardrossan	30.29	39	ENE	2	0	30.12	- .31	35	35	-	4	NE	1	fd	1	40	33	0.03
Mullaghmore	30.19	38	ESE	2	0	30.03	- .27	39	37	-	1	ESE	4	om	2	40	38	-
Donaghadee	30.26	41	NN	4	0	30.09	- .31	40	38	-	1	S	2	c	0	44	38	-
Parsonstown	30.17	37	ESE	1	0	30.01	- .30	40	38	+ 2	E	1	0	9	8	40	35	-
Barrow-in-Furness	30.25	38	E	3	0	30.12	- .25	34	33	-	4	SE	3	om	3	39	33	0.06
Holyhead	30.24	35	ESE	2	0	30.08	- .26	36	35	-	1	SE	1	c	0	38	33	-
Liverpool (Bidston)	30.27	39	SE	2	0	30.12	- .24	33	33	-	5	SE	2	0	2	38	30	-
Valencia	30.06	42	E	5	0	29.89	- .30	44	42	+ 2	E	5	0	5	45	39	-	
Roche's Point	30.09	41	ESE	5	0	29.94	- .29	45	45	+ 4	SE	5	p	4	45	40	0.12	
Pembroke	30.15	37	E	3	0	30.04	- .22	40	39	+ 3	ESE	4	mg	2	40	36	0.01	
Scilly	30.06	42	S	5	0	29.93	- .21	48	47	+ 7	SE	6	0	5	48	39	-	
Prawle Point	30.13	42	ESE	4	0	30.03	- .18	45	45	+ 6	ENE	3	0	3	45	36	0.01	
Hurst Castle	30.19	37	E	5	m	30.08	- .20	42	41	+ 6	R	3	m	2	44	31	-	
Dover	30.25	37	E	3	0	30.17	- .22	39	38	+ 4	S	2	b	2	41	34	-	
London	30.25	35	E	4	0	30.16	- .18	38	37	+ 3	E	2	gf	*	32	30	-	
Oxford	30.24	33	E	1	0	30.15	- .21	37	36	+ 5	ENE	1	om	*	37	32	0.04	
Cambridge	30.28	36	E	1	0	30.17	- .22	37	37	+ 3	E	1	0	*	38	32	0.04	
Yarmouth	30.30	35	ESE	4	0	30.18	- .21	39	38	+ 5	SSE	1	bm	2	39	33	0.04	
The Helder	30.25	38	ESE	1	b	30.25	- .19	29	29	+ 1	ESE	1	b	1	30	27	-	
Cape Griz Nez	30.24	34	NNE	5	0	30.14	- .22	37	34	+ 3	S	4	c	2	?	37	30	-
Jersey	30.13	40	E	3	0	30.04	- .16	44	44	+ 8	ESE	3	om	3	44	36	-	
Brest	30.04	39	SE	4	b	29.98	- .20	44	41	+ 9	ESE	5	0	4	?	34	-	
Lorient	30.16	46	SE	4	b	30.16	- .03	46	45	+ 8	SE	5	b	2	50	37	-	
Rochefort	30.04	55	S	4	b	30.04	- .05	45	48	+ 19	S	5	b	1	57	45	-	
Biarritz	*	*	*	*	*	30.25	- .15	33	31	+ 4	SSE	1	b	*	34	?	-	
Corunna	*	*	*	*	*	30.28	- .08	31	29	+ 2	SE	3	c	*	36	29	-	
Brussels	*	*	*	*	*	30.25	- .10	40	39	+ 4	ENE	3	0	*	*	0.24	-	
Charleville	30.32	33	NE	1	b	30.28	- .08	31	29	+ 2	SE	3	0	*	36	29	-	
Paris	30.26	40	NNE	1	0	30.25	- .10	40	39	+ 4	ENE	3	0	*	*	*	0.24	
Lyons														*				
Toulon	30.36	42	SE	4	0	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	31	E	2	0	29.10	+ .01	30	29	- 3	SE	1	0	*	38	29	-	

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 Wednesday

CHARTS

2nd 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—

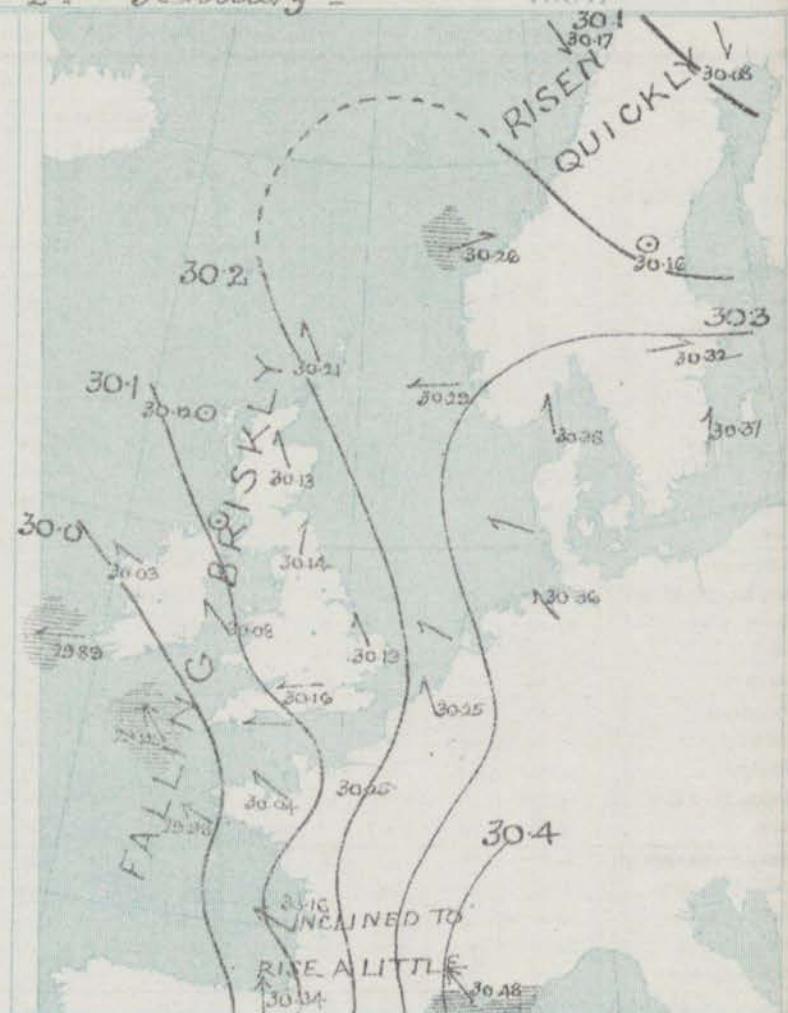
→ force above 10, ← force 6 to 10,
→ force 5 to 7, ← force 1 to 4,
○ = dead calm.

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	29.677
Nairn	29.659
Aberdeen	29.653
Leith	29.619
Glasgow	29.607
York	29.616
Ardrosson	29.615
Douglashead	29.615
Holyhead	29.615
Liverpool	29.606
Venice	29.603
Rochelle Point	29.603
Pembroke	29.513
Solent	29.553
Burst Castle	29.525
Dover	29.502
LONDON	29.487
Oxford	29.454
Cambridge	29.426
Yarmouth	29.404



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 Boarder Scale.

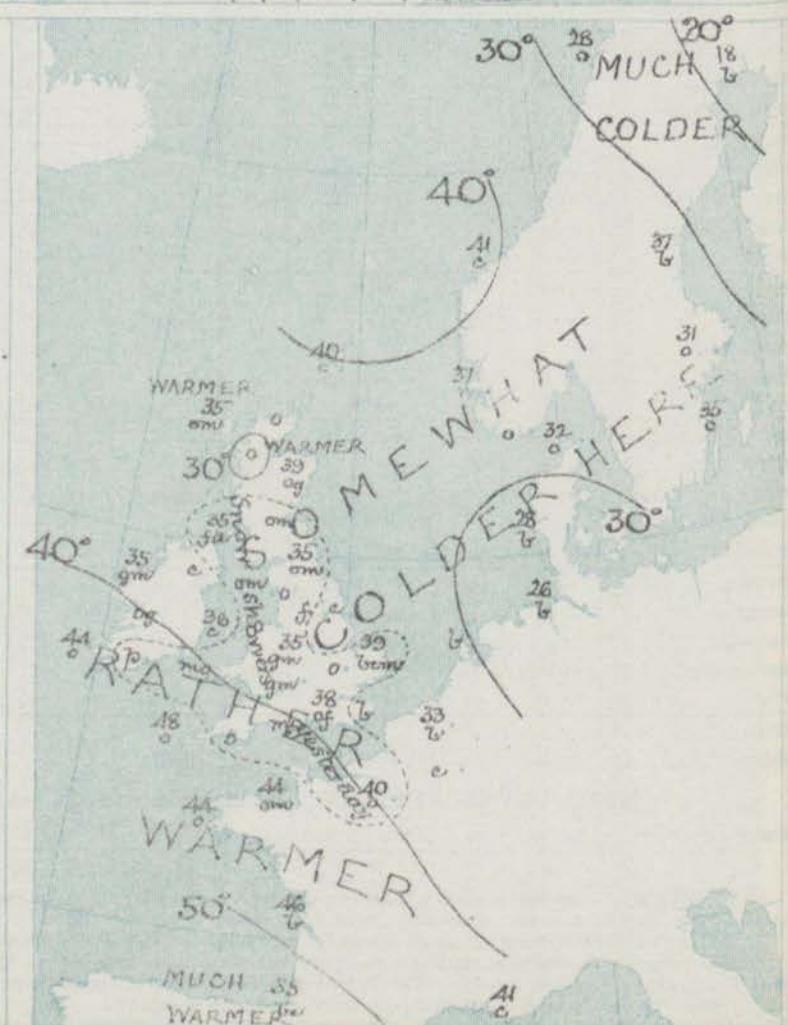
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	30° 9	26° 2	2.72
Stornoway	30° 0	27° 6	5.91
Wick	37° 3	36° 5	1.80
Nairn	36° 9	35° 8	1.09
Aberdeen	37° 3	35° 7	2.46
Leith	36° 2	35° 2	2.07
Glasgow	37° 8	36° 6	1.88
York	36° 9	35° 9	1.95
Ardrosson	40° 1	39° 4	4.16
Douglashead	37° 7	38° 6	3.03
Holyhead	34° 7	40° 3	3.73
Liverpool	30° 9	27° 3	2.45
Venice	39° 1	43° 3	3.22
Rochelle Point	48° 1	42° 0	5.68
Pembroke	42° 8	31° 3	9.43
Solent	46° 5	45° 0	4.24
Burst Castle	40° 7	30° 6	3.98
Dover	38° 6	39° 4	3.08
LONDON	30° 1	27° 1	2.41
Oxford	37° 6	36° 6	2.53
Cambridge	36° 5	25° 7	1.61
Yarmouth	31° 5	31° 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 N.^{W.} direction outside our ultimate 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 coasts are consequently varying very generally, & the thermometer shows some tendency to rise at our S.^{E.} 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 Nairn & 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 S.H. coasts, but has gone down in the Channel as the depression in the N. moves N.^{W.}, the barometer is likely to rise a little in the S., & the wind to become still more S.^{W.} 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 8 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

1 { SCOTLAND
NORTH

S.E.^{W.} to S.^{N.} or S.W.^{W.} winds, moderate,
fair on the whole, milder

6 { SCOTLAND
WEST

S.^{E.} to S.H.^{W.} breezes; some showers,
milder

7 { SCOTLAND
EAST

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

7 { ENGLAND
N.W.

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

2 { ENGLAND
N.E.

Same as N^o 5

8 { ENGLAND
S.W.

Same as N^o 5

3 { ENGLAND
EAST

Same as N^o 5

9 { IRELAND
NORTH

Same as N^o 647

4 { MIDLAND
COUNTIES

Same as N^o 5

10 { IRELAND
SOUTH

S.E.^{W.} to S.^{N.} winds, freshening; some
rain

5 { ENGLAND
SOUTH

Wind drawing round gradually
to the S.E.^{W.} or S.^{N.} with milder
damer weather

WARNINGS

None Issued

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudenesas	30.47	44	41	ESE	1	0	3	Valencia	30.11	42	40	E	4	4
Samburgh Head	30.42	42	40	S	1	bc	2	Scilly	30.04	40	40	SE	5	5
Stornoway	30.36	35	35	Z	0	c	0	Dover	30.27	35	34	ESE	3	2
Aberdeen	30.42	38	36	JSE	3	0	1	London	30.27	35	33	E	3	0
Shields	30.35	40	37	ESE	3	0	3	Yarmouth	30.35	34	32	SE	2	4
Ardrossan	30.32	39	38	ENE	1	0	1	Jersey	30.14	39	36	E	3	3
Mullaghmore	30.23	34	35	ESE	4	om	3	Rochefort	30.10	48	45	SE	4	2
Holyhead	30.27	37	35	E	3	0	3					bc		

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.		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.		Wind.	Dir.	Force (0 to 12)	Weather	SHADE TEMP.		Max.	Min.	Amount of Rainfall.
			Dir.	Force (0 to 12)			Dry.	Wet.					See (0 to 9).	Max.	Min.		
Haparanda	30.20	7	N	0	b	30.13	+ .05	2	1	-	16	2	bc	*	19	?	-
Hernösand	30.20	34	SE	2	0	30.05	- .08	30	29	-	7	NE	2	s	45	28	1
Stockholm	30.24	32	W	2	0	30.15	- .17	27	27	-	4	SW	2	0	36	?	-
Wisby	30.25	38	W	4	0	30.18	- .24	32	32	-	3	SW	4	0	36	31	-
Bodö	30.21	27	NNW	2	bc	30.10	- .07	23	22	-	5	NW	2	0	25	21	-
Christiansund	30.18	35	Z	0	b	30.00	- .26	36	35	-	5	NE	4	0	41	32	-
Skudesnaes	30.16	36	SSE	1	0	29.99	- .30	35	34	-	2	ESE	4	m	37	?	0.04
Oxö (Xiansund)	30.17	33	NNE	2	0	30.05	- .29	32	31	-	5	N	2	0	37	32	-
Skagen (The Skaw)	30.19	36	SEW	3	0	30.08	- .30	32	31	-	0	WSW	2	0	36	28	-
Fanö	30.15	30	S	1	c	30.04	- .23	31	30	+	3	SSE	4	m	?	24	-
Cuxhaven	30.26	29	SSE	2	b	30.13	- .23	32	32	+	6	S	1	c	32	24	-
Sumburgh Head	30.05	39	SE	3	c	29.94	- .27	38	38	-	2	N	2	0	41	35	0.15
Stornoway	30.03	36	Z	0	m	29.95	- .17	37	36	+	2	E	3	b	37	32	-
Wick	30.02	36	S	4	0	29.98	- .27	34	33	-	5	NW	1	c	40	29	0.09
Nairn	30.02	32	Z	0	0	29.97	- .16	32	31	+	4	SW	1	0	34	?	0.06
Aberdeen	30.04	36	S	1	0m	29.96	- .17	28	28	-	11	WSW	1	bem	40	27	0.07
Leith	30.05	36	SE	1	c	29.93	- .15	32	31	-	4	SE	1	0m	37	30	-
Shields	30.07	36	Z	0	0m	29.91	- .23	42	41	+	7	ENE	1	r	42	32	0.08
Spurn Head	30.06	40	ESE	3	0	29.87	- .29	42	42	+	4	SE	3	m	42	35	0.14
York	30.08	37	S	1	0	? 29.81	- .27	34	33	+	4	SSE	1	r	39	34	0.32
Longborough	30.06	29	E	1	0	29.86	- .30	43	43	+	8	ESE	2	0gm	43	35	0.15
Ardrossan	30.04	36	ESE	1	0	29.88	- .24	37	37	+	2	NE	3	0f	40	29	0.01
Mullaghmore	29.92	40	ESE	5	b	29.67	- .36	41	41	+	2	ESE	4	y	42	38	0.22
Donaghadee	30.02	41	SE	4	c	29.81	- .28	40	40	0	SE	4	r	41	38	0.20	
Parsonstown	29.89	42	E	3	0	29.66	- .35	49	48	+	9	SE	1	0	49	39	0.18
Barrow-in-Furness	30.03	36	SSE	2	0	29.83	- .29	40	40	+	6	NE	3	r	40	34	0.19
Holyhead	29.92	34	ESE	1	0	29.76	- .32	45	45	+	12	S	2	r	48	34	0.35
Liverpool (Bidston)	30.00	37	SE	3	0	29.88	- .32	41	41	+	5	ESE	3	m	41	33	0.39
Valencia	29.65	45	ESE	6	c	29.58	- .31	52	52	+	8	ESE	7	0mg	54	40	0.65
Roche's Point	29.87	46	SE	6	r	29.67	- .27	49	49	+	4	SSW	4	m	50	44	1.06
Pembroke	29.98	42	E	3	0	29.76	- .28	50	50	+	10	SSW	4	0p	50	40	0.26
Scilly	29.79	51	SSE	7	od	29.76	- .17	52	52	+	4	SSW	5	0m	51	47	0.11
Prawle Point	29.94	48	SE	3	0	29.87	- .15	50	50	+	5	SSW	3	0	50	45	0.13
Hurst Castle	30.01	46	SE	3	c	29.93	- .15	48	48	+	6	SSW	4	0	48	41	0.18
Dover	30.07	44	S	1	ba	29.95	- .19	46	45	+	7	SW	4	0r	47	38	0.04
London	30.05	44	SE	1	.09	29.94	- .22	48	48	+	10	S	3	0	48	38	0.11
Oxford	30.02	48	ESE	1	0	29.59	- .26	48	48	+	11	S	2	0p	48	36	0.14
Cambridge	29.99	40	ESE	1	0	29.40	- .27	45	45	+	8	S	1	r	45	36	0.09
Yarmouth	30.03	41	SE	2	a	29.97	- .26	44	42	+	5	SSW	2	0gm	41	36	—
The Helder	30.15	31	SE	1	r	30.02	- .23	36	36	+	7	SSE	1	0	37	?	—
Cape Griz Nez	?	45	?	4	bc	29.97	- .15	47	47	+	10	S	7	r	47	?	0.04
Jersey	29.49	48	ESE	3	0g	29.95	- .09	48	48	+	4	S	3	0gm	49	43	0.06
Brest	29.36	50	SSE	5	r	29.89	- .09	61	49	+	7	S	4	b	46	?	0.04
Lorient	29.45	50	SSE	4	m	29.97	- .05	50	44	+	5	S	3	2	52	43	0.04
Rochefort	29.13	57	SSE	5	c	30.11	- .05	48	47	+	2	SSW	5	0	55	39	—
Biarritz	30.04	59	S	4	bc	30.02	- .02	58	58	+	3	S	3	c	61	55	—
Corunna	*	*	*	*	*	30.07	- .18	44	41	+	11	S	4	0	45	?	—
Brussels	*	*	*	*	*	? 30.10	- .15	34	36	+	8	SE	1	m	40	?	—
Charleville	30.20	38	?	1	0	? 30.13	- .06	45	44	+	5	S	3	r	48	?	—
Paris	30.24	41	S	5	0	30.19	- .06	45	44	+	5	S	3	r	*	*	—
Lyons	30.29	41	S	4	b	30.24	- .07	42	41	+	5	S	4	b	48	41	—
Toulon	30.29	41	S	4	b	30.24	- .07	42	41	+	5	S	4	*	48	41	—
HIGH LEVEL STATION.					Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.												
Hawes Junction	29.06	31	2	0	0	28.61	- .19	34	34	+	4	SE	1	r	34	29	0.27

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 into charts

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 bars 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

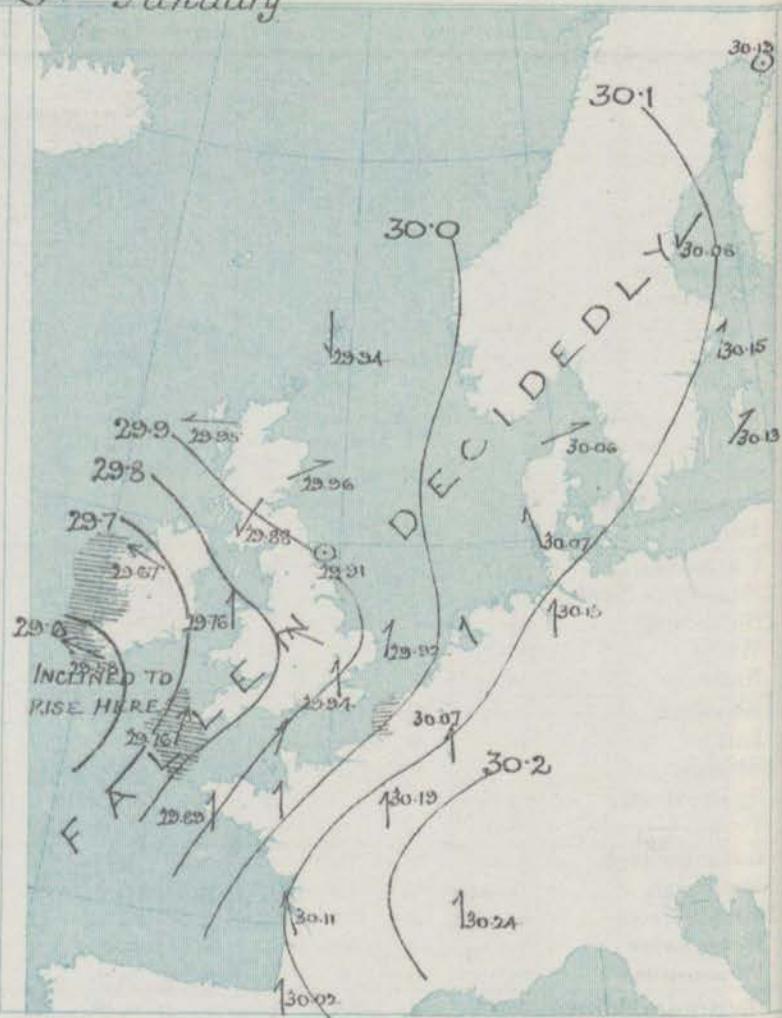
— Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of January

During the 10 Years 1871—80.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.661
Stornoway.	29.657
Wick.	29.627
Nairn.	29.529
Aberdeen.	29.563
Leith.	29.519
Shields.	29.567
York.	29.516
Ardrossan.	29.517
Donaghadee.	29.528
Ile de France.	29.525
Liverpool.	29.506
Valencia.	29.552
Roche's Point.	29.563
Pembroke.	29.513
Scilly.	29.553
Burst Castle.	29.575
Dover.	29.502
LONDON.	29.587
Oxford.	29.528
Cambridge.	29.576
Yarmouth.	29.564



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	0.08
Stornoway.	38.9	37.6	5.28
Wick.	37.9	36.5	7.30
Nairn.	36.9	35.3	7.99
Aberdeen.	37.3	36.7	2.42
Leith.	36.2	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
Ile de France.	41.7	40.3	3.73
Liverpool.	36.9	37.3	2.46
Valencia.	44.1	43.3	7.22
Roche's Point.	43.1	42.0	5.69
Pembroke.	42.8	41.3	4.13
Scilly.	46.5	45.0	4.24
Burst Castle.	40.7	40.0	3.96
Dover.	39.6	38.4	3.03
LONDON.	38.1	37.1	2.41
Oxford.	37.6	36.6	2.43
Cambridge.	36.5	35.7	1.64
Yarmouth.	37.8	37.1	2.31

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



REMARKS.

for Thursday 3rd January 1884 at 8 a.m.

A further fall of the barometer has taken place over the whole of N.W. Europe during the past 24 hours, and this morning's observations show that pressure varies from 30.24 ms. at Lyons to 29.98 ms. at Valencia. There is apparently a well formed depression lying to the W. of Ireland, while shallow subsidiary disturbances lie over Wales & England. Thus, while S.E. winds still hold over the greater part of Ireland & the S. of England, SW. breezes have set in over the S. districts generally. The SE. 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 where it ranges from about 32° on our S.H. coast, 44.8° in London to between 28°-32° at the Scotch stations. Rain has fallen in nearly all parts of Ireland & England (heavily at Rock's Point) & now in Scotland. The sky is still overcast except in the N., with rain at several of our S. & W. stations.

The sea is rough in the extreme N. to 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 N. will probably become shallower as it moves N.^{W.}. The gales in the far N. will therefore probably subside, & SW. 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	S.E. winds, light and variable; fair on the whole, fogs locally	6 { SCOTLAND WEST	S.E. breezes, fresh; cloudy, some rain
7 { SCOTLAND EAST	----D----D----D----	7 { ENGLAND N.W.	----D----D----D----
2 { ENGLAND N.E.	----D----D----D----	8 { ENGLAND S.W.	Same as N.5
3 { ENGLAND EAST	Same as N.5	9 { IRELAND NORTH	Same as N.6 & 7
4 { MIDLAND COUNTIES	Varying S.E. to S.W. breezes; rain at times	10 { IRELAND SOUTH	Wind becoming SW.; some showers
5 { ENGLAND SOUTH	S.W. winds, light or moderate; changeable, rain at times	WARNINGS	None Issued

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudnesnaes	30.28	38	34	SSE	6	o	3	Valencia	29.78	45	45	ESE	3	rn	4
Sumburgh Head	30.12	39	38	SE	3	c	3	Scilly	29.84	50	49	SE	6	o	5
Stornoway	30.05	37	35	N	1	om	0	Dover	30.11	44	42	S	2	de	2
Aberdeen	30.06	39	38	Z	0	dm	—	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	o	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	o	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.

DAILY WEATHER REPORT

for Fri day 4th 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.	BAROMETER.		SHADE TEMP.			Wind.	Dir.	Force, (0 to 12)	Weather	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.					Sea. (0 to 9).	Max.	Min.			
Haparanda ...	20.01	-9	w	2	b	30.03	-	'10	-8	-	10	N	2	b	*	2	-4	-	
Hernösand ...	29.97	22	ENE	2	s	30.05	-	'08	14	13	-	N	2	b	*	36	?	0.04	
Stockholm ...	29.87	28	NW	4	o	29.78	-	'42	23	20	-	N	4	b	*	34	?	-	
Wisby ...	29.93	32	w	6	o	29.88	-	'26	30	31	+	E	6	o	*	34	27	0.08	
Bodö	30.00	18	NE	2	b	29.87	-	'23	18	17	-	ENE	4	b	*	25	16	-	
Christiansund ...	30.12	31	NE	3	s	30.16	+	'16	31	29	-	NW	4	c	4	34	25	-	
Skudenesnaes ...	29.97	33	NNW	3	b	30.18	+	'19	35	33	o	ENE	2	o	3	37	?	-	
Oxö (Xlansund) ...	29.91	32	NNE	4	s	30.19	+	'14	25	24	-	N	4	b	2	32	25	0.16	
Skagen (The Skaw)	30.09	33	ESE	4	s	30.13	+	'05	31	29	-	NNE	5	c	4	36	30	0.16	
Fanö ...	29.86	29	w	4	o	30.15	+	'08	32	31	+	N	2	b	*	30	47	-	
Cuxhaven ...	29.97	37	s	2	r	30.15	+	'02	35	35	+	3	N	4	o	*	37	27	0.04
Sumburgh Head ...	30.02	40	NNE	1	o	30.20	+	'28	38	37	o	NE	2	o	2	42	36	0.04	
Stornoway ...	30.01	36	E	3	b	30.04	+	'04	40	38	+	3	ESE	5	b	4	40	34	-
Wick ...	30.02	38	NW	1	b	30.15	+	'20	40	39	+	6	SE	3	o	3	41	24	0.03
Nairn ...	30.05	33	Z	0	b	30.11	+	'14	35	34	+	3	E	1	b	2	36	20	-
Aberdeen ...	30.02	31	WSW	1	b	30.16	+	'20	41	38	+	13	SE	4	o	3	41	27	-
Leith ...	29.97	28	ESE	1	o	30.09	+	'16	41	40	+	9	SE	1	op	*	41	32	0.10
Shields ...	29.99	40	NE	2	r	30.12	+	'21	42	40	o	SE	4	r	3	43	39	0.53	
Spurn Head ...	29.98	42	NNW	1	f	30.04	+	'22	43	43	+	1	ESE	4	r	3	43	29	0.33
York ...	29.94	41	SSE	1	f	30.09	+	'20	43	43	+	4	ESE	1	r	*	43	37	0.62
Loughborough ...	29.92	57	N	3	o	30.05	+	'14	45	45	+	2	Z	0	0.9m	*	57	41	0.10
Ardrossan ...	29.94	35	NE	3	rm	30.00	+	'12	38	38	+	1	NE	4	rm	1	38	31	0.56
Mullaghmore ...	29.94	44	E	6	rm	29.97	+	'14	48	47	+	7	SW	4	o	2	50	40	0.53
Donaghadee ...	29.89	40	SE	6	o	29.93	+	'12	47	47	+	7	S	3	o	1	47	40	0.95
Parsonstown ...	29.96	52	Z	0	o	29.88	+	'22	49	48	o	SE	1	o	8	53	46	0.03	
Barrow-in-Furness ...	29.84	42	N	2	o	30.01	+	'15	43	43	+	2	NE	2	r	2	42	34	0.55
Holyhead ...	29.85	49	S	1	m	29.98	+	'22	49	48	+	1	SSW	2	f	3	50	46	0.12
Liverpool (Bidston) ...	29.90	48	SE	2	r	30.02	+	'22	47	46	+	6	ESE	2	o	2	48	41	0.53
Valencia ...	29.69	52	SSE	4	omg	29.88	+	'25	52	52	o	SSE	5	rm	5	55	48	0.05	
Roche's Point ...	29.94	50	S	5	r	29.90	+	'23	49	49	o	S	4	m	5	51	47	0.25	
Pembroke ...	29.86	50	S	3	c	30.00	+	'24	50	49	o	SSW	2	omr	3	50	49	0.06	
Scilly ...	29.87	51	S	4	c	29.99	+	'23	52	52	o	SSW	1	om	5	53	57	0.01	
Prawle Point ...	29.96	58	SW	3	o	30.09	+	'21	50	50	o	SW	2	m	5	50	48	0.15	
Hurst Castle ...	29.99	47	SSW	3	f	30.11	+	'18	47	47	-	1	SSE	2	f	2	51	44	0.07
Dover ...	30.02	47	SW	3	omr	30.12	+	'14	45	45	-	1	ESE	1	op	o	48	45	0.06
London ...	29.98	48	WSW	2	bc	30.14	+	'20	47	46	-	1	S	2	o	e	53	47	0.05
Oxford ...	29.99	49	SW	2	o	30.12	+	'23	47	47	-	1	SSE	1	opf	*	52	49	0.14
Cambridge ...	29.91	49	S	1	r	30.18	+	'23	46	46	+	1	S	1	r	*	50	43	0.19
Yarmouth ...	29.95	48	WSW	2	gf	30.12	+	'20	42	42	-	2	o	3	m	3	49	41	0.03
The Helder ...	29.97	43	SW	3	f	30.16	+	'14	34	34	+	3	Z	0	b	1	45	36	0.04
Cape Griz Nez ...	30.04	46	S	5	r	30.14	+	'15	46	46	-	1	SSE	1	f	0	48	45	0.04
Jersey ...	30.01	47	SSE	3	v	30.15	+	'20	46	46	-	2	S	2	f	2	49	45	0.08
Brest ...	29.95	51	S	5	o	30.08	+	'19	51	50	o	S	4	o	5	54	48	0.04	
Lorient ...	30.00	49	SE	5	o	30.16	+	'19	52	52	+	2	SW	3	o	5	57	45	0.04
Rochefort ...	30.11	51	SSE	4	o	30.29	+	'16	47	46	-	1	SE	4	b	2	57	39	-
Biarritz ...	30.04	68	S	3	o	30.17	+	'15	50	51	-	2	S	4	b	1	66	52	-
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Charleville ...	No observations				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Paris ...	30.13	58	S	4	c	30.23	+	'06	43	42	-	2	S	2	c	*	*	*	*
Lyons ...	30.22	46	S	3	c	30.28	+	'04	42	41	-	1	W	1	r	*	50	44	0.04
Toulon ...	30.40	45	SE	3	o	30.36	-	'04	47	44	+	3	E	4	r	3	43	43	0.08
Hawes Junction	28.71	37	SE	2	r	28.82	+	'21	38	38	+	4	ESE	3	r	*	38	33	1.13

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 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 bars and feathers refer to force, thus—

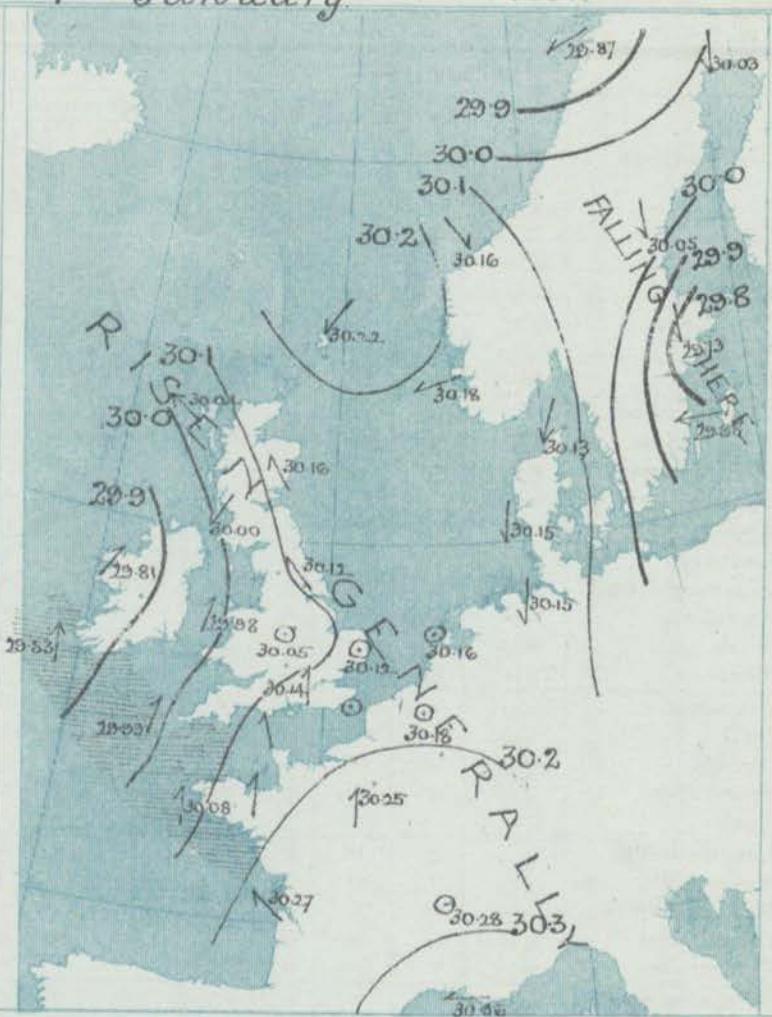
→ → — force above 10; → → — force 8 to 10;
→ → — force 5 to 7; → → — force 1 to 4;
○ = dead calm.

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	29.877
Donaghadee	29.828
Holyhead	29.825
Liverpool	29.806
Valencia	29.652
Roche's Point	29.583
Pembroke	29.513
Scilly	29.553
Hurst Castle	29.575
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.

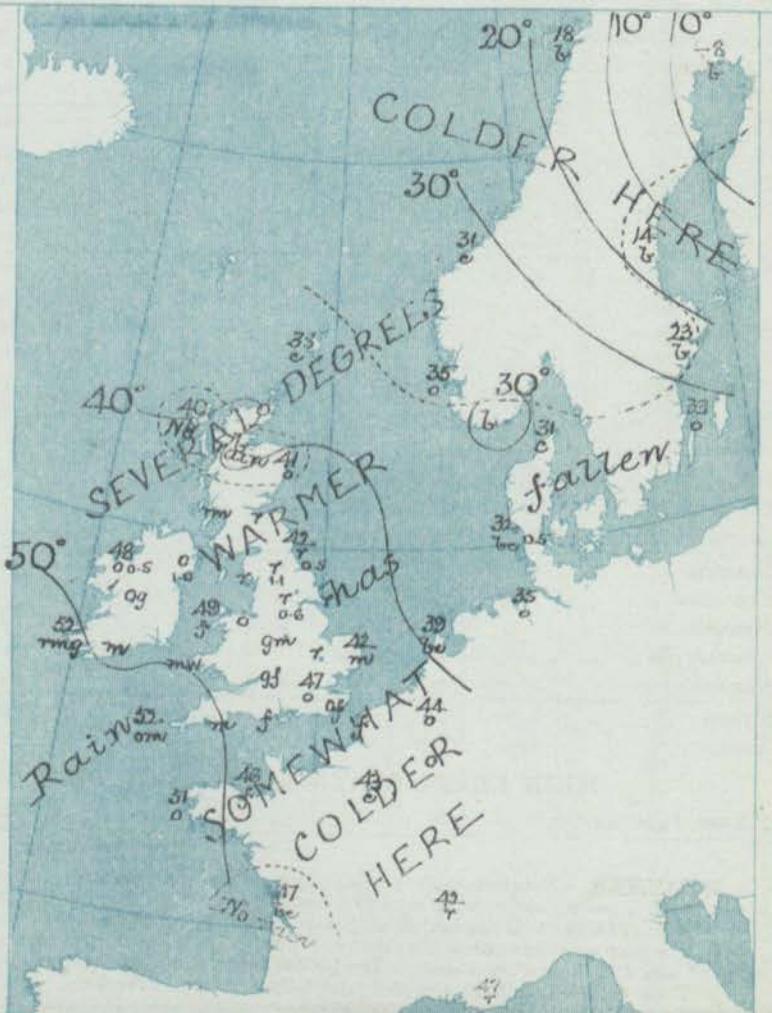
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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	1.99
Aberdeen	37.3	36.7	2.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	1.88
York	36.9	36.9	1.88
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
Roche's Point	48.1	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	3.08
LONDON	36.1	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 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, appeared 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. & W. coasts it is chiefly S^E, but in the N. & E. it is S^E^S. The weather is fair 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. districts. During yesterday rain fell generally; in the S. part of England & Ireland the amounts were heavy, the largest of all being 1 in. at Donaghadee & 1 in. at Hares Junction. Temperature has risen several degrees in the N. but fallen a little in the S^E; readings now range from 52° at Fabruccia Scilly to 31° at Edinburgh 4°. The sea is rather rough on our SW 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	S ^E ^S or S ^E 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.	S ^E ^S winds, moderate; dull, misty, some rain	8 { ENGLAND S.W.	S ^E ^S 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	Faint breezes, chiefly S ^E ; dull generally, with 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.		
Skudenesnaes	29.95	35-	35-	N	2	r	3	Valencia	29.62	55-	58	S	6	cm	6
Sumburgh Head	29.98	40	39	N	2	r	2	Scilly	29.81	53	52	SSE	5	cm	5
Stornoway	29.98	40	39	E	4	c	3	Dover	29.86	45-	45	SW	3	cp	2
Aberdeen	29.48	38	32-	WSW	1	cm	1	London	29.95	53	51	SSW	2	cm	*
Shields	29.91	41	40	NE	2	r	3	Yarmouth	29.91	48-	47	SW	3	of	3
Ardrossan	29.84	38-	35-	NE	3	o	1	Jersey	29.98	47	47	SE	3	f	3
Mullaghmore	29.70	43	43	E	5	sgm	5	Rochefort	30.10	53	52	S	5	c	2
Holyhead	29.80	35	50	SSW	2	f	3								

REMARKS.

The barometer is rising at all but our SSW 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 Sumburghd 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.

STATIONS.	YESTERDAY EVENING.				8 A.M. TO DAY.						PAST 24 HOURS.						
	Barometer at 32° F. and Sea Level.		WIND.		BAROMETER.		SHADE TEMP.		WIND.		SHADE TEMP.		WIND.		SHADE TEMP.		
	Temp. in Shade.	Dir.	Force (0 to 12)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Hrs.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12)	Weather	Sea. (0 to 9).	Max.	Min.	Amount of Rainfall.	
Haparanda	29.91	-6	20	0	29.45	-0.08	14	-14	-6	20	0	G	*	-4	?	-	
Hernösand	30.10	18	20	0	29.15	+0.08	21	19	+1	NW	2	0	*	23	5	-	
Stockholm	30.25	12	NWW	2	29.26	+0.53	16	15	-8	NW	2	G	*	50	12	-	
Wisby	30.19	21	N	6	29.77	+0.39	29	22	-4	NWW	6	G	*	24	25	-	
Bodö	29.95	23	NW	4	29.91	+0.04	27	25	+9	NW	2	0	*	21	18	-	
Christiansund	30.25	30	NW	3	29.17	+0.01	31	30	0	SSE	5	G	4	02	25	0.04	
Skudenesnaes	30.26	56	SE	6	29.25	+0.06	37	36	+2	SE	6	0	4	34	?	-	
Oxö (Öxenööd)	30.38	28	N	2	29.32	+0.13	31	30	+6	NWW	1	0	3	?	?	-	
Skagen (The Skaw)	30.36	29	SE	2	29.36	+0.23	31	29	0	S	4	0	3	82	23	-	
Fanö	30.36	31	SE	3	29.34	+0.19	31	30	-1	SE	4	C	*	32	28	-	
Cuxhaven	29.23	34	NE	2	29.32	+0.17	35	38	-2	SSE	4	0	*	?	29	-	
Sumburgh Head	30.23	38	SE	3	29.94	-2.28	41	40	+3	SE	5	0	5	41	35	-	
Stornoway	29.99	42	SE	5	29.60	-0.44	46	46	+6	SE	4	d	4	46	33	0.15	
Wick	30.12	41	SE	6	29.75	-0.43	44	42	+4	SE	7	N	6	44	39	0.10	
Nairn	30.06	40	E	1	29.71	-0.40	46	44	+11	S	3	0	0	46	35	0.09	
Aberdeen	30.15	41	SSE	4	29.83	-0.33	45	45	+4	SSE	6	NW	4	45	40	0.32	
Leith	30.07	41	SE	1	29.79	-0.30	47	46	+6	SE	1	0m	*	47	38	0.48	
Shields	30.14	44	Z	0	29.91	-0.21	48	48	+6	SSE	3	0m	3	48	40	0.36	
Spurn Head	30.11	44	SSE	2	30.01	-0.08	44	44	+1	SSE	4	f	4	45	41	0.05	
York	30.12	44	Z	0	29.98	-0.11	47	47	+4	SSE	2	0	*	48	42	0.18	
Longiborongh	29.11	49	SSE	1	29.00	-0.05	48	48	+3	SSE	3	0.9m	*	50	45	-	
Ardrossan	29.02	40	SE	3	29.65	-0.35	50	49	+12	SE	5	N	3	50	39	0.61	
Mullaghmore	29.86	51	S	5	29.48	-0.33	48	47	0	SW	5	G	5	54	48	0.20	
Donaghadee	29.98	48	S	2	29.63	-0.30	50	50	+3	SSE	1	N	5	50	46	0.56	
Parsonstown	29.88	51	SE	2	29.61	-0.27	46	45	-3	S	1	0	*	58	45	-	
Barrow-in-Furness	30.06	46	G	2	29.80	-0.21	48	48	+5	SSE	5	N	4	49	34	0.35	
Holyhead																	
Liverpool (Bidston)	30.07	50	SSE	2	29.88	-0.19	51	49	+4	SE	3	0	3	52	46	0.02	
Valencia	29.75	52	SSE	5	29.57	-0.29	51	51	-1	SSW	8	0m	7	54	47	1.22	
Roche's Point	29.85	50	S	5	29.70	-0.20	49	49	0	SW	5	0	5	51	48	0.75	
Pembroke	30.03	50	S	2	29.77	-0.22	50	50	0	S	4	NW	4	52	49	0.31	
Scilly	29.99	53	S	0	29.79	-0.20	52	52	0	SW	6	N	6	53	50	0.46	
Prawle Point	30.14	50	S	2	29.93	-0.16	50	49	0	SSE	4	N	5	53	48	0.01	
Hurst Castle	30.17	49	SE	1	30.04	-0.07	47	46	0	SSE	5	C	3	50	46	0.02	
Dover	30.19	45	SE	3	30.15	+0.03	48	44	0	SSE	4	0m	2	47	44	0.03	
London	30.21	49	SW	1	30.09	-0.05	48	47	+1	S	3	0	*	52	44	-	
Oxford	30.19	50	S	3	30.05	-0.09	49	48	+2	SSE	4	0m	*	50	47	0.01	
Cambridge	30.19	48	SE	1	30.06	-0.07	47	46	+1	S	1	0	*	50	44	-	
Yarmouth	30.17	44	S	1	30.13	+0.01	43	43	+1	S	3	f	3	44	41	0.03	
The Helder	30.26	56	NW	1	30.21	+0.05	37	37	-2	SSE	1	f	1	39	36	0.16	
Cape Griz Nez	30.22	46	S	4	29.65	+0.05	44	42	-2	S	5	G	4	48	43	-	
Jersey	30.19	49	SSE	1	29.06	-0.09	46	46	0	SSE	4	0m	4	49	44	0.01	
Brest	30.10	57	S	4	29.98	-0.10	51	51	0	S	1	0	5	54	48	-	
Lorient																	
Rochefort	30.29	49	SE	4	29.24	-0.03	43	43	-4	SSE	5	0	2	54	37	-	
Biarritz	30.19	56	E	3	29.17	-0.00	61	52	+5	S	3	G	1	61	54	-	
Corunna	*	*	*	*	*	*											
Brussels	*	*	*	*	*	*											
Charleville	30.26	44	E	1	30.28	+0.09	45	42	+6	E	1	0	*	45	38	-	
Paris	30.36	40	SSE	4	30.28	+0.03	43	41	+5	SE	3	0	*	*	*	-	
Lyons	30.34	45	N	1	30.34	+0.06	44	44	+2	E	1	f	*	47	43	0.08	
Toulon	30.36	47	E	1	30.39	+0.03	47	46	0	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	G	20	0	28.66	-16	48	47	+10	S	2	1	*	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; i. 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).

WEATHER CHARTS

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

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

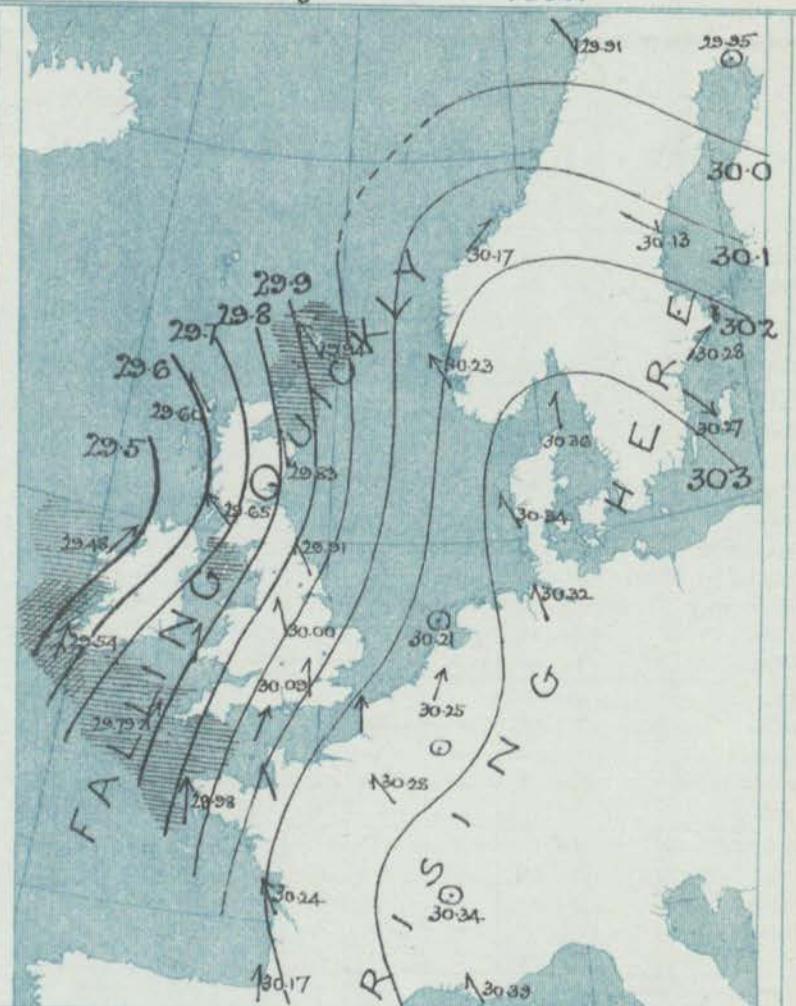
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
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 *→ forces above 10, → forces 8 to 10,
 → forces 5 to 7, → forces 1 to 4,
 ○ = dead calm.

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	29.977
Donaghadee	29.828
Holyhead	29.816
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Solent	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.981
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.

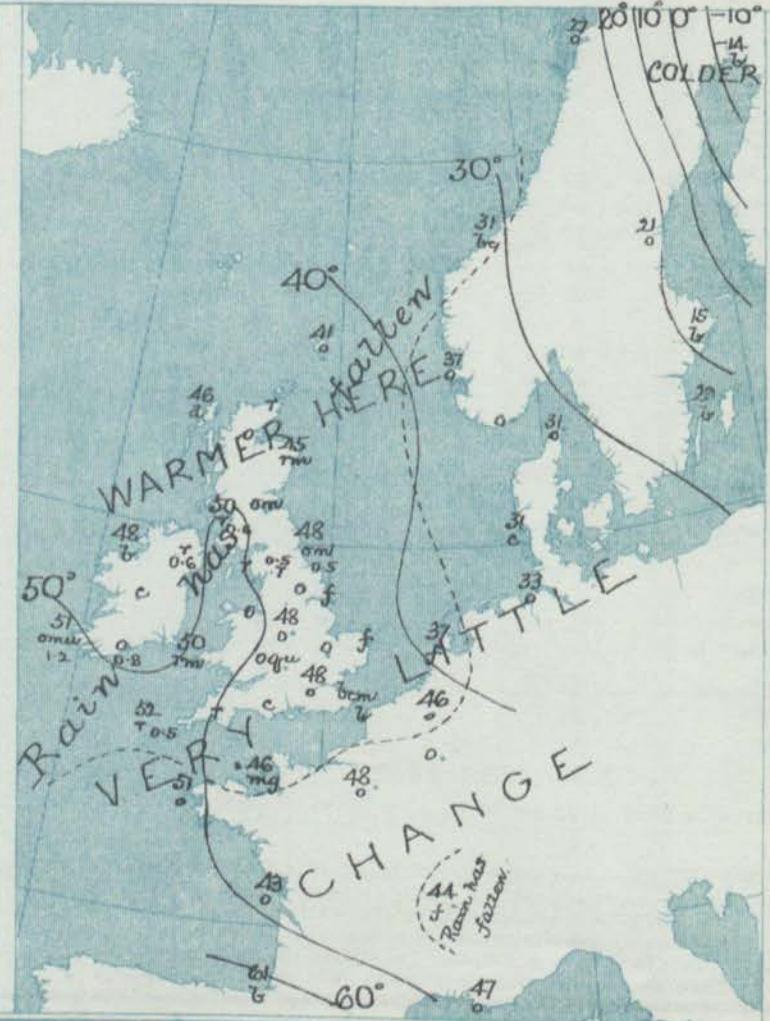
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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	38.9	37.6	5.26
Wick	37.9	36.5	1.80
Nairn	36.9	35.3	1.59
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	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
Roche's Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.10
Solent	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 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 Ardrossan and Donaghadee there has been as much as 0.6 in., at Rothes Point, 0.8 in., and at Valencia 1.2 in. Temperature has risen several degrees in the north, and readings 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^e or NE^e 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 in. with a temperature of 33° and a whole 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	S ^w and S ^e Winds, strong to a gale; dull, rain at times.	6 { SCOTLAND WEST	Same as Nos 0 to 2.
1 { SCOTLAND EAST	D.....D.....D.....	7 { ENGLAND N.W.	Same as Nos 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 No 5.	9 { IRELAND NORTH	D.....D.....D.....
4 { MIDLAND COUNTIES	Same as No 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.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudenesnaes	30.23	35	34	S	0	0	3	Valencia	29.83	53	52	SSE	4	long 4
Sumburgh Head	30.25	39	36	SE	3	0	3	Scilly	30.01	53	53	E	5	5
Stornoway	30.01	43	43	ESW	6	0	5	Dover	30.19	46	46	SW	3	0 1
Aberdeen	30.16	42	39	SE	4	1	3	London	30.17	52	50	S	1	0nd *
Shields	30.11	43	43	SE	4	1	4	Yarmouth	30.15	43	43	SSE	1	fd 2
Ardrossan	30.02	40	40	ENE	3	1	Jersey	30.18	48	48	SE	1	0 1	
Mullaghmore	29.87	43	49	S	4	0g	2	Rochefort	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 82° F. Sea Level.	Temp. in shade.	WIND.		Reading at 82° F. and Sea Level.	BAROMETER.		SHADE TEMP.		WIND.		Weather: Sea (0 to 9).	SHADE TEMP.		Max.	Min.	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	29.87	-9	Z	0	b	29.36	-	57	21	21	+ 35	Z	0	c	*	? -15	-
Hernösand	29.99	21	Z	0	b	29.60	-	53	18	17	- 3	S	4	c	*	25 9	-
Stockholm	30.24	22	N	2	0	29.82	-	116	24	23	+ 9	NNW	2	0	*	? 12	-
Wisby	30.26	30	W	6	b	29.88	-	34	24	25	0	S	4	0	*	32 25	-
Bodö	29.60	141	NNW	9	r	29.25	-	66	37	36	+ 10	W	6	c	*	44 25 0.18	-
Christiansund	29.70	20	ESE	3	b	29.27	-	90	33	32	+ 2	ESE	4	s	3	? 25	-
Skudenes	29.85	36	SSE	8	0	29.25	-	98	41	40	+ 5	SSE	8	r	6	? 36 0.08	-
Oxö (Xtiansund)	30.06	33	ESE	6	0	29.41	-	91	33	33	+ 2	SE	2	c	4	34 32 0.75	-
Skagen (The Skaw)	30.12	31	SSW	4	0	29.50	-	86	36	36	+ 5	SSW	6	r	7	37 30 0.20	-
Fano	29.96	33	S	6	0	29.58	-	76	41	41	+ 10	WSW	4	0	*	44 30 0.20	-
Caxhaven	30.10	40	SSE	3	0	29.70	-	36	42	42	+ 9	NNW	2	f	8	? 31	-
† Sumburgh Head	29.40	45	SE	6	r	29.95	-	96	44	42	+ 3	NNW	1	o	4	45 41 0.45	-
Stornoway	29.22	47	NNW	4	m	29.17	-	42	44	46	0	W	3	o	3	46 44 0.53	-
Wick	29.34	46	NNW	2	0	29.05	-	70	45	42	+ 1	NNW	4	ow	3	46 42 0.25	-
Nairn	29.37	47	S	2	0	29.01	-	70	46	44	0	W	4	c	2	50 44 0.15	-
† Aberdeen	29.42	47	S	Y	0	29.16	-	67	46	44	+ 1	NNW	5	c	4	48 44 0.47	-
Leith	29.43	47	NNW	2	7c	29.32	-	47	47	47	0	NNW	6	6c	*	50 46 0.05	-
† Shields	29.57	49	S	4	0	29.47	-	44	48	44	0	W	5	m	2	50 47 0.17	-
Spurn Head	29.72	46	SSW	4	0	29.63	-	38	46	45	+ 2	SSW	3	bc	3	47 40 0.14	-
York	29.69	48	W	2	00	29.61	-	37	46	46	+ 1	W	4	o	*	50 45 0.12	-
Loughborough	29.76	50	S	4	0	29.72	-	28	47	45	- 1	NNW	5	cq	*	50 47 0.17	-
Ardrossan	29.42	48	S	4	0	29.42	-	23	47	47	- 3	NNW	5	o	4	50 44 0.23	-
Mullaghmore	29.47	46	NNW	7	0	29.59	+	11	47	45	- 1	NNW	5	on	4	50 47 0.06	-
Donaghadee	29.51	45	SSW	6	0	29.54	-	09	45	45	- 5	NNW	5	c	3	51 45 0.25	-
Parsonstown	29.44	44	W	1	0	29.69	+ 08	46	46	45	0	NNW	2	o	*	52 45 0.04	-
Barrow-in-Furness	29.43	46	S	5	0	29.60	-	20	46	45	- 2	NNW	4	c	5	49 45 0.15	-
Holyhead	?	?	?	?	?	29.67	-	48	46	46	- 2	NNW	2	c	2	52 46 0.48	-
Liverpool (Bidston)	29.69	50	SSW	3	0	29.62	-	18	48	45	- 3	NNW	4	c	3	52 47 0.07	-
Valencia	29.69	50	NNW	5	0	29.82	+ 30	45	46	46	- 3	W	6	cq	4	52 49 0.12	-
Roche's Point	29.71	49	SSW	5	r	29.77	+ 87	47	47	47	- 1	W	4	b	4	52 45 0.45	-
Pembroke	29.77	50	SSW	5	bc	29.77	-	00	49	48	- 1	NNW	6	cq	5	50 49 0.12	-
Scilly	29.86	51	SW	4	0	29.93	+ 14	51	50	50	- 1	NNW	5	c	5	50 49 0.01	-
Prawle Point	29.96	50	SSW	3	m	29.90	-	23	50	49	0	SW	6	bc	4	51 47 0.20	-
Hurst Castle	29.89	48	NNW	5	0	29.89	-	15	48	47	+ 1	NNW	6	c	3	50 45 0.24	-
† Dover	29.90	47	SW	5	0	29.90	-	25	47	46	+ 2	W	4	bc	3	48 45 0.18	-
London	29.88	50	S	5	or	29.85	-	24	50	48	+ 2	NNW	2	c	*	50 48 0.16	-
Oxford	29.83	50	S	4	0	29.87	-	22	49	48	0	NNW	3	ogd	*	50 48 0.13	-
Cambridge	29.81	48	S	1	r	29.79	-	27	47	46	0	NNW	1	o	*	50 45 0.08	-
Yarmouth	29.85	45	S	4	r	29.75	-	28	45	44	+ 2	NNW	4	bc	3	45 41 0.20	-
The Helder	29.71	46	S	4	r	29.73	-	46	44	44	+ 7	NNW	3	c	3	46 37 0.16	-
Cape Griz Nez	29.74	46	S	8	r	29.91	-	28	49	47	+ 5	NNW	4	o	5	50 43 0.20	-
Jersey	?	49	SSW	4	r	30.02	-	04	49	48	+ 3	NNW	5	bc	4	50 46 0.23	-
Brest	30.00	50	W	4	0	30.00	+ 08	50	49	49	- 1	W	5	bc	5	50 46 0.20	-
Lorient	29.95	44	NNW	8	m	30.04	+ 09	50	50	50	+ 3	W	5	c	4	50 45 0.12	-
† Rochefort	30.24	51	S	5	r	30.27	+ 03	50	50	50	+ 7	W	4	bc	2	50 39 0.09	-
Biarritz	30.19	65	S	5	c	30.32	+ 15	50	55	55	- 2	NNW	3	o	1	50 55 -	-
Corunna	*	*	*	*	*	30.37	+ 28	50	56	56	- 3	NNW	1	o	2	50 58 0.20	-
Brussels	*	*	*	*	*	29.93	-	32	48	48	+ 2	NNW	5	o	*	50 46 0.24	-
Charleville	29.85	45	S	3	0	29.98	-	30	48	47	+ 3	W	4	o	*	50 44 0.47	-
Paris	30.14	50	SE	3	f	30.14	-	14	50	48	+ 2	S	4	b	*	50 46 0.16	-
Lyons	30.30	44	SE	3	0	30.26	-	08	42	42	- 1	SSE	3	o	*	49 44 0.08	-
Toulon	30.41	45	Z	0	m	30.41	+ 02	48	46	46	+ 1	S	1	o	2	52 45 -	-
Hawes Junction	28.41	45	NNW	4	r	28.24	-	32	41	42	- 6	NNW	4	r	*	45 42 0.71	-

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).

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 bars and feathers refer to force, thus —

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

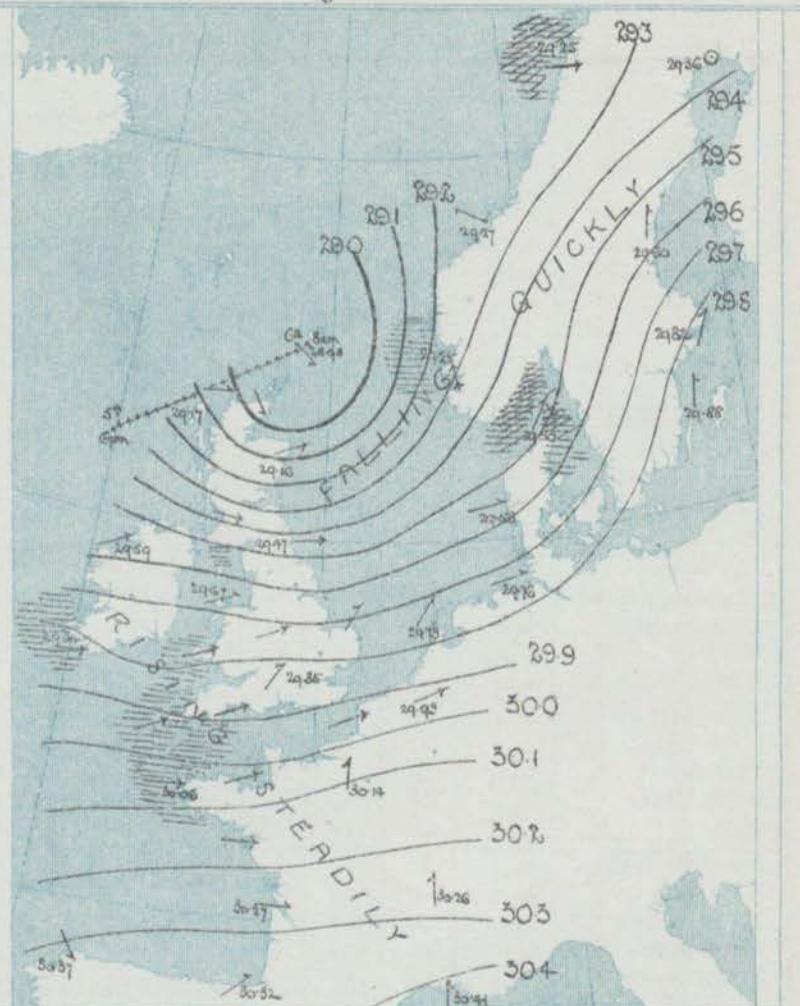
Sea Disturbance — where considerable is shown thus

— 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		29.661
Stornoway		29.657
Wick		29.697
Nairn		29.729
Aberdeen		29.769
Leith		29.819
Shields		29.867
York		29.916
Ardrosson		29.817
Douglashead		29.828
Holyhead		29.825
Liverpool		29.806
Valencia		29.853
Roche's Point		29.889
Pembroke		29.912
Solent		29.953
Hurst Castle		29.975
Dover		30.002
LONDON		29.997
Oxford		29.910
Cambridge		29.976
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.

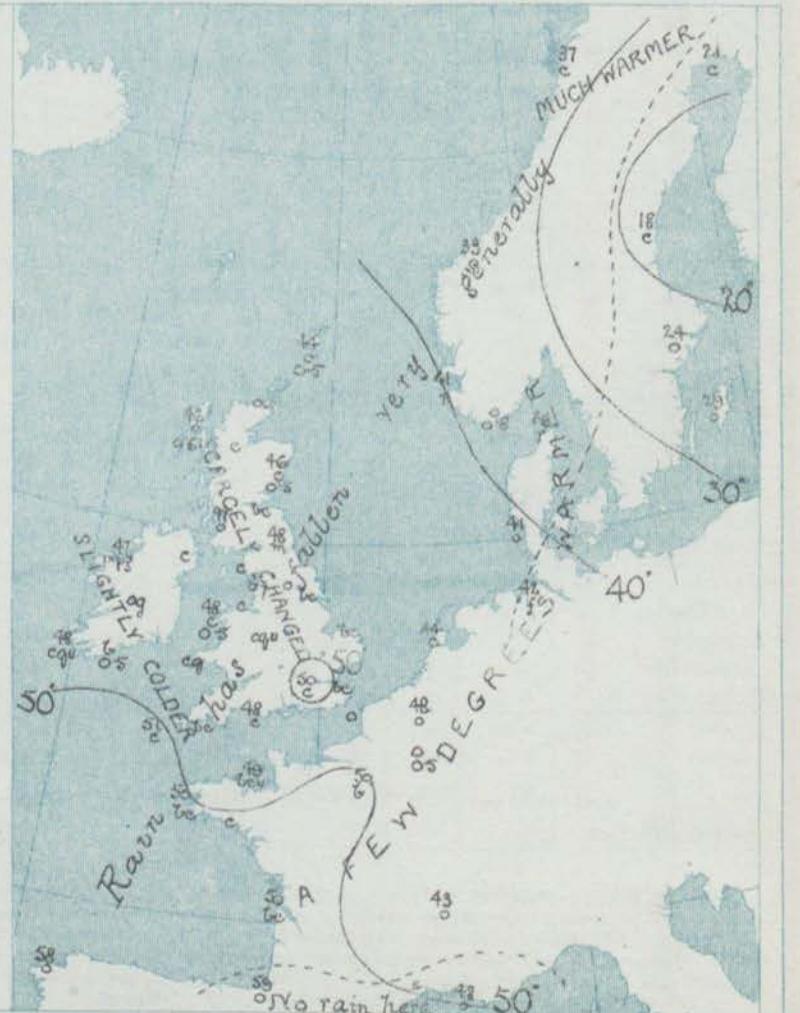
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Palls of 0.5 in. or more, are quoted in figures.

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	30.3	3.72
Stornoway	36.9	37.6	5.20
Wick	37.9	36.5	1.80
Nairn	36.9	35.3	1.99
Aberdeen	37.3	36.7	2.42
Leith	36.2	37.2	2.02
Shields	37.8	36.6	1.88
York	36.9	35.9	1.88
Ardrosson	40.1	38.4	4.86
Douglashead	39.7	38.8	3.03
Holyhead	41.7	40.3	3.73
Liverpool	36.9	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
Solent	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.38
Dover	39.6	38.4	3.03
LONDON	39.1	37.1	2.41
Oxford	37.6	36.6	2.32
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 6th January.

1884, at 8 a.m.

The large depression which was advancing towards our western coast yesterday morning has since travelled in a NE^m 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 coast. S^m or SE^m breezes are reported over Norway and Sweden, but in our Islands and France the wind is chiefly W^m. In fact it is fresh or strong in most parts of Western Europe. The weather is cloudy over Scandinavia, with snow at Christiansund and rain at Skudeneshavn, 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 Scilly to 44° in the Shetlands. The sea is high at Hove and Skagen, and rough on our west and south-west coast.

The depression in the N. will probably continue to move in a NE^m 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		6 { SCOTLAND WEST	
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.		8 { ENGLAND S.W.	
3 { ENGLAND EAST		9 { IRELAND NORTH	
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH		WARNINGS	The N. cone has been lowered this morning in districts 0 to 2

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudenesnaes	29.12	36	32	SSE	8	o	5	Valencia	29.65	52	50	WSW	5	c	6
Sumburgh Head	29.64	42	42	SE	6	r	6	Scilly	29.83	53	52	WSW	4	o	5
Stornoway	29.34	48	47	S	6	c	5	Dover	30.01	46	45	SW	3	c	2
Aberdeen	29.57	40	40	S	8	r	6	London	29.94	50	48	SSE	4	and	*
Shields	29.67	48	47	S	4	r	3	Yarmouth	29.46	42	43	SSE	5	f	3
Ardrossan	29.51	48	46	SSE	2	o	8	Jersey	29.94	47	48	S	4	o	4
Mullaghmore	29.28	49	47	WSW	7	c	6	Rochefort	30.20	49	48	SSE	5	o	7
Holyhead															

REMARKS.

The barometer is rising a little in the SW. but continues to fall elsewhere - quietly in the N. and E. Calm 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.

STATIONS.	† YESTERDAY EVENING.				8 A.M. TO DAY.								PAST 24 HOURS.					
	Barometer Altitude 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. 06	22	2.	0	C	29. 07	- 29	1	0	- 20	7	4	G	*	23	11	-	
Hernösand ...	29. 13	20	3.	0	O	29. 14	- 16	21	19	+ 3	NW	3	G	*	25	12	-	
Stockholm ...	29. 21	33	WSW	2	O	29. 08	- 16	33	35	+ 9	N	4	O	*	34	19	0.08	
Wisby ...	29. 34	26	SW	4	O	29. 12	- 16	39	?	+ 10	WSW	4	O	*	23	11	0.42	
Bodö ...	29. 11	31	SE	4	C	29. 16	- 09	29	26	- 2	NNW	4	C	2	21	-	-	
Christianssand ...	29. 12	36	WSW	4	C	29. 29	+ 02	31	30	- 2	Z	0	G	3	36	28	0.04	
Skudenesmaes ...	29. 04	45	WSW	6	O	29. 29	- 02	42	39	+ 1	WNW	6	O	5	45	21	0.28	
Oxö (Xiansand) ...	29. 10	43	SW	6	R	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. 20	- 28	41	41	0	N	4	A	*	39	0.08	-	
Cuxhaven ...	29. 59	41	WSW	6	R	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	3	46	39	0.10	-
Stornoway ...	29. 44	44	NNW	5	R	29. 61	+ 44	39	38	- 7	WNW	2	B	2	46	33	0.13	-
Wick ...	29. 55	45	NNW	7	O	29. 62	+ 59	41	40	- 4	WNW	2	E	1	47	39	0.07	-
Nairn ...	29. 39	44	NNW	4	O	29. 64	+ 63	42	40	- 16	W	3	O	2	49	42	0.01	-
Aberdeen ...	29. 82	46	WSW	5	BC	29. 63	+ 17	42	41	- 1	N	1	0	2	48	40	0.01	-
Leith ...	29. 44	45	SW	5	BC	29. 71	+ 39	48	40	- 4	N	1	BC	*	49	41	-	-
Shields ...	29. 47	47	W	6	C	29. 73	+ 26	42	41	- 5	N	4	BC	2	50	41	-	-
Spurn Head ...	29. 62	45	W	5	BC	29. 77	+ 14	42	40	- 4	N	6	B	2	49	40	-	-
York ...	29. 62	47	W	4	BC	29. 83	+ 22	42	39	- 6	N	2	B	*	50	41	-	-
Loughborough ...	29. 73	47	NNW	4	R	29. 91	+ 19	44	40	- 3	NNW	2	Og	*	50	43	0.02	-
Ardrossan ...	29. 54	47	NNW	4	R	29. 74	+ 32	45	44	- 2	W	3	O	2	49	44	0.19	-
Mullaghmore ...	29. 80	47	NNW	6	R	29. 84	+ 25	43	41	- 4	NNW	1	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	- 14	W	2	Og	*	48	41	0.03	-
Barrow-in-Furness	29. 65	46	WSW	4	C	29. 83	+ 23	44	42	- 2	N	3	O	4	46	43	0.02	-
Holyhead ...	29. 75	48	NNW	5	O	29. 87	+ 20	46	42	- 2	NNW	3	O	3	49	43	-	-
Liverpool (Bidston)	29. 72	46	WSW	5	O	29. 87	+ 22	43	39	- 5	NNW	3	B	3	49	43	0.01	-
Valencia ...	30. 03	48	NNW	5	O	30. 09	+ 25	45	42	- 3	NNW	6	Cgg	6	46	40	0.15	-
Roche's Point ...	29. 90	47	NNW	4	BC	30. 05	+ 26	44	40	- 7	NNW	4	Cgg	4	51	46	0.10	-
Pembroke ...	29. 90	48	W	6	C	29. 93	+ 16	47	45	- 2	W	6	Cgg	5	49	45	-	-
Scilly ...	30. 09	50	W	6	O	30. 06	+ 13	44	44	- 1	NNW	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	W	4	E	2	50	43	0.02	-
Dover ...	29. 84	47	W	5	BC	29. 96	+ 06	44	43	- 3	NNW	4	BC	2	49	42	0.06	-
London ...	29. 84	48	W	3	G	29. 97	+ 12	43	41	- 1	W	2	G	*	51	43	-	-
Oxford ...	29. 87	46	WSW	5	G	29. 98	+ 17	44	42	- 5	W	2	O	*	51	44	0.04	-
Cambridge ...	29. 81	48	SW	1	G	29. 91	+ 15	43	39	- 4	W	1	BC	*	52	44	-	-
Yarmouth ...	29. 71	47	NNW	3	BC	29. 86	+ 11	42	41	- 3	W	3	BC	3	50	46	0.01	-
The Helder ...																		
Cape Griz Nez ...	29. 88	48	WSW	7	C	29. 99	+ 08	46	43	- 3	NNW	1	C	5	50	45	-	-
Jersey ...	30. 04	49	W	6	BC	30. 11	+ 09	45	45	- 4	NNW	3	Cgg	8	51	45	0.10	-
Brest ...	30. 18	50	NNW	4	G	30. 21	+ 15	49	44	- 1	NNW	5	O	4	52	46	-	-
Lorient ...	30. 15	50	SW	5	O	30. 22	+ 08	48	44	- 4	NNW	5	O	3	55	43	-	-
Rochefort ...																		
Biarritz ...	30. 26	50	L	1	O	30. 29	- 05	54	52	L 3	SW	3	O	1	66	54	-	-
Corunna ...	*	*	*	*	*	*	*	*	*	*	NNW	5	O	*	60	45	0.08	-
Brussels ...	*	*	*	*	*	*	*	*	*	*	NNW	5	O	*	49	41	0.04	-
Charleville ...	?30. 00	49	W	5	O	29. 97	- 01	43	40	- 3	SW	5	O	*	49	41	-	-
Paris ...	30. 11	50	SW	3	BC	30. 16	+ 02	46	46	- 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	42	-	-
Hawes Junction	28. 57	42	Sw	4	r	28. 58	+ 24	58	57	- 4	W	3	O	*	43	38	0.16	-

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).

WEATHER CHARTS

for 8 a.m. on Monday.

7th 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 —

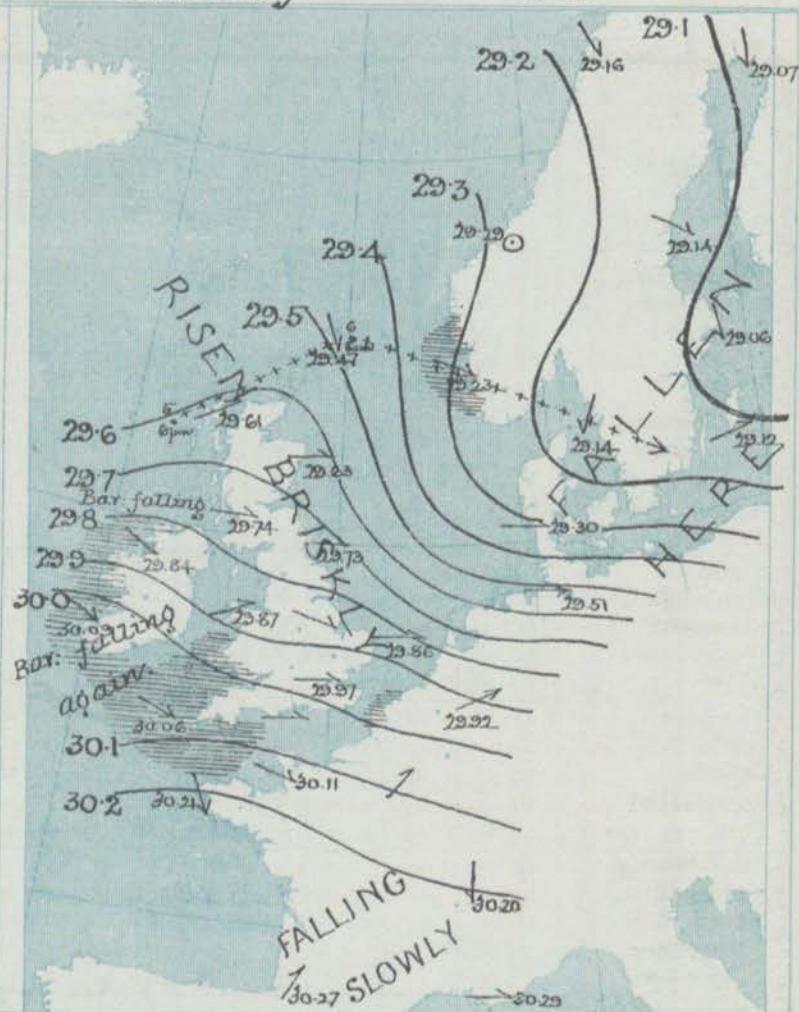
→ force above 10, → forces 8 to 10,
→ forces 5 to 7, → forces 1 to 4,
○ = dead calm.

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	29.917
Dunaghadee	29.928
Holyhead	29.935
Liverpool	29.945
Valencia	29.952
Roche's Point	29.985
Pembroke	29.912
Scilly	29.950
Burst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.994
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.

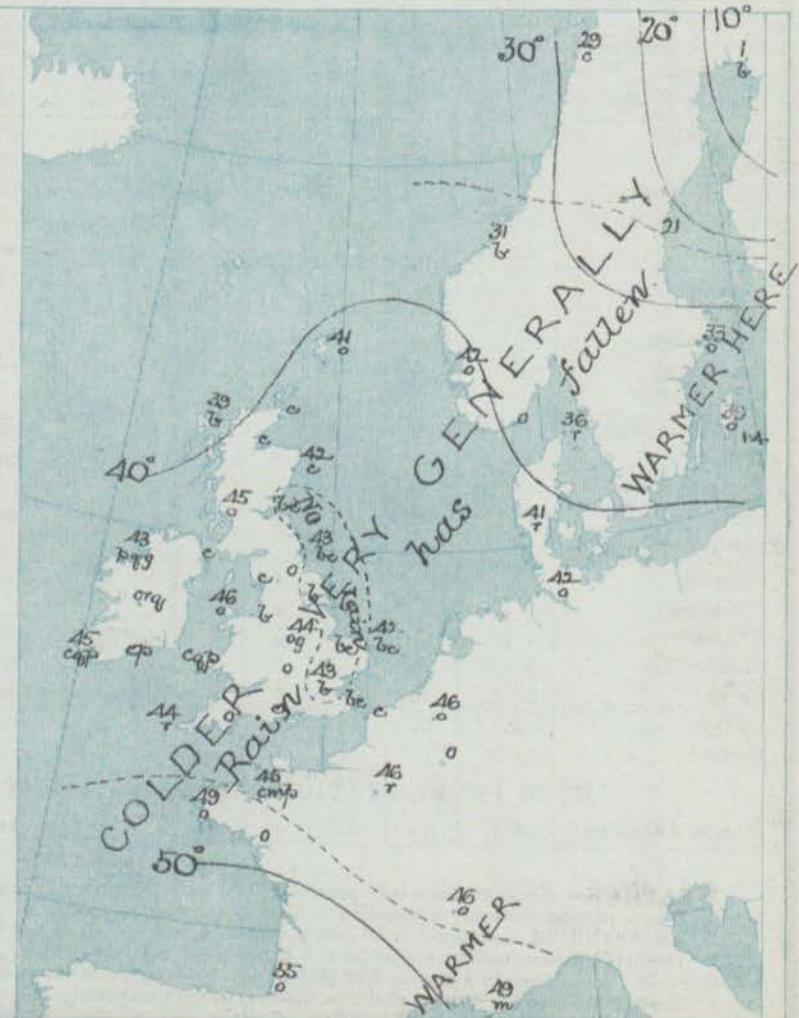
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been no rain. Falls of 0.5 in. or more, are quoted in figures.

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	0.00
Stornoway	38.9	37.6	5.26
Wick	37.9	36.5	1.80
Nairn	36.9	35.3	1.09
Aberdeen	37.3	35.7	2.47
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	4.86
Dunaghadee	39.7	38.8	3.03
Holyhead	41.7	40.3	3.70
Liverpool	38.9	37.3	2.46
Valencia	44.1	43.3	2.22
Roche's Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.23
Scilly	46.5	45.0	9.24
Burst 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	35.8	37.1	2.21

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 Pembroke 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.	6 { SCOTLAND WEST	W ^{ly} winds, freshening; cloudy, some rain.
2 { SCOTLAND EAST	Do. Do. Do.	7 { ENGLAND N.W.	Do. Do. Do.
3 { ENGLAND N.E.	W ^{ly} winds, moderate or fresh; fine to cloudy and unsettled.	8 { ENGLAND S.W.	W ^{ly} winds, strong; dull, rain at times.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	W ^{ly} or S ^w winds, strong; squally, rain at times.
4 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	Do. Do. Do.
5 { ENGLAND SOUTH	W ^{ly} winds, moderate or fresh; changeable, some showers.	WARNINGS	NONE ISSUED.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	19.09	45	44	SSE.	8	8	6	Valencia					
Sumburgh Head								Scilly					
Stornoway								Dover					
Aberdeen								London					
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rochefort	30.20	54	?	W.W.	3
Holyhead											E.		2.

REMARKS.

DAILY WEATHER REPORT

for Tuesday 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 8 a.m. and Sea Level.	WIND.			Temp. in Shade,	BAROMETER.		SHADE TEMP.		WIND.		Weather:	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
		Dir.	Force (0 to 12)	Weather		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dir.	Wet.	Difference from 8 a.m. yesterday.	Dir.			Max.	Min.		
Haparanda	29. 51	6	N	S	29	90	+ 83	2	2	+ 1	N	4	S	*	14	0	-
Hernösand	29. 51	13	N	S	29	91	+ 77	9	8	- 12	NW	2	S	*	25	9	-
Stockholm	29. 47	18	NNW	S	29	88	+ 77	14	13	- 19	NNW	4	Se	*	36	?	-
Wisby	29. 38	32	NW	O	29	77	+ 65	7	26	- 12	N	8	Se	*	59	?	0.04
Bodö	29. 35	?	E	S	29	89	+ 73	19	16	- 10	E	4	S	?	?	?	-
Christiansund	29. 36	38	SW	O	29	66	+ 87	33	32	+ 2	WSW	2	S	2	34	28	0.08
Skudenesaes	29. 64	51	2	O	29	81	+ 58	40	39	- 2	SSW	4	O	44	?	37	-
Oxö (Kungsund)	29. 60	35	ENE	S	29	84	+ 68	31	29	- 5	NNW	4	C	2	57	30	-
Skagen (The Skaw)	29. 63	36	NE	O	29	86	+ 72	36	34	0	NSW	3	C	1	51	32	-
Fanö	29. 71	98	W	S	29	93	+ 68	39	38	- 2	WSW	2	C	*	41	36	-
Cuxhaven	?	41	NNW	S	29	98	+ 47	39	39	- 3	NNW	1	C	*	42	36	-
Sumburgh Head	29. 63	40	NNW	I	29	66	+ 19	40	39	- 1	S	3	C	3	42	36	0.06
Stornoway	29. 52	37	W	S	29	55	+ 06	47	47	+ 8	S	5	Qd	5	47	35	0.16
Wick	29. 73	41	NNW	S	29	64	+ 02	42	40	+ 1	SW	4	Qd	4	45	35	0.03
Nairn	29. 62	30	W	S	29	68	+ 04	39	58	- 3	SW	0	N	1	42	35	0.04
Aberdeen	29. 79	39	2	O	29	79	+ 16	39	38	- 3	SSW	4	O	1	45	35	0.02
Leith	?	43	W	I	29	80	+ 09	46	41	+ 1	WSW	2	Em	*	45	37	-
Shields	29. 81	45	WSW	O	29	95	+ 22	41	39	- 2	SW	3	NW	2	45	37	0.02
Spurn Head	29. 84	42	WSW	S	29	95	+ 28	39	39	- 3	WSW	4	C	3	44	36	-
York	29. 84	43	W	S	29	64	+ 21	40	39	- 2	SW	1	N	*	46	37	0.04
Loughborough	29. 90	42	NNW	S	30	11	+ 20	40	39	- 4	SW	3	Og	*	46	39	0.04
Ardrossan	29. 88	44	NW	S	29	80	+ 06	45	45	0	WSW	5	N	4	46	41	0.06
Mullaghmore	30. 08	43	NNW	S	29	89	+ 04	49	49	+ 6	WSW	6	Qm	5	49	40	0.06
Donaghadee	30. 01	39	N	4	60	29	88	46	46	+ 3	WNW	3	O	1	46	38	0.05
Parsonstown	30. 16	40	W	I	30	04	+ 06	49	48	+ 4	W	2	Og	8	52	38	0.26
Barrow-in-Furness	29. 88	43	NW	S	29	91	+ 14	43	42	- 1	S	5	N	5	45	41	0.04
Holyhead	30. 01	44	NW	S	29	99	+ 12	47	47	+ 1	WSW	3	N	3	48	41	0.12
Liverpool (Bidston)	29. 95	41	NNW	S	30	02	+ 15	44	43	+ 1	SSW	3	O	3	45	41	0.08
Valencia	30. 27	46	NW	O	30	14	+ 05	53	51	+ 8	W	7	Omg	6	54	43	0.01
Roche's Point	30. 21	44	NW	S	30	12	+ 09	50	47	+ 9	W	3	Se	4	50	40	0.06
Pembroke	30. 12	44	NW	I	30	11	+ 18	49	49	+ 2	WSW	3	NW	4	49	43	0.20
Scilly	30. 18	47	NNW	S	30	26	+ 20	51	50	+ 1	WSW	6	O	6	51	43	0.08
Prawle Point	30. 11	40	NW	I	30	25	+ 13	46	46	0	WSW	4	I	4	45	37	0.16
Hurst Castle	30. 00	42	NNW	I	30	23	+ 21	43	41	- 2	WSW	3	O	2	48	38	0.05
Dover	29. 93	43	WSW	I	30	18	+ 22	38	37	- 6	WSW	3	G	2	47	37	-
London	29. 94	46	NW	S	30	20	+ 23	38	36	- 5	SW	1	Og	*	48	35	0.03
Oxford	30. 02	42	NNW	I	30	18	+ 20	40	38	- 4	WSW	2	O	*	46	37	0.04
Cambridge	30. 00	42	SW	I	30	16	+ 22	37	35	- 6	SW	1	Se	*	48	36	0.02
Yarmouth	29. 89	41	WSW	I	30	09	+ 23	38	37	- 4	W	1	Qm	2	44	37	-
The Helder	29. 89	43	W	S	30	04	-	41	40	- 1	W	1	O	1	45	41	-
Cape Griz Nez	30. 00	45	W	S	30	19	+ 20	40	38	- 6	WNW	5	Se	4	48	39	-
Jersey	30. 06	45	NNW	S	30	32	+ 21	44	43	- 1	W	2	Omg	3	49	42	0.25
Brest	30. 21	47	W	O	30	66	+ 15	49	47	0	NNW	3	O	4	51	37	0.08
Lorient	30. 19	45	NNW	I	30	44	+ 22	47	44	- 1	WNW	4	O	3	52	39	-
Rochefort	30. 25	46	NNW	S	30	45	-	45	43	- 1	W	8	O	4	54	39	0.20
Biarritz	30. 28	58	W	S	30	43	+ 16	50	46	- 4	WNW	7	O	44	61	45	0.43
Corunna	*	*	*	*	30	15	+ 23	41	40	- 5	SW	3	O	*	47	39	-
Brussels	*	*	*	*	30	16	+ 19	40	38	- 3	SW	4	O	*	45	39	0.20
Charleville	30. 05	43	SW	I	30	16	+ 19	40	38	- 3	SW	4	O	*	45	39	0.04
Paris	30. 13	47	SW	I	30	34	+ 18	43	42	- 3	WNW	4	Se	*	*	*	0.04
Lyons	30. 17	43	E	I	30	14	- 06	39	37	- 7	NNW	5	O	*	50	29	-
Toulon	30. 18	52	W	I	30	00	- 29	43	39	- 6	NW	5	O	4	51	39	-
HIGH LEVEL STATION.					Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.												
Hawes Junction	28. 50	38	4	3	0	28. 73	+ 15	82	88	0	WSW	3	N	*	39	33	0.13

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 Tuesday, 3rd January

CHARTS

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—

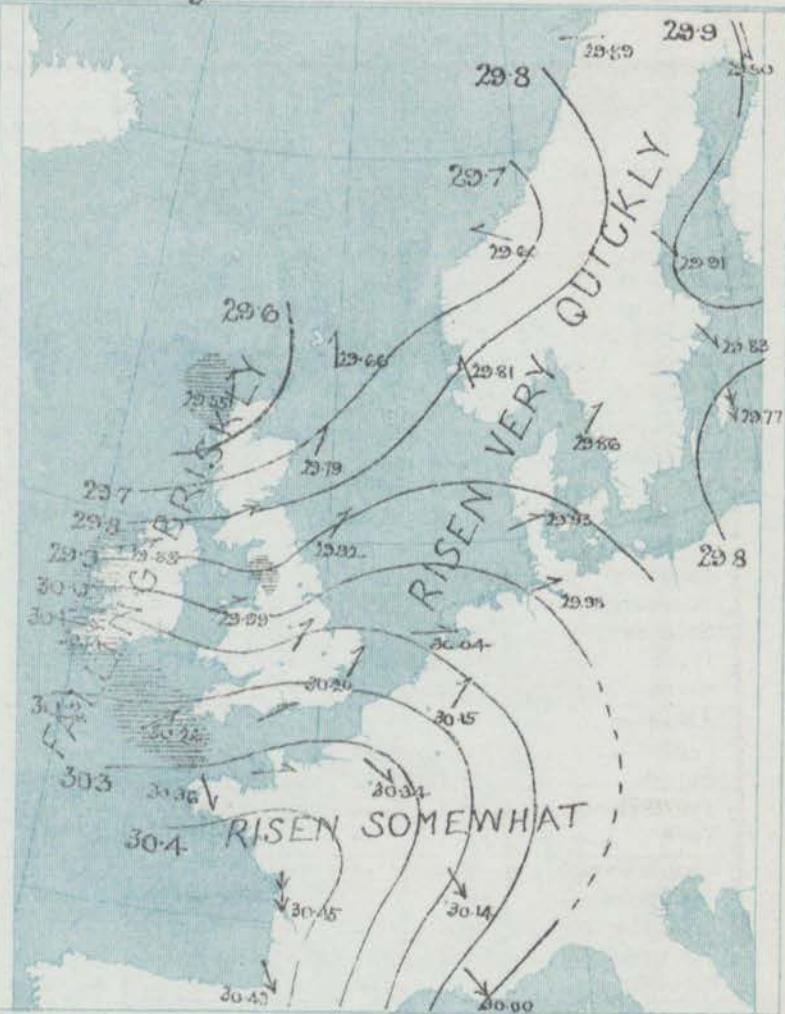
→ Force above 10, → Force 8 to 10,
→ → → forces 5 to 7, → → → forces 1 to 4,
○ = dead calm.

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	29.677
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.818
Shields	29.862
York	29.936
Ardrossan	29.977
Dunaghadee	29.978
Holyhead	29.978
Liverpool	29.986
Valencia	29.982
Roche's Point	29.988
Pembroke	29.972
Scilly	29.953
Burst Castle	29.957
Dover	29.902
LONDON	29.992
Oxford	29.939
Cambridge	29.926
Yarmouth	29.944



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.

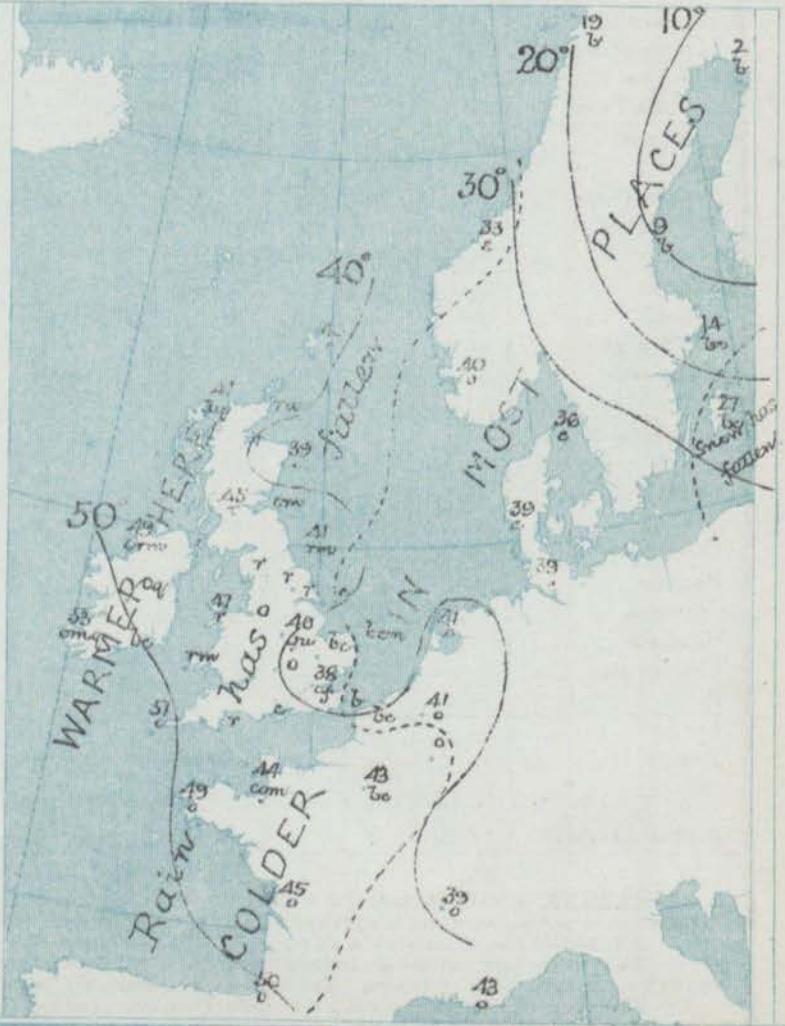
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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	3.74
Stornoway	38.9	37.6	5.28
Wick	37.9	36.5	1.80
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	35.0	1.88
Ardrossan	40.1	38.4	4.86
Dunaghadee	52.7	38.0	3.03
Holyhead	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	4.13
Scilly	46.5	45.0	4.34
Burst Castle	40.7	40.0	8.36
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	1.04
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.



REMARKS.

for Tuesday 8th January

1884, at 8 a.m.

The long 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 west 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	S ^W to W ^N winds, increasing in force, unsettled, rain at times.	6 { SCOTLAND WEST	S ^W to W ^N 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 ^N winds, strong to a gale; squally, showery.
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	S ^W 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.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudenes	29.46	41	37	NW	7	0	4	Valencia	30.21	46	43	NW	5	0
Sumburgh Head	29.51	41	41	NNW	1	0	3	Scilly	30.10	49	43	NNW	8	0
Stornoway	29.73	42	41	WNW	6	1	6	Dover	29.98	48	43	NNW	3	0
Aberdeen	29.69	44	41	W	1	6	2	London	29.93	48	45	NNW	4	0
Shields	29.76	45	42	W	1	0	2	Yarmouth	29.96	44	41	W	3	6
Ardrossan	29.78	44	42	NNW	3	0	2	Jersey	29.99	45	44	NNW	5	1
Mullaghmore	30.01	46	40	NW	7	0	6	Rochefort	30.20	50	48	W	4	0
Holyhead	29.92	44	41	NNW	5	0	7						2	

REMARKS.

Since 8am. the barometer has risen in the W. and N., while it has fallen a little in the SE. Fresh or strong NW^W breezes, & dull, equally weather are reported on our W^E coasts, but in the E. the wind is light or moderate from the N^E 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^Wwinds prevailed over England & Ireland, calms 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^E direction, the wind consequently veered slowly, temperature began to rise, & the air became softer & damper. By 8am on the 3rd SW^Ebreeze prevailed over all the S^E coastlines, but variable E^Wwinds in the N. The former spread slowly & at 8am on Saturday (5th) strong but very mild SW^Ewinds were felt in the W., moderate S^Ewinds over England, & strong SE^E in Scotland; the weather having in the meantime become showery generally. In the evening a large depression travelling in a NE^E direction appeared off our NW^Ecoasts.

DAILY WEATHER REPORT

for Wednesday 9th 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 8 a.m. and Sea Level.	Temp. in Shade.	WIND.			BAROMETER.		SHADE TEMP.		WIND.		Shade Temp (0 to 9).	Max.	Min.			
			Dir.	Force (0 to 12)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dir.	Wet.	Difference from 8 a.m. yesterday.	Dir.						
Haparanda	30° 20	-9	N	2	6	29° 97	+ 0°	-12	-16	- 4	20	0	*	21	?	-	
Hernösund	30° 21	0	E	0	8	30° 13	+ 22	20	18	+ 11	S	4	*	2	-4	-	
Stockholm	30° 20	7	NW	2	6	30° 32	+ 89	24	23	+ 10	SE	4	*	?	1	-	
Wisby	30° 13	27	NEW	6	0	30° 21	+ 144	26	26	- 1	NE	4	*	80	26	-	
Bodö	9° 50	22	E	2	8	29° 56	- 35	26	25	+ 7	E	6	*	?	16	-	
Christiansund	29° 59	36	SW	4	0	29° 42	- 24	40	35	+ 7	SW	5	0	3	41	30 0' 12	
Skudesnaes	29° 87	41	S	2	A	29° 73	- 08	44	44	+ 4	S	8	R	6	?	0' 32	
Oxö (Christiansund)	29° 98	34	NNW	1	0	29° 86	+ 02	40	40	+ 9	SW	2	*	5	?	0' 32	
Skagen (The Skaw)	50° 03	33	S	2	2	29° 98	+ 12	38	38	+ 2	SSW	4	0	+	39	34 0' 08	
Fanö	30° 11	38	WSW	1	C	30° 07	+ 14	40	40	+ 1	SW	4	*	41	31 0' 04		
Cuxhaven	30° 20	41	SW	1	A	30° 19	+ 14	40	40	+ 1	SW	4	0	*	42	36 0' 06	
Sumburgh Head	29° 61	46	W	4	6C	29° 44	- 22	48	47	+ 8	WSW	4	A	4	48	34 0' 12	
Stornoway	29° 65	45	SSW	4	0M	29° 57	+ 02	44	44	- 3	W	4	0	40	50 4' 28		
Wick	29° 70	43	NW	2	6C	29° 50	- 14	46	44	+ 4	WSW	3	0	2	50	40 0' 09	
Nairn	29° 74	46	Z	0	0	29° 60	- 08	49	47	+ 10	WSW	4	6	2	52	39 0' 02	
Aberdeen	29° 62	41	SW	1	0	29° 59	- 12	50	49	+ 11	SSW	6	C	2	50	38 0' 16	
Leith	29° 57	44	W	2	2	29° 55	- 05	52	49	+ 8	SW	6	SW	2	46	-	
Shields	29° 93	49	W	3	2	29° 96	+ 01	50	48	+ 9	SW	2	0M	2	50	41 0' 11	
Spurn Head	29° 99	45	WSW	4	2	30° 06	+ 01	46	45	+ 1	WSW	5	6C	2	49	38 0' 06	
York	30° 00	49	WSW	1	C	30° 08	+ 04	50	47	+ 10	WSW	5	0	*	50	39 0' 21	
Loughborough	30° 07	44	WSW	2	0	30° 16	+ 05	49	46	+ 1	WSW	4	0G	*	50	40 0' 04	
Ardrossan	29° 95	49	W	3	0M	29° 80	- 00	48	48	+ 3	SW	5	2	4	50	45 0' 15	
Mullaghmore	29° 90	50	SW	6	0	29° 84	- 04	52	50	+ 3	SW	1	0M	6	52	49 0' 02	
Donaghadee	29° 92	50	W	3	A	29° 93	+ 05	50	50	+ 4	W	5	C	1	51	45 0' 04	
Parsonstown	30° 09	50	SW	1	0	30° 03	+ 01	57	49	+ 3	SW	6	0G	8	52	48 0' 01	
Barrow-in-Furness	30° 02	47	WSW	4	0	30° 02	+ 05	49	46	+ 4	W	5	0	4	48	41 0' 10	
Holyhead	30° 07	50	WSW	2	0	30° 10	+ 11	60	48	+ 3	SW	4	C	4	51	45 0' 05	
Liverpool (Badgerston)	30° 05	49	WSW	5	0	30° 09	+ 07	50	49	+ 6	SW	3	C	3	50	44 0' 10	
Valencia	30° 14	52	WSW	6	0M	30° 11	- 03	53	52	- 10	SW	7	0M	6	54	52 -	
Roche's Point	30° 16	40	W	5	6C	30° 16	+ 04	52	50	+ 2	W	6	0	4	53	48 -	
Pembroke	30° 16	50	W	3	C	30° 22	+ 11	51	49	+ 2	WSW	5	0	4	51	48 -	
Scilly	30° 18	51	W	6	0	30° 34	+ 08	50	49	- 1	WSW	4	C	5	53	49 -	
Prawle Point	30° 24	50	WSW	4	0	30° 36	+ 11	49	49	+ 3	W	4	C	4	50	45 0' 16	
Hurst Castle	30° 23	47	W	3	0	30° 35	+ 12	46	46	+ 3	WSW	4	0	2	48	? 45 0' 16	
Dover	30° 16	46	WSW	4	0M	30° 30	+ 12	45	44	+ 7	W	4	6	3	48	38 0' 15	
London	30° 16	47	W	2	0	30° 28	+ 08	44	43	+ 6	WSW	3	0	*	48	38 0' 13	
Oxford	30° 18	47	SW	3	0	30° 21	+ 09	49	46	+ 7	SW	4	0	*	49	40 0' 05	
Cambridge	30° 16	46	W	1	C	30° 22	+ 06	42	42	+ 5	SW	1	0	*	49	38 0' 08	
Yarmouth	30° 08	43	W	3	0D	30° 20	+ 11	43	42	+ 5	SW	3	0M	2	45	37 0' 02	
The Helder	30° 14	42	SW	1	0	30° 17	+ 13	44	44	+ 3	SSW	1	C	2	45	41 -	
Cape Griz Nez	30° 17	45	W	7	A	30° 33	+ 14	45	45	+ 5	W	5	0	4	46	39 0' 35	
Jersey	30° 28	50	WSW	4	0M	30° 42	+ 10	48	48	+ 4	W	4	0	*	49	43 0' 38	
Brest	30° 55	50	WSW	4	0	30° 42	+ 06	49	48	0	WSW	1	6	3	52	39 -	
Lorient	30° 40	50	WSW	5	3	30° 51	+ 07	48	48	+ 1	WSW	3	M	3	52	43 -	
Rochefort	30° 50	46	W	5	0	30° 53	+ 13	45	45	0	8	1	0	2	52	39 0' 08	
Biarritz	30° 51	50	W	1	A	30° 53	+ 10	54	50	+ 4	W	3	C	4	55	?	0' 04
Corunna	*	*	*	*	*	30° 33	+ 18	45	45	+ 4	SSW	4	0	*	46	41 0' 04	
Brussels	*	*	*	*	*	30° 33	+ 18	45	45	+ 4	SSW	4	0	*	46	41 0' 04	
Charleville													*	*	0' 08		
Paris	30° 36	46	WSW	4	0	30° 49	+ 15	48	47	+ 5	SW	1	0	*	46	38 0' 08	
Lyons	30° 36	50	W	3	0	30° 49	+ 35	56	53	- 14	WSW	3	G	*	46	35 -	
Toulon	30° 04	48	WSW	4	0C	30° 50	+ 30	47	41	+ 4	SE	3	G	2	54	41 -	
HIGH LEVEL STATION.					Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.										32 0' 10		
Hawes Junction	28° 11	45	W	2	6C	28° 74	+ 01	45	45	+ 7	WSW	1	0	*	45	32 0' 10	

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

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 bars and feathers refer to force, thus—

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

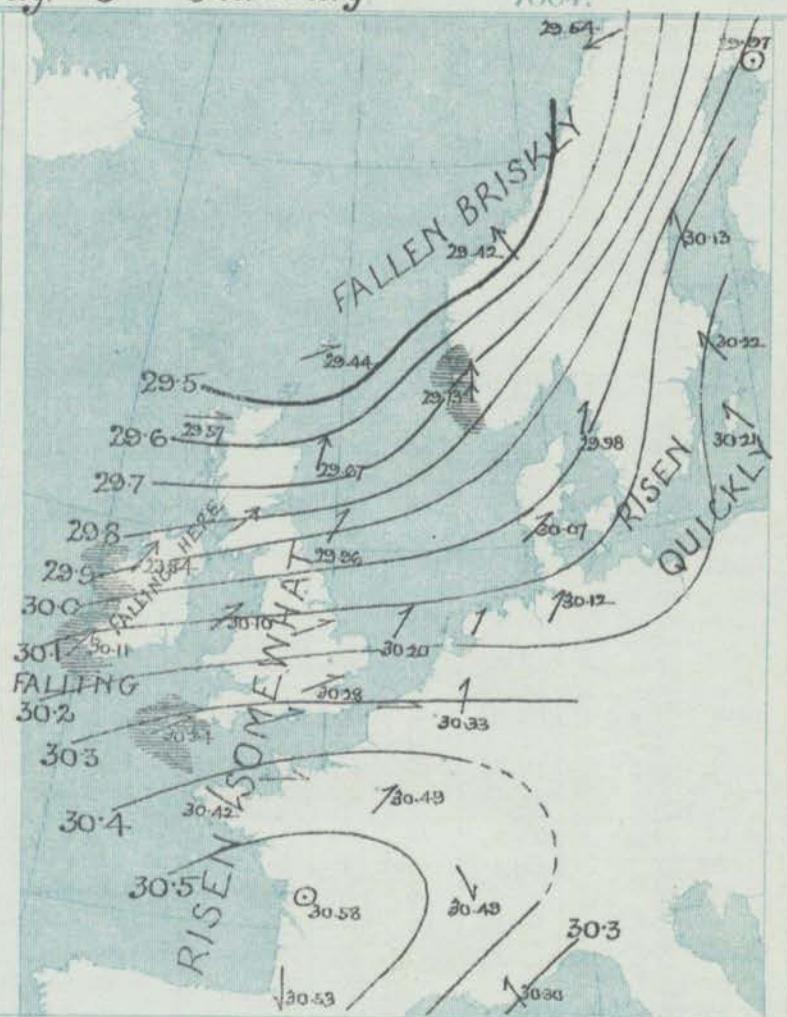
Sea Disturbance — where considerable is shown thus—
Rough = High.

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	29.671
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.926
Liverpool	29.906
Valencia	29.952
Rocke's Point	29.908
Pembroke	29.913
Silby	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.979
Cambridge	29.975
Yarmouth	29.961



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.

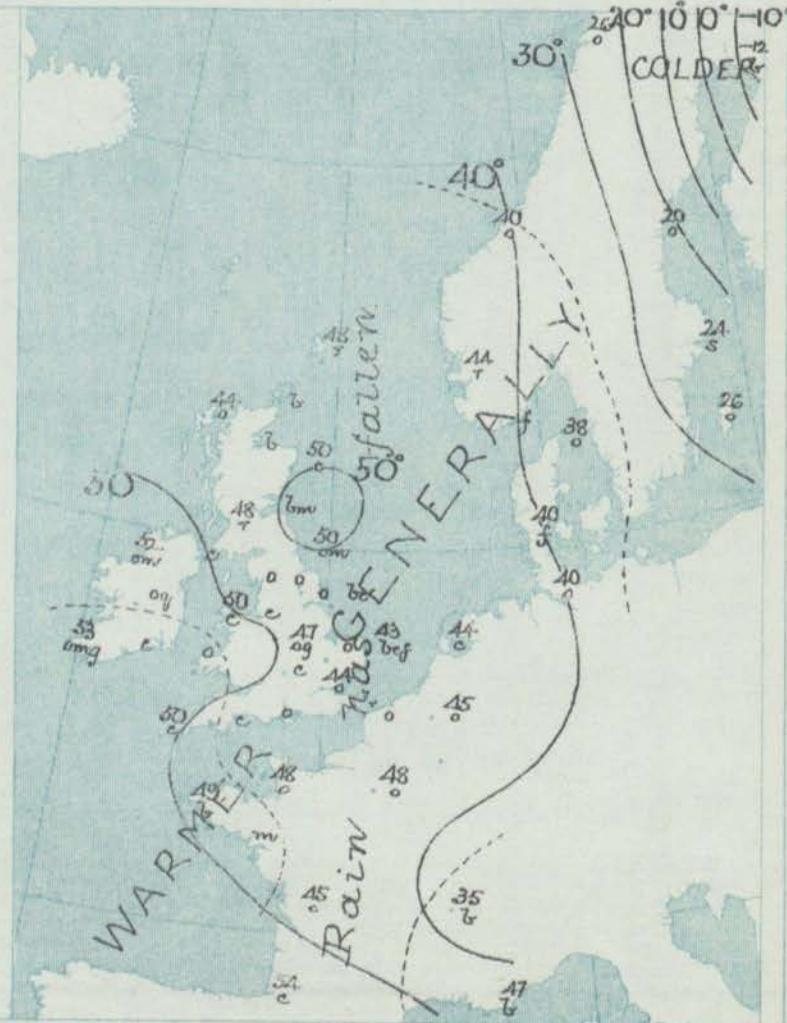
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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	38.2	3.72
Stornoway	38.9	37.6	5.22
Wick	37.9	36.5	7.80
Nairn	36.9	35.3	7.09
Aberdeen	37.3	36.7	2.42
Leith	38.2	37.2	2.02
Shields	37.8	36.6	1.28
York	36.9	35.9	1.88
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
Rocke's Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.10
Silby	46.5	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	2.53
Cambridge	38.5	36.7	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^y or S^y winds are reported over Scandinavia, but elsewhere the wind is generally SW^y, and in the west of Ireland it blows with the force of a moderate gale. The weather is fair along the east coast of Great Britain, but cloudy or overcast elsewhere, with rain at Simburgh 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 53° 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^y or W^y 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.
1 { SCOTLAND NORTH	SW ^y and W ^y winds, moderate or fresh; fair to dull and rainy.	6 { SCOTLAND WEST	SW ^y to W ^y winds, increasing considerably; dull, rain at times.
1 { SCOTLAND EAST	---- D ^o ---- D ^o ---- D ^o ----	7 { ENGLAND N.W.	---- D ^o ---- D ^o ---- D ^o ----
2 { ENGLAND N.E.	Same as No 5.	8 { ENGLAND S.W.	SW ^y to W ^y strong winds or gales; unsettled, rain at times.
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	SW ^y 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.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudenesres	29.60	41	40	SSE	6	2	4+	Valencia	30.15	53	51	WSW	5	0 mg	5
Sumburgh Head	29.55	44	48	NW	4	0	4	Scilly	30.26	52	50	NW	7	0 mw	6
Stornoway	29.60	45	44	SW	3	0 mw	3	Dover	30.17	43	41	WSW	3	0 e	2
Aberdeen	29.74	42	41	SSW	5	0	1	London	30.13	47	45	SSW	3	0 n	*
Shields	29.87	43	43	SW	2	0 mw	2	Yarmouth	30.09	43	46	SW	2	0 e	2
Ardrossan	29.54	51	49	WNW	4	0	3	Jersey	30.25	49	49	W	5	0 o	4
Mullaghmore	29.82	50	49	NW	5	0 mw	5	Rochefort	30.53	45	45	WNW	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. SW 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.

STATIONS.	† YESTERDAY EVENING.				8 A.M. TO DAY.								PAST 24 HOURS.				
	Barometer at 92° F. and Sea Level.		Temp. in Stations.	Wind, Dir., Force, (0 to 12)	WIND.		BAROMETER.		SHADE TEMP.		WIND.		SHADE TEMP.				
	Reading at 92° F. and Sea Level.	Difference from 8 a.m. yesterday.			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force, (0 to 12)	Weather:	Sq-B. (0 to 9).	Max.	Min.				
Haparanda	29.61	19	5	6	5	29.46	- 1.51	22	22	+ 34	2	0	6	*	?	?	0.85
Hernösand	29.51	32	8	8	5	29.61	- 1.52	23	23	+ 3	2	0	6	*	24	- 4	0.16
Stockholm	29.77	54	WSW	6	2	29.76	- 1.46	34	33	+ 10	W	4	6	*	36	?	0.22
Wisby	29.91	34	3	6	2	29.86	- 1.57	39	38	+ 13	NW	4	6	*	?	23	0.59
Bodö	29.10	82	4	6	0	29.13	- 1.41	35	33	+ 9	SSE	6	6	*	?	23	0.08
Christiansund ...	29.47	40	WNW	9	0	29.48	+ 06	38	35	- 2	WSW	8	2	6	48	34	0.89
Skudenesnaes ...	?	14	2	0	0	29.86	+ 15	45	43	+ 1	SSW	4	0	5	46	?	0.16
Oxö (Kristiansund) ...	29.77	42	WSW	6	5	29.93	+ 07	39	37	- 1	ESE	2	6	3	43	37	0.08
Skagen (The Skaw) ...	29.82	44	SW	5	0	29.93	- 1.05	42	40	+ 2	W	4	6	4	48	37	0.08
Fanö	30.06	43	W	5	0	30.13	+ 06	42	42	+ 2	W	4	6	*	43	59	-
Cuxhaven	30.08	45	SW	3	0	30.16	+ 04	45	45	+ 5	WSW	4	0	*	?	37	-
Samburgh Head ...	29.65	42	W	5	0	29.62	+ 18	44	42	- 4	WSW	4	0	5	48	37	0.13
Stornoway ...	29.76	41	SW	4	6	29.06	+ 09	44	42	0	SSW	5	6	4	45	38	0.19
Wick	29.77	41	W	2	6	29.72	+ 22	41	40	- 5	W	2	6	2	46	37	-
Nairn	29.87	43	WNW	2	0	29.76	+ 16	44	42	- 5	SW	5	0	3	50	40	0.10
Aberdeen ...	29.85	47	WSW	4	6	29.85	+ 18	43	42	- 1	SW	4	0	2	53	40	-
Leith	29.86	52	W	5	0	29.91	+ 19	46	44	- 6	WSW	3	0	*	54	42	0.15
Shields	30.00	55	WSW	4	0m	29.99	+ 03	51	48	+ 1	WSW	6	6	2	55	46	0.02
Spurn Head ...	30.15	48	WN	4	0	30.19	+ 13	45	44	- 1	SSW	4	6	2	50	43	-
York	30.13	52	WSW	3	0	30.17	+ 09	49	46	- 1	SSW	3	0	*	54	46	-
Longhborough ...	30.24	50	WNW	5	6	30.29	+ 13	47	45	0	WSW	5	0	*	52	47	-
Ardrossan ...	30.02	48	W	2	0	29.98	+ 18	46	46	- 2	WNW	4	1	3	49	44	0.21
Mullaghmore ...	30.04	46	WSW	4	0m	30.03	+ 19	47	46	- 5	SW	5	0	*	52	46	0.18
Donaghadee ...	30.08	49	SW	3	0	30.06	+ 13	46	46	- 1	W	3	0	1	53	46	0.42
Parsonstown ...	30.18	52	W	3	0	30.16	+ 13	50	49	- 2	WNW	1	0	*	54	49	0.06
Barrow-in-Furness ...	30.13	48	NW	4	0	30.12	+ 10	48	46	+ 1	SSW	7	0	6	49	46	-
Holyhead ...	30.18	50	SSW	4	6	30.21	+ 11	50	48	0	SSW	4	0	5	51	47	-
Liverpool (Bidston) ...	30.21	51	SW	4	0	30.21	+ 12	50	46	0	SW	3	6	3	53	50	-
Valencia ...	30.18	53	SW	7	0m	30.22	+ 11	52	52	- 1	SW	6	0	6	54	52	-
Roche's Point ...	30.24	50	SSW	6	0	30.27	+ 11	51	50	- 1	WSW	5	0	4	54	49	-
Pembroke ...	30.30	52	WNW	5	0	30.33	+ 11	49	48	- 2	SW	4	0	4	51	48	-
Scilly ...	30.35	51	SW	5	0	30.40	+ 06	50	49	0	SW	4	0	5	54	48	-
Prawle Point ...	30.42	50	SW	4	6	30.46	+ 10	49	47	0	SW	4	0	4	51	46	-
Hurst Castle ...	30.12	49	WNW	5	0	30.46	+ 11	46	46	0	WSW	4	6	2	49	45	-
Dover ...	30.39	46	WSW	3	6	30.44	+ 14	45	45	0	W	3	0	3	49	43	0.02
London ...	30.59	49	WNW	4	0	30.42	+ 14	43	42	- 1	WSW	2	0	*	53	43	-
Oxford ...	30.57	50	SW	5	0	30.84	+ 12	45	44	- 2	SW	3	6	4	52	45	-
Cambridge ...	30.27	48	SW	1	0	30.34	+ 12	46	45	+ 4	SW	1	0	*	52	41	-
Yarmouth ...	30.28	47	WSW	3	6	30.32	+ 12	44	43	+ 1	SSW	3	0	3	48	41	0.01
The Helder ...	30.27	44	SW	1	6	30.32	+ 15	44	43	0	SW	5	6	3	46	43	-
Cape Griz Nez ...	30.40	47	WNW	5	0	30.45	+ 12	46	45	+ 1	SW	5	0	4	50	45	-
Jersey ...	30.49	48	WNW	4	6	30.52	+ 10	40	40	- 8	S	2	6	3	51	39	-
Brest ...	30.49	49	8	3	6	30.50	+ 08	46	46	- 3	SSW	5	0	4	50	43	-
Lorient ...	30.59	48	SW	4	6	30.88	+ 04	47	46	- 1	SSW	3	0	3	55	41	-
Rochefort ...	30.65	46	WNW	3	6	30.67	+ 09	56	56	- 9	E	5	1	2	55	50	-
Biarritz ...	30.58	50	W	8	0	30.50	- 03	46	44	- 8	19	3	0	2	61	43	-
Corunna ...	*	*	*	*	*	30.45	+ 12	45	43	0	WSW	5	0	*	49	44	-
Brussels ...	*	*	*	*	*	30.45	+ 12	45	43	0	SW	4	0	*	45	39	0.04
Charleville ...	? 30.60	45	SL	4	0	30.56	39	39	37	- 14	SSW	4	0	*	45	39	-
Paris ...	30.56	47	S	1	0	30.65	+ 16	54	55	- 14	SSW	4	0	*	*	*	-
Lyons ...						30.55	+ 25	48	40	+ 1	E	1	8	2	51	41	-
Toulon ...	30.44	50	W	3	6	30.55	+ 15	45	44	0	WSW	6	1	*	46	43	0.13
Hawes Junction	28.84	45	WSW	6	2	28.89	+ 15	45	44	0	WSW	6	1	*	46	43	0.13

EXPLANATION OF COLUMNS.

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

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

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

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

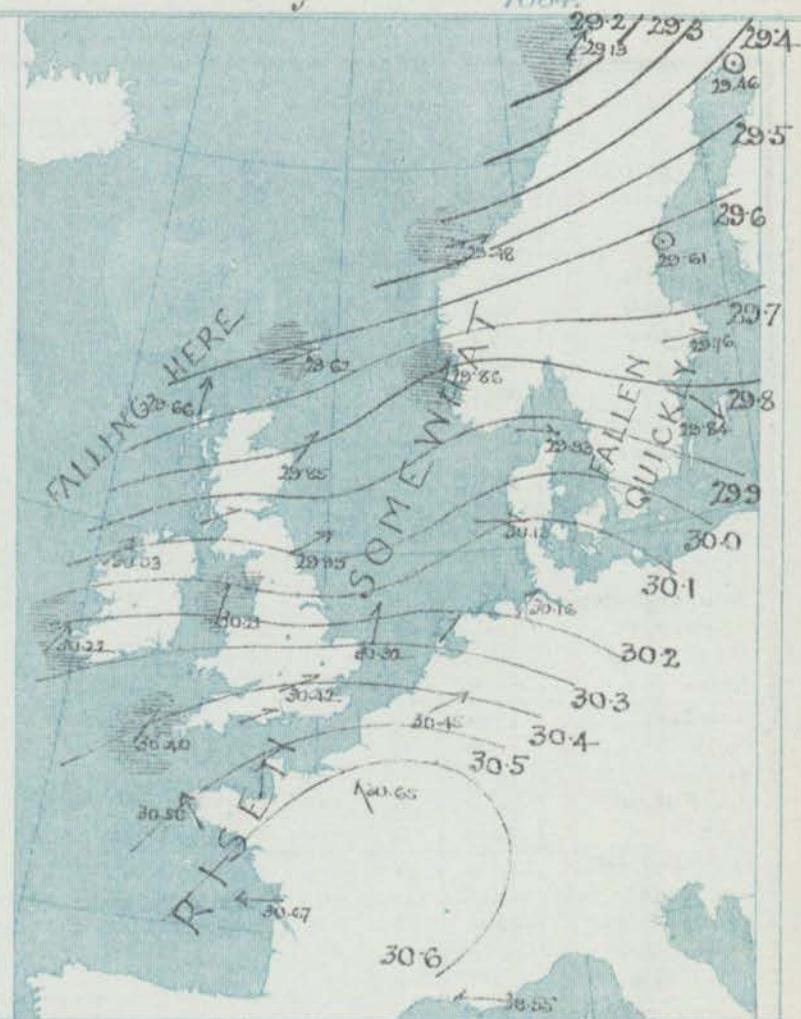
→ force above 10, → forces 8 to 10,
→ forces 6 to 7, → forces 1 to 4,
○ = dead calm.

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	29.810
Shields	29.867
York	29.916
Ardrossan	29.917
Douglashead	29.928
Holyhead	29.925
Liverpool	29.906
Valencia	29.882
Roche's Point	29.863
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.

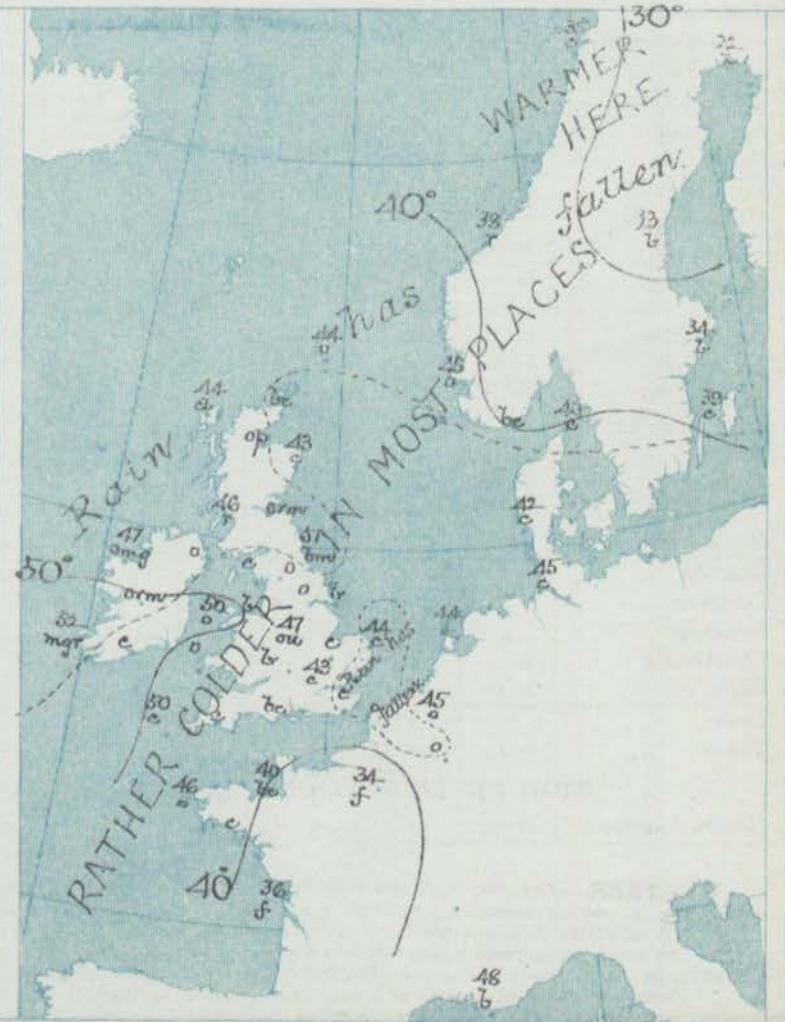
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falle of 0.5 in. or more, are quoted in figures.

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	0.0
Stornoway	38.9	37.6	5.28
Wick	37.9	36.5	1.80
Nairn	36.8	35.3	1.99
Aberdeen	37.3	36.7	2.42
Leith	36.2	37.2	2.02
Shields	37.8	36.6	1.88
York	36.9	35.9	1.88
Ardrossan	40.1	39.4	4.86
Douglashead	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	2.23
Cambridge	36.5	35.7	1.69
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.



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 station, 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 sharp gradients for W^W breezes prevail over the whole of our Islands. The wind which is SW^W over the United Kingdom, but W^E in Scandinavia blows freshly or strongly on the more exposed parts of our coast. In the south of France, however, moderate E^S 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 52° at Palencia to 41° at Metz. 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, occasioning fair weather over our southern districts, 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 8 a.m. on the previous day.)

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

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudenesnaes	29.70	46	46	NNE	6	1	6	Valencia	30.15	53	52	SW	1	0 m g	6
Sumburgh Head	29.59	42	45	N	3	0	4	Scilly	30.35	53	51	SW	6	b c m	6
Stornoway	29.71	41	41	SW	5	0	4	Dover	30.34	48	47	W	4	0	3
Aberdeen	29.74	50	48	NNW	2	60	2	London	30.33	53	48	WNW	3	C	*
Shields	29.96	53	51	WNW	4	0	2	Yarmouth	30.21	48	47	WNW	3	b 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	NW	5	0 m	5	Rochefort	30.63	52	50	W	0	m	2
Holyhead	30.13	50	49	SW	3	6	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 8 a.m. 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.			Max.	Min.			
Haparanda	29.49	28	8	2	80	29.30	- 16	27	27	+ 5	3	4	0	*	30	19	-	
Hernösand	29.54	17	2	0	8	29.32	- 29	12	?	- 11	2	0	G	*	32	?	-	
Stockholm	29.75	82	WSW	2	0	29.43	- 33	38	36	+ 14	WSW	6	0	*	30	34	-	
Wisby	29.66	89	W	4	0	29.62	- 22	41	39	+ 2	WSW	8	0	*	31	34	-	
Bodö	29.15	33	SW	4	0	29.86	- 27	36	31	0	SW	6	**	4	36	32	0.82	
Christiansund	29.25	40	SW	6	0	29.08	- 45	56	35	- 2	SW	5	0	6	41	30	0.35	
Skudenesnaes	29.71	45	SW	6	0	29.30	- 56	42	40	- 5	WSW	8	0	6	45	?	-	
Oxö (Kristiansund)	29.82	42	WSW	6	C	29.43	- 50	41	40	+ 2	SW	6	A	4	48	39	0.08	
Skagen (The Skaw)	29.88	42	W	4	0	29.52	- 41	42	40	- 2	W	6	0	6	48	39	-	
Fanö	29.98	42	WSW	4	0	29.68	- 45	42	41	0	WSW	5	0	*	48	41	-	
Cuxhaven	30.11	42	WSW	4	V	29.88	- 27	39	39	- 6	WSW	4	0	*	45	31	-	
Sumburgh Head	29.49	41	W	6	G	29.21	- 41	57	55	- 4	NNW	5	C	5	45	31	0.29	
Stornoway	29.61	41	WSW	8	Aq	29.46	- 20	37	36	- 1	W	6	aqhp	5	45	33	0.24	
Wick	29.68	37	W	4	80	29.43	- 29	35	32	- 8	NNW	8	80	2	41	32	0.15	
Nairn	29.72	40	WNW	4	0	29.51	- 25	52	52	- 12	Z	0	0	3	46	32	0.59	
Aberdeen	29.79	43	WSW	4	80	29.50	- 85	36	35	- 1	W	4	G	1	48	34	-	
Leith	29.90	48	SW	5	A	29.63	- 31	35	34	- 11	W	5	OPRA	*	49	33	0.25	
Shields	30.02	49	W	4	80	29.68	- 31	41	39	- 10	W	7	aq	2	52	40	0.05	
Spurn Head	30.14	46	SW	5	G	29.83	- 36	43	40	- 2	W	5	G	2	49	40	-	
York	30.13	51	W	3	G	29.81	- 36	42	39	- 3	W	6	C	*	54	42	-	
Loughborough	30.23	47	SW	4	C	29.96	- 33	45	41	- 2	WSW	6	CQ	*	51	44	-	
Ardrossan	29.06	46	WSW	4	0	29.72	- 26	37	31	- 9	W	5	Beqnp	3	48	36	0.18	
Mullagbmore	30.02	48	WSW	6	0	29.92	- 11	39	38	- 8	WSW	8	eqhp	6	48	38	0.20	
Donaghadee	30.06	47	W	5	0	29.85	- 23	52	51	- 8	WSW	5	C	8	49	37	0.09	
Parsonstown	30.17	46	SW	1	0	30.07	- 09	45	40	- 7	W	3	aq	*	50	40	0.17	
Barrow-in-Furness	30.12	45	WSW	3	0	29.88	- 29	41	40	- 1	W	7	0	6	49	40	0.05	
Holyhead	30.16	49	WSW	3	0	29.96	- 25	45	41	- 5	WNW	5	C	6	50	43	0.05	
Liverpool (Bidston)	30.15	50	SW	5	0	29.88	- 33	44	40	- 6	WSW	6	80	5	52	43	0.04	
Valencia	30.28	48	WSW	2	0	29.27	+ 05	49	44	- 5	WNW	6	Beqnp	6	53	44	0.17	
Roche's Point	30.24	51	WSW	5	m	30.20	- 07	44	41	- 7	WNW	4	G	4	53	41	-	
Pembroke	30.25	48	SW	8	0	30.09	- 24	47	42	- 2	W	6	C	4	51	46	-	
Scilly	30.30	50	SSW	5	C	30.25	- 15	49	45	- 1	WNW	6	C	6	52	49	-	
Prawle Point	30.40	48	SSW	8	0	30.20	- 26	46	45	- 3	WNW	4	80	4	50	45	-	
Hurst Castle	30.40	47	SW	4	G	30.11	- 35	46	45	0	W	4	80	2	50	44	-	
Dover	30.38	45	WSW	4	G	30.06	- 38	43	42	- 2	W	3	G	2	48	40	-	
London	30.36	46	SW	2	80	30.06	- 36	43	41	0	W	4	C	*	53	42	-	
Oxford	30.29	45	SW	5	0	30.04	- 35	44	44	- 1	WSW	3	G	*	50	42	-	
Cambridge	30.28	45	SW	1	C	29.99	- 35	43	42	- 3	SW	1	G	*	50	41	-	
Yarmouth	30.27	46	SW	3	80	29.94	- 38	43	42	- 1	WSW	4	80	3	49	41	-	
The Helder	30.27	44	SW	4	C	29.83	- 49	44	42	0	SW	3	C	3	46	43	-	
Cape Griz Nez	30.40	46	SW	4	C	30.09	- 84	41	40	- 5	SW	7	C	5	48	39	-	
Jersey	30.40	42	?	3	80	30.21	- 31	47	47	+ 7	W	4	CWN	4	47	39	-	
Brest	30.59	45	SSW	5	80	30.29	- 22	51	49	+ 5	WN	5	0	4	52	43	-	
Lorient	30.45	40	SSW	5	80	30.32	- 23	49	47	+ 2	WNW	5	B	3	50	36	-	
Rochefort	30.52	39	?	5	80	30.45	- 22	40	40	+ 4	S	5	0	2	46	30	-	
Biarritz	30.41	50	E	4	G	30.48	- 07	52	45	+ 6	?	5	G	0	55	43	-	
Corunna	*	*	*	*	*	30.51	- 31	47	47	+ 7	?	4	*	47	33	-		
Brussels	*	*	*	*	*	30.06	- 39	38	32	- 12	SSW	5	C	*	47	39	-	
Charleville	730.61	38	W	4	0	730.26	- 30	30	28	- 9	W	5	0	*	40	30	-	
Paris	30.52	36	SE	4	0	30.27	- 28	35	34	+ 1	SE	4	0	*	*	*	-	
Lyons	30.60	35	NE	1	G	30.47	- 35	51	51	0	?	1	G	*	43	31	-	
Toulon	30.34	50	SW	1	G	30.56	- 19	49	41	+ 1	W	1	G	2	51	45	-	
Hawea Junction	28.86	41	WSW	4	?	28.54	- 35	34	34	- 11	W	6	0	*	45	33	0.47	

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; i. 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 Friday,

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 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

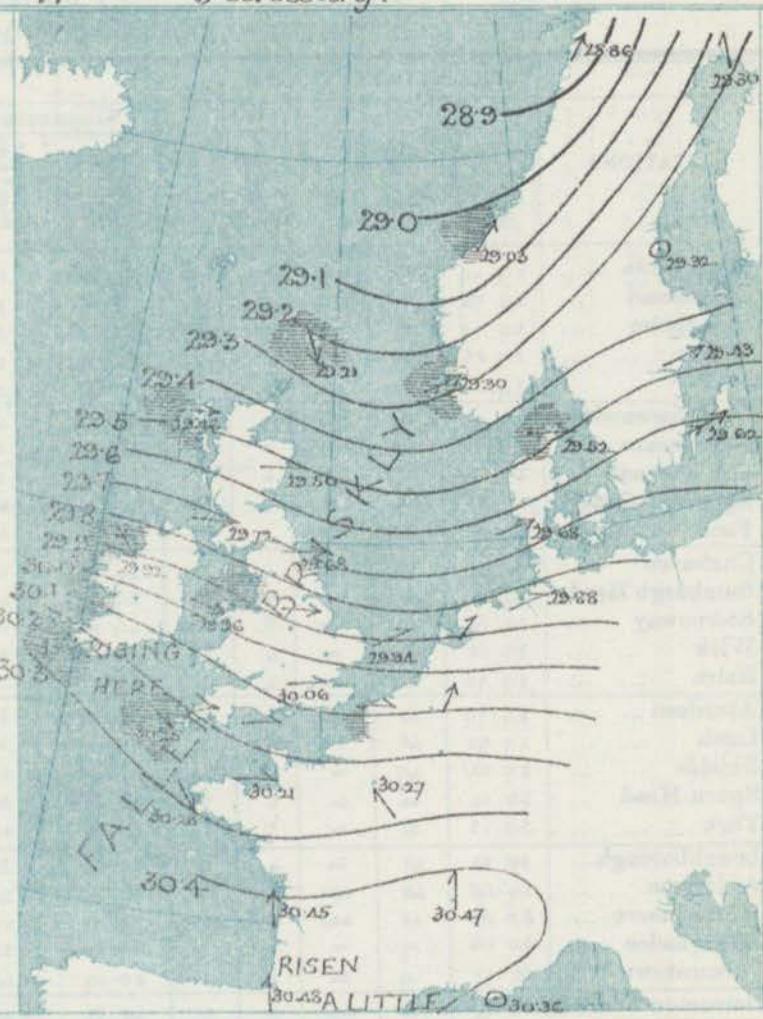
— Rough. — High.

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	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Douglashead	29.828
Holyhead	29.836
Liverpool	29.866
Valencia	29.862
Roche's Point	29.884
Pembroke	29.913
Silby	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.999
Cambridge	29.975
Yarmouth	29.964



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.E. 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 49° at Scilly to 32° at Fair Isle. 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
(Issued at 11 a.m. on the previous day.)

1884.

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	Do..... Do..... Do.....	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	Do..... Do..... Do.....
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.		
Skudenesnaes	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	41	39	WSW	7	b	5	Dover	30.40	47	46	WSW	3	b	2
Aberdeen	29.81	48	43	WSW	4	b	1	London	30.38	52	46	SW	4	c	*
Shields	30.03	53	48	WSW	6	c	2	Yarmouth	30.27	49	46	WSW	0	ba	3
Ardrossan	29.97	47	47	SSW	4	0	3	Jersey	30.51	47	46	SSE	3	be	3
Mullaghmore	30.04	48	46	WSW	5	ov	5	Rochefort	30.61	50	50	E	5	f	2
Holyhead	30.20	50	49	SW	3	ov	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. 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)					
Haparanda	29.13	24	8	4	0	29.21	-0.09	20	20	-1	8	2	0	*	27	?	0.12
Hernösand	29.09	11	2	0	8c	29.18	-1.14	12	12	0	2	0	60	*	25	1	-
Stockholm ...	29.09	35	4	2	0	29.17	-1.26	31	29	-1	NNW	6	0	*	39	?	-
Wisby	29.14	51	WNW	6	0	29.10	-1.52	36	35	-5	N	6	0	*	43	.36	-
Bodö	28.98	35	SW	2	0	29.22	+1.56	35	31	0	N	4	C	2	?	32	-
Christiansund ...	29.18	34	NNW	2	0	29.17	+1.44	32	32	-4	NNW	9	5	6	26	21	-
Skudenesnaes ...	29.86	38	NNW	1	0	29.78	+1.48	36	35	-6	NNW	8	C	5	43	3	-
Oxö (Kulensund) ...	29.25	51	NW	6	0	29.61	+1.18	36	31	-5	NNW	6	6	7	43	36	0.04
Skagen (The Skaw)	29.19	51	NNW	1	0	29.52	-0.00	30	33	-3	NNW	6	6	7	43	36	0.08
Fanö	29.48	51	W	6	0	29.75	+1.01	31	35	-4	NNW	7	60	*	43	36	-
Cuxhaven ...	29.93	59	NNW	6	0	29.74	-1.19	37	31	-2	NNW	1	60	*	44	36	-
Sumburgh Head ...	29.58	51	N	4	8c	29.98	+1.97	39	35	+2	N	5	60	5	40	32	0.08
Stornoway ...	29.92	10	NNW	5	8c	30.23	+1.77	41	40	+2	NNW	4	0	5	41	34	0.22
Wick ...	29.74	58	N	6	8c	30.15	+1.92	35	34	+2	NNW	2	0	2	39	31	0.10
Nairn	29.82	51	NNW	1	0	30.21	+1.70	39	31	+7	NNW	2	0	2	40	32	0.12
Aberdeen ...	29.76	88	NNW	6	0	30.19	+1.64	36	35	0	NNW	4	6	2	40	34	0.16
Leith ...	29.89	50	NNW	3	0	30.28	+1.65	37	35	+2	N	2	NNW	*	40	33	0.05
Shields ...	29.89	39	N	6	0	30.20	+1.62	35	33	-6	N	2	NNW	2	42	34	-
Spurn Head ...	29.89	41	W	1	0	30.26	+1.53	38	31	-5	NNW	5	6	5	44	34	0.08
York ...	29.96	39	NNW	3	0	30.32	+1.51	35	34	-7	NNW	1	6	*	44	34	0.01
Loughborough ...	30.06	40	NW	6	0	30.35	+1.39	39	31	-6	NNW	3	6	2	46	38	0.03
Ardrossan ...	30.02	40	W	4	8c	30.36	+1.64	44	43	+7	NNW	3	6	2	44	36	0.18
Mullaghmore ...	30.25	40	NNW	8	8c	30.50	+1.58	45	44	+6	NNW	5	60	5	46	39	0.06
Donaghadee ...	30.15	40	N	5	0	30.42	+1.59	40	39	+2	N	4	0	2	43	39	0.03
Parsonstown ...	30.35	42	SW	1	0	30.58	+1.51	40	38	-5	Z	0	*	43	36	0.02	
Barrow-in-Furness	30.05	40	NNW	6	8c	30.34	+1.51	41	39	0	NNW	4	8	4	43	38	-
Holyhead ...	30.17	43	NNW	5	0	30.45	+1.49	44	41	-1	NNW	4	60	5	46	38	-
Liverpool (Bidston) ...	30.09	43	W	6	8	30.40	+1.52	41	39	-3	NNW	5	6	4	45	39	0.02
Valencia ...	30.45	46	NNW	5	0	30.63	+1.36	42	42	-5	NNW	1	6	1	49	42	0.02
Roche's Point ..	30.39	44	NNW	5	8	30.59	+1.39	41	39	-3	NNW	3	60	3	49	39	-
Pembroke ...	?	46	NNW	5	0	30.51	+1.42	44	40	-3	NNW	4	8c	4	47	42	0.03
Scilly ...	30.36	49	NNW	2	8c	30.55	+1.50	48	45	-1	NNW	5	6	5	46	36	-
Prawle Point ...	30.35	43	NNW	5	6	30.52	+1.52	38	37	-8	NNW	2	60	4	48	36	0.01
Hurst Castle ...	30.25	43	NNW	6	0	30.46	+1.35	37	36	-9	NNW	4	6	3	49	35	0.07
Dover ...	30.11	40	NNW	5	6c	30.35	+1.21	38	36	-5	NNW	4	6	2	48	37	0.06
London ...	30.16	41	NNW	6	0	30.89	+1.33	56	55	-7	NNW	2	6	*	48	36	0.04
Oxford ...	30.25	59	NNW	5	8	30.41	+1.37	51	51	-1	NNW	2	6	*	47	36	0.05
Cambridge ...	30.13	50	NNW	5	6	30.35	+1.36	56	55	-7	NNW	1	6	*	48	34	0.03
Yarmouth ...	29.94	88	NNW	5	6	30.27	+1.33	56	55	-7	NNW	3	60m	4	45	34	0.01
The Helder ...	29.83	42	W	1	0	30.10	+1.27	42	39	-2	NNW	5	6	4	45	39	-
Cape Griz Nez ...	30.08	43	NNW	8	8c	30.34	+1.25	40	39	-1	NNW	1	6	5	48	39	-
Jersey ...	30.04	48	NNW	5	0	30.49	+1.28	43	40	-4	NNW	3	60m	3	50	42	0.02
Brest ...	?	-	-	-	-	30.50	+1.22	45	41	-6	NE	3	60	4	47	43	-
Lorient ...	30.50	48	NNW	5	6	30.42	+1.20	44	42	-5	NNW	4	6	3	54	41	0.24
Rochefort ...	30.51	50	NNW	4	0	30.58	+1.13	45	43	+5	NNW	5	60	2	54	36	-
Biarritz ...	30.52	55	W	4	6	30.58	+1.07	46	44	-6	SE	3	0	2	50	43	-
Corunna ...	*	*	*	*	*	30.26	+1.20	39	37	+6	SE	5	0	*	45	3	0.04
Brussels ...	*	*	*	*	*	30.29	+1.03	34	35	+4	SE	5	0	*	39	3	0.08
Charleville ...	30.16	39	SE	7	0	30.29	+1.16	39	31	+4	SE	1	60	*	*	*	-
Paris ...	30.32	41	S	14	0	30.43	+1.16	45	43	+2	NNW	4	0	*	52	3	-
Lyon ...	30.38	44	NNW	4	6	30.38	-0.09	39	31	+8	NNW	4	0	*	52	3	-
Toulon ...	?	48	?	5	0	30.16	-1.20	45	39	-14	NNW	8	60	6	59	41	-
Hawes Junction	28.73	85	NNW	3	6c	29.00	+1.55	33	32	-1	NNW	1	6	*	36	31	0.04

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 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 Saturday 12th January.

1884.

BAROMETER, WIND & SEA.

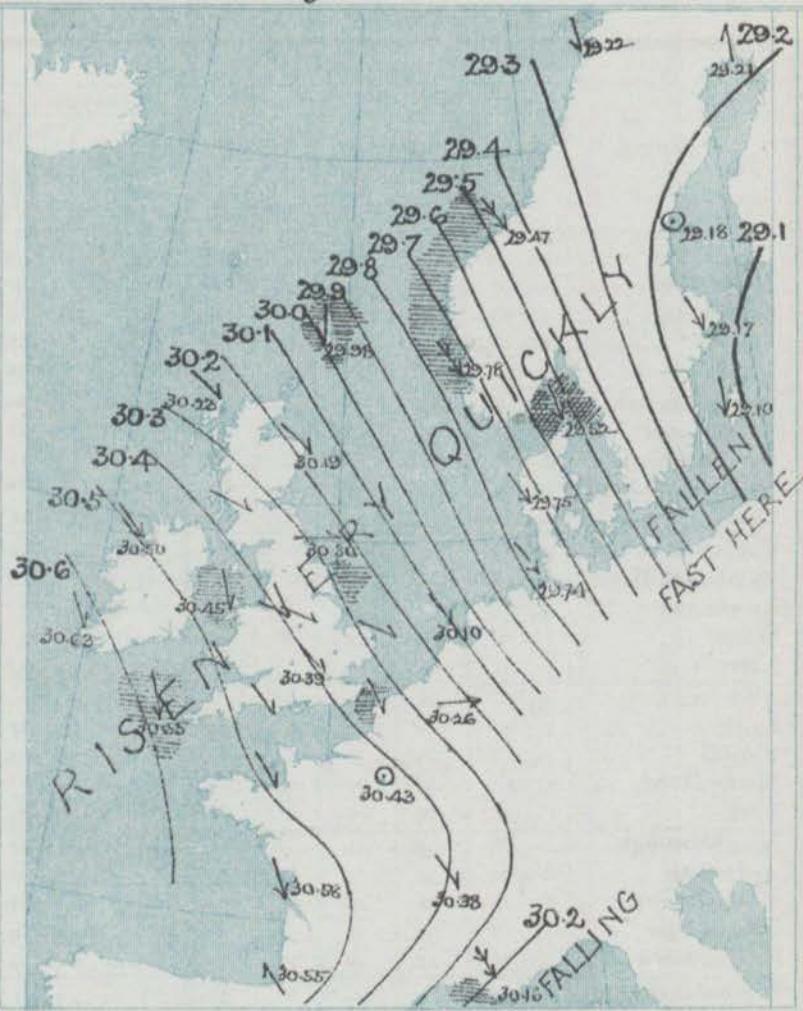
(Explanation of Map)

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 —
 ■→ = force above 10 → = force 8 to 10;
 → = force 5 to 7 → = force 4 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	29.677
Wick	29.697
Nairn	29.729
Aberdeen	29.733
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.917
Douglas	29.928
Holyhead	29.925
Liverpool	29.936
Valentia	29.952
Roche's Point	29.953
Pembroke	29.953
Sally	29.953
Hurst Castle	29.956
Dover	30.002
LONDON	29.957
Oxford	29.954
Cambridge	29.956
Yarmouth	29.961



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 SE^W direction, and the barometer has risen briskly in all parts of Western Europe. The eastern edge of an anticyclone in which readings exceed 30 cms. bar appeared off the south-west of Ireland, and gradients for NW^W winds prevail over the whole of our area. Moderate or fresh NW^W 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 35° at Kirk, Sheld and York. In London the thermometer on the grass fell last night to 26°. The sea is rather rough on some of the more exposed parts of our coast, 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 8 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	NW ^W to W ^W winds, "evening"; rain to continue and heavy.	6 { SCOTLAND WEST	NW ^W winds, moderate, fair generally.
1 { SCOTLAND EAST	NW ^W and W ^W 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. 5
3 { ENGLAND EAST	Same as No. 5.	9 { IRELAND NORTH	Same as No. 5
4 { MIDLAND COUNTIES	Same as 5.	10 { IRELAND SOUTH	Same as No. 5
5 { ENGLAND SOUTH	NW ^W winds, light or moderate; fine, cold, wet fogs.	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	6	Valencia	30.37	45	140	NW	6	cmp	6
Sumburgh Head	29.31	38	35	NNN	5	c	5	Scilly	30.32	50	40	NNW	8	c	6
Stornoway	29.71	34	39	NNW	6	bfg	5	Dover	30.01	40	42	W	5	b	3
Aberdeen	29.60	39	36	W	4	b	1	London	30.05	41	39	W	5	cq	*
Shields	29.72	40	36	W	7	bc	2	Yarmouth	29.85	41	39	NNW	6	cq	3
Ardrossan	29.85	41	40	W	6	1	4	Jersey	30.28	43	45	NNW	5	0	4
Mullaghmore	30.12	44	40	NN	8	cq	7	Rochefort	30.47	51	53	W	4	0	2
Holyhead	30.44	43	39	NN	6	bfg	6								

REMARKS.

The barometer is rising at all but our SE-stations, and the wind is veering to the NW². At Mullaghmore and Scilly there is a fresh NW³ gale. Thunder, lightning and sleet are reported at Kirk, 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, 106, 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.		
			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	0	*	21	?	-
Hernösand ...	29.51	27	Z	0	b	29.73	+ .55	26	24	- 14	Z	0	b	*	28	3	-
Stockholm ...	29.46	30	NNW	6	o	29.78	+ .61	26	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	YY	2	o	29.64	+ .42	36	30	- 1	W	4	c	*	36	32	-
Christiansund ...	29.85	35	NNW	4	o	29.78	+ .24	26	24	- 4	WSW	4	o	5	26	28	0.55
† Skudenesaes ...	30.02	38	NW	4	s	30.04	+ .24	39	36	- 3	SW	4	r	4	39	34	-
Oxö (Xtiansund) ...	29.85	36	NW	6	o	30.05	+ .14	34	31	- 2	W	2	c	1	39	30	-
Skagen (The Skaw)	29.76	29	NNW	6	b	30.04	+ .35	35	32	- 4	NNW	2	b	2	39	34	-
Fanö	29.96	37	NNW	6	b	30.15	+ .43	38	32	- 5	NN	2	*	*	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	NN	4	b	4	34	0.03	-
† Stornoway ...	30.25	44	W	3	o	30.18	- .05	44	48	+ 3	W	4	d	3	45	39	0.05
Wick	30.14	42	NW	3	bc	30.13	- .02	42	41	+ 7	NW	2	b	1	44	35	0.03
Nairn	30.24	43	NNW	2	c	30.20	- .01	48	41	+ 4	WSW	3	b	2	46	39	-
† Aberdeen	30.21	42	W	3	c	30.21	+ .02	43	41	+ 7	W	2	b	1	45	35	-
Leith	30.29	43	NNW	3	b	30.26	- .02	44	42	+ 7	W	2	b	4	45	36	-
† Shields	30.30	42	NNW	4	b	30.33	+ .03	45	43	+ 10	NN	3	o	4	46	35	-
Spurn Head ...	30.31	41	NNW	4	b	30.35	+ .04	48	47	+ 5	W	4	c	4	43	36	-
York	30.35	40	NW	1	b	30.39	+ .07	43	42	+ 8	W	1	o	*	46	34	0.04
Longborough ...	30.42	41	NNW	2	o	30.44	+ .07	44	42	+ 5	W	2	o	2	47	42	0.02
† Ardrossan ...	30.35	45	W	3	o	30.35	- .01	46	45	+ 2	NN	5	adm	4	45	45	0.05
† Mullaghmore ...	30.50	47	W	4	o	30.44	- .04	45	45	0	NNW	2	c	0	46	39	-
Donaghadee ...	30.46	45	NNW	3	o	30.43	+ .01	44	44	+ 4	NNW	2	c	0	47	36	-
Parsonstown ...	30.56	45	W	1	o	30.54	- .04	42	41	+ 4	S	1	o	*	47	36	-
Barrow-in-Furness	30.41	44	NNW	2	o	30.42	+ .08	45	44	+ 4	NNW	3	o	3	46	40	0.01
† Holyhead ...	30.58	46	NNW	3	e	30.58	+ .05	45	44	+ 1	W	4	o	3	46	41	-
Liverpool (Bidston)	30.44	44	W	4	o	30.44	+ .04	44	43	+ 3	W	4	o	3	45	41	0.05
† Valencia	30.63	42	NNNW	2	b	30.58	- .05	48	48	+ 1	Z	0	c	1	42	41	-
Roche's Point ...	30.61	47	NW	3	bc	30.58	- .04	48	44	+ 2	NNW	2	b	3	42	40	-
Pembroke ...	30.56	45	NNW	3	b	30.54	+ .03	46	48	+ 2	W	4	o	3	47	41	-
† Scilly	30.58	48	N	4	e	30.59	+ .04	48	48	- 0	NNW	4	o	4	49	45	-
Prawle Point ...	30.57	39	NNW	2	b	30.56	+ .04	42	41	+ 4	NNW	2	c	2	50	36	-
Hurst Castle ...	30.50	41	NW	3	b	30.53	+ .07	41	40	+ 5	NNW	3	c	2	46	36	-
† Dover	30.60	40	NW	3	b	30.68	+ .15	43	40	+ 5	NNW	3	bc	1	40	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	e	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	4	41	31	-
The Helder ...	30.19	42	NW	7	r	30.30	+ .23	39	39	- 3	SSW	1	o	1	43	39	0.12
Cape Griz Nez ...	30.40	45	NW	5	b	?	?	40	41	+ 3	NN	5	o	4	48	39	-
† Jersey	30.53	44	N	2	bc	30.59	+ .10	42	41	- 1	NW	2	b	2	46	41	-
Brest	30.57	43	NE	3	b	30.61	+ .11	45	43	- 0	NE	1	o	3	42	37	-
Lorient	30.55	46	N	4	bc	30.65	+ .13	43	41	- 1	N	3	o	2	40	37	-
† Rochefort ...	30.59	45	NNE	4	c	30.68	+ .10	36	36	- 9	ENE	4	b	2	42	30	-
Biarritz	30.54	49	NE	5	r	30.59	+ .04	36	36	- 10	E	3	b	4	37	34	-
Corunna	*	*	*	*	*	30.57	- .13	47	46	+ 11	ENE	1	b	5	35	34	-
Brussels	*	*	*	*	*	30.42	+ .17	39	39	0	W	4	c	*	40	36	-
Charleville ...	No observations					30.39	+ .19	36	34	+ 2	W	2	c	*	37	30	-
Paris	30.49	42	W	4	c	30.57	+ .14	37	36	- 2	NNW	3	m	*	38	31	-
Lyons	30.43	37	N	3	o	30.56	+ .18	32	32	- 7	NN	4	c	*	37	32	-
Toulon	30.14	43	NN	7	bc	30.38	+ .16	39	36	- 6	? SW	3	bc	3	50	36	-
HIGH LEVEL STATION.																	
Hawes Junction	29.12	39	NW	1	b	29.14	+ .05	40	40	+ 7	W	4	o	*	40	22	-

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. frosty (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 13th January

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

Wind — *Clouds since previous morning are stated in words. Arrows show the prevalent winds. They fly with the wind and their herbs and feathers refer to force thus —*

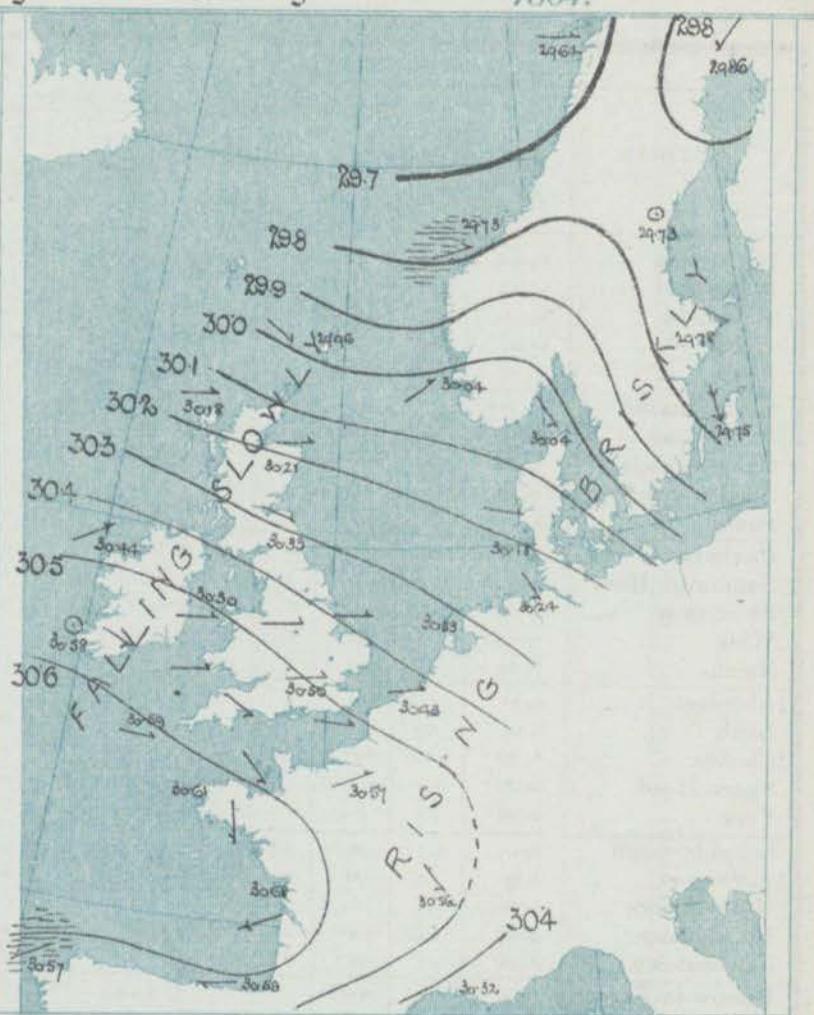
\rightarrow - forces above 10; \rightarrow + forces 8 to 10;
 \longrightarrow - forces 5 to 7; \longrightarrow + forces 1 to 4;
 (0) = dead calm.

Sea Disturbance— where considerable is shown thus
in *Breach* — *Rock*

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 - 817
Donaghadee	29 - 828
Ballyhead	29 - 825
Liverpool	29 - 806
Valencia	29 - 852
Rocke's Point	29 - 883
Pembroke	29 - 913
Silby	29 - 953
Hurst Castle	29 - 975
Dever	30 - 002
LONDON	29 - 987
Oxford	29 - 974
Cambridge	29 - 975
Yarmouth	29 - 864



**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.

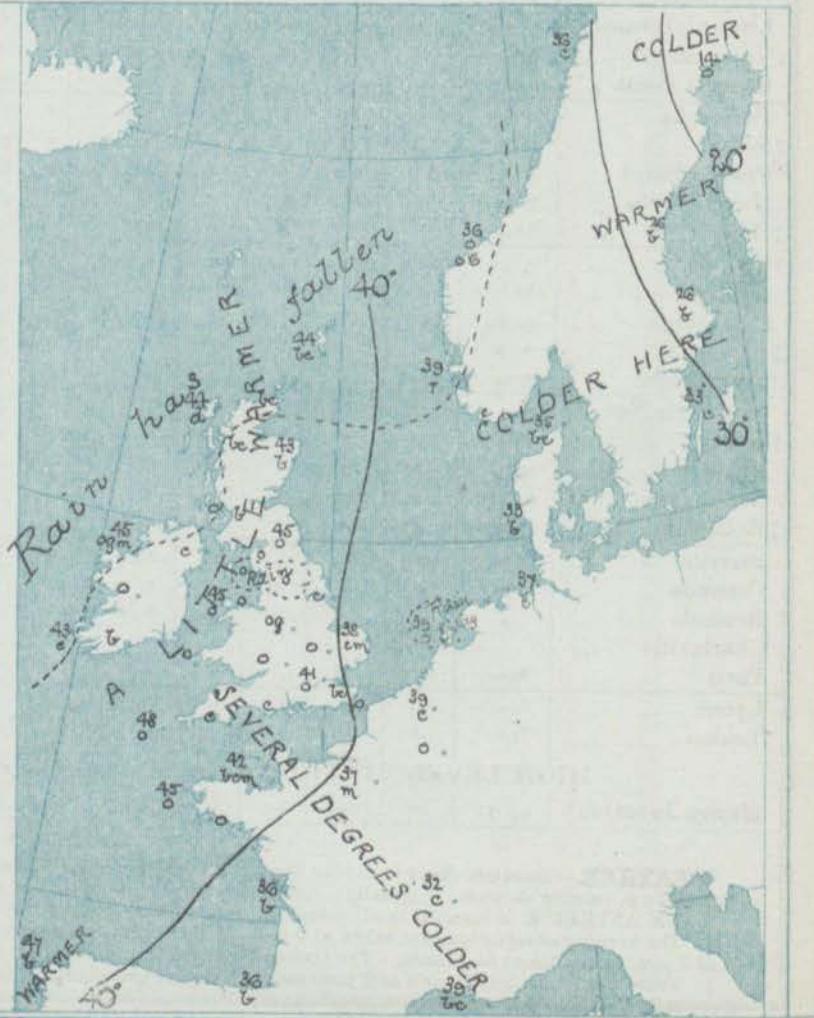
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.50 in. or more, are quoted in figures.

**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
Sternoway	38·9	37·6	5·28
Wick	37·9	36·5	4·80
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	36·8	35·9	1·88
Ardrossan	40·1	38·4	4·86
Donegalhead	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	48·1	42·0	5·68
Pembroke	42·8	41·3	4·10
Scilly	46·5	45·0	4·24
Burst 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 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 S.E.nd 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 E^W, but elsewhere it is generally W^N, 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 48° 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		6 { SCOTLAND WEST	
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.		8 { ENGLAND S.W.	
3 { ENGLAND EAST		9 { IRELAND NORTH	
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH		WARNINGS	

ISSUED

No N.E.

ISSUED

No N.E.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudenesnaes	29.98	44	32	N	7	shg	5	Valencia	30.64	51	48	NNW	2	0	2
Sumburgh Head	30.08	38	24	NNW	3	b	4	Scilly	30.57	48	44	N	4	c	5
Stornoway	30.26	45	44	W	4	c	3	Dover	30.38	42	39	NNW	4	b	2
Aberdeen	30.21	42	40	NNW	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	30.52	46	43	N	5	o	2
Holyhead	30.49	40	43	NNW	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 backling 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 8 a.m. Sea Level.		WIND.			BAROMETER.		SHADE TEMP.			WIND.		SHADE TEMP.				
	Temp. in Shade.	Dir.	Force (0 to 12)	Weather	Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12)	Weather	Sea. (0 to 9).	Max.	Min.	Amount of Rainfall.	
Hägaranda	29.79	18	N.E.	2	0	29.76	-10	12	12	-1	S.E.	12	0	*	18	12	-
Hernösand	29.80	12	S.	0	6e	29.81	+12	30	30	+4	S.E.	6	3	*	?	?	-
Stockholm	29.88	28	N	2	6	29.76	-02	25	24	-1	S.E.	2	1	*	30	21	-
Wisby	29.88	32	N.W.	6	2	29.86	+14	52	52	-1	W.	12	0	*	34	30	-
Bodö	29.54	26	E.N.E.	4	6	29.13	-21	29	27	-1	E.	8	5	*	?	25	-
Christiansund	29.67	43	W.N.W.	7	1	29.40	-33	41	39	+5	N.W.	8	1	5	43	32	0.49
Skudenesnaes	29.91	43	W.N.W.	2	1	29.78	-26	45	44	+6	W.N.W.	4	1	4	45	?	0.24
Oxö (Xulansand)	29.96	39	N	4	0	29.80	-25	41	40	+1	S.W.	6	1	3	?	?	-
Skagen (The Skaw)	29.93	57	N.W.	2	0	29.84	-20	41	41	+6	V.W.W.	6	0	5	41	32	0.04
Fanö	30.12	40	N	4	0	30.06	-12	41	40	+8	N.E.	4	1	*	41	?	0.04
Cuxhaven	30.17	40	N.S.W.	2	0	30.11	-13	41	41	+4	W.	3	1	*	41	36	0.02
Sumburgh Head	29.95	46	N	5	0	29.60	-16	45	41	+1	W.N.W.	5	0	5	47	42	0.04
Stornoway	30.11	16	S.W.	5	0d	30.09	-09	44	42	0	W.N.W.	4	1	4	49	41	0.09
Wick	30.07	42	N.W.	3	6e	30.00	-13	43	42	+1	W.N.W.	3	8e	2	46	37	-
Nairn	30.13	45	S.W.	4	0	30.06	-14	47	45	+4	W.	4	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	N	4	6e	30.14	-12	50	48	+6	W.	4	0	3	50	43	-
Shields	30.24	45	N.N.E.	4	6	30.18	-15	49	46	+2	W.	5	0	4	47	42	-
Spurn Head	30.33	44	N	4	6e	30.28	-07	48	42	0	W.	4	0	4	45	40	-
York	30.36	45	N	3	0	30.30	-04	46	45	+3	W.	3	0	*	47	43	-
Loughborough	30.42	44	W.N.W.	3	0	30.38	-06	44	42	0	W.S.W.	3	0	*	47	41	-
Ardrossan	30.33	46	N	3	0	30.22	-13	49	48	+5	W.	4	0	3	49	44	0.02
Mullaghmore	30.41	45	N.S.W.	5	0d	30.39	-05	49	48	+4	W.S.W.	5	0	2	49	44	0.02
Donaghadee	30.40	45	N.W.	3	6e	30.33	-10	50	49	+6	W.W.	2	0	0	50	42	-
Parsonstown	30.49	44	S.S.W.	1	0	30.46	-08	50	49	+8	S.W.	1	0	6	50	41	0.02
Barrow-in-Furness	30.38	45	N	3	0	30.32	-10	46	45	+1	S.W.	3	0	3	46	44	0.03
Holyhead	30.46	45	W.N.W.	3	0	30.41	-09	47	47	+2	W.	2	0	3	48	43	-
Liverpool (Bidston)	30.48	45	N	3	0	30.55	-09	47	46	+3	W.	5	0	4	47	43	-
Valencia	30.54	47	W.N.W.	2	6e	30.57	-01	51	51	+8	N.W.	3	0	3	52	42	0.06
Roche's Point	30.56	46	N	3	2	30.52	-06	49	48	+6	W.	1	0	3	50	43	-
Pembroke	30.50	46	W.N.W.	3	0	30.48	-06	48	47	+2	W.	5	0	3	48	45	-
Scilly	30.54	47	N	4	6e	30.54	-05	48	46	0	N.W.	3	0	4	49	45	0.01
Prawle Point	30.57	44	N	1	0	30.53	+08	42	41	0	W.N.W.	1	6	1	45	38	-
Hurst Castle	30.50	44	W.N.W.	3	0	30.50	-03	42	42	+1	W.N.W.	2	6e	2	46	40	-
Dover	30.45	44	W.N.W.	2	6e	30.44	-04	42	40	-1	W.N.W.	3	6e	1	47	41	-
London	30.45	42	N	1	0m	30.45	-05	41	40	0	W.	2	0	*	45	41	-
Oxford	30.48	44	N	2	0	30.45	-05	41	40	0	W.	1	0g	*	45	40	-
Cambridge	30.46	42	N.	1	0	30.41	-03	42	40	0	W.N.W.	1	6	*	45	40	-
Yarmouth	30.37	43	W.N.W.	2	0	30.35	-05	41	40	+3	W.	2	6e	2	43	36	-
The Helder	30.31	42	N	1	6	30.27	-06	42	41	+3	W.N.W.	1	0	2	42	39	0.04
Cape Griz Nez	30.45	45	N.W.	5	0	30.42	?:	44	41	+1	W.	4	0	2	46	41	-
Jersey	30.54	47	W.N.W.	2	0	30.52	-07	40	44	+4	N.W.W.	1	0	1	47	42	0.04
Brest	30.60	46	N	4	0	30.57	-04	45	43	+1	W.	3	0	3	48	45	0.04
Lorient	30.50	46	W.N.W.	3	0	30.59	-06	44	42	+1	W.	3	0	?	50	36	-
Rochefort	30.61	44	N.W.E.	3	6e	30.63	-05	43	42	+7	N.E.	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	*	*	*	*	*	30.60	-03	42	41	+3	N.W.W.	1	0	*	43	?	-
Brussels	*	*	*	*	*	30.50	-03	40	41	+4	N.W.W.	1	5	0	*	?	-
Charleville	30.50	58	?	4	0	?	?	40	40	+4	?	5	0	*	?	?	-
Paris	30.53	42	N.W.	1	0	30.54	-03	44	42	+7	N.W.	3	0	*	*	*	-
Lyons	30.54	57	N.W.W.	1	0	30.50	-06	36	34	+4	N.W.W.	5	0	*	39	?	-
Toulon	30.54	44	N.W.	3	6	30.59	+07	42	39	+3	E.	1	6e	2	50	39	-
Hawes Junction	29.10	40	N	3	0	29.03	-11	43	43	+3	N.W.W.	4	+	*	43	39	0.03

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).

WEATHER

for 8 a.m. on Monday.

CHARTS

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 bars 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

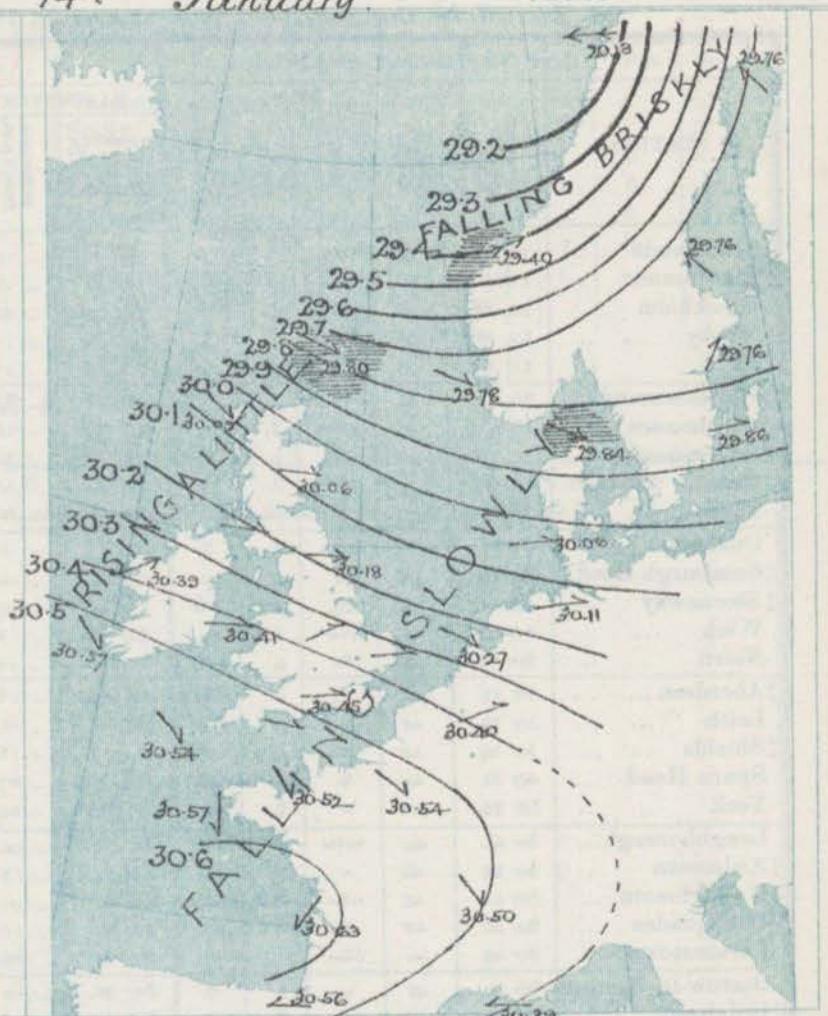
— Rough. — High

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	29.66
Stornoway	29.65
Wick	29.69
Nairn	29.72
Aberdeen	29.73
Leith	29.81
Shields	29.86
York	29.91
Ardrossan	29.97
Douglashead	29.98
Holyhead	29.95
Liverpool	29.96
Valencia	29.95
Roche's Point	29.93
Pembroke	29.93
Solent	29.93
Burst Castle	29.95
Dover	30.02
LONDON	29.98
Oxford	29.94
Cambridge	29.95
Yarmouth	29.94



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.

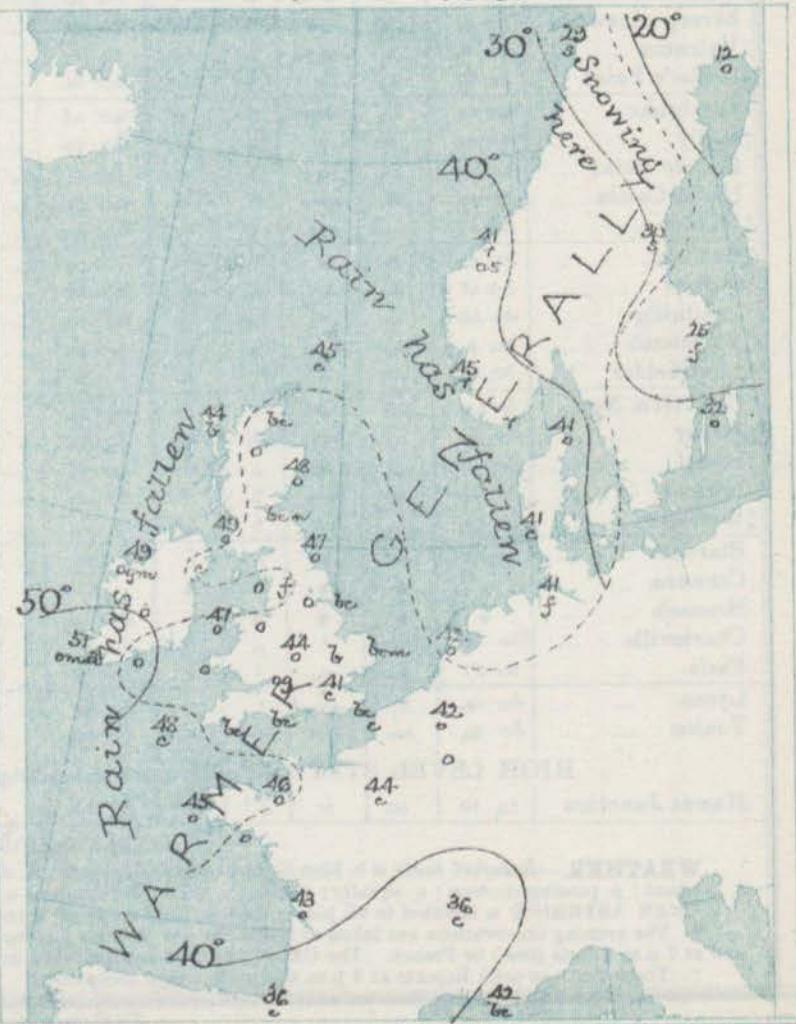
Falls of 0.5 in. or more, are quoted in figures.

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	3.22
Stornoway	38.9	37.6	5.26
Wick	37.9	36.5	1.80
Nairn	36.9	35.3	1.09
Aberdeen	37.3	36.7	2.42
Leith	38.2	37.7	1.82
Shields	37.5	36.6	1.98
York	36.9	35.9	1.88
Ardrossan	40.1	39.4	4.86
Douglashead	39.7	38.8	3.03
Holyhead	41.7	40.3	3.73
Liverpool	38.9	37.8	2.46
Valencia	44.1	43.3	7.22
Roche's Point	48.1	42.0	5.68
Pembroke	42.5	41.3	4.10
Solent	46.5	45.0	4.28
Burst Castle	40.7	40.0	2.38
Dover	39.6	38.4	3.85
LONDON	36.1	37.1	2.41
Oxford	37.6	36.6	2.63
Cambridge	36.5	35.7	2.64
Yarmouth	35.8	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 14th January

1884, at 8 a.m.

Since yesterday morning the anticyclone off our south-west coast has receded a little to the S.E.rd, 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 S.E.rd 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 northwest. 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 Bodø and Henningsund and rain at Christiansund, Skudeneshavn and Oslo. Temperature has risen a little generally, and readings now range from 5° at Valencia to 41° at Oxford, Yarmouth and in London.

The sea is rather rough at Sumburgh 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.rd 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. rd winds, fresh or strong; fair to unsettled and some rain.	6 { SCOTLAND WEST	W. rd and SW. rd winds, moderate or fresh; cloudy, some rain.
1 { SCOTLAND EAST	W. rd 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. rd or NW. rd 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. rd winds, moderate; fair generally.	WARNINGS	NONE ISSUED.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudenesnaes	29.96						Valencia						
Sumburgh Head		44	13	W N W	4	8	Scilly						
Sternoway							Dover						
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						*
Mullaghmore							Rochefort	29.96	47	45	SW	3	6
Holyhead													1

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.		Shade Temp. (0 to 9).	Max.	Min.	Amount of Rainfall.		
			Dir.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dif.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)					
Haparanda	29.66	5	S	6	60	29.77	+ 01	7	7	- 5	ESE	2	S	*	12	5	0.12
Hernösand ...	29.39	2	Z	0	0	29.67	+ 06	51	50	+ 1	NW	2	Ge	*	?	7	0.12
Stockholm ...	29.39	33	H	2	8	29.70	- 06	31	29	+ 6	N	4	G	*	34	19	0.12
Wisby ...	29.42	37	NW	6	1	29.61	- 25	36	34	+ 4	N	8	Ge	*	39	32	0.20
Bodö	29.24	19	E	4	80	29.57	+ 44	33	31	+ 4	NNW	6	C	*	?	27	-
Christiansund ...	29.61	40	NNW	7	0	29.84	+ 44	35	34	- 6	SW	4	S	*	32	32	0.24
Skudesnaes ...	?	42	NNW	8	0	30.08	+ 30	40	39	- 5	Z	0	O	*	3	45	?
Oxö (Xtiansund) ...	29.76	12	NNW	6	G	30.04	+ 24	40	36	- 1	H	4	C	2	45	39	-
Skagen (The Skaw)	29.70	40	NNW	6	G	29.99	+ 15	39	36	- 2	NNW	8	G	4	45	39	-
Fanö ...	29.97	41	H	5	G	30.14	+ 08	40	39	- 1	NNW	5	G	*	41	39	0.04
Cuxhaven ...	29.93	41	H	5	60	30.18	+ 07	41	41	0	NW	5	C	*	43	37	0.02
Sumburgh Head	30.00	43	NNW	1	G	30.09	+ 29	46	45	+ 1	H	4	O	*	49	40	0.04
Stornoway ...	30.21	48	H	4	0m	30.55	+ 26	48	48	+ 4	H	4	0m	3	48	40	0.01
Wick ...	30.15	44	NW	3	0	30.50	+ 30	47	46	+ 4	H	1	O	1	48	40	-
Nairn ...	30.21	47	H	5	0	30.34	+ 31	47	45	0	H	2	C	1	48	45	0.02
Aberdeen ...	30.22	45	NW	3	0	30.34	+ 28	49	45	+ 1	NNW	5	G	2	51	45	-
Leith ...	30.29	49	H	5	60	30.44	+ 30	47	45	- 3	NN	5	Ge	*	52	45	-
Shields ...	30.31	49	H	5	6m	30.42	+ 24	47	45	0	H	5	Ge	2	51	45	-
Spurn Head ...	30.29	46	H	4	G	30.44	+ 16	44	44	+ 1	NNW	4	Bew	3	49	41	-
York ...	30.33	48	H	1	60	30.49	+ 19	44	43	- 2	H	1	G	*	52	43	-
Loughborough ...	30.31	49	NNW	4	0	30.52	+ 14	48	46	+ 4	NNW	4	cm	*	51	43	-
Ardrossan ...	30.35	48	H	4	0	30.53	+ 31	48	47	- 1	H	2	O	2	49	45	-
Mullaghmore ...	30.51	48	H	5	nm	30.62	+ 23	46	46	- 3	NNW	2	nm	2	49	44	0.07
Donaghadee ...	30.46	50	NNW	5	0	30.59	+ 26	46	45	- 4	NN	2	O	0	50	46	-
Parsonstown ...	30.55	49	NNW	1	0	30.67	+ 21	45	44	- 5	NN	1	O	*	51	46	-
Barrow-in-Furness	30.39	46	NNW	3	60	30.65	+ 23	46	45	0	NN	2	nm	3	48	45	-
Holyhead ...	30.46	49	NNW	3	0	30.61	+ 20	46	45	- 1	NNW	2	O	3	50	45	-
Liverpool (Bidston) ...	30.42	47	H	4	0	30.59	+ 22	45	45	- 2	H	3	O	3	48	45	-
Valencia ...	30.62	50	NW	2	0m	30.68	+ 11	48	48	- 3	H	1	nm	1	53	49	0.05
Roche's Point ...	30.58	50	NNW	4	C	30.60	+ 14	49	46	- 2	NNW	3	O	3	53	46	-
Pembroke ...	30.52	49	NNW	2	0	30.61	+ 13	49	47	- 1	H	1	CW	2	50	46	-
Scilly ...	30.54	50	NW	4	0f	30.62	+ 08	50	46	+ 2	NNW	2	O	4	50	46	0.01
Prawle Point ...	30.51	48	NW	2	0	30.62	+ 09	49	46	+ 5	NNW	1	O	1	48	40	0.01
Hurst Castle ...	30.49	46	NNW	3	60	30.59	+ 09	49	46	+ 5	NNW	1	C	2	44	41	-
Dover ...	30.33	49	NNW	2	C	30.54	+ 10	46	43	+ 2	H	3	Ge	1	48	41	-
London ...	30.41	48	H	2	C	30.56	+ 11	43	42	+ 2	Z	0	fog	*	50	39	-
Oxford ...	30.45	50	NSW	4	0	30.56	+ 11	49	48	+ 8	H	2	C	*	50	41	-
Cambridge ...	30.42	48	H	1	0	30.53	+ 12	43	43	+ 1	NN	1	O	*	50	40	-
Yarmouth ...	30.29	47	NNW	3	0	30.48	+ 13	40	39	- 1	NNW	2	Gf	2	47	38	-
The Holder ...	30.21	44	NNW	2	A	30.38	+ 11	43	42	+ 1	NN	1	Ge	2	45	43	0.08
Cape Griz Nez ...	30.38	46	H	5	0	?	?	45	45	+ 1	NN	4	m	3	46	43	-
Jersey ...	30.53	48	NNW	3	0g	30.58	+ 06	49	49	+ 3	NNW	2	nm	2	49	44	-
Brest ...	30.58	47	NE	3	0	30.58	+ 01	44	?	- 1	NE	1	O	3	50	41	-
Lorient ...	30.56	47	NNW	3	0	30.60	+ 01	47	46	+ 3	NN	3	O	1	50	41	-
Rochefort ...	30.50	46	NNE	4	0	30.65	+ 02	46	45	+ 3	H	3	O	2	50	38	-
Biarritz ...	30.51	45	NE	1	0	30.58	+ 02	43	41	+ 1	E	1	O	1	55	32	-
Corunna ...	*	*	*	*	*	?	?	?	?	?	?	?	*	?	46	37	0.08
Brussels ...	*	*	*	*	*	30.45	+ 05	43	42	+ 1	NW	3	O	*	?	39	0.08
Charleville ...	30.45	38	H	4	0	? 30.42	?	44	40	+ 4	H	5	O	*	?	39	-
Paris ...	30.56	46	NNW	3	A	30.58	+ 04	49	46	+ 3	NNW	3	O	*	*	*	-
Lyons ...	30.50	40	NNW	3	0	30.50	- 00	39	37	+ 3	NN	1	O	*	42	?	-
Toulon ...	30.39	46	Z	0	60	30.34	- 05	40	36	- 2	NN	4	C	2	52	37	-
Hawes Junction	29.12	45	H	3	0	29.26	+ 23	42	42	- 1	H	2	O	*	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; i. 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, 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 these bars and feathers refer to force, thus —

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

○ = dead calm.

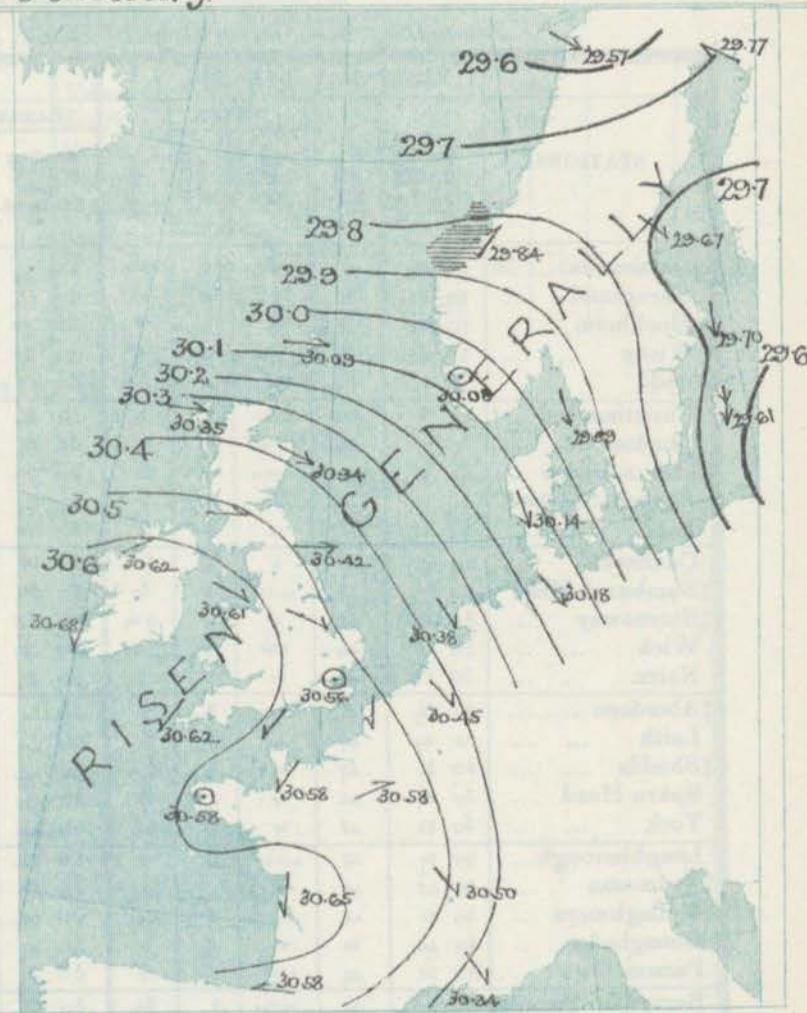
Sea Disturbance — where considerable is shown thus
— Rough, — High.

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.	29.661
Stornoway	29.657
Wick	29.699
Nairn	29.729
Aberdeen	29.763
Leith	29.818
Shields	29.867
York	29.946
Ardrosson	29.977
Donaghadee	29.928
Holyhead	29.925
Liverpool	29.906
Valencia	29.852
Rockes Point	29.863
Pembroke	29.913
Scilly	29.958
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.

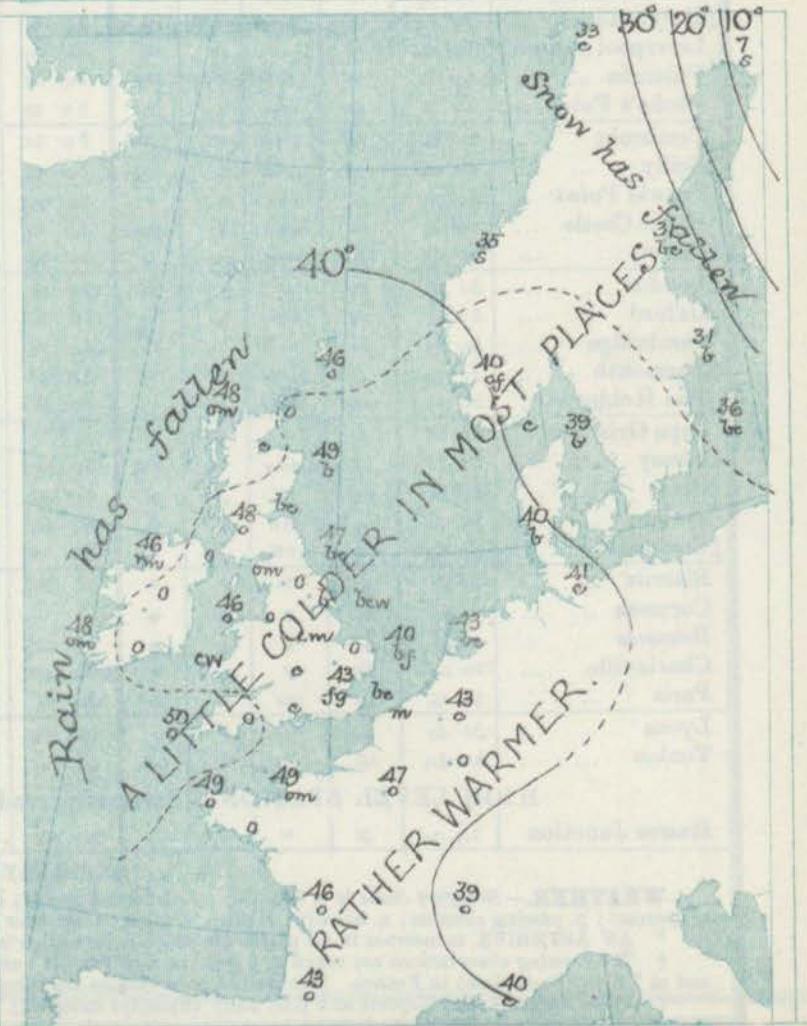
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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	36.3	3.72
Stornoway	30.9	37.6	6.28
Wick	37.9	36.5	7.80
Nairn	36.8	35.3	1.09
Aberdeen	37.3	36.7	2.42
Leith	36.2	37.2	2.02
Shields	37.5	36.6	1.88
York	36.9	35.9	1.88
Ardrosson	40.1	36.4	4.86
Donaghadee	29.7	38.6	3.03
Holyhead	31.7	40.3	8.73
Liverpool	36.9	37.3	2.45
Valencia	44.1	43.3	7.22
Rockes 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	39.0	3.78
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	1.81
Yarmouth	31.8	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 15th January 1884. at 8 a.m.

The depression noticed over the north of Scandinavia yesterday has travelled away in a south-easterly direction, and the barometer has consequently risen at almost all our stations. Over our west coasts and the Bay of Biscay there is now an irregularly shaped area of high pressure in which readings exceed 30.6 in. The wind is W^{ly} on all our more northern coasts, but at the southern and most of the Continental stations it is NW^{ly} or N^{ly} ; in force it is generally light or moderate. The weather is fine on the east and south-east coasts of Great Britain, and also on the eastern shores of the North Sea, but overcast elsewhere, with rain at Mullaghmore. Temperature has fallen slightly in most parts of our Islands, and readings now range from 50° at Scilly to 40° at Farnmouth. During yesterday the thermometer rose above 50° at several of our stations. The sea is rather rough at Lumbergh Head, slight or smooth elsewhere.

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.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	W^{ly} Winds, fresh or strong; dull, probably some rain.	6 { SCOTLAND WEST	NW^{ly} and W^{ly} winds, moderate; dull generally.
1 { SCOTLAND EAST	W^{ly} or NW^{ly} winds, moderate; fair generally.	7 { ENGLAND N.W.	----- Do ----- Do ----- Do -----
2 { ENGLAND N.E.	----- Do ----- Do ----- Do -----	8 { ENGLAND S.W.	Same as No 5.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	W^{ly} winds, moderate or fresh; dull, some rain.
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	N^{ly} and NW^{ly} winds, light; cloudy generally.
5 { ENGLAND SOUTH	Light breezes, chiefly NW^{ly} ; cloudy, local fogs, rather cooler.	WARNINGS	NONE ISSUED.

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudenesaes	29.81	44	41	WNW	6	0	4	Valencia	30.60	52	52	NNW	3	0 m	3
Sumburgh Head	29.90	44	40	NNW	5	0	6	Scilly	30.54	40	50	NNW	3	0	4
Stornoway	30.19	46	44	W	4	0 m	3	Dover	30.59	47	45	W	3	0	1
Aberdeen	30.14	47	44	NW	4	80	1	London	30.41	50	26	W	3	0 m	*
Shields	30.20	51	48	W	4	bcm	2	Yarmouth	30.30	46	45	NNW	3	0 m	3
Ardrossan	30.30	49	48	W	5	0	3	Jersey	30.52	49	47	NW	2	80	2
Mullaghmore	30.46	48	48	W	4	0 m	3	Rochefort	30.62	46	45	NNE	4	0	2
Holyhead	30.43	49	48	NNW	3	0	4								

REMARKS.

The barometer is rising at all but our SE 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 W. 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 am on the 6th; and having reached that position began to move in an E⁴ & S⁴ direction, till at 6 pm on the 7th it was found near Kirby, & 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 fair, and bright sunsets & sunrises were again observed. On the 8th pressure was highest (30.7 in.) in the N.W. of Spain, and lowest off our N.W. coast, but a second (and feeble) high pressure area appeared to be lying within the Arctic Circle. The low pressure system in the N.W. gradually advanced to the NE^{1/2} & E^{1/2}, 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. & N.E., 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 E⁴ direction, the barometer rose rapidly - first in the W. & then in the N.; the wind again veered to the NW^{1/2} generally, temperature fell fast, snow showers occurred in the N., & hail or rain showers elsewhere. The sky then cleared & with this (NW⁴) 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.

STATIONS.	YESTERDAY EVENING.					8 A.M. TO DAY.								PAST 24 HOURS.			
	Barometer at 8 a.m. Sea Level.		WIND.		Weather	BAROMETER.		SHADE TEMP.		WIND.		Weather	Shade (8 a.m.)	Max.	Min.	Amount of Rainfall.	
	Temp. in Shade.	Dir.	Force (0 to 12)	Wind		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)	Sig. (8 a.m.)				
Haparanda	29.65	10	S	2	0	29.61	- 10	10	10	+ 3	E	2	S	*	10	1	0.04
Hernösand	29.64	31	SSE	6	6	29.56	- 11	37	34	+ 6	NE	6	E	*	?	14	0.04
Stockholm	29.84	26	SW	2	6	29.71	+ 01	34	32	+ 3	W	4	G	*	36	25	-
Wisby	29.86	35	NW	6	6	29.75	+ 14	40	38	+ 4	WNW	8	G	*	?	34	-
Bodö	29.25	29	E	8	9	29.52	- 05	32	31	- 1	W	8	S	5	?	25	-
Christiansund	29.71	?	NNW	9	A	29.90	+ 06	40	39	+ 5	WNW	4	A	5	45	32	0.24
Skudesnaes	30.16	46	NNW	6	0	30.19	+ 11	46	45	+ 6	NNW	6	O	4	46	?	-
Oxö (Xiansund)	30.01	45	N	6	C	30.05	+ 01	45	43	+ 5	NNW	6	O	3	45	?	-
Skagen (The Skaw)	29.96	44	NNW	5	C	30.00	+ 01	43	42	+ 4	NNW	6	C	6	45	51	-
Fanö	30.20	43	NNW	6	O	30.23	+ 09	44	43	+ 4	NNW	6	C	*	?	39	-
Cuxhaven	30.29	43	NNW	5	O	30.30	+ 12	44	44	+ 3	NNW	5	60	*	?	40	-
Sumburgh Head	30.17	48	W	5	C	30.23	+ 14	46	45	0	W	4	60	5	49	45	-
Stornoway	30.41	48	N	4	0 m.	30.41	+ 06	48	46	0	SSW	4	O	3	49	44	-
Wick	30.37	48	NW	2	O	30.40	+ 10	47	45	0	W	2	O	1	51	44	-
Nairn	30.41	50	W	2	O	30.43	+ 06	47	44	0	W	3	C	2	51	46	-
Aberdeen	30.42	52	W	3	G	30.47	+ 13	46	43	- 3	WSW	1	C	1	55	45	-
Leith	30.52	50	W	2	m	30.51	+ 07	47	45	0	W	2	60	*	50	45	-
Shields	30.55	47	WSW	3	m	30.56	+ 14	47	46	0	WSW	3	3m	2	50	45	-
Spurn Head	30.52	44	NNW	3	G	30.66	+ 12	44	43	0	NNW	3	C	2	45	40	-
York	30.56	44	W	1	G	30.60	+ 11	45	44	+ 1	W	2	O	*	52	40	-
Longborough	30.59	43	W	2	G	30.61	+ 09	42	42	- 6	Z	0	0mW	*	49	35	-
Ardrossan	30.51	48	W	2	O	30.56	+ 03	46	45	- 2	W	1	C	1	48	45	0.02
Mullaghmore	30.63	47	SSW	3	0 m.	30.59	- 05	43	42	- 3	SSW	1	0m	0	47	40	-
Donaghadee	30.63	48	NNW	2	6c	30.60	+ 01	42	42	- 4	W	1	O	0	50	42	-
Parsonstown	30.68	45	W	1	O	30.62	- 05	41	40	- 4	E	1	O	*	45	40	-
Barrow-in-Furness	30.60	46	NW	2	O	30.58	+ 03	44	44	- 2	NNW	2	O	2	47	?	-
Holyhead	30.66	46	W	1	O	30.63	+ 02	45	44	- 1	Z	0	1	0	47	43	-
Liverpool (Bidston)	30.62	44	W	2	G	30.63	+ 06	42	41	- 3	Z	2	O	2	46	42	-
Valencia	30.65	46	E	1	0 m.	30.55	- 13	46	45	- 2	E	3	O	3	48	45	-
Roche's Point	30.61	46	N	5	O	30.63	- 03	45	45	- 2	SE	2	1mW	4	49	43	0.08
Pembroke	30.65	44	NNW	1	O	30.64	+ 03	44	44	- 3	ENE	1	0m	2	50	45	0.03
Scilly	30.63	49	NNE	1	0 m.	30.61	- 01	47	46	- 3	ENE	1	O	0	48	43	-
Prawle Point	30.64	47	Z	0	O	30.65	+ 03	44	43	- 3	Z	0	O	1	51	42	-
Hurst Castle	30.62	48	NW	2	O	30.65	+ 04	43	42	- 4	NNE	1	0m	1	50	44	-
Dover	30.57	48	NNW	1	0 m.	30.60	+ 06	42	41	- 2	N	2	0m	1	44	-	-
London	30.59	48	NW	1	O	30.64	+ 08	38	38	- 5	NNW	1	Z	*	52	37	-
Oxford	30.63	44	NW	2	6c	30.64	+ 08	42	41	- 7	NNW	1	0m	*	50	39	-
Cambridge	30.59	42	W	1	G	30.62	+ 09	38	38	- 5	W	1	O	*	50	32	-
Yarmouth	30.52	43	NW	2	G	30.51	+ 09	42	42	+ 2	NNW	2	6c	2	48	39	-
The Helder	30.46	43	NNW	1	G	30.49	+ 11	43	42	0	NNW	1	C	2	45	43	-
Cape Griz Nez	30.56	46	NW	1	m	30.60	?	44	43	- 1	NNW	1	C	1	48	43	-
Jersey	30.63	48	N	1	0 m.	30.63	+ 05	46	46	- 3	NNW	1	0m	1	50	45	-
Brest
Lorient	30.63	50	NNE	3	O	30.62	+ 02	47	44	0	ENE	4	O	1	50	43	-
Rochefort	30.63	48	NNE	4	m	30.66	+ 01	39	39	- 7	NE	5	Z	0	52	34	-
Biarritz	30.65	47	E	1	O	30.62	- 06	44	42	+ 1	E	1	O	1	57	41	-
Corunna	*	*	*	*	*	30.52	+ 07	43	42	0	NNW	4	Z	*	48	43	-
Brussels	*	*	*	*	*	30.55	+ 13	43	41	- 1	N	4	O	*	46	41	-
Charleville	30.63	42	N	4	O	30.65	+ 09	46	45	- 1	NNW	4	O	*	*	*	-
Paris	30.63	48	NNW	1	m	30.65	+ 09	46	45	- 1	NNW	4	O	*	44	39	-
Lyons	30.48	42	N	5	C	30.51	+ 02	41	40	+ 2	N	5	C	*	44	39	-
Toulon	30.21	45	S	3	m	30.36	+ 02	47	37	+ 7	E	3	G	2	50	37	-
Hawes Junction	29.93	44	W	1	O	29.31	+ 05	41	41	- 1	W	3	Z	*	45	41	-

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). || Received too late for insertion in Charts.

WEATHER CHARTS

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

1884.

BAROMETER, WIND & SEA.

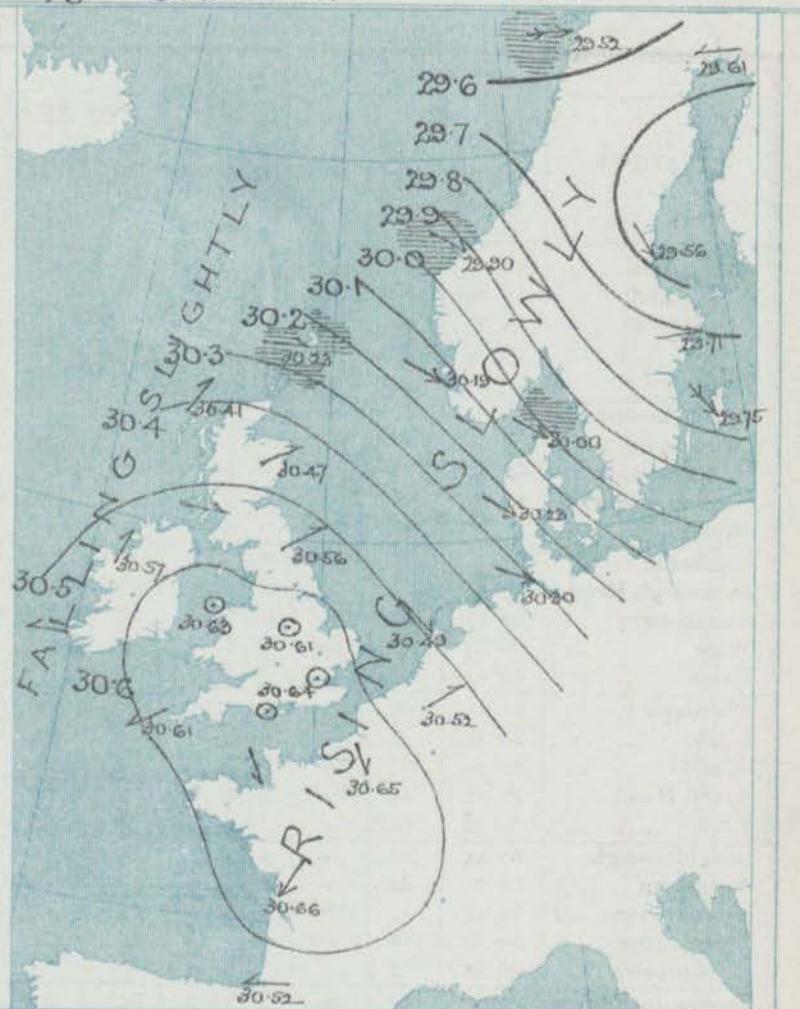
(Explanation of Map)

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 bars and feathers refer to force, thus—
— Force above 10, — force 8 to 10;
— Force 5 to 7, — force 3 to 4;
○ = dead calm.
Sea Disturbance — where considerable is shown 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	
	INS.	MM.
Sumburgh Head	29.681	
Stornoway	29.657	
Wick	29.697	
Nairn	29.729	
Aberdeen	29.783	
Leith	29.818	
Shields	29.867	
York	29.916	
Ardrossan	29.877	
Donaghadee	29.829	
Holyhead	29.825	
Liverpool	29.906	
Valencia	29.852	
Roche's Point	29.883	
Pembroke	29.913	
Scilly	29.959	
Hurst Castle	29.975	
Dover	30.002	
LONDON	29.987	
Oxford	29.974	
Cambridge	29.976	
Yarmouth	29.963	



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 NW 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 coasts the wind is E^W or SE^W, 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 Flodden Point. Temperature has fallen a little at most of the English and Irish stations, and readings over our Islands now range from 48° at Stromness, and 47° at Noss, Fair Isle and Scilly, to 38° 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 Firths H^l, slight or smooth elsewhere.

The fall of the barometer which is appearing over Ireland will probably result in a freshening SE^W wind 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 ^W and SW ^W winds, fresh; fair to unsettled and some rain.	6 { SCOTLAND WEST	W ^W to SW ^W winds, moderate; dull generally, probably some rain.
1 { SCOTLAND EAST	W ^W and SW ^W winds, light; fair generally but local mists.	7 { ENGLAND N. W.	Do.....Do.....Do.....
2 { ENGLAND N.E.	Do.....Do.....Do.....	8 { ENGLAND S.W.	E ^W and SE ^W winds, moderate; dull generally.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	SW ^W winds, light to fresh; dull, some mist and rain.
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	SE ^W winds, freshening; dull, some mist and rain.
5 { ENGLAND SOUTH	Light variable airs; dull, gloomy, foggy.	WARNINGS	NONE ISSUED.

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudenesnaes	30.10	45	45	W W W	6	4		Valencia	30.68	48	47	W W W	1	0 m	1
Sumburgh Head	30.13	44	47	W	5	5		Scilly	30.63	49	48	W W W	1	0	3
Stornoway	30.10	49	49	W	5	0 m		Dover	30.85	49	49	W W W	1	0 m	0
Aberdeen	30.40.	51	47	W W W	3	6 e	2	London	30.51	52	48	W W W	2	0	*
Shields	30.49	50	57	W S W	4	6	2	Yarmouth	30.50	48	46	W W W	2	6 m	2
Ardrossan	30.55	48	48	W W W	2	0	2	Jersey	30.61	40	48	N	2	e	2
Mullaghmore	30.64	46	46	W S W	3	2 m	2	Rochefort	30.64	48	47	N	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 N, 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 Thursday 17th 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	Force (0 to 12)	Shade Temp. (0 to 9).	Max.	Min.	Amount of Rainfall.
			Dir.	Force (0 to 12)		Dry.	Wet.	Difference from 8 a.m. Yesterday.	Difference from 8 a.m. Yesterday.	Dir.	Force (0 to 12)						
Haparanda	29.89	1	E	2	Be	?	?	-15	-13	-23	N.E.	2	G	*	10	?	-
Hernösand	29.88	30	Z	0	Be	30.01	+145	25	23	-12	Z	0	C	*	39	25	-
Stockholm	29.88	35	N.W.	6	Be	30.06	+35	29	26	-5	N	2	Be	*	37	25	-
Wisby	29.82	38	N.W.	6	Be	29.91	+22	35	32	-5	N.E.	6	Be	*	41	34	-
Bodö	29.73	31	N.W.	6	0	29.94	+42	28	27	-4	E	2	0	1	34	27	-
Christiansund	30.01	44	W	8	N	30.04	+14	44	43	+4	W	8	C	5	45	37	1.02
Skudenesnaes	30.27	44	WNW	6	0	?	?	45	44	-1	W	4	A	4	46	?	0.04
Oxö (Xtiansund)	30.11	45	W	6	0	30.19	+14	45	42	0	WNW	2	0	2	45	41	-
Skagen (The Skaw)	30.04	43	WNW	6	B	30.15	+15	41	40	-2	WNW	4	0	3	46	37	-
Fanö	30.30	42	WNW	6	Be	30.35	+12	42	41	-2	WNW	5	0	*	45	41	-
Cuxhaven	29.56	44	WNW	5	Be	30.42	+12	44	44	0	WNW	4	Be	*	45	40	-
Sumburgh Head	30.27	46	W	4	N	30.23	-00	46	45	0	W	5	0	5	47	42	0.07
Stornoway	30.37	47	SW	5	am	30.28	-13	46	46	-2	S	5	am	4	48	44	0.01
Wick	30.36	45	NW	3	Be	30.35	-97	43	42	-4	SE	1	C	1	49	35	-
Nairn	30.40	46	W	4	B	30.36	-07	44	42	-3	W	1	C	1	49	44	-
Aberdeen	30.44	40	SW	1	B	30.39	-08	35	32	-13	N.S.W.	1	6	1	48	31	-
Leith	30.51	45	WSW	2	m	30.44	-07	44	43	-3	N.W.	1	am	*	50	42	-
Shields	30.56	45	WNW	2	m	30.49	-07	43	42	-4	N.S.W.	2	am	2	48	41	-
Spurn Head	30.51	44	WNW	3	m	30.54	-02	39	39	-5	WSW	4	0	2	45	36	-
York	30.60	43	WSW	1	0	30.54	-06	43	41	-2	W	1	0	*	48	40	-
Loughborough	30.62	39	Z	0	am	30.59	-02	39	38	-3	N.S.W.	2	am	*	48	37	-
Ardrossan	30.58	43	SW	3	0	30.47	-09	45	44	-1	WSW	2	0	2	48	41	-
Mullaghmore	30.54	42	SW	2	0	30.42	-16	48	46	+5	SSW	5	0	3	48	42	-
Donaghadee	30.58	42	W	1	0	30.50	-10	44	43	+2	N.W.	1	0	0	44	39	-
Parsonstown	30.58	44	SW	1	0	30.51	-11	46	45	+5	SE	1	0	*	46	40	-
Barrow-in-Furness	30.59	44	SSW	2	C	30.51	-07	43	43	-1	S	3	am	3	45	41	0.03
Holyhead	30.60	44	SSW	2	f	30.55	-08	45	44	-1	SSW	2	0	3	45	42	0.04
Liverpool (Bidston)	30.62	40	SSE	1	0	30.55	-08	40	40	-2	SSE	2	Be	2	42	37	0.01
Valencia	30.52	49	SE	6	0	30.48	-07	51	50	+5	S	6	0	6	52	45	0.09
Roche's Point	30.58	47	S	3	N	30.53	-10	48	47	+3	SSW	3	0	4	50	42	0.10
Pembroke	30.62	43	SSW	1	0	30.58	-06	46	45	+2	SSW	2	0	1	46	42	-
Scilly	30.59	47	SE	2	0	30.58	-08	49	46	0	S	1	0	2	49	45	0.01
Prawle Point	30.65	44	N	1	Q	30.62	-03	45	43	+1	ESE	1	0	0	45	42	-
Hurst Castle	30.64	42	NE	1	m	30.63	-00	42	41	-1	Z	0	m	1	48	40	-
Dover	30.63	43	Z	0	am	30.63	+03	38	37	-4	W	1	0	0	47	35	-
London	30.65	41	NW	1	am	30.63	-01	40	39	+2	N.S.W.	1	am	*	42	38	-
Oxford	30.66	43	NN	1	0	30.61	-03	41	40	-1	W	1	am	*	44	41	-
Cambridge	30.65	41	Z	0	f	30.59	-03	41	40	+3	W	1	0	*	49	37	-
Yarmouth	30.59	45	WNW	2	f	30.57	-00	40	39	-2	W	1	f	2	47	34	0.01
The Helder	30.55	42	WNW	1	0	30.54	+05	41	41	-2	WNW	1	f	1	45	41	-
Cape Griz Nez	30.61	41	Z	0	f	30.64	+04	38	38	-6	N.W.	1	f	0	42	37	-
Jersey	30.64	46	E.N.E.	1	am	30.63	-00	43	41	-3	NE	1	am	1	47	42	-
Brest	30.64	44	ESW	1	0	30.51		44	42		SSE	3	0	3	50	41	-
Lorient																	
Rochefort	30.64	45	E	4	B	30.61	-05	41	41	+2	E	7	m	2	52	32	-
Biarritz	30.48	46	E	3	B	30.47	-05	41	39	-3	S	1	B	1	52	37	-
Corunna	*	*	*	*	*	30.61	+00	43	42	0	WNW	3	0	*	48	42	0.04
Brussels	*	*	*	*	*	30.58	+03	42	40	-1	W	4	0	*	50	41	-
Charleville	29.60	43	W	4	0	30.58	+03	42	40	-3	WNW	3	f	*	50	41	-
Paris	30.67	49	NNW	1	Be	30.68	+03	43	42	-3	WNW	3	f	*	48	40	-
Lyons	30.52	42	W	4	Be	30.54	+02	38	37	-3	N	4	0	*	46	37	-
Toulon	30.89	48	?W	4	Be	30.43	+07	45	42	-2	Z	0	m	1	51	45	-
Hawes Junction	29.31	39	W	3	f	29.25	-06	38	38	-3	W	4	NW	*	42	36	0.02

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. | Received too late for insertion in Charts.

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

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 bars and feathers refer to force, thus —
 → = force above 10; → = forces 8 to 10;
 → = forces 5 to 7; → = forces 1 to 4;
 ○ = dead calm.

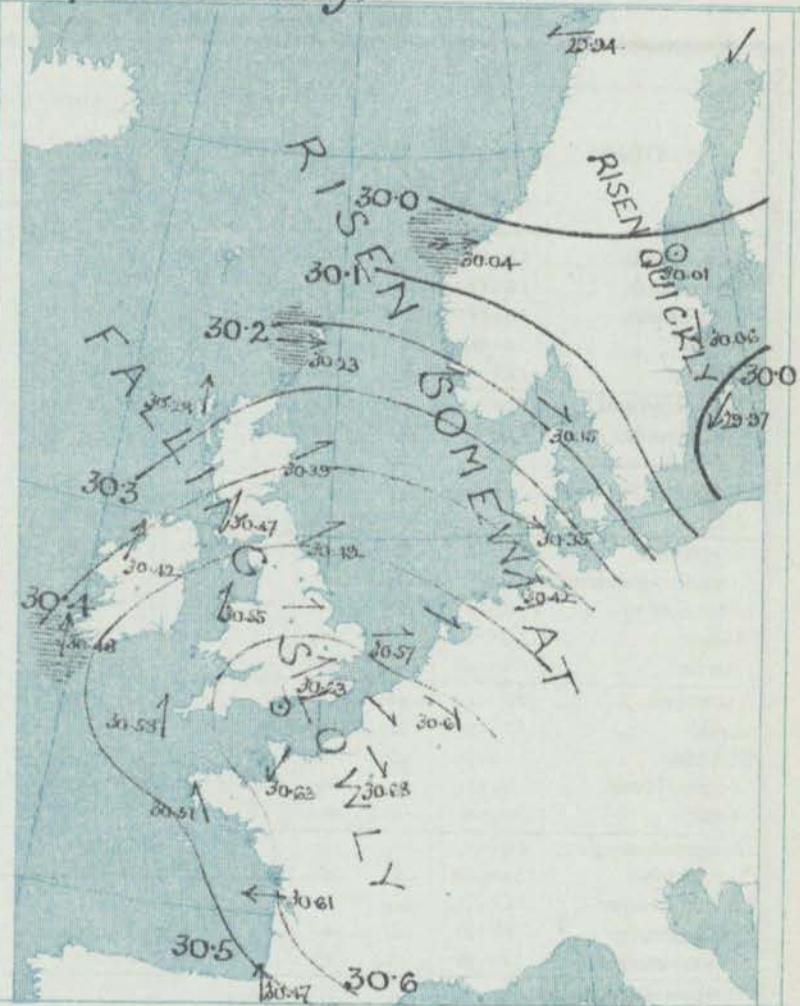
Sea Disturbance — where considerable is shown thus
 — Rough. — High.

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	29.812
Shields	29.867
York	29.916
Ardrossan	29.977
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.652
Roches Point	29.862
Pembroke	29.913
Selby	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.

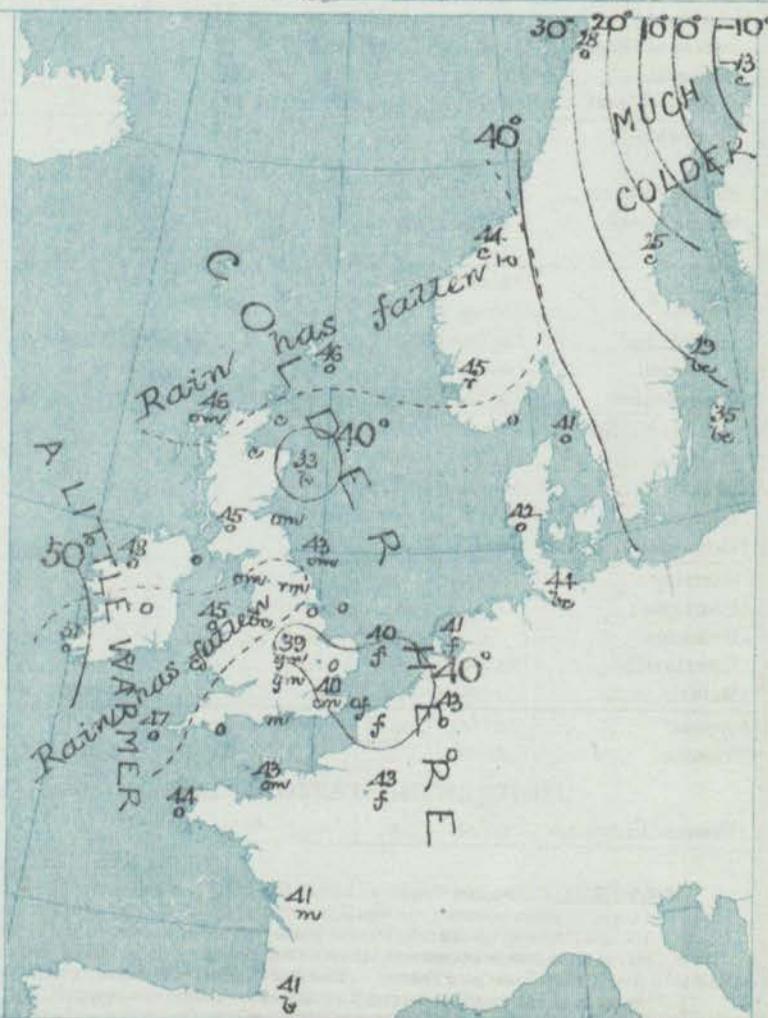
Rainfall A dotted-line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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	39.9	37.6	5.28
Wick	37.9	36.6	7.60
Nairn	36.9	35.3	1.98
Aberdeen	37.3	36.7	2.42
Leith	36.2	37.2	2.02
Shields	37.8	36.6	1.88
York	36.9	35.9	1.88
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	2.45
Valencia	44.1	43.3	7.22
Roches Point	45.1	42.0	5.68
Pembroke	42.8	41.3	4.13
Selby	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	1.63
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 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 other more western and northern stations the wind is S^E or SW^E, 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 59° at Valencia to 39° at Aberdeen. Slight frost occurred last night at the latter station. The sea is rough at Valencia and Tumbburgh 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 ^E and S ^S winds, fresh or strong; dull, some rain.	6 { SCOTLAND WEST	SW ^E and S ^S winds, moderate or fresh; dull, some rain.
1 { SCOTLAND EAST	SW ^E and W ^N winds, moderate; cloudy generally, probably some rain.	7 { ENGLAND N.W.	---- D ^o ---- D ^o ---- D ^o ----
2 { ENGLAND N.E.	---- D ^o ---- D ^o ---- D ^o ----	8 { ENGLAND S.W.	S ^E winds, moderate, dull, some rain.
3 { ENGLAND EAST	Same as No. 5	9 { IRELAND NORTH	S ^E and SW ^E winds, increasing in force; dull, unsettled, some rain.
4 { MIDLAND COUNTIES	Same as No. 5.	10 { IRELAND SOUTH	---- D ^o ---- D ^o ---- D ^o ----
5 { ENGLAND SOUTH	Light breezes, chiefly W ^N ; dull, misty, rather warmer.	WARNINGS	NONE ISSUED.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.53	46	45	WNW	S	0f	4	Valencia	30.56	749	48	SE	4	c	4
Sumburgh Head	30.26	47	46	W	N	5		Scilly	30.60	48	47	ESE	2	sw	2
Stornoway	30.37	48	47	SSW	S	0m	4	Dover	30.61	47	45	NNW	1	bm	0
Aberdeen	30.49	47	45	SW	I	6	1	London	30.64	42	41	NNW	1	ogg	*
Shields	30.52	48	46	WNW	2	cm	2	Yarmouth	30.57	47	45	NNW	2	f	2
Ardrossan	30.56	44	43	SSW	3	o	2	Jersey	30.62	47	45	NE	1	m	1
Mullaghmore	30.55	44	43	NNW	I	o	1	Rochefort	30.65	49	46	E	5	c	2
Holyhead	30.61	44	43	SSW	2	o	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 fog in the SE.

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for Friday 18th January 1884.

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STATIONS.	† YESTERDAY EVENING.				8 A.M. TO DAY.								PAST 24 HOURS.			
	Banometer at 32° F. and Sea Level.	Temp. in Scale.	WIND.		Barometer Reading at 32° F. and Sea level.	SHADE TEMP.		Wind.	Force (0 to 12)	Wind.	Force (0 to 12)	Shade Temp. (0 to 9).	Max.	Min.	Amount of Rainfall.	
Haparanda	30° 38	-9	N	2	6	30° 32	?	S	6	O	*	?	-14	0°12		
Hernösand	30° 21	25	E	2	0	30° 17	+ 16	S	2	O	*	16	0°16			
Stockholm	30° 28	29	ESW	2	0	30° 33	+ 25	SSE	2	O	*	36	28	-		
Wisby	30° 19	33	N	4	0	30° 30	+ 35	SSW	4	6	*	31	32	-		
Bodö	29° 82	28	E	3	0	29° 50	+ 35	SSW	4	8	*	?	25	-		
Christiansund	30° 12	45	NNW	6	0	30° 13	+ 09	S	6	C	5	45	41	0°08		
Skudenesmae	30° 57	42	NNW	2	0	30° 39	?	S	0	O	3	?	?	-		
Oxö (Christiansund)	30° 28	41	NNW	2	8	30° 31	+ 12	S	6	OM	5	49	44	0°01		
Skagen (The Skaw)	30° 26	40	SW	2	8	30° 32	+ 17	SW	2	O	0	43	32	-		
Fanö								S	0	O	*					
Cuxhaven	30° 38	42	NNW	8	6	30° 48	+ 06	S	2	O	?	39	-			
Sumburgh Head	30° 22	46	NNW	4	0	30° 19	- 04	S	3	4	47	43	0°01			
Stornoway	30° 27	49	SW	4	1	30° 17	- 11	S	6	OM	5	49	44	0°01		
Wick	30° 29	45	W	2	0	30° 27	- 06	S	2	G	0	45	40	-		
Nairn	30° 33	47	W	2	0	30° 29	- 07	S	0	C	0	48	44	-		
Aberdeen	30° 39	43	NNW	1	0	30° 36	- 03	S	1	OM	?	45	32	-		
Leith	30° 43	46	W	1	0	30° 40	- 04	S	1	OM	2	49	43	-		
Shields	30° 48	46	NNW	1	8	30° 48	- 01	S	1	OM	2	47	41	-		
Spurn Head	30° 53	41	W	1	8	30° 52	- 02	S	1	OM	2	42	37	-		
York	30° 53	45	W	1	0	30° 54	- 00	S	1	OM	4	49	39	-		
Loughborongh	30° 57	41	NNW	1	0	30° 57	- 02	S	2	OM	2	44	33	-		
Ardrossan	30° 44	46	SSW	2	OM	30° 42	- 05	S	2	OM	2	46	44	0°02		
Mullaghmore	30° 44	48	SW	4	6	30° 35	- 07	S	5	G	4	50	47	-		
Donaghadee	30° 48	43	S	1	6	30° 44	- 06	S	2	O	0	47	41	0°01		
Parsonstown	30° 49	48	Z	0	0	30° 45	- 06	S	1	OM	8	49	45	0°05		
Barrow-in-Furness	30° 50	44	SW	3	0	30° 51	- 00	S	2	OM	2	45	42	-		
Holyhead	30° 51	47	SW	2	0	30° 52	- 03	S	2	O	1	47	43	-		
Liverpool (Bidston)	30° 54	46	SW	5	0	30° 53	- 02	S	1	O	2	46	40	-		
Valencia								S	1	O	2					
Roche's Point	30° 52	49	SEW	4	0	30° 48	- 05	S	4	O	4	51	46	-		
Pembroke								S	1	OM	2					
Scilly	30° 35	48	S	2	0	30° 53	- 05	S	3	O	4	49	45	-		
Prawle Point	30° 60	46	E	1	0	30° 59	- 03	S	0	O	0	46	44	-		
Hurst Castle	30° 61	44	NNW	1	m	30° 60	- 03	S	1	OM	1	48	41	-		
Dover	30° 61	41	NNW	1	o	30° 59	- 04	S	1	OM	1	43	38	-		
London	30° 60	42	W	1	om	30° 59	- 04	S	1	OM	8	43	39	-		
Oxford	30° 61	42	W	1	0	30° 59	- 02	S	1	OM	0	43	41	-		
Cambridge	30° 58	40	Z	0	0	30° 58	- 01	S	1	OM	2	41	36	-		
Yarmouth	30° 56	39	NNW	1	5	30° 57	- 00	S	2	OM	2	41	37	-		
The Helder	30° 54	40	W	1	0	30° 54	- 00	S	1	OM	1	44	39	-		
Cape Griz Nez	30° 60	42	NNW	3	m	30° 54	- 10	S	1	OM	0	45	39	-		
Jersey	30° 61	42	NNW	1	bm	30° 60	- 03	S	1	OM	1	49	40	-		
Brest	30° 51	41	NE	3	b	30° 55	+ 05	S	3	m	3	46	34	-		
Lorient								S	3	m	3					
Rochefort	30° 57	44	NNW	7	6	30° 55	- 06	S	5	OM	2	52	32	-		
Biarritz	30° 47	45	E	1	0	30° 47	- 00	S	1	OM	1	52	51	-		
Corunna	*	*	*	*	*	30° 60	- 01	S	1	OM	0	*	45	39	-	
Brussels	*	*	*	*	*	30° 60	- 01	S	1	OM	0	*	45	39	-	
Charleville	30° 60	39	N	4	6	30° 59	+ 01	S	4	OM	*	45	32	-		
Paris	30° 64	43	NNW	3	6	30° 67	- 01	S	1	OM	*	*	*	-		
Lyons	30° 52	42	NNW	3	0	30° 52	- 02	S	1	OM	*	43	34	-		
Toulon	30° 43	48	Z	0	60	30° 44	+ 01	S	3	OM	2	52	39	-		
Hawes Junction	30° 25	40	W	3	+	24° 25	- 00	S	1	OM	1	41	38	0°12		

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.

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

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for 8 a.m. on Friday,

18th January.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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→ forces above 10; → forces 8 to 10;
→ forces 5 to 7; → forces 3 to 4;
○ = dead calm.

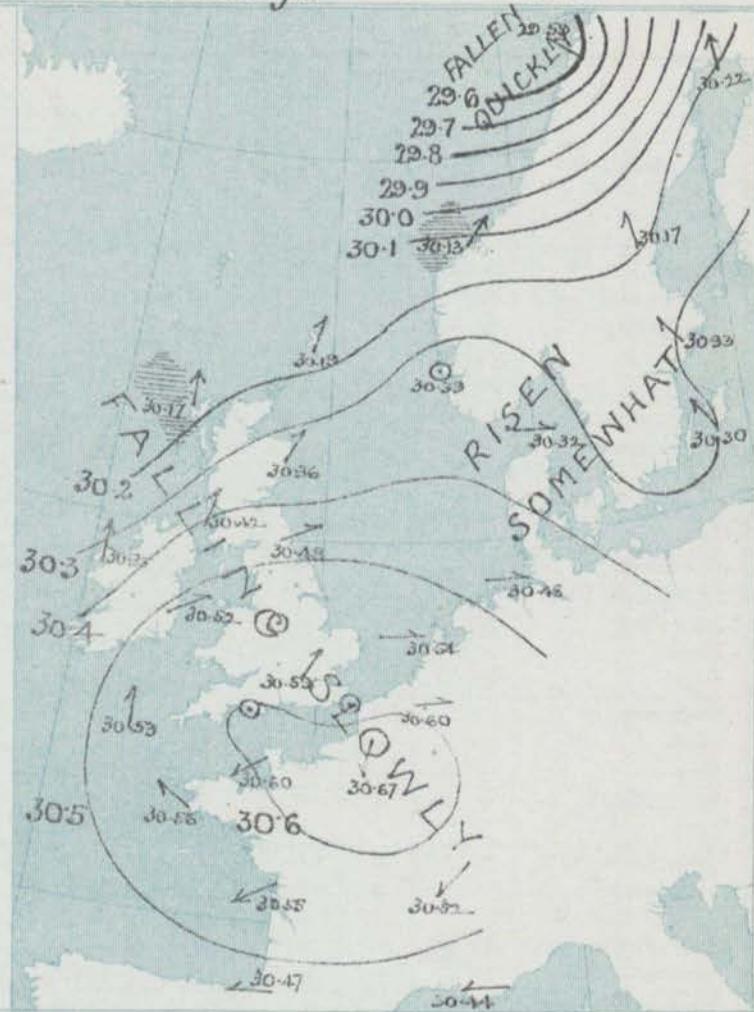
Sea Disturbance — where considerable is shown thus—
Rough. High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of January

During the 10 Years 1871—1880.

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Sumburgh Head.	29.681
Stornoway	29.627
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.977
Douglashead	29.988
Holyhead	29.995
Liverpool	29.996
Valencia	29.992
Roche's Point	29.993
Pembroke	29.973
Silly	29.953
Burst Castle	29.975
Dover	30.002
LONDON	30.087
Oxford	30.079
Cambridge	30.076
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.

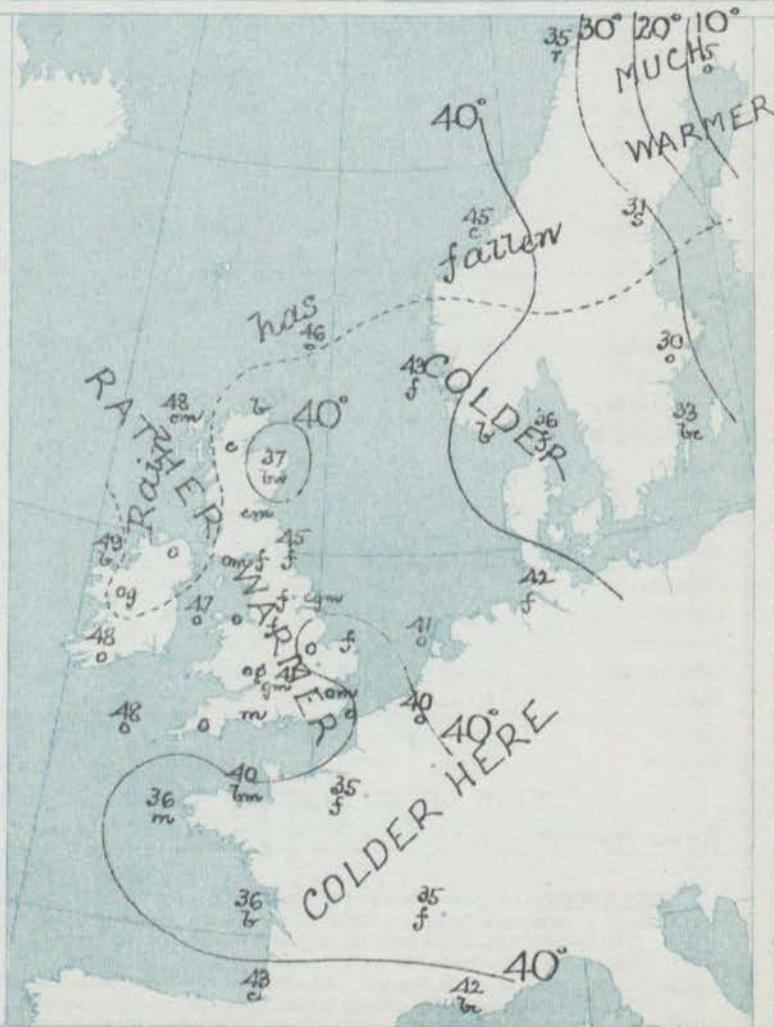
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been no fall of 0.5 in. or more, are quoted in figures.

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

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	30.2	36.3	3.72
Stornoway	30.9	37.6	5.28
Wick	37.9	36.5	1.90
Nairn	36.9	35.4	1.09
Aberdeen	37.3	36.7	2.42
Leith	38.2	37.2	2.02
Shields	37.0	36.6	1.88
York	36.9	35.9	1.88
Ardrossan	40.1	39.4	4.86
Douglashead	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
Roche's Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.78
Silly	46.5	45.0	4.24
Burst Castle	40.7	40.0	3.98
Dover	39.6	38.4	3.05
LONDON	36.1	37.1	2.41
Oxford	37.6	36.6	2.51
Cambridge	36.5	35.7	1.69
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 Friday 18th January

1884. at 8 a.m.

In the course of the past 24 hours the barometer has continued to fall slightly at all but the Scandinavian and Danish stations, where a further rise has occurred. The general distribution of pressure has undergone little change, but a well defined depression has appeared near Bodø. The wind is E^{NE} in France, but SW^W or S^E in most ^{other} parts of Western Europe; on our extreme west and north-west coast it is fresh or strong in force, but over England it is exceedingly light. The weather is fine in the east of Scotland, and also at some of the French stations, but cloudy or overcast in most other places, with fog or mist over England. Temperature has risen a little in most parts of our Islands, and readings now range from 49° at Dinglemore to 33° at Loughborough.

The sea is rather rough at Stornaway, 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 Stornaway has become somewhat accelerated since last evening it is possible that a small depression may shortly skirt the Scotch coast.

FORECASTS

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

YESTERDAY'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	C	3	Valencia	30.46	52	51	S	5	0 g	5
Sumburgh Head	30.24	46	45	WSW	4	N	5	Scilly	30.51	49	49	SE E	2	0	2
Stornoway	30.28	49	47	SSW	4	C	4	Dover	30.60	42	41	NEW	1	0 m	0
Aberdeen	30.39	44	42	WSW	1	C	1	London	30.61	43	40	N	2	0 m	*
Shields	30.48	47	45	2	0	0 m	2	Yarmouth	30.55	39	39	WNW	2	0 m	2
Ardrossan	30.46	46	45	SW	2	O	2	Jersey	30.61	47	45	SE S	1	0	1
Mullaghmore	30.40	50	48	SW	4	6c	3	Rochefort	30.51	49	46	E NE	7	6	2
Holyhead	30.53	47	46	SSW	2	O	3								

REMARKS.

The barometer continues to fall slightly at all but the N^o 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.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.								PAST 24 HOURS.				
	Barometer at 32° F. and Sea Level.		Temp. in Shade.	WIND.		BAROMETER.		SHADE TEMP.			WIND.		SHADE TEMP.					
	Dir.	Force (0 to 12)		Weather		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12)	Weather	Max.	Min.	Amount of Rainfall.		
Haparanda	29.82	22	S	2	6e	29.71	- .51	35	35	+ 28	Z	0	C	*	?	-9	0.39	
Hernösand	30.08	35	SSW	2	6	29.95	- .22	28	28	- 3	Z	0	G	*	36	21	0.04	
Stockholm	30.29	29	Z	0	6	30.20	- .13	32	32	+ 2	N	4	O	*	37	28	-	
Wisby	30.28	33	NNW	4	0	30.22	- .08	35	36	+ 2	NNW	4	O	*	37	32	-	
Bodö	29.70	46	SW	9	0	29.48	- .11	43	42	+ 8	NNW	9	A	*	46	?	0.63	
Christiansund	30.06	48	NNW	3	6e	29.76	- .31	49	43	+ 4	SW	4	C	5	50	41	-	
Skudesnaes	30.36	44	ESE	2	0	30.26	- .13	45	43	+ 2	SSE	6	O	4	?	43	-	
Oxö (Adiansund)	30.34	41	NW	2	6	30.30	- .01	42	42	+ 9	SW	4	F	2	?	?	-	
Skagen (The Skaw)	30.36	39	NNW	3	6	30.35	+ .08	41	41	+ 5	NNW	5	F	4	43	36	-	
Fanö	30.50	41	W	3	0	30.48	+ .03	40	40	- 1	SW	2	O	*	48	39	-	
Cuxhaven	? 30.53	40	NNW	2	?	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	O	5	48	43	0.04	
Stornoway	30.01	48	S	8	0m	30.17	- .00	42	40	- 6	W	4	C	4	50	40	0.22	
Wick	30.16	46	S	2	6	30.18	- .09	44	42	0	W	3	O	1	49	43	-	
Nairn	30.20	46	W	2	6	30.20	- .09	49	47	+ 3	W	2	C	2	50	44	-	
Aberdeen	30.26	44	SSW	3	6	30.22	- .14	46	45	+ 9	SW	3	O	1	47	35	-	
Leith	30.35	49	NNW	3	0	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	? 15	-	
Spurn Head	30.50	42	S	2	0	30.48	- .04	43	42	+ 1	NNW	3	0m	2	44	40	-	
York	30.50	44	S	1	0	30.48	- .06	45	43	+ 4	SW	2	O	*	49	40	-	
Loughborough	30.53	44	NNW	1	0	30.53	- .04	44	43	+ 11	NNW	2	O	*	48	33	-	
Ardrossan	30.35	46	S	4	6	30.32	- .10	47	46	+ 1	SW	4	0m	3	49	45	0.02	
Mullaghmore	30.29	51	SEW	6	C	30.34	- .01	48	48	- 1	SSE	2	0m	3	51	47	0.06	
Donaghadee	30.39	45	NNW	3	C	30.37	- .07	47	47	+ 1	NNW	3	A	1	48	44	0.06	
Parsonstown	30.39	49	Z	0	0	30.42	- .03	49	47	+ 2	S	1	O	*	50	45	0.07	
Barrow-in-Furness	? 30.46	45	SW	4	0	30.43	- .08	46	45	+ 2	SW	3	O	4	47	43	-	
Holyhead	30.46	46	SEW	2	0	30.48	- .04	48	46	+ 1	SW	2	O	3	48	44	0.03	
Liverpool (Bidston)	30.49	45	SE	1	0	30.49	- .04	47	45	+ 5	SW	1	6e	2	48	42	-	
Valencia	30.39	52	S	6	0g	30.38	- .03	52	52	+ 2	S	6	0mg	6	53	48	0.05	
Roche's Point	30.47	48	SEW	4	0	30.47	- .01	50	49	+ 2	SSE	4	O	4	51	49	-	
Pembroke	30.49	49	SEW	3	0	30.54	- .00	48	46	+ 1	SSE	2	O	2	48	46	-	
Scilly	30.51	48	SSW	2	0	30.56	+ .03	48	45	0	S	3	O	4	49	45	-	
Prawle Point	30.55	46	SE	2	0	30.60	+ .01	45	42	- 1	SSE	1	O	1	49	44	-	
Hurst Castle	30.59	47	Z	0	m	30.60	+ .00	45	42	+ 2	S	1	C	1	46	42	-	
Dover	30.57	42	Z	1	0m	30.61	+ .02	42	40	0	W	1	O	0	43	38	-	
London	30.58	44	W	1	0	30.61	+ .02	43	41	+ 2	SSE	1	O	*	48	40	-	
Oxford	30.56	44	NNW	1	0	30.59	- .00	44	42	+ 3	SW	1	0g	*	49	41	-	
Cambridge	30.55	58	W	1	6	30.56	- .02	42	41	+ 4	SW	1	O	*	45	38	-	
Yarmouth	30.54	42	Z	0	1	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	O	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	ENE	1	6m	30.61	+ .01	38	37	- 2	E	2	m	2	46	39	-	
Brest	30.45	42	ESE	3	6	30.56	- .00	38	38	+ 2	E	3	O	3	48	33	-	
Lorient																		
Rochefort	30.56	40	ENE	5	6	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	O	1	50	41	-	
Corunna	*	*	*	*	*	30.63	+ .03	59	58	- 1	SW	1	F	*	42	38	-	
Brussels	*	*	*	*	*	? 30.62	+ .03	58	52	- 2	NL	5	O	*	40	32	-	
Charleville	30.51	57	NL	4	0	30.70	+ .03	36	36	+ 1	NE	4	F	*	38	30	-	
Paris	30.63	38	NE	1	m	30.70	+ .03	36	36	+ 1	NE	4	F	*	38	30	-	
Lyons	30.55	35	SW	1	0	30.62	+ .10	54	54	- 1	SE	1	F	*	37	34	-	
Toulon	30.48	46	Z	0	m	30.55	+ .11	42	39	0	Z	0	m	1	50	41	-	
Hawes Junction	29.71	40	W	1	0	29.19	- .06	42	42	+ 1	NNW	4	m	*	43	39	0.01	

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).

WEATHER CHARTS

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

BAROMETER, WIND & SEA.

(Explanation of Map.)

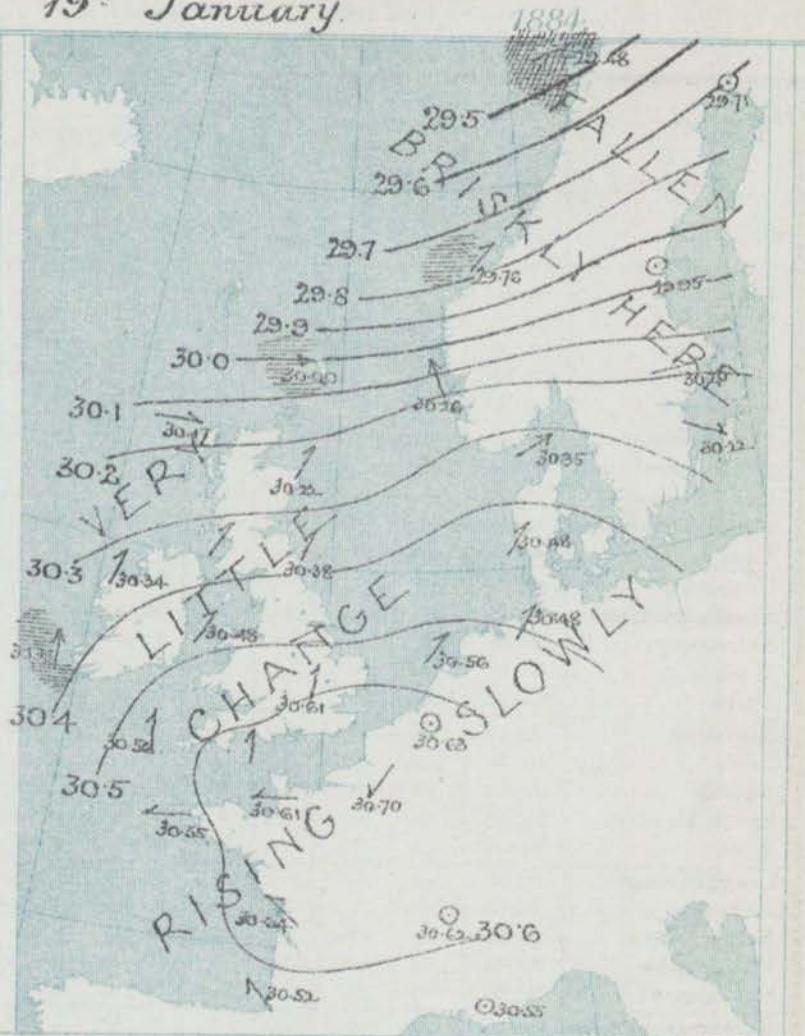
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their bars and feathers refer to force, thus:
 → Force above 10 → Force 8 to 10.
 → Force 6 to 7 → Force 4 to 6.
 ○ = dead calm.

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
Sunderland Head	29.681
Stornoway	29.657
Wick	29.697
Nairn	29.726
Aberdeen	29.763
Leith	29.819
Shields	29.827
York	29.836
Ardrosson	29.877
Douglashead	29.820
Bethnal	29.826
Liverpool	29.846
Valencia	29.852
Rothes Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.976
Dover	30.002
LONDON	30.067
Oxford	30.074
Cambridge	30.076
Yarmouth	30.081



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 given by Letters of the Beaufort Scale.

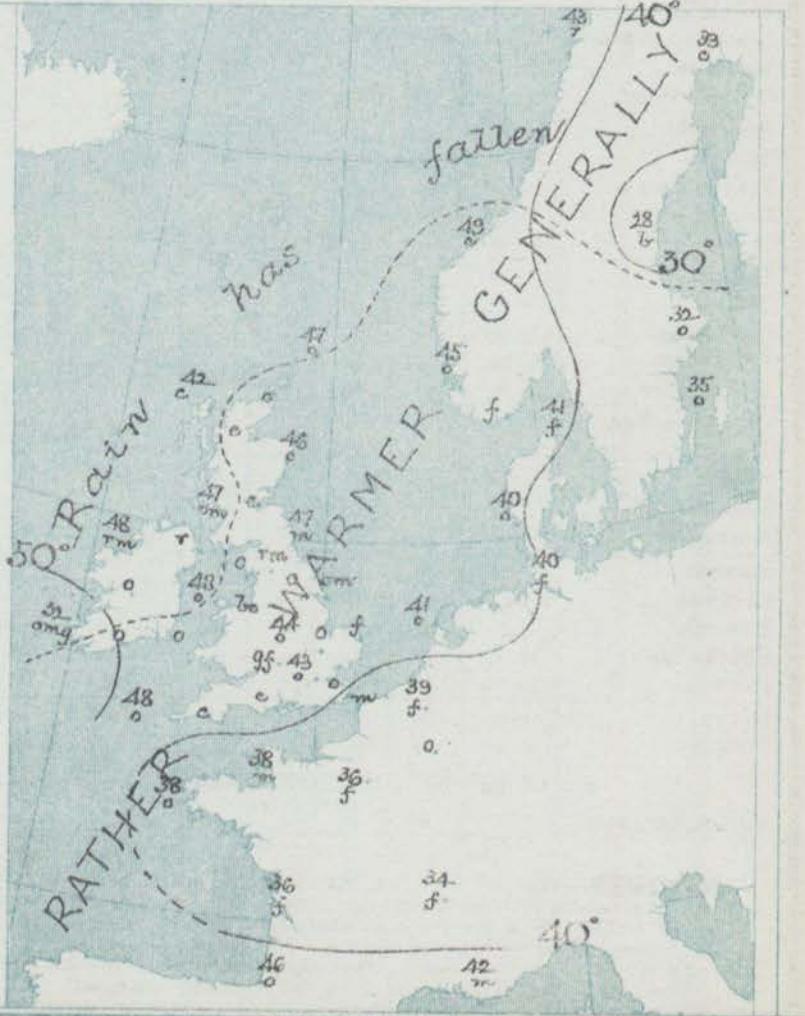
Rainfall — A dotted line separates the districts in which rains have fallen from those where there has been none.

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

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sunderland Head	39.2	38.8	3.72
Stornoway	39.0	37.6	5.20
Wick	37.9	36.5	7.00
Nairn	36.9	35.3	7.29
Aberdeen	37.3	36.7	2.92
Leith	38.2	37.2	2.02
Shields	37.0	36.6	2.88
York	36.9	35.9	1.85
Ardrosson	40.1	39.8	4.86
Douglashead	39.7	39.0	3.09
Bethnal	41.7	40.3	3.78
Liverpool	39.9	37.8	2.45
Valencia	44.1	43.3	7.22
Rothes Point	42.1	42.0	5.68
Pembroke	42.6	41.3	4.15
Scilly	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.88
Dover	39.6	38.4	3.03
LONDON	30.1	27.1	3.41
Oxford	37.6	36.6	2.52
Cambridge	36.5	35.7	1.61
Yarmouth	37.0	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 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 shield lies over France and the south-east of England, while relatively low pressures are found over the north of Scandinavia. The wind is E^W or S^E 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. gale is reported} while at Woko there is a W.S.E. 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 Lemburgh 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 8 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	W ^N and SW ^S Winds, strong; cloudy, unsettled, some rain.	6 { SCOTLAND WEST	S.W. Winds, freshening; dull, some rain.
2 { SCOTLAND EAST	SW ^S Winds, moderate or fresh; cloudy, probably some rain.	7 { ENGLAND N.W.	... D. D. D.
3 { ENGLAND N.E.	... D. D. D.	8 { ENGLAND S.W.	S ^S Winds, moderate; cloudy, probably some rain.
9 { ENGLAND EAST	Same as No. 5.	9 { IRELAND NORTH	S ^S winds, fresh or strong; dull some mist and rain.
4 { MIDLAND COUNTIES	Same as No. 5.	10 { IRELAND SOUTH	... D. D. D.
5 { ENGLAND SOUTH	SW ^S Winds, light; dull generally with local mists.	WARNINGS	NONE ISSUED.

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	30.40	45	43	E	2	0 f	2	Valencia	30.40	53	51	S	5	0 mg	5
Sumburgh Head	30.18	46	45	SSW	4	0	4	Scilly	30.51	49	46	S	3	0	4
Stornoway	30.12	47	47	S	8	0m	6	Dover	30.56	43	41	NNW	1	0 m	0
Aberdeen	30.31	48	46	SW	3	6	1	London	30.57	48	44	N	1	0 m	*
Shields	30.45	48	46	WSW	1	f	2	Yarmouth	30.54	43	42	2	0	f	2
Ardrossan	30.39	47	46	SSW	3	0	2	Jersey	30.51	45	43	ENE	2	6	2
Mullaghmore	30.30	51	49	SW	6	c	5	Rochefort	30.54	46	43	E	5	6	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.

STATIONS.	YESTERDAY EVENING.				8 A.M. TO DAY.								PAST 24 HOURS.				
	Barometer at 8 a.m. Sea Level.	Temp. in Baro.	WIND.		Weather	BAROMETER.		SHADE TEMP.		WIND.		Weather	Sea Force (0 to 9).	Max.	Min.	Amount of Rainfall.	
			Dir.	Force (0 to 12)		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dir.	W.	Difference from 8 a.m. yesterday.	Dir.						
Haparanda	29.44	34	S	6	b	29.43	+ .02	31	29	- 2	W	4	b	*	36	21	-
Hernösand ...	29.85	40	NNW	6	b	30.05	+ .10	33	31	+ 5	Z	0	c	*	41	19	-
Stockholm ...	30.07	36	N	6	b	30.20	+ .00	30	30	- 2	NNW	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	t	29.58	+ .10	39	?	- 4	SSW	6	b	*	40	34	0.35
Christiansund ...	30.02	41	W	8	ec	29.59	- .17	41	36	- 8	SSE	3	o	5	45	36	0.16
Skudenesnaes ...	29.32	42	NNW	2	ec	29.44	- .82	44	43	- 1	S	9	r	5	45	41	0.32
Oxö (Xlansund) ...	30.25	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	40	42	+ 1	SW	4	f	3	45	39	-
Fanö	30.49	41	WSW	4	r	30.34	- .14	42	41	+ 2	SW	4	o	*	43	39	-
Cuxhaven ...	30.16	41	Sy	1	f	30.49	+ .01	41	?	+ 1	Sy	2	b	*	41	36	-
Sumburgh Head ...	30.17	45	SSE	4	o	29.60	- .57	44	43	+ 2	NNW	9	r	7	49	40	0.15
Stornoway ...	30.17	45	Z	2	o	29.48	- .70	45	41	+ 1	Sy	10	b	7	49	35	0.15
Wick	30.20	42	V	1	r	29.70	- .50	49	46	0	WSW	8	c	5	52	41	0.04
Nairn	30.23	46	VV	1	r	29.70	- .50	49	46	0	WSW	8	c	5	50	41	0.04
Aberdeen	30.32	44	SE	2	r	29.48	- .44	46	43	+ 2	WNW	7	b	3	50	43	0.04
Leith	30.20	60	NW	2	o	29.45	- .33	50	45	0	W	8	c	*	51	48	0.01
Shields	30.24	50	Sy	1	nv	30.10	- .25	48	45	+ 1	WSW	3	o	2	51	44	-
Spurn Head ...	30.50	45	SSy	3	o	30.31	- .17	45	40	- 1	S	5	b	2	46	40	-
York	30.30	43	S	1	o	30.28	- .20	45	43	0	S	3	o	*	50	41	-
Loughborough ...	30.58	46	WSW	3	o	30.39	- .14	41	40	- 2	SSW	3	b	*	48	41	-
Ardrossan ...	30.30	47	S	3	nm	30.98	- .29	48	45	+ 1	WSW	4	o	3	48	45	0.16
Mullaghmore ...	30.18	52	SSW	7	o	30.18	- .16	46	44	- 2	WSW	6	b	5	58	46	0.04
Donaghadee ...	30.24	48	SSy	4	o	30.20	- .17	47	44	0	W	3	b	1	50	45	0.05
Parsonstown ...	30.26	47	SSE	2	o	30.31	- .11	45	43	+ 4	W	1	o	*	52	45	0.02
Barrow-in-Furness	30.45	46	WSy	3	o	30.24	- .19	47	46	+ 1	WSW	4	cw	6	49	44	-
Holyhead ...	30.47	48	WSy	4	o	30.30	- .18	49	48	+ 1	WSW	5	o	4	49	45	0.02
Liverpool (Bidston)	30.49	47	SSW	2	o	30.29	- .20	49	45	+ 2	SW	6	c	4	51	43	-
Valencia	30.31	52	SSE	7	ow	30.26	- .02	49	45	- 5	NNW	3	c	3	54	46	0.09
Roche's Point ..	30.46	49	SSW	5	o	30.24	- .13	49	47	- 1	NNW	3	c	4	50	47	0.20
Pembroke ...	30.82	47	SSy	3	o	30.28	- .16	49	47	+ 1	SSW	4	o	4	49	46	-
Scilly	30.50	47	S	4	o	30.47	- .09	50	48	+ 2	SSW	5	o	3	48	45	0.16
Prawle Point ...	30.62	48	SSE	2	o	30.44	- .11	48	45	+ 3	SW	4	c	4	48	39	-
Hurst Castle ...	30.63	44	SSW	1	b	30.38	- .08	45	44	0	SSW	2	cq	1	48	41	-
Dover	30.65	42	WSW	2	o	30.53	- .08	42	41	0	W	4	o	3	47	38	-
London	30.63	45	S ^o	1	o	30.45	- .13	42	40	- 1	Sy	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	Sy	1	o	30.45	- .11	41	40	- 1	Sy	1	o	*	46	36	-
Yarmouth	30.57	44	Sy	1	f	30.46	- .10	40	38	- 1	WSW	3	o	2	44	38	-
The Helder ...	30.57	42	Sy	1	o	30.47	- .09	40	29	- 1	Sy	3	c	3	43	37	-
Cape Griz Nez ...	30.63	37	Sy	1	nv	30.58	- .15	41	40	- 2	WNW	5	o	4	46	34	-
Jersey	30.63	37	SSE	1	nm	30.58	- .03	41	41	- 3	WSW	4	o	3	44	35	-
Brest	30.59	40	ESE	1	nv	30.54	- .02	47	45	+ 5	SW	4	o	4	47	36	-
Lorient	30.67	37	Sy	1	nv	30.68	- .02	47	44	- 2	SE	3	m	2	41	30	-
Rochefort	30.67	39	ESE	4	nv	30.68	+ .04	36	35	- 0	SE	3	m	2	41	30	-
Biarritz	30.55	46	E	1	o	30.58	- .04	36	35	- 10	E	4	b	1	52	31	-
Corunna	*	*	*	*	*	30.58	- .05	39	38	- 6	WSW	4	f	*	44	31	-
Brussels	*	*	*	*	*	30.62	- .00	30	30	- 3	S	5	m	4	36	30	-
Charleville ...	30.64	34	?	5	o	30.62	- .02	34	34	- 2	Z	0	f	*	36	30	-
Paris	30.60	36	NE	3	nv	30.68	- .02	34	-	- 2	W	1	*	*	36	31	-
Lyons	30.67	38	N	1	f	30.67	+ .05	32	31	- 2	SE	1	f	*	36	31	-
Toulon	30.61	47	Z	0	nv	30.61	+ .06	45	41	+ 3	NW	3	b	2	58	44	-
Hawes Junction	29.15	42	WSW	6	nm	29.97	- .22	42	40	+ 1	WSW	7	r	*	43	37	0.09

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).

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 bars and feathers refer to force, thus —

— force above 10 — forces 3 to 10;

— force 5 to 7 — forces 1 to 4;

○ = dead calm.

Sea Disturbance — where considerable or down thus

— Rough.

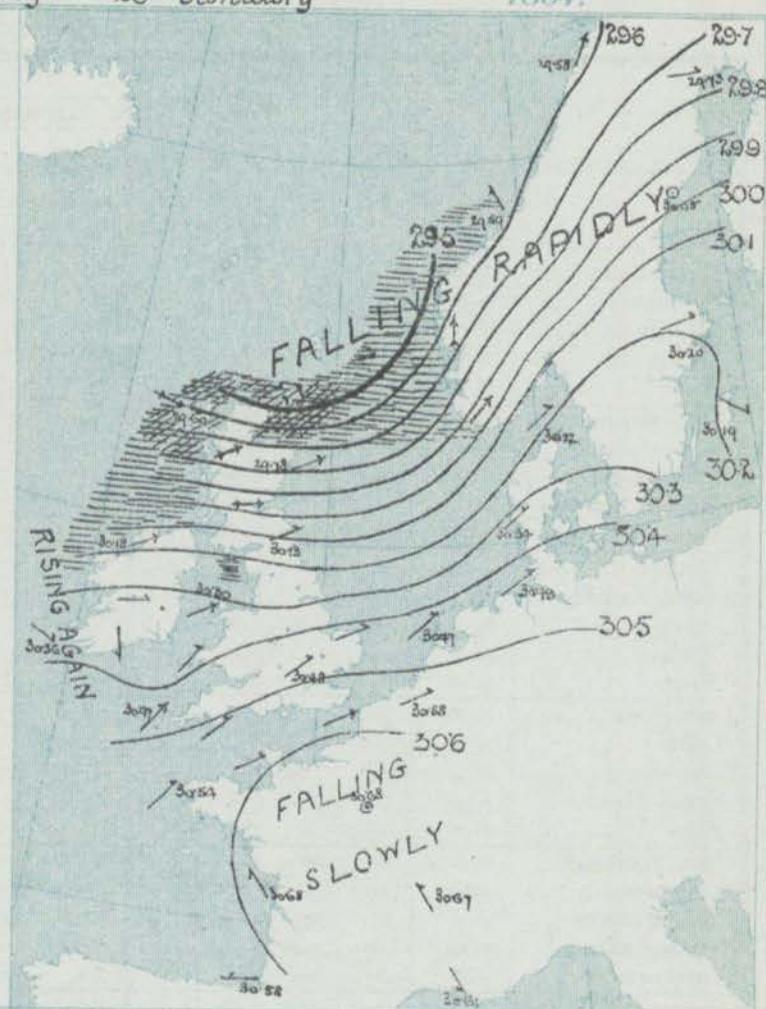
— High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of January

During the 10 Years 1871—1880.

STATIONS.	MEAN READING
Sumburgh Head	29.661
Stornoway	29.673
Wick	29.697
Nairn	29.739
Aberdeen	29.763
Leith	29.818
Shields	29.865
York	29.916
Ardrossan	29.917
Donaghadee	29.926
Bolshand	29.935
Liverpool	29.966
Valencia	29.959
Rockes Point	29.988
Pembroke	29.993
Sidley	29.995
Hurst Castle	29.995
Dover	30.002
LONDON	29.987
Oxford	29.994
Cambridge	29.975
Yarmouth	29.964



REMARKS.

for Sunday 20th January

1884. at 8 a.m.

In the course of the past night a very deep depression has shifted the Scotch cone in a NE^W 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 Stornoway fell as much as 0.96in., 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 northwest of Scotland as the barometer is rising again on our W. and N. coast, but in the E. and S. it is falling a little. An anticyclone with readings above 30-tain still lies over France. Light SE^E breezes prevail in the south of France, and light or moderate SW^S gales over England, but in Scotland there is a fresh to strong NW^N gale, while at Shetland there is a gale from S. A fresh SW^S gale prevailed last night in the W. of Ireland and a severe SW^S 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 Flenswick. During last night a little rain fell in Ireland and Scotland. Temperature has not changed much and reading 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 Ken-Ness Observatory it appears the barometer there at 8pm stood at 25.07in. with a moderate gale from SW. 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.
1 { SCOTLAND NORTH		6 { SCOTLAND WEST	
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.		8 { ENGLAND S.W.	
3 { ENGLAND EAST	None Issued	9 { IRELAND NORTH	
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND 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.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	30.26	45	45	WNW	4	0	4	Valencia	30.38	52	62	S	0	6
Sumburgh Head	30.17	47	40	N	5	b	5	Scilly	30.55	48	45	SSW	4	4
Stornoway	30.27	45	43	SSW	3	bc	3	Dover	30.42	45	43	WNW	3	1
Aberdeen	30.35	47	44	SW	1	c	1	London	30.60	48	44	WNW	1	*
Shields	30.40	57	48	SW	2	m	2	Yarmouth	30.56	44	42	WSW	1	2
Ardrossan	30.36	47	46	S	2	o	2	Jersey	30.62	37	37	ENE	2	m
Mullaghmore	30.36	57	50	SW	6	o	5	Rochefort	30.66	39	38	ESE	4	2
Holyhead	30.29	49	47	SSW	3	o	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 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	Baro. (0 to 12)	Shade Temp. (0 to 9).	Max.	Min.	Amount of Rainfall.
Haparanda	29.48	42	SW	8	G	29.35	- 70	30	?	- 3	Z	O	*	43	30	-	
Hernösand ...	29.68	39	WSW	8	G	29.52	- 68	31	55	+ 7	SW	G	*	41	27	-	
Stockholm ...	29.68	40	WSW	6	O	29.72	- 47	30	51	+ 1	WSW	F	*	41	36	-	
Wisby	29.93	40	WSW	6	O	29.72	- 47	30	51	+ 1	WSW	O	*	41	36	-	
Bodö																	
Christiansund ...	29.36	39	WSW	9	C	29.27	- 32	36	33	- 5	ESE	3	O	55	30	0.35	
Skudesnaes ...	29.85	45	W	8	O	29.52	- 22	42	39	- 2	W	8	O	46	?	0.20	
Oxö (Xiansund) ...	29.99	43	WSW	6	G	29.51	- 61	41	38	- 1	W	8	C	45	39	0.20	
Skagen (The Skaw) ...	30.02	42	W	7	G	29.51	- 71	42	40	0	W	9	O	43	39	-	
Fanö	30.19	41	WSW	4	O	29.82	- 46	43	41	+ 1	W	6	C	43	39	-	
Cuxhaven ...	30.28	41	SW	5	F	30.09	- 40	43	43	+ 2	WSW	6	O	*	?	31	0.02
† Sumburgh Head ...																	
† Stornoway ...																	
Wick	29.71	42	SW	5	O	29.93	+ 45	39	38	- 6	NW	6	Cph	46	34	0.20	
Nairn	29.80	44	WSW	5	A	29.99	+ 29	42	39	- 7	H	4	G	50	37	0.29	
† Aberdeen	29.88	45	SW	4	G	29.97	+ 19	42	38	- 6	WSW	4	G	49	38	0.05	
Leith	30.01	47	W	7	G	30.12	+ 17	43	42	- 7	W	4	*	50	40	0.12	
† Shields	30.18	46	WSW	3	Gm	30.23	+ 10	44	41	- 4	W	3	m	51	41	0.02	
Spurn Head ...	30.30	44	SSW	4	G	30.30	- 01	43	40	+ 1	W	4	6c	48	41	-	
York	30.29	46	WSW	1	G	30.30	+ 02	45	40	0	W	1	O	50	42	-	
Loughborough ...	30.36	47	SW	4	O	30.31	- 02	45	40	+ 4	W	5	cq	48	41	-	
† Ardrossan ...	30.07	47	SSW	4	O	30.22	+ 09	46	42	- 2	W	5	b	48	43	0.10	
† Mullaghmore ...	30.10	48	SW	1	A	30.32	- 14	44	41	- 2	SW	5	bem	50	41	0.09	
Donaghadee ...	30.13	47	SSW	6	G	30.35	+ 15	41	39	- 6	WW	5	C	49	40	0.01	
Parsonstown ...	30.29	48	SW	2	O	30.44	+ 13	44	42	- 1	SW	1	cq	51	42	0.01	
Barrow-in-Furness	30.26	45	WSW	5	B	30.30	+ 06	45	42	- 2	WSW	6	6c	48	44	0.15	
† Holyhead ...	30.31	47	SW	3	O	30.43	+ 13	46	41	- 3	WW	3	C	51	44	-	
Liverpool (Bidston) ...	30.30	45	SW	2	G	30.36	+ 07	44	41	- 5	W	6	b	51	44	-	
† Valencia	30.40	51	WSW	5	om	30.49	+ 13	51	50	+ 4	SW	4	o	53	45	0.07	
Roche's Point ..	30.43	49	W	3	G	30.49	+ 15	47	46	- 2	WW	5	8c	53	45	-	
Pembroke ...	30.40	48	SW	3	F	30.50	+ 12	49	48	0	W	4	B	50	46	0.01	
† Scilly	30.47	50	W	3	O	30.55	+ 08	49	48	- 1	W	4	O	50	48	0.02	
Prawle Point ...	30.48	49	SSW	3	A	30.51	+ 08	48	47	0	W	2	O	50	42	0.05	
Hurst Castle ...	30.48	49	SW	3	O	30.63	- 01	46	45	+ 1	W	3	C	49	43	0.03	
† Dover	30.49	45	WSW	4	Gc	30.47	- 06	43	42	+ 1	W	4	B	46	41	0.03	
London	30.46	48	SW	2	O	30.49	+ 01	45	44	+ 3	S	2	6c	*	51	42	0.01
Oxford	30.41	49	SW	3	O	30.45	- 02	48	46	+ 5	WSW	3	C	51	43	-	
Cambridge ...	30.40	43	SW	1	O	30.43	- 02	46	44	+ 5	H	1	O	*	51	39	-
† Yarmouth ...	30.39	46	WW	2	m	30.39	- 07	45	43	+ 5	W	3	C	47	39	-	
The Helder ...	30.31	43	SW	3	O	30.25	- 22	45	43	+ 5	WSW	5	B	45	39	-	
Cape Griz Nez ...	30.49	42	SW	5	O	30.50	- 03	46	45	+ 5	W	5	C	41	39	0.04	
† Jersey	30.55	45	SW	3	O	30.60	+ 02	47	47	+ 6	W	3	om	48	41	0.02	
Brest	30.54	49	S	3	O	30.58	+ 04	46	46	- 1	NE	1	B	50	36	-	
Lorient																	
† Rochefort ...	30.70	34	NR	3	m	30.74	+ 06	34	33	- 2	SE	1	m	28	-		
Biarritz	30.60	43	SE	1	Bc	30.60	+ 02	41	39	+ 5	E	5	O	54	32	-	
Corunna	*	*	*	*	*	30.50	- 08	39	39	+ 6	WSW	5	f	*	39	?	-
Brussels	*	*	*	*	*	30.50	?	32	31	+ 2	?	5	m	*	33	?	-
Charleville ...	30.58	33	?	5	O	30.69	+ 01	37	36	+ 3	Z	0	m	*	*	*	-
Paris	30.67	34	Z	0	m	30.69	+ 01	37	36	+ 3	Z	0	m	*	*	*	-
Lyons	30.62	32	W	1	m	30.66	- 01	29	29	- 3	NE	1	m	*	37	28	-
Toulon	30.51	45	NW	5	Bc	30.57	- 10	42	39	- 3	E	3	m	3	55	39	-
Hawes Junction	28.98	40	W	3	O	29.00	+ 03	58	56	- 5	W	3	O	*	44	36	0.12
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. (Christiana time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.																	
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).																	

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

BAROMETER, WIND & SEA.

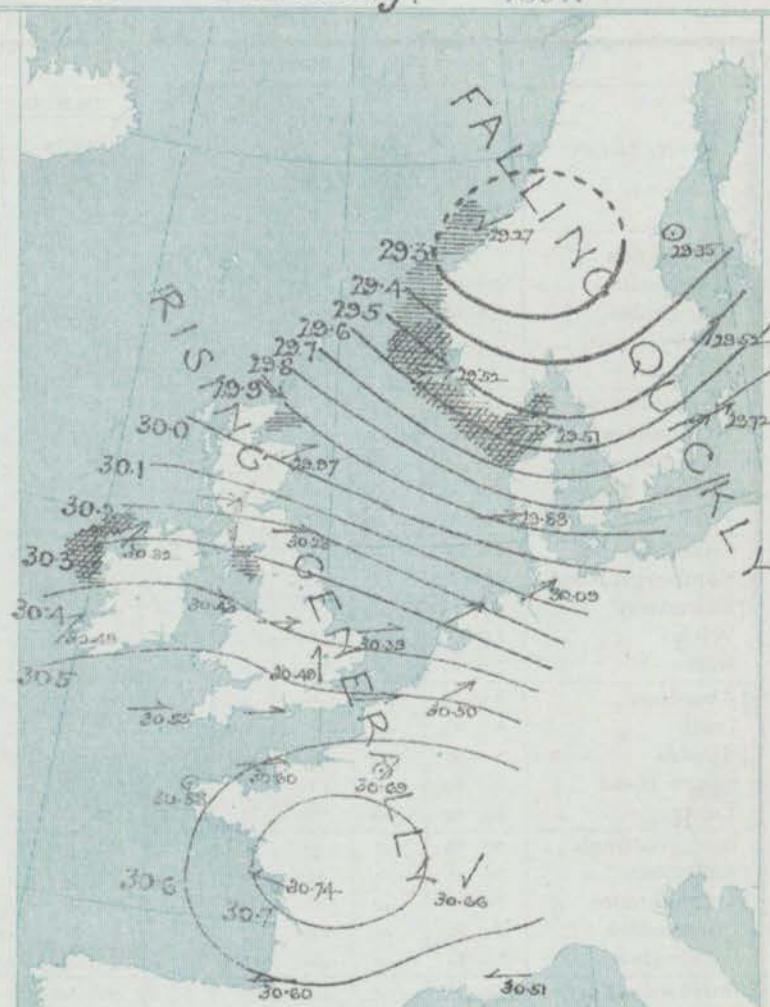
(Explanation of Map)

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 herbs and feathers roll to leeward, thus —

\rightarrow - forces above 10; \leftarrow - forces 8 to 10;
 \longrightarrow - forces 6 to 7; \longleftarrow - forces 1 to 4;
 \odot - dead calm.

MEAN HEIGHT of the BAROMETER

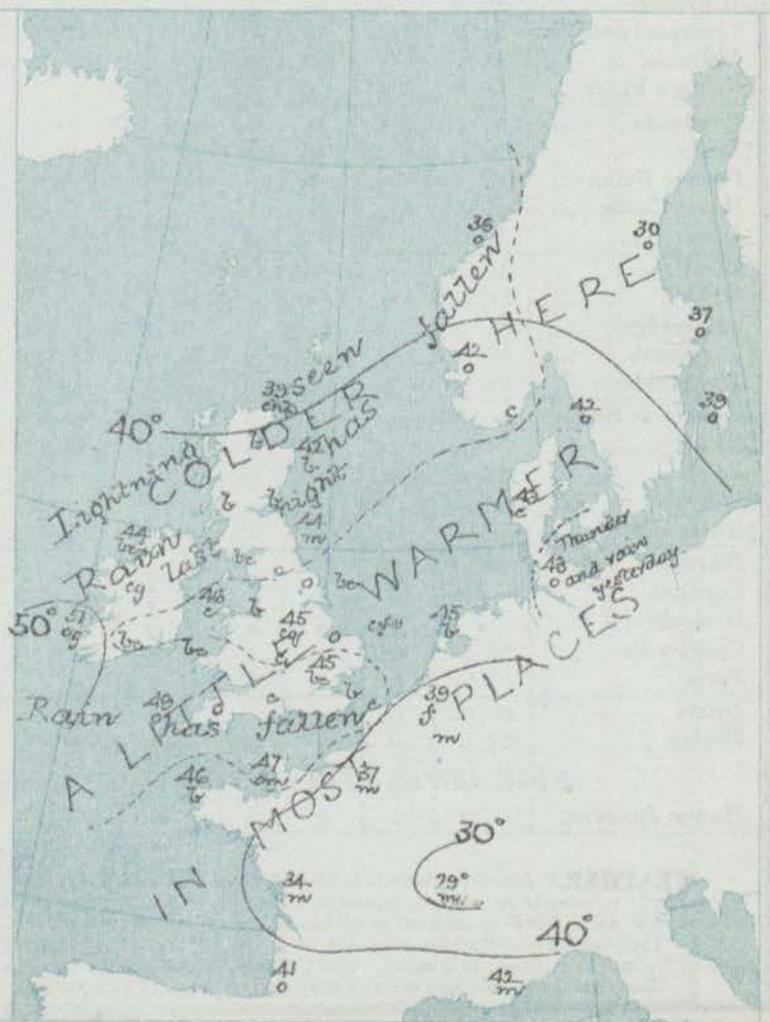


**TEMPERATURE & WEATHER at 8 A.M.,
with RAINFALL in PAST 24 HOURS.**

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

for the month of January

Note.—The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 15 years 1896-190.



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 30⁴ in. still lies over France. W³ or SW³ 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. W³ 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 readings range from 5° 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 Kairn and Barrow-in-Furness, 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 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	W ³ and SW ³ winds, moderate to strong; fair to unsettled and showery.	6 { SCOTLAND WEST	W ³ winds, strong and gusty; changeable, some showers.
, { SCOTLAND EAST Do Do Do	7 { ENGLAND N.W. Do Do Do
2 { ENGLAND N.E. Do Do Do	8 { ENGLAND S.W.	Same as No. 5.
3 { ENGLAND EAST	Same as No. 5.	9 { IRELAND NORTH	SW ³ and W ³ winds, strong; changeable, some showers.
4 { MIDLAND COUNTIES	Same as No. 5.	10 { IRELAND SOUTH Do Do Do
5 { ENGLAND SOUTH	W ³ 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. & NW.) dry. The week opened with the highest pressures (about 30.6 ins.) over the Bay of Biscay & off our SW. 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.^{ly} of moderate force, while the mean 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. Thus while the wind remained W.^{ly} over the North Sea & our E. counties it backed to the SW.^{ward} on our W. coast, & freshened), E. to SE. 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 NW. coast & very severe gales from SW. & 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/- 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.B. 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

Meteorological Office

116 Victoria Street, London

Secretary

DAILY WEATHER REPORT

for Tuesday 22nd 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).	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	29.39	17	N	2	S	29.18	- 18	34	23	- 1	S	4	0	32	16	-	
Hernösand	29.31	25	E	0	S	29.17	- 18	30	29	0	SW	8	0	45	24	-	
Stockholm	29.52	33	N	6	G	29.53	+ 01	34	32	- 3	S	6	0	41	32	0.08	
Wisby	29.61	38	NW	9	O	29.76	+ 04	36	35	- 3	SW	6	0	41	36	-	
Bodö	29.37	27	E	2	Sc	28.58	- 59	31	29	+ 1	E	4	2	27	-	-	
Christiansund	29.56	37	WNW	4	O	28.91	- 36	42	38	+ 6	N	9	0	6	30	0.08	
Skudenesnaes	29.95	44	WSW	8	O	29.45	- 07	46	44	+ 4	WSW	7	0	6	2	-	
Oxö (Xtiansund)	29.97	43	N	6	G	29.49	- 02	45	44	+ 4	SW	9	1	5	?	0.20	
Skagen (The Skaw)	29.95	42	N	8	Sc	29.68	+ 07	44	44	+ 7	WSW	9	1	45	34	-	
Fanö																	
Cuxhaven	30.16	42	N	6	Sc	30.08	- 01	42	42	- 1	WSW	7	0	43	36	-	
Sumburgh Head																	
Stornoway	29.50	50	SSW	9	N	29.54	- 13	39	39	- 1	N	5	0	50	37	0.29	
Wick	29.55	46	SSW	6	Sc	29.53	- 10	38	36	- 1	NNW	5	0	50	37	0.09	
Nairn	29.73	50	WSW	1	G	29.60	- 39	43	41	+ 1	WSW	5	0	52	40	0.14	
Aberdeen	29.93	44	SSW	6	Cq	29.60	- 37	46	42	+ 4	W	3	0	52	40	-	
Leith	30.03	50	W	4	6	29.72	- 50	48	47	+ 5	W	4	0	52	43	0.10	
Shields	30.21	48	N	5	m	29.80	- 13	50	49	+ 6	WSW	3	0	50	40	-	
Spurn Head	30.36	44	SSW	4	Sc	30.01	- 29	46	44	+ 3	SW	5	0	46	41	-	
York	30.35	46	W	2	O	29.98	- 32	50	49	+ 5	SW	5	0	50	43	-	
Loughborough	30.43	40	SW	2	G	30.09	- 28	48	45	+ 3	SW	6	0	50	44	-	
Ardrossan	30.11	47	SSW	4	O	29.76	- 16	46	46	0	W	4	0	48	42	0.47	
Mullaghmore	30.04	49	SW	8	0gm	29.81	- 51	47	47	+ 3	SW	2	0	51	44	0.47	
Donaghadee	30.13	48	WSW	3	O	29.81	- 54	50	50	+ 9	W	6	1	50	40	0.03	
Parsonstown	30.25	48	SSW	2	C	29.94	- 50	51	50	+ 7	SW	3	1	53	42	-	
Barrow-in-Furness	30.31	46	3	5	G	29.91	- 39	47	46	+ 2	SSW	9	1	48	44	0.05	
Holyhead	30.35	47	SSW	4	0gm	30.01	- 42	49	48	+ 3	WSW	4	1	50	41	0.04	
Liverpool (Bidston)	30.36	49	SSW	3	G	29.99	- 37	51	48	+ 7	SW	6	0	51	44	-	
Valencia	30.24	51	SSW	7	0	30.02	- 47	53	53	+ 2	S	8	0	53	49	0.12	
Roche's Point	30.42	47	SW	5	O	30.10	- 34	50	50	+ 3	SW	6	1	52	46	0.10	
Pembroke	30.47	47	WSW	4	6	30.15	- 35	49	49	0	WSW	6	0	49	46	0.02	
Scilly	30.34	48	SSW	5	O	30.33	- 22	50	50	+ 1	SSW	6	0	51	49	-	
Prawle Point	30.57	46	SW	3	O	30.35	- 22	49	48	+ 1	SW	6	0	49	44	0.01	
Hurst Castle	30.58	47	WSW	3	C	30.81	- 16	47	46	+ 1	WSW	6	0	49	45	-	
Dover	30.53	45	WSW	1	G	30.36	- 11	46	45	+ 3	WSW	5	0	51	42	-	
London	30.52	47	SW	2	Sc	30.31	- 18	49	45	+ 4	WSW	5	0	52	45	-	
Oxford	30.48	48	SW	4	O	30.23	- 22	48	46	0	SW	6	0	52	45	-	
Cambridge	30.48	41	N	1	C	30.20	- 23	49	46	+ 3	SW	3	0	51	40	-	
Yarmouth	30.47	43	SW	2	Sc	30.17	- 22	46	44	+ 1	SW	5	0	49	41	-	
The Helder	30.44	42	WSW	3	G	30.19	- 06	44	43	- 1	SW	7	0	43	43	-	
Cape Griz Nez	30.53	46	W	3	G	30.36	- 14	45	44	- 1	W	5	0	48	45	-	
Jersey	30.62	46	SW	3	0gm	30.46	- 14	45	44	- 2	SW	5	0	48	44	0.01	
Brest	30.62	48	S	3	O	30.47	- 11	49	46	+ 3	SW	5	0	52	43	-	
Lorient	30.61	46	SW	4	C	30.49	- 16	48	44	+ 1	WSW	5	0	50	41	-	
Rochefort	30.70	40	ENE	3	m	30.66	- 08	40	40	+ 6	SE	1	0	45	30	-	
Biarritz	30.60	43	F	1	O	30.56	- 04	37	36	- 4	E	3	0	51	36	-	
Corunna	*	*	*	*	*									*			
Brussels	*	*	*	*	*									37	?	0.02	
Charleville	30.63	37	WNW	1	O	30.53	?	37	36	+ 5	SW	4	0	37	?	-	
Paris	30.74	42	SW	1	O	30.62	- 07	38	37	+ 1	NNW	1	+	37	?	-	
Lyons	30.72	32	WNW	1	m	30.65	- 01	34	33	+ 5	S	1	1	48	?	-	
Toulon	30.56	47	SE	1	m	30.58	+ 07	43	42	+ 1	E	3	0	50	41	-	
Hawes Junction	29.04	42	W	2	O	28.66	- 34	13	13	+ 5	WSW	4	1	44	29	0.42	

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).

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 bars 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

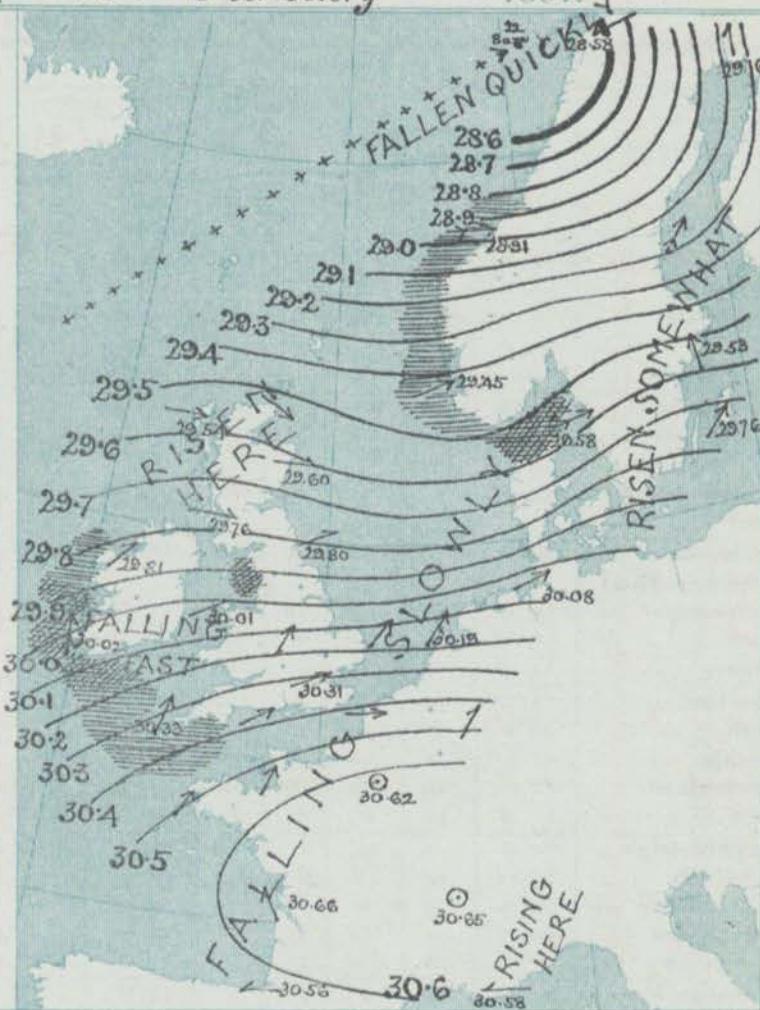
— Rough — High.

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	29.977
Donaghadee	29.928
Holyhead	29.935
Liverpool	29.986
Valencia	29.952
Rockes Point	29.983
Pembroke	29.913
Selby	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.982
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.

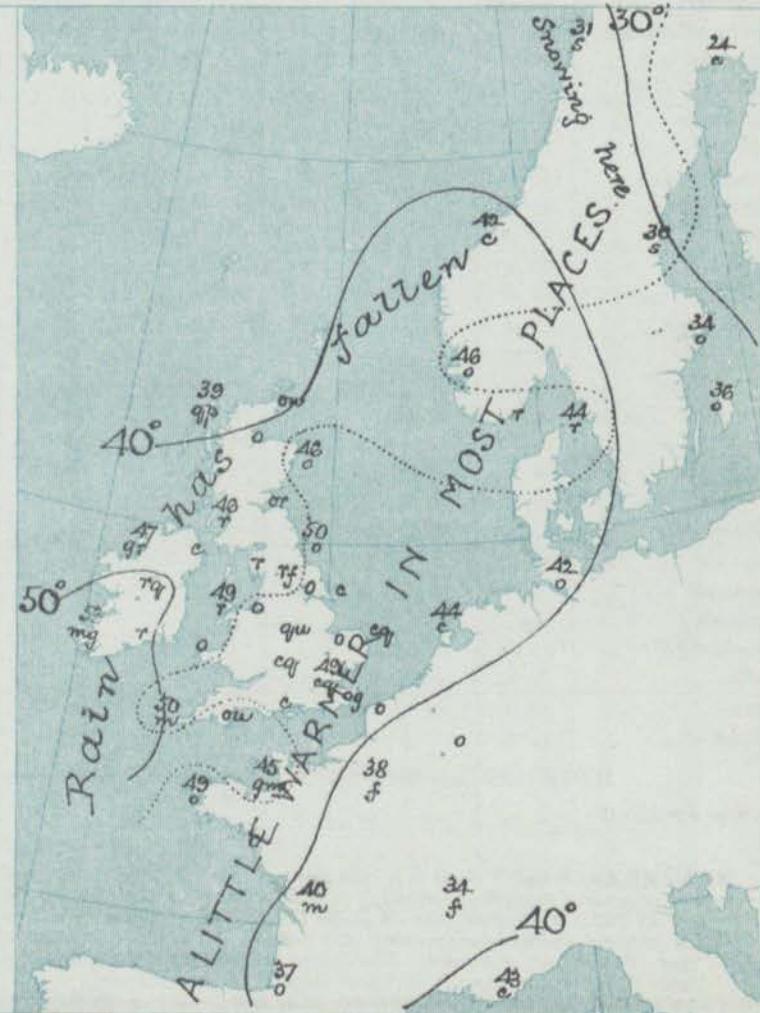
Falls of 0.5 in. or more, are quoted in figures.

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	36.9	37.6	5.28
Wick	37.9	36.5	1.60
Nairn	36.9	35.8	1.89
Aberdeen	37.3	36.7	2.42
Leith	36.2	37.2	2.02
Shields	37.8	36.6	1.88
York	36.9	35.8	1.88
Ardrossan	36.1	36.4	4.86
Donaghadee	34.7	36.8	3.03
Holyhead	37.7	40.3	3.73
Liverpool	38.8	37.8	2.46
Valencia	44.1	43.3	7.22
Rockes Point	46.1	42.0	5.68
Pembroke	42.8	41.3	4.10
Selby	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.38
Dover	39.6	38.4	3.03
LONDON	36.7	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 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^{SE} in the south of France, but is fresh or strong from S^W. or W. in all other parts of Western Europe with strong gale 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 Scaw, 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^N 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	S ^W ^E and W ^E Winds, strong, a gale at times, unsettled showery.	6 { SCOTLAND WEST	Same as N ^o 0 and 1.
1 { SCOTLAND EAST D ^E D ^E D ^E	7 { ENGLAND N.W.	Same as N ^o 0 and 1.
2 { ENGLAND N.E.	Same as N ^o 5.	8 { ENGLAND S.W.	S ^W ^E to W ^E strong winds and gales; squally, rainy.
3 { ENGLAND EAST	Same as N ^o 5	9 { IRELAND NORTH	W ^E Winds, strong, a gale at times, squally, showery.
4 { MIDLAND COUNTIES	Same as N ^o 5.	10 { IRELAND SOUTH D ^E D ^E D ^E
5 { ENGLAND SOUTH	S ^W 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.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudenesnaer	29.81	43	40	W.W	9	C	6	Valencia	30.41	50	50	S.W	6	o m d	6
Sumburgh Head								Scilly	30.51	49	48	S.W	3	m	4
Stornoway	29.85	46	45	S.S.W	8	o m	6	Dover	30.52	50	47	W.W.W	2	b	1
Aberdeen	30.07	44	41	S	4	B	2	London	30.63	52	47	W	2	o	*
Shields	30.24	47	43	W	+	o m	2	Yarmouth	30.46	47	46	W	3	b.m	2
Ardrossan	30.21	46	44	S.E.W	4	o	3	Jersey	30.63	47	47	W.S.W	2	b	3
Mullaghmore	30.18	50	48	S.W	7	o g m	7	Rochefort	30.75	41	39	S.S.E	3	m	2
Holyhead	30.42	49	47	S.S.W	3	O	3								

REMARKS.

The barometer is again falling briskly in the W. of Ireland, where also the wind is increasing from the SW. At Cork the appearance is reported to be very threatening. At our S^o and E^o stations the barometer still rises slowly, with light or moderate W^W breezes and generally fair weather. The sea is slight at Holyhead, smooth at Dover.

DAILY WEATHER REPORT

for Wednesday 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.			SHADE TEMP.			WIND.		Weather	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)	Sat. (0 to 3).		Max.	Min.			
Haparanda	28.58	24	3	2	F	28.59	- .77	19	19	- 5°	23	0	G	*	27	14	0.12		
Hernösand	28.67	31	SW	2	G	28.63	- .64	35	36	+ 5°	NW	8	C	*	36	14	-		
Stockholm	24.12	38	W	6	G	28.65	- .61	34	32	0°	W	6	B	*	43	27	-		
Wisby	24.32	41	WSW	8	E	28.98	- 7°	38	37	+ 2°	WNW	6	O	*	43	32	-		
Bodö	28.36	37	W	2	O	28.40	- 18	32	31	+ 1°	NW	8	O	A	32	28	-		
Christiansund	28.68	87	WSW	9	m	29.00	+ .09	38	28	- 9°	NW	9	Ec	T	27	0.89			
Skedesnaes	29.28	41	W	8	O	29.34	+ 11	31	33	- 9°	NNW	8	O	6	46	?	-		
Oxö (xiānsund)	29.31	42	W	6	O	29.58	+ 21	38	35	- 7°	W	6	Ec	A	45	36	0.04		
Skagen (The Skaw)	29.24	42	W	6	O	29.23	- 35	39	35	- 8°	NNW	9	G	9	46	37	-		
Fanö	29.39	44	WSW	6	A	29.56	+ 24	30	32	+ 5°	W	6	Ec	*	45	37	0.83		
Cuxhaven	29.83	44	WSW	8	A	29.70	- 38	42	42	0°	NNW	4	Ec	*	46	35	0.40		
† Sumburgh Head																			
† Stornoway	29.47	37	W	4	om	29.20	- 34	40	40	+ 1°	S	7	Aq	6	40	32	0.24		
Wick	29.42	35	W	3	60	29.27	- 24	38	34	0°	S	3	Ov	2	40	30	0.14		
Nairn	29.48	33	WSW	2	O	29.34	- 26	37	35	- 6°	SE	3	O	2	33	33	0.02		
† Aberdeen	29.47	41	W	2	O	29.45	- 15	36	34	- 10°	S	1	O	1	47	38	-		
Leith	29.54	45	W	2	A	29.43	- 29	41	39	- 7°	SSE	1	Cm	*	48	37	0.32		
† Shields	29.59	53	WSW	4	m	29.53	- 21	42	40	- 8°	SSW	5	Om	2	54	40	0.14		
Spurn Head																			
York	29.65	58	SSW	5	O	29.65	- 35	42	41	- 8°	S	1	A	9	54	41	0.12		
Loughborough	29.82	51	EW	1	A	29.69	- 10	45	44	- 3°	SSE	2	Ogn	*	54	45	0.28		
Ardrossan	29.56	42	W	2	nm	29.33	- 43	44	43	- 2°	SSE	4	R	3	47	41	0.41		
Mullaghmore	29.61	44	W	5	nm	29.04	- 71	49	48	+ 2°	S	8	Ogn	6	51	44	0.91		
Donaghadee	29.54	44	W	3	A	29.36	- 46	44	42	- 6°	NNW	4	R	2	54	40	0.45		
Parsonstown	29.73	52	EW	5	A	29.33	- 61	53	52	+ 2°	SW	5	Aq	*	55	46	0.55		
Barrow-in-Furness	29.59	49	SW	8	A	29.49	- 42	42	42	- 6°	S	6	A	T	55	42	0.35		
† Holyhead	29.73	51	SSW	5	O	29.30	- 62	48	47	- 1°	S	3	R	3	53	43	0.31		
Liverpool (Bidston)	29.67	51	SW	6	A	29.54	- 45	43	43	- 8°	SE	3	R	3	54	43	0.24		
† Valencia	29.67	54	WSW	8	omg	29.46	- 56	55	54	+ 2°	EW	9	Om	1	55	49	0.56		
Roche's Point	29.89	49	EW	6	A	29.53	- 51	52	52	+ 2°	NNW	7	R	5	54	47	0.66		
Pembroke																			
† Scilly	30.16	52	SW	7	m	29.88	- 45	62	52	+ 2°	SW	7	m	7	53	253	0.05		
Prawle Point	30.15	?	SW	7	O	29.88	- 47	50	52	+ 1°	SW	6	b	6	50	47	0.23		
Hurst Castle	30.04	49	WSW	7	O	29.85	- 51	49	49	+ 2°	SW	8	odf	4	50	46	0.06		
Dover	30.11	47	WSW	6	omh	29.81	- 49	48	49	+ 2°	NNW	5	om	4	51	45	0.16		
† London	30.03	51	WSW	7	oq	24.81	- 59	51	50	+ 2°	SSE	2	O	*	53	48	0.14		
Oxford	29.93	52	SW	6	O	26.77	- 46	51	50	+ 3°	SW	4	R	*	53	48	0.04		
Cambridge	29.90	53	SW	4	O	29.75	- 45	51	50	+ 2°	SW	1	O	*	55	49	0.04		
† Yarmouth	29.88	50	WSW	6	oq	29.76	- 41	43	42	- 3°	SSE	3	Cg	3	51	42	0.08		
The Helder	29.79	46	SW	8	A	29.81	- 38	43	42	- 1°	NNW	1	C	3	48	43	0.67		
Cape Griz Nez	30.13	46	W	9	O	29.90	- 46	48	48	+ 3°	WSW	7	R	5	48	45	0.20		
† Jersey	30.31	48	SW	6	oq, w	30.03	- 43	51	50	+ G	SW	6	omw	4	51	44	-		
Brest	30.34	50	SW	5	O	30.11	- 36	51	51	+ 2°	NNW	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	30.87	41	G	1	C	30.56	- 30	43	40	+ 6°	S	3	C	3	46	?	-		
Corunna	*	*	*	*	*	24.94													
Brussels	*	*	*	*	*	30.11	- 42	41	40	+ 4°	SW	8	A	*	47	41	0.12		
Charleville	? 30.36	35	SW	1	O	30.28	- 34	45	44	+ 7°	SE	1	O	*	35	35	0.28		
Paris	30.46	89	S	1	O	30.28	- 34	45	44	+ 7°	S	4	O	*	*	*	-		
Lyons	30.56	31	S	1	A	30.49	- 16	27	27	- 7°	SSW	1	R	0	37	27	?		
Toulon	30.59	46	W	1	C	30.51	- 07	42	39	- 1°	NNW	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	?	WSW	7	A	28.30	- 36	38	37	- 5°	WSW	9	O	*	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.

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

WEATHER

for 8 a.m. on

Wednesday

CHARTS

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 bars and feathers refer to force, thus —

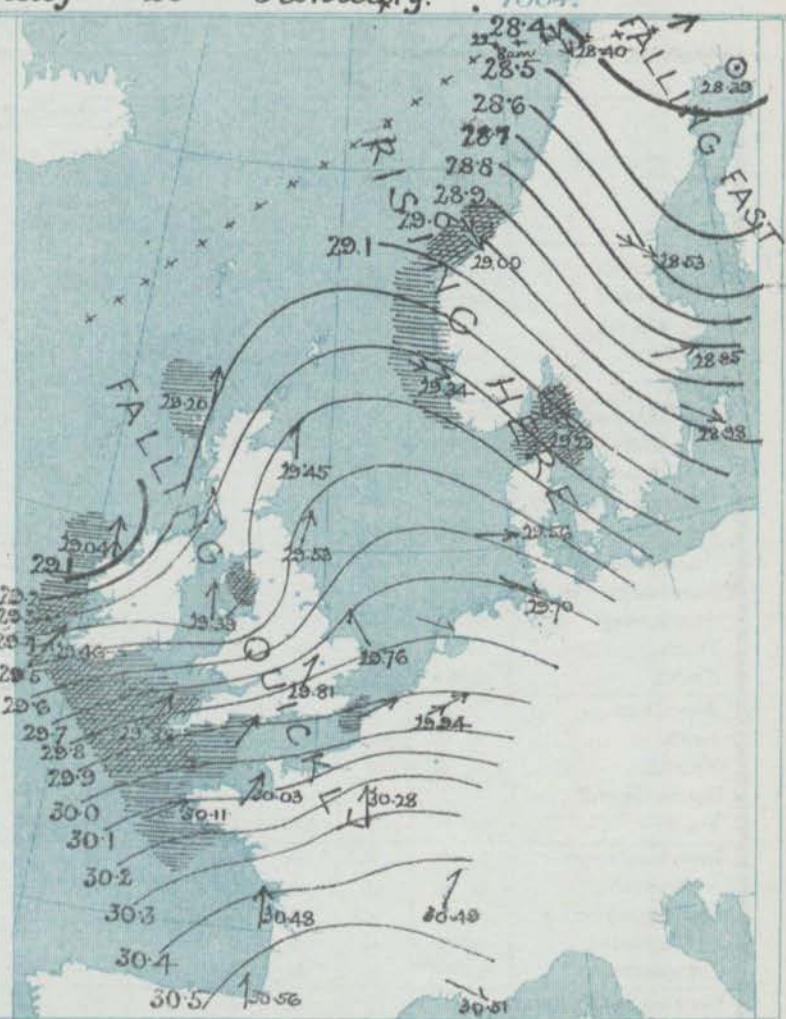
— forces above 10; — forces 8 to 10;
— forces 5 to 7; — forces 1 to 4;
○ = dead calm.

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
Stornoway	29.651
Wick	29.627
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.877
Donaghadee	29.828
Holyhead	29.825
Liverpool	29.806
Valencia	29.852
Rock's Point	29.883
Pembroke	29.913
Silly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.930
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.

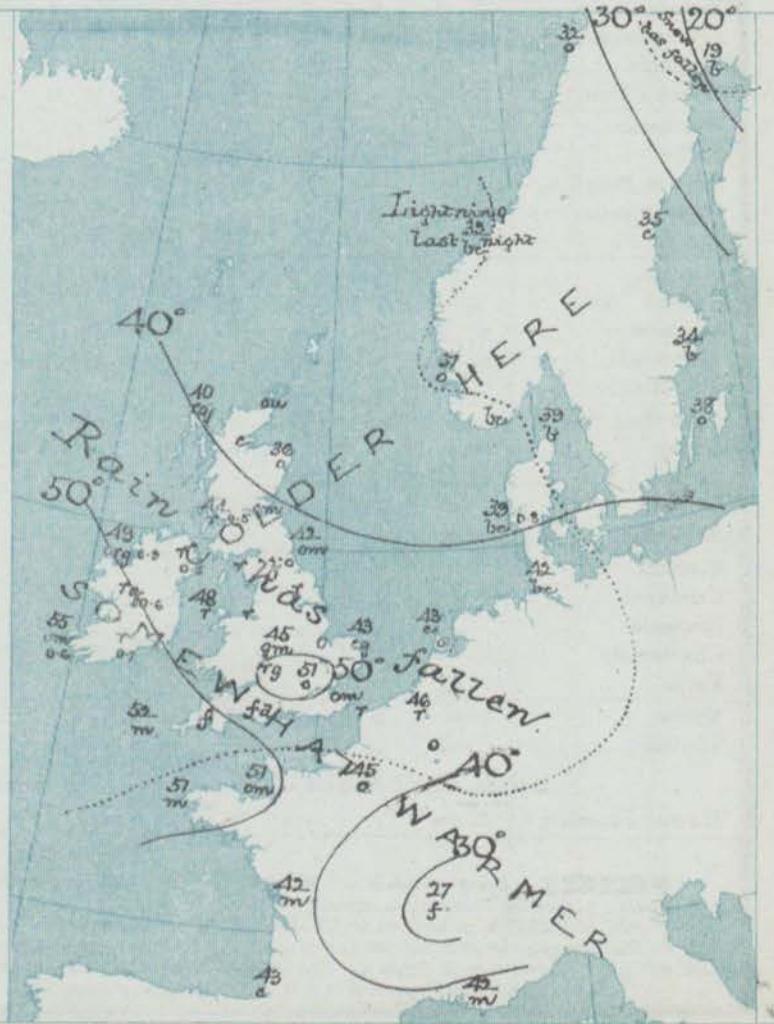
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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	37.3	0.72
Stornoway	38.9	37.6	5.28
Wick	37.9	36.5	7.86
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	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
Rock's Point	46.1	42.0	5.68
Pembroke	42.8	41.3	4.13
Silly	46.5	45.0	4.24
Hurst Castle	40.7	40.0	3.28
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	1.68
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 Wednesday 23rd January.

1884, at 8 a.m.

The weather over Western Europe remains in an exceedingly rough and unsettled condition. The depression which was approaching Ireland yesterday morning passed across the country in an easterly direction during the day, but a new disturbance is now advancing towards our western coast, and the barometer is falling generally rapidly in Ireland. The anticyclone recently noticed over Central France has moved to the south of that country, between which locality and the north of Scandinavia there is a difference of pressure amounting to more than 2 inches. Strong SWth winds or gales are blowing on our western and southern coasts, and Wth or NWth gales in Scandinavia; but in the eastern parts of Great Britain the wind is at present moderate from the Sth. During last night fresh SWth gales blew in the west and south of our Islands. The weather is fine at some of the Scandinavian stations, but cloudy, squally and rainy elsewhere. In the course of the past twenty-four hours rain has fallen generally, the amount at the western stations being rather heavy. Temperature remains very high in the west and south, and readings range from 55° at Valencia to 36° at Aberdeen. The sea is rough or high on all but our east coasts.

At the summit of Ben Nevis the barometer at 8 a.m. stood at 24.67 ins., having fallen 0.36 in. since 4 a.m. 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.

FORECASTS

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

1884.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

1 { SCOTLAND
NORTH

Sith to SWth winds, strong at times; unsettled, rainy.

6 { SCOTLAND
WEST

SWth to Wth strong winds and gales; squally, rain at times.

, { SCOTLAND
EAST

---- Do ---- Do ---- Do ----

7 { ENGLAND
N.W.

---- Do ---- Do ---- Do ----

2 { ENGLAND
N.E.

Same as No 5.

8 { ENGLAND
S.W.

SWth to Wth strong winds and gales; squally and rainy at first, some improvement later.

3 { ENGLAND
EAST

Same as No 5.

9 { IRELAND
NORTH

---- Do ---- Do ---- Do ----

4 { MIDLAND
COUNTIES

Same as No 5.

10 { IRELAND
SOUTH

---- Do ---- Do ---- Do ----

5 { ENGLAND
SOUTH

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

WARNINGS

The South cone is still up on all coasts.

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	54	SW	9	nm g	8
Sumburgh Head								Scilly	30.23	53	52	SW	7	o	6
Stornoway	29.50	39	39	SW	5	4 p	4	Dover	30.20	46	46	WSW	7	over	5
Aberdeen	29.87	46	43	WSW	2	0	3	London	30.15	52	50	SW	6	odg	*
Shields	29.61	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	o	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 NW winds are general and a SW⁴ 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	BAROMETER.		SHADE TEMP.		WIND.		Weather:	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.			Max.	Min.			
Haparanda																		
Hernösand																		
Stockholm																		
Wisby																		
Bodö																		
Christiansund																		
Skudesnaes																		
Oxö (xtiansund)																		
Skagen (The Skaw)																		
Fanö																		
Cuxhaven	24.29	44	S	6	A	28.79	- .91	42	42	0	NNW	8	N	*	40	40	0.72	
† Sumburgh Head																		
Stornoway	28.90	39	NW	4	O	29.29	+ .09	34	33	- 6	NNW	7	S	5	41	32	1.08	
Wick	28.80	58	SE	7	A	29.24	- .03	31	30	- 7	NNW	5	S	5	39	30	0.54	
Nairn	28.72	37	E	6	A	29.38	+ .04	34	33	- 3	NNW	6	O	4	38	32	0.35	
† Aberdeen	18.53	59	NE	5	A	29.34	- .11	34	31	- 2	N	4	G	5	40	33	0.87	
Leith	28.51	58	SW	6	C	29.51	- .08	34	32	- 7	NNW	3	B	4	47	32	0.21	
† Shields	28.54	46	WNW	9	A	29.52	- .01	35	32	- 7	N	6	M	4	51	34	0.44	
Spurn Head																		
York	28.87	45	W	8	B	29.62	- .01	36	34	- 6	N	2	G	4	62	35	0.51	
Loughborough	29.16	46	NNW	8	B	29.74	+ .05	37	34	- 8	NNW	5	B	4	53	37	0.39	
† Ardrossan	28.71	42	NNW	10	N	29.57	+ .24	36	36	- 8	NNW	6	B	5	49	35	0.42	
Mullaghmore																		
Donaghadee	29.13	41	NW	7	B	29.70	+ .35	36	34	- 8	NNW	5	B	3	50	34	0.59	
Parsonstown																		
Barrow-in-Furness	28.93	44	W	11	O	29.63	+ .14	39	37	- 3	NNW	6	B	7	49	38	0.78	
† Holyhead	29.17	46	NNW	7	A	29.81	+ .12	39	31	- 9	NNW	5	B	6	51	38	0.26	
Liverpool (Bidston)	29.06	46	NNW	9	O	29.70	+ .16	39	36	- 4	N	7	G	6	53	39	0.40	
Valencia	29.80	43	NNW	8	gnph	30.03	+ .57	40	41	- 12	N	6	gnph	6	53	38	0.19	
Roche's Point	29.67	42	NNW	8	A	29.99	+ .16	39	37	- 13	N	2	G	4	53	37	0.16	
Pembroke	29.42	47	W	9	C	29.93	+ .30	41	36	- 9	N	6	gnph	4	51	41	0.26	
Scilly	29.78	48	NNW	8	O	30.06	+ .18	45	45	- 7	NNW	6	gnph	7	53	45	0.07	
Prawle Point	29.66	46	W	9	O	29.90	+ .12	39	37	- 11	NNW	4	B	5	51	38	0.08	
Hurst Castle	29.53	47	W	9	E	29.91	+ .05	40	38	- 9	NNW	6	G	6	53	38	0.18	
† Dover	29.53	50	NNW	6	O	29.75	- .12	39	35	- 9	NNW	6	B	5	51	38	0.12	
London	29.30	47	W	8	O	29.79	- .02	34	35	- 12	N	5	B	4	54	39	0.11	
Oxford	29.38	44	NNW	7	O	29.82	+ .05	31	35	- 14	N	4	B	4	55	37	0.23	
Cambridge	29.20	45	SW	4	G	29.74	- .01	31	35	- 14	N	2	G	4	56	36	0.15	
Yarmouth	29.10	48	W	8	gnph	29.58	- .18	38	35	- 5	NNW	7	gnph	5	53	36	0.28	
The Helder																		
Cape Griz Nez																		
† Jersey	29.75	50	W	8	cm	30.02	- .01	43	39	- 8	NNW	6	cm	5	53	40	0.03	
Brest	29.91	50	NNW	7	G	30.08	- .03	44	41	- 7	NNW	5	C	5	52	41	-	
Lorient	29.96	50	NNW	8	M	30.15	- .23	45	41	- 4	NNW	7	O	4	54	41	0.04	
† Rochefort	30.22	51	SW	2	N	30.25	- .23	46	45	+ 4	NNW	5	O	2	54	41	0.20	
Biarritz	30.35	50	W	3	G	30.22	- .34	52	49	+ 9	NNW	4	O	3	54	37	0.04	
Cornwall	*	*	*	*	*	*	*							*				
Brussels	*	*	*	*	*	*	*							*				
Charleville	29.61	45	NNW	5	O	29.75	- .26	40	38	- 1	N	8	B	4	48	38	0.39	
Paris	29.87	47	S	5	O	29.99	- .29	42	39	- 3	NNW	3	B	4	53	36	0.12	
Lyons														*				
Toulon	30.32	44	NNW	5	M	30.12	- .39	45	43	+ 3	W	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	NNW	9	AU	27.80	- .50	32	31	- 6	NNW	4	B	*	47	?	0.75	

EXPLANATION OF COLUMNS.

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

* AN ASTERISK IS INSERTED IN ALL PLACES FOR WHICH INFORMATION IS NOT USUALLY RECEIVED.

† The evening observations are taken at 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 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 derived from the preceding 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 4 to 7;
○ = dead calm.

Sea Disturbance — where considerable is shown thus

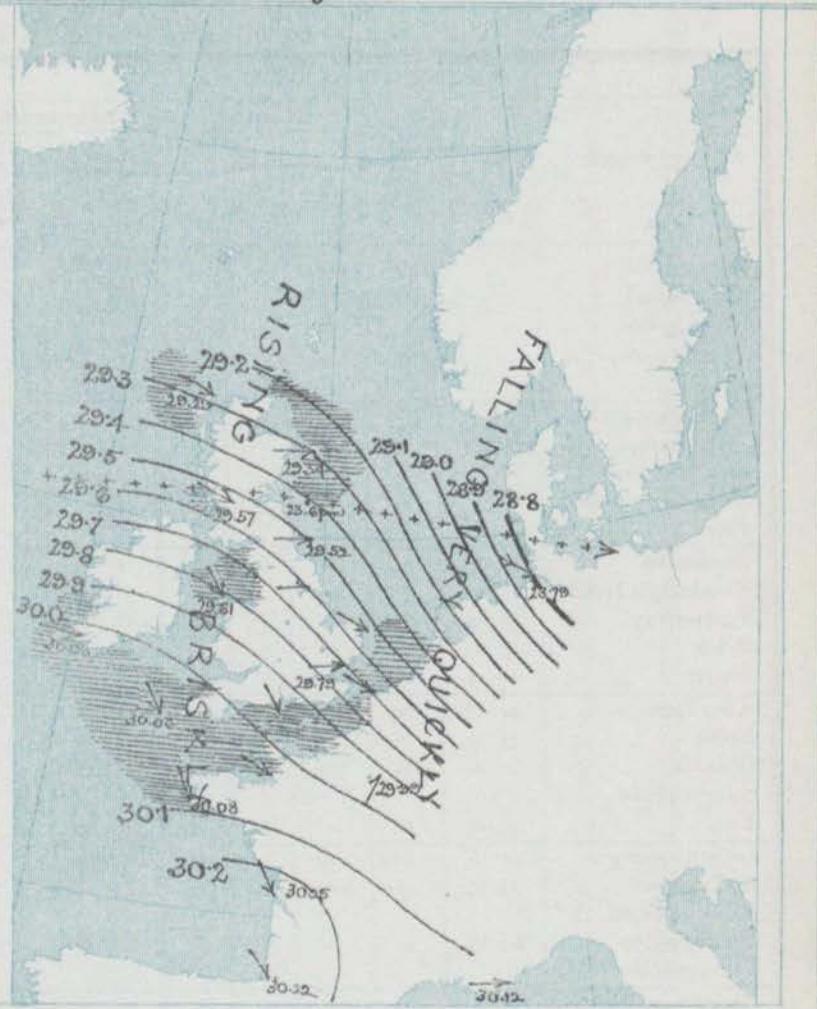
— Rough — — High

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	29.637
Nairn	29.729
Aberdeen	29.763
Leith	29.810
Shields	29.807
York	29.946
Ardrossan	29.972
Douglashead	29.938
Holyhead	29.936
Liverpool	29.906
Valencia	29.822
Rock's Point	29.803
Pembroke	29.713
Scilly	29.750
Burst Castle	29.726
Dover	30.007
LONDON	29.857
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.

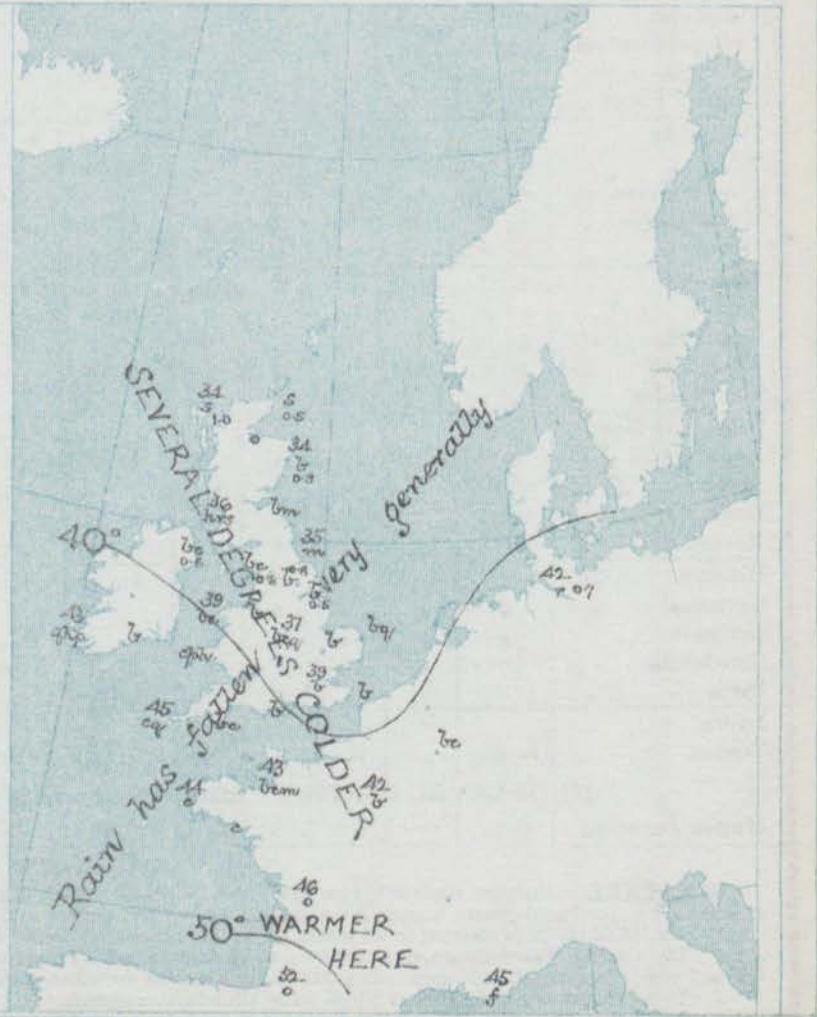
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5in. or more, are quoted in figures.

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

for the month of January.

STATIONS.	TEMPERATURE		RAINFALL
	Day Bulb.	Wet Bulb.	
Sumburgh Head	39.2	35.0	3.22
Stornoway	39.0	35.8	5.20
Wick	37.9	36.5	1.86
Nairn	36.9	35.3	1.02
Aberdeen	37.5	36.7	2.42
Leith	38.2	37.2	2.07
Shields	37.6	36.6	1.38
York	36.9	35.9	1.80
Ardrossan	40.2	33.4	4.86
Douglashead	39.7	38.6	2.63
Holyhead	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	41.8	4.18
Scilly	46.5	45.0	4.24
Burst 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	1.61
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 24th January

1884, at 8 a.m.

The depression which was approaching our western coasts 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^W or N W^W winds are reported generally, and at Cuxhaven there is a fresh gale. In the course of yesterday severe S W^W to W^W 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 amounts being 1 in. at Stromness, 0.9 in. at Aberdeen and 0.8 in. at Barrow-in-Furness. Temperature has fallen several degrees, and readings range from 45° at Scilly to 31° at Kirk. The sea is high at Barrow-in-Furness and Scilly, 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 8 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTHW^W winds, moderating;
changeable, snow showers.6 { SCOTLAND
WEST

Same as Nos 1 and 2.

1 { SCOTLAND
EASTW^W winds, fresh; fair generally.7 { ENGLAND
N.W.

Same as Nos 1 and 2.

2 { ENGLAND
N.E.

---- D. ---- D. ---- D. ----

8 { ENGLAND
S.W.W^W and N W^W winds, strong;
changeable, some cold showers.3 { ENGLAND
EAST

Same as No 5.

9 { IRELAND
NORTH

---- D. ---- D. ---- D.

4 { MIDLAND
COUNTIES

Same as No 5.

10 { IRELAND
SOUTH

---- D. ---- D. ---- D.

5 { ENGLAND
SOUTHN W^W to W^W winds, fresh or strong;
fair generally.

WARNINGS

None issued.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudenesnaes	29.15	37	33	E NE E	1	0	0	Valencia	29.60	47	46	W NW	9	0 mg	8
Sumburgh Head								Scilly	29.69	43	42	W	8	n	1
Stornoway	28.76	37	37	E NE E	5	+	5	Dover	29.50	49	48	W SW	7	0 m n	5
Aberdeen	28.76	37	36	SSE	7	+	6	London	29.40	53	52	W SW	6	0 g /	*
Shields	28.81	50	48	WSW	7	6m	2	Yarmouth	29.25	58	52	SW	7	0 g /	4
Ardrossan	28.56	45	44	SW	8	+	5	Jersey	29.78	52	52	SW	8	0	6
Mullaghmore								Rochefort	30.35	50	50	SW	8	4	2
Holyhead	29.13	46	43	WNW	7	+	6								

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 and W gales are blowing over the whole of Ireland and England and S^W gales in the E. of Scotland, with squally, rainy weather in all districts. The sea is rough both at Holyhead and Dorn.

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 82° F. and Sea Level.		Temp. in Shade.	Wind, Force (0 to 12)	WIND.				BAROMETER.		SHADE TEMP.		WIND.		Wind, Force (0 to 12)	Weather: Sea. (0 to 9).	SHADE TEMP.	
	Reading at 82° F. and Sea Level.	Difference from 8 a.m. yesterday.			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Wet.	Max.	Min.					Amount of Rainfall.	
Haparanda	29.00	5	S	1	G	29.02	+ 35	- 11	- 11	- 28	20	0	G	*	18	- 13	0.04	
Hernösand	29.12	11	Z	0	G	29.00	+ 04	10	9	- 4	20	0	G	*	21	7	-	
Stockholm	29.30	16	NNW	2	G	29.24	+ 21	26	24	+ 7	S	2	G	*	28	16	-	
Wisby	29.30	29	SW	6	G	29.37	+ 43	33	32	+ 3	N	6	G	*	34	28	-	
Bodö	28.90	22	NNW	2	G	28.66	- 23	21	19	- 2	NE	6	O	*	27	16	-	
Christiansund	28.76	33	WSW	6	O	28.58	- 25	31	30	+ 3	WSW	3	S	3	?	25	-	
† Skudenesnaes	29.19	37	W	8	C	28.84	- 27	43	40	+ 8	WSW	6	O	6	?	34	0.35	
Oxö (Christiansund)	29.22	35	WSW	6	O	29.03	+ 26	41	40	+ 12	S	9	X	5	?	32	0.12	
Skagen (The Skaw)	24.31	86	WW	3	S	29.23	+ 66	36	35	+ 5	S	1	X	1	37	28	-	
Fanö	29.52	38	W	6	S	29.89	+ 57	41	39	+ 1	WSW	6	C	*	41	34	-	
Cuxhaven	29.44	39	WW	6	O	29.62	+ 83	37	37	- 5	WSW	5	G	*	43	35	-	
† Sumburgh Head	29.04	34	W	5	G	28.58	- 22	35	32	-	WSW	1	C	6	39	29	0.17	
† Stornoway	29.27	35	WSW	4	O	28.82	- 47	32	33	0	W	6	CQ	5	38	31	0.58	
Wick	29.28	32	WW	5	S	28.77	- 17	32	31	+ 1	W	5	G	3	35	21	0.10	
Nairn	29.36	35	SW	3	O	28.98	- 42	32	31	- 2	S	2	O	2	37	31	0.22	
† Aberdeen	29.42	34	W	4	G	29.00	- 34	35	33	+ 1	W	4	G	3	38	33	0.01	
Leith	29.54	35	SW	4	G	29.11	- 40	38	36	+ 4	W	5	S	*	41	34	0.26	
† Shields	29.64	38	W	4	G	29.25	- 27	40	38	+ 5	W	1	X	4	43	34	0.02	
Spurn Head	29.75	39	WSW	5	G	29.41	- 09	41	39	+ 2	SW	6	G	4	41	36	-	
York	29.75	38	W	2	G	29.41	- 21	40	40	+ 7	WSW	3	G	*	43	35	0.06	
Longhborough	29.85	38	WSW	3	G	29.54	- 20	41	40	+ 4	WSW	1	CQ	*	43	36	-	
† Ardrossan	29.87	40	WW	5	A	29.17	- 40	39	38	+ 3	WW	1	CQ	5	43	34	0.25	
† Mullaghmore	29.64	40	WSW	6	O	29.33	-	42	39	-	W	8	CQ	6	45	36	0.26	
Donaghadee	29.67	39	SW	3	O	29.81	- 39	39	38	+ 3	WW	6	C	4	41	33	0.05	
Parsonstown	29.82	41	W	3	O	29.51	- 39	41	38	+ 5	SW	1	O	*	44	35	0.21	
Barrow-in-Furness	29.73	42	W	6	O	29.39	- 26	44	41	+ 5	SW	5	CQ	7	44	37	0.13	
† Holyhead	29.81	44	W	4	O	29.19	- 32	44	41	+ 5	W	5	CQ	5	45	36	-	
Liverpool (Bidston)	29.79	40	WSW	4	O	29.43	- 27	44	40	+ 5	WSW	6	C	4	43	39	-	
† Valencia	29.96	46	W	6	C	29.64	- 39	43	41	- 1	WW	6	CQ	6	48	41	0.24	
Roche's Point	29.94	42	W	3	G	29.64	- 35	44	43	+ 5	W	3	CQ	4	44	38	0.10	
Pembroke	29.92	45	W	6	C	29.59	- 34	47	45	+ 6	WSW	7	O	5	47	38	0.07	
† Scilly	30.06	47	W	4	C	29.82	- 24	49	47	+ 4	W	6	C	5	50	48	0.03	
Prawle Point	30.08	43	W	3	SW	29.80	- 20	45	43	+ 6	WW	6	CU	5	46	36	0.03	
Hurst Castle	30.01	43	W	5	G	29.79	- 12	45	43	+ 5	WW	6	G	4	49	40	-	
† Dover	29.96	39	W	4	G	29.77	+ 05	44	42	+ 5	WW	5	G	4	45	38	-	
† London	29.96	40	W	4	G	29.74	- 05	42	39	+ 3	SW	5	G	*	45	38	-	
Oxford	29.96	38	W	4	G	29.67	- 15	41	38	+ 4	SW	4	CQ	*	44	37	-	
Cambridge	29.89	38	W	1	G	29.62	- 12	44	38	+ 7	SW	1	G	*	44	35	-	
† Yarmouth	29.82	37	W	5	G	29.62	+ 04	39	38	+ 1	SW	4	C	4	41	36	0.01	
The Helder																		
Cape Griz Nez																		
† Jersey	30.09	44	W	4	G	29.90	- 12	44	43	+ 1	WW	6	CW	4	47	41	0.04	
Brest	30.15	46	WW	7	O	29.96	- 12	48	47	+ 4	WW	1	O	5	52	37	0.04	
Lorient	30.17	46	WW	4	G	30.02	- 13	46	42	+ 1	W	5	G	4	52	37	-	
† Rochefort	30.21	46	WW	4	G	30.21	- 04	41	40	- 5	S	5	C	2	54	36	-	
Biarritz	30.23	47	E	1	O	30.20	- 05	46	43	- 1	S	3	O	5	59	41	0.12	
Corunna	*	*	*	*	*	30.20	-											
Brussels	*	*	*	*	*	29.88	-											
Charleville	30.02	30	W	4	G	29.01	+ 26	32	31	- 8	W	1	O	*	40	31	-	
Paris	30.14	45	SW	4	G	30.07	+ 08	36	35	- 6	SW	4	O	*	*	*	-	
Lyons	30.19	81	SW	1	G	30.19	-	31	31	-	W	1	G	*	43	30	-	
Toulon	30.00	42	WW	1	O	30.45	+ 33	45	40	0	W	0	G	5	46	39	-	
HIGH LEVEL STATION.					Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.													
Hawes Junction	27.75	34	W	4	O	?	?	35	35	+ 3	WSW	6	h	*	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; i. 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, time —

→ force above 10, → force 8 to 10,

→ force 5 to 7, → force 1 to 4,

○ dead calm.

Sea Disturbance — where considerable is shown thus

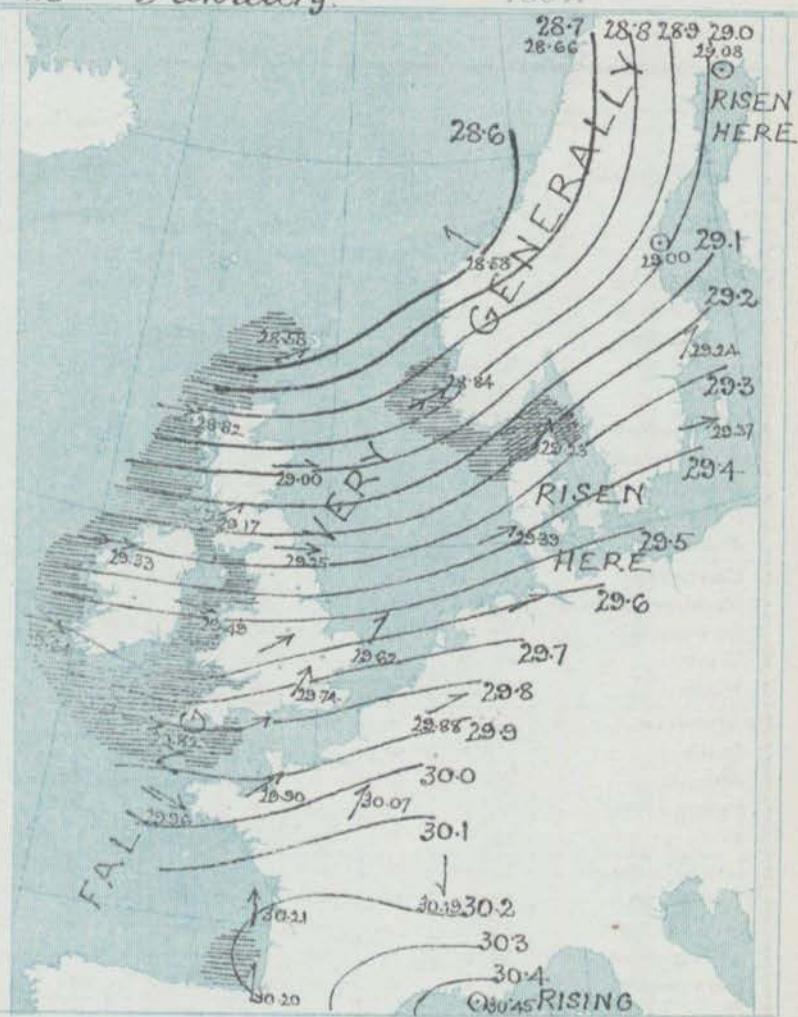
— Rough. — High.

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
Shetland	29.867
York	29.916
Ardrossan	29.917
Dunaghadee	29.928
Holyhead	29.945
Liverpool	29.966
Valencia	29.962
Rocke's Point	29.983
Pembroke	29.993
Sally	29.993
Burst Castle	29.996
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.

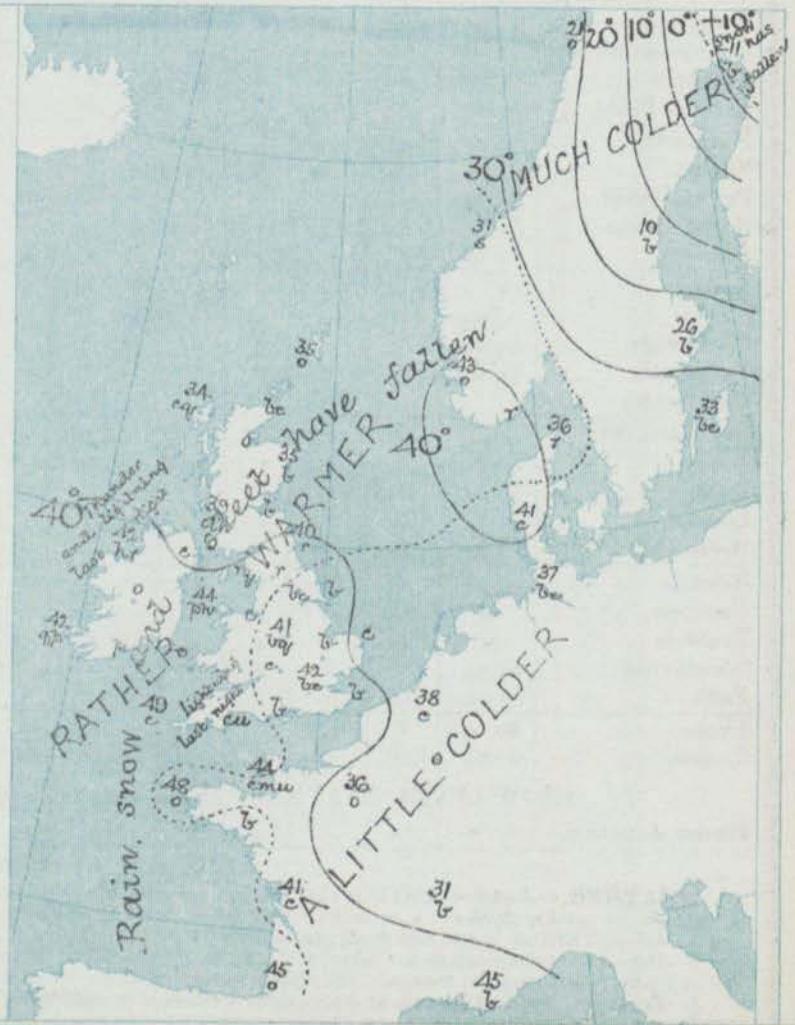
Falls of 0.5 in. or more, are quoted in figures.

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	39.9	37.6	5.38
Wick	37.9	36.5	1.80
Nairn	36.9	35.3	1.99
Aberdeen	37.3	36.7	2.42
Leith	36.2	37.2	2.02
Shetland	37.8	36.6	1.88
York	36.9	35.9	1.88
Ardrossan	40.1	35.4	4.86
Dunaghadee	39.7	39.0	3.03
Holyhead	31.7	40.3	3.73
Liverpool	30.9	37.3	2.45
Valencia	44.1	43.3	7.32
Rocke's Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.38
Sally	46.5	45.0	4.24
Burst Castle	40.7	40.0	3.38
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 1866—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 in., while in the Shetlands it is below 28.6 in., 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° , but at our south-eastern and the Continental stations it is chirly SW° . 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 Ardrossan. 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° 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.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	W° winds, strong at times; unsettled, some showers.	6 { SCOTLAND WEST	Same as No 2
1 { SCOTLAND EAST	--- D. --- D. --- D. ---	7 { ENGLAND N.W.	Same as No 2.
2 { ENGLAND N.E.	W° strong winds and gales; rain at times.	8 { ENGLAND S.W.	W° strong winds and gales cloudy, showery.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	--- D. --- D. --- D. ---
4 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	--- D. --- D. --- D. ---
5 { ENGLAND SOUTH	SW° to W° strong winds and gales; unsettled, some showers.	WARNINGS	The south wind was hoisted last evening on all our coasts.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	29.16	35	34	W	6	S	5	Valencia	29.94	46	44	W	6	6
Sumburgh Head	29.07	35	32	W	4	C	4	Scilly	30.09	48	45	SW	5	5
Stornoway	29.35	37	35	WNW	6	cgh	5	Dover	29.91	43	38	W	4	3
Aberdeen	29.42	36	35	WNW	5	6	5	London	29.92	45	39	WNW	4	*
Shields	29.61	39	35	W	7	6	4	Yarmouth	29.75	41	37	WNW	7	5
Ardrossan	29.61	42	41	WNW	5	0	4	Jersey	30.04	46	44	WNW	4	4
Mullaghmore	29.73	42	41	W	5	op	6	Rochefort	30.29	49	45	WNW	5	2
Holyhead	29.85	41	38	WNW	4	C	5							

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.

STATIONS	YESTERDAY EVENING.				8 A.M. TO DAY.								PAST 24 HOURS.			
	Barometer at 3 ^o P. and Sea Level.	Temp. in Eshade.	WIND.		BAROMETER.			SHADE TEMP.			WIND.		SHADE TEMP.			
			Dir.	Force (0 to 12)	Weather	Reading at 3 ^o P. 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	28.82	15	SE	6	C	29.53	-1.0	23	23	+34	SW	6	S	*	-11	0.20
Hernösand ...	28.62	30	S	8	C	28.77	-2.2	30	28	+20	SW	4	G	*	36	5
Stockholm ...	24.00	66	SSW	8	O	29.04	-23	35	33	+9	SW	6	G	*	37	16
Wisby	29.26	38	SSW	9	O	29.21	-16	37	36	+4	SW	6	O	*	39	27
Bodö ...	28.45	21	E	8	Sc	28.02	-14	28	27	+4	SW	6	S	*	?	18
Christiansund ...	29.00	53	NNW	6	S	28.80	+2.2	30	28	-1	NW	6	O	5	32	25
Skudenesnaes ...	28.80	38	W	8	O	28.89	+0.5	31	34	-6	SSW	4	S	5	43	-
Oxö (Kianaund) ...	28.28	41	SW	9	O	28.06	-0.7	36	35	-5	W	4	C	5	41	34
Skagen (Thesekaw) ...	28.62	51	WSW	7	G	29.03	-2.0	35	34	-1	WSW	7	6	39	32	0.17
Fanö	29.22	41	WSW	6	C	29.18	-21	38	37	-3	S	4	C	*	41	37
Cuxhaven ...	29.44	40	SW	6	A	29.29	-3.3	39	39	+2	S	3	A	*	41	35
Sumburgh Head ...	28.77	38	N	4	osp	28.76	+1.8	32	31	-3	SSW	3	O	3	38	29
Stornoway ...	28.93	50	NNW	1	O	28.76	-0.6	24	24	-10	SSW	4	S	4	35	21
Wick	28.86	32	W	3	A	28.78	+0.1	28	27	-4	WSW	2	6	2	34	24
Nairn	28.43	32	SW	3	Sc	28.84	-12	26	26	-6	23	0	6	1	34	26
Aberdeen	28.91	34	W	4	C	28.89	-11	26	24	-9	WSW	1	C	2	37	25
Leith	29.07	36	W	4	Sc	28.93	-12	34	33	-4	W	1	m	3	39	31
Shields	29.20	96	WSW	5	G	29.01	-24	34	32	-6	SW	3	m	3	41	32
Spurn Head ...	29.31	39	WSW	6	G	29.09	-32	36	35	-6	W	5	G	3	42	32
York	29.31	39	W	4	G	29.09	-32	34	34	-9	W	1	G	*	45	33
Loughborough ...	29.42	39	SW	3	G	29.18	-3.6	34	33	-1	WSW	3	6	*	45	34
Ardrossan ...	29.13	87	W	5	cp	28.89	-2.8	38	37	-1	SSW	4	C	3	44	33
Mullaghmore ...	29.24	40	WSW	6	cp	28.75	-5.8	36	35	-6	SSW	6	0.1g	4	42	35
Donaghadee ...	29.26	34	WSW	4	G	28.47	-34	33	32	-6	SW	3	O	1	39	31
Parsonstown ...	29.39	34	SW	1	O	28.80	-6.2	35	34	-6	S	3	1.9	*	41	32
Barrow-in-Furness ...	29.27	40	NW	6	Sc	29.05	-3.2	38	35	-6	SW	4	6	6	44	35
Holyhead ...	29.28	40	W	2	C	29.07	-4.2	39	37	-5	SW	3	O	4	44	34
Liverpool (Bidston) ...	29.31	35	WSW	5	O	29.10	-3.3	35	34	-9	SW	4	G	2	44	33
Valencia	29.41	44	W	6	omp	28.79	-8.5	44	48	+7	SW	9	0.9m	7	51	37
Roche's Point ...	29.44	40	W	5	O	28.91	-7.3	48	48	+4	SW	7	K	5	49	36
Pembroke ...	29.44	45	W	6	O	29.13	-4.6	44	42	-3	SSW	4	N	4	47	39
Scilly	29.63	44	NNW	1	mp	29.50	-5.2	48	48	-1	WSW	7	O	6	49	34
Prawle Point ...	29.60	47	WSW	8	A	29.32	-4.8	43	43	-2	SW	5	A	6	49	35
Hurst Castle ...	29.58	43	WSW	6	A	29.37	-4.2	44	42	-1	W	5	6	5	50	40
Dover	29.56	45	WSW	5	Gp	29.27	-5.0	43	39	-1	W	6	Gp	5	47	39
London	29.53	40	WSW	4	Gp	29.31	-1.3	39	38	-3	W	5	C	*	48	39
Oxford	29.48	41	SW	4	O	29.28	-3.9	37	36	-4	WSW	4	G	4	46	37
Cambridge	29.44	41	W	2	O	29.23	-3.9	38	36	-2	W	2	C	*	47	36
Yarmouth	29.42	42	SW	5	0.9g	29.10	-5.2	38	37	-1	NNW	6	0.9f	4	45	36
The Helder ...	29.41	44	SW	5	A	29.08	-1.0	40	39	-1	S	7	A	4	45	39
Cape Griz Nez ...	29.58	46	W	8	A	29.26	-5.1	44	41	0	WSW	9	C	8	48	41
Jersey	29.71	46	SW	7	Gp	29.44	-4.6	48	48	+4	SW	8	A	6	50	43
Brest	29.78	47	NNW	5	O	29.55	-4.1	52	51	+4	WSW	9	O	7	43	40
Lorient	29.78	47	NNW	5	O	29.55	-3.2	40	39	-5	NNW	3	8.2	2	52	41
Rochefort ...	30.06	45	NNW	4	A	29.97	-24	50	48	+9	WSW	7	C	2	52	41
Biarritz	30.02	46	Z	0	C	30.08	-12	48	44	+3	S	4	G	3	51	41
Corunna	*	*	*	*	*	29.31	-57	44	39	+6	SW	0	Sc	*	44	37
Brussels	*	*	*	*	*	29.56	-45	39	36	+7	SW	8	O	*	40	32
Charleville ...	29.82	40	S	1	O	29.56	?	45	43	+9	SW	7	Sc	*	40	30
Paris	29.89	44	SW	4	G	29.97	?	45	43	+9	SW	7	Sc	*	*	-
Lyons	30.07	35	SW	1	G	30.09	-12	29	29	-2	W	1	G	*	41	26
Toulon	30.11	44	Z	0	G	30.13	-32	40	34	-5	NNW	3	8.2	2	46	36
Hawes Junction	27.75	33	W	2	O	27.79	?	31	29	-4	WSW	3	O	*	51	29

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; i. 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

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 these bars and feathers refer to force, thus—

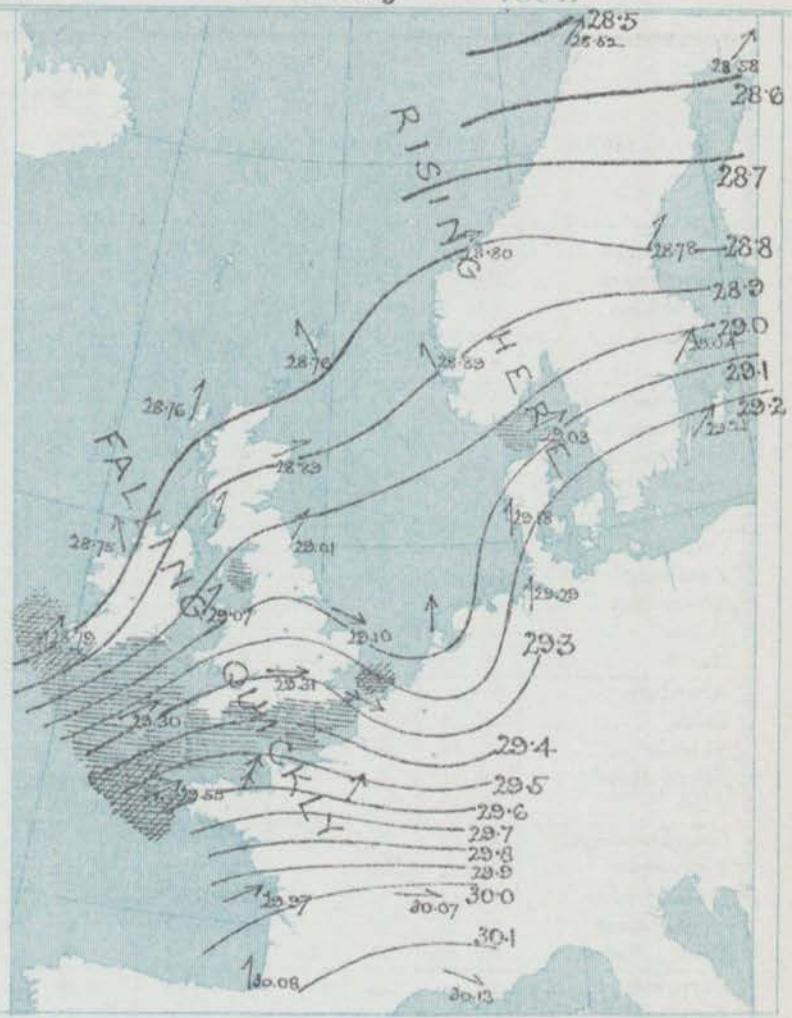
→ force above 10; → force 8 to 10;
→ force 5 to 7; → force 1 to 4;
○ = dead calm.

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	29.651
Wick	29.697
Nairn	29.728
Aberdeen	29.763
Leith	29.819
Shields	29.887
York	29.916
Ardrosson	29.917
Dunaghadee	29.928
Holyhead	29.935
Liverpool	29.966
Valence	29.982
Roche's Point	29.983
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.976
Dover	30.002
LONDON	29.987
Oxford	29.954
Cambridge	29.915
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.

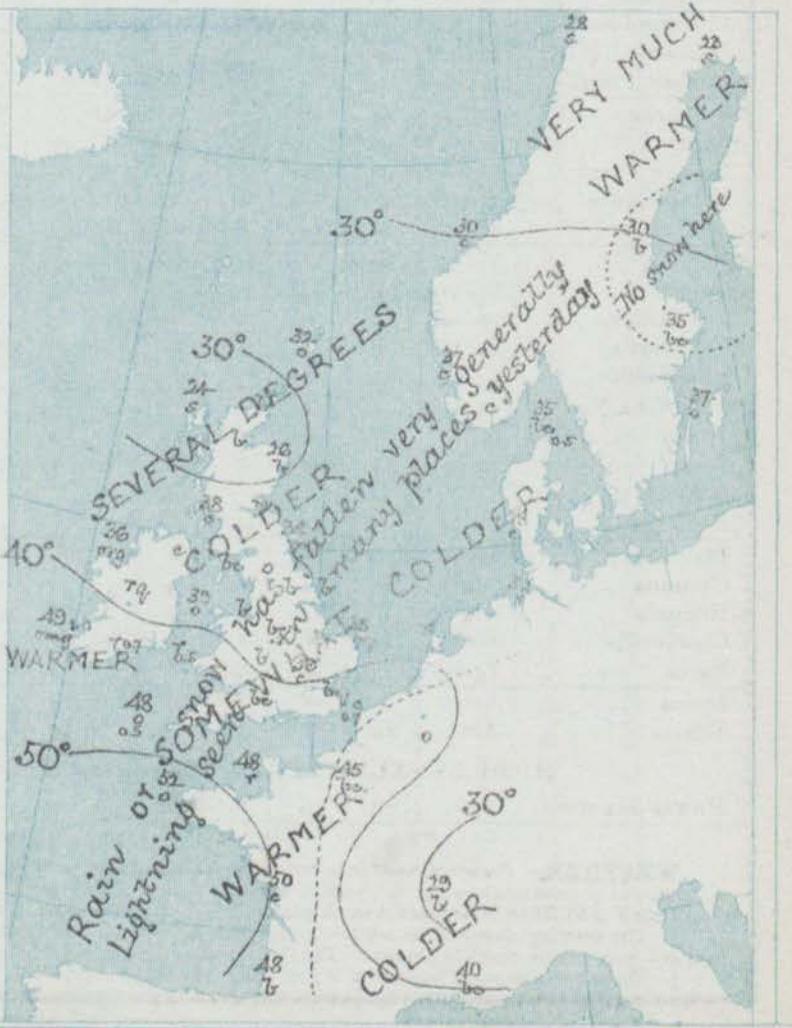
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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	38.9	37.6	5.28
Wick	37.9	36.5	7.00
Nairn	36.9	35.3	7.00
Aberdeen	37.3	36.7	2.42
Leith	36.2	37.2	2.02
Shields	37.4	36.6	7.88
York	36.9	35.8	7.58
Ardrosson	40.1	39.4	4.86
Dunaghadee	39.7	38.8	7.03
Holyhead	31.7	40.3	3.73
Liverpool	38.9	37.3	2.46
Valence	44.1	43.3	7.22
Roche's Point	48.1	42.0	5.68
Pembroke	42.8	31.3	4.18
Scilly	46.5	45.0	4.24
Hurst Castle	40.7	30.0	3.58
Dover	39.4	38.4	3.03
LONDON	38.1	37.1	2.41
Oxford	37.6	36.6	2.53
Cambridge	36.5	36.7	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 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 N.E. 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.³ 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, Scilly and Harb Castle thunder occurred. Temperature has fallen several degrees and readings now range from 49° at Valencia to 24° at Stromness. 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.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	Wind backing to SE. and increasing in force; fine to unsettled and some snow.	6 { SCOTLAND WEST	S ^W . to W ³ Strong winds and gales dull, rainy.
1 { SCOTLAND EAST	-- Do -- Do -- Do --	7 { ENGLAND N.W.	S ^W . to W ³ strong gales; dull with rain at first, some improvement
2 { ENGLAND N.E.	S ^W . to W ³ Winds, increasing to a gale; fair to dull and rainy.	8 { ENGLAND S.W.	-- Do -- Do -- Do --
3 { ENGLAND EAST	Same as no. 5.	9 { IRELAND NORTH	-- Do -- Do -- Do --
4 { MIDLAND COUNTIES	S ^W . to W ³ winds, increasing to a gale; dull, heavy rain.	10 { IRELAND SOUTH	-- Do -- Do -- Do --
5 { ENGLAND SOUTH	S ^W . to W ³ winds, increasing to a gale; dull, rainy.	WARNINGS	The south cone is still up on all our coasts.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudenesnaes	28.78	40	37	WSW	0	C	1	Valencia	29.52	44	43	W	5	0 mu	5
Sumburgh Head	28.63	35	33	W	3	0	5	Scilly	29.68	44	47	WSW	6	0 q	5
Stornoway	28.84	33	33	W	4	S	12	Dover	29.62	46	46	WSW	6	B+	5
Aberdeen	28.90	37	34	SW	6	6	3	London	29.58	48	43	WSW	5	0	*
Shields	29.21	40	36	WSW	5	0	3	Yarmouth	29.49	44	42	WSW	5	C q	4
Ardrossan	29.10	39	36	W	8	q shp	6	Jersey	29.77	47	48	WSW	7	C	5
Mullaghmore	29.28	40	36	W	8	C q	7	Rochefort	? 30.05	47	46	8	4	C	2
Holyhead	29.40	41	38	W	5	0	5								

REMARKS.

The depression in the N. appears to be passing off in an E⁴ direction, so that the barometer is rising at Stornoway. On our Pt² and S² 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.

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.		Force. (0 to 12)	Weather	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)	Weather			
Haparanda															*			
Hernösand															*			
Stockholm															*			
Wisby																		
Bodö	25.87	27	E	6	o	28.61	+ .09	33	32	+ 5°	SW	7	S	5	34	25	—	
Christiansund	28.75	30	SE	4	b	28.24	- .50	30	29	0	E	6	c	4	30	25	0.75	
Skudnesnaes	28.67	38	SSE	9	o	27.83	- 1.06	41	39	+ 4°	SSE	9	r	9	41	37	0.24	
Oxö (Kjiansund)	28.89	37	N	4	o	28.19	- 0.77	42	39	+ 6°	S	9	o	7	?	34	0.35	
Skagen (The Skaw)	28.94	36	SSE	14	b	28.42	- .60	40	38	+ 5°	SSW	8	c	7	41	32	0.20	
Fanö	25.81	38	S	7	r	28.86	- .12	39	36	+ 1°	WSW	8	bw	6	40	32	0.35	
Cuxhaven	26.09	42	SW	6	r	28.49	- .50	42	41	+ 3°	WSW	4	c	*	45	37	0.28	
Snunburgh Head																		
Stornoway																		
Wick																		
Nairn																		
Aberdeen	27.91	41	S	9	r	27.86	- 1.03	39	34	+ 4°	W	10	c	6	42	25	0.46	
Leith	27.78	37	SE	8	o	28.22	- 0.71	38	32	+ 4°	WSW	10	s	*	48	35	0.24	
Shields	28.10	42	S	8	r	28.41	- .60	35	31	+ 1°	W	9	m	4	46	32	0.28	
Spurn Head	28.30	40	S	9	r	28.62	- .47	37	35	+ 2°	WSW	9	bog	5	46	35	0.14	
York	28.24	40	S	6	r	28.67	- .42	27	28	+ 3°	W	6	bw	*	45	34	0.16	
Loughborough	28.38	46	SSW	9	r	28.85	- .23	36	32	+ 1°	WSW	6	b	*	47	31	0.29	
Ardrossan																		
Mullaghmore																		
Donaghadee	27.69	40	SSW	11	o	28.41	- .26	30	30	- 3°	W	7	m	4	46	29	0.50	
Parsonstown	28.31	40	WNW	4	b	28.95	+ .06	32	31	- 3°	W	7	bog	*	47	30	0.37	
Barrow-in-Furness	28.12	45	SW	9	r	28.68	- .37	37	34	- 1°	WNW	7	bog	8	46	35	0.27	
Holyhead	28.22	45	N	7	b	28.88	- .19	36	34	- 3°	WNW	6	s	6	47	34	0.44	
Liverpool (Bidston)	28.24	43	WNW	6	b	28.76	- .34	35	34	- 0°	WNW	8	c	6	45	36	0.20	
Valencia	28.57	41	NNW	8	b	29.12	+ .30	38	36	- 11°	W	6	ofig	4	32	33	0.05	
Roche's Point	28.53	39	N	7	c	29.10	+ .19	35	34	- 10°	WNW	5	sp	5	49	34	0.85	
Pembroke	28.41	47	WSW	9	c	29.01	- 1.12	40	36	- 4°	W	8	cphog	6	49	36	0.61	
Scilly	28.73	47	WNW	8	r	29.28	- .02	47	46	- 1°	WNW	8	rgh	7	49	40	0.88	
Prawle Point	28.65	47	N	10	o	29.19	- 1.13	39	37	- 4°	W	7	c	7	50	38	0.45	
Hurst Castle	28.61	48	SW	10	o	29.08	- 2.29	38	37	- 6°	W	7	bog	6	50	35	0.48	
Dover	28.37	48	SW	8	o	29.00	- 2.1	38	35	- 5°	W	6	bog	5	49	37	0.25	
London	28.67	42	SW	10	r	29.05	- 1.26	36	34	- 3°	WNW	5	bog	*	49	35	0.38	
Oxford	28.51	43	SW	7	b	29.03	- .25	36	30	- 2°	WNW	4	b	*	50	35	0.40	
Cambridge	28.56	47	SSW	7	r	28.97	- .26	36	32	- 3°	SW	3	b	*	49	34	0.26	
Yarmouth	28.74	46	SSW	8	o	28.88	- .42	36	33	- 2°	WNW	6	bw	4	46	34	0.29	
The Helder	28.76	40	S	11	o	28.80	- .28	40	36	- 0°	SW	9	bw	4	46	39	0.20	
Cape Griz Nez	28.89	45	SW	11	o	29.07	- 1.19	40	37	- 1°	W	11	c	8	48	37	0.57	
Jersey																		
Brest																		
Lorient																		
Rochefort	28.71	50	SW	9	o	29.40	- .27	46	44	- 4°	WNW	12	c	7	36	18	0.18	
Biarritz	29.76	32	S	5	c	29.82	- .24	32	47	+ 4°	WNW	9	c	6	55	?	0.04	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	36	0.83	
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	42	39	0.71	
Charleville	29.42	45	SSW	8	o	29.15	- .41	40	38	+ 1°	W	7	bog	*	42	39	0.28	
Paris	29.44	48	S	7	o	29.36	?	42	39	- 3°	S	5	o	*	*	*	0.28	
Lyons																		
Toulon	28.17	44	WNW	5	bc	29.93	- .20	49	47	+ 9°	WNW	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	o	27.42	- .37	29	28	- 2°	WNW	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 (haze); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER

for 8 a.m. on

CHARTS

Sunday

27th January

1880.

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

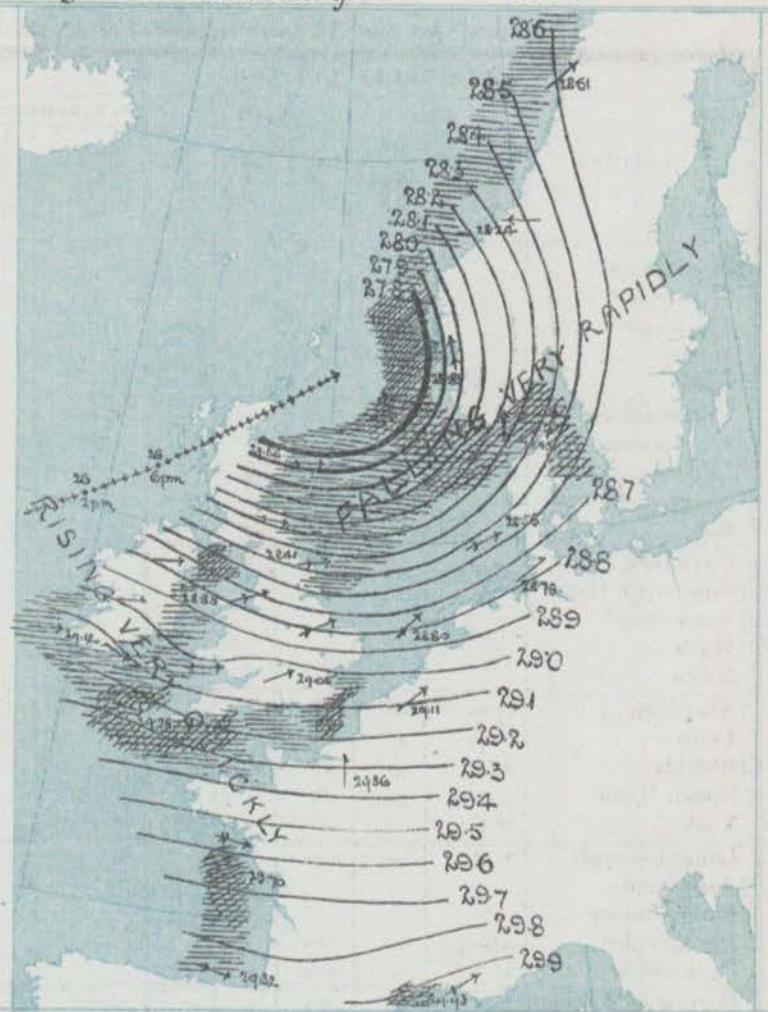
Sea Disturbance — where considerable is shown thus
 — Rough. — High.

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	29.677
Wick	29.677
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.917
Douglashead	29.928
Holyhead	29.935
Liverpool	29.966
Valecia	29.953
Roche's Point	29.983
Pembroke	29.912
Scilly	29.953
Hurst Castle	29.976
Dover	29.982
LONDON	29.987
Oxford	29.992
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.

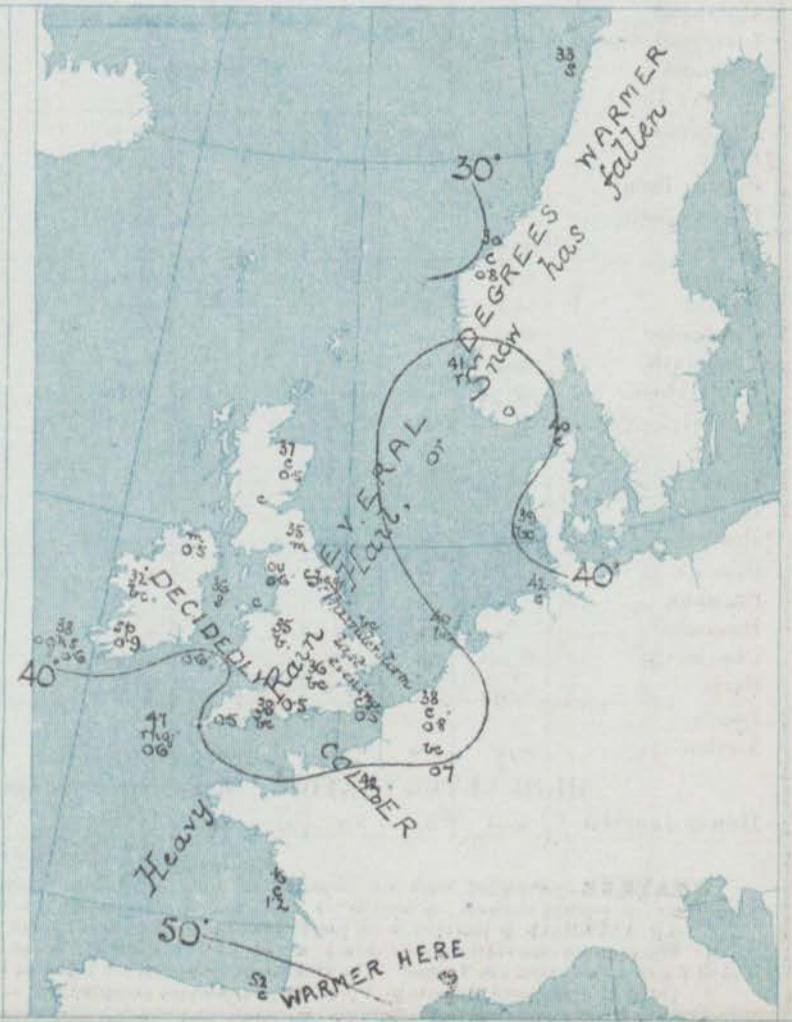
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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	0.6
Stornoway	38.9	37.6	2.72
Wick	37.9	36.5	5.26
Nairn	36.0	35.3	1.99
Aberdeen	37.3	36.7	2.42
Leith	38.2	37.3	2.02
Shields	37.8	36.6	1.88
York	36.9	35.9	1.88
Ardrossan	40.1	38.4	4.66
Douglashead	39.7	38.8	3.03
Holyhead	41.7	40.3	3.73
Liverpool	38.9	37.3	2.46
Valecia	44.1	43.3	7.22
Roche's Point	43.1	42.0	5.68
Pembroke	42.8	41.3	4.38
Scilly	46.5	45.0	4.24
Hurst Castle	39.7	40.0	3.38
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 1866—80.



REMARKS.

for Sunday 27th January

1884, at 8 a.m.

The depression which was approaching over Wⁿ coast yesterday proved to be one of exceptional intensity. In the course of the day the barometric 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 Ardrosson the reading at this hour was as low as 27.62 ins. or 1.27 ins. lower than at 8 a.m. Since then the centre appears to have passed in a N.E.ⁿ 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 ins. The wind is Wⁿ at all but the Norwegian stations, where it is Sⁿ; in force it varies from a moderate gale on our southern coast to a whole gale in the rest of Scotland. In the course of yesterday a "storm" from between S.W. and W. was experienced over the whole of Ireland and England, while a whole gale from S.E. prevailed on the extreme Nⁿ coast. Snow and hail showers are falling in the W. and S.W., but elsewhere the weather is at present fair. During the past 24 hours heavy rain has fallen over our southern districts, 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 29.03 ins. having fallen 0.45 in. since midnight on Friday. The wind was Sⁿ.

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

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudenesnaes	29.88	40	35	SSW	8	0	6	Valencia	28.40	46	43	W	9	beamg	8
Sumburgh Head	28.64	23	32	S	3	0	3	Scilly	28.83	50	50	SW	10	r	7
Stornoway	28.31	34	32	ESE	8	0ps	6	Dover	29.15	47	46	WSW	6	ap	5
Aberdeen	28.55	36	33	S	6	ow	3	London	29.03	49	46	SSW	6	orq	*
Shields	28.62	37	35	S	7	ow	3	Yarmouth	29.05	42	40	S	5	oq	4
Ardrossan	28.13	35	38	ESE	8	r	6	Jersey							
Mullaghmore	27.76	47	42	SW	9	cp	6	Rochefort	29.89	50	50	WSW	8	o	4
Hoiyhead	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 27.46 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 Shetland a strong gale from W. 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 Davis.

DAILY WEATHER REPORT

for Monday 28th 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.		WIND.		BAROMETER.		SHADE TEMP.		WIND.		SHADE TEMP.		Sea (0 to 9).	Max.	Min.	Amount of Rainfall.	
	Temp. in Shade.	Dir.	Force (0 to 12)	Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. Yesterday.	Dry.	Wet.	Difference from 8 a.m. Yesterday.	Dir.	Force (0 to 12)	Weather					
Haparanda													*				
Hernösand													*				
Stockholm													*				
Wisby													*				
Bodö																	
Christiansnd																	
Skudenesaes																	
Oxö (Xiansund)																	
Skagen (The Skaw)																	
Fanö													*				
Cuxhaven	28.93	89	SW	T	S	29.06	+ 27	37	37	- 5	W	6	b6	*	?	34	
Sumburgh Head																	
Stornoway																	
Wick																	
Nairn																	
Aberdeen																	
Leith	28.82	34	NNW	8	6e	29.13	+ 91	37	35	- 1	NNW	1	c6	*	38	32	0.02
Shields	28.70	35	W	8	6	29.15	+ 74	37	36	+ 2	W	5	6	*	38	30	-
Spurn Head	28.90	36	WSW	7	6	29.20	+ 58	38	36	+ 1	W	6	b6	*	39	33	-
York	28.89	34	NNW	4	6e	29.25	+ 58	38	35	+ 1	NNW	6	b6	*	38	31	0.05
Loughborough	29.05	35	WSW	4	S	29.39	+ 64	36	34	+ 1	NNW	5	b6	*	39	33	0.02
Ardrossan																	
Mullaghmore																	
Donaghadee	28.87	31	NNW	5	C	29.24	+ 53	35	33	+ 5	NNW	6	c	4+	35	30	0.18
Parsonstown	29.05	33	NNW	1	S	29.33	+ 58	34	35	+ 2	W	1	b6	*	36	30	0.14
Barrow-in-Furness	28.81	38	W	7	0	29.29	+ 61	39	37	+ 2	W	6	b6	6	40	33	0.03
Holyhead	28.08	38	NNW	6	b6	29.43	+ 45	41	36	+ 5	NNW	6	b6	6	41	32	0.02
Liverpool (Bidston)	28.95	37	WSW	6	6	29.67	+ 61	40	37	+ 5	W	7	c	5	40	38	0.02
Valencia	29.19	39	NNW	7	C	29.66	+ 54	41	38	+ 3	W	6	cq	6	43	35	0.03
Roche's Point	29.16	36	NNW	6	C	29.64	+ 54	39	37	+ 4	W	4	b6	4	41	34	0.12
Pembroke	29.11	41	W	6	C	29.66	+ 55	48	40	+ 3	W	7	c	5	43	33	0.02
Scilly	29.32	45	W	7	A	29.76	+ 47	45	41	+ 2	NNW	1	c	7	48	45	0.23
Prawle Point	29.28	43	SSW	7	0	29.69	+ 50	41	38	+ 2	NNW	6	b6	6	43	33	0.21
Hurst Castle	29.26	44	W	7	b6	29.69	+ 51	39	36	+ 1	NNW	6	b6	5	43	35	0.17
Dover	29.24	41	W	6	b6	29.45	+ 59	37	34	- 1	W	6	b6	5	43	35	0.01
London	29.26	38	SW	6	b6	29.61	+ 46	38	34	+ 3	NNW	5	b6	*	40	34	0.01
Oxford	29.17	35	NNW	6	6	29.52	+ 49	36	33	0	W	3	b6	*	42	35	0.02
Cambridge	29.16	34	NNW	2	6	29.45	+ 48	36	34	+ 1	NNW	2	b6	*	41	33	-
Yarmouth	29.06	37	SW	6	b6	29.31	+ 40	36	34	0	NNW	6	b6	4	38	33	0.01
The Helder	29.06	41	SW	8	b6	29.15	+ 35	39	36	- 1	W	7	c	5	41	37	-
Cape Griz Nez																	
Jersey																	
Brest																	
Lorient	29.54	47	W	9	R	29.88		46	43		NNW	8	0	7	55	41	0.28
Rochefort	29.70	48	W	8	b6	30.04	+ 34	48	46	+ 2	NNW	9	0	7	54	37	0.47
Biarritz	29.92	54	W	7	0	30.12	+ 30	55	54	+ 3	W	7	0	7	57	50	0.12
Corunna	*	*	*	*	*	29.45	+ 34	37	34	- 1	WSW	5	0	*	49	34	0.16
Brussels	*	*	*	*	*	29.40	+ 34	36	33	- 4	W	1	c	*	42	32	0.39
Charleville	29.48	?	SW	?	?	29.40	+ 34	36	33	- 2	W	4	m	*	40	30	0.04
Paris	29.63	42	W	5	b6	29.74	+ 38	40	38	- 2	W	4	m	*			
Lyons													*				
Toulon																	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	29.60	31	W	5	b6	29.05	+ 63	31	30	+ 2	NNW	5	0	*	32	27	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. (Christiaonia 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). Those evening obs. were taken at 9 p.m.

WEATHER CHARTS

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

BAROMETER, WIND & SEA.

(Explanation of Map)

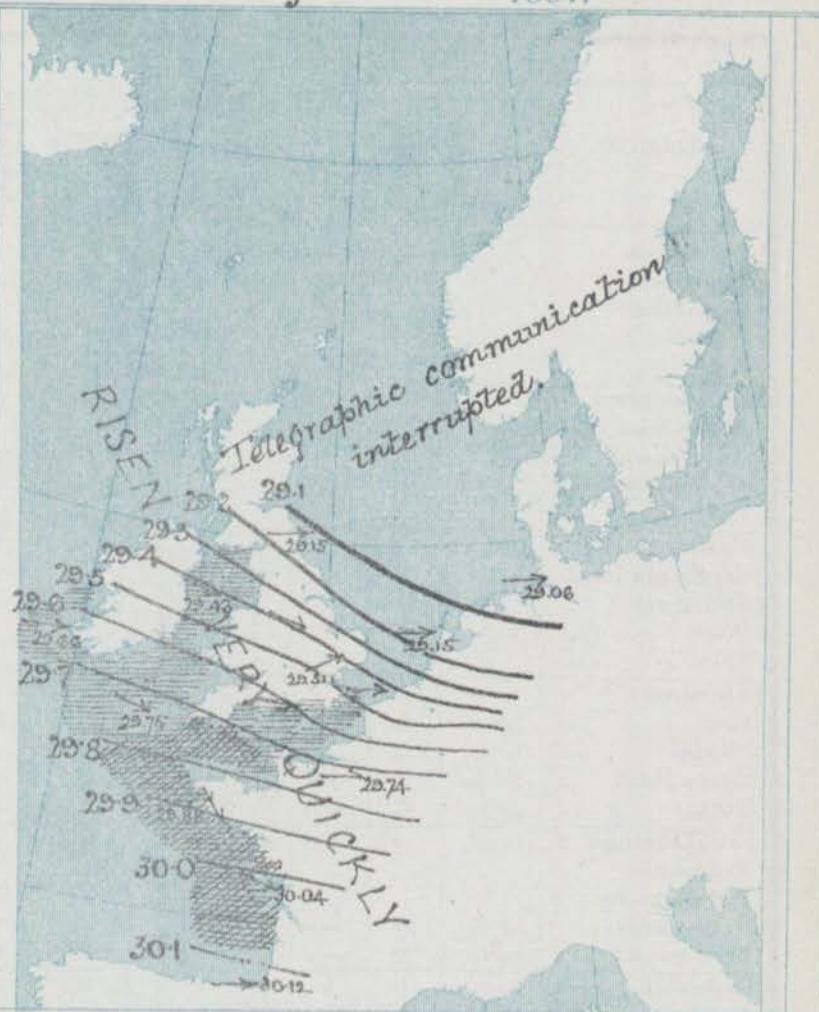
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their heads and feathers refer to force, thus—
 → = force above 10; → = force 8 to 10;
 → = force 5 to 7; → = force 4 to 5;
 ○ = dead calm.
Sea Disturbance — where considerable is shown 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
Douglas	29.926
Holyhead	29.925
Liverpool	29.936
Valentia	29.952
Roche's Point	29.983
Pembroke	29.993
Solent	29.993
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.

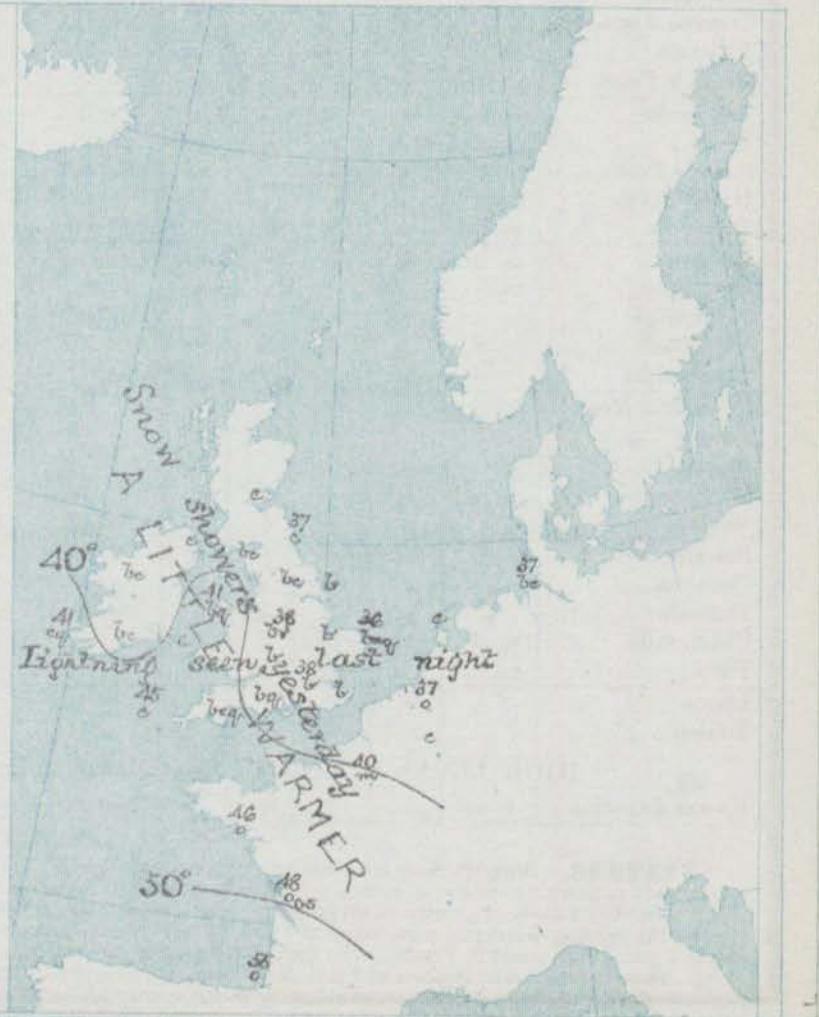
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5m. or more, are quoted in figures.

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	3.7%
Stornoway	39.9	37.6	5.20
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	2.12
Shields	37.8	36.6	1.82
York	36.9	35.9	2.88
Ardrossan	40.1	39.4	4.86
Douglas	39.7	38.0	3.03
Holyhead	41.7	40.8	3.78
Liverpool	38.9	37.3	2.46
Valentia	44.1	43.3	7.22
Roche's Point	46.1	42.6	0.60
Pembroke	42.8	41.0	4.10
Solent	46.2	45.0	4.24
Hurst Castle	40.7	40.0	3.34
Dover	39.6	38.4	3.03
LONDON	50.1	37.7	2.41
Oxford	33.6	30.6	2.63
Cambridge	36.5	35.7	1.64
Yarmouth	31.8	31.1	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 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 NW. 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 Scilly to 35° at Donaghadee and Oxford and 34° at Penzance. 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 forecast. 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		6 { SCOTLAND WEST	
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.		8 { ENGLAND S.W.	
3 { ENGLAND EAST		9 { IRELAND NORTH	
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH		WARNINGS	

None Issued

Issued

None

None Issued

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

Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes						Valencia						
Sumburgh Head						Scilly						
Stornoway						Dover						
Aberdeen						London						
Shields						Yarmouth						
Ardrossan						Jersey						
Mullaghmore						Rochefort	29.84	60	46	Westerly	11	N.
Holyhead												1

REMARKS.

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

During the whole of last week the weather was exceedingly stormy & unsettled. At the commencement of the period an anticyclone lay over France, and two deep depression skirted the subarctic NW & N: coasts occasioning severe SW to W gales over Scotland early on Sunday morning & again on Monday evening. On Wednesday the anticyclone receded ~~South~~ & the centre of a very deep depression passed across the S: part of Scotland. Severe SW to W gale 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 Wth 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 Wth 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 experienced in the N: 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.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.								PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.		Temp. in Shade.			WIND.		BAROMETER.		SHADE TEMP.		WIND.		SHADE TEMP.		Sea. (0 to 9)	
	Dir.	Force. (0 to 12)	Wind.	Dir.	Force. (0 to 12)	Weather	Bending 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	8	+	29.12		29	29	- 5	S	4	0	84	28	0.43
Hernösand ...	28.65	45	S	8	0	+	29.02		28	27	- 7	S	0	8	39	28	0.04
Stockholm ...	28.92	35	SSW	0	0	+	29.12		35	32	- 5	W	4	6	87	?	-
Wisby	29.06	51	SW	8	8c	+	29.18		37	34	- 2	NNW	9	80	87	34	-
Bodö	28.63	35	E	2	6c	+	28.85	+ .53	34	30	- 2	ENE	2	0	36	32	-
Christiansund ...	28.72	36	NW	8	1	+	29.03	+ .95	35	32	- 5	NNW	9	6	89	28	0.24
Skudesnaes ...	29.21	37	NNW	9	8c	?	?	?	33	32	- 7	NNW	4	0	87	?	-
Oxö (Xtiansund) ...	29.11	39	W	8	8c	+	29.64	+ .99	36	35	- 5	W	4	6	41	34	-
Skagen (The Skaw)	29.04	40	NNW	8	8c	+	29.45		36	32	- 5	NNW	5	8	41	36	-
Fanö	29.47	39	NNW	8	8c	+	29.66	+ .79	37	36	- 1	W	2	0	41	34	0.08
Cuxhaven ...	?	38	W	6	8c	+	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	+	29.54		37	35	- 2	S	1	m	41	33	-
Shields	29.57	39	W	5	8c	+	29.63	+ .48	35	34	- 2	S	5	m	40	33	-
Spurn Head ...	29.64	40	W	6	8c	+	29.70	+ .50	36	36	- 2	S	3	c	2	35	-
York	29.67	40	W	3	8c	+	29.68	+ .43	35	34	- 3	E	1	f	43	33	-
Loughborough ...	29.77	39	NW	3	8c	+	29.70	+ .31	39	39	+ 3	SSE	2	cgd	44	34	0.02
Ardrossan ...																	
Mullaghmore ...																	
Donsaghadee ...	29.67	35	NW	8	1	o	29.47	- .06	41	41	+ 6	S	6	n	41	30	0.40
Parsonstown ...	29.73	35	N	1	o	29.47	- .06	50	49	+ 16	W	2	on	51	33	0.19	
Barrow-in-Furness ...	29.67	41	W	4	6	+	29.56	+ .21	38	37	- 1	SE	5	n	44	36	0.05
Holyhead ...	29.74	41	W	3	8c	+	29.52	+ .09	48	47	+ 1	NNW	3	f	48	36	-
Liverpool (Bidston)	29.74	38	NW	3	6	+	29.58	+ .21	39	38	- 1	SE	5	o	43	36	0.01
Valencia	29.69	43	SE	4	omd	+	29.52	- .14	52	51	+ 11	NNW	1	omg	54	36	0.21
Roche's Point ...	29.74	44	W	4	8	+	29.65	+ .01	52	51	+ 13	NNW	5	1m	53	39	0.40
Pembroke ...	29.80	45	SW	8	o	+	29.66	+ .10	50	49	+ 1	SW	6	o	50	42	0.20
Scilly	29.84	47	S	3	1	+	29.83	+ .08	52	51	+ 1	SW	6	o	52	45	0.19
Prawle Point ...	29.92	44	SW	3	1	+	29.85	+ .10	50	50	+ 9	NNW	6	o	50	39	0.21
Hurst Castle ...	29.90	43	W	4	o	+	29.82	+ .23	48	48	+ 9	WSW	5	c	49	37	0.13
Dover	29.88	40	W	4	6	+	29.79	+ .34	45	44	+ 8	Z	0	omd	45	36	0.04
London	29.81	40	W	5	8c	+	29.71	+ .26	42	42	+ 4	SW	1	dg	45	36	0.16
Oxford	29.89	36	NW	3	o	+	29.75	- .23	42	42	+ 7	SW	2	dg	44	35	0.15
Cambridge	29.82	38	W	3	6	+	29.75	+ .30	39	39	+ 5	SE	1	n	44	32	0.07
Yarmouth	29.72	39	W	5	8c	+	29.77	+ .46	40	39	+ 4	NNW	2	c	42	36	-
The Helder	29.71	41	W	4	6	+	29.82	+ .67	39	37	0	WSW	1	6	41	39	-
Cape Griz Nez ...	29.87	44	NW	9	6	+	29.79	+ .34	48	?	+ 8	W	7	n	?	?	0.16
Jersey	29.95	46	NW	4	o	+	29.94		50	50		NNW	6	omv	51	42	0.10
Brest	29.95	48	SSW	5	f	+	29.95	+ .57	51	50	+ 8	W	5	o	?	43	0.16
Lorient	30.02	48	SW	5	m	+	30.07	+ .19	52	52	+ 6	NNW	7	f	52	46	0.04
Rochefort	30.23	48	W	5	f	+	30.26	+ .22	52	52	+ 4	?	1	4	55	41	0.20
Biarritz	30.27	54	S	4	8c	+	30.82	+ .20	55	52	0	S	4	o	57	50	0.24
Corunna	*	*	*	*	*	+	29.82	+ .43	39	38	+ 2	SE	3	n	43	36	0.04
Brussels	*	*	*	*	*	+	29.95	+ .46	39	38	+ 3	W	4	o	42	34	0.16
Charleville ...	29.76	40	NNW	4	c	+	29.95	+ .23	51	50	+ 11	NNW	3	n	42	34	0.04
Paris	30.08	47	W	3	8c	+	29.97		51	50		?	*	*	*	*	
Lyons																	
Toulon	30.23	47	W	7	c	+	30.32		46	44		W	4	8c	5	57	45
HIGH LEVEL STATION.					Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.												
Hawes Junction	28.42	33	W	3	6	28.87	+ .82	32	32	+ 1	NE	2	s	*	36	31	0.06

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

for 8 a.m. on Tuesday,

CHARTS

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 bars 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

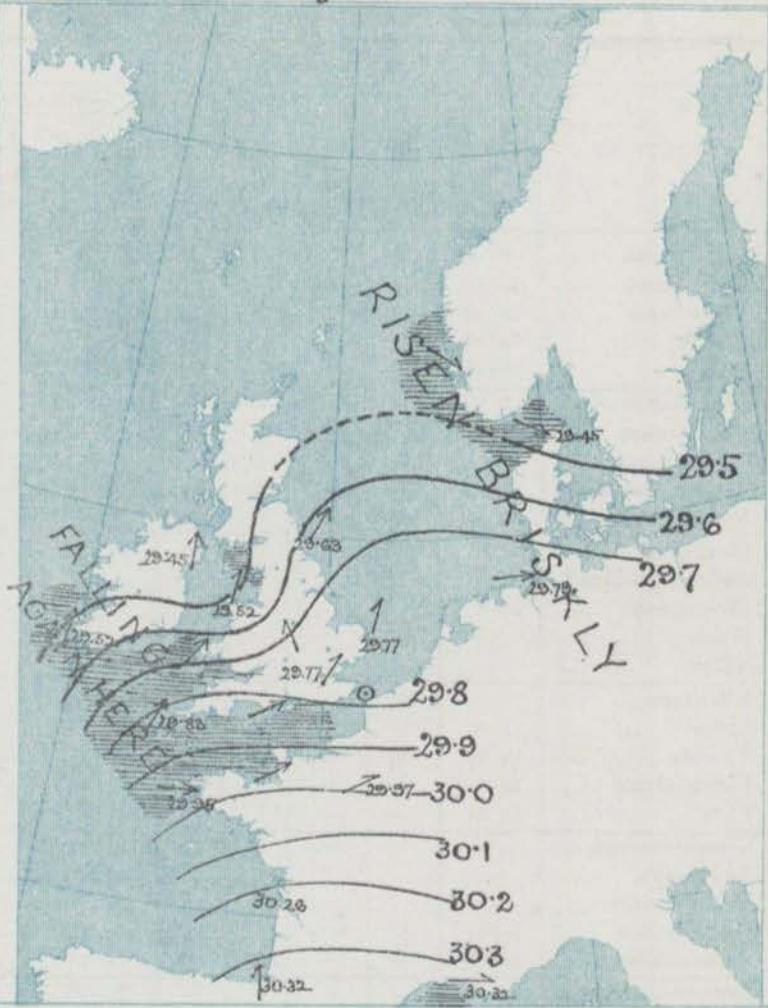
— Rough. — High.

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	29.677
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.835
Liverpool	29.866
Valencia	29.869
Roche's Point	29.883
Pembroke	29.913
Scilly	29.950
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
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.

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	0.08
Stornoway	32.9	32.6	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	1.86
Ardrossan	40.1	38.4	4.86
Donaghadee	39.7	38.8	3.03
Holyhead	41.7	40.3	3.73
Liverpool	36.9	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	3.36
Dover	39.6	38.4	3.03
LONDON	38.1	37.1	2.41
Oxford	37.6	36.6	2.63
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 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 nice 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 S^E 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 24 hours rain has fallen generally. Temperature has risen considerably on our west and south coast, and readings now range from 52° at Valencia, Rockes R, and Scilly 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 report it is impossible to prepare forecasts for Scotland

FORECASTS

For the 24 hours ending at NOON on 30th January. 1884.
(Issued at 8 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.	S ^W . to W ^N . winds, strong to a gale; dull and rainy to fair.
2 { ENGLAND N.E.	Same as No. 5	8 { ENGLAND S.W.	S ^W . to W ^N . 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	S ^W . to W ^N . 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.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudenesnaes	28.84	41	38	W NW	8	dry	6	Valencia	29.73	46	45	WSW	0	3
Sumburgh Head								Scilly	29.85	47	45	SW	0	6
Stornoway								Dover	29.73	43	38	W	6	4
Aberdeen	29.33	37	34	W	2	dry	4	London	29.75	45	39	WNW	6	8
Shields	29.43	40	39	W	5	beam	3	Yarmouth	29.69	42	38	W	6	8
Ardrossan	29.47	43	42	W	5	c	4	Jersey				beam W	4	
Mullaghmore								Rochefort	30.17	53	51	WNW	7	2
Holyhead	29.65	43	39	WNW	6	dry	6					m		

REMARKS.

A new fall of the barometer has set in at Valencia since noon, and the wind at Scilly has backed the SW, so that a depression is probably about to advance over our S^E 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 82° F. and Sea Level.	Temp. in Shade.	WIND.		Barometer, Reading at 82° F. and Sea Level.	Differenc from 8 a.m. yesterday.	SHADE TEMP.		Wind.	Force, (0 to 12)	Weather.	Shade Temp. (0 to 9).	PAST 24 HOURS.				
			Dir.	Force, (0 to 12)			Dry.	Wet.					Max.	Min.			
Härjedala	29.00	33	E.N.E.	2	c	29.08	+ 23	32	30	- 2	E	2	0	*	34	30	-
Hörnösund	29.19	37	N.W.	6	b	29.10	+ 01	32	28	- 1	ESE	2	b0	4	37	28	-
Skudenesnaes	29.29	39	S.S.E.	8	a	29.12	? 2	43	41	+ 10	N.W.	8	0	6	?	0.47	
Oxö (Xiansund)	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.W.	7	c	6	41	34	0.20
Fano	29.45	38	S.S.E.	6	a	29.58	- 08	42	41	+ 5	N.W.	4	0	*	43	36	0.28
Cuxhaven	29.77	42	S.S.W.	3	b0	29.74	- 05	44	44	+ 1	S.W.	4	a	*	45	?	0.20
Sumburgh Head																	
Stornoway																	
Wick																	
Nairn	29.12	39	w	8	G	29.13	- 32	39	37	+ 10	S.W.	1	G	2	41	29	0.11
Aberdeen	29.12	37	E	2	b	29.24	- 28	40	39	+ 8	S.S.W.	4	Pri	2	43	31	0.09
Leith	29.26	48	H	4	c	29.28	- 26	46	44	+ 9	N.W.	8	Bom	*	49	44	0.52
Shields	29.31	51	w	4	ou	29.31	- 22	49	47	+ 14	N.W.	4	om	2	51	35	0.25
Spurn Head	29.50	50	S.W.	5	b	29.56	- 14	48	48	+ 12	S.W.	4	b	4	?	35	0.07
York	29.50	53	S.W.	5	b	29.54	- 14	50	49	+ 15	N.W.	4	0	*	54	34	0.11
Loughborough	29.64	54	N.W.	6	o	29.66	- 04	52	50	+ 13	N.W.	5	Cgu	*	54	39	0.81
Ardrossan	29.34	47	w	6	c	29.37	- 08	43	42	+ 14	N.W.	8	Cgq	5	48	38	0.62
Mullaghmore	29.48	49	N.W.	5	o	29.46		42	41		N.W.	8	begin	6	53	?	0.40
Donaghadee	29.49	45	N.W.	6	b0	29.47	+ 02	43	43	+ 14	N.W.	6	b	4	53	40	0.21
Parsonstown	29.61	47	w	1	o	29.64	+ 17	45	40	- 5	N.W.	3	Bcq	*	54	44	0.09
Barrow-in-Furness	29.52	47	N.W.	4	b	29.52	- 04	47	45	+ 9	N.W.	6	o	5	49	37	0.32
Holyhead	29.62	50	H	5	c	29.63	+ 11	49	46	+ 1	H	4	c	4	51	45	0.03
Liverpool (Bidston)	29.54	51	N.W.	8	o	29.58	- 00	50	48	+ 13	S.W.	6	o	4	54	39	0.19
Valencia	29.63	51	S.S.W.	5	0mug	29.73	+ 21	48	47	- 4	N.W.	6	aq	6	55	47	0.44
Roche's Point	29.67	51	N.W.	5	m	29.73	+ 08	47	45	- 5	N.W.	5	c	4	55	45	0.15
Pembroke	29.75	50	N.W.	5	b	29.75	+ 09	50	48	0	N.W.	6	aq	6	50	46	0.24
Scilly	29.86	62	S.W.	6	d	29.88	+ 05	52	51	0	N.W.	5	cp	4	52	50	0.12
Prawle Point	29.87	51	S.W.	7	f	29.90	+ 05	50	50	0	S.W.	7	m	6	52	48	0.16
Hurst Castle	29.87	50	N.W.	6	m	29.88	+ 06	50	50	+ 2	N.W.	8	n	6	51	48	0.07
Dover	29.86	48	H	5	0m	29.88	+ 09	48	47	+ 3	N.W.	6	ond	4	51	44	0.08
London	29.79	53	N.W.	6	o	29.81	+ 04	52	51	+ 10	S.W.	6	aq	*	55	41	0.02
Oxford	29.93	51	S.W.	4	b	29.79	+ 04	54	52	+ 12	N.W.	3	qqq	*	52	42	0.09
Cambridge	29.71	54	S.W.	2	a	29.74	- 01	53	52	+ 14	S.W.	4	*	55	38	0.07	
Yarmouth	29.67	51	S.W.	5	c	29.71	- 06	52	51	+ 12	S.W.	6	Cqf	4	52	38	0.10
The Helder	29.61	45	S.S.W.	5	o	29.70	- 12	46	46	+ 7	S.S.W.	7	n	4	46	37	-
Cape Griz Nez	29.87	49	w	8	o	29.88	+ 09	49	49	+ 1	N.W.	9	a	6	50	46	0.16
Jersey	29.02	51	N.W.	6	og	30.01	+ 01	51	51	+ 1	S.W.	6	omp	5	52	49	0.01
Brest	30.03	52	N.W.	7	m	30.02	+ 07	52	52	+ 1	N.W.	7	m	5	51	48	0.08
Lorient																	
Rochefort	30.51	53	w	8	o	30.38	+ 12	51	50	- 1	S.S.W.	4	o	2	55	45	0.08
Biarritz	30.38	57	E	1	o	30.35	+ 03	52	47	- 3	E	3	b	2	51	46	-
Corunna	*	*	*	*	*	29.99	+ 11	51	50	+ 12	S.W.	7	n	*	52	37	0.08
Brussels	*	*	*	*	*	30.10	+ 15	50	48	+ 11	S.W.	4	o	*	51	37	0.24
Charleville	30.12	49	w	4	o	30.22	+ 25	53	51	+ 2	S	4	o	*	50	37	0.04
Paris	30.13	55	N.W.	1	c	30.22	+ 25	48	43	- 1	w	1	o	*	49	37	0.08
Lyons	30.34	44	S	1	o	30.40		43	43		E	1	o	3	51	46	-
Toulon	30.35	52	H	5	bc	30.39	+ 07	47	46	+ 1	E	1	ou	3	51	46	-
Hawes Junction	28.29	44	S.W.	4	o	28.31	- 06	44	44	+ 12	N.W.	5	o	*	46	31	0.95

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. (Christiana time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

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 end, their heads and feathers refer to force thus —

→ force above 10 → force 0 to 10;

→ force 5 to 7 → force 1 to 4;

○ = dead calm.

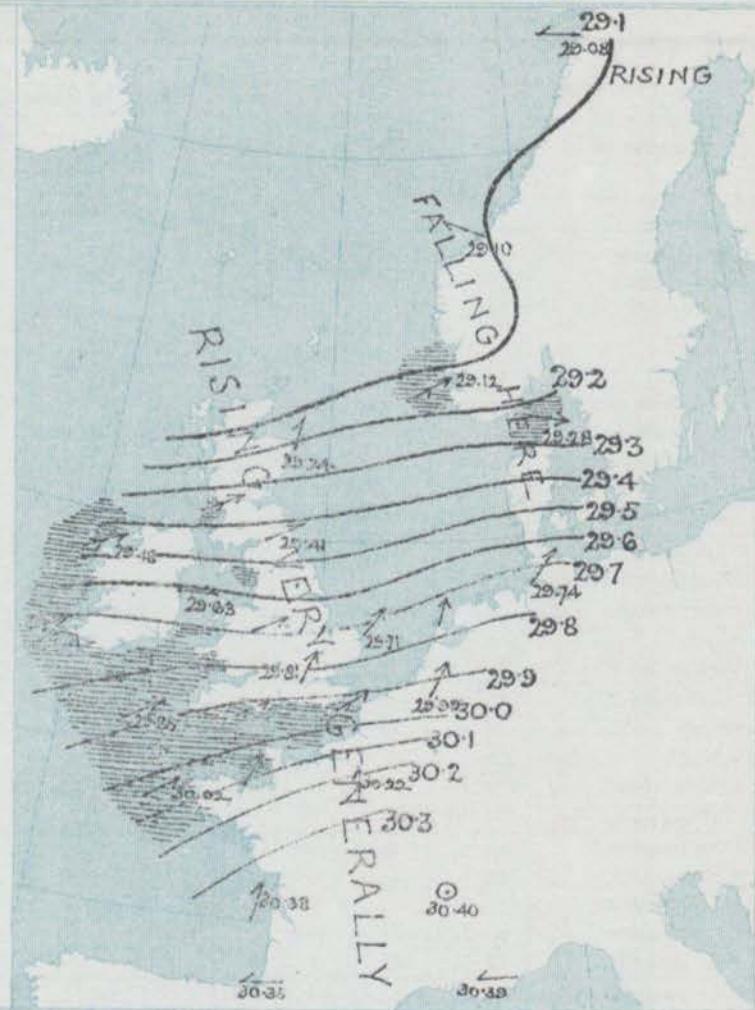
Sea Disturbance — where considerable is shown thus

— 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.
Sunderland Head	29.681
Stornoway	29.657
Wick	29.659
Nairn	29.729
Aberdeen	29.365
Leith	29.610
Shields	29.867
York	29.916
Ardrosson	29.877
Douglashead	29.826
Bethshear	29.875
Liverpool	29.795
Valencia	29.652
Rockes Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
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.

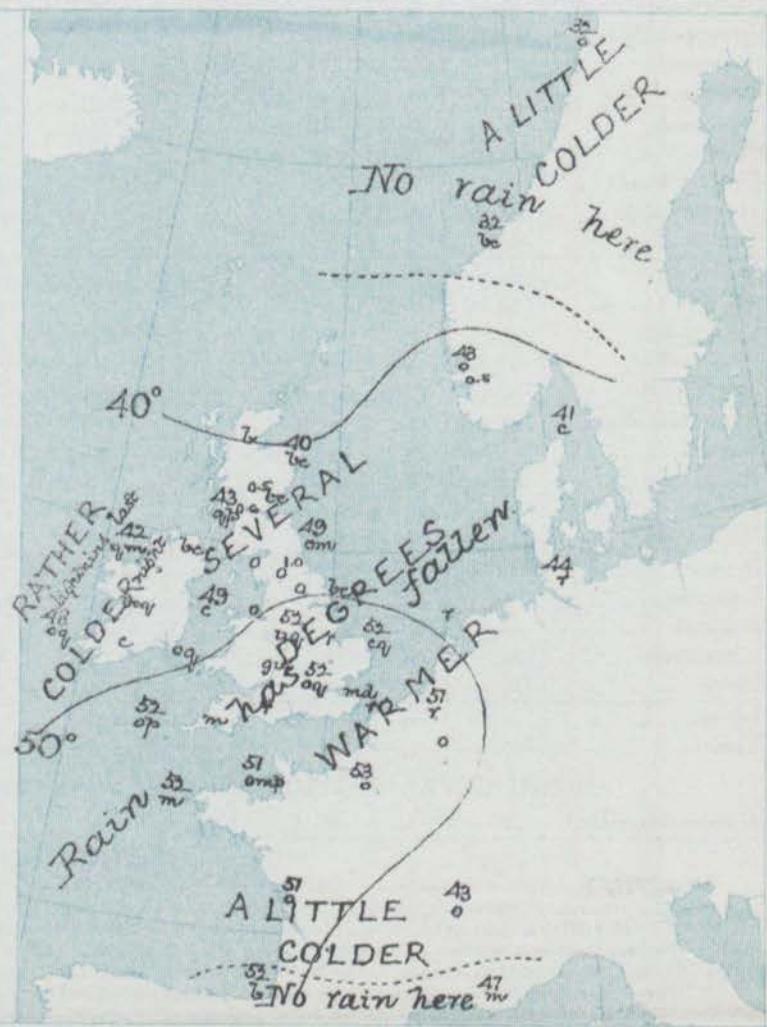
Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sunderland Head	39.2	38.3	3.72
Stornoway	38.9	37.6	5.20
Wick	37.9	36.5	1.80
Nairn	36.9	35.3	1.90
Aberdeen	37.3	36.7	7.42
Leith	38.2	37.2	2.07
Shields	37.9	36.6	1.29
York	36.9	35.9	1.86
Ardrosson	40.1	38.4	4.86
Douglashead	39.7	38.8	3.03
Bethshear	41.7	40.3	3.73
Liverpool	38.9	37.3	2.46
Valencia	44.1	43.3	2.22
Rockes 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	3.36
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 1866—80.



REMARKS.

for Wednesday 30th January.

1884, at 8 a.m.

Barometric pressure is still highest over France, and lowest to the northward of our Islands, the intervening gradient being rather steep. The barometer is, however, rising in most places, and there is at present no indication of the advance of any definite depression. Most of the Scandinavian and several of the Scotch reports are again wanting. Strong winds from SW or W are reported on most coasts, and at Ardross, Mullaghmore and Hurst Castle there is a fresh gale. The weather is fine at several of our western and northern stations, but cloudy or overcast elsewhere, with rain in the south. In the course of the past 24 hours rain has fallen generally. Lightning was seen last night in the west of Ireland. Temperature has fallen a little at our extreme western stations, but risen several degrees elsewhere; reading at present range from 54° at Oxford to 39° at Nairn. The maximum in London yesterday was as high as 58°. The sea is rough on our western and southern coasts.

There is no sign of any change in the general distribution of pressure, and strong NW or SW winds, with changeable, mild weather are therefore likely to continue for a time.

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

FORECASTS

for the 24 hours ending at NOON on 31st January. 1884.
(Issued at 8 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

1 { SCOTLAND
NORTH

No forecast possible.

2 { SCOTLAND
EAST

No forecast possible.

3 { ENGLAND
N.E.

Same as No 5.

4 { ENGLAND
EAST

Same as No 5.

5 { MIDLAND
COUNTIES

Same as No 5.

6 { ENGLAND
SOUTH

SW^w Winds, strong and gusty;
changeable, some rain.

DISTRICTS.

6 { SCOTLAND
WEST

No forecast possible.

7 { ENGLAND
N.W.

W^w or SW^w strong winds and gales;
unsettled, showery.

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 flying in districts 2.7.9, but has been lowered in districts 3.5.8 and 10.

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.W.	5	5
Sumburgh Head							Scilly	29.84	52	51	SW	7	5
Stornoway							Dover	29.82	49	48	W	3	3
Aberdeen	29.16	51	36	S	6	2	London	29.78	56	55	SW	5	0
Shields	29.46	42	40	SW	4	0 m	Yarmouth	29.70	48	47	SW	3	3
Ardrossan	29.13	49	47	SW	5	0	Jersey	29.99	52	51	WSW	6	0
Mullaghmore							Rochefort	30.34	54	53	W	8	4
Holyhead	24.51	50	49	S SW	4	m g							

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 NW. 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 8 a.m. 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	29.81	27	S	4	0	0	29.32		22	22		S	2	0	*	30	?	0.34
Hernösand	29.32	12	S	0	0	0	29.24		22	21		2	0	0	*	27	5	0.20
Stockholm	29.19	32	S	4	4	0	29.30		28	27		NNN	8	6	*	34	28	0.24
Wisby	29.30	38	N	8	1	0	29.30		39	37	- 1	NNN	8	0	*	41	32	0.12
Bodö	29.01	32	E	2	8	0	29.09	+ 01	31	30	- 1	SE	2	0	*	32	28	-
Christiansund	29.08	32	SE	1	0	0	29.33	+ 23	35	32	+ 3	NNN	4	0	4	36	28	-
Skudenesnaes	29.19	41	NNW	8	0	0	29.44	+ 32	41	38	- 2	NNW	4	6	5	43	41	0.32
Oxö (Christiansund)	29.19	40	NNW	8	6	0	29.45	+ 19	41	39	- 1	NNW	6	0	4	43	37	0.24
Skagen (The Skaw)	29.27	42	N	6	6	0	29.44	+ 16	41	39	- 0	N	7	6	6	43	36	0.08
Fanö	29.65	41	N	6	6	0	29.77	+ 19	41	40	- 1	N	6	0	*	45	39	0.04
Cuxhaven	29.69	42	N	5	0	0	29.85	+ 11	41	41	- 3	NNW	4	0	*	46	31	0.30
Sumburgh Head																		
Stornoway																		
Wick																		
Nairn	29.25	51	W	4	0	0	29.49	+ 36	38	36	- 1	WSW	5	6	3	41	24	0.25
Aberdeen	29.36	31	NNW	4	6	0	29.55	+ 31	40	37	0	NNW	2	6	2	44	35	0.01
Leith	29.51	42	N	5	6	0	29.62	+ 34	42	39	- 4	N	3	0	*	47	38	0.03
Shields	29.61	44	NNW	6	nm	0	29.72	+ 31	44	42	- 5	SW	1	0	2	49	38	0.11
Spurn Head	29.79	44	NNW	4	6	0	29.81	+ 25	42	41	- 6	S	4	0	3	40	-	
York	29.76	44	N	3	6	0	29.78	+ 24	44	42	- 6	SSW	1	1	*	52	41	0.03
Loughborough	29.87	46	NNW	3	0	0	29.80	+ 14	42	42	- 10	ESE	1	0	md	54	42	0.02
Ardrossan	29.55	40	NNW	1	0	0	29.65	+ 28	43	43	0	SW	2	0	2	44	36	0.02
Mullaghmore	29.62	44	NNW	1	cmqj	0	29.61	- 09	44	43	+ 2	ESE	2	0	5	45	39	0.10
Donaghadee	29.65	40	NNW	4	6	0	29.68	+ 21	41	41	- 4	SPW	1	0	0	46	35	0.18
Parsonstown	29.78	43	SW	2	0	0	29.87	- 07	41	39	- 4	SW	1	0	md	47	39	0.13
Barrow-in-Furness	29.73	42	NNW	5	0	0	29.72	+ 20	43	42	- 4	SE	4	R	5	49	41	0.08
Holyhead	29.79	48	NNW	5	19	0	29.67	+ 04	43	42	- 6	S	2	R	2	49	42	0.13
Liverpool (Bidston)	29.79	56	SW	8	0	0	29.73	+ 15	42	41	- 8	SSE	3	0	3	50	42	0.04
Valencia	29.83	49	NNW	4	0m	0	29.85	- 38	49	48	+ 1	ESE	5	0	6	51	41	0.17
Roche's Point	29.85	44	NNW	4	0	0	29.46	- 27	50	50	+ 3	SE	5	0	5	61	41	0.05
Pembroke	29.90	48	NNW	4	6	0	29.59	+ 16	49	49	- 1	SSW	6	1	6	50	43	0.23
Scilly	29.96	49	N	3	0	0	29.66	- 22	52	51	0	SSW	5	1	4	52	49	0.82
Prawle Point	20.02	49	ENE	3	0	0	29.79	- 11	49	49	- 1	S	6	R	6	51	45	0.49
Hurst Castle	20.01	47	SW	3	0	0	29.85	- 03	49	49	- 1	SSW	1	0	4	50	46	0.29
Dover	20.09	49	N	3	0	0	29.91	+ 03	48	49	0	SW	5	0	3	49	45	0.12
London	29.47	49	N	3	6	0	29.84	+ 03	50	49	- 2	S	1	R	*	55	45	0.20
Oxford	29.49	46	SW	4	0	0	29.79	- 00	46	46	- 8	SE	2	R	*	54	43	0.21
Cambridge	29.93	47	NNW	3	0	0	29.85	+ 11	43	43	- 10	ESE	1	R	*	56	41	0.15
Yarmouth	29.88	48	N	4	0	0	29.88	+ 17	43	41	- 9	SE	3	cd	3	55	41	0.01
The Helder	29.88	45	NNW	3	0	0	29.95	+ 25	44	42	- 2	SW	3	R	3	48	43	0.04
Cape Griz Nez	29.92	49	NNW	8	1	0	29.92	+ 04	47	?	- 2	SW	8	R	6	52	45	0.24
Jersey	30.06	50	NNW	4	rf	0	29.92	- 09	48	48	- 3	SSW	4	0	4	51	47	0.50
Brest	29.88	50	NNW	5	1	0	29.89	- 13	51	51	- 1	NNW	9	1	1	52	50	0.24
Lorient	29.13	53	SW	8	m	0	30.00	- 14	52	50	0	S	8	0	6	55	48	-
Rocheftord	30.35	51	SW	4	6	0	29.19	- 19	45	45	- 6	SSE	5	0	2	57	59	-
Biarritz	30.28	52	NE	4	6	0	30.13	- 22	57	54	+ 7	S	3	R	2	61	56	-
Corunna	*	*	*	*	*	0	30.01	+ 02	48	47	- 3	SSW	7	1	*	55	48	0.20
Brussels	*	*	*	*	*	0	29.12	+ 02	48	45	- 2	W	4	0	*	54	47	0.08
Charleville	29.74	51	N	4	0	0	30.13	- 09	48	47	- 5	S	1	m	*	54	47	-
Paris	30.19	53	S	4	0	0	30.13	- 09	48	47	- 5	S	1	m	*	55	33	-
Lyons	30.36	49	W	1	6	0	30.29	- 11	85	85	- 8	E	1	R	*	55	33	-
Toulon	30.45	54	Z	0	6	0	30.49	+ 10	47	46	0	SE	1	1	2	59	45	-
Hawes Junction	28.46	40	N	3	0	0	28.48	+ 17	40	39	- 4	SSW	3	0	*	44	35	0.04

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

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is as follows: a. blue Sky; b. 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 Thursday, 31st January.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

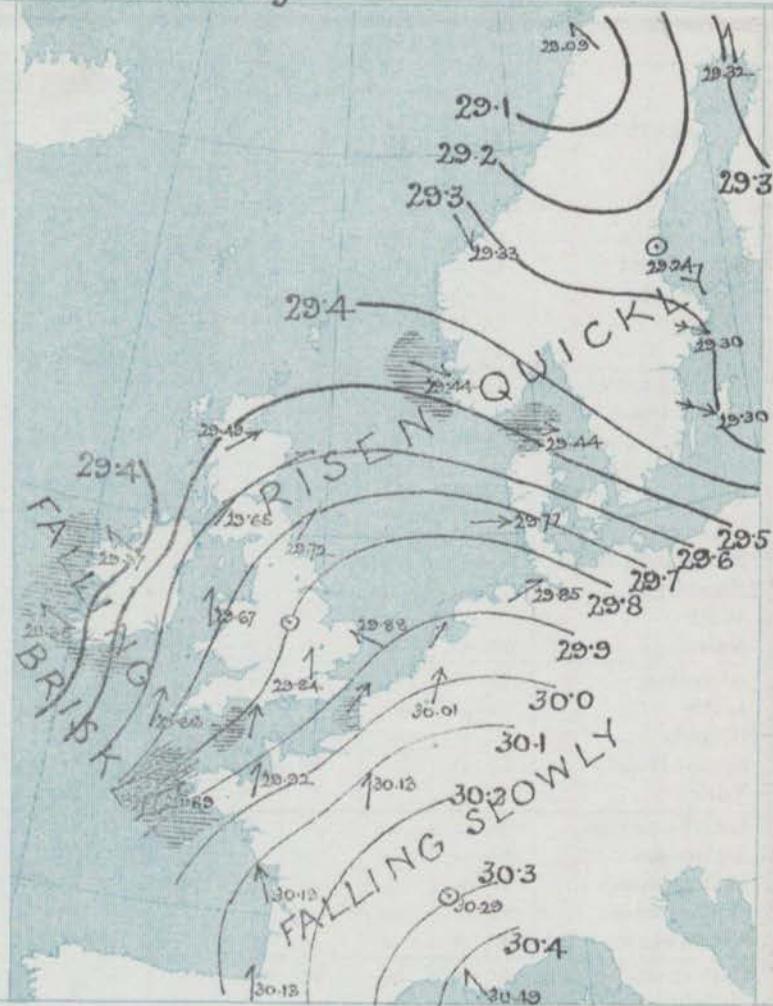
Barometer — Isobars are drawn for each tenth of an inch.
Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their bars and feathers refer to force, thus—
— forces above 10; — forces 6 to 10;
— forces 5 to 7; — forces 1 to 4;
○ = dead 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	29.917
Donaghadee	29.928
Holyhead	29.935
Liverpool	29.946
Valencia	29.962
Roche's Point	29.989
Pembroke	29.993
Scilly	29.953
Burst Castle	29.975
Dover	30.002
LONDON	29.981
Oxford	29.934
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.

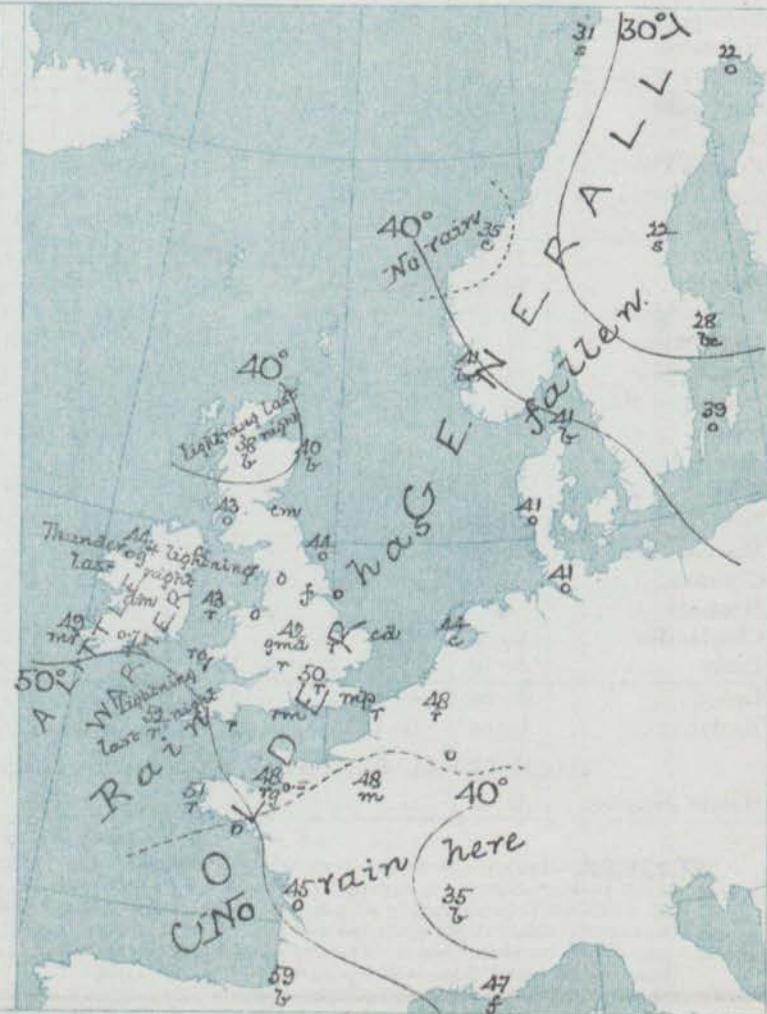
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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	0.06
Stornoway	38.9	37.6	3.72
Wick	37.9	36.5	5.20
Nairn	36.9	35.3	7.80
Aberdeen	37.3	35.7	1.09
Leith	36.2	37.2	2.42
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	7.27
Roche's Point	38.1	42.0	5.60
Pembroke	42.8	41.3	4.13
Scilly	46.5	45.0	4.24
Burst 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	2.34

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 31st January.

1884. at 8 a.m.

A depression which appears to be of considerable size and depth is approaching our south-west coasts, 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 W.². On our south-west coasts it is inclined to increase in force. The weather is dull and rainy at most of the western and southern stations, but at Nairn 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 Scilly in the evening. Temperature has fallen several degrees in the E. and N. of England, and readings now range from 52° at Scilly to 38° at Nairn. 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 coasts will probably advance in a NE² direction and occasion S. to SW. gales over the south of England.

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

FORECASTS

for the 24 hours ending at NOON on 1st February. 1884.
(Issued at 8 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	Do-----Do-----Do-----	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	Do-----Do-----Do-----	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	Do-----Do-----Do-----
5 { ENGLAND SOUTH	Do-----Do-----Do-----	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.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.19	43	40	SSW	4	0	5	Valencia	29.19	50	47	SW	7	0g	7
Sumburgh Head								Scilly	29.96	51	49	SW	3	0	4
Sternoway								Dover	29.94	49	48	WSW	4	0 md	3
Aberdeen	29.30	41	37	SSW	5	6	2	London	29.90	54	52	W	4	0 r	*
Shields	29.87	46	40	W	7	cm	2	Yarmouth	29.77	54	51	WSW	5	0 y	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	cgmqf	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. Dir.	Force. (0 to 12).	Weather.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Wind. Dir.	Force. (0 to 12).	Weather.	Sea. (0 to 9).	Max.	Min.	Amount of Rainfall.
25 th	Corunna	28	28	N	1	+	29.94	-	55	54	-	SSE	1	0	2	55	41	0.04
"	Jyons	30.36	36	E	1	0	30.33	-	38	36	-	S&W	1	0	+	38	33	-
26 th	Soulon	30.46	45	SE	1	0	30.40	-0.08	44	39	+ 3	E	4	0	4	46	39	-
27 th	Corunna	28	28	NE	2	+	30.20	-	58	54	-	SE	4	0	?	59	45	-
28 th	Orient	30.19	50	SE	4	6	30.05	-1.1	49	48	-2	SE	7	2	5	59	45	0.04
29 th	Corunna	28	28	NE	2	+	30.19	-0.01	61	58	+ 3	S&E	4	0	4	64	52	0.04
30 th	Corunna	28	28	NE	2	+	30.62	+1.5	54	63	-4	N	4	0	4	68	48	0.04
31 st	Corunna	28	28	NE	2	+	30.61	+1.5	45	44	-9	E	1	6	6	57	39	-
1 st	Corunna	28	28	NE	2	+	30.63	-0.04	41	40	-4	SE	1	6	6	57	34	-
2 nd	Corunna	28	28	NE	2	+	30.47	-1.6	50	45	+ 9	SE	1	6	6	59	36	-
3 rd	Corunna	28	28	NE	2	+	30.70	+1.3	36	?	-11	SE	1	6	6	59	32	-
4 th	Corunna	28	28	NE	2	+	30.54	-0.03	43	41	-4	E	3	6	6	56	34	-
5 th	Corunna	28	28	NE	2	+	30.50	-	39	39	-	E&E	3	6	2	57	32	-
6 th	Tanö	30.43	41	NNW	4	0	30.45	+1.0	41	41	-1	NNW	4	0	4	43	30	-
"	Talencia	30.47	52	S	6	0	30.64	+1.6	50	49	-1	S&E	6	0	6	53	49	-
"	Pembroke	30.51	47	S&W	2	0	30.54	-0.04	47	43	+ 1	S&W	5	0	2	47	45	-
7 th	Corunna	28	28	NE	2	+	30.55	-	38	37	-	S&E	2	2	5	34	-	-
8 th	Bodo	28.63	37	SE	2	0	29.17	-4.1	30	26	-9	N	8	6	5	39	-	-
"	Sumburgh Head	29.69	44	W	4	c	29.55	+1.4	41	39	-6	NNW	8	0	4	46	35	0.39
"	Stornoway	29.65	45	SW	6	0	29.97	+3.7	40	39	-4	W	4	6	3	46	36	0.44
"	Orient	30.59	45	SSW	4	m	30.65	-	46	46	-	NNW	1	0	3	46	37	-
9 th	Sumburgh Hd 2pm	-	-	-	-	-	29.82	-	42	39	-	W	4	c	6	-	-	-
10 th	Tanö	30.24	41	NWSW	4	b	29.90	+0.2	44	42	+ 1	NWSW	8	2	4	45	39	-
"	Sumburgh Head	29.58	43	S	6	0	29.29	-2.6	41	36	-0	W	1	0	3	48	37	0.25
"	Corunna	28	28	NE	2	+	30.63	-	38	37	-	S&E	1	6	6	52	36	-
"	Sumburgh Hd 2pm	-	-	-	-	-	29.25	-	40	36	-	W	1	0	3	-	-	-
11 th	Sumburgh Head	29.24	31	N	6	s	29.84	+0.5	34	33	-1	Z	0	6	3	41	31	0.05
"	Spurn Head	29.61	52	N&N	8	c	29.67	-3.4	42	41	-4	S	4	1	3	52	41	-
"	Corunna	28	28	NE	2	+	30.61	-0.02	47	46	+ 9	S&W	1	0	4	57	32	-
"	Sumburgh Hd 2pm	-	-	-	-	-	28.99	-	39	35	-	S&E	4	0	4	-	-	-
12 th	Mullaghmore 2pm	-	-	-	-	-	29.01	-	42	41	-	NNW	9	c	5	-	-	-
13 th	Hoparanda	28.57	10	Z	0	b	28.73	+3.4	17	17	-2	N	6	c	8	19	9	-
"	Hornstrand	28.87	26	NNW	6	g	28.98	+2.5	14	14	-21	NNW	2	b	8	36	9	-
"	Stockholm	29.02	29	W	4	g	29.05	+1.8	19	18	-15	NNW	2	b	8	39	9	-
"	Wistby	29.05	36	W	8	0	28.94	-0.6	30	27	-8	E	4	b	8	32	28	0.04
"	Bodo	28.86	24	N	4	be	28.89	+4.9	23	22	-9	N	2	c	4	23	23	0.04
"	Christiansund	29.08	29	SW	3	c	28.93	-0.9	38	27	-5	E	4	c	5	37	9	-
"	Skudenesund	28.95	36	SE	4	0	29.11	-2.3	35	30	-2	SE	4	0	5	37	9	-
"	Ore	29.01	37	E&E	4	0	28.77	-5.1	29	28	-9	NNW	6	0	4	28	-	-
"	Skagen	29.04	37	E&E	2	0	28.97	-2.6	31	29	-8	NE	1	0	6	39	30	-
"	Tanö	28.75	37	Z	0	0	28.82	-7.4	34	32	-5	N	1	0	8	41	32	0.35
"	Sumburgh Hd	28.91	38	SE	4	0	29.04	-8.0	34	33	0	W	4	c	4	40	31	0.19
"	Spurn Head	28.87	45	NWSW	9	be	29.50	-1.9	39	36	-3	NNW	8	bq	6	52	36	0.43
"	Mullaghmore	29.29	48	NNW	9	0	29.77	+7.3	40	38	-9	NNW	7	bq	6	52	36	0.86
"	Parsonstown	29.50	40	NWSW	9	0	29.90	+6.9	36	34	-17	NWSW	1	c	4	42	36	0.26
"	The Helder	29.03	46	NWSW	7	g	29.24	-5.7	42	40	-1	NNW	9	c	5	48	39	0.51
"	Corunna	28	28	NE	2	+	30.49	-1.4	53	50	+ 6	NNW	3	0	5	59	43	0.12
25 th	Cape Girou Mag	29.97	43	NWW	9	b	29.77	-	44	41	-	W	8	c	6	48	41	-
26 th	Orient	29.85	42	W	5	a	29.66	-8.6	51	49	+ 5	NWSW	8	0	4	55	39	0.04
"	Corunna	28	28	NE	2	+	29.20	-	50	49	-	S&E	4	0	4	55	39	-
"	Jersey 2pm	28	30	?	6	g	28.71	+1.3	38	32	+ 10	S	9	6	8	?	?	0.35
27 th	Hoparanda	28.56	35	S	8	g	28.65	-1.3	34	32	+ 4	S	6	c	8	31	9	0.16
"	Hornstrand	28.76	55	S&W	8	0	28.80	-2.4	35	32	0	S&W	8	0	8	39	32	0.08
"	Wistby	28.96	37	SW	8	be	28.98	-2.3	36	34	-1	NWSW	8	c	8	41	32	0.12
"	Sumburgh Head	28.31	37	SE	7	0	29.56	-8.0	38	37	+ 6	NE	5	c	7	41	32	0.52
"	Stornoway	27.79	32	E&G	8	s	28.02	-7.4	33	33	-1	NNW	9	s	7	35	22	0.86
"	Trick	28.00	35	SE	10	g	27.69	-1.09	36	34	+ 8	N	3	6	4	40	28	0.25
"	Main	27.68	36	GSE	4	c	27.99	-0.85	33	33	+ 1	W	9	c	6	39	26	0.80
"	Androssan	27.62	43	S	8	0	28.38	-5.1	38	36	0	W	9	c	6	37	26	0.50
"	Mullaghmore	27.86	39	W	11	1	28.81	+0.08	34	34	-2	NNW	2	cq	6	43	31	0.81
"	Jersey	28.85	49	SW	10	a	29.29	-1.5	42	39	-6	W	9	c	8	50	36	0.99
28 th	Bodo	28.45	30	Z	6	0	28.32	-										

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. ins.	Air Temperature									Tension of Vapour ins.
			Means of			Absolute Extremes						
			At 8 a.m.	Minima	Maxima	Min. and Max. combined	Minimum	Date	Maximum	Date		
0. SCOTLAND, N.	Sumburgh Head ...	29.531	40.6	35.9	43.8	39.9	27	26 ⁴ / ₁₁	49	15 ⁴ / ₁₁	0.219	
	Wick ...	29.646	39.5	34.7	43.2	39.0	24	26 ⁴ / ₁₁	51	15 ⁴ / ₁₁	208	
	Stornoway ...	29.648	40.0	34.9	43.8	39.4	21	26 ⁴ / ₁₁	50	8 ⁴ / ₁₁ 18 ⁴ / ₁₁ 21 ⁴ / ₁₁	230	
1. SCOTLAND, E.	Nairn ...	29.701	39.3	35.8	43.6	39.7	26	2nd + 26 ⁴ / ₁₁	52	8 ⁴ / ₁₁ 10 ⁴ / ₁₁ 21 ⁴ / ₁₁	211	
	Aberdeen ...	29.729	39.6	34.6	45.1	39.9	25	26 ⁴ / ₁₁ + 27 ⁴ / ₁₁	55	16 ⁴ / ₁₁	204	
	Leith ...	29.801	42.4	38.0	46.7	42.4	30	3rd	54	9 ⁴ / ₁₁	229	
2. ENGLAND, N.E.	Shields ...	29.897	42.9	38.5	47.1	42.8	30	28 ⁴ / ₁₁	55	9 ⁴ / ₁₁	233	
	York ...	29.969	42.4	38.4	47.8	43.1	31	28 ⁴ / ₁₁	54	9 ⁴ / ₁₁ 10 ⁴ / ₁₁ 22 ⁴ / ₁₁ + 23 ⁴ / ₁₁	235	
	Spurn Head ...	29.961	41.6	37.7	45.7	41.7	32	26 ⁴ / ₁₁	54	29 ⁴ / ₁₁	239	
3. ENGLAND, E.	Yarmouth ...	30.041	41.0	37.4	47.7	43.4	33	1 ⁴ / ₁₁ 2 ⁴ / ₁₁ + 28 ⁴ / ₁₁	55	30 ⁴ / ₁₁	231	
	Cambridge ...	30.076	41.8	34.4	48.5	43.0	32	2nd + 16 ⁴ / ₁₁ + 29 ⁴ / ₁₁	56	23 ⁴ / ₁₁ 30 ⁴ / ₁₁	239	
4. MIDLAND COUNTRIES.	Loughborough ...	30.031	41.9	38.4	47.8	43.3	31	27 ⁴ / ₁₁	54	22 ⁴ / ₁₁ 29 ⁴ / ₁₁ 30 ⁴ / ₁₁	232	
	Oxford ...	30.101	43.1	40.1	48.4	44.3	32	1 ⁴ / ₁₁ + 2nd	55	23 ⁴ / ₁₁	250	
5. ENGLAND S.	London ...	30.120	42.7	39.5	48.8	44.2	32	1 ⁴ / ₁₁	56	20 ⁴ / ₁₁	241	
	Dover ...	30.128	42.7	39.4	47.3	43.4	31	1 ⁴ / ₁₁	51	25 ⁴ / ₁₁ 27 ⁴ / ₁₁ 23 ⁴ / ₁₁ + 29 ⁴ / ₁₁	249	
	Hurst Castle ...	30.147	44.3	41.0	49.0	45.0	34	1 ⁴ / ₁₁ + 2nd	53	23 ⁴ / ₁₁	270	
6. SCOTLAND, W.	Ardrossan ...	29.835	43.1	38.9	46.3	42.6	29	3rd	50	4 ⁴ / ₁₁ 5 ⁴ / ₁₁ + 8 ⁴ / ₁₁	261	
7. ENGLAND, N.W.	*Hawes Junction ...	28.662	38.1	33.8	41.8	37.8	18	27 ⁴ / ₁₁	48	4 ⁴ / ₁₁ + 5 ⁴ / ₁₁	219	
	Barrow-in-Furness ...	29.934	43.0	39.7	46.1	42.9	33	2nd + 28 ⁴ / ₁₁	49	4 ⁴ / ₁₁ 5 ⁴ / ₁₁ 9 ⁴ / ₁₁ 10 ⁴ / ₁₁ 22 ⁴ / ₁₁ 23 ⁴ / ₁₁ 29 ⁴ / ₁₁ 30 ⁴ / ₁₁	249	
	Liverpool Obs. (Bidston)	29.975	43.5	40.6	47.7	44.2	33	2nd + 26 ⁴ / ₁₁ + 28 ⁴ / ₁₁	54	22 ⁴ / ₁₁ + 29 ⁴ / ₁₁	241	
	Holyhead ...	29.984	45.4	40.9	48.2	44.6	32	28 ⁴ / ₁₁	53	22 ⁴ / ₁₁	258	
8. ENGLAND, S.W.	Pembroke ...	30.051	46.7	43.4	48.7	46.1	30	28 ⁴ / ₁₁	52	14 ⁴ / ₁₁	249	
	Prawle Point ...	30.159	45.8	41.5	48.8	45.2	30	28 ⁴ / ₁₁	52	14	281	
9. IRELAND, N.	Donaghadee ...	29.894	42.8	39.0	46.9	43.0	29	27 ⁴ / ₁₁	54	22 ⁴ / ₁₁	257	
	Mullaghmore ...	29.862	44.5	41.0	48.5	44.8	31	27 ⁴ / ₁₁	54	14 ⁴ / ₁₁	266	
10. IRELAND, S.	Parsonstown ...	29.972	44.0	39.9	48.9	44.4	30	27 ⁴ / ₁₁ + 28 ⁴ / ₁₁	55	22 ⁴ / ₁₁	250	
	Valencia ...	30.006	48.4	43.8	52.3	48.1	33	27 ⁴ / ₁₁	55	31 ⁴ / ₁₁ 22 ⁴ / ₁₁ 23 ⁴ / ₁₁ + 24 ⁴ / ₁₁ + 35 ⁴ / ₁₁	300	
	Roche's Point ...	30.034	46.5	42.5	51.0	46.8	34	27 ⁴ / ₁₁ + 28 ⁴ / ₁₁	55	29 ⁴ / ₁₁	293	
CHANNEL ISLANDS.	Scilly (St. Mary's) ...	30.136	48.9	46.0	50.8	48.4	39	2nd	54	9 ⁴ / ₁₁	311	
	Jersey (Noirmont) ...	30.207	45.0	41.0	48.4	45.2	34	1 ⁴ / ₁₁	53	22 ⁴ / ₁₁	280	

Note. The No. of days of Rain, Snow, Hail, Thunderstorms and Gale are compiled without
*Hawes Junction is 1435 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 ins.	Rainfall										Weather						Wind					
		Total Fall in the month		Maximum Fall in one day		Date	No. of Days of			Thunderstorms			Overcast			Gales			No. of observations of				
		in.	ins.	in.	in.		Rain	Snow	Hail	Clear Sky	Overset	North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calm			
87	8.4	5.24	0.64	30 ⁴	28	2	0	0	10	19	5	4	0	2	2	2	3	10	6	1	0	0	1
86	6.5	3.68	0.55	27 ⁴	23	3	3	1	5	12	9	1	0	0	3	4	5	7	11	0	0	0	2
94	7.4	9.00	1.35	27 ⁴	27	5	4	1	7	19	10	1	0	1	2	6	6	3	12	4	4	4	0
88	6.0	3.77	0.44	21 ⁴	22	7	0	0	9	11	5	0	0	1	1	1	1	7	13	2	6	0	0
84	5.2	3.02	0.87	23 ⁴	17	5	1	0	12	10	5	0	0	0	2	3	10	14	2	0	0	0	0
85	6.1	3.18	0.52	29 ⁴	19	2	0	0	6	9	5	0	0	0	5	2	2	18	4	0	0	0	0
84	8.4	2.83	0.53	34 ⁴	18	2	0	0	2	20	12	0	0	1	2	2	2	10	15	1	0	0	0
87	7.9	3.10	0.62	34 ⁴	18	0	0	0	5	22	1	0	0	2	2	4	7	14	2	0	0	0	0
92	5.6	1.87	0.43	23 ⁴	11	2	0	1	8	9	5	0	0	1	3	6	6	12	3	0	0	0	0
90	6.5	1.39	0.29	26 ⁴	18	1	1	0	2	9	6	0	0	1	2	3	9	12	3	1	0	0	0
91	6.9	1.45	0.26	26 ⁴	15	0	0	0	7	20	1	0	0	2	2	3	13	9	2	0	0	0	0
88	8.1	2.49	0.39	23 ⁴	17	2	1	0	1	19	12	0	0	2	2	2	2	8	10	3	3	0	0
89	7.5	2.16	0.40	26 ⁴	18	1	1	0	7	19	3	0	0	2	0	6	11	9	2	0	0	0	0
88	7.7	1.93	0.38	26 ⁴	17	2	0	0	4	18	6	0	0	2	0	6	11	9	2	1	0	0	0
88	5.6	2.02	0.32	26 ⁴	18	0	1	1	10	12	3	3	0	1	1	1	1	16	4	1	1	0	0
93	6.7	2.44	0.48	26 ⁴	18	0	0	1	3	8	7	1	1	2	0	4	7	11	4	1	1	0	0
93	8.5	6.28	0.62	29 ⁴	29	5	4	0	1	21	10	0	3	1	2	2	8	13	2	0	0	0	0
95	9.4	11.09	2.01	22 nd	28	6	0	0	1	30	8	0	2	1	2	1	8	15	2	0	0	0	0
90	8.4	5.01	0.85	34 ⁴	24	0	3	0	1	24	6	0	3	0	5	5	8	6	4	0	0	0	0
85	7.1	2.84	0.40	23 ⁴	19	1	2	0	6	16	5	0	0	2	6	2	10	10	1	0	0	0	0
86	8.9	3.09	0.44	26 ⁴	19	1	1	0	1	22	2	1	0	1	1	6	8	9	4	1	0	0	0
88	8.7	3.72	0.61	26 ⁴	19	0	2	0	0	20	6	1	0	1	1	6	9	11	1	1	1	0	0
92	8.1	3.27	0.45	26 ⁴	22	0	0	0	1	18	7	2	1	1	2	2	10	8	3	2	0	0	0
94	8.0	5.42	0.95	34 ⁴	25	3	1	1	0	13	7	1	0	0	2	4	12	7	4	0	0	0	0
90	8.3	6.24	0.91	22 nd	27	2	9	4	2	17	10	0	0	2	2	4	12	7	4	0	0	0	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	1	0	0
87	8.8	6.44	1.22	4 th	26	0	3	0	1	22	10	2	0	4	2	5	7	7	11	4	0	0	0
93	7.4	4.46	1.00	2 nd	21	1	0	0	4	16	5	1	1	0	4	3	7	7	4	0	0	0	0
91	8.9	3.19	0.58	26 ⁴	21	0	1	1	0	20	7	3	2	1	1	5	9	7	5	0	0	0	0
94	8.0	3.52	0.99	26 ⁴	20	0	2	1	1	18	7	3	2	1	1	4	7	8	4	0	0	0	0

reference to the hour at which the phenomena occurred.
Barometric Observations at this station are not

Barometric Observations at this station are not corrected for altitude

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