

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 *Friday 1st February 1884.*

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

† YESTERDAY EVENING.															8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	SHADE TEMP.											
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).	Weather.		Max.	Min.	Amount of Rainfall.									
Haparanda	29.44	17	N	2	bc		29.52	+ .20	6	6	- 16	20	0	f	*	?	?	-									
Hernösand ...	29.55	11	WSW	2	b		29.56	+ .32	5	4	- 17	SE	2	u	*	27	?	-									
Stockholm ...	29.63	24	WSW	2	b		29.65	+ .35	23	23	- 5	SE	2	f	*	34	23	-									
Wisby ...	29.62	36	NW	6	bc		29.63	+ .33	32	31	- 7	SSE	4	bc	*	41	29	-									
Bodö																											
Christiansund ...																											
† Skudesnaes ...	29.36	43	WSW	6	b		29.41	- .03	40	39	- 1	E	2	o	4	43	?	0.16									
Oxö (Xiansund) ...	29.81	39	WSW	2	o		29.39	- .06	38	37	- 3	ENE	6	h	2	43	37	0.20									
Skagen (The Skaw)	29.68	38	WSW	5	b		29.44	- .00	37	37	- 4	ESE	4	h	3	43	37	0.08									
Fanö ...	29.67	40	SSE	4	h		29.37	- .40	42	42	+ 1	WSW	4	f	*	43	39	0.35									
Cuxhaven ...	29.78	45	S	2	bc		29.58	- .27	47	47	+ 6	SW	5	h	*	?	38	0.20									
† Sumburgh Head																											
† Stornoway ...																											
Wick ...																											
Nairn ...	29.45	36	WSW	1	b		29.42	- .07	35	35	- 3	20	0	h	1	42	33	0.26									
Aberdeen ...	29.50	38	2	0	o		29.89	- .16	40	39	0	NE	5	Am	4	43	36	0.19									
Leith ...	29.44	43	h	1	o		29.32	- .30	40	39	- 2	E	3	o	*	45	38	0.11									
† Shields ...	29.44	41	SSE	5	omh		29.32	- .40	42	41	- 2	WSW	1	f	2	45	39	0.18									
Spurn Head ...	29.51	48	SSW	1	o		29.36	- .45	44	43	+ 2	SSE	3	o	3	47	39	0.21									
York ...	29.50	43	S	1	m		29.35	- .43	42	41	- 2	SSE	1	h f	*	49	38	0.27									
Loughborough ...	29.55	51	SSW	4	h		29.37	- .43	44	43	+ 2	SSW	2	bc	*	51	42	0.25									
† Ardrossan ...	29.38	42	ENE	3	dm		29.29	- .36	39	39	- 4	NE	3	Am	1	43	38	0.32									
† Mullaghmore ...	29.26	47	ESE	2	cm		29.16	- .21	42	41	- 2	ESE	4	cm	3	49	42	0.02									
Donaghadee ...	29.36	45	S	3	h		29.24	- .44	41	41	0	E	4	h	2	45	40	0.40									
Parsonstown ...	29.52	45	SSE	1	b		29.01	- .56	44	42	+ 3	NE	1	o h	*	52	40	0.27									
Barrow-in-Furness	29.42	47	SW	2	h		29.29	- .43	41	40	- 2	ENE	3	c	3	47	40	0.61									
† Holyhead ...	29.42	48	SSW	3	o		29.21	- .46	45	43	+ 2	SSE	3	o	3	50	39	0.37									
Liverpool (Bidston)	29.46	52	S	2	o		29.29	- .44	41	40	- 1	ESE	2	bc	2	52	41	0.32									
† Valencia ...	29.14	51	S	5	om		28.95	- .40	46	45	- 3	NW	5	ogf	5	55	45	0.27									
Roche's Point ..	29.35	50	SSW	4	bc		28.83	- .63	45	45	- 5	SW	2	cp	5	53	45	0.40									
Pembroke ...	29.47	50	SSW	3	h		29.11	- .48	46	45	- 3	SSW	6	ogf	7	50	44	0.35									
† Scilly ...	29.54	49	SSW	5	cp		29.22	- .44	49	46	- 3	SW	8	o	7	52	44	0.18									
Prawle Point ...	29.63	50	SW	7	h		29.40	- .39	47	44	- 2	SSW	8	hgv	7	50	44	0.15									
Hurst Castle ...	29.68	50	SSW	7	h		29.48	- .37	47	44	- 2	SW	6	bcu	5	51	44	0.23									
† Dover ...	29.75	47	SW	4	c		29.49	- .42	47	46	- 1	WSW	5	bcu	4	49	47	0.26									
† London ...	29.69	50	SW	4	oh		29.48	- .36	45	44	- 5	SW	2	bc	*	52	45	0.16									
Oxford ...	29.58	51	SSW	4	h		29.42	- .37	45	43	- 1	SSW	3	cm	*	52	45	0.21									
Cambridge ...	29.64	50	S	1	h		29.43	- .42	46	45	+ 3	SSW	1	h	*	52	42	0.11									
† Yarmouth ...	29.66	48	SSW	4	ong		29.45	- .43	47	46	+ 4	SW	3	cg	3	49	40	0.10									
The Helder ...	29.69	46	SSW	5	h		29.45	- .50	45	45	+ 7	SSW	5	h	3	46	43	0.24									
Cape Griz Nez ...	29.78	49	SW	7	o		29.51	- .41	46	46	- 1	SW	7	f	5	50	45	0.35									
† Jersey ...	29.76	50	SW	5	omh		29.58	- .34	46	44	- 2	SW	7	bcu	6	51	46	0.09									
Brest ...	29.71	49	SW	7	h		29.55	- .34	47	45	- 4	WSW	11	o	8	52	45	0.28									
Lorient ...	29.88	53	SSW	9	o		29.73	- .27	46	42	- 6	W	9	h	8	55	41	0.08									
† Rochefort ...	30.06	52	S	5	o		29.99	- .20	50	48	+ 5	W	9	o	4	57	39	0.12									
Biarritz ...	30.01	64	S	4	h		30.16	+ .03	48	46	- 11	W	8	h	4	70	45	0.04									
Corunna ...	*	*	*	*	*																						
Brussels ...	*	*	*	*	*		29.60	- .41	48	47	0	SSW	5	h	*	52	48	0.04									
Charleville ...	?	46	W	4	b		29.71	- .51	47	42	- 1	SW	4	o	*	53	46	-									
Paris ...	30.01	51	SW	1	o		29.77	- .36	48	47	0	S	4	o	*	*	*	0.08									
Lyons ...	30.14	50	S	3	b		30.02	- .27	48	45	+ 13	SSW	5	bc	*	57	?	-									
Toulon ...	30.45	50	SSW	3	o		30.35	- .14	48	45	+ 1	S	3	o	1	54	45	-									
HIGH LEVEL STATION. Barometric readings not corrected for altitude* (1,135 ft.) above M.S.L.																											
Hawes Junction	28.23	41	SW	2	h		28.08	- .40	38	38	- 2	SE	3	h	*	45	32	1.16									
EXPLANATION OF COLUMNS.																											
WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.																											
AN ASTERISK is inserted in all places for which information is not usually received.																											
† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.																											
† These Stations send Reports at 2 p.m. daily (Sundays excepted).																											

WEATHER CHARTS

for 8 a.m. on Friday,

1st February.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

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

○ = dead calm.

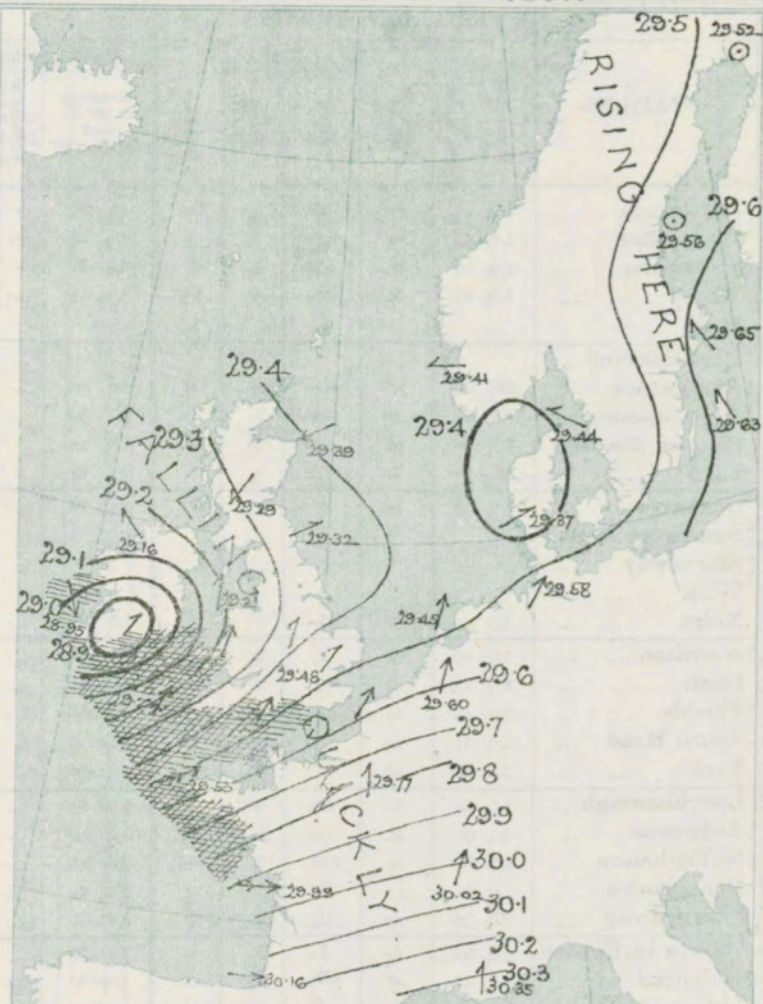
Sea Disturbance — where considerable is shown thus

▨ = Rough, ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sunburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.769
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.822
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roches Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.830
Yarmouth	29.820



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.

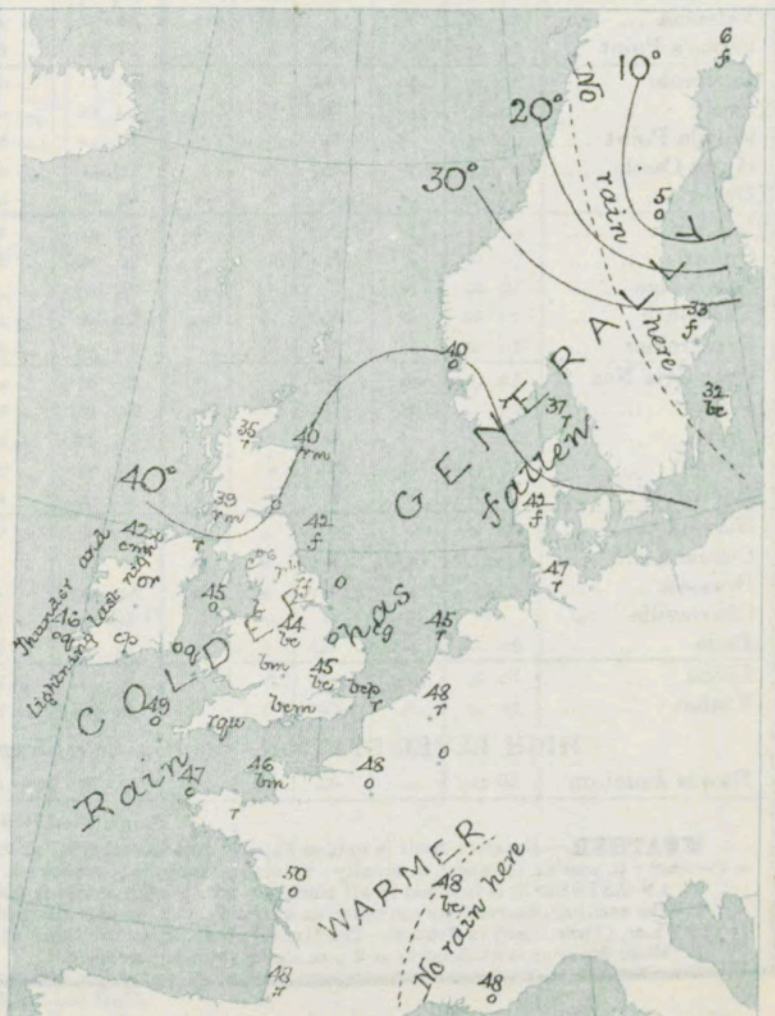
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of February.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sunburgh Head	38.4	37.6	3.26
Stornoway	39.0	37.7	3.91
Wick	38.3	36.8	2.05
Nairn	37.2	35.4	1.42
Aberdeen	37.5	35.9	2.32
Leith	38.9	37.6	1.59
Shields	38.8	37.5	1.71
York	37.7	36.7	1.76
Ardrossan	39.9	38.1	3.33
Donaghadee	40.6	38.6	2.40
Holyhead	42.0	40.5	2.60
Liverpool	39.6	38.0	1.81
Valencia	45.2	43.9	4.60
Roches Point	43.6	42.1	4.26
Pembroke	42.6	41.5	2.84
Scilly	46.7	45.1	2.75
Hurst Castle	40.9	40.1	2.58
Dover	39.7	38.5	2.07
LONDON	39.3	38.2	1.81
Oxford	38.7	37.6	1.92
Cambridge	37.9	36.8	1.53
Yarmouth	38.5	37.9	2.09

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 1st February.

1884, at 8 a.m.

In the course of the past twenty-four hours the barometer has fallen at all but the Swedish stations and a shallow depression has been formed over the eastern shores of the North Sea, while a small but deeper disturbance has advanced over the south of Ireland. Pressure is still highest over the south of France. The wind is SW^{ly} over France and the south of England, but at our more northern stations it is E^{ly}, while at Valencia a NW^{ly} breeze is reported. Over the Bay of Biscay and SW. of England there is a fresh to strong gale. The weather is fine at some of our Central and southern stations, but cloudy, or overcast elsewhere, with rain over the western and northern parts of the Kingdom, and fog in the north of England. In the course of the past twenty-four hours rain has fallen generally. A thunderstorm occurred last night at Mullaghmore and lightning was seen at Valencia. Temperature has fallen a few degrees, and readings now range from 49° at Scilly to 36° at Kairn. The sea is high in the SW. but slight in the N. and E.

The depression over the south of Ireland will probably move in a NE^{ly} or ENE^{ly} direction, and occasion SW^{ly} to W^{ly} gales at most of our southern stations.

FORECASTS

for the 24 hours ending at NOON on 2nd February. 1884.

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

DISTRICTS.

FORECASTS.

0 { SCOTLAND NORTH	E ^{ly} or SE ^{ly} winds, moderate and fresh; unsettled, rain at times.		
1 { SCOTLAND EAST	D°	D°	D°
2 { ENGLAND N.E.	S ^{ly} winds, freshening; cloudy, rain at times.		
3 { ENGLAND EAST	-----D°-----D°-----D°-----		
4 { MIDLAND COUNTIES	Same as No 5.		
5 { ENGLAND SOUTH	SW ^{ly} winds, strong, perhaps a gale; changeable, some rain.		

DISTRICTS.

FORECASTS.

6 { SCOTLAND WEST	E ^{ly} and SE ^{ly} winds, freshening; cloudy, rain at times.		
7 { ENGLAND N.W.	-----D°-----D°-----D°-----		
8 { ENGLAND S.W.	SW ^{ly} strong winds and gales; cloudy, showery.		
9 { IRELAND NORTH	Same as Nos 6 and 7.		
10 { IRELAND SOUTH	NW ^{ly} winds, fresh; showery.		

WARNINGS

The south cone is still up in districts 5. 8 to 10 and part of 7.

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

YESTERDAYS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.55	43	41	SW	6	0	6	Valencia	29.30	53	50	S	7	bcw	6
Sumburgh Head								Scilly	29.58	52	52	S	6	0	5
Stornoway								Dover	29.63	48	47	SW	5	op	4
Aberdeen	29.54	41	38	SW	1	0	2	London	29.74	52	49	SSW	4	om	4
Shields	29.63	42	41	S	5	1	2	Yarmouth	29.74	49	48	SW	4	0	4
Ardrossan	29.34	43	42	ESE	6	1	5	Jersey	29.81	51	50	SW	5	0	5
Mullaghmore	29.49	43	43	2	0	0	2	Rochefort	30.12	52	50	SSE	5	C	2
Holyhead	29.45	49	49	SSW	3	0	3								

REMARKS.

The reports from Sumburgh Hd. & Stornoway are wanting. Elsewhere the barometer continues to fall, the change being greatest at Holyhead. ^{N^W} or ^{N^E} winds prevail generally and blow with the force of a moderate gale at Valencia. The sky is overcast in most places, with rain at Shields, and passing showers at Dover. The sea is slight at Holyhead moderate at Dover.

DAILY WEATHER REPORT

for *Saturday 8th February 1884.*

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

† YESTERDAY EVENING.														8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.											
			Dir.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)			Max.	Min.	Amount of Rainfall.									
Haparanda	29.46	32	SE	4	S	29.49	- 0.3	- 8	- 8	- 14	NSW	2	f	*	23	?	0.08									
Hernösand ...	29.32	32	N	2	O	29.58	+ 0.2	9	9	+ 4	NSW	0	f	*	27	1	-									
Stockholm ...	29.80	33	NNE	4	S	29.44	- 2.1	28	27	+ 5	NNW	6	o	*	34	18	0.12									
Wisby ...	29.15	39	NNE	4	A	29.87	- 2.6	34	32	+ 2	NNW	8	o	*	39	30	-									
Bodö ...	29.31	30	SW	4	A	29.45		30	28		NNW	6	bc	3	20	25	-									
Christiansund ...	29.63	27	SW	1	bc	29.73		31	28		NNW	4	c	4	?	23	0.20									
† Skudesnaes ...	29.48	32	NNW	6	bc	29.82	+ 4.1	30	26	0	NNN	4	c	3	41	?	-									
Oxö (Xidansund) ...	29.38	34	N	1	bc	29.77	+ 3.8	31	27	- 7	NNE	4	c	2	?	?	-									
Skagen (The Skaw) ...	29.46	35	NE	5	bc	29.69	+ 2.5	31	29	- 6	NE	5	bc	5	39	30	0.08									
Fanö ...	29.45	41	NSW	4	A	29.68	+ 3.1	36	35	- 6	NNE	2	bc	*	43	34	0.24									
Cuxhaven ...	29.44	42	NSW	4	A	29.66	+ 0.8	41	41	- 6	N	2	A	*	?	39	0.32									
† Sumburgh Head																										
† Stormoway ...																										
Wick ...																										
Nairn ...	29.79	34	ENE	6	O	30.14	+ 7.2	34	32	- 1	NNW	3	o	3	38	31	0.14									
† Aberdeen ...	29.70	36	NNE	7	O	30.10	+ 7.1	38	31	- 7	N	4	esp	6	41	30	0.19									
Leith ...	29.63	38	ENE	7	A	30.14	+ 8.2	38	30	- 7	NE	1	bc	*	41	30	0.35									
† Shields ...	29.40	42	ENE	5	A	30.02	+ 7.0	37	37	- 5	NE	6	c	6	44	33	0.17									
Spurn Head ...	29.32	43	SSE	4	c	29.82	+ 4.6	34	34	- 4	NNE	8	cq/p	6	47	37	0.27									
York ...	29.33	43	SE	1	A	29.96	+ 6.1	37	34	- 5	N	2	o	*	50	37	1.17									
Loughborough ...	29.78	47	S	3	O	29.88	+ 5.1	37	35	- 7	NE	4	o	*	48	35	0.48									
† Ardrossan ...	29.50	38	NE	4	sm	30.19	+ 9.0	32	31	- 7	N	2	bc	1	40	31	0.60									
† Mullaghmore ...	29.57	42	NNE	6	O	30.27	+ 1.1	38	35	- 4	NNE	6	o	5	44	37	-									
Donaghadee ...	29.42	43	E	4	O	30.18	+ 0.94	36	32	- 5	NE	6	bc	5	45	35	0.38									
Parsonstown ...	29.44	41	NNE	3	O	30.23	+ 1.22	32	29	- 12	NW	1	bc	*	44	31	0.08									
Barrow-in-Furness	29.28	43	NNE	3	A	30.02	+ 0.73	35	32	- 6	NE	3	bc	5	46	35	0.06									
† Holyhead ...	29.20	42	ENE	6	A/q	30.06	+ 3.5	39	35	- 6	NE	7	c	7	45	37	1.07									
Liverpool (Bidston)	29.21	41	NE	4	A	30.01	+ 7.2	35	32	- 6	NNE	3	c	3	44	35	0.40									
† Valencia ...	29.55	47	N	6	bc/q	30.27	+ 1.32	40	37	- 6	NE	5	c	5	49	38	0.11									
Roche's Point ..	29.38	45	N	7	c	30.17	+ 1.34	35	33	- 10	NNE	5	bc	5	48	34	0.35									
Pembroke ...	29.02	46	N	4	bc	29.93	+ 0.82	39	35	- 7	NNE	7	c	4	48	36	0.40									
† Scilly ...	29.22	47	NNW	7	cq	29.53	+ 6.1	45	40	- 4	N	9	o	6	49	40	0.36									
Prawle Point ...	29.22	46	NSW	8	c	29.76	+ 3.6	39	38	- 3	N	5	A	6	43	37	0.05									
Hurst Castle ...	29.34	48	SW	8	c	29.65	+ 1.7	42	41	- 5	NNE	5	p	4	51	41	0.28									
† Dover ...	29.48	47	NSW	6	bc	29.59	+ 1.0	45	40	- 2	ESE	1	bc/p	2	48	44	0.15									
† London ...	29.40	48	SSW	6	bc	29.72	+ 2.4	41	40	- 4	NNE	7	cq	*	50	41	0.28									
Oxford ...	29.30	46	S	5	A	29.79	+ 3.7	38	36	- 7	NE	9	cq/v	*	48	38	0.09									
Cambridge ...	29.38	45	SW	2	c	29.78	+ 3.5	39	38	- 7	NNE	5	o/p	*	51	37	0.08									
† Yarmouth ...	29.44	46	SW	4	c	29.77	+ 3.2	39	37	- 8	NNE	7	cq/v	6	48	38	0.04									
The Helder ...	29.54	45	SSW	4	c	29.67	+ 2.2	42	41	- 3	NSW	1	A	2	46	41	0.12									
Cape Griz Nez ...	29.52	47	N	8	bc	29.57	+ 0.6	42	42	- 4	SE	3	o	3	48	41	0.12									
† Jersey ...	29.44	47	SW	8	cm	29.65	+ 0.7	46	46	0	NNW	4	cq/v	6	49	44	0.26									
Brest ...	29.43	48	NSW	9	O	29.72	+ 1.7	45	42	- 2	NNW	5	o	5	50	43	0.04									
Lorient ...	29.57	49	NSW	11	O	29.81	+ 0.8	48	44	+ 2	NNW	7	bc	7	55	43	0.16									
† Rochefort ...	29.97	51	SW	9	O	29.97	- 0.2	48	46	- 2	NNW	8	A	4	55	41	0.39									
Biarritz ...	30.07	55	S	4	bc	30.04	- 1.2	48	43	0	S	1	o	5	66	46	-									
Corunna ...	*	*	*	*	*																					
Brussels ...	*	*	*	*	*	29.67	+ 0.7	44	43	- 4	SW	3	A	*	51	?	0.32									
Charleville ...	29.80	45	NE	4	m	29.71	+ 0.0	44	41	- 3	SW	7	o	*	49	40	0.47									
Paris ...	29.81	48	S	7	bc	29.76	- 0.1	46	44	- 2	S	3	o	*	*	*	0.08									
Lyons ...	30.06	48	N	3	O	30.04	+ 0.2	42	38	- 6	S	3	c	*	53	39	-									
Toulon ...	30.23	46	S	3	m	30.19	- 1.6	46	45	- 2	SW	0	m	3	?	?	0.04									

HIGH LEVEL STATION.

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

Hawes Junction	28.09	59	E	4	O		28.77	+ 6.9	29	29	- 4	N	3	bc	*	41	29	0.18
----------------	-------	----	---	---	---	--	-------	-------	----	----	-----	---	---	----	---	----	----	------

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 Saturday 2nd February.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

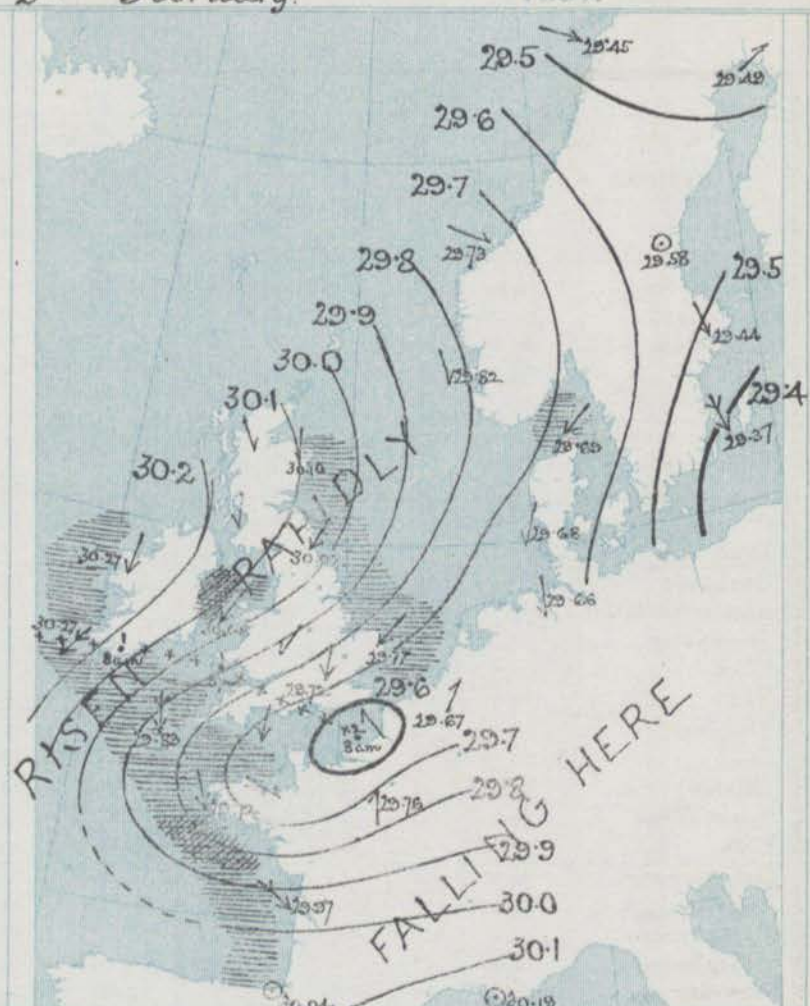
Sea Disturbance — where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.730
Stormway	29.720
Wick	29.758
Nairn	29.773
Aberdeen	29.799
Leith	29.821
Shields	29.837
York	29.856
Ardrossan	29.827
Donaghadee	29.820
Ballyhead	29.855
Liverpool	29.882
Valencia	29.870
Roch's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



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 February.

STATIONS	TEMPERATURE		RAIN FALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	38.4	37.6	3.36
Stormway	39.0	37.7	3.91
Wick	39.3	38.5	2.08
Nairn	37.2	36.9	1.42
Aberdeen	37.5	35.0	3.32
Leith	38.9	35.6	1.53
Shields	38.6	35.6	1.71
York	37.7	36.7	1.76
Ardrossan	38.9	35.1	3.33
Donaghadee	40.6	39.6	2.40
Ballyhead	42.0	40.6	2.60
Liverpool	39.0	36.0	1.81
Valencia	45.2	43.9	4.60
Roch's Point	43.0	42.1	4.78
Pembroke	42.6	41.5	2.64
Scilly	46.2	45.1	2.78
Hurst Castle	40.9	40.1	2.69
Dover	39.7	38.6	2.02
LONDON	39.3	38.2	1.61
Oxford	38.7	37.6	1.92
Cambridge	37.9	36.6	1.63
Yarmouth	38.6	37.9	2.09

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, 2nd February

1884, at 8 a.m.

The depression noticed over the south of Ireland yesterday morning has travelled in an ESEth direction and now has its centre off the Sussex coast. In the meantime a very brisk rise of the barometer has taken place at all our more western and northern stations, so that steep gradients for NEth winds have been formed over our Islands. In France the barometer continues to fall. Strong winds or gales from the Nth or NEth are reported in nearly all parts of the United Kingdom, but in the west of France the wind is NWth, while in the NE. of that country it is light from the SWth. The weather is dull and showery in the south and south east, but fair in the west and north. In the course of the past 24 hours rain has fallen generally; at York there has been as much as 1.2 ins: and at Holyhead 1.1 ins:. Temperature has fallen several degrees generally and readings now range from 46° at Slieve to 32° at Ardara and Ben Bulbin. Frost occurred last night in Scotland and Central Ireland. The sea is rough on all coasts.

The depression will probably continue to move in an ESEth or SEth direction, and strong Nth or NEth winds with cold but generally fair ^{weather} are likely to last for a time.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	N th Winds, fresh or strong; some snow showers	6 { SCOTLAND WEST	Same as No 0 and 1.
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N. W.	Same as No 5.
2 { ENGLAND N. E.	Same as No 5	8 { ENGLAND S. W.	N th strong winds and gales; fair generally.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	-----D-----D-----D-----
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	NE th and N th strong winds and gales; fair on the whole, but some cold showers.	WARNINGS	
		The N. Cone was hoisted last evening in districts 0 to 2. 6. 7. and 9. and this morning in districts 3. 5. and 8.	

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.41	37	35	NNW	6	0	4	Valencia	29.34	48	46	N	6	bcm	6
Sumburgh Head								Scilly	29.17	49	48	NNW	8	c	7
Stornoway								Dover	29.51	47	45	NNW	6	bys	5
Aberdeen	29.51	40	38	NNE	8	1	7	London	29.42	46	44	SW	6	oh	*
Shields	29.32	42	42	NE	2	0	2	Yarmouth	29.42	48	45	SSW	3	c	3
Ardrossan	29.36	40	40	NE	3	1	2	Jersey	29.49	49	46	SW	8	bc	6
Mullaghmore	29.35	42	41	N	5	0	4	Rochefort	30.04	53	47	NNW	8	o	4
Holyhead	29.13	43	42	ESE	4	1	5								

REMARKS.

The depression which lay over the S of Ireland this morning has moved slowly E^{ds} and now lies near Pembroke. At Mullaghmore and Valencia the wind has shifted to the N⁴, but in the S. and S.W. of England it is strong to a gale from the S.W⁴. Cloudy, rainy weather prevails at most of our stations. The sea is rather rough both at Holyhead and Dover.

DAILY WEATHER REPORT

for Sunday 3rd February 1884.

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

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dirac.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12)			Max.	Min.				
Haparanda	29.07	17	Z	0	b	29.61	+ .18	15	15	—	7	Z	0	6	—	—	—			
Hernösand ...	29.70	15	Z	0	b	29.63	+ .05	10	9	—	1	Z	0	6	27	7	—			
Stockholm ...	29.30	18	W	2	b	29.29	+ .45	15	15	—	13	WSW	2	6	24	?	—			
Wisby ...	29.75	30	N	0	bc	29.09	+ .21	32	31	—	2	NW	6	6	26	28	—			
Bodö ...	29.22	27	WNW	4	bc	29.17	— .28	24	23	—	6	F	3	6	24	24	—			
Christiansund ...	29.78	30	SW	6	bc	29.30	— .40	37	26	—	6	WSW	7	7	37	27	0.71			
† Skudesnaes ...																				
Oxö (Xtiansund) ...	29.99	28	W	4	b	29.98	+ .16	29	36	—	8	SW	4	0	2	27	—			
Skagen (The Skaw)	30.02	29	NNW	3	b	29.99	+ .30	36	31	—	5	N	3	0	2	37	28	—		
Fanö ...	30.11	31	N	2	b	30.19	+ .51	37	33	—	1	W	4	0	2	28	—			
Cuxhaven ...	29.83	30	NNE	3	c	30.29	+ .63	31	31	—	9	S	2	6	?	?	—			
† Sumburgh Head																				
† Stornoway ...																				
Wick ...	30.04	37	W	4	0	29.79	— .31	45	44	—	13	W	5	0	3	45	30	0.03		
Nairn ...	30.10	35	WNW	2	0	29.86	— .28	46	44	—	12	NNW	3	0	2	46	32	—		
† Aberdeen ...	30.17	32	W	3	b	29.92	— .18	29	38	—	6	SSW	3	0	2	39	30	0.01		
Leith ...	30.23	35	NW	2	b	30.02	— .12	44	42	—	11	NNW	6	0	2	44	30	—		
† Shields ...	30.26	34	NNW	3	bc	30.15	+ .13	38	37	—	1	WSW	3	0	4	38	29	0.02		
Spurn Head ...	30.19	37	N	0	bc	30.20	+ .48	34	32	—	6	SW	4	0	4	40	32	0.02		
York ...	30.27	36	N	2	0	30.30	+ .34	30	30	—	4	S	2	5	41	29	0.05			
Loughborough ...	30.27	35	NNW	2	b	30.40	+ .52	30	31	—	4	W	3	0	4	43	29	—		
† Ardrossan ...	30.30	34	Z	0	b	30.18	— .06	46	44	—	14	W	4	0	3	46	31	0.48		
† Mullaghmore ...	30.25	36	SSW	3	bc	30.26	— .01	47	46	—	9	SW	5	0	4	47	35	0.14		
Donaghadee ...	30.25	32	NE	2	b	30.22	+ .04	44	43	—	8	W	4	0	2	44	31	0.04		
Parsonstown ...	30.43	32	SW	1	b	30.40	+ .17	41	40	—	9	SW	1	0	2	41	29	—		
Barrow-in-Furness	30.24	33	N	2	b	30.26	+ .24	41	41	—	6	SW	3	0	3	42	30	0.13		
† Holyhead ...	30.24	28	N	3	bc	30.35	+ .29	42	41	—	3	WSW	4	0	4	42	33	0.02		
Liverpool (Bidston)	30.23	25	N	2	b	30.22	+ .31	37	36	—	2	SW	4	0	3	39	32	0.04		
† Valencia ...	30.17	36	Z	0	b	30.48	+ .24	46	45	—	6	W	3	0	3	49	35	0.10		
Roche's Point ..	30.45	33	NNE	3	b	30.45	+ .28	41	40	—	6	WSW	1	0	4	43	32	—		
Pembroke ...	30.36	36	NNE	2	b	30.45	+ .32	43	42	—	4	WSW	3	0	3	44	34	—		
† Scilly ...	30.29	43	NNE	7	c	30.32	+ .71	42	39	—	3	NW	2	0	4	45	34	—		
Prawle Point ...	30.25	38	N	4	bc	30.54	+ .78	32	30	—	7	WNW	1	0	2	40	30	—		
Hurst Castle ...	30.21	40	NNE	4	b	30.30	+ .85	31	30	—	11	Z	0	6	48	28	0.01			
† Dover ...	30.11	44	NE	5	bcq	30.46	+ .27	30	32	—	12	N	2	0	46	33	0.06			
† London ...	30.21	39	NNE	6	b	30.48	+ .76	32	30	—	9	WSW	2	0	4	42	38	—		
Oxford ...	30.33	35	N	3	b	30.47	+ .68	30	29	—	8	W	1	0	4	43	29	—		
Cambridge ...	30.22	37	NNE	2	b	30.44	+ .66	30	29	—	9	SW	1	0	4	43	28	—		
† Yarmouth ...	30.13	40	NNE	6	bc	30.38	+ .61	32	31	—	7	W	1	0	4	41	30	0.02		
The Helder ...	30.10	40	NNE	3	b	30.34	+ .47	33	35	—	4	WSW	1	0	4	43	36	—		
Cape Griz Nez ...	30.05	41	NE	9	0	30.43	+ .86	39	38	—	3	N	4	0	4	46	37	0.014		
† Jersey ...	30.14	42	NE	6	omg	30.57	+ .86	39	36	—	7	NE	3	0	3	47	38	0.01		
Brest ...	30.15	45	NE	5	bc	30.48	+ .76	40	38	—	5	NE	1	0	3	46	36	0.08		
Lorient ...	30.10	45	?	8	bc	30.31	+ .73	41	37	—	7	NE	5	0	4	42	37	—		
† Rochefort ...	30.09	48	S	1	bc	30.45	+ .48	41	39	—	7	NE	8	0	2	44	36	0.08		
Biarritz ...	30.11	32	W	1	b	30.22	+ .28	48	46	—	0	W	3	0	5	61	45	—		
Corunna ...						30.26		49	47	—		NE	6	0	6	50	39	0.24		
Brussels ...						30.43	+ .76	32	32	—	11	NNE	1	0	4	45	33	0.29		
Charleville ...	29.94	43	W	1	0	30.30	+ .39	36	33	—	8	E	4	0	4	47	35	0.16		
Paris ...	30.10	44	SW	3	0	30.48	+ .72	36	34	—	10	SW	4	0	4			0.08		
Lyons ...	30.10	47	S	1	0	30.22	+ .28	29	37	—	3	N	1	0	4	50	29	—		
Toulon ...	30.18	48	SE	1	m	30.24	+ .12	47	45	—	1	E	1	0	4	52	45	0.08		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.95	25	SSW	1	b	29.03	+ .16	32	32	—	3	SW	3	0	4	32	?	0.03		

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. 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 3rd February

1884.

BAROMETER, WIND & SEA.

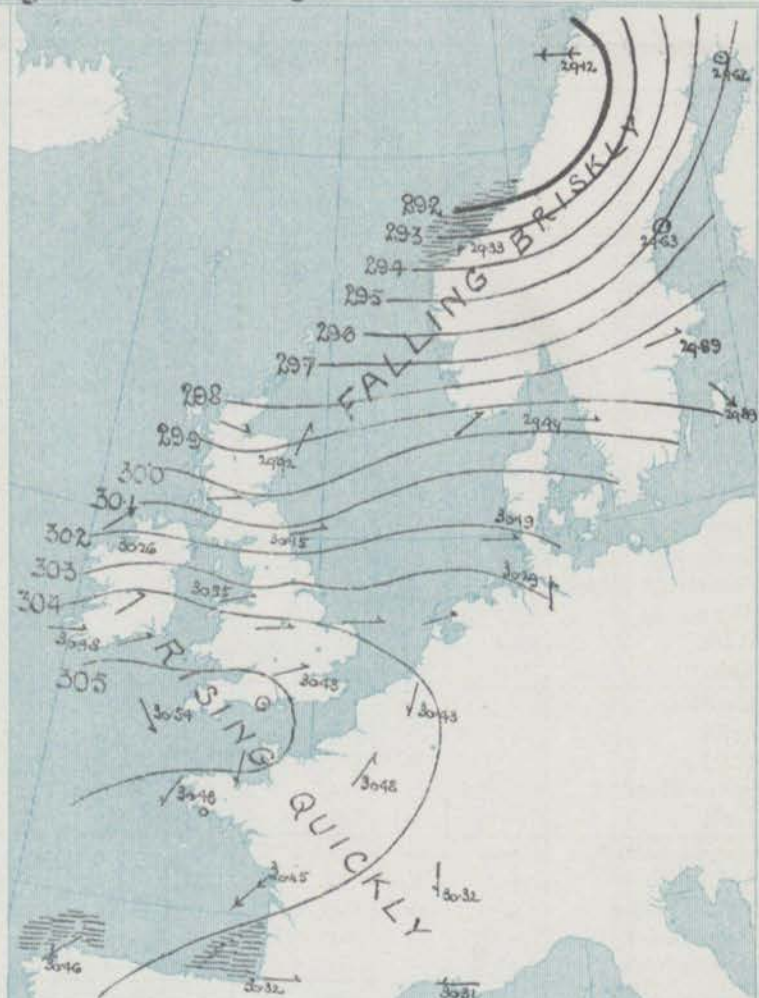
(Explanation of Map)

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.783
Leith	29.821
Shields	29.857
York	29.896
Ardrossan	29.922
Donaghadee	29.928
Holyhead	29.935
Liverpool	29.982
Valencia	29.970
Roche's Point	29.967
Pembroke	29.987
Scilly	29.925
Hurst Castle	29.935
Dover	29.946
LONDON	29.941
Oxford	29.939
Cambridge	29.930
Yarmouth	29.920



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

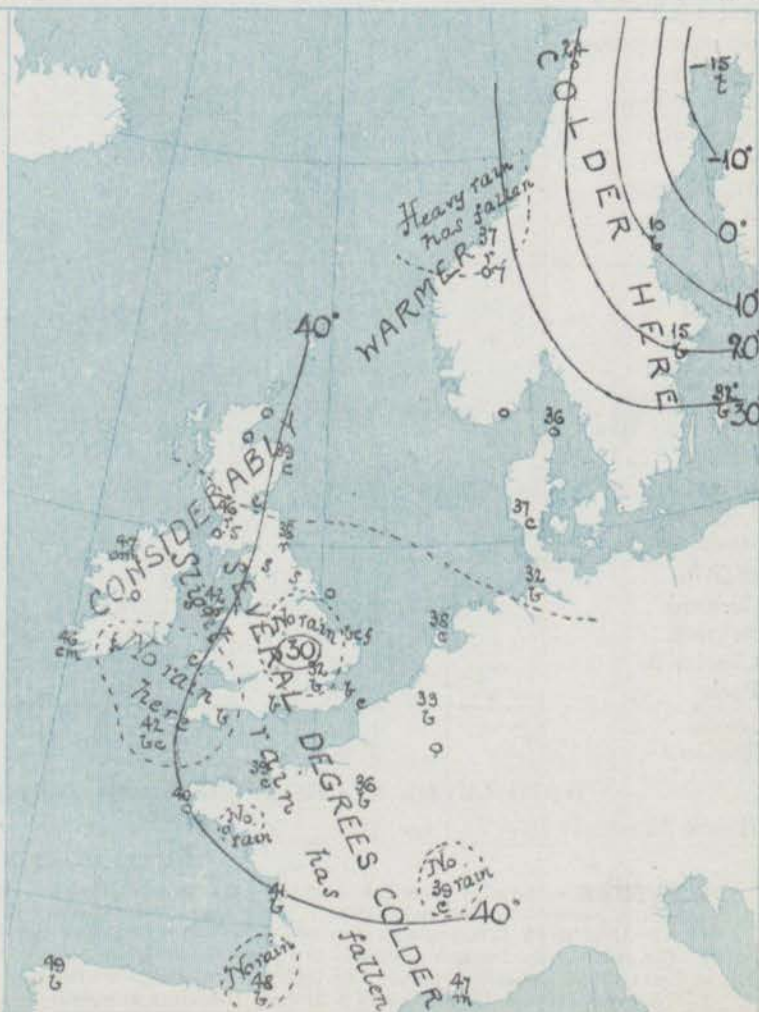
- Temperature** — Isotherms are drawn for each 10° Changes since previous morning are stated in words.
- Weather** — is shown by Letters of the Beaufort Scale.
- Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more,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

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

for the month of February

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	38.4	37.6	3.26
Stornoway	39.0	37.7	2.91
Wick	36.5	36.8	2.05
Nairn	37.2	35.4	1.42
Aberdeen	37.5	35.9	2.32
Leith	38.9	37.6	1.59
Shields	38.8	37.5	1.71
York	37.7	36.7	1.76
Ardrossan	39.9	38.1	3.33
Donaghadee	40.6	38.6	2.40
Holyhead	42.0	40.5	2.60
Liverpool	39.6	38.0	1.81
Valencia	45.2	43.4	4.60
Roche's Point	43.6	42.1	4.26
Pembroke	42.8	41.5	2.84
Scilly	46.7	46.1	2.25
Hurst Castle	40.9	40.1	2.68
Dover	39.7	38.5	2.07
LONDON	39.3	38.2	1.81
Oxford	38.7	37.6	1.92
Cambridge	37.9	36.8	1.53
Yarmouth	38.5	37.9	2.09

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 3rd February 1884. at 8 a.m.

The depression whose centre lay off the Sussex coast yesterday morning has now disappeared from our area, and the brisk rise of the barometer which was then in progress over our islands has extended to France. An area of high pressure in which readings exceed 30.5 ins: now lies over the western half of the Channel. In the meantime a large depression has appeared off the west of Norway, and the barometer has consequently fallen at the extreme northern station. E^{ly} or NE^{ly} winds prevail over France, but in our islands and Scandinavia the wind is W^{ly}; in force it is chiefly moderate. The weather is fine at our southern and the French stations, as well as in Sweden, but elsewhere the sky is cloudy, and in the northern parts of England and Ireland rain is falling. In the course of the past 24 hours rain, hail or sleet has fallen in most places. Temperature has risen quickly in the north, but fallen several degrees in the south, and readings now range from 17° at Mullaghmore to 30° at Oxford and Cambridge. The sea is moderate to smooth.

FORECASTS

for the 24 hours ending at NOON on 4th February. 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	none Issued	6 { SCOTLAND WEST	none Issued
1 { SCOTLAND EAST		7 { ENGLAND N. W.	
2 { ENGLAND N. E.		8 { ENGLAND S. W.	
3 { ENGLAND EAST		9 { IRELAND NORTH	
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH			
		WARNINGS	The H. cone is still flying in districts 0 to 3. 5. and 7. and 9.

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.
Skudesnaes	29.96	36	32	NNW	4	b	3	Valencia	30.41	42	29	NNE	4	a	5
Sumburgh Head								Scilly	30.14	43	29	NNE	8	e	6
Stornoway								Dover	29.98	45	43	NE	5	op	4
Aberdeen	30.18	35	32	NNW	3	b	5	London	30.03	42	36	NNE	6	bc	*
Shields	30.19	37	36	N	3	c	6	Yarmouth	30.00	41	38	N	7	bc	6
Ardrossan	30.27	37	35	NNW	1	b	1	Jersey	29.96	43	42	NE	6	c	5
Mullaghmore	30.25	42	37	ESE	1	c	1	Rochefort	30.02	51	48	WSW	7	c	4
Holyhead	30.28	39	34	NE	6	bc	6								

REMARKS.

The barometer continues to rise at all stations excepting at Valencia where a slight fall is reported to have taken place since noon. N^o or NE winds prevail generally, and blow with the force of a strong breeze or moderate gale in the S. and SE. The weather is fair generally. Sea is moderate at Holyhead, rather rough at Dover.

DAILY WEATHER REPORT

for *Monday 4th February 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	Shade Temp.	Max.	Min.	Amount of Rainfall.
			Dir.	Force. (0 to 12)			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)						
Haparanda	29.39	13	S	4	6		29.20	-.42	15	?	+30	S	4	0	*	?	?	0.16	
Hernösand ...	29.36	18	Z	0	6		29.02	-.61	32	31	+22	SW	2	0	*	?	5	0.04	
Stockholm ...	29.54	35	SW	4	0		29.20	-.69	39	38	+24	W	2	0	*	?	?	0.04	
Wisby ...	29.74	36	W	8	0		29.39	-.20	40	39	+8	W	4	0	*	?	28		
Bodö ...	29.02	31	E	2	0		28.56	-.56	31	30	+7	EVE	8	0	*	32	?		
Christiansund ...	29.16	41	SW	6	A		29.14	-.19	40	37	+3	WSW	9	A	7	41	36	1.42	
Skudesnaes ...	29.67	45	N	6	0		29.73		44	40		WNW	7	C	5	45	39		
Oxö (Xilassund) ...	29.64	43	WSW	8	0		29.59	-.34	45	42	+6	W	8	6	4	?	?	0.16	
Skagen (The Skaw) ...	29.68	41	W	7	0		29.57	-.42	44	43	+8	W	8	6	7	?	36	0.08	
Fanö ...	29.96	41	WSW	6	A		29.96	-.23	42	40	+5	W	6	A	*	43	36	0.04	
Cuxhaven ...	30.14	40	WSW	6	Bc		30.14	-.15	43	43	+11	WSW	6	0	*	?	?		
† Sumburgh Head																			
† Stornoway ...																			
Wick ...	29.72	46	WNW	7	6		29.96	+17	47	45	+2	W	1	6	1	49	43		
Nairn ...	29.85	46	W	3	6		30.01	+15	43	40	-3	W	3	6	0	50	42		
† Aberdeen ...	29.89	48	W	4	6		30.05	+13	45	43	+6	WNW	2	6	1	52	38	0.01	
Leith ...	30.00	47	W	6	C		30.08	+06	50	48	+6	W	4	C	*	50	42		
† Shields ...	30.13	46	WSW	4	C		30.14	-.01	49	48	+11	W	5	0	2	49	38	0.09	
Spurn Head ...	30.28	41	SW	4	C		30.28	-.07	45	44	+11	WSW	4	0	2	45	39	0.07	
York ...	30.23	45	WSW	2	0		30.25	-.05	47	45	+14	W	4	0	*	47	32	0.10	
Loughborough ...	30.38	43	W	4	0		30.33	-.07	45	43	+12	WSW	4	0	*	45	33	0.07	
† Ardrossan ...	30.13	46	W	5	0		30.15	+02	47	47	+1	WSW	2	C	2	49	44	0.02	
† Mullaghmore ...	30.14	48	SW	6	0 m		30.23	-.03	48	48	+1	SW	5	0 m	4	48	45	0.04	
Donaghadee ...	30.23	47	WSW	4	C		30.22	.00	50	49	+6	WNW	3	6	1	50	40		
Parsonstown ...	30.37	47	W	2	0		30.37	-.03	48	47	+7	W	1	0	*	49	40	0.02	
Barrow-in-Furness	30.24	45	WSW	4	0		30.25	-.01	45	44	+4	SW	3	0	A	46	41	0.11	
† Holyhead ...	30.33	47	W	3	C		30.33	-.02	47	46	+5	SW	4	0	4	47	40		
Liverpool (Bidston)	30.29	46	WSW	6	C		30.31	-.01	47	45	+10	WSW	5	C	8	47	37	0.05	
† Valencia ...	30.46	47	W	4	Op		30.42	-.06	50	50	+4	SSW	4	0 m	5	52	45	0.03	
Roche's Point ...	30.44	46	W	3	Bc		30.42	-.03	45	43	+4	WSW	3	6	3	52	40		
Pembroke ...	30.43	47	WSW	4	C		30.42	-.03	48	47	+5	WSW	4	0 m	3	48	43		
† Scilly ...	30.50	48	WSW	5	C		30.50	-.04	48	49	+6	W	4	C	4	48	40		
Prawle Point ...	30.51	45	WSW	2	0		30.50	-.04	48	43	+13	W	3	6	3	47	31	0.05	
Hurst Castle ...	30.48	44	W	4	C		30.48	-.02	45	44	+14	W	4	C	2	47	31		
† Dover ...	30.43	49	W	3	Bc		30.44	-.02	45	43	+12	W	2	6	1	45	33		
† London ...	30.44	41	WSW	3	0		30.42	-.06	45	43	+13	WSW	2	C	*	45	32		
Oxford ...	30.43	42	SW	3	0		30.43	-.04	44	42	+14	WSW	1	6	*	45	30		
Cambridge ...	30.37	41	SW	2	0		30.38	-.06	42	41	+12	SW	1	6	*	44	28		
† Yarmouth ...	30.31	39	WSW	4	C		30.30	-.08	44	42	+12	WSW	3	6	3	44	31		
The Helder ...	30.27	40	SW	5	A		30.27	-.07	43	42	+5	SW	4	C	3	45	37	0.04	
Cape Griz Nez ...	30.41	41	WNW	5	0		30.43	.00	46	45	+7	SW	4	0	3	?	37		
† Jersey ...	30.54	40	WNW	2	6		30.55	+04	45	44	+6	WSW	3	0 m	3	45	38		
Brest ...	30.55	41	W	3	6		30.53	+05	45	42	+5	SW	3	0	3	46	37		
Lorient ...																			
† Rochefort ...	30.37	41	E	7	6		30.63	+18	34	32	-7	EVE	5	6	2	52	28		
Biarritz ...	30.41	49	EVE	3	C		30.48	+16	37	36	-11	E	3	m	3	54	36		
Corunna ...																			
Brussels ...							30.47	+04	41	40	+8	WSW	5	0	*	41	?		
Charleville ...							30.52	+22	34	32	-2	NE	1	0	*	40	?		
Paris ...	30.56	41	NW	1	6		30.65	+17	37	36	+1	NNW	1	6	*				
Lyons ...	30.48	39	N	3	0		30.61	+29	37	35	-2	N	1	0	*	45	37		
Toulon ...	30.36	43	NW	4	C		30.52	+21	47	45	0	SE	3	0	2	57	?		

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

Hawes Junction	29.03	40	W	5	0		28.99	-.04	42	42	+10	W	2	NW	*	42	31	0.19	
----------------	-------	----	---	---	---	--	-------	------	----	----	-----	---	---	----	---	----	----	------	--

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

4th February.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

→ = force above 10; →→ = forces 8 to 10;
→→ = forces 6 to 7; →→ = forces 4 to 5;
⊙ = dead calm.

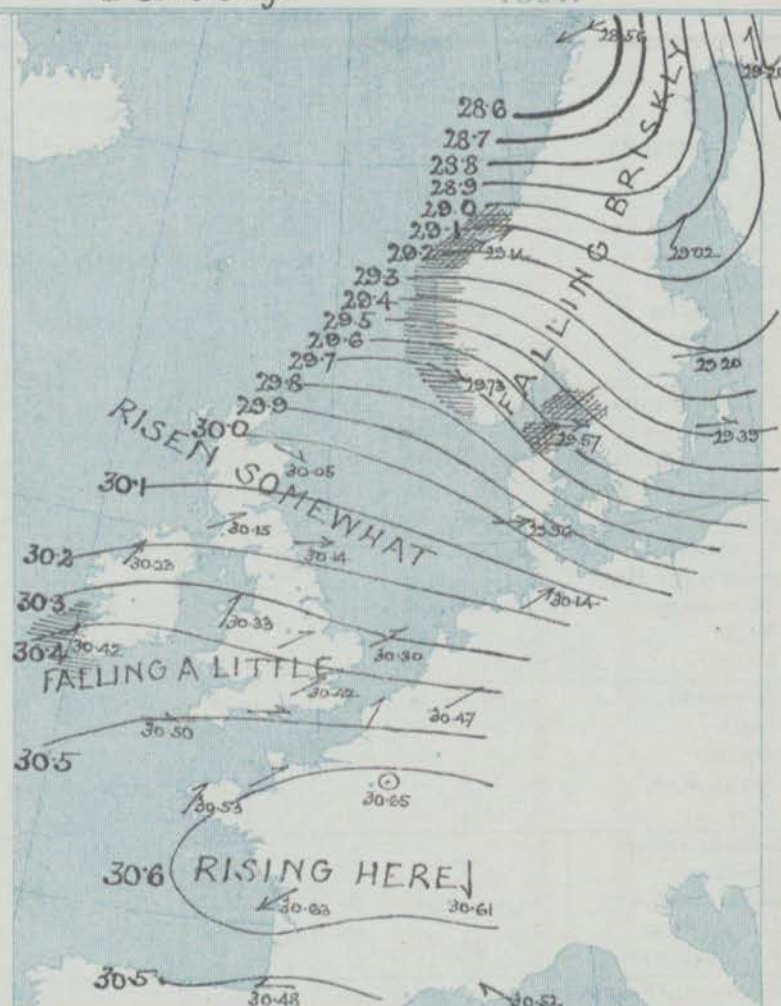
Sea Disturbance—where considerable is shown thus

■ = Rough, ■ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sunderburgh Head.	29.730
Stornoway.	29.729
Wick.	29.736
Nairn.	29.773
Aberdeen.	29.793
Leith.	29.832
Shields.	29.857
York.	29.886
Ardrossan.	29.832
Donaghadee.	29.829
Ballyhead.	29.853
Liverpool.	29.872
Valencia.	29.870
Beck's Point.	29.867
Pembroke.	29.887
Scilly.	29.925
Hurst Castle.	29.938
Dover.	29.948
LONDON.	29.941
Oxford.	29.934
Cambridge.	29.880
Yarmouth.	29.920



REMARKS.

for Monday 4th February.

1884. at 8 a.m.

A large area of high pressure, in which readings exceed 30 bins. lies over France, while the centre of a deep depression, in which readings are below 28 bins. is found near Bodö. The barometer is rising somewhat in the former locality, while it is falling briskly over Scandinavia, but in our Islands no decided change is reported. The wind is W. in nearly all parts of Western Europe; over the United Kingdom it is generally moderate in force, but on the eastern shore of the North Sea it is strong to a gale. The weather is fine in Scotland, France and the south of England, cloudy or overcast elsewhere, with rain at Christiania, Fars and Mullaghmore. In the course of the past 24 hours rain has fallen at most of our W. and N. stations. Lightning was seen at Mullaghmore last night. Temperature has risen several degrees, and readings now range from 50° at Leith, Donaghadee, and Valencia to 42° at Cambridge. In the east of Scotland the maximum reported this morning range between 50° and 52°, but in the S.E. of England they do not exceed 45°. The sea is rough on the Norwegian coast and also at Valencia, moderate or smooth elsewhere.

The barometer is at present rising on our northern coasts, but the distribution of pressure is favourable for the advance of depressions, (subsidiary to the large disturbance near Bodö) towards the north of Scotland.

FORECASTS

for the 24 hours ending at NOON on 5th February 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

W² and SW² winds, increasing in force; fine to unsettled and some rain.

1 { SCOTLAND
EAST

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

2 { ENGLAND
N.E.

W³ winds, fresh or strong; cloudy, some rain.

3 { ENGLAND
EAST

Same as No 5

4 { MIDLAND
COUNTIES

Same as No 5

5 { ENGLAND
SOUTH

SW³ winds, freshening; mild, changeable, some rain.

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

Same as No 2

7 { ENGLAND
N.W.

Same as No 2

8 { ENGLAND
S.W.

W² winds, fresh or strong; cloudy, some showers.

9 { IRELAND
NORTH

SW² and W² winds, increasing in force; dull, some rain.

10 { IRELAND
SOUTH

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

WARNINGS

The S. cone was hoisted last evening in districts 0.16.9 and parts of 2 and 7 but signals have been lowered this morning.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.70	44	43	VWSW	G	C	5	Valencia					
Sumburgh Head								Scilly					
Stornoway								Dover					
Aberdeen								London					
Shields								Yarmouth					*
Ardrossan								Jersey					
Mullaghmore								Rocheport	20.54	46	43	E	8
Holyhead													3

REMARKS.

*Summary of Changes in the Weather
over the
British Islands and their Neighbourhood
from the 27th Jan^r to 2nd Feb^r 1884*

At the commencement of this period the very deep depression which passed across Scotland on the ^{night of the} 26th of January was lying between the Shetlands & the West of Norway, & severe W^{ly} gales were blowing on our N^{ly} coasts. By the morning of the 28th the depression had reached Scandinavia, where it appeared to be dispersing, and the barometric rise had continued briskly in all parts of our Islands, while the gales in the north had subsided.

On the 29th a new but comparatively slight disturbance struck the Scotch coasts in a NE^{ly} direction occasioning a considerable freshening of wind from the SWnd or Wnd and rain in all parts of the Kingdom. This was followed on the 31st by another depression which passed along the west coast of Ireland & by the advance of several shallow disturbances directly across the country so that heavy rain fell in many places.

On the morning of the 1st February a small but deeper depression appeared over the S. of Ireland occasioning fresh or strong gales from the SWnd over the Channel & west of France. In the course of the day the depression moved slowly End, but towards night its motion became more rapid, & on the morning of the 2nd its centre was found off the coast of Sussex. A very brisk increase of pressure now took place in all parts of the Kingdom & strong N^{ly} or NE^{ly} winds or gales set in generally. Later in the day the depression moved away from our neighbourhood, the wind subsided, & the weather improved.

DAILY WEATHER REPORT

for Tues-day 5th February 1884.

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

† YESTERDAY EVENING.													8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.								
			Dirce.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.									
Haparanda																									
Hernösand ...	29.28	35	NNW	9	b	29.56	+ .54	31	29	- 1	SW	2	bc	*	89	16	-								
Stockholm ...	29.67	39	WSW	6	b	29.76	+ .56	33	32	- 6	SW	2	o	*	43	34	-								
Wisby ...	29.64	41	NNW	9	b	29.82	+ .43	38	36	- 2	N	4	b	*	43	34	-								
Bodö																									
Christiansund ...	29.67	40	W	8	c	29.32	+ .18	47	43	+ 7	SW	9	n	7	?	34	0.39								
† Skudesnaes ...	30.02	44	SSE	4	o	29.87	+ .14	45	44	+ 1	WSW	4	n	4	45	43	-								
Oxö (Xtiansund) ...	29.97	42	WSW	4	b	29.85	+ .26	44	43	- 1	WSW	6	f	4	45	41	-								
Skagen (The Skaw)	29.98	40	WSW	4	b	29.88	+ .31	42	42	- 2	W	6	f	5	?	37	-								
Fanö ...	30.19	39	WSW	4	b	30.13	+ .17	42	42	0	WSW	4	m	*	43	37	-								
Cuxhaven ...	? 30.26	42	N	5	o	30.29	+ .15	45	45	+ 2	WSW	4	o	*	?	38	0.04								
† Sumburgh Head																									
† Stornoway ...																									
Wick ...	29.88	45	S	3	o	29.91	- .05	44	42	- 3	WSW	1	c	1	49	37	-								
Nairn ...	? 29.98	50	N	4	b	29.92	- .09	47	46	+ 4	WSW	2	o	2	50	41	0.03								
† Aberdeen ...	30.00	48	S	3	c	30.00	- .05	48	46	+ 3	SW	2	c	1	53	44	-								
Leith ...	30.11	51	WSW	3	c	30.08	- .03	50	49	0	WSW	5	cm	*	52	48	-								
† Shields ...	30.22	51	W	2	om	30.20	+ .06	50	49	+ 1	WSW	2	om	2	51	49	-								
Spurn Head ...	30.31	46	W	3	o	30.27	+ .04	44	44	- 1	SW	3	c	3	46	43	-								
York ...	? 30.31	49	W	1	o	30.26	+ .01	48	45	+ 1	WSW	2	o	*	50	46	-								
Loughborough ...	30.38	47	WSW	3	b	30.34	- .01	45	45	0	WSW	3	og	*	51	45	-								
† Ardrossan ...	30.17	? 47	WSW	2	o	30.13	- .02	46	46	- 1	SW	3	o	3	48	45	-								
† Mullaghmore ...	30.22	50	SW	4	om	30.15	- .08	48	47	0	SW	5	om	4	50	47	0.04								
Donaghadee ...	30.24	50	WSW	3	e	30.21	- .01	47	46	- 3	W	3	bc	1	52	46	-								
Parsonstown ...	30.34	49	WSW	1	o	30.31	- .06	45	44	- 3	W	1	o	*	51	44	0.03								
Barrow-in-Furness	30.28	45	SW	3	o	30.25	- .03	45	44	0	SW	3	c	3	46	44	0.05								
† Holyhead ...	30.34	48	SW	2	m	30.30	- .03	47	46	0	WSW	3	c	3	48	44	0.02								
Liverpool (Bidston)	30.34	48	SW	1	o	30.29	- .05	47	44	0	SW	2	c	2	52	46	-								
Valencia ...	30.39	50	WSW	4	cp	30.32	- .07	48	47	- 2	SW	5	om	5	53	46	0.05								
Roche's Point ..	30.41	49	WSW	4	o	30.35	- .07	47	45	+ 2	WSW	2	o	3	52	43	0.02								
Pembroke ...	30.44	47	WSW	3	bc	30.37	- .05	47	46	- 1	WSW	4	bc	3	48	46	0.04								
† Scilly ...	30.50	49	SW	4	c	30.45	- .05	47	44	- 1	SW	3	bc	3	52	43	-								
Prawle Point ...	30.52	49	WSW	3	o	30.45	- .05	45	43	0	WSW	2	c	2	50	42	0.03								
Hurst Castle ...	30.50	47	W	3	c	30.45	- .03	46	44	+ 5	W	3	c	2	48	44	-								
† Dover ...	30.47	46	WSW	3	c	30.44	- .03	45	44	0	W	2	cg	1	48	44	-								
† London ...	30.44	47	WSW	2	o	30.43	+ .01	44	43	- 1	WSW	3	o	*	51	44	-								
Oxford ...	30.45	47	SW	3	o	30.41	- .02	44	43	0	SW	1	og	*	50	44	-								
Cambridge ...	30.41	47	WSW	1	bc	30.39	+ .01	45	44	+ 3	SW	1	o	*	54	41	-								
† Yarmouth ...	30.37	48	WSW	2	bc	30.36	+ .06	45	44	+ 1	WSW	2	f	3	50	42	-								
The Helder ...																									
Cape Griz Nez ...	30.49	46	SW	4	c	30.48	+ .05	46	45	0	W	5	o	4	48	43	-								
† Jersey ...	30.56	45	W	2	o	30.47	- .08	44	43	- 1	W	2	og	3	47	44	0.01								
Brest ...	30.55	45	W	0	o	30.47	- .06	40	40	- 5	SSE	4	b	3	46	37	-								
Lorient ...	30.57	? 40	E	3	b	30.48	- .17	37	36	0	E	3	b	2	48	36	-								
† Rochefort ...	30.61	41	E	5	b	30.53	- .10	34	32	0	ESE	4	b	2	48	28	-								
Biarritz ...	30.45	48	E	3	b	30.39	- .09	42	39	+ 5	E	5	b	1	54	?	-								
Corunna ...	*	*	*	*	*																				
Brussels ...	*	*	*	*	*	30.49	+ .02	43	42	+ 2	SEW	4	o	*	45	?	-								
Charleville ...	*	*	*	*	*	? 30.51	- .01	38	36	+ 4	NE	1	o	*	39	33	-								
Paris ...	30.52	46	W	3	o	30.59	- .06	40	39	+ 3	WSW	1	m	*	*	*	-								
Lyons ...	30.63	36	N	1	o	30.58	- .03	33	32	- 4	SSW	1	m	*	38	38	-								
Toulon ...	30.62	49	WNW	1	bc	30.58	+ .06	45	42	- 2	W	0	c	1	55	43	-								
HIGH LEVEL STATION: Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																									
Hawes Junction	28.97	43	W	3	*	29.00	+ .01	42	42	0	WSW	3	m	*	44	40	0.18								

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

CHARTS

5th February

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

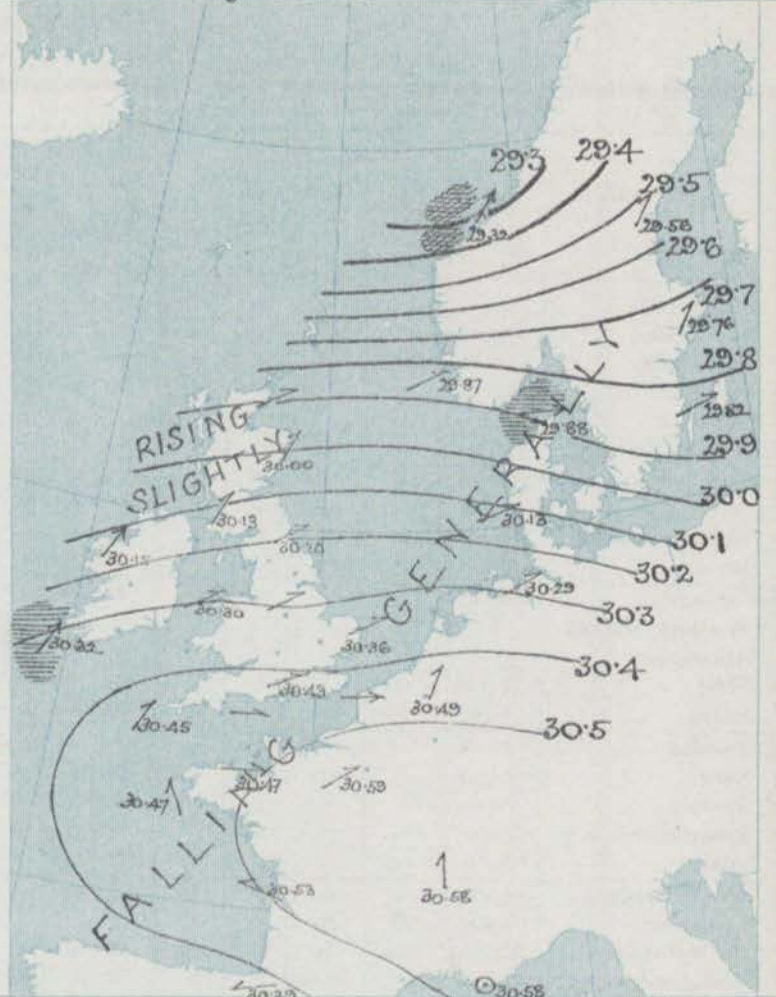
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Samburgh Head.	29.391
Stornoway.	29.729
Wick.	29.756
Nairn.	29.773
Aberdeen.	29.790
Leith.	29.821
Shields.	29.857
York.	29.896
Ardrossan.	29.827
Donaghadee.	29.829
Holyhead.	29.825
Liverpool.	29.882
Valencia.	29.870
Rock's Point.	29.867
Pembroke.	29.887
Scilly.	29.926
Hurst Castle.	29.928
Dover.	29.946
LONDON.	29.941
Oxford.	29.934
Cambridge.	29.890
Yarmouth.	29.920



1884, at 8 a.m.

There is at present no indication of the approach of any serious depression, as that moderate or fresh SW^{ly} winds will probably continue for a time with fair weather in the SE., but cloudy, unsettled weather in the east and north.

For the 24 hours ending at NOON on 6th February 1884.
(Issued at 11 a.m. on the previous day.)

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnaes								Valencia	30.40	51	51	SEW	4	om	4
Sumburgh Head								Scilly	30.51	52	50	SW	4	bc	4
Stornoway								Dover	30.45	47	45	W	3	bc	2
Aberdeen	30.09	48	45	8	1	6	1	London	30.43	51	48	SEW	3	o	#
Shields	30.22	51	49	N	4	C	2	Yarmouth	30.34	49	47	W	5	bc m	3
Ardrossan	30.23	46	46	P	2	0	2	Jersey	30.56	45	45	W	3	0	3
Mullaghmore	30.22	50	50	SW	5	sgm	5	Rochefort	30.62	45	42	CNE	5	6	2
Holyhead	30.35	47	46	SW	3	A	3								

REMARKS.

The barometer is falling a little in the N. of Ireland, but rising elsewhere. Moderate W or SW winds prevail generally, with fair weather in the E. and S., but dull, misty weather in Ireland and rain at Holyhead.

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

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 Wednesday, 6th FEBRUARY 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

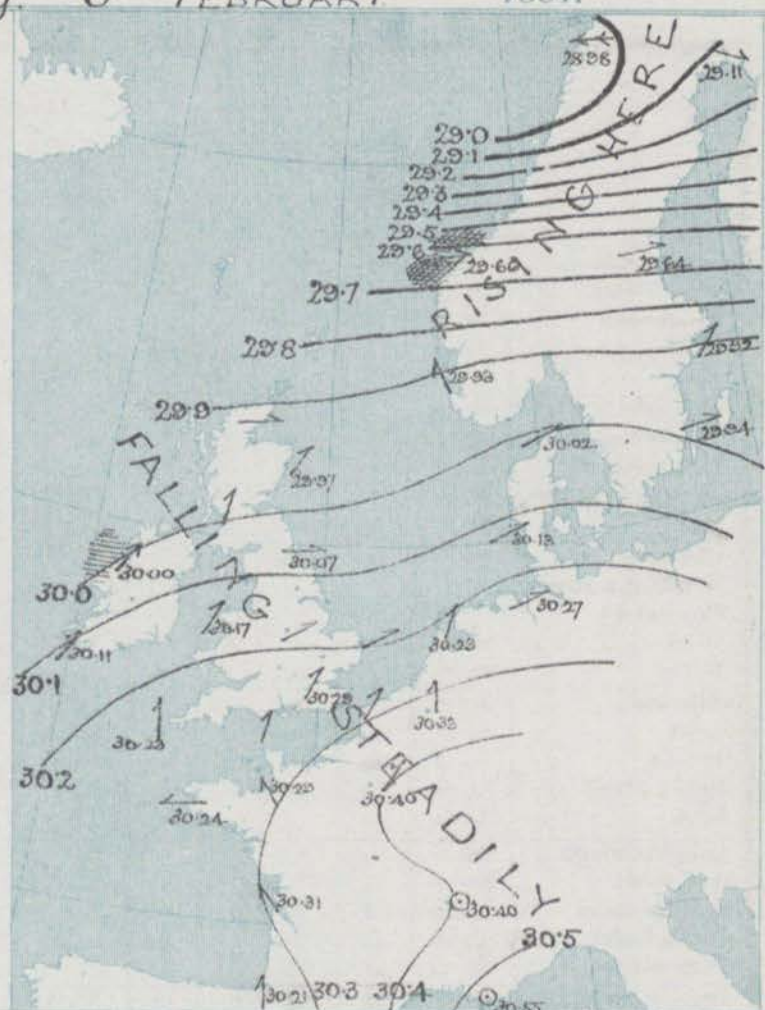
Sea Disturbance—where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.731
Stormoway	29.729
Wick	29.736
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.891
Valencia	29.870
Roches Point	29.867
Pembroke	29.887
Sally	29.925
Harst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.939
Cambridge	29.930
Yarmouth	29.920



REMARKS.

for Wednesday 6th February.

1884. at 8 a.m.

There is no change in the general distribution of pressure. An anticyclone lies over France, and a rather deep depression between Bodø and Christiansund; but as the barometer is falling at our southern and the French stations, while it is rising over Scandinavia gradients are becoming slight. A fresh gale from W. is reported at Christiansund, and a gale from E. at Bodø, but in all other parts of Western Europe the wind is light or moderate in force. In the west of France it is SEth in direction, while over the United Kingdom and the eastern shores of the North Sea it is SWth. The weather is fine in our Islands, but cloudy or overcast elsewhere. Temperature has fallen a little over Great Britain, and readings now range from 48° at Louth and Roche's Point to 40° at Navin. The sea is rather rough at Mullaghmore, moderate or smooth elsewhere.

There is at present no indication of any decided change in the winds and weather over our Islands.

FORECASTS.

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

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

SWth winds, light or moderate;
fair generally.

1 { SCOTLAND
EAST

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

2 { ENGLAND
N.E.

Same as No 5.

3 { ENGLAND
EAST

Same as No 5.

4 { MIDLAND
COUNTIES

Same as No 5.

5 { ENGLAND
SOUTH

SWth winds, light; fair but
cloudy.

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

Same as No 0 and 1

7 { ENGLAND
N.W.

Same as No 0 and 1.

8 { ENGLAND
S.W.

SWth winds, light; fair generally.

9 { IRELAND
NORTH

SWth winds, moderate; dull,
misty, probably some rain.

10 { IRELAND
SOUTH

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

WARNINGS

None Issued.

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.04	45	44	WSE	6	0 f	5	Valencia	30.28	49	49	SW	5	0 g m	5
Sumburgh Head								Scilly	30.40	48	45	SSW	3	c	4
Stornoway								Dover	30.41	47	46	WSE	8	be	2
Aberdeen	30.02	49	47	SSW	1	0	1	London	30.38	49	46	WSE	3	0	•
Shields	30.16	51	48	WSE	3	c	2	Yarmouth	30.33	48	46	WSE	2	m	2
Ardrossan	30.12	46	46	SW	3	0	3	Jersey	30.44	45	43	S	2	0	2
Mullaghmore	30.13	49	48	SW	5	0 g	4	Rochefort	30.49	47	43	SE	4	b	2
Holyhead	30.27	47	47	SW	4	0	3								

REMARKS.

No important change has occurred since the morning. The barometer continues to fall slowly, the wind remains moderate from N. or S.W. and the weather is cloudy in most places. The sea is slight at Holyhead, smooth at Dover.

DAILY WEATHER REPORT

for *Thursday* 7th February 1884.

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).	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).	Force (0 to 12).			Max.	Min.	
Haparanda	29.44	24	W	4	6	6	29.48	+ .37	18	18	- 13	W	4	6	*	6	32	?	-
Hernösand	29.66	24	W	0	6	6	29.68	+ .01	27	26	- 5	W	0	0	*	6	43	19	-
Stockholm	29.86	37	W	2	0	0	29.80	- .12	36	35	+ 3	W	2	0	*	6	43	32	-
Wisby	29.88	40	W	4	0	0	29.86	- .08	39	38	0	W	4	6	*	6	43	37	-
Bodö	29.31	33	W	8	0	0	29.29	+ .31	32	31	0	W	4	6	*	6	37	30	-
Christiansund	29.69	37	SW	4	1	1	29.32	- .34	35	34	- 1	SSW	3	4	6	6	39	30	0.95
Skudesnaes	29.90	43	SE	4	0	0	29.69	- .24	43	42	+ 2	W	4	1	4	4	43	41	-
Oxö (Xidansund)	29.94	38	W	4	1	1	29.77	- .19	42	41	+ 1	SW	6	1	4	4	43	37	-
Skagen (The Skaw)	29.96	40	W	5	0	0	29.83	- .17	42	41	0	W	5	0	4	4	43	39	0.12
Fanö	30.09	41	W	4	0	0	30.04	- .09	41	40	0	W	4	0	*	6	43	37	-
Cuxhaven	30.18	41	W	2	0	0	30.18	- .09	41	41	- 2	W	2	0	*	6	43	38	-
† Sumburgh Head																			
† Stornoway																			
Wick	29.80	37	W	0	1	1	29.92	+ .01	38	32	- 8	W	4	0	2	2	43	31	-
Nairn	29.79	39	W	0	1	1	29.98	+ .04	34	33	- 6	W	0	0	1	1	40	34	0.09
† Aberdeen	29.85	46	SSW	4	0	0	29.97	- .00	36	34	- 6	W	2	6	1	1	47	35	-
Leith	29.92	47	W	2	0	0	30.00	- .00	40	39	- 8	W	1	cm	*	6	49	39	0.01
† Shields	30.02	46	W	2	0	0	30.00	- .07	43	42	- 3	W	1	cm	2	2	51	42	0.03
Spurn Head	30.11	43	SSW	3	0	0	30.08	- .08	39	38	- 4	SSW	3	0	2	2	45	36	-
York	30.10	44	SSW	1	6	6	30.08	- .08	38	37	- 6	S	1	m	*	6	49	37	-
Loughborough	30.12	44	W	1	0	0	30.11	- .11	37	37	- 6	SSW	1	ogm	*	6	47	36	-
† Ardrossan	29.92	45	SSW	5	0	0	30.05	+ .03	39	39	- 6	W	2	6	1	1	45	38	0.04
† Mullaghmore	29.88	48	W	5	0	0	30.10	+ .10	39	37	- 8	W	1	6	4	4	48	35	0.11
Donaghadee	29.98	44	W	3	6	6	30.08	- .00	40	39	- 4	W	3	0	1	1	47	40	0.01
Parsonstown	30.00	45	W	2	6	6	30.11	- .02	40	39	- 5	W	1	og	*	6	49	39	0.06
Barrow-in-Furness	30.07	44	W	3	0	0	30.03	- .11	43	42	- 1	W	3	0	3	3	46	42	0.03
† Holyhead	30.07	46	SSW	3	0	0	30.07	- .10	46	45	- 0	W	2	1	1	1	47	42	0.17
Liverpool (Bidston)	30.10	45	W	2	0	0	30.07	- .10	43	41	- 1	SSW	3	1	2	2	48	42	0.02
Valencia	30.01	39	W	4	cm	cm	30.10	- .01	43	42	- 4	W	3	0	4	4	50	42	0.29
Roche's Point	30.07	47	SSW	4	0	0	30.06	- .10	44	43	- 4	W	4	1	4	4	50	43	0.20
Pembroke	30.13	45	S	3	0	0	30.07	- .15	43	43	- 3	SE	2	0	2	2	47	43	0.01
† Scilly	30.12	45	E	2	0	0	30.05	- .13	46	45	+ 2	E	2	0	3	3	48	42	-
Prawle Point	30.18	43	SE	2	6	6	30.06	- .23	45	45	+ 2	E	2	0	2	2	47	41	-
Hurst Castle	30.22	44	S	2	6	6	30.11	- .19	43	42	0	ENE	2	0	2	2	47	39	-
† Dover	30.22	43	W	3	0	0	30.17	- .13	37	36	- 6	W	2	6	1	1	45	36	0.04
† London	30.24	43	W	1	0	0	30.15	- .14	36	35	- 6	W	0	1	*	6	47	34	-
Oxford	30.25	44	W	2	0	0	30.14	- .13	38	37	- 5	W	1	0	*	6	46	36	-
Cambridge	30.20	39	W	1	0	0	30.16	- .10	36	36	- 6	SSW	1	0	*	6	46	33	-
Yarmouth	30.19	44	W	1	cm	cm	30.16	- .09	38	38	- 5	SSW	2	mv	3	3	45	36	-
The Helder																			
Cape Griz Nez	30.26	40	S	1	6	6	30.21	- .09	32	30	- 8	W	0	0	0	0	45	30	-
† Jersey	30.18	42	SE	2	6	6	30.08	- .21	41	40	+ 1	SSW	3	ogm	3	3	44	38	-
Brest	30.11	46	S	3	6	6	30.02	- .22	44	43	+ 8	E	3	0	3	3	50	32	-
Lorient	30.17	39	SE	5	m	m	30.02	- .22	50	49	+ 13	W	4	0	2	2	?	34	-
† Rochefort	30.25	48	SE	5	0	0	30.22	- .09	43	41	+ 3	W	5	6	2	2	54	37	-
Biarritz	30.12	52	SE	4	6	6	30.12	- .09	30	42	+ 7	E	3	6	1	1	61	?	-
Corunna																			
Brussels							30.22	- .11	29	29	- 9	S	3	0	*	6	44	29	-
Charleville	30.28	38	E	1	0	0	30.23	- .11	29	28	- 5	E	1	0	*	6	?	27	-
Paris	30.32	35	W	3	0	0	30.23	- .17	32	32	0	W	0	mv	*	6	*	*	-
Lyons	30.26	47	S	4	6	6	30.29	- .11	36	35	+ 5	S	1	6	*	6	55	?	-
Toulon	30.49	46	W	1	0	0	30.40	- .15	44	41	+ 2	E	4	0	2	2	55	41	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.96	39	W	2	6	6	27.79	- .19	39	39	- 1	W	3	1	*	6	41	38	0.05

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.

Fredk. Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on *Thursday, 7th February, 1884.*

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

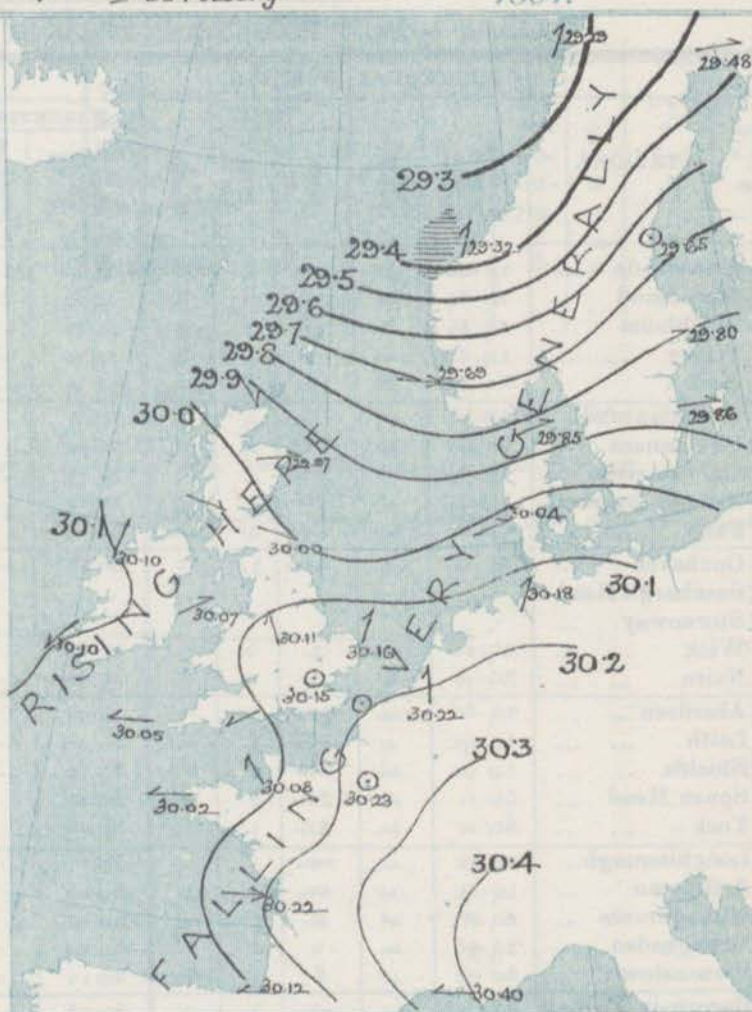
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.73
Sornoway	29.72
Wick	29.75
Nairn	29.77
Aberdeen	29.79
Leith	29.82
Shields	29.87
York	29.88
Ardrossan	29.82
Donaghadee	29.82
Holyhead	29.85
Liverpool	29.87
Valencia	29.87
Roches Point	29.87
Pembroke	29.87
Scilly	29.92
Burgh Castle	29.93
Dover	29.94
LONDON	29.94
Oxford	29.94
Cambridge	29.94
Yarmouth	29.92



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.

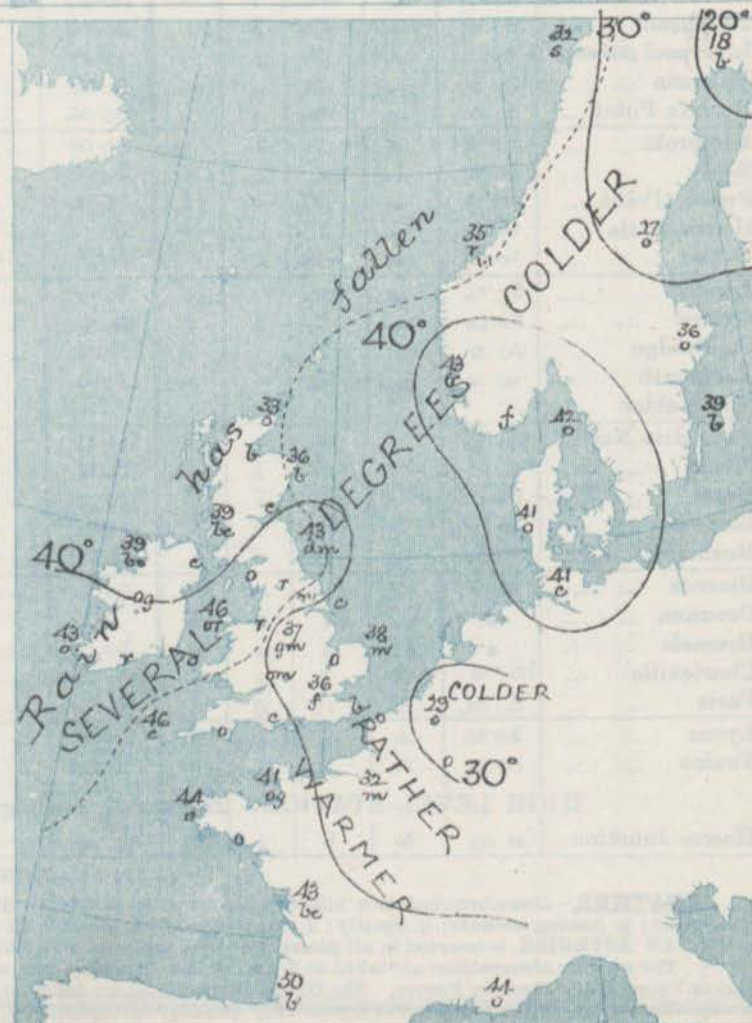
Weather — is shown by letters of the Beaufort Scale.

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 February

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	38.4	37.6	3.26
Sornoway	39.0	37.7	3.91
Wick	38.3	36.8	2.05
Nairn	37.2	35.4	1.42
Aberdeen	37.5	35.9	2.32
Leith	38.9	37.6	1.59
Shields	38.8	37.5	1.71
York	37.7	36.7	1.75
Ardrossan	39.9	38.1	3.33
Donaghadee	40.6	39.6	2.40
Holyhead	42.0	40.5	2.60
Liverpool	39.6	38.0	1.81
Valencia	45.2	43.4	4.60
Roches Point	43.6	42.1	1.26
Pembroke	42.8	41.5	2.84
Scilly	46.7	45.1	1.75
Burgh Castle	40.9	40.1	2.58
Dover	39.7	38.5	2.07
LONDON	39.3	38.2	1.81
Oxford	38.7	37.6	1.92
Cambridge	37.9	36.6	1.63
Yarmouth	38.5	37.9	2.09

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



for Thursday 7th February 1884, at 8 a.m.

The depression which is forming at the mouth of the Channel, will probably move eastwards and occasion rain in most parts of England.

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

Fredk Danperfeld, Luth. Teyden, (131)

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.94	43	42	SSW	4	0	Valencia	30.07	49	48	SSW	5	h m g
Sumburgh Head							Scilly	30.17	48	45	SSW	3	c
Stornoway							Dover	30.25	44	42	WSW	2	bap
Aberdeen	29.92	46	45	SSW	1	0	London	30.24	47	41	SW	2	o
Shields	30.03	50	44	WSW	4	cm	Yarmouth	30.20	45	42	WSW	2	am
Ardrossan	29.97	45	45	SSW	4	0	Jersey	30.20	43	40	SSW	2	be
Mullaghmore	29.92	48	45	SW	5	bm	Rochefort	30.27	53	49	SE	4	be
Holyhead	30.12	47	44	SW	3	0							

REMARKS.

The barometer continues to fall slowly in all places, but there is no important change in the wind or weather. The sea is slight at Holyhead, smooth at Dover.

DAILY WEATHER REPORT

for *Fri day 8th February 1884.*

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

† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.				
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Weather.	Max.	Min.	Amount of Rainfall.	
Haparanda	29.15	25	E	4	C	29.41	- 07	28	22	+ 5	N	4	C	*	25	14	0.20	
Hernösand ...	29.38	33	WN	6	G	29.69	+ 04	28	26	+ 1	SW	2	C	*	37	18	0.04	
Stockholm ...	29.60	37	N	6	C	29.94	+ 14	29	26	- 7	WN	2	C	*	41	?	-	
Wisby ...	29.73	40	WN	8	bc	29.95	+ 09	36	33	- 3	WN	6	C	*	43	?	-	
Bodö ...	29.13	35	SW	2	S	29.49	+ 20	32	20	0	WN	4	C	5	?	27	-	
Christiansund ...	29.63	35	N	8	C	29.67	+ 35	39	35	+ 4	SW	5	C	6	39	30	0.24	
† Skudesnaes ...	29.99	39	WN	6	C	29.98	+ 29	40	36	- 3	SSW	4	C	4	43	39	-	
Oxö (Klansund) ...	29.97	39	W	4	G	30.05	+ 28	31	?	- 11	W	0	C	3	43	28	0.04	
Skagen (The Skaw)	29.96	38	WN	6	G	30.05	+ 20	36	35	- 6	WN	3	C	3	43	36	-	
Fanö ...	30.13	37	WN	2	G	30.10	+ 06	36	35	- 5	E	4	C	*	43	34	-	
Cuxhaven ...	30.18	47	WN	2	C	30.13	- 05	40	39	- 1	SE	3	C	*	50	?	-	
† Sumburgh Head																		
† Stornoway ...																		
Wick ...	30.00	35	N	2	bc	29.74	- 18	35	33	+ 2	W	1	C	1	39	32	-	
Nairn ...	30.03	35	W	0	C	29.78	- 20	34	32	0	N	1	C	1	40	32	-	
† Aberdeen ...	30.07	35	WN	1	C	29.85	- 12	36	34	0	SW	4	C	1	42	27	-	
Leith ...	30.10	40	WN	1	C	29.86	- 14	36	35	- 7	SSE	1	C	*	47	28	-	
† Shields ...	30.10	42	W	0	m	29.90	- 10	41	40	- 2	SW	2	C	2	44	39	-	
Spurn Head ...	30.08	41	WN	1	N	29.95	- 13	38	38	- 1	SSE	3	C	2	43	37	0.07	
York ...	30.10	42	S	1	d	29.95	- 13	39	39	+ 1	S	1	C	*	43	37	0.10	
Loughborough ...	30.08	41	W	0	O	29.97	- 14	35	35	- 2	S	1	C	*	45	35	-	
† Ardrossan ...	30.11	40	SW	1	C	29.83	- 22	36	36	- 3	NE	1	C	1	45	32	-	
† Mullaghmore ...	30.09	38	SW	1	C	29.73	- 37	42	41	+ 3	S	4	C	3	49	36	-	
Donaghadee ...	30.11	41	NE	3	bc	29.84	- 24	42	41	+ 2	SSW	2	C	0	45	29	-	
Parsonstown ...	30.10	42	W	0	C	29.79	- 32	43	42	+ 3	S	1	C	*	44	39	-	
Barrow-in-Furness	30.08	42	N	1	C	29.90	- 13	40	39	- 3	SE	4	C	3	46	40	-	
† Holyhead ...	30.07	42	ENE	3	N	29.89	- 18	43	41	- 3	SSW	1	C	1	46	40	0.08	
Liverpool (Bidston)	30.08	42	WN	1	O	29.90	- 17	39	38	- 4	SE	3	C	2	43	38	0.16	
† Valencia ...	30.06	44	ESE	3	om	29.75	- 35	48	47	+ 5	SSE	5	C	5	49	42	0.36	
Roche's Point ..	30.07	46	E	4	N	29.82	- 24	47	45	+ 3	S	4	C	4	49	42	0.12	
Pembroke ...	30.05	44	N	1	O	29.89	- 18	45	44	+ 2	ENE	2	C	1	45	42	-	
† Scilly ...	30.02	47	NE	3	C	29.89	- 16	49	47	+ 3	SSE	3	C	3	49	44	-	
Prawle Point ...	30.04	45	ENE	1	O	29.94	- 12	45	43	0	S	1	C	1	49	43	-	
Hurst Castle ...	30.06	45	E	2	m	29.96	- 15	42	41	- 1	ENE	1	C	2	47	40	-	
† Dover ...	30.06	42	W	0	bc	29.97	- 20	42	41	+ 5	WN	1	C	0	45	36	-	
† London ...	30.08	42	SE	2	C	29.99	- 16	39	38	+ 3	W	0	C	*	45	35	-	
Oxford ...	30.08	37	W	0	C	29.98	- 16	37	36	- 1	SSW	1	C	*	41	35	-	
Cambridge ...	30.10	38	WN	1	O	29.99	- 17	37	37	+ 1	SSE	1	C	*	41	31	-	
† Yarmouth ...	30.09	40	NE	1	cm	29.97	- 19	40	40	+ 2	W	0	C	2	40	37	-	
The Helder ...	30.12	39	SSE	1	C	30.00		39	38		ESE	1	C	1	41	37	-	
Cape Griz Nez ...	30.07	42	NE	1	bc	29.97	- 24	45	45	+ 13	SW	3	C	1	48	32	-	
† Jersey ...	30.05	45	W	2	O	29.97	- 11	45	45	+ 4	SE	1	C	1	46	41	-	
Brest ...	30.02	46	W	0	C	29.95	- 07	46	45	+ 2	ESE	3	C	3	48	39	-	
Lorient ...																		
† Rochefort ...	30.15	51	ENE	1	O	30.04	- 18	47	46	+ 4	SSE	5	C	2	57	36	-	
Biarritz ...	30.02	53	E	3	C	29.97	- 15	55	49	+ 5	S	3	C	2	57	46	-	
Corunna ...	*	*	*	*	*													
Brussels ...	*	*	*	*	*	20.03	- 19	40	39	+ 11	S	3	C	*	47	37	-	
Charleville ...	?	85	SE	1	O	30.07	- 16	33	32	+ 4	SE	1	C	*	?	?	-	
Paris ...	30.15	42	WN	1	bc	30.08	- 15	36	35	+ 4	W	0	C	*	*	*	-	
Lyons ...	30.15	50	S	4	C	30.12	- 17	42	40	+ 6	S	1	C	*	57	36	-	
Toulon ...	30.35	48	E	4	O	30.29	- 11	45	47	+ 1	E	5	C	3	54	41	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.64	35	W	0	C	28.65	- 14	27	27	- 2	W	0	C	*	41	34	0.03	

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. 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, 8th February, 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

○ = dead calm.

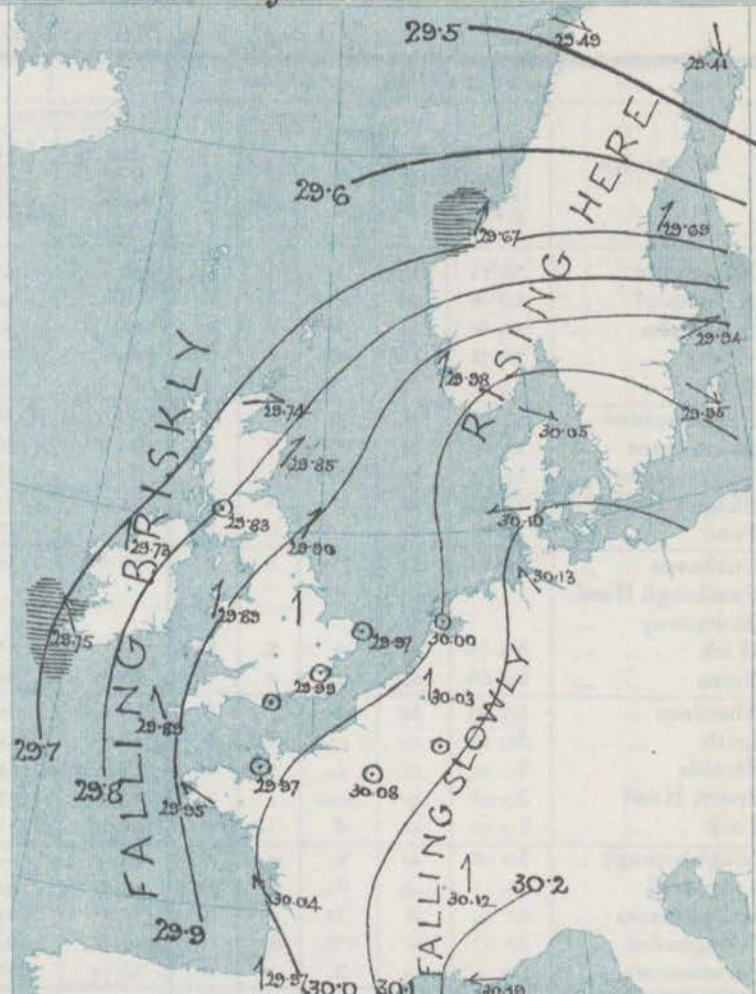
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.130
Stornoway	29.720
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.856
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.926
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



REMARKS.

for Friday 8th February.

1884. at 8 a.m.

In the course of the past twenty-four hours a complete change has taken place in the distribution of pressure. The area of highest reading is now found over North Germany and the east of France, while the barometer is falling briskly at all our more western stations, ^{so that} gradients for S^w winds are becoming general. Calms or variable airs prevail over the south-east of England, but elsewhere the wind is light or moderate from the S^w. The weather is fine in Scandinavia and Scotland, cloudy or overcast elsewhere, with rain at Valencia, and fog at many of the English stations. During yesterday rain has fallen in the west. Temperature has risen in the west and south, and readings now range from 49° at Scilly to 35° at Loughborough and 34° at Kairn. The sea is rather rough at Valencia, slight or smooth elsewhere.

With the present distribution of pressure barometrical disturbances are likely to move in a northerly direction along our western and southern coasts, and gradients for S^w winds will probably increase.

FORECASTS

for the 24 hours ending at NOON on 9th February 1884.

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND NORTH
S^w and S^z winds, increasing in force; cloudy, some rain.

1 { SCOTLAND EAST
S^z winds, freshening; fair generally.

2 { ENGLAND N.E.
S^w and S^z winds, freshening; cloudy, some rain.

3 { ENGLAND EAST
Same as No 5.

4 { MIDLAND COUNTIES
Same as No 5.

5 { ENGLAND SOUTH
SE^z and S^z winds, light or moderate; foggy to fair.

6 { SCOTLAND WEST
Same as No 0

7 { ENGLAND N.W.
SE^z and S^z winds, freshening; cloudy, probably some rain.

8 { ENGLAND S.W.
.....D°.....D°.....D°.....

9 { IRELAND NORTH
S^z winds, increasing in force; dull, some mist and rain.

10 { IRELAND SOUTH
.....D°.....D°.....D°.....

WARNINGS

None Issued.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.87	40	87	N	4	C	4	Valencia	30.09	45	43	NNE	2	C	2
Sumburgh Head								Scilly	30.04	49	49	ESE	2	C	3
Stornoway								Dover	30.10	42	40	SSW	1	C	0
Aberdeen	30.06	41	36	WNW	2	C	1	London	30.09	44	41	SE	1	om	*
Shields	30.08	44	41	NNW	2	O	2	Yarmouth	30.10	40	39	Z	O	m	2
Ardrossan	30.10	43	39	23	O	C	0	Jersey	30.04	45	45	SSW	3	O	3
Mullaghmore	30.13	45	40	E	1	CV	3	Rochefort	30.21	54	51	SSE	5	C	2
Holyhead	30.09	43	42	ESE	3	A	3								

REMARKS.

The barometer is rising at all our more N^o stations, but falling in the S. and E. The winds are very little changed. The weather is fine in the N. and N. and also at Dover, but cloudy elsewhere, with rain at Holyhead. The sea is slight at Holyhead, smooth at Dover.

DAILY WEATHER REPORT

for *Saturday 9th February 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).				Max.	Min.	
Haparanda	29.64	21	S	4	0		29.56	+ 1.5	23	23	0	SW	2	c	*		28	10	-
Hernösand ...	29.64	28	E	2	6		29.75	+ .06	27	24	- 1	SW	2	c	*		29	25	-
Stockholm ...	30.02	28	2	0	6		29.99	+ .05	28	28	- 1	SSW	2	c	*		29	27	-
Wisby ...	29.98	32	SW	4	6		29.97	+ .02	30	29	- 6	S	2	c	*		37	30	-
Bodö ...	29.32	39	SW	8	7		29.24	- .25	41	37	+ 9	SW	8	0	*		?	27	0.12
Christiansund ...	29.57	39	SSE	2	6c		29.38	- .29	42	36	+ 3	SE	4	c	5		43	34	-
† Skudesnaes ...	29.79	40	SSE	8	7		29.57	- .41	41	39	+ 1	SSE	9	0	7		41	39	-
Oxö (Xilansund) ...	29.89	38	SSE	4	7		29.73	- .32	38	38	+ 7	SE	4	f	3		41	?	0.04
Skagen (The Skaw)	29.97	38	SW	4	0		29.80	- .25	39	37	+ 3	SSE	4	0	2		39	34	0.04
Fanö ...	29.88	38	SE	4	C		29.76	- .34	40	40	+ 4	SSE	4	f	*		?	34	-
Cuxhaven ...	29.83	42	S	2	m		29.87	- .26	43	42	+ 3	S	2	m	*		50	?	-
† Sumburgh Head																			
† Stornoway ...																			
Wick ...	29.52	42	S	5	0		28.95	- .79	44	42	+ 9	S	8	0	6		44	34	0.03
Nairn ...	29.47	43	SW	3	0		28.94	- .84	47	45	+ 13	SW	2	0	2		47	33	-
† Aberdeen ...	29.60	41	SSW	4	0		29.13	- .72	44	43	+ 8	S	8	0	5		44	34	0.03
Leith ...	29.61	43	SW	4	6		29.10	- .76	49	46	+ 13	SW	5	1	*		50	35	0.02
† Shields ...	29.69	39	SSW	4	m		29.29	- .61	46	44	+ 5	SSW	6	0	2		46	37	0.03
Spurn Head ...	29.78	37	S	4	0		29.47	- .48	43	43	+ 5	S	5	0	2		43	35	-
York ...	29.77	40	S	1	m		29.40	- .55	45	44	+ 6	S	3	0	*		45	37	-
Loughborough...	29.80	42	S	1	0		29.47	- .50	47	45	+ 12	SSE	6	0	5		47	32	-
† Ardrossan ...	29.86	44	S	4	0		29.01	- .82	47	47	+ 11	SSW	7	0	5		47	35	0.14
† Mullaghmore ...	29.39	43	SSE	6	0		28.83	- .90	47	45	+ 5	SSW	7	0	6		50	42	0.04
Donaghadee ...	29.55	45	SW	5	0		29.01	- .83	48	48	+ 6	SSW	7	0	5		48	41	0.08
Parsonstown ...	29.47	49	S	1	n		28.98	- .81	47	45	+ 4	S	2	0	5		50	42	0.13
Barrow-in-Furness	29.69	42	SSE	2	0		29.22	- .68	46	44	+ 6	SE	6	0	5		46	34	0.03
Holyhead ...	29.66	44	S	3	f		29.16	- .73	47	47	+ 4	S	5	1	5		49	40	0.38
Liverpool (Bidston)	29.70	43	SE	2	6		29.27	- .63	47	45	+ 8	SSE	4	0	3		48	38	-
Valencia ...	29.40	51	SSE	7	1		28.95	- .80	51	50	+ 3	SSW	7	0	6		52	48	0.47
Roche's Point ...	29.52	49	SSE	6	1		29.06	- .76	49	49	+ 2	SW	8	1	5		50	45	0.55
Pembroke ...	29.67	47	S	4	0		29.23	- .66	49	49	+ 4	S	6	1	5		49	45	0.08
† Scilly ...	29.69	50	S	5	c		29.35	- .54	50	50	+ 1	SSW	7	1	5		52	47	0.04
Prawle Point ...	29.80	47	SSE	1	1		29.50	- .44	48	48	+ 3	S	6	1	5		49	44	0.01
Hurst Castle ...	29.82	47	SSW	2	1		29.59	- .37	48	47	+ 6	SSW	6	1	4		48	41	0.06
† Dover ...	29.86	46	2	0	omp		29.70	- .27	46	45	+ 4	SW	3	6	2		47	41	0.12
† London ...	29.82	45	S	1	0		29.62	- .37	47	46	+ 8	S	3	0	5		48	39	0.02
Oxford ...	29.79	44	SSE	1	0		29.54	- .44	47	46	+ 10	SSW	5	0	5		48	37	-
Cambridge ...	29.84	41	SSW	1	0		29.58	- .41	45	44	+ 8	S	1	0	*		46	34	-
† Yarmouth ...	29.86	40	2	0	m		29.63	- .34	45	45	+ 5	S	3	6	3		45	38	-
The Helder ...																			
Cape Griz Nez...	29.87	46	S	1	1		29.73	- .24	46	46	+ 1	S	5	6	4		46	43	-
† Jersey ...	29.82	46	SSE	1	f		29.67	- .30	48	47	+ 3	S	4	6	4		48	44	0.12
Brest ...																			
Lorient ...	29.85	46	NNW	1	f		29.73	-	51	46	-	SW	7	c	4		52	41	0.20
† Rochefort ...	29.99	52	SSW	5	c		29.99	- .05	49	49	+ 2	SSW	4	c	2		55	41	-
Biarritz ...	29.93	59	S	3	0		29.95	- .02	52	49	- 3	2	0	6	1		63	46	0.04
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*		29.79	- .24	45	44	+ 5	S	4	0	*		50	?	0.04
Charleville ...	29.96	40	SE	1	c		29.85	- .22	44	40	+ 11	SE	1	0	*		?	32	0.08
Paris ...	30.02	46	N	4	0		29.90	- .18	48	46	+ 12	SSW	1	m	*		*	*	-
Lyons ...	30.04	50	SW	3	c		30.02	- .10	45	42	+ 3	SW	1	6	*		54	?	-
Toulon ...	30.22	49	E	5	0		30.18	- .11	47	46	+ 2	A	5	0	3		54	45	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.47	37	S	1	6c		28.06	- .59	44	43	+ 7	SSW	3	1	*		44	36	0.02

EXPLANATION OF COLUMNS.

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

WEATHER CHARTS

for 8 a.m. on Saturday, 9th February, 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.

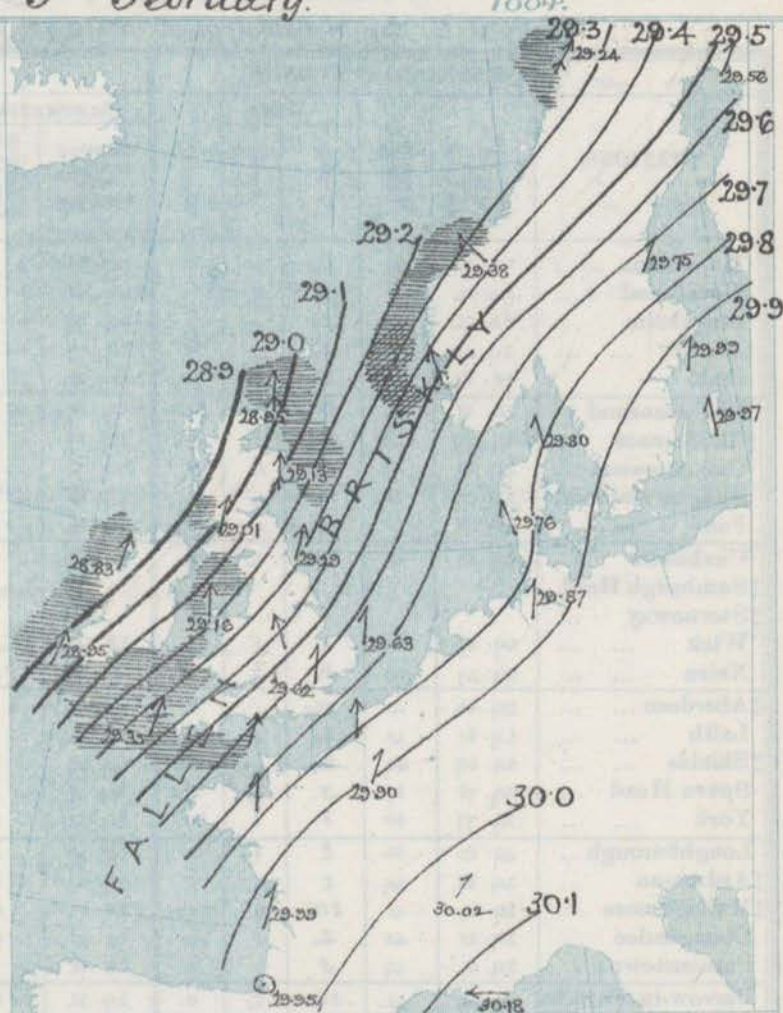
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = high.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.73
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.789
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.828
Holyhead	29.855
Liverpool	29.892
Valencia	29.870
Reche's Point	29.887
Pembroke	29.887
Silly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.939
Cambridge	29.930
Yarmouth	29.920



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 February.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	38.4	37.6	3.38
Stornoway	39.0	37.7	3.91
Wick	38.3	36.8	2.05
Nairn	37.2	35.4	7.42
Aberdeen	37.5	35.9	2.32
Leith	38.3	37.6	1.58
Shields	38.8	37.6	1.71
York	37.7	36.7	1.75
Ardrossan	39.9	38.1	3.33
Donaghadee	40.6	39.6	2.40
Holyhead	42.0	40.3	2.80
Liverpool	39.6	38.0	1.81
Valencia	45.2	43.4	4.60
Reche's Point	43.6	42.1	5.26
Pembroke	42.8	41.5	2.89
Silly	46.7	45.1	2.76
Hurst Castle	40.9	40.1	2.56
Dover	39.7	38.5	2.07
LONDON	39.3	38.2	1.81
Oxford	38.7	37.6	1.92
Cambridge	37.9	36.8	1.53
Yarmouth	36.6	37.2	2.09

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 9th February

1884, at 8 a.m.

In the course of the past twenty-four hours the barometer has continued to fall generally, and as the change has again been greatest in the west and north, gradients over our islands for S^W winds have become steep. Areas of relatively high pressure are found over the Baltic and south-east of France, while some large depressions are passing in a northerly direction along our extreme western coasts. S^W winds prevail generally; at our south-eastern and most of the Continental stations they are at present moderate in strength, but in the west and north of our islands they blow with the force of a moderate or fresh gale. The weather is fine in Sweden, but cloudy or overcast elsewhere with rain in many parts of the Kingdom. Temperature has risen several degrees, and is again very high for the time of year; readings over our Islands range from 51° at Valencia to 43° at Spurn Head. The sea is rough on all but the east and south-east coasts.

Depressions will probably continue to pass along the west coasts of Ireland and Scotland, so that strong S^W winds, and mild, changeable weather are likely in all parts of the Kingdom.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S ^W to S ^W strong winds and gales; unsettled and rainy to fair.	6 { SCOTLAND WEST	Same as No 0
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	Same as No 0.
2 { ENGLAND N.E.	-----D-----D-----D-----	8 { ENGLAND S.W.	S ^W and S ^W gales, moderating later; unsettled and rainy to fair.
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 strong winds or gales; unsettled, rain at times.	WARNINGS	
		The south cone was hoisted yesterday in districts 0 to 2, part of 5 and 6 to 10. The warnings have been extended the morning to district 3, and the remainder of 5.	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.91	41	57	SSE	8	C	5	Valencia	29.57	51	50	S	6	og	6
Sumburgh Head								Scilly	29.79	52	51	S	5	e	3
Stornoway								Dover	29.91	46	45	2	0	omp	0
Aberdeen	29.71	39	38	SSW	2	om	1	London	29.90	46	44	2	0	of	*
Shields	29.77	42	40	SSW	4	om	2	Yarmouth	29.91	40	39	W	2	f	2
Ardrossan	29.68	44	44	SSW	4	0	3	Jersey	29.88	46	46	NNE	1	f	1
Mullaghmore	29.56	47	45	SSW	5	0	4	Rochefort	30.00	52	50	SSE	5	0	2
Holyhead	29.75	44	44	SSW	2	f	2								

REMARKS.

The barometer continues to fall generally - most in the N. and N.- and the S^W winds on our extreme N^W and N^N^W coast are gradually increasing in force. The weather is cloudy or overcast at all stations excepting Wick, and fog prevails in many parts of England. The sea is smooth, both at Holyhead and Dover.

DAILY WEATHER REPORT

for *Sunday* 10th February 1884.

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.					
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).		Weather.	Max.	Min.	Amount of Rainfall.		
Haparanda	29.97	25	SW	2	b	29.56	.00	32	31	+ 9	SW	2	0	*	?	18	—		
Hernösand ...	29.30	33	S	6	c	29.58	-.17	34	33	+ 8	S	6	0	*	36	21	—		
Stockholm ...	29.34	34	S	4	o	29.73	-.26	35	35	+ 7	S	2	f	*	37	25	—		
Wisby ...	29.89	36	S	4	c	29.84	-.13	35	35	+ 5	S	6	0	*	37	28	—		
Bodö ...	29.32	39	S	2	c	29.72	-.12	36	32	- 5	ENE	6	b	3	41	30	—		
Christiansund ...	29.77	46	SE	5	o	28.88	-.50	45	41	+ 6	E	4	b	4	45	39	—		
† Skudesnaes ...	29.28	42	SE	9	o	29.17	-.40	44	42	+ 3	SSE	8	o	7	?	41	0.39		
Oxö (Ålansund) ...	29.30	42	SSE	6	f	29.22	-.41	42	42	+ 4	S	6	f	6	?	?	0.39		
Skagen (The Skaw)	29.65	40	S	6	r	29.47	-.33	41	41	+ 2	SSW	6	r	5	41	37	0.08		
Fanö ...	29.60	43	SSE	6	c	29.51	-.25	44	44	+ 4	S	4	r	*	45	39	0.12		
Cuxhaven ...	29.70	44	SSE	3	c	29.69	-.18	45	45	+ 5	S	5	r	*	?	39	0.10		
† Sumburgh Head																			
† Stornoway ...																			
Wick ...	28.68	45	S	6	b	28.68		40	38		S	8	b	6	46	38	0.07		
Nairn ...	28.64	45	SW	3	c	28.65	-.29	39	37	- 8	WSW	6	r	4	33	35	0.14		
† Aberdeen ...	28.56	46	S	8	c	28.53	-.30	41	38	- 3	SSW	5	b	6	47	38	0.19		
Leith ...	28.82	49	SW	5	b	28.89	-.21	42	39	- 7	SW	5	o	*	54	40	0.15		
† Shields ...	29.03	38	S	5	o	29.08	-.21	40	38	- 6	SW	7	b	2	30	40	0.02		
Spurn Head ...	29.18	48	S	6	c	29.20	-.17	41	39	- 2	S	6	b	4	49	35	0.04		
York ...	29.13	51	S	3	o	29.23	-.17	41	37	- 4	SW	5	b	*	51	39	0.07		
Loughborough...	29.22	51	S	5	c	29.37	-.10	37	36	- 10	WSW	6	h	*	51	37	0.09		
† Ardrossan ...	28.80	45	SSW	5	o	28.89	-.12	41	41	- 6	SSW	8	o	6	48	40	0.21		
† Mullaghmore ...	28.74	39	SW	6	b	28.85	+ .02	36	35	- 11	SW	6	o	7	52	34	0.22		
Donaghadee ...	28.76	40	SW	6	r	28.95	+ .06	37	37	- 11	W	7	c	5	50	36	0.04		
Parsonstown ...	28.94	39	SSW	4	r	29.07	+ .09	34	33	- 13	S	2	s	*	53	33	0.47		
Barrow-in-Furness	28.97	47	S	8	o	29.09	-.13	40	38	- 6	S	9	o	7	45	38	0.40		
† Holyhead ...	28.99	46	SSW	3	b	29.12	-.03	42	38	- 5	WSW	5	b	6	44	36	0.30		
Liverpool (Bidston)	29.06	50	SSW	4	c	29.17	-.10	37	36	- 10	SW	6	o	4	50	36	0.21		
† Valencia ...	28.94	40	SW	8	o	29.11	+ .16	37	34	- 14	WSW	7	o	7	52	34	0.19		
Roche's Point ..	29.03	42	WSW	6	r	29.21	+ .15	37	36	- 12	WSW	8	r	6	52	36	0.08		
Penbrooke ...	29.12	49	SSW	7	c	29.25	+ .02	40	39	- 7	SW	8	b	7	50	36	0.32		
† Scilly ...	29.29	49	WSW	8	c	29.45	+ .10	44	41	- 6	WSW	8	c	7	54	40	0.24		
Prawle Point ...	29.35	50	SW	7	o	29.49	-.01	44	42	- 4	SW	7	c	6	51	41	0.10		
Hurst Castle ...	29.39	50	SSW	8	r	29.52	-.07	46	44	- 2	SW	7	b	6	50	44	0.12		
† Dover ...	29.51	49	SW	5	b	29.58	-.12	47	45	+ 1	WSW	5	b	4	49	46	0.08		
† London ...	29.40	51	SSW	7	o	29.52	-.10	43	40	- 4	SSW	2	b	*	57	42	0.03		
Oxford ...	29.20	51	S	5	b	29.46	-.08	41	38	- 6	SSW	5	b	*	50	41	0.09		
Cambridge ...	29.34	50	S	4	r	29.47	-.11	40	38	- 5	SSW	3	b	*	52	39	0.02		
† Yarmouth ...	29.42	47	S	6	o	29.48	-.15	42	40	- 2	SSW	4	b	3	48	41	0.04		
The Helder ...	29.56	47	S	5	r	29.54		45	44		SW	5	b	3	48	41	0.12		
Cape Griz Nez...	29.51	50	S	8	r	29.61	-.12	47	47	+ 1	SW	8	c	6	50	?	0.12		
† Jersey ...	29.50	50	SSW	7	o	29.63	-.04	46	44	- 2	SW	7	c	5	50	44	0.24		
Brest ...	29.46	52	WSW	7	r	29.58		47	43		WSW	7	b	5	52	45	0.20		
Lorient ...	29.62	52	SW	7	r	29.78	.00	49	45	- 2	WSW	7	c	5	54	45	0.16		
† Rochefort ...	29.48	51	SW	7	r	29.95	-.04	50	48	+ 1	SW	5	r	2	55	41	0.24		
Biarritz ...	29.93	53	S	2	c	29.91	-.04	55	52	+ 6	S	6	o	2	64	49	—		
Corunna ...	*	*	*	*	*	?	?	51	49	- 5	SW	5	c	7	61	45	0.24		
Brussels ...	*	*	*	*	*	29.68	-.11	50	47	+ 5	SW	3	o	*	56	42	0.12		
Charleville ...	29.80	50	SE	4	o	29.77	-.08	48	46	+ 4	SE	3	o	*	59	44	0.26		
Paris ...	29.85	52	SSW	1	m	29.82	-.08	52	50	+ 3	SSE	4	m	*	*	*	0.08		
Lyons ...	30.00	47	S	1	b	30.02	.00	44	43	- 1	S	4	c	*	57	42	0.12		
Toulon ...	30.15	48	E	5	m	30.20	+ .02	47	45	- 2	E	3	o	2	54	45	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.32	46	SW	2	b	29.58	-.18	34	33	- 10	SW	3	s	*	47	33	0.83		

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 10th February 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

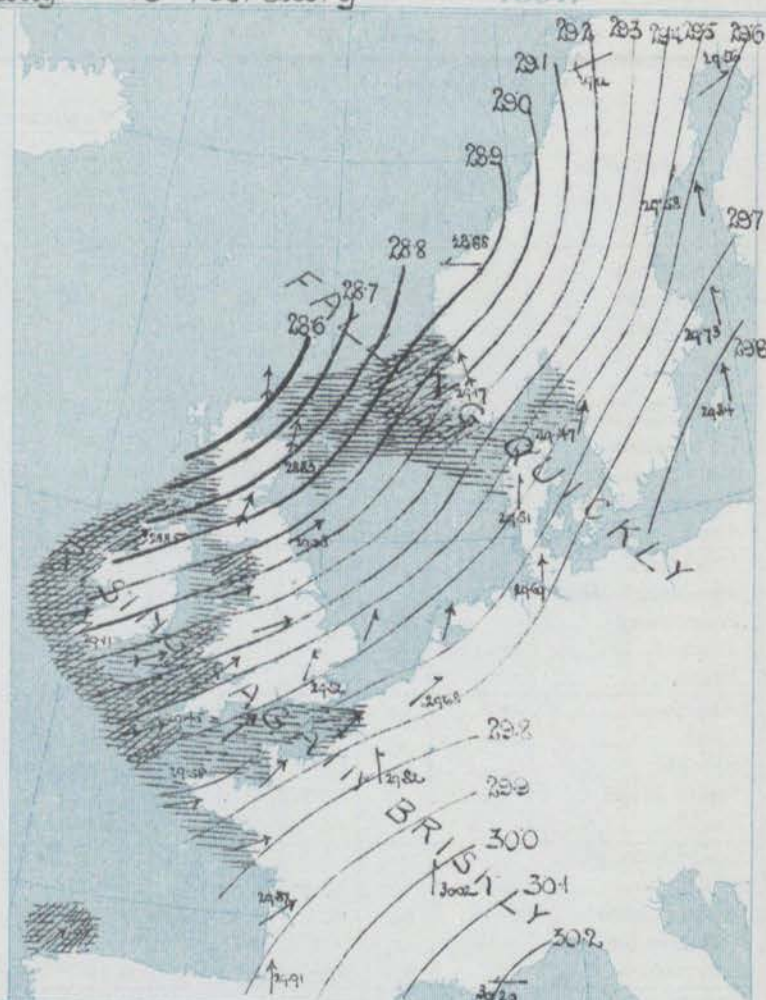
Barometer—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—
 *— force above 10; — force 6 to 10;
 — force 5 to 7; — force 1 to 4;
 ○— dead calm.

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

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.731
Stornoway.	29.729
Wick.	29.756
Nairn.	29.773
Aberdeen.	29.780
Leith.	29.821
Shields.	29.857
York.	29.886
Ardrossan.	29.827
Donaghadee.	29.828
Ballyhead.	29.855
Liverpool.	29.882
Valencia.	29.870
Roches Point.	29.867
Pembroke.	29.887
Scilly.	29.925
Hurst Castle.	29.938
Dover.	29.946
LONDON.	29.941
Oxford.	29.934
Cambridge.	29.930
Yarmouth.	29.920



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

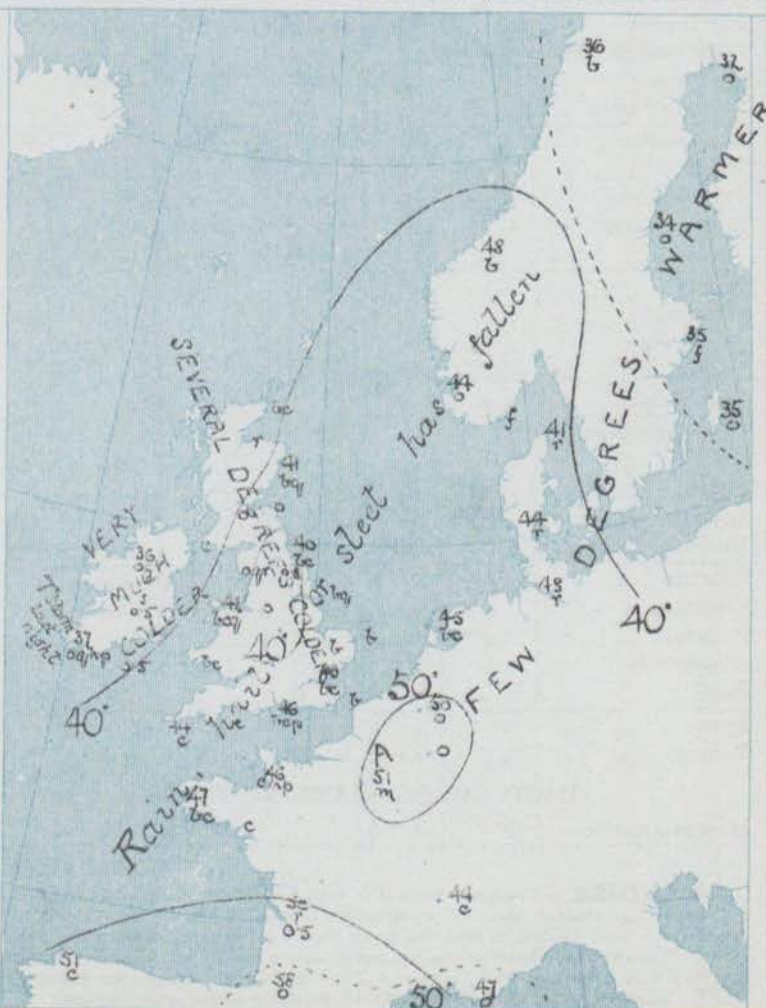
Temperature—Isotherms are drawn for each 10° Changes since previous morning are stated in words.
Weather is shown by Letters of the Beaufort Scale.
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of February

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	38.9	37.0	8.26
Stornoway.	39.0	37.7	8.91
Wick.	38.5	36.8	2.05
Nairn.	37.2	36.4	1.42
Aberdeen.	37.5	35.9	2.32
Leith.	38.9	37.6	1.59
Shields.	38.8	37.5	1.71
York.	37.7	36.7	1.75
Ardrossan.	39.9	38.1	3.33
Donaghadee.	40.6	39.6	2.40
Ballyhead.	42.0	40.5	2.60
Liverpool.	39.6	38.0	1.87
Valencia.	45.2	43.4	4.80
Roches Point.	43.6	42.1	4.16
Pembroke.	42.6	41.5	2.09
Scilly.	46.7	45.1	2.75
Hurst Castle.	40.9	40.1	2.58
Dover.	39.2	38.5	2.07
LONDON.	39.8	38.2	1.81
Oxford.	38.2	37.6	1.92
Cambridge.	37.9	36.8	1.53
Yarmouth.	38.6	37.9	2.08

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 10th February. 1884. at 8 a.m.

The large depressions which were passing along our western coasts yesterday, ~~are~~ are now found off the north-west of Scotland, and a rise in the barometer has taken place over the greater part of our Islands and France. On the eastern shores of the North Sea, however, the mercury continues to fall. The wind is strong to a gale on nearly all coasts; over the United Kingdom and France it has veered to the S.W.nd, but in Scandinavia and Denmark it remains S.th. The weather is at present fine at many of our eastern and southern stations, but cloudy and unsettled elsewhere, with showers of sleet or hail in Ireland, and of cold rain in many other localities. In the course of the past twenty-four hours rain has fallen generally. A thunderstorm occurred at Valencia yesterday, and lightning was seen at Spurn Head and Scilly. Temperature has fallen several degrees and now ranges from 47° at Dover to 34° at Larnestown. The sea is rough or high on almost all parts of our coasts.

FORECASTS

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

WARNINGS

The south cone was hoisted on all our coasts on Friday afternoon or Saturday morning.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	29.48	48	44	SE	7	r	Valencia	28.42	46	44	SW	8	am	7
Sumburgh Head							Scilly	29.27	34	80	SW	8	c	6
Stornoway							Dover	29.50	49	47	SW	5	g	14
Aberdeen	28.42	45	44	S	9	r	London	29.48	51	44	SSW	6	o g	4
Shields	29.10	50	48	SSW	7	c	Yarmouth	29.51	48	47	S	5	cg	5
Ardrossan	28.84	47	47	SSE	5	c	Jersey	29.55	49	49	SSW	5	o	3
Mullaghmore	28.41	46	44	WSW	7	cap	Rochefort	29.48	53	82	SSW	7	o	3
Holyhead	29.03	49	45	SSW	5	r								

REMARKS.

The depression in the west appears to be passing away NNE^{ward}, but has extended over the whole of the United Kingdom. SW^{ly} to S^{ly} gales are blowing in the H. and N. and even in London the force of a moderate gale is reached in the squalls. Sea is rough at Holyhead moderate at Dover.

DAILY WEATHER REPORT

for Monday 11th February 1884.

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

Issued by the Meteorological Office, No. 1, Victoria Street, London, W.																		
† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.	
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sec. (0 to 9).	SHADE TEMP.				
			Dirce.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).		Max.	Min.	Amount of Rainfall.		
Haparanda	29.55	33	SW	6	A	29.48	- 08	33	33	+ 1	SW	6	0	*	34	21	0.08	
Hernösand ...	29.48	35	S	6	B	29.51	- 07	35	34	+ 1	S	4	0	*	37	30	-	
Stockholm ...	29.67	37	SW	4	A	29.68	- 05	38	37	+ 3	SSW	2	0	*	39	34	0.04	
Wisby ...	29.77	40	S	6	A	29.78	- 06	41	41	+ 6	SSW	4	0	*	41	34	0.08	
Bodö ...	29.13	37	E	2	A	29.02	- 10	39	35	+ 3	SE	2	6c	4	39	32	0.08	
Christiansund ...	28.95	44	SE	3	C	28.88	- 07	44	36	- 4	S	4	6	*	?	37	-	
† Skudesnaes ...	29.15	43	S	8	O	29.31	+ 14	42	39	- 2	SSW	8	0	7	45	?	0.12	
Oxö (Xilansund) ...	29.38	41	S	6	m	29.49	+ 17	40	37	- 2	SSW	7	6c	5	43	37	0.04	
Skagen (The Skaw)	29.53	40	SW	5	C	29.60	+ 13	38	36	- 3	SW	6	6	5	43	37	0.04	
Fanö ...	29.58	42	S	4	C	29.73	+ 22	40	39	- 4	SW	4	6	*	45	39	-	
Cuxhaven ...	29.61	45	S	2	C	29.84	+ 15	40	40	- 8	SSW	3	6	*	48	37	0.04	
† Sumburgh Head																		
† Stornoway ...																		
Wick ...																		
Nairn ...	28.60	37	SW	6	O	29.04	+ 39	35	34	- 4	SW	4	SP	3	42	34	0.32	
† Aberdeen ...	28.82	38	SSW	9	O	29.18	+ 35	36	30	- 5	SSW	6	6	4	42	35	-	
Leith ...	28.94	38	SW	7	C	29.22	+ 33	38	34	- 4	SW	5	6m	*	43	34	-	
† Shields ...	29.16	38	SW	7	C	29.38	+ 30	36	35	- 4	SW	5	6m	2	43	35	0.02	
Spurn Head ...	29.39	39	WSW	6	6c	29.34	+ 24	37	36	- 4	SSW	6	6	4	46	36	0.01	
York ...	29.32	38	SW	5	C	29.49	+ 26	35	34	- 6	S	2	6	*	46	34	0.02	
Loughborough...	29.45	37	SW	5	C	29.66	+ 19	36	35	- 1	SSW	5	6qv	*	45	35	0.01	
† Ardrossan ...	28.97	41	SSW	10	O	29.22	+ 33	39	39	- 2	SSW	7	oh	7	41	37	0.01	
† Mullaghmore ...	29.01	39	WSW	8	ogyp	29.15	+ 30	35	34	- 1	SSW	6	SP	6	41	32	0.14	
Donaghadee ...	29.11	37	SSW	7	C	29.27	+ 32	35	34	- 2	W	5	6c	3	40	30	0.01	
Parsonstown ...	29.25	34	SSW	2	S	29.33	+ 26	38	32	- 1	SW	1	6c	*	36	31	0.31	
Barrow-in-Furness	29.23	40	S	7	6c	29.35	+ 26	40	38	0	S	6	og	8	43	38	0.05	
† Holyhead ...	29.26	40	WSW	5	6c	29.37	+ 24	41	38	- 1	WSW	4	6c	5	42	36	0.02	
Liverpool (Bidston)	29.32	37	SW	5	C	29.43	+ 26	37	36	0	S	3	0	4	41	35	0.09	
† Valencia ...	29.32	38	WSW	7	om	29.40	+ 29	43	39	+ 6	WSW	6	6qv	6	44	34	0.34	
Roche's Point ..	29.39	38	W	6	6c	29.42	+ 21	39	37	+ 2	W	4	6c	4	43	34	0.40	
Pembroke ...	29.43	37	WSW	7	C	29.47	+ 22	43	42	+ 1	SSW	6	og	6	44	36	0.26	
† Scilly ...	29.58	45	WSW	8	C	29.63	+ 18	45	44	+ 1	WSW	7	h	7	45	38	0.28	
Prawle Point ...	29.63	43	W	7	C	29.68	+ 19	45	42	+ 1	SW	7	C	6	47	35	0.15	
Hurst Castle ...	29.64	44	WSW	7	C	29.72	+ 20	43	41	- 3	WSW	7	h	6	48	38	0.21	
† Dover ...	29.64	45	WSW	5	6m	29.82	+ 24	42	41	- 5	WSW	6	6h	4	48	39	0.27	
† London ...	29.59	44	SW	3	C	29.74	+ 22	39	38	- 4	S	4	6c	*	52	38	0.05	
Oxford ...	29.60	37	SW	4	6c	29.67	+ 21	38	36	- 3	S	3	6	*	48	36	0.02	
Cambridge ...	29.55	38	SW	4	C	29.64	+ 17	36	35	- 4	S	2	6	*	50	33	0.01	
† Yarmouth ...	29.53	41	SW	4	6qv	29.70	+ 22	38	37	- 4	SSW	3	6	3	48	36	0.01	
The Helder ...																		
Cape Griz Nez...	29.66	45	WSW	7	C	29.85	+ 24	43	43	- 4	WSW	8	6c	6	48	41	0.12	
† Jersey ...																		
Brest ...	29.73	44	W	7	C	29.80	+ 22	49	42	0	W	7	6c	5	52	41	0.12	
Lorient ...																		
† Rochefort ...	30.01	50	W	5	O	30.10	+ 23	48	44	- 2	SW	5	0	5	55	41	0.28	
Biarritz ...	30.01	52	W	1	A	30.08	+ 17	48	46	- 10	W	3	h	7	59	46	0.43	
Corunna ...	*	*	*	*	*													
Brussels ...	*	*	*	*	*	29.93	+ 25	41	38	- 9	SSW	4	C	*	53	39	0.04	
Charleville ...	29.84	45	SE	1	O	29.81	+ 04	41	39	- 7	SW	1	0	4	55	40	0.35	
Paris ...	29.88	46	S	1	O	30.04	+ 22	43	42	- 8	S	3	0	*	*	*	-	
Lyons ...	29.98	51	SSW	5	O	30.08	+ 01	47	45	+ 3	W	1	0	*	58	?	-	
Toulon ...	30.20	50	E	3	O	30.23	+ 03	49	46	+ 2	E	3	0	2	55	45	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.98	33	SW	3	6c	28.16	+ 28	33	32	- 1	SW	2	S	*	35	30	0.18	

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

11th February

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

○ = dead calm.

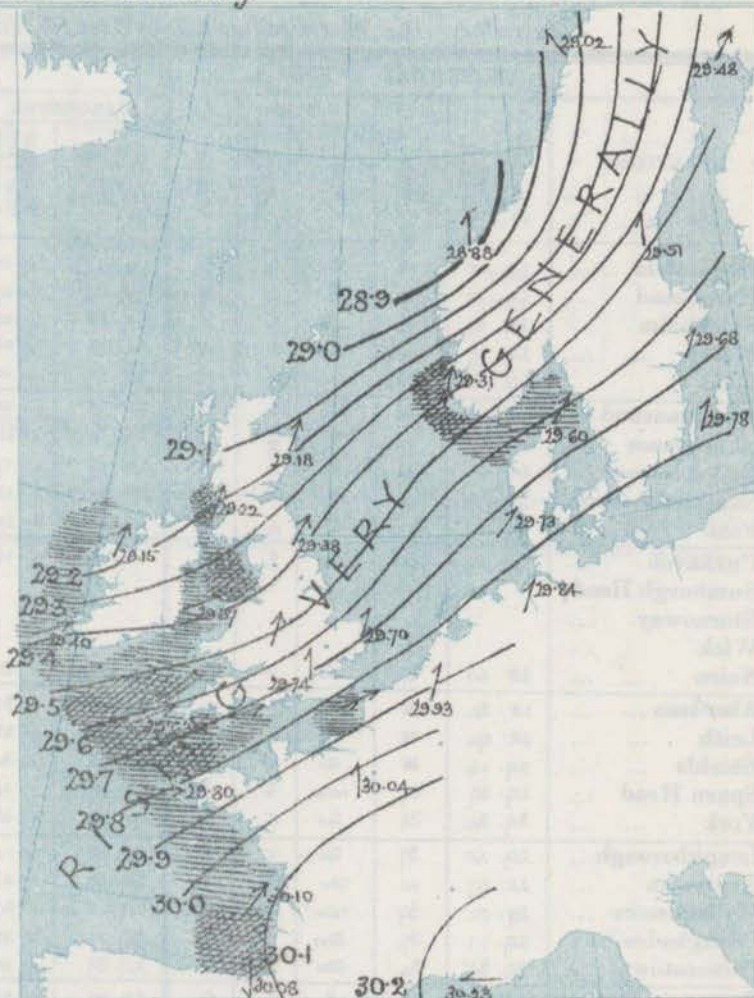
Sea Disturbance—where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Sally	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



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 February.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	38.4	37.6	3.26
Stornoway	39.0	37.7	3.91
Wick	38.3	36.8	2.05
Nairn	37.2	35.9	1.42
Aberdeen	37.5	35.9	2.32
Leith	38.9	37.6	1.59
Shields	38.8	37.5	1.71
York	37.7	36.7	1.75
Ardrossan	38.9	38.1	3.33
Donaghadee	40.6	39.6	2.40
Holyhead	42.0	40.5	2.60
Liverpool	39.6	38.0	1.81
Valencia	45.2	43.4	4.60
Roche's Point	43.6	42.1	1.76
Pembroke	42.8	41.5	2.69
Sally	46.7	45.1	2.78
Hurst Castle	40.9	40.1	2.68
Dover	39.7	38.5	2.07
LONDON	39.4	38.2	1.81
Oxford	38.7	37.8	1.92
Cambridge	37.9	36.8	1.53
Yarmouth	38.5	37.9	2.09

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



REMARKS.

for Monday 11th February

1884, at 8 a.m.

The large depression whose centre lay off the north-west of Scotland yesterday has moved away in a NE^W direction, and the barometer is now rising in all parts of Western Europe. The highest pressures still lie over the south-east of France, and gradients over our Islands remain rather steep. Fresh or strong winds from the SW^W prevail on all coasts, and in the Channel there is a moderate gale. The weather is fair in most places, but showers are reported locally, and rain is falling at Scilly and Minsterlark. In the course of the past twenty four hours showers of rain hail or sleet have fallen generally. In some parts of London a thunderstorm, accompanied by heavy hail occurred at 11.30 am. Temperature has fallen in the east and north; readings now range from 45° at Scilly and Tralee Point to 33° at Parsonstown. The sea is high or rough on all parts of our western and southern coasts.

In the south-west of our Islands the barometrical rise appears to have slackened considerably since last evening, and there is consequently some probability of the advance of a small shallow depression over the southern part of England.

FORECASTS

for the 24 hours ending at NOON on 12th February. 1884.

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

DISTRICTS.		FORECASTS.	
0	SCOTLAND NORTH	SW ^{ly} winds, fresh or strong; changeable, showery.	
1	SCOTLAND EAST	SW ^{ly} winds, fresh; fair generally but probably some showers.	
2	ENGLAND N.E.	-----D°-----D°-----D°-----	
3	ENGLAND EAST	-----D°-----D°-----D°-----	
4	MIDLAND COUNTIES	Same as No 5.	
5	ENGLAND SOUTH	SW ^{ly} winds, strong; changeable, some showers.	
6	SCOTLAND WEST	SW ^{ly} winds, fresh or strong; changeable, showery.	
7	ENGLAND N.W.	-----D°-----D°-----D°-----	
8	ENGLAND S.W.	Same as No 5	
9	IRELAND NORTH	Same as No 6	
10	IRELAND SOUTH	Same as No 6	
WARNINGS		None issued	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	29.9	43	41	SSW	2	1/2	Valencia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						*
Shields							Yarmouth						
Ardrossan							Jersey	29.92	51	50	SW	7	3
Mullaghmore							Rochefort						
Holyhead													

REMARKS.

*Summary of Changes in the Weather
over the*

*British Islands and their Neighbourhood
from the 3rd to the 9th Feb^r 1884*

The weather during this week, though still mild, was much less stormy than that of the week immediately preceding it. At first the general type was westerly, and the winds experienced, though light over England & Ireland, were fresh in Scotland, strong in the west of Norway & the weather was showery. Gradually, however, the conditions changed, the barometer falling over the western & south-western parts of the Kingdom, but rising in the north, ^{while a high pressure area,} which had hitherto been lying off our SW coasts, moved E^{ward} to France. The morning of the 5th thus found us with SW^{ly} breezes, of no great strength prevailing all over the Kingdom & the North Sea, the weather being mild generally, & rather showery in the west. A somewhat unusual complication now ensued, the report of the 7th showing that a very small & shallow depression had been formed near Ushant, while in the west the barometer rose, & the E^{ly} portion of a secondary anticyclone appeared over Ireland. For a time the wind became E^{ly} in the Channel & N^{ly} on our W^{est} coast; temperature fell, and after a few cold showers the weather cleared. On the 8th, however, pressure had again given way generally, most in the N^{orth}; SW^{ly} winds had become prevalent; temperature had risen, & a very extensive & deep depression began to approach our NW^{est} coast from the Atlantic. The week closed with SSW^{ly} gales & rain on nearly all our coasts, & with pressure ranging from 30.2 in. over the S^{outh} of France to 28.8 in. at Mullaghmore, and the barometer still falling.

DAILY WEATHER REPORT

for *Tuesday 18th February 1884.*

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

STATIONS.	† YESTERDAY EVENING.					8 A.M. TODAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.				
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Weather.	Max.	Min.	Amount of Rainfall.	
Haparanda	29.46	33	SW	3	0	29.63	+1.5	26	25	-1	WSW	2	6	*	34	?	-	
Hernösand ...	29.54	35	SSW	4	6	29.71	+2.0	33	32	-2	W	0	0	*	41	32	-	
Stockholm ...	29.85	36	WSW	2	6	29.93	+2.5	34	?	-4	SSW	2	6	*	41	?	-	
Wisby ...	29.88	37	SW	4	bc	29.95	+1.7	37	36	-4	SW	6	f	*	43	36	0.12	
Bodö ...	29.17	37	NNE	2	h	29.44	+1.12	38	34	-1	E	2	6	*	39	32	0.24	
Christiansund ...	29.26	42	WSW	3	C	29.49	+1.61	38	36	-6	WSW	4	0	5	45	36	-	
† Skudesnaes ...	29.45	37	SSW	9	0	29.73	+1.12	42	40	0	SSW	8	0	6	43	37	0.08	
Oxö (Xiansund) ...	29.57	38	S	7	0	29.84	+1.35	40	?	0	SSW	1	m	4	?	36	0.12	
Skagen (The Skaw)	29.73	40	SW	5	0	29.88	+1.28	37	36	-1	WSW	4	6	3	41	36	0.08	
Faßö ...	29.78	41	S	6	C	29.99	+2.6	40	39	0	SW	4	6	*	43	39	0.08	
Cuxhaven ...	29.77	42	S	2	6	30.08	+2.4	41	41	+1	SW	3	6c	*	45	37	-	
† Sumburgh Head																		
† Stornoway ...																		
Wick ...	29.22	37	SSW	4	bc	29.26	+2.4	37	35	+1	S	5	0.0	3	39	34	-	
Nairn ...	29.26	48	SW	2	bc	29.20	+1.6	44	41	+9	SW	4	6c	1	44	33	-	
Aberdeen ...	29.82	37	SSW	4	6	29.38	+2.0	43	41	+7	S	8	1.9	6	43	33	0.02	
Leith ...	29.39	39	W	1	6	29.37	+1.5	49	45	+11	SW	6	6.0	*	50	36	-	
† Shields ...	29.47	38	SW	2	m	29.57	+1.9	44	42	+8	SSW	6	0	2	44	35	0.06	
Spurn Head ...	29.57	41	SSW	6	6	29.77	+2.3	43	42	+6	S	6	0	3	45	36	-	
York ...	29.55	37	SSW	3	hsp	29.72	+2.3	43	42	+8	S	3	0	*	44	35	0.11	
Loughborough...	29.64	40	WSW	4	6	29.78	+2.2	47	44	+11	SSW	4	0.9	*	47	36	0.04	
† Ardrossan ...	29.38	41	SW	2	C	29.32	+1.0	47	47	+8	S	9	0	7	47	38	0.13	
† Mullaghmore ...	29.41	40	SSW	5	bc	29.09	-0.06	50	48	+15	SSW	7	0.9	6	50	34	0.17	
Donaghadee ...	29.47	39	SSW	2	6	29.33	-0.06	47	46	+12	SW	7	0	5	47	33	0.08	
Parsonstown ...	29.53	38	S	1	bc	29.24	-0.9	49	49	+16	S	6	0.9	*	50	33	0.35	
Barrow-in-Furness	29.50	42	W	4	6c	29.55	+2.0	47	44	+7	SSW	7	0	7	47	39	-	
† Holyhead ...	29.50	44	W	3	bc	29.50	+1.3	47	46	+6	SSW	6	1.9	6	49	37	0.05	
Liverpool (Bidston)	29.58	41	WSW	4	6	29.63	+2.0	47	46	+12	SSW	5	0	8	49	34	0.14	
† Valencia ...	29.47	47	S	6	om	29.16	-2.4	50	43	+7	S	8	0.9	7	53	42	0.18	
Roche's Point ..	29.55	47	SW	4	C	29.31	-1.1	48	48	+9	SSW	8	1	6	49	39	0.36	
Pembroke ...	29.66	46	WSW	5	C	29.61	+1.4	49	46	+6	S	7	0	7	49	36	0.12	
† Scilly ...	29.73	48	SW	5	C	29.62	-0.1	51	48	+6	S	8	0	6	51	43	0.02	
Prawle Point ...	29.87	43	W	4	C	29.85	+1.7	47	45	+2	S	7	6	6	49	39	0.26	
Hurst Castle ...	29.51	44	WSW	4	bc	29.93	+2.1	46	44	+3	SSW	6	C	6	50	40	0.45	
† Dover ...	29.86	41	WSW	4	ch	30.02	+2.0	46	45	+4	SW	4	6	3	47	42	0.22	
London ...	29.79	41	SW	3	6	29.96	+2.2	44	42	+5	S	2	6c	*	46	38	0.13	
Oxford ...	29.80	39	SW	3	6	29.89	+2.2	46	44	+8	SSW	4	0.9	*	47	38	0.01	
Cambridge ...	29.74	38	S	1	6	29.91	+2.7	44	43	+8	S	1	6c	*	50	34	0.11	
† Yarmouth ...	29.70	40	SW	4	bc	29.94	+2.4	44	43	+6	SSW	4	6	4	46	35	0.05	
The Helder ...																		
Cape Griz Nez...	29.87	46	WSW	9	h	30.05	+2.0	43	42	0	SSW	5	6	h	50	41	0.32	
† Jersey ...																		
Brest ...	29.27	50	WSW	5	6	29.87	+0.7	50	46	+3	SW	8	0	7	52	39	0.08	
Lorient ...	29.99	50	W	7	bc	29.99	-	48	45	-	S	8	C	6	52	43	-	
† Rochefort ...	30.18	49	WSW	4	6	30.18	+0.08	58	58	-10	SSW	5	m	2	54	44	-	
Biarritz ...	30.15	46	E	3	0	30.04	-0.4	46	41	-2	E	3	C	6	55	41	0.32	
Corunna ...	*	*	*	*	*													
Brussels ...	*	*	*	*	*	30.15	+2.2	42	41	+1	SSW	3	6	*	48	?	-	
Charleville ...	30.03	44	SW	1	0	30.21	+4.0	39	37	-2	S	4	0	*	46	38	-	
Paris ...	30.08	48	S	3	0	30.25	+2.1	39	38	-4	SE	1	0	*	*	*	-	
Lyons ...	30.15	43	N	1	h	30.26	+2.3	39	39	-2	NNE	1	m	*	51	38	0.55	
Toulon ...	30.24	50	E	3	m	30.35	+1.2	50	48	+1	E	3	f	2	57	46	0.12	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																		
Hawes Junction	28.25	35	SW	3	0	28.30	+2.3	41	40	+2	SSW	3	0	*	41	32	0.15	

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).

Printed by Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Tuesday 12th February.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

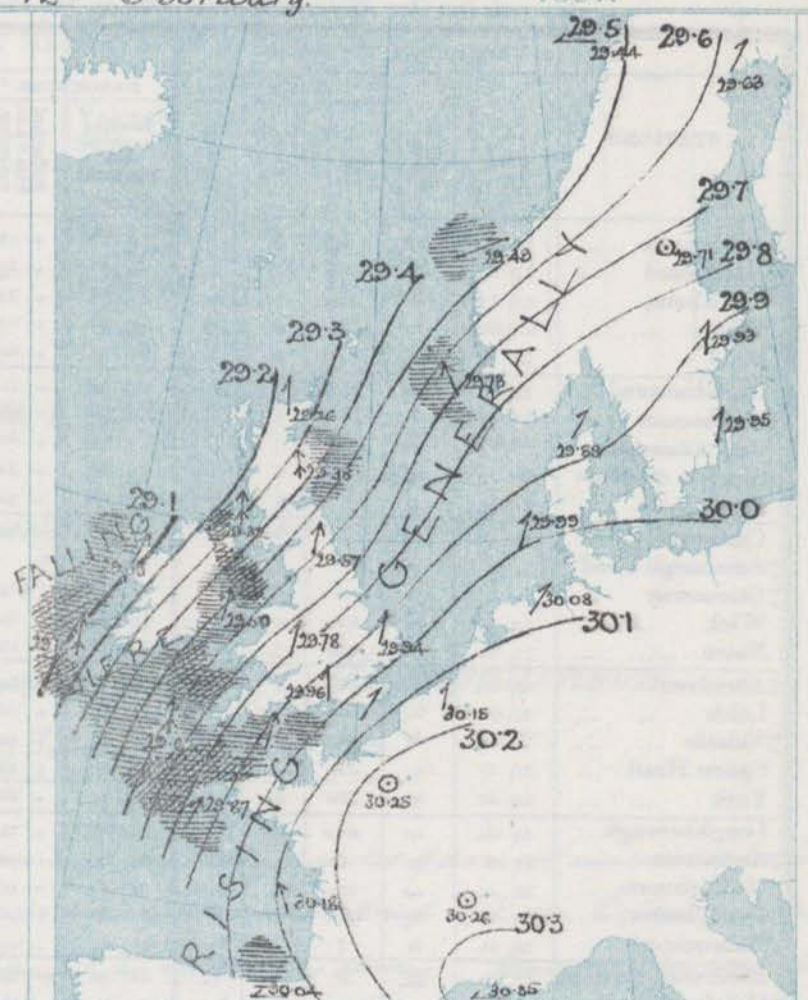
Sea Disturbance — where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.751
Stornoway	29.729
Wick	29.756
Nairn	29.772
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Ballyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.857
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.947
Oxford	29.953
Cambridge	29.950
Yarmouth	29.920



REMARKS.

for Tuesday 12th February 1884. at 8 a.m.

In the course of the past night a large and deep depression has appeared off our extreme western coasts, and the barometer is now falling over the whole of Ireland, Scotland, and the west of England. At our south-eastern and the Continental stations, however, the mercury is still rising. The wind has backed to the S^W on all coasts; in the south east it is at present moderate in force, but in the west and north there is a fresh to strong gale. The weather is fair in the east and south, but cloudy or overcast elsewhere, with rain at Aberdeen and Rock's Point. Since yesterday morning rain has fallen generally, and thunderstorms have been experienced at Hurst Castle and in London. Temperature has risen considerably, and readings now range from 51° at Scilly to 37° at Wick. The sea is high or rough on all our western and southern coasts, as well as at Aberdeen.

The large depression in the west will probably travel N^W, and the wind over Ireland, and the west of England is therefore likely to veer to the S^W with some improvement in the weather.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S ^W strong winds and gales; unsettled, rain at times.	6 { SCOTLAND WEST	S ^W and S ^W strong winds and gales; unsettled, rain at times.
1 { SCOTLAND EAST	----- D ^e ----- D ^e ----- D ^e -----	7 { ENGLAND N. W.	----- D ^e ----- D ^e ----- D ^e -----
2 { ENGLAND N. E.	----- D ^e ----- D ^e ----- D ^e -----	8 { ENGLAND S. W.	S ^W to S ^W gales, moderating later; unsettled and rainy at first, then improving somewhat.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	----- D ^e ----- D ^e ----- D ^e -----
4 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	----- D ^e ----- D ^e ----- D ^e -----
5 { ENGLAND SOUTH	S ^W and S ^W winds, strong to a gale; mild, changeable, some rain.	WARNINGS	The south cone was hoisted last evening on all our coasts.

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.44	44	39	S	S	0	7	Valencia	29.53	48	43	W S W	5	bc qms	6
Sumburgh Head								Scilly	29.70	48	45	W S W	6	c	6
Stornoway								Dover	29.77	46	44	W S W	6	b	4
Aberdeen	29.23	40	36	S S W	5	6	3	London	29.70	45	42	S W	5	c	*
Shields	29.37	42	39	S W	5	bcw.	2	Yarmouth	29.67	46	42	S S W	5	c q	4
Ardrossan	29.27	39	39	N	3	0	3	Jersey							
Mullaghmore	29.32	44	42	W S W	6	cm	5	Rocheport	30.14	51	50	W S W	5	0	2
Holyhead	29.43	43	39	N	5	og	5								

REMARKS.

Since 8 a.m. the barometer has fallen in the E. and S.E. of England, while it has continued to rise elsewhere. Fresh or strong S.W. winds prevail generally, with fair but squally weather in most places. Thunder and lightning occurred in London shortly after noon. The sea is rather rough both at Holyhead and Dover.

DAILY WEATHER REPORT

for *Wednesday - day 13th February* 1884.

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

† YESTERDAY EVENING.										8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	SHADE TEMP.							
			Dir.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)	Weather.		Max.	Min.	Amount of Rainfall.					
Haparanda	30.04	24	SW	2	f	30.02	+ .69	31	31	+ 5	SW	2	f	*	?	21	-					
Hernösand ...	29.99	26	Z	0	b	30.24	+ .50	24	23	- 9	Z	0	f	*	37	23	-					
Stockholm ...	30.10	35	SSW	2	b	30.36	+ .43	35	34	- 1	SSW	2	0	*	41	32	-					
Wisby ...	30.18	37	W	4	bc	30.33	+ .38	35	35	- 2	WSW	2	b	*	41	34	-					
Bodo ...	29.82	38	SE	2	c	29.93	+ .49	29	34	+ 1	ENE	2	c	1	39	34	-					
Christiansund ...	29.65	46	ESE	3	c	29.81	+ .32	45	40	+ 10	ESE	2	bc	3	48	36	-					
Skudesnes ...	29.88	44	SSE	8	0	30.08	+ .30	40	40	+ 1	SE	8	0	7	45	?	-					
Oxö (Xulasund) ...	30.02	42	S	6	0	30.21	+ .37	39	39	- 1	S	1	m	4	43	39	-					
Skagen (The Skaw)	30.15	41	SSW	4	0	30.28	+ .40	39	39	+ 2	S	4	b	2	41	37	-					
Fanö ...	30.19	41	S	5	b	30.25	+ .26	36	35	- 4	SSE	4	b	*	43	34	-					
Cuxhaven ...	30.07	40	SSE	1	b	30.30	+ .22	37	36	- 4	SSE	2	b	*	45	34	-					
† Sumburgh Head																						
† Stornoway ...																						
Wick ...																						
Nairn ...	29.22	45	SW	5	bc	29.34	+ .34	42	40	- 2	Z	0	b	1	51	42	-					
† Aberdeen ...	29.42	44	S	7	cq	29.66	+ .28	43	42	- 0	S	5	c	5	47	41	0.12					
Leith ...	29.88	50	SW	7	c	29.61	+ .24	47	45	- 2	S	1	c	*	52	42	0.08					
† Shields ...	29.61	38	SSW	5	c	29.73	+ .16	47	46	+ 3	SSW	7	0	2	51	42	-					
Spurn Head ...	29.77	44	S	6	c	29.30	+ .09	42	43	- 0	SSE	6	b	4	48	38	-					
York ...	29.74	48	S	3	bc	29.87	+ .13	44	43	+ 1	S	3	0	*	51	41	0.04					
Loughborough ...	29.80	45	S	4	bc	29.83	+ .05	46	44	- 1	SSE	4	bc	*	50	42	-					
† Ardrossan ...	29.30	47	S	9	0	29.51	+ .19	47	47	- 0	SE	6	0	4	47	44	0.25					
† Mullaghmore ...	29.05	49	SSW	7	oqq	29.24	+ .13	47	46	- 3	SSE	6	op	6	52	43	0.23					
Donaghadee ...	29.35	48	SSW	7	0	29.47	+ .14	47	46	- 0	SSW	7	0	5	48	43	0.15					
Parsonstown ...	29.31	49	S	2	c	29.36	+ .15	48	46	- 1	S	3	oq	*	52	41	0.12					
Barrow-in-Furness	29.56	46	SSE	6	0	29.64	+ .09	46	45	- 1	SSE	6	c	6	48	44	0.10					
† Holyhead ...	29.49	47	S	5	rq	29.56	+ .06	47	46	- 0	S	5	rq	5	48	42	1.06					
Liverpool (Bidston)	29.61	48	SSE	4	0	29.67	+ .04	47	45	- 2	SE	4	c	3	52	46	-					
Valencia ...	29.27	48	SSW	7	mm	29.38	+ .22	46	43	- 4	SW	6	cm	6	53	40	0.33					
Roche's Point ..	29.35	49	SSW	5	c	29.44	+ .13	48	46	- 0	SSW	5	ow	5	51	48	0.90					
Pembroke ...	29.55	47	SSW	7	r	29.61	+ .00	48	47	- 1	S	7	r	8	49	47	0.64					
† Scilly ...	29.07	50	S	9	rmm	29.59	+ .03	50	49	- 1	S	8	0	7	51	48	0.37					
Prawle Point ...	29.77	48	S	7	0	29.30	+ .03	48	47	+ 1	S	5	0	6	50	45	-					
Hurst Castle ...	29.89	47	S	10	bc	29.89	+ .04	48	47	+ 2	S	4	a	5	49	46	-					
† Dover ...	30.04	48	SSW	4	b	30.02	+ .00	46	45	- 0	S	5	b	4	47	45	-					
† London ...	29.94	45	SSW	2	b	29.94	+ .02	46	45	+ 2	SSE	3	bc	*	50	44	-					
Oxford ...	29.85	45	S	5	c	29.88	+ .01	47	46	+ 1	SSE	3	cq	*	49	45	-					
Cambridge ...	29.91	43	S	2	c	29.94	+ .02	46	44	+ 2	S	1	bc	*	50	41	-					
† Yarmouth ...	29.90	44	S	6	bcq	30.00	+ .06	44	43	- 0	S	5	b	3	48	42	-					
The Helder ...																						
Cape Griz Nez ...	29.95	45	S	7	0	30.00	+ .05	46	45	+ 3	S	5	b	4	50	41	-					
† Jersey ...																						
Brest ...	29.79	50	S	8	b	29.75	+ .12	50	46	- 0	S	8	r	5	50	48	0.08					
Lorient ...																						
† Rochefort ...	30.09	51	SSE	5	b	30.07	+ .11	48	47	+ 0	SSE	7	b	2	55	41	-					
Biarritz ...	30.04	59	S	3	b	30.00	+ .04	58	53	+ 12	S	7	b	6	63	246	-					
Corunna ...	*	*	*	*	*																	
Brussels ...	*	*	*	*	*	30.16	+ .01	46	44	+ 4	SSE	3	b	*	49	42	-					
Charleville ...	30.18	41	S	1	b	30.20	+ .01	41	38	+ 2	ESE	5	b	*	43	37	-					
Paris ...	30.12	42	S	1	S	30.18	+ .07	44	42	+ 5	S	1	m	*	*	*	-					
Lyons ...	30.21	50	S	4	0	30.24	+ .02	44	43	+ 5	SE	1	c	*	49	42	-					
Toulon ...	30.29	51	SE	5	0	30.29	+ .04	50	47	- 0	SE	7	0	4	55	46	0.12					
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	28.39	44	SW	4	0	28.49	+ .10	44	43	+ 3	S	4	0	*	45	40	0.74					

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ANTI-CYCLONE 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.
 ‡ Three Stations send Reports at 2 p.m. daily (Sundays excepted).

WEATHER CHARTS

for 6 a.m. on

WEDNESDAY.

13th FEBRUARY.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isotherms are drawn for each tenth of an inch changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force thus —

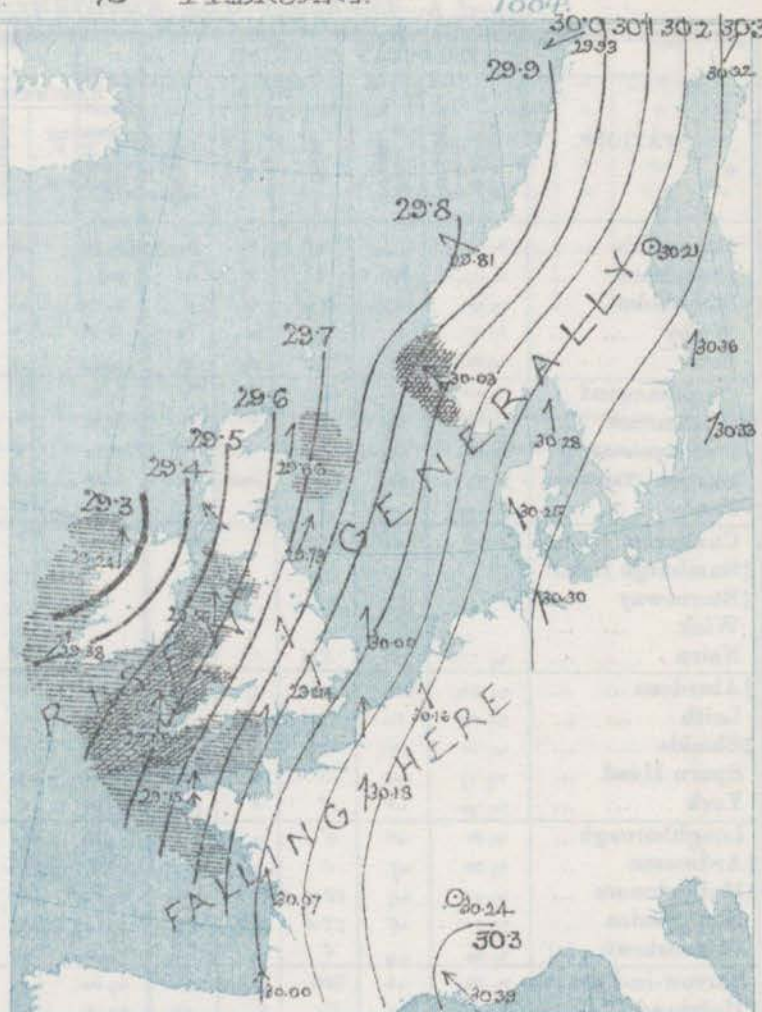
→ force above 10 → force 8 to 10
 → force 5 to 7 → force 1 to 4
 ○ = dead calm.

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

MEAN HEIGHT of the BAROMETER

at 6 a.m. for the month of February
 During the 10 Years 1871—1880.

STATIONS	MEAN READINGS
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.823
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Bolyhead	29.835
Liverpool	29.882
Valencia	29.870
Rock's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.880
Yarmouth	29.920



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 February.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	38.4	37.6	8.26
Stornoway	39.0	37.7	3.91
Wick	38.8	38.8	2.05
Nairn	37.2	35.9	1.42
Aberdeen	37.5	35.9	2.32
Leith	38.9	37.8	1.59
Shields	38.8	37.5	1.71
York	37.7	35.7	1.75
Ardrossan	39.9	38.1	3.33
Donaghadee	40.6	39.6	2.40
Bolyhead	42.0	40.5	2.80
Liverpool	39.6	38.0	1.81
Valencia	45.2	43.4	4.60
Rock's Point	43.6	42.1	4.26
Pembroke	42.6	41.5	2.89
Scilly	45.7	45.1	8.75
Hurst Castle	40.9	40.1	2.58
Dover	39.7	38.5	2.07
LONDON	39.3	38.2	1.81
Oxford	38.7	37.6	1.92
Cambridge	37.9	36.6	1.53
Yarmouth	38.5	37.9	2.08

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 13th February 1884. at 8 a.m.

A large depression still lies off our extreme western coast, but the barometer is rising at all but our southern and the French stations, where a slight fall is in progress. A very extensive area of high pressure appears to be lying over northern and Central Europe. Fresh or strong S^W winds are reported on all coasts, but the gale noticed yesterday in the west and north has subsided. The weather remains fair at most of the Eastern stations but is dull and unsettled in the west, with rain at Holyhead and St. Imbroke, and passing showers at Mullaghmore. In the course of yesterday rain fell at most of our western & northern stations. Temperature has changed little and irregularly, and readings now range from 50° at Scilly to 42° at Harrow. The sea is high & rough on all our western and southern coasts.

The depression in the west is likely either to move away over the Atlantic or to disperse. The decided rise in the barometer which is in progress over Scandinavia seems to indicate that a change in the distribution of pressure may shortly be expected.

FORECASTS.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S and S ^E ^W winds, fresh or strong; fair, colder	6 { SCOTLAND WEST	S and S ^E ^W winds, fresh or strong; cloudy, some rain
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	-----D-----D-----D-----
2 { ENGLAND N.E.	Same as N° 5	8 { ENGLAND S.W.	S ^W winds, strong; dull, unsettled; some rain
3 { ENGLAND EAST	Same as N° 5	9 { IRELAND NORTH	-----D-----D-----D-----
4 { MIDLAND COUNTIES	Same as N° 5	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	S ^W winds, moderate; fair generally	WARNINGS	The South Cone has been lowered this morning in districts 3 & 5, but is still up elsewhere

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	29.80	42	41	SSE	8	0	7	Valencia	29.18	46	45	SSW	8	rmg	7
Sumburgh Head								Scilly	29.88	49	47	S	9	odp	6
Stornoway								Dover	30.04	48	44	SW	4	b	3
Aberdeen	29.44	46	44	S	7	0	5	London	29.94	49	44	SSW	5	c	*
Shields	29.60	51	46	SSW	7	0	2	Yarmouth	29.95	47	45	SSW	5	bcq	4
Ardrossan	29.71	46	46	S	10	0	9	Jersey							
Mullaghmore	29.08	51	49	SSW	8	p	6	Rochefort	30.12	52	49	SSE	5	b	7
Holyhead	29.50	47	46	SSW	6	7.9	6								

REMARKS.

The large depression in the N. appears to be moving slowly N.W., and the barometer is rising at Valencia, but at Scilly and Rochefort a new fall seems to indicate the approach of a subsidiary disturbance. Strong S. winds or gales are reported generally with fair weather in the east, but dull, rainy weather in the N. Sea is rough at Holyhead, slight at Dover.

DAILY WEATHER REPORT

for *Thursday 14th February 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).				Max.	Min.	
Haparanda	30.54	32.	S	2	0		30.67	+ .35	30	30	- 1	S	4	0	*		32	21	-
Hernösand ...	30.55	33	2	0	0		30.48	+ .27	30	30	+ 6	2	0	0	*		36	18	-
Stockholm ...	30.50	34	SW	2	0		30.65	+ .29	34	34	- 1	SE	2	0	*		41	32	-
Wisby ...	30.45	32	2	0	C		30.54	+ .21	36	35	+ 1	SE	4	0	*		39	30	-
Bodö	30.21	39	E.N.E.	4	0		30.29	+ .36	39	35	0	E.N.E.	6	0	*		41	34	-
Christiansund ...	30.08	49	SE	3	0		30.36	+ .55	44	42	- 4	E.N.E.	1	0	*		50	41	-
† Skudesnaes ...	30.18	47	SE	8	- 6c		30.33	+ .30	46	42	+ 3	SE	6	0	0		42	43	-
Oxö (Xlansund) ...	30.34	40	E.N.E.	4	0		30.50	+ .29	39	38	0	E.N.E.	6	0	0		43	39	-
Skagen (The Skaw)	30.45	40	S	4	0		30.53	+ .25	37	37	- 2	SE	4	0	0		41	36	-
Fanö	30.35	38	SE	4	0		30.38	+ .13	37	36	+ 1	E.S.E.	6	0	*		45	36	-
Cuxhaven	30.23	40	SEA	4	0		30.34	+ .04	37	37	0	SE	3	0	*		46	34	-
† Sumburgh Head																			
† Stornoway ...																			
Wick ...	29.72	45	W	3	0		29.87	+ .30	45	44	+ 2	S	5	0	0		46	37	0.15
Nairn ...	29.75	47	SW	4	0		29.79	+ .25	43	42	+ 1	2	0	0	1		52	39	0.12
† Aberdeen ...	29.81	44	S	4	0		29.91	+ .25	45	44	+ 2	S	6	0	0		46	42	0.46
Leith ...	29.80	49	SW	3	0		29.93	+ .32	46	43	- 1	SW	4	0	0		53	42	0.17
† Shields ...	29.88	49	SSW	4	1		30.05	+ .32	46	43	- 1	SW	3	0	2		51	44	0.05
Spurn Head ...	29.94	45	SE	5	0		30.09	+ .23	44	44	+ 1	S	3	0	0		48	42	-
York ...	29.89	51	SE	2	0		30.09	+ .28	47	44	+ 3	SW	1	0	0		53	43	0.01
Loughborough ...	29.90	51	SSE	3	0		30.10	+ .27	44	42	- 2	2	0	0	*		55	44	0.01
† Ardrossan ...	29.78	45	SSE	2	0		29.99	+ .48	43	43	- 4	SW	5	0	3		47	41	0.25
† Mullaghmore ...	29.70	42	ESE	3	0		29.91	+ .67	41	40	- 6	SSW	4	0	4		48	40	0.06
Donaghadee ...	29.78	43	S	1	0		30.01	+ .54	38	38	- 9	W	2	0	0		49	36	0.35
Parsonstown ...	29.70	44	N.W.	1	0		29.98	+ .62	36	35	- 12	SSE	1	0	0		49	35	0.04
Barrow-in-Furness	29.83	44	SSE	3	1		30.07	+ .43	42	41	- 4	SW	2	0	0		48	41	0.43
† Holyhead ...	29.76	46	S	3	0		30.04	+ .48	43	42	- 4	SSW	3	0	3		50	40	0.42
Liverpool (Bidston)	29.82	46	SW	1	0		30.09	+ .42	41	40	- 6	SW	2	0	1		50	41	0.07
† Valencia ...	29.61	43	SW	3	0		29.92	+ .54	44	43	- 2	SE	4	0	4		48	41	0.24
Roche's Point ...	29.64	47	SE	4	0		30.00	+ .06	45	43	- 3	SE	4	0	4		52	41	0.30
Pembroke ...	29.72	45	ESE	3	1		30.05	+ .44	46	45	- 2	SW	2	0	4		50	43	0.30
† Scilly ...	29.64	48	SSE	3	1		30.03	+ .44	46	45	- 4	S	3	0	6		50	44	0.42
Prawle Point ...	29.82	50	ASE	5	0		30.13	+ .33	46	45	- 2	SW	1	0	5		50	44	0.04
Hurst Castle ...	29.91	50	SSW	4	0		30.13	+ .24	44	43	- 4	W	3	0	4		51	43	0.04
† Dover ...	30.04	48	SSW	3	0		30.13	+ .13	44	45	+ 1	SW	1	0	11		50	46	0.04
† London ...	29.97	52	SE	2	0		30.16	+ .22	47	45	+ 1	SSW	1	0	*		57	46	0.01
Oxford ...	29.93	49	SSW	4	0		30.13	+ .25	44	43	- 3	SW	2	0	*		54	44	0.03
Cambridge ...	29.98	50	SSE	1	0		30.15	+ .21	46	46	0	SE	1	0	*		56	44	-
† Yarmouth ...	30.02	45	S	4	0		30.15	+ .15	43	43	- 1	SSE	2	0	3		46	42	0.06
The Helder ...	30.18	44	SE	3	0		30.23		37	36		SE	1	0	*		50	37	-
Cape Griz Nez ...	30.04	52	S	5	0		30.13	+ .13	46	45	0	SW	1	0	1		59	45	-
† Jersey ...																			
Brest ...	29.76	51	S	7	0		30.09	+ .34	48	48	- 2	SW	3	0	7		50	46	0.12
† Lorient ...	29.89	51	S	5	1		30.16		46	43		SW	1	0	7		54	41	0.04
† Rochefort ...	30.06	55	SSE	7	0		30.25	+ .18	50	47	+ 2	SW	3	0	2		61	41	-
Biarritz ...	30.02	62	SW	3	0		30.20	+ .20	52	48	- 6	SE	3	0	7		66	48	-
Corunna ...																			
† Brussels ...							30.20	+ .04	40	39	- 6	SE	1	0	*		57	39	-
Charleville ...	30.19	48	E	4	0		30.22	+ .02	39	36	- 2	E	3	0	*		57	37	-
Paris ...	30.16	54	SE	1	0		30.22	+ .04	46	45	+ 2	SSE	1	0	*				-
Lyons ...	30.22	51	S	4	0		30.24	0.00	43	43	- 1	NE	1	0	*		58	43	-
Toulon ...	30.39	50	SE	7	0		30.35	- .04	48	45	- 2	SE	3	0	3		57	46	0.08
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.63	41	S	2	0				38	38	- 6	SW	3	0	*		46	38	0.52

EXPLANATION OF COLUMNS.

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

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

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

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

§ Received too late for insertion in Charts.

WEATHER CHARTS

for 8 a.m. on Thursday 14th February 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

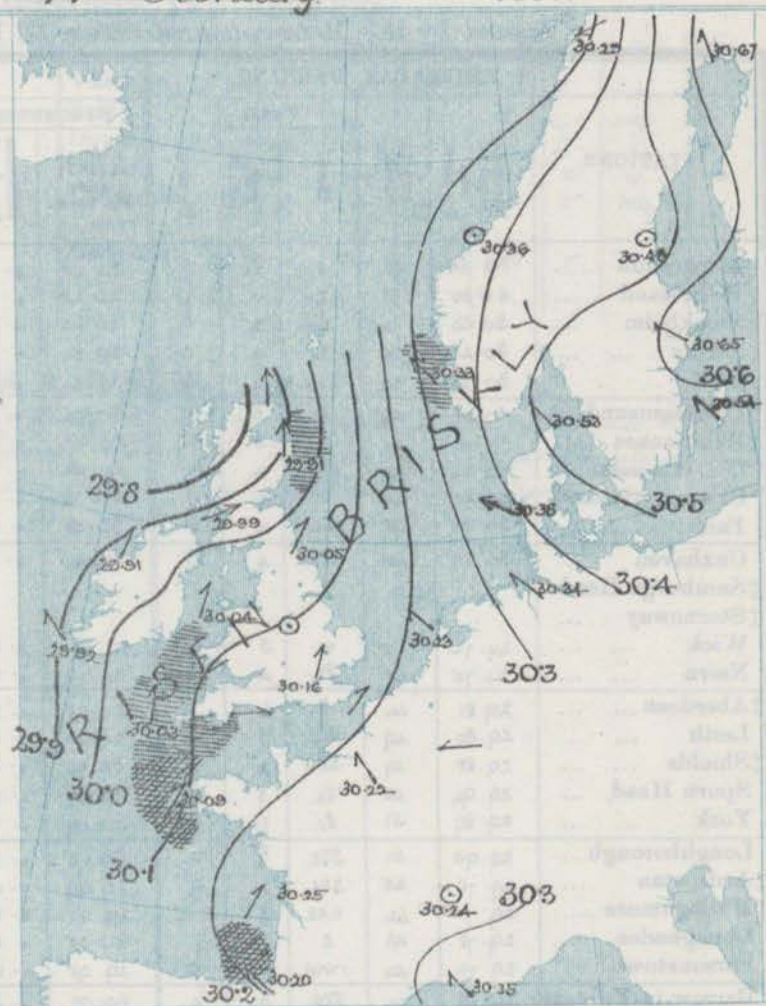
Sea Disturbance—where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.731
Stornoway	29.728
Wick	29.756
Nairn	29.773
Aberdeen	29.783
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roches Point	29.867
Pembroke	29.887
Scilly	29.926
Burst Castle	29.928
Dover	29.946
LONDON	29.943
Oxford	29.954
Cambridge	29.980
Yarmouth	29.920



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 February.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	38.4	37.6	3.26
Stornoway	38.0	37.7	3.31
Wick	38.3	36.8	2.06
Nairn	37.2	36.4	7.41
Aberdeen	37.6	36.9	2.32
Leith	38.9	37.6	1.59
Shields	38.8	37.6	1.71
York	37.7	36.7	1.75
Ardrossan	38.9	38.1	3.33
Donaghadee	40.6	38.6	2.40
Holyhead	42.0	40.5	2.60
Liverpool	39.6	38.0	1.81
Valencia	45.2	43.9	4.60
Roches Point	43.6	42.1	4.26
Pembroke	42.8	41.6	2.89
Scilly	46.7	46.1	2.75
Burst Castle	40.3	40.1	2.68
Dover	39.7	38.5	2.02
LONDON	38.3	38.2	1.81
Oxford	38.7	37.6	1.82
Cambridge	37.0	36.8	1.63
Yarmouth	38.6	37.9	2.09

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



REMARKS.

for Thursday 14th February

1884, at 8 a.m.

The depression which lay off our western coast yesterday appears to have moved slowly in a northerly direction, and a slight fall of the barometer is now in progress over Scotland. The reports of last evening indicated that a new disturbance was approaching our south-west coasts but this has since disappeared, and the barometer is rising at all our more southern as well as at the Continental stations. Over the Baltic and Gulf of Bothnia there is an area of high pressure in which readings exceed 30 in. The wind is SW^W over England and France, and S^W in Scotland, but in the south of Ireland, and also on the eastern shores of the North Sea it is SE^W; in force it is generally light or moderate. The weather varies greatly in different localities, but at the majority of our stations it is fair. At Dover, Yarmouth, and Paris, however, rain is falling. In the course of the past 24 hours rain has fallen generally. Lightning occurred at Valencia last night. Temperature has fallen at most of our western and southern stations, and readings now range from 47° at York, Dover, and in London to 36° at Kilmarnock. During yesterday the thermometer rose to 55° at Loughborough, 56° at Cambridge, and 57° in London. The sea is rough on our south-west coasts, as well as at Aberdeen, moderate to smooth elsewhere.

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

FORECASTS

for the 24 hours ending at NOON on 15th February 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S ^W or SE ^W Winds, fresh; fair generally.	6 { SCOTLAND WEST	S ^W winds, moderate; fair generally.
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.	SE ^W or S ^W Winds, moderate or fresh; cloudy, perhaps some rain.
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 ^W or S ^W Winds, light; changeable, but fair on the whole.	WARNINGS	
		None issued.	

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

TUESDAYS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.12	45	45	SE	8	0	7	Valencia	29.53	47	45	S	3	60	3
Sumburgh Head								Scilly	29.67	49	47	SE	4	0	6
Stornoway								Dover	30.01	50	47	SEW	4	6	3
Aberdeen	29.63	45	43	J	8	0	6	London	29.95	57	50	SEW	3	6	*
Shields	29.78	51	47	SEW	6	0	2	Yarmouth	30.00	46	44	SSE	4	6	3
Ardrossan	29.62	47	47	S	4	0	5	Jersey							
Mullaghmore	29.53	43	41	W	5	6	4	Rochefort	30.06	57	54	SE	7	0	2
Holyhead	29.69	46	44	SEW	4	0	4								

REMARKS.

Since 8 am. the barometer has fallen a little at Aberdeen and Rochefort, but risen elsewhere — quickly in the W. of Ireland. At Aberdeen the wind has increased to a fresh gale from the S^W, but in other places it is little changed. The weather is fair generally. The sea is moderate at Holyhead, slight at Dover.

DAILY WEATHER REPORT

for Friday 15th February 1884.

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.					
			Direc.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12)		Weather.	Max.	Min.	Amount of Rainfall.		
Haparanda	30.59	32	24	0	h	30.58	+10	23	22	-7	20	0	h	*	30	?	-		
Hernösand ...	30.58	32	SE	2	0	30.52	+17	38	32	-1	20	0	0	*	36	30	0.04		
Stockholm ...	30.55	36	ESE	4	0	30.73	+19	35	33	-1	ESE	4	0	*	37	30	-		
Wisby ...	30.58	39	E	2	0	30.54	+25	37	35	-2	ESE	2	60	1	39	36	-		
§ Bodö ...	30.41	43	ESE	2	h	30.66	+30	36	34	-8	20	0	h	4	50	34	-		
† Christiania ...	30.50	44	SE	7	bc	30.64	+31	41	37	-5	SE	6	bc	5	46	?	-		
† Skudesnaes § ...	30.60	39	ENE	6	0	30.72	+22	37	35	-2	E	6	0	5	41	36	-		
Oxö (Xiansand) ...	30.63	39	SE	2	0	30.73	+26	37	34	0	ESE	4	0	8	39	36	-		
Skagen (The Skaw)	30.50	37	ESE	7	0	30.68	+20	37	35	0	ESE	6	c	*	45	36	-		
Fanö ...	30.31	39	ESE	6	bc	30.50	+16	37	36	0	E	5	h	*	43	34	-		
Cuxhaven ...	30.16	43	S	3	h	30.18	-2	42	41	-1	ESE	5	h	4	46	34	0.01		
† Sumburgh Head	30.22	42	W	3	h	30.36	+14	41	39	-4	SSE	6	bc	6	49	37	-		
† Stornoway ...	30.22	37	SW	1	h	30.27	+48	41	39	-2	ESE	2	0	1	47	32	-		
Wick ...	30.25	42	SSW	1	h	30.36	+11	40	38	-2	SSE	7	bc	6	50	35	0.01		
† Aberdeen ...	30.23	44	W	0	h	30.24	+1	42	40	-2	SE	3	0	*	50	33	-		
Leith ...	30.27	45	W	2	bc	30.26	+1	41	39	-2	SE	6	bc	2	48	39	-		
† Shields ...	30.19	45	NE	3	bc	30.21	+2	40	38	-2	ESE	6	0	5	49	35	-		
Spurn Head ...	30.23	46	WN	1	bc	30.23	0	40	38	-2	SE	3	0	*	50	39	-		
York ...	30.20	45	ENE	1	bc	30.14	+6	40	38	-2	E	3	bc	*	55	39	0.02		
Loughborough ...	30.21	44	ENE	1	h	30.17	+3	40	39	-1	ENE	3	0	2	46	36	0.02		
† Ardrossan ...	30.03	47	ESSE	5	bc	29.93	+10	48	42	+6	ESE	5	bc	4	49	41	-		
Mullaghmore ...	30.19	44	S	2	h	30.08	+11	43	42	+1	SSE	5	h	4	49	37	0.02		
Donaghadee ...	30.07	44	SE	3	bc	29.92	+15	42	40	+2	SE	1	bc	*	50	35	-		
Parsonstown ...	30.21	44	WN	1	h	30.11	+10	42	39	+3	ESE	5	0	4	48	39	-		
Barrow-in-Furness	30.17	45	SE	1	h	30.02	+15	43	42	+1	SE	4	bc	4	50	39	0.02		
† Holyhead ...	30.20	45	ENE	1	h	30.09	+11	42	41	+1	E	4	h	3	50	40	-		
Liverpool (Bidston)	29.87	47	ESE	8	bc	29.68	+19	49	46	+3	ESE	8	bc	7	51	44	-		
† Valencia ...	30.02	48	ESE	5	bc	29.82	+16	47	45	+2	SE	7	c	5	51	43	-		
Roche's Point ..	30.13	46	ESE	2	h	29.96	+17	43	43	0	ESE	4	bc	3	48	40	-		
Pembroke ...	30.04	49	SE	5	h	29.79	+20	49	47	+2	ESE	6	c	5	51	45	-		
† Scilly ...	30.16	46	ENE	2	h	29.96	+17	47	46	+1	E	4	c	3	53	43	-		
Prawle Point ...	30.16	45	W	0	h	30.01	+15	45	45	0	E	4	h	2	54	40	-		
Hurst Castle ...	30.16	49	NE	1	bc	30.12	-4	40	38	-2	ESE	5	bc	4	50	39	0.16		
† Dover ...	30.18	50	W	0	bc	30.09	+9	41	39	+2	E	3	h	*	52	40	0.03		
London ...	30.17	42	W	0	h	30.09	+8	42	40	+2	E	2	c	*	53	42	-		
Oxford ...	30.18	45	W	1	h	30.14	-4	39	37	-2	E	1	bc	*	54	37	-		
Cambridge ...	30.18	43	NE	2	h	30.19	-1	39	37	-2	ESE	7	h	6	47	37	0.16		
† Yarmouth ...	30.23	41	SSW	3	h	30.33	-10	38	35	-3	E	4	bc	3	43	34	-		
The Helder ...	30.13	47	NE	4	h	30.11	+2	37	37	0	E	1	h	0	50	37	-		
Cape Griz Nez...	30.09	49	S	4	bc	29.85	+24	49	42	+7	ESE	5	0	5	52	43	-		
† Jersey ...	30.13	47	ESE	3	h	29.86	+27	48	42	+6	ESE	5	c	5	55	39	-		
† Brest ...	30.06	54	E	5	h	29.80	+26	43	41	+2	E	5	bc	2	66	41	-		
† Rochefort ...	30.12	40	ESE	1	h	30.13	-1	35	31	-4	NE	4	h	*	46	30	-		
Biarritz ...	30.18	46	S	4	h	30.10	+8	39	37	+2	E	5	0	*	50	47	-		
Corunna ...	30.08	49	W	1	h	29.97	+11	42	41	+1	W	1	0	*	57	42	0.24		
Brussels ...	30.25	52	SE	1	h	30.03	+22	45	43	+2	E	3	0	2	55	?	0.16		
Charleville ...	28.98	37	W	1	h	28.90	+8	35	35	0	E	3	0	*	44	33	0.03		
Paris ...	30.08	49	W	1	h	29.97	+11	42	41	+1	W	1	0	*	57	42	0.24		
Lyons ...	30.25	52	SE	1	h	30.03	+22	45	43	+2	E	3	0	2	55	?	0.16		
Toulon ...	HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.98	37	W	1	h	28.90	+8	35	35	0	E	3	0	*	44	33	0.03		

EXPLANATION OF COLUMNS.

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

CHARTS

15th February.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

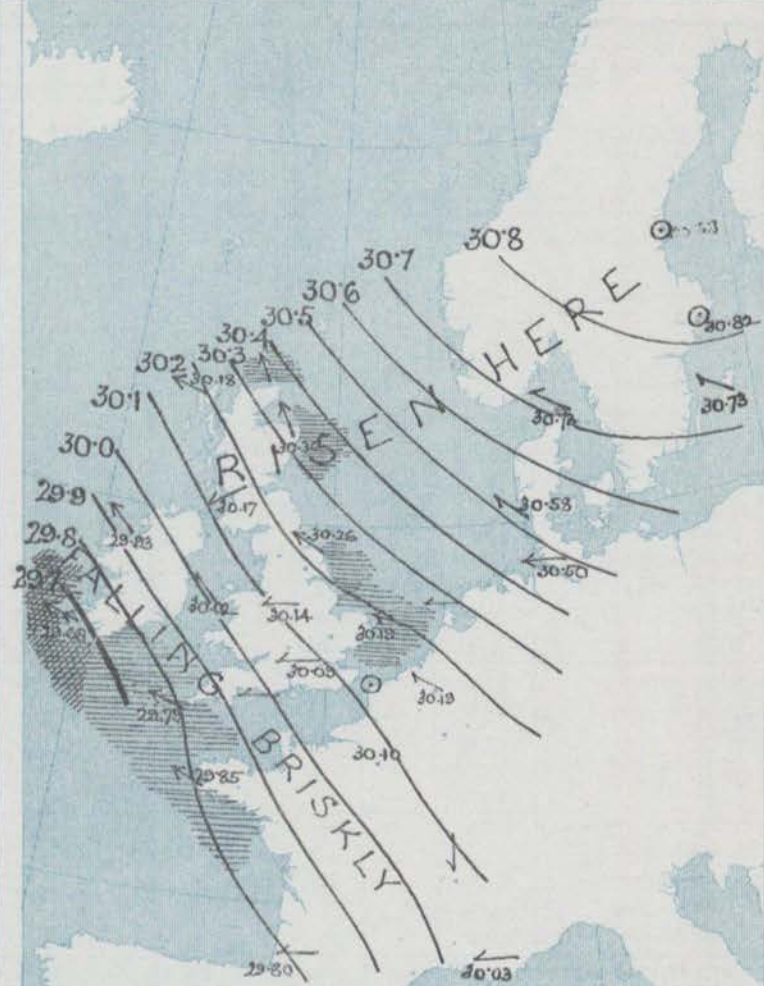
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.766
Nairn	29.773
Aberdeen	29.763
Leith	29.821
Shields	29.857
York	29.896
Ardrossan	29.827
Donaghadee	29.823
Holyhead	29.855
Liverpool	29.892
Valencia	29.870
Roches Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



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.

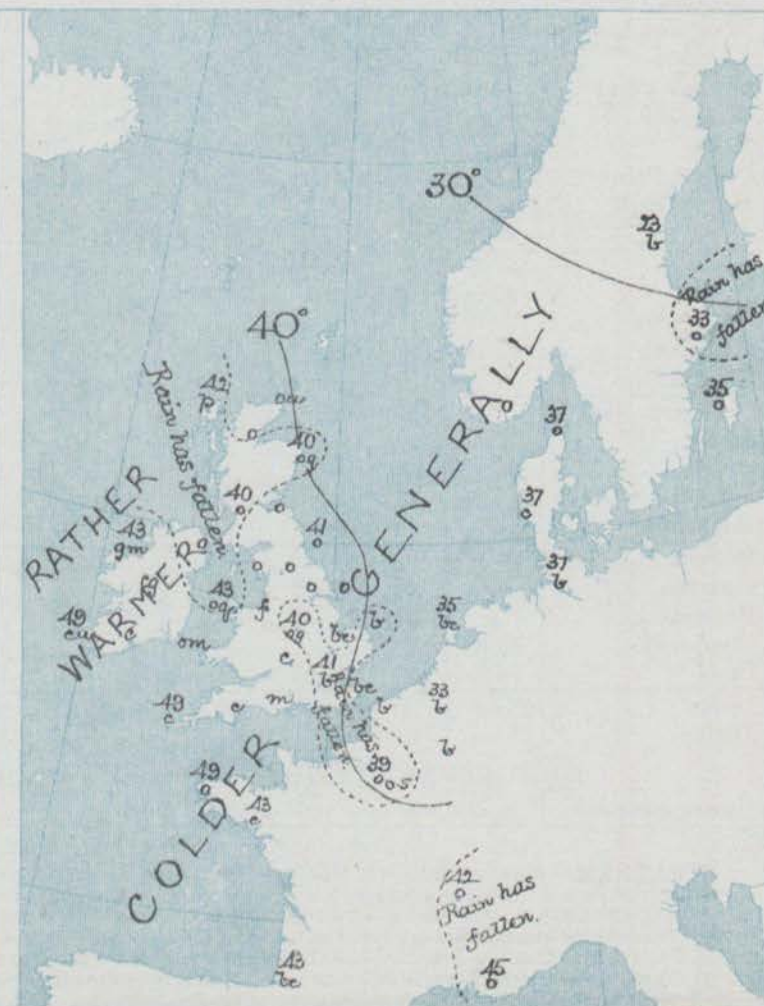
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of February.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	38.4	37.8	3.26
Stornoway	39.0	37.7	3.91
Wick	38.3	36.8	2.06
Nairn	37.2	35.4	1.42
Aberdeen	37.5	35.8	2.32
Leith	38.9	37.6	1.59
Shields	38.8	37.6	7.71
York	37.7	36.7	1.75
Ardrossan	39.9	38.1	3.33
Donaghadee	40.6	38.8	2.40
Holyhead	42.0	40.3	2.80
Liverpool	39.6	38.0	1.81
Valencia	45.2	43.9	6.60
Roches Point	43.6	42.1	4.28
Pembroke	42.8	41.4	2.89
Scilly	46.7	45.1	2.75
Hurst Castle	46.9	45.1	2.88
Dover	39.2	38.6	2.02
LONDON	39.3	38.2	1.82
Oxford	38.7	37.6	1.92
Cambridge	37.8	36.6	1.53
Yarmouth	38.6	37.9	2.09

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 15th February.

1884. at 8 a.m.

In the course of the past 24 hours the barometer has continued to rise over Scandinavia and Denmark, the reading at Stockholm being now as high as 30.8 ins. In the meantime an area of low pressure has appeared off our south-west coast, so that the barometer is falling quickly in that locality and less rapidly in nearly all other parts of the Kingdom. The wind has backed to the SE^{ly} or E^{ly} on all coasts and is increasing considerably. At Valencia it blows with the force of a fresh gale, while on the more exposed parts of our east coasts there is a moderate gale. The weather is dull at most of the northern stations, and showers are reported from Stornoway, but in the south the sky is partially clear. Temperature has risen a little in Ireland, but fallen elsewhere; and readings now range from 44° at Valencia andally to 34° at Cambridge and Yarmouth. The highest maxima registered yesterday were 55° at Loughboro, 54° at Hurst Castle and Cambridge and 53° at Oxford. The sea is rough on nearly all coasts.

Gradients for SE^{ly} winds are likely to become steeper, and strong winds or gales will probably be experienced in all parts of our Islands.

FORECASTS

for the 24 hours ending at NOON on 16th February 1884.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ^{ly} winds, strong to a gale; dull, some cold rain or sleet.	6 { SCOTLAND WEST	Same as No 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.	SE ^{ly} strong winds and gales; cloudy, probably some rain.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	-----D°-----D°-----D°-----
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	E ^{ly} and SE ^{ly} winds, increasing considerably; fair to dull and some rain.	WARNINGS	The south cone was hoisted last evening in districts 8 to 10 and part of 7, and this morning in all other districts excepting No 4.

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

TUESDAY 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.44	46	40	SE	8	bm	6	Valencia	29.91	51	47	SE	8	bm	7
Sumburgh Head								Scilly	30.02	51	47	SE	4	bc	4
Stornoway								Dover	30.18	50	47	N	1	om	1
Aberdeen	30.15	49	44	SW	3	b	4	London	30.19	52	47	NE	1	o	*
Shields	30.20	48	44	2	0	cm	2	Yarmouth	30.18	45	45	2	0	N 1/2 E	4
Ardrossan	30.16	46	45	SW	2	b	2	Jersey							
Mullaghmore	30.04	49	45	SE	4	bc	4	Rochefort	30.26	53	52	W	1	bc	2
Holyhead	30.16	48	46	SE	2	b	3								

REMARKS.

The barometer is rising a little at all stations excepting Valencia, where a slight fall is shown and where also the wind has risen to a fresh gale from SE. The weather is very fine in the N. and N. of our Islands, but dull and misty in the SE. with rain at Yarmouth. The sea is slight at Holyhead, smooth at Dover.

DAILY WEATHER REPORT

for *Saturday 16th February 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			Direc.	Force. (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	30.57	27	SW	2	S	30.57		18	18		2	0	†	*	32	?	0.04		
Hernösand ...	30.58	29	2	0	†	30.56	- 0.2	21	21	- 2	2	0	†	*	34	18	-		
Stockholm ...	30.76	31	W	2	0	30.67	- 1.5	27	27	- 6	NW	2	†	*	34	?	-		
Wisby ...	30.65	32	E	4	0	30.59	- 1.4	31	30	- 4	E	4	†	*	37	30	-		
Bodö ...	30.58	41	SSW	4	0	30.62	+ 0.8	40	37	+ 3	SW	2	0	1	41	36	0.04		
Christiansund ...	30.71	40	SE	1	C	30.65	- 0.1	33	30	- 3	ESE	3	†	3	43	30	-		
† Skudesnaes ...	30.69	36	SE	4	6	30.62	- 0.2	31	30	- 10	NW	1	6	3	43	?	-		
Oxö (Xlansund) ...	30.71	35	ESE	6	0	30.67	- 0.5	34	33	- 3	ESE	6	0	3	37	34	-		
Skagen (The Skaw)	30.74	36	ESE	3	C	30.67	- 0.6	33	32	- 4	ESE	2	0	1	37	32	-		
Fanö ...	30.59	35	E	6	0	30.50	- 0.8	35	33	- 2	E	6	0	*	37	33	-		
Cuxhaven ...	30.39	35	S	6	C	30.44	- 0.6	34	33	- 3	ESE	6	C	*	39	31	-		
† Sumburgh Head	30.16	42	SE	7	6	30.14	- 0.4	40	38	- 2	SE	7	6	6	47	33	-		
† Stornoway ...	30.38	41	SSE	9	0	30.33	- 0.8	40	37	- 1	S	7	ow	7	41	36	-		
Wick ...	30.31	40	ESE	2	6	30.26	- 0.1	39	37	- 2	ESE	3	6	1	43	39	-		
Nairn ...	30.39	40	ESE	8	0	30.35	- 0.1	40	37	0	ESE	7	0	7	41	37	0.06		
† Aberdeen ...	30.28	40	SE	3	0	30.26	+ 0.2	39	36	- 3	SE	3	C	*	42	37	-		
Leith ...	30.81	40	SE	7	0	30.27	+ 0.1	39	36	- 2	SE	7	0	6	41	38	-		
† Shields ...	30.22	40	ESE	7	C	30.21	- 0.0	39	36	- 1	ESE	6	C	6	41	36	-		
Spurn Head ...	30.27	39	E	3	C	30.25	+ 0.2	38	35	- 2	ESE	3	0	*	43	37	-		
York ...	30.17	38	ESE	5	6	30.17	+ 0.3	36	34	- 4	E	4	0	6	43	34	-		
Loughborough...	30.17	38	E	5	6	30.16	- 0.1	38	37	- 2	E	5	6	3	44	35	-		
† Ardrossan ...	29.90	44	ESE	6	ow	29.84	- 0.9	40	38	- 3	SE	8	ow	6	46	40	-		
Mullaghmore ...	30.09	42	SE	8	6	30.10	+ 0.2	39	36	- 4	SE	7	6	5	43	38	0.02		
Donaghadee ...	29.88	45	SE	3	0	29.89	- 0.3	39	36	- 3	SE	3	0	6	48	38	-		
Parsonstown ...	30.14	40	ESE	5	6	30.18	+ 0.7	38	38	- 4	ESE	6	C	5	42	37	-		
Barrow-in-Furness	30.00	42	ESE	5	6	30.03	+ 0.1	37	34	- 6	SE	3	C	4	45	34	-		
Holyhead ...	30.09	39	E	5	6	30.11	+ 0.2	37	33	- 5	E	5	0	3	43	36	-		
Liverpool (Bidston)	29.65	47	ESE	7	ow	29.72	+ 0.4	44	44	- 5	2	0	ow	1	51	42	0.45		
Valencia ...	29.80	47	SE	7	0	29.78	- 0.4	44	43	- 3	ESE	7	A	6	50	42	0.50		
Roche's Point ..	29.91	44	ESE	6	C	29.93	- 0.3	38	37	- 5	ESE	6	C	5	45	37	-		
Pembroke ...	29.76	48	ESE	8	0	29.76	- 0.3	45	44	- 4	SE	8	A	6	50	44	0.41		
† Scilly ...	29.94	43	E	7	0	29.91	- 0.5	40	38	- 7	E	8	0	6	47	35	-		
Prawle Point ...	30.03	42	ESE	6	6	30.03	+ 0.2	40	37	- 5	ESE	5	C	4	47	37	0.01		
Hurst Castle ...	30.15	41	E	5	6	30.14	+ 0.2	38	36	- 2	SE	5	6	4	42	37	-		
† Dover ...	30.13	39	E	5	6	30.13	+ 0.4	35	33	- 6	E	3	6	*	44	33	-		
London...	30.15	37	E	5	6	30.12	+ 0.8	34	33	- 8	E	2	0	*	45	32	-		
Oxford ...	30.19	34	E	3	C	30.17	+ 0.3	37	35	- 2	E	7	0	*	44	31	-		
Cambridge ...	30.23	39	ESE	7	6	30.20	+ 0.1	37	35	- 2	ESE	7	0	6	40	36	-		
Yarmouth ...	30.36	36	E	5	6	30.31	- 0.2	32	30	- 3	E	4	0	3	37	32	-		
The Helder ...	30.44	37	E	5	6	30.42	+ 0.1	31	31	- 6	E	5	6	3	43	?	-		
Cape Griz Nez...	29.77	48	ESE	5	0	29.78	- 0.7	44	41	- 5	SE	5	A	5	32	39	0.20		
† Jersey ...	29.82	46	ESE	8	0	29.78	- 0.8	39	38	- 4	ESE	8	0	6	50	36	-		
Brest ...	29.90	51	SE	5	0	29.88	- 0.4	46	45	- 1	SE	7	0	2	55	36	-		
Lorient ...	29.95	60	E	5	C	29.77	- 0.8	51	49	+ 8	S	4	C	3	66	41	-		
† Rochefort ...	*	*	*	*	*	30.17	- 0.2	30	29	- 3	E	1	6	*	41	30	-		
Biarritz ...	*	*	*	*	*	30.11	- 0.2	31	31	- 4	NW	3	6	*	41	30	-		
Corunna ...	30.09	41	E	5	6	30.10	- 0.0	35	33	- 4	NW	3	0	*	*	*	-		
Brussels ...	29.99	41	NW	1	m	30.01	+ 0.4	33	32	- 9	NW	1	m	*	43	33	-		
Charleville ...	30.08	47	SE	5	0	30.09	+ 0.6	46	43	+ 1	SE	5	0	2	57	43	-		
Paris ...																			
Lyons ...																			
Toulon ...																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.97	33	E	3	0	28.94	+ 0.4	32	32	- 3	SE	4	0	*	35	32	-		

HAWES JUNCTION. 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, 16th February 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

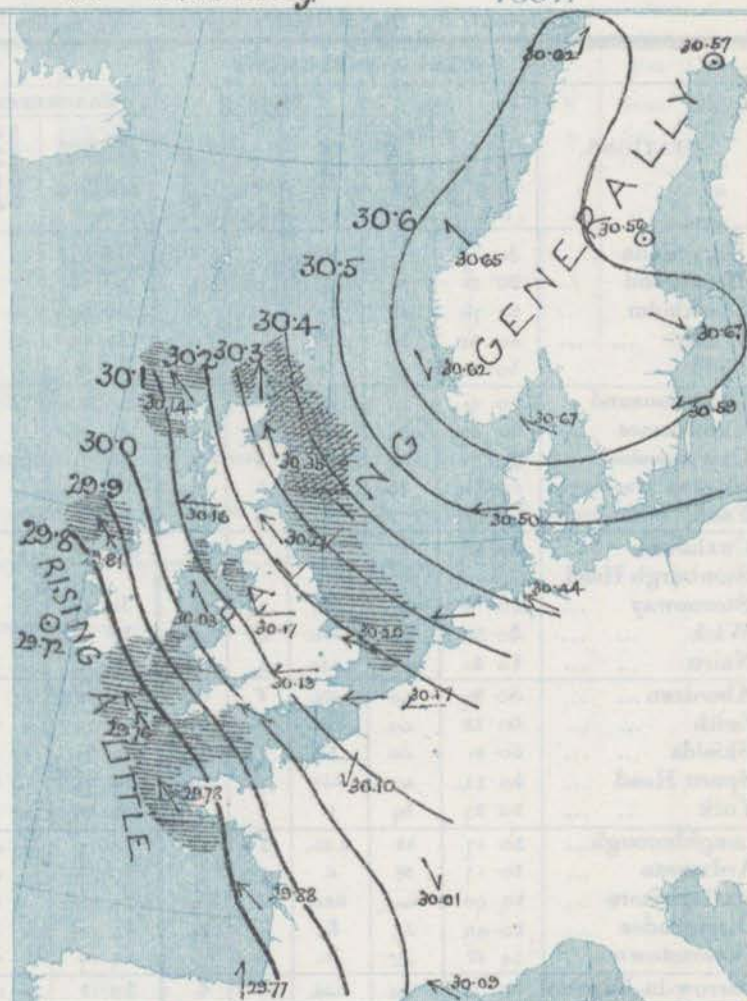
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 * — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ⊙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

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

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.786
Nairn	29.713
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.892
Valencia	29.870
Roches Point	29.867
Pembroke	29.857
Silly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.880
Yarmouth	29.920



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

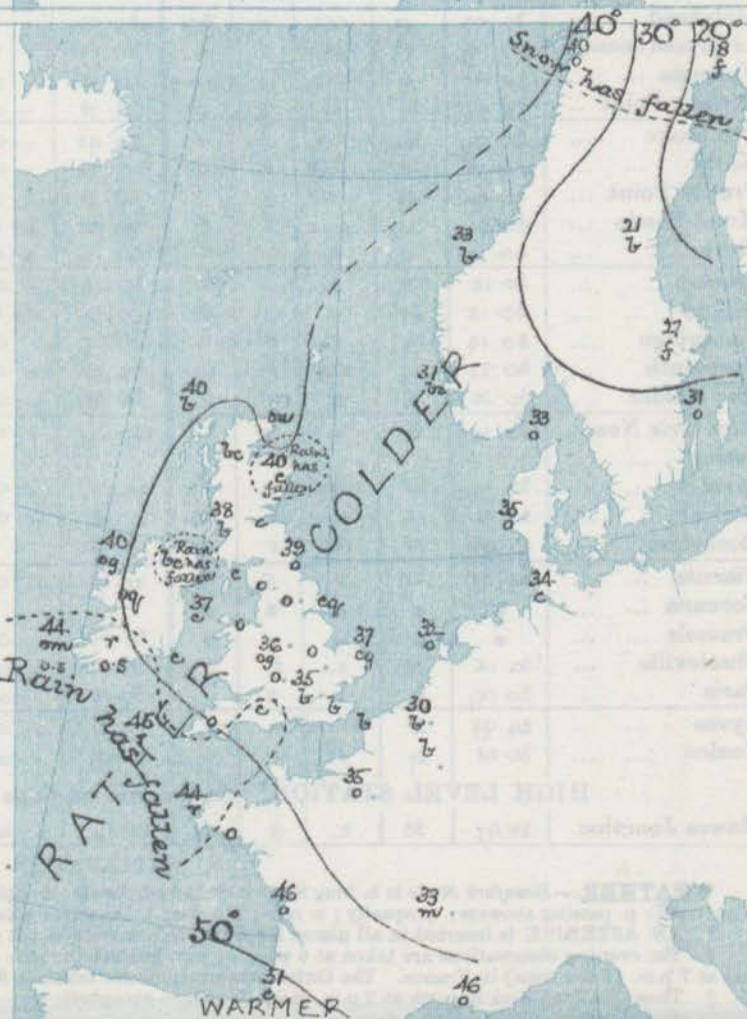
Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.
Weather — is shown by letters of the Beaufort Scale.
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted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

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

for the month of February.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	38.4	37.6	8.26
Stornoway	39.0	37.7	0.91
Wick	38.3	36.8	2.05
Nairn	37.2	36.4	7.42
Aberdeen	37.5	35.8	2.32
Leith	38.8	37.6	1.59
Shields	38.8	37.6	7.71
York	37.7	36.7	1.75
Ardrossan	39.9	38.1	3.33
Donaghadee	40.6	38.6	2.40
Holyhead	42.0	40.5	2.60
Liverpool	38.6	38.0	1.81
Valencia	45.2	43.2	9.60
Roches Point	43.6	42.1	4.26
Pembroke	42.8	41.5	2.89
Silly	46.7	45.1	2.75
Hurst Castle	40.9	40.1	2.38
Dover	39.7	38.5	2.07
LONDON	39.3	38.2	2.87
Oxford	38.2	37.6	1.92
Cambridge	37.9	36.6	1.63
Yarmouth	38.6	37.3	2.09

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1860—80.



REMARKS.

for Saturday 16th February

1884, at 8 a.m.

The general distribution of pressure remains very similar to that of yesterday, readings being highest over Scandinavia, and lowest off our south-west coasts. The barometer, is however, falling generally, and, although the change is rather more decided in the east than in the west gradients have but little changed. E^{ly} or SE^{ly} winds still prevail over the whole of Western Europe, and on many parts of our coasts they blow with the force of a moderate or fresh gale. The weather is overcast in the NE. and SW. of our Islands, with rain at Rock Point and Scilly, but elsewhere the sky is moderately clear. Temperature has fallen a little and reading now range from 45° at Scilly to 34° at Oxford. Frost occurred last night at some of our inland stations. The sea is high off the east of Scotland, and rough in almost all other localities.

There is at present no indication of any decided change in the weather over our Islands. Strong SE^{ly} winds are likely to continue in most places, with generally fair weather in the east and a low temperature.

FORECASTS

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

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ^{ly} strong winds and gales; cloudy generally.	6 { SCOTLAND WEST	SE ^{ly} winds, strong; fair to dull and some rain.
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	-----D-----D-----D-----
2 { ENGLAND N.E.	-----D-----D-----D-----	8 { ENGLAND S.W.	SE ^{ly} strong winds and gales; dull, some rain.
3 { ENGLAND EAST	Same as No 5.	9 { IRELAND NORTH	-----D-----D-----D-----
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	E ^{ly} and SE ^{ly} winds, fresh or strong; fair generally.	WARNINGS	The south cone is still up on all our coasts.

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

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

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.	
Skudesnaes	30.69	42	38	SE	6	5	Valencia	29.64	51	47	ESE	8	cm	1
Sumburgh Head							Scilly	29.77	42	46	ESE	8	c	1
Stornoway	30.44	46	34	ESE	7	6	Dover	30.13	42	38	ESE	5	6	4
Aberdeen	30.31	41	38	ESE	7	0	London	30.12	40	37	ESE	4	0	*
Shields	30.28	40	37	SE	7	0	Yarmouth	30.22	40	37	ESE	7	6	6
Ardrossan	30.14	43	42	E	6	bc	Jersey							
Mullaghmore	29.88	45	44	ESE	6	ogm	Rochefort	29.92	54	51	SE	5	0	2
Holyhead	30.00	44	42	ESE	5	eq								

REMARKS.

The barometer continues to fall slowly in the W. and SW, while it is rising in the E. and gradients for SE winds are therefore becoming steeper. Moderate or fresh gales are reported along our E², N², and SW² coasts. The weather is fair in most places. The sea is rather rough at Holyhead, moderate at Dover.

DAILY WEATHER REPORT

for Sun-day 17th February 1884.

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

† YESTERDAY EVENING.															8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.			BAROMETER.		SHADE TEMP.			WIND.			Sea (p to 2).	SHADE TEMP.												
			Dir.	Force (p 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 (p to 12)	Weather		Max.	Min.	Amount of Rainfall.										
Haparanda	30.50	11	Z	0	f	30.49	-.08	14	14	-	14	Z	0	0	38	?	-										
Hernösand ...	30.50	21	Z	0	b	30.51	-.02	14	14	-	7	Z	0	0	39	14.	-										
Stockholm ...	30.60	29	NN	2	0	30.60	-.07	30	29	+	3	Z	0	0	34	25	-										
Wisby ...	30.50	30	NN	6	0	30.49	-.10	30	30	+	2	NE	4	0	36	25	-										
Bodö ...	30.51	39	Z	0	b	30.48	-.24	37	35	-	3	E	2	0	41	36	-										
Christiansund ...	30.50	31	Z	0	0	30.46	-.19	38	27	-	5	SE	1	0	37	25	0.04										
Skudesnæs ...	30.51	36	ESE	2	b	30.46	-.16	30	29	-	1	N	1	0	41	30	-										
Oxö (Xilensund) ...	30.57	35	ESE	6	0	30.50	-.11	30	30	-	0	ENE	6	0	34	?	-										
Skagen (The Skaw)	30.61	30	ESE	2	0	30.58	-.09	30	29	-	2	ESE	2	0	34	30	-										
Fanö ...	30.49	23	ESE	6	0	30.45	-.05	30	31	-	3	ESE	6	0	36	30	-										
Cuxhaven ...	30.51	32	E	5	0	30.41	-.03	31	29	-	3	E	5	0	34	28	-										
Sumburgh Head	30.53	34	ESE	6	b	30.52	-.12	41	39	+	1	SE	6	0	45	37	-										
Stornoway ...	30.53	39	SSE	9	0	30.45	-.28	40	37	-	0	S	9	0	42	37	0.09										
Wick ...	30.52	38	ESE	3	0	30.03	-.20	38	35	-	1	ESE	1	0	43	36	-										
Nairn ...	30.52	38	ESE	3	0	30.03	-.20	38	35	-	1	ESE	1	0	43	36	-										
Aberdeen ...	30.52	37	SSE	7	0	30.10	-.25	40	37	-	0	SSE	7	0	41	37	0.03										
Leith ...	30.51	39	SE	4	0	30.01	-.24	39	37	-	0	SE	1	0	42	36	-										
Shields ...	30.55	36	SE	0	0	30.05	-.22	40	38	+	1	SE	6	0	40	34	0.05										
Spurn Head ...	30.09	37	ESE	0	0	30.03	-.18	39	38	-	0	ESE	6	0	40	36	-										
York ...	30.13	35	E	3	0	30.05	-.20	39	37	+	1	E	2	0	39	34	-										
Loughborough ...	30.04	35	ESE	5	0	29.98	-.19	37	36	+	1	ESE	4	0	37	35	-										
Ardrossan ...	30.03	39	ESE	6	0	29.95	-.21	38	38	-	0	E	2	0	44	35	-										
Mullaghnore ...	29.83	40	ESE	6	0	29.76	-.08	41	40	+	1	SE	5	0	41	36	0.04										
Donaghadee ...	29.99	39	SSE	6	0	29.89	-.31	40	38	+	1	SSE	5	0	40	36	0.06										
Parsonstown ...	29.50	37	SE	5	0	29.78	-.11	40	39	+	1	SSE	1	0	41	35	0.08										
Barrow-in-Furness	30.03	36	E	6	0	29.96	-.22	38	36	-	0	E	5	0	38	35	-										
Holyhead ...	29.90	38	SE	5	0	29.86	-.17	38	36	+	1	SE	3	0	40	30	0.07										
Liverpool (Blairstown)	29.99	37	E	5	0	29.91	-.19	37	36	-	0	ESE	4	0	38	35	0.03										
Valencia ...	29.66	40	E	4	0	29.63	-.04	44	43	-	0	ESE	3	0	30	41	0.27										
Roche's Point ...	29.71	47	SE	5	0	29.70	-.08	46	45	+	2	SE	5	0	51	40	0.65										
Pembroke ...	29.80	38	ESE	6	0	29.81	-.12	39	39	+	1	ESE	5	0	41	36	0.45										
Scilly ...	29.69	44	ESE	5	0	29.71	-.05	46	44	+	1	ESE	3	0	46	42	0.11										
Prawle Point ...	29.81	39	E	8	0	29.77	-.14	42	41	+	2	E	3	0	42	37	0.27										
Hurst Castle ...	29.89	41	ESE	6	0	29.85	-.08	41	40	+	1	ESE	5	0	47	39	0.03										
Dover ...	30.05	39	ESE	5	0	30.00	-.14	38	35	-	0	SE	5	0	41	36	-										
London ...	30.03	37	E	4	0	29.96	-.17	36	34	+	1	SE	3	0	40	34	-										
Oxford ...	30.01	37	ESE	4	0	29.93	-.19	37	35	+	3	ESE	3	0	41	34	-										
Cambridge ...	30.06	38	E	2	0	29.99	-.18	38	36	+	1	E	2	0	39	36	-										
Yarmouth ...	30.11	37	ESE	4	0	30.07	-.15	38	37	+	1	ESE	4	0	38	35	-										
The Heider ...	30.15	38	ESE	4	0	30.23	-.08	30	28	-	2	ESE	3	0	36	28	-										
Cape Griz Nez ...																											
Jersey ...																											
Brest ...	29.74	40	SE	4	0	29.70	-.07	41	40	-	3	SSE	3	0	43	37	0.08										
Lorient ...	29.73	41	ESE	4	0	29.71	-.07	43	42	+	4	E	5	0	48	37	0.16										
Rocheport ...	29.75	51	SSE	3	0	29.73	-.15	50	41	+	4	SSE	5	0	35	41	0.08										
Biarritz ...	29.71	34	NE	4	0	29.71	-.06	37	36	+	6	S	3	0	64	34	-										
Corunna ...																											
Brussels ...						30.00	-.07	31	29	+	1	ESE	7	0	39	30	-										
Charleville ...	30.00	36	ENE	3	0	29.94	-.07	36	35	+	5	ESE	1	0	39	30	-										
Paris ...	30.03	41	NNE	3	0	29.99	-.11	36	35	+	1	N	1	0			-										
Lyons ...	29.94	38	NN	1	0	29.98	-.08	44	42	+	11	SSE	4	0	44	31	-										
Toulon ...	30.11	44	SE	5	0	30.13	+.02	44	41	-	2	SE	7	0	46	43	-										
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																											
Hawes Junction	28.79	30	E	4	0	28.72	-.21	30	29	+	1	E	4	0	30	29	-										

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

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

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 3 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

Fred^r Döringerfeld Lith. London.

WEATHER CHARTS

for 8 a.m. on

Sunday 17th February

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

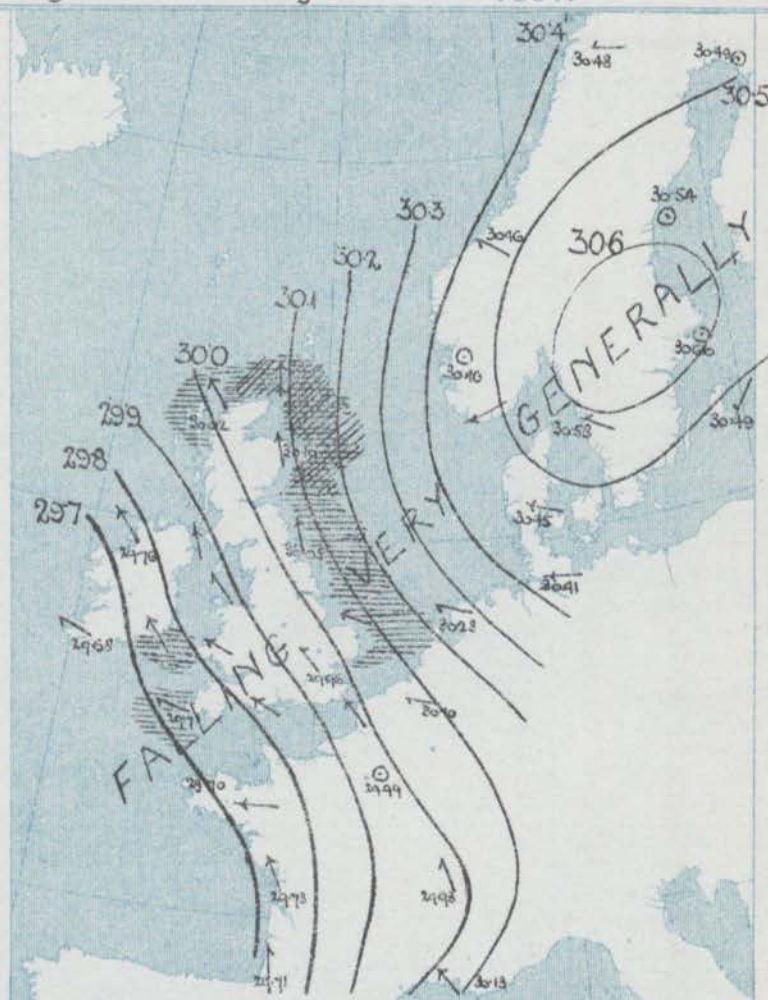
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.755
Nairn	29.773
Aberdeen	29.789
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.828
Holyhead	29.856
Liverpool	29.882
Valencia	29.879
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.954
Cambridge	29.980
Yarmouth	29.980



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.

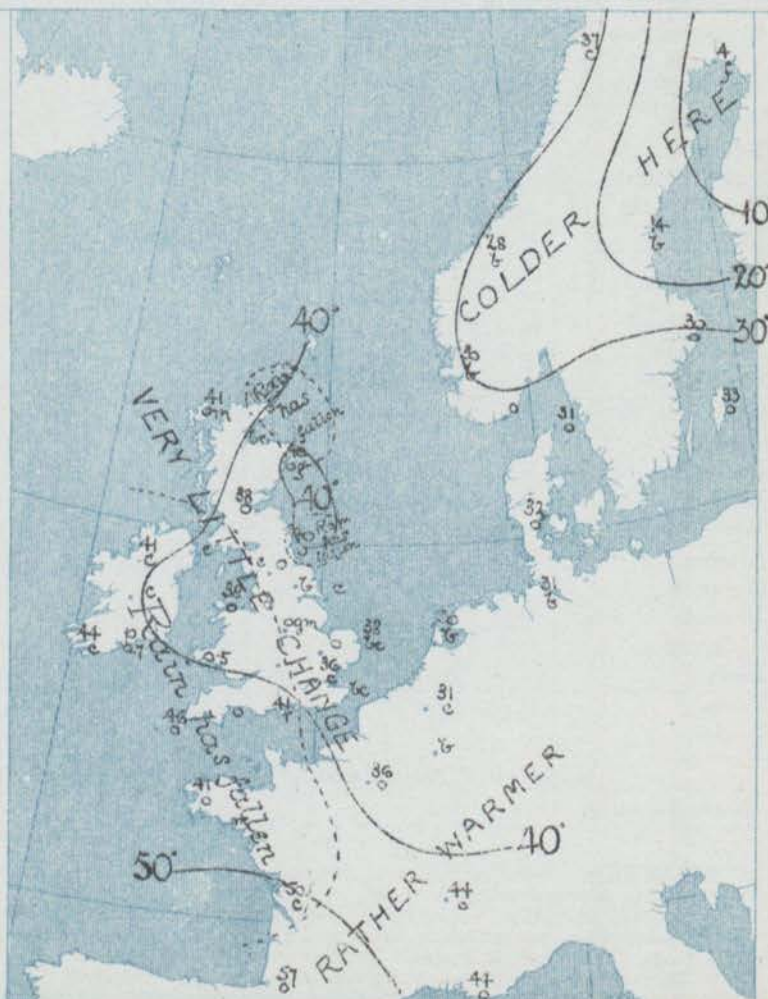
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of February.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	38.4	37.6	3.26
Stornoway	39.0	37.7	3.91
Wick	38.3	36.8	2.05
Nairn	37.2	35.4	1.42
Aberdeen	37.5	35.9	2.52
Leith	38.9	37.6	1.59
Shields	38.8	37.5	7.71
York	37.7	36.7	1.75
Ardrossan	39.9	38.1	3.33
Donaghadee	40.6	39.6	2.40
Holyhead	42.0	40.5	2.60
Liverpool	39.6	38.0	1.81
Valencia	45.2	43.4	4.60
Roche's Point	43.6	42.1	4.26
Pembroke	42.8	41.5	2.84
Scilly	46.7	45.1	2.75
Hurst Castle	40.9	40.7	2.68
Dover	39.7	38.5	2.02
LONDON	39.3	38.2	1.81
Oxford	38.7	37.6	1.92
Cambridge	37.9	36.8	1.53
Yarmouth	38.5	37.9	2.09

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 17th February

1884, at 8 a.m.

Pressure is still highest over Scandinavia, and lowest off our S.W. coasts; but as the barometer has continued to fall in the east, while it has risen slightly in the west gradients are less steep than they were. S.E. winds are still reported on all coasts; in the north and east they blow strongly, but in the west and south they are moderate or fresh in force. The weather is cloudy or overcast at all but the southern stations, with showers at Rock Point and drizzling rain at Pembroke. In the course of the past twenty-four hours rain has fallen at all the western and several of the northern stations. Lightning occurred last night at Mullaghmore. Temperature has risen slightly in most places, and readings now range from 46° at Scilly to 36° in London. The sea is high off the east of Scotland, and rough on several of the more exposed parts of our coast.

FORECASTS

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

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

WARNINGS

Issued.
None

Issued.
None

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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.58	41	37	SSE	2	c	3	Valencia	29.68	50	47	E	4	o	5
Sumburgh Head								Scilly	29.71	44	42	ESE	6	o	6
Stornoway	30.10	45	42	ESE	7	b	6	Dover	30.05	40	37	ESE	5	o	4
Aberdeen	30.29	40	38	SSE	7	r	4	London	30.04	40	35	E	4	bc	*
Shields	30.19	38	36	SE	7	o	6	Yarmouth	30.14	37	35	ESE	6	cg	6
Ardrossan	30.11	41	40	E	6	c	3	Jersey							
Mullaghmore	29.87	40	38	ESE	6	qfm	5	Rochefort	29.83	32	30	SE	5	o	2
Holyhead	29.96	40	36	ESE	6	c	5								

REMARKS.

The barometer is still falling generally, but not quickly, and the wind continues to blow a moderate gale from the SE. on our N. and NW. coasts, while in the S. it is moderating. Temperature is low generally, and the air dry.

DAILY WEATHER REPORT

for Monday 18th February 1884.

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

Issued by the Meteorological Office, No. 1, Bedford Square, London, W.1. S. 100. 1.																
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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 18th February. 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. Arrows show the prevalent winds. They fly with the wind and their bars and feathers refer to force, thus—

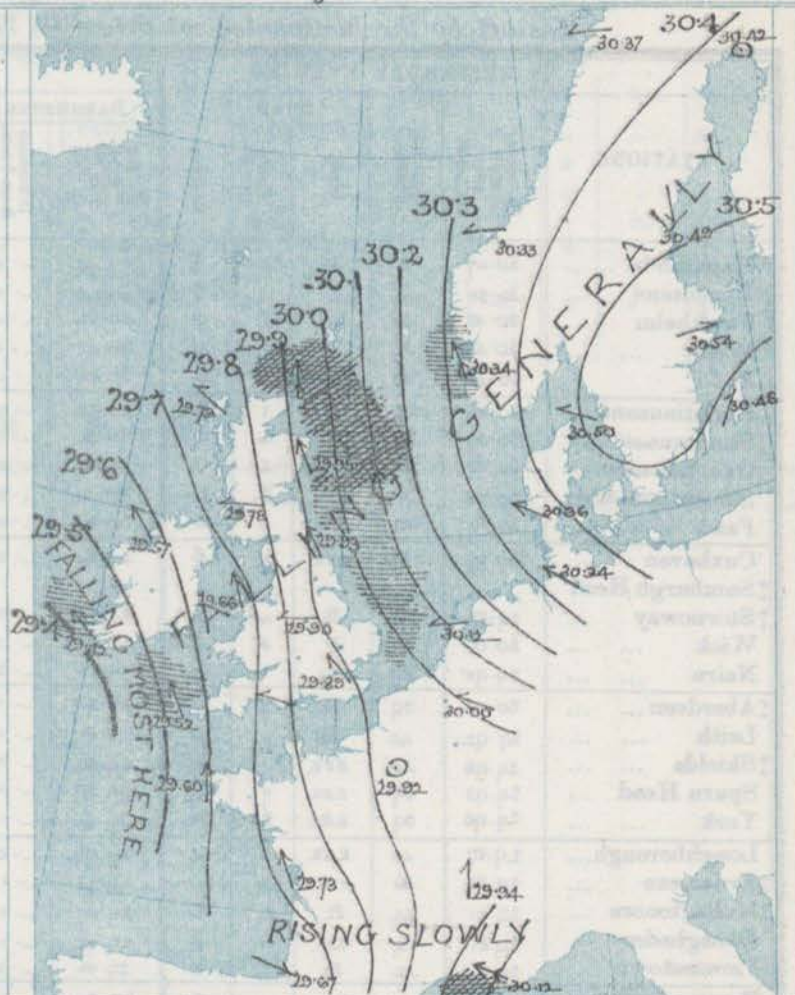
→ forces above 10; →→ forces 8 to 10;
→→ forces 5 to 7; →→ forces 1 to 4;
○ = dead calm.

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

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.786
Nairn	29.773
Aberdeen	29.789
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roches Point	29.867
Pembroke	29.867
Scilly	29.925
Hurst Castle	29.939
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



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 February.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	36.4	37.0	0.26
Stornoway	35.0	37.7	3.91
Wick	34.3	36.8	2.05
Nairn	32.2	36.9	2.42
Aberdeen	37.5	35.0	2.32
Leith	38.9	37.6	1.59
Shields	38.8	37.6	1.71
York	37.7	36.7	1.75
Ardrossan	39.9	38.1	3.33
Donaghadee	40.6	39.6	2.40
Holyhead	42.0	40.5	2.60
Liverpool	39.6	38.0	1.81
Valencia	45.2	43.1	4.69
Roches Point	33.6	42.1	9.28
Pembroke	42.8	41.5	2.89
Scilly	46.7	45.1	2.75
Hurst Castle	40.9	40.1	2.64
Dover	39.7	38.6	2.02
LONDON	39.3	38.2	1.81
Oxford	38.7	37.6	1.82
Cambridge	37.9	36.8	1.63
Yarmouth	38.6	37.9	2.69

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 Monday 18th February 1884, at 8 a.m.

The general distribution of pressure remains unaltered, readings being highest over Scandinavia and lowest in the south-west of our Islands. The barometer, however, continues to fall generally, and as the change is more decided in the west and south-west than elsewhere gradients for SEth winds are again increasing. The wind is Eth in Denmark, but SEth elsewhere, on the east coast of Great Britain it still blows with the force of a moderate gale. The weather is fine in the SE. of England and also in the N. of Norway, but cloudy or overcast elsewhere with rain at some of our western stations. In the course of the past 24 hours rain has fallen in the west and south-west of our Islands. Temperature has risen a little in most parts of the United Kingdom, and readings now range from 50° at Scilly to 34° in London. The sea is high off the east of Scotland, and rough at all the eastern and some of our western stations.

The present changes are likely to result in a further increase of gradient, and strong SEth winds or gales are probable on all but our southern coast.

FORECASTS

for the 24 hours ending at NOON on 19th February, 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE th or S th strong winds and gales, dull, probably some rain.	6 { SCOTLAND WEST	SE th strong winds and gales, dull, some rain.
1 { SCOTLAND EAST	-----D°-----D°-----D°-----	7 { ENGLAND N. W.	-----D°-----D°-----D°-----
2 { ENGLAND N. E.	-----D°-----D°-----D°-----	8 { ENGLAND S. W.	-----D°-----D°-----D°-----
3 { ENGLAND EAST	SE th winds, strong to a gale; fair generally.	9 { IRELAND NORTH	-----D°-----D°-----D°-----
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	SE th winds, fresh and gusty; fair generally.	WARNINGS	The south cone has been hoisted this morning in all districts excepting 4, 5 and part of 3.

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	30.14	39	38	SE	6	6	Valencia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	29.76	56	58	SE	5	0
Holyhead													2

REMARKS.

Summary of Changes in the Weather
over the
British Islands and their Neighbourhood
from the 10th to the 16th Feb^y 1884

during this period we have witnessed a gradual but important change in the weather over NW Europe. The week commenced with pressure varying from about 30.2 in. over the SE. of France and 30.0 in. in the neighbourhood of Marseilles to about 28.6 in. off the NW. of Scotland. The type of weather was therefore SH^y, the gradients over our islands were steep, & the SH^y winds strong to a gale in force.

Notwithstanding the fact that the winds were SW^y, a considerable fall of snow and hail took place in the N., a smaller fall in the S. and E., and temperature fell decidedly. Pressure now began to recover, more in the N. and E. than elsewhere; the type of pressure distribution consequently became more S^y (the winds still blowing hard) and temperature rose. By the 13th the wind was S^y (and moderate) all over the Kingdom; but as the barometer continued to rise in the NE. while it fell in the S. and SH., the wind gradually drew into SE. on all our coasts.

On the evening of the 14th a depression approached the SW. Station from the Atlantic, and as a decided anticyclone had been formed over Scandinavia the SE^y winds soon increased to a gale very generally, the air became cold and piercing, and the sea rose quickly. No great change occurred subsequently - but the gales were ^{very} strong in the N.

DAILY WEATHER REPORT

for *Tues day* 19th February 1884.

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

Issued by the Meteorological Office, 10, Victoria Street, London, W. H. 50011, Secretary.																			
STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 p.m. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.					
			Dir.	Force. (0 to 12)		Reading at 3 p.m. 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	30.22	14	Z	0	b	30.17	-.25	17	17	+	16	Z	0	c	*	?	1	-	
Hernösand ...	30.25	8	Z	0	b	30.23	-.26	12	12	-	4	Z	0	f	*	25	5	-	
Stockholm ...	30.44	26	W	4	0	30.30	-.24	24	24	-	4	W	2	f	*	32	?	-	
Wisby ...	30.39	32	W	4	0	30.28	-.20	28	28	-	4	W	4	0	*	36	?	-	
Bodö ...	30.29	30	E	2	b	30.13	-.24	27	25	-	2	ENE	2	b	*	32	25	-	
Christiansund ...	30.24	31	Z	0	b	30.13	-.20	28	27	-	1	Z	0	m	2	39	23	-	
† Skudesnaes ...	30.27	27	SSE	6	b	30.13	-.21	35	31	-	1	E	4	b	4	41	?	-	
Oxö (Xiansund) ...	30.36	24	ESE	6	0	30.26	-.21	30	31	-	0	ENE	6	0	2	24	30	0.08	
Skagen (The Skaw)	30.42	36	SSE	3	0	30.30	-.20	29	27	-	2	ESE	3	0	2	34	28	-	
Fanö ...	30.25	31	ESE	6	b	30.08	-.28	31	31	+	1	ESE	6	b	*	36	25	-	
Cuxhaven ...	30.24	30	ESE	5	b	30.05	-.29	30	30	+	2	SE	4	b	*	?	25	-	
† Sumburgh Head																			
† Stornoway ...	29.65	45	ESK	4	cp	29.58	-.15	44	42	+	2	SE	5	0	4	50	41	0.04	
Wick ...	29.88	40	S	7	c	29.76	-.16	41	38	-	0	S	8	c	9	41	39	-	
Nairn ...	29.78	40	SE	1	b	29.72	-.11	38	35	-	4	ESE	1	b	1	45	35	-	
† Aberdeen ...	29.92	40	SSE	7	cp	29.82	-.13	41	38	-	0	SSE	6	0	7	42	39	-	
Leith ...	29.82	38	SE	1	0	29.75	-.12	36	34	-	2	SE	3	b	*	42	32	-	
† Shields ...	29.89	39	SE	6	c	29.81	-.12	39	38	-	1	SSE	3	0	6	42	35	-	
Spurn Head ...	29.87	39	SE	6	b	29.80	-.13	40	39	+	1	ESE	4	b	4	40	37	-	
York ...	29.84	38	E	3	b	29.82	-.12	35	35	-	2	E	1	f	*	45	31	-	
Loughborough ...	29.82	37	E	2	b	29.76	-.14	36	36	+	1	E	1	ogm	*	45	35	0.02	
† Ardrossan ...	29.72	42	ENE	14	0	29.66	-.12	39	39	-	1	ENE	3	omw	2	44	35	0.04	
† Mullaghmore ...	29.47	45	SE	5	c	29.44	-.16	42	47	+	3	SE	5	pg	4	49	44	0.07	
Donaghadee ...	29.65	44	SSE	6	0	29.59	-.13	42	41	-	0	S	6	0	4	47	39	0.19	
Parsonstown ...	29.49	48	SE	2	0	29.46	-.10	48	45	+	1	SSE	1	0	*	50	46	0.10	
Barrow-in-Furness	29.74	41	ESE	4	0	29.69	-.12	38	36	-	0	NE	4	0	4	42	34	0.07	
Holyhead ...	29.62	45	SSE	2	r	29.58	-.08	46	45	+	6	SSE	2	c	3	47	40	0.22	
Liverpool (Bidston)	29.73	42	E	5	0	29.67	-.12	37	36	-	0	ESE	4	r	3	44	35	0.03	
Valencia ...	29.84	50	ESE	7	og	29.40	-.02	47	46	-	1	SSE	4	om	4	52	40	0.09	
Roche's Point ..	29.69	48	SSE	5	c	29.45	-.05	48	47	-	0	SSE	5	0	4	51	46	0.20	
Pembroke ...	29.60	44	ESE	5	r	29.57	-.07	45	45	+	2	ESE	4	dm	3	45	42	0.36	
† Scilly ...	29.51	50	SSE	5	0	29.52	-.01	50	50	-	0	S	5	c	5	54	49	0.03	
Prawle Point ...	29.66	47	SE	4	0	29.62	-.06	48	48	+	1	SE	4	0	4	48	45	0.06	
Hurst Castle ...	29.75	43	ESE	4	c	29.70	-.10	47	47	+	5	SSE	3	c	3	48	41	0.20	
† Dover ...	29.86	40	SE	3	b	29.79	-.12	45	45	+	9	SH	3	or	2	46	35	0.06	
† London ...	29.83	36	SE	3	bm	29.77	-.12	40	40	+	6	SE	1	r	*	45	33	0.12	
Oxford ...	29.59	37	E	2	c	29.74	-.11	41	40	+	6	ESE	1	r	*	44	35	0.22	
Cambridge ...	29.86	35	ESE	1	b	29.78	-.14	39	39	+	4	SSE	1	0	*	46	29	0.06	
† Yarmouth ...	29.91	39	SE	7	b	29.82	-.15	40	40	+	2	SE	4	fd	5	40	36	-	
The Helder ...	30.02	35	ESE	3	b	29.91	-.21	33	32	+	4	ESE	1	c	1	37	28	-	
Cape Griz Nez...	29.85	37	ESE	5	b	29.82	-.09	45	43	+	13	S	5	r	4	?	?	0.25	
† Jersey ...																			
Brest ...	29.58	50	SSE	5	0	29.58	-.02	49	48	-	1	SSE	1	r	5	50	48	0.39	
Lorient ...																			
† Rochefort ...	29.75	54	SSE	7	0	29.56	+.07	50	47	+	8	SSE	8	r	4	59	45	-	
Biarritz ...	29.72	60	S	4	bc	29.76	+.09	60	51	+	1	S	5	bc	2	64	57	-	
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*	29.71	-.29	42	42	+	14	S	4	r	*	43	?	0.04	
Charleville ...	29.93	36	S	4	0	?	?	39	39	+	10	SE	4	r	*	?	?	0.16	
Paris ...	29.89	42	E	1	0	29.97	+.05	44	42	+	9	SE	1	m	*	*	*	0.04	
Lyons ...																			
Toulon ...	30.16	40	ESE	9	0	30.27	+.15	39	36	-	2	ESE	9	0	7	41	36	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.56	33	E	3	b	28.57	-.10	32	32	-	0	NE	0	5	*	37	27	0.04	

EXPLANATION OF COLUMNS.

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

† 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, 19th February, 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

→ = forces 5 to 7; → = forces 1 to 4;

○ = dead calm.

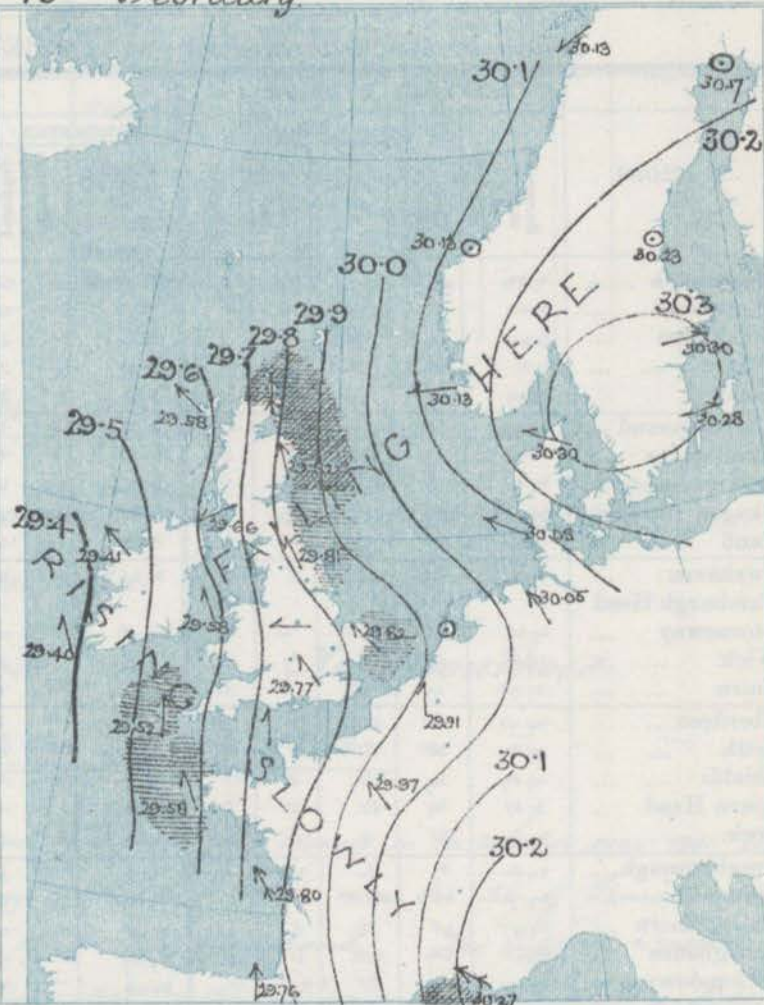
Sea Disturbance—where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sunbury Head	29.731
Stornoway	29.729
Wick	29.766
Nairn	29.773
Aberdeen	29.789
Leith	29.821
Shields	29.857
York	29.888
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.975
Hurst Castle	29.935
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



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 February.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sunbury Head	38.4	37.6	3.26
Stornoway	33.0	37.7	3.91
Wick	38.3	36.8	2.05
Nairn	37.2	36.4	1.22
Aberdeen	37.5	35.9	2.32
Leith	38.9	37.6	1.59
Shields	38.8	37.5	1.71
York	37.7	36.7	1.76
Ardrossan	33.9	38.1	3.33
Donaghadee	40.6	39.6	2.40
Holyhead	42.0	40.5	2.60
Liverpool	39.6	38.0	1.81
Valencia	45.2	43.4	4.60
Roche's Point	43.6	42.1	4.26
Pembroke	42.8	41.5	2.84
Scilly	46.7	45.1	2.25
Hurst Castle	40.9	40.1	2.58
Dover	39.7	38.6	2.07
LONDON	38.3	38.2	1.81
Oxford	36.7	37.6	1.92
Cambridge	37.9	36.8	1.53
Yarmouth	38.5	37.9	2.09

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 19th February* 1884, at 8 a.m.

In the course of the past 24 hours the barometer has fallen at all but our south-western and the Irish stations, where a slight rise has taken place. The high pressure area over Scandinavia appears to be gradually breaking up, and gradients over Western Europe are less steep than they were yesterday. SE winds are still reported from all the N^o and E^o stations, but in the South and Southwest the wind has veered to the southward. At Wick there is a fresh gale. The weather is fine in some parts of Scotland, but cloudy or overcast elsewhere with rain over England and France. Temperature has fallen a little in the N.E. but risen several degrees in the S.; readings now range from 50° at Scilly to 35° at York. The sea is very high at Wick, and rough on the E. coasts of Great Britain as well as at Scilly.

The present changes seem to indicate that a gradual alteration in the distribution of pressure may be expected, and that milder weather will prevail for a ^{long} time, at least in England.

FORECASTS

for the 24 hours ending at NOON on 20th Feb^y 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ^y strong winds or gales; changeable, probably some cold rain	6 { SCOTLAND WEST	Same as N ^o 2 & 3
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	Same as N ^o 2 & 3
2 { ENGLAND N.E.	SE ^y winds, moderate or fresh; unsettled, some rain	8 { ENGLAND S.W.	SE ^y winds, fresh, unsettled, some showers
3 { ENGLAND EAST	-----D-----D-----D-----	9 { IRELAND NORTH	-----D-----D-----D-----
4 { MIDLAND COUNTIES	Same as N ^o 5	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	SE ^y or S ^y winds, moderate; mild; changeable, some rain	WARNINGS.	The South Cone has been lowered this morning in all districts excepting N ^o 0 and 1

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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.21	41	36	SSE	6	b	5	Valencia	29.37	51	49	SSE	6	cm	6
Sumburgh Head								Sally	29.53	53	51	S	4	c	4
Stornoway	29.70	50	47	SE	4	b	3	Dover	29.80	38	25	ESE	4	b	3
Aberdeen	29.96	41	38	SSE	7	0	7	London	29.24	42	38	ESE	4	b	4
Shields	29.90	42	39	SE	7	c	6	Yarmouth	29.93	38	26	ESE	6	b	6
Ardrossan	29.73	42	41	E	3	0	2	Jersey							
Mullaghmore	29.47	47	46	SE	5	pg	4	Rochefort	29.83	57	53	SSE	7	c	2
Holyhead	29.64	44	43	SE	3	r	3								

REMARKS.

The barometer has begun to rise again at Silly and Rochefort, but continues to fall elsewhere. The winds and weather are very little changed. Sea is slight at Holyhead and Dover.

DAILY WEATHER REPORT

for Wednesday 20th February 1884.

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

† YESTERDAY EVENING.						3 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)		Weather.	Max.		Min.	
Haparanda	30.05	9	Z	0	s	29.95	-.22	10	10	-	7	Z	0	b	19	9	-	
Hernösand ...	30.11	15	Z	0	b	29.98	-.25	14	14	+	2	Z	0	o	25	1	-	
Stockholm ...	30.10	22	SH	2	b	29.95	-.35	22	21	-	2	NE	2	f	26	21	-	
Wisby ...	30.15	29	SH	4	b	29.93	-.35	24	23	+	6	SH	4	o	?	27	-	
Bodö	30.03	29	E	2	b	29.88	-.25	30	26	+	3	ESE	2	b	30	25	-	
Christiansund ...	29.97	32	E	2	b	29.84	-.29	27	26	-	1	E	1	b	39	23	-	
† Skudesnaes ...	29.96	37	SSE	6	b	29.86	-.27	34	32	-	1	ESE	4	bc	43	24	-	
Oxö, (Christiansund) ...	29.99	28	NE	6	o	29.92	-.34	29	28	-	3	NNE	4	o	24	28	-	
Skagen (The Skaw) ...	30.04	35	SE	3	b	29.89	-.41	24	24	+	5	E	3	o	?	27	0.04	
Fanö ...	29.90	35	S	4	r	29.87	-.21	39	39	+	8	SH	2	o	39	30	0.32	
Cuxhaven ...	29.89	39	SSE	2	bc	29.94	-.11	40	40	+	10	SW	1	c	44	27	0.02	
† Sumburgh Head																		
† Stornoway ...	29.81	45	SE	4	o	29.85	-.23	44	43	-	0	SSE	5	o	46	42	0.04	
Wick ...	29.67	40	S	8	o	29.47	-.29	42	41	+	1	S	3	b	42	39	0.16	
Nairn ...	29.61	41	SE	1	bc	29.45	-.27	40	38	+	2	Z	0	bc	46	28	0.05	
† Aberdeen ...	29.72	41	SSE	6	o	29.84	-.28	42	42	+	1	S	2	o	43	40	0.43	
Leith ...	29.63	40	SE	2	o	29.63	-.22	45	43	+	9	S	1	cm	45	34	0.05	
† Shields ...	29.69	42	SSW	3	o	29.63	-.18	42	42	+	4	SH	3	cm	43	38	0.01	
Spurn Head ...	29.71	41	SE	3	o	29.74	-.06	43	42	+	3	S	4	bc	44	40	-	
York ...	29.71	42	ESE	1	m	29.69	-.13	42	42	+	8	S	1	b	45	35	0.01	
Loughborough ...	29.69	40	SSE	1	o	29.70	-.03	44	42	+	8	SH	3	b	46	36	0.06	
† Ardrossan ...	29.59	42	ENE	1	rm	29.47	-.19	42	43	+	4	SE	3	b	43	38	0.40	
† Mullaghmore ...	29.39	47	S	4	bc	29.17	-.24	41	40	-	7	SSE	7	pgg	51	35	0.36	
Donaghadee ...	29.50	44	S	5	o	29.44	-.15	42	41	+	1	SSW	5	b	45	40	0.82	
Parsonstown ...	29.46	45	S	1	r	29.30	-.16	42	41	-	5	SSE	3	og	54	39	0.09	
Barrow-in-Furness	29.63	42	ESE	2	o	29.61	-.02	42	41	+	4	SE	5	bc	44	37	0.17	
Holyhead ...	29.56	47	S	2	o	29.54	-.02	45	43	-	1	S	5	c	47	42	0.21	
Liverpool (Bidston) ...	29.63	43	ESE	3	T	29.63	-.04	42	40	+	5	SSE	3	b	45	37	0.07	
† Valencia ...	29.42	45	SSW	2	bc	29.26	-.14	45	42	-	2	SSW	7	cm	48	42	0.34	
Roche's Point ...	29.46	48	SSE	5	c	29.35	-.10	45	44	-	3	SH	5	c	52	42	0.30	
Pembroke ...	29.57	46	SSE	3	o	29.56	-.01	47	44	+	2	S	6	o	47	45	0.19	
† Scilly ...	29.54	47	S	6	op	29.59	+.07	48	47	-	2	SSW	8	r	50	44	0.07	
Prawle Point ...	29.68	47	SSE	4	c	29.77	+.17	47	44	-	1	SSW	5	bc	49	42	0.05	
Hurst Castle ...	29.72	47	SSW	4	r	29.85	+.15	47	45	-	0	SSW	6	bc	49	45	0.45	
† Dover ...	29.81	48	SSW	3	bc	29.88	+.09	47	46	+	2	WSW	4	b	48	45	0.42	
† London ...	29.76	48	S	2	cd	29.85	+.08	47	45	+	7	S	2	b	50	39	0.03	
Oxford ...	29.71	47	SE	3	r	29.81	+.07	44	43	+	3	S	2	b	48	41	0.09	
Cambridge ...	29.75	46	SE	1	o	29.82	+.07	45	44	+	6	S	1	c	49	38	0.05	
† Yarmouth ...	29.79	45	SSW	3	f	29.85	+.03	46	45	+	6	SSW	3	bcm	46	39	0.02	
The Helder ...	29.87	41	SSE	1	o	29.90	-.01	45	38	+	10	S	1	c	43	?	-	
Cape Griz Nez ...	29.83	48	S	5	o	29.93	+.11	46	45	+	1	S	5	bc	52	45	-	
† Jersey ...																		
Brest ...	29.63	50	S	5	r	29.84	+.26	48	46	-	1	SH	5	b	50	45	0.16	
Lorient ...	?	49	SSW	4	bc	29.97	+.34	48	44	-	2	WSW	7	b	54	43	0.16	
† Rochefort ...	29.84	51	SSE	8	r	30.04	+.24	48	47	-	2	WSW	4	o	55	41	0.63	
Biarritz ...	29.85	55	S	4	r	30.08	+.32	51	?	-	9	NW	7	o	66	46	0.29	
Corunna ...	*	*	*	*	*													
Brussels ...	*	*	*	*	*	29.99	+.08	45	43	+	2	SSW	4	o	50	?	-	
Charleville ...	29.97	46	ESE	5	bc	30.04	?	40	36	+	1	SSE	5	r	50	31	0.04	
Paris ...	29.99	48	S	1	o	30.09	+.12	47	46	+	3	S	3	r	*	*	0.04	
Lyons ...	30.08	44	S	8	bc	30.15	+.08	41	36	-	1	S	1	o	49	41	-	
Toulon ...	?	?	?	?	?	30.28	+.01	42	39	+	3	SE	8	o	46	37	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.43	37	NE	2	p	28.43	-.11	40	39	-	5	S	2	o	42	22	0.20	

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 3 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 20TH FEBRUARY, 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

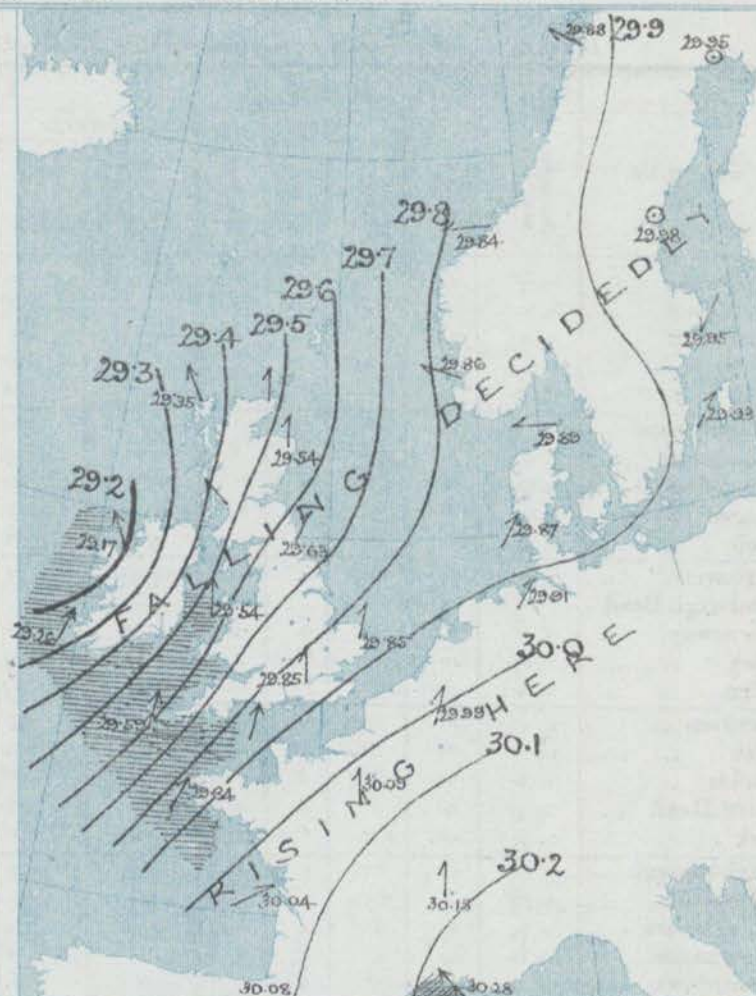
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.731
Stornoway.	29.729
Wick.	29.758
Nairn.	29.773
Aberdeen.	29.793
Leith.	29.821
Shields.	29.857
York.	29.886
Ardrossan.	29.837
Donaghadee.	29.829
Holyhead.	29.855
Liverpool.	29.882
Valencia.	29.870
Roches Point.	29.867
Pembroke.	29.887
Scilly.	29.925
Hurst Castle.	29.938
Dover.	29.946
LONDON.	29.991
Oxford.	29.934
Cambridge.	29.930
Yarmouth.	29.920



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.

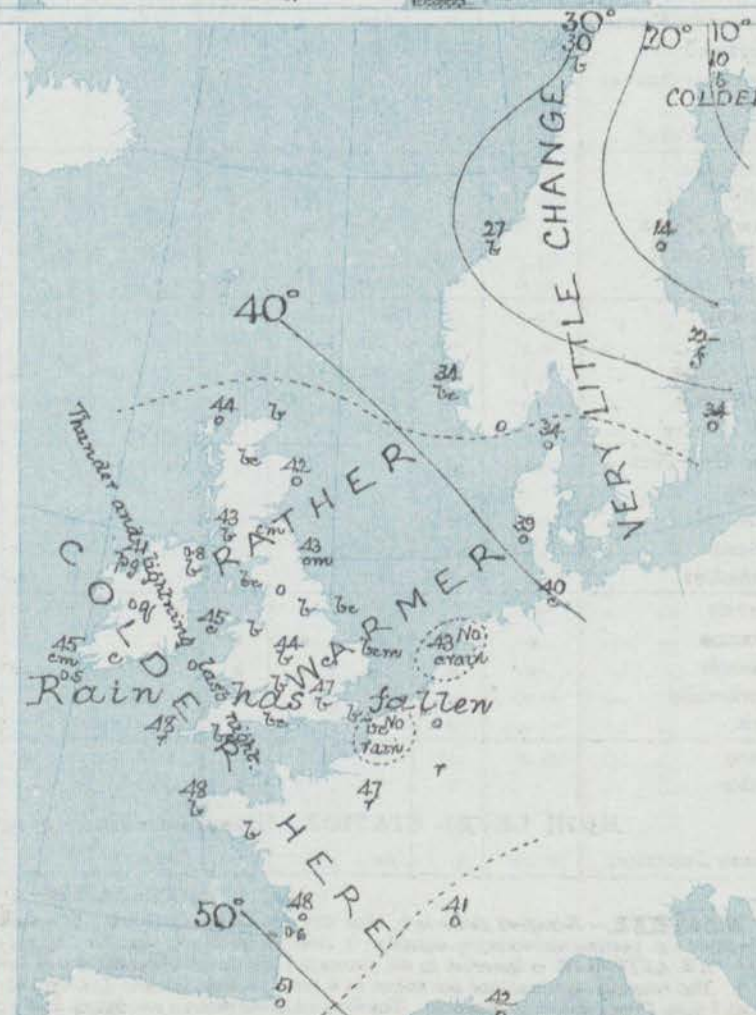
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of February.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	38.4	37.6	3.26
Stornoway.	39.0	37.7	0.91
Wick.	38.3	36.8	2.05
Nairn.	37.2	36.1	1.42
Aberdeen.	37.5	35.8	3.32
Leith.	38.9	37.6	1.59
Shields.	38.8	37.5	1.71
York.	37.7	36.7	1.76
Ardrossan.	38.0	36.1	3.33
Donaghadee.	40.6	38.6	2.40
Holyhead.	42.0	40.5	2.60
Liverpool.	39.6	38.0	1.37
Valencia.	45.2	40.4	4.60
Roches Point.	42.0	41.1	1.78
Pembroke.	42.6	41.5	2.84
Scilly.	46.7	45.1	2.75
Hurst Castle.	40.9	40.1	2.58
Dover.	38.7	36.6	2.07
LONDON.	39.3	38.2	1.81
Oxford.	38.7	37.6	1.92
Cambridge.	37.8	36.8	1.63
Yarmouth.	38.2	37.9	2.09

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



REMARKS.

for Wednesday 20th February 1884, at 8 a.m.

The area of high pressure recently existing over Scandinavia appears to have given way entirely, while the barometer has risen decidedly over France, so that gradients for SE winds have been replaced by those for S^W or SW winds.

A depression is lying off the west of Ireland and the barometer is falling rather briskly on our N^W & N^E coasts. S^W or SW winds prevail generally, and vary in force from a light or moderate breeze on the E. coasts of Great Britain to a moderate gale on the W. of Ireland. The weather is fine in Scotland & the greater part of England, but cloudy or overcast elsewhere with showers at Mullaghmore, and rain at Charlestown and Larne. In the course of the past 24 hours rain has fallen generally. A thunderstorm occurred at Mullaghmore yesterday and lightning was seen at several of our W^W stations. Temperature has fallen a little in Ireland & the W. of France but risen elsewhere; readings now range from 48° at Scilly to 40° at Narvik. The sea is rough on our W & SW coasts, moderate to smooth elsewhere.

The depression in the W. will probably move N^W, but further disturbances are likely to appear on our coasts, so that S^W or SW winds with mild changeable weather will continue for a time.

FORECASTS

for the 24 hours ending at NOON on 21st Feb^y 1884.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	S ^W winds, freshening; fair to unsettled and showery	6 SCOTLAND WEST	S ^W winds, fresh & strong; changeable, some showers
2 SCOTLAND EAST	-----D-----D-----D-----	7 ENGLAND N.W.	-----D-----D-----D-----
3 ENGLAND N.E.	S ^W and SW ^W winds, moderate; changeable, some showers	8 ENGLAND S.W.	S ^W and SW ^W winds, strong; unsettled, rain at times
4 ENGLAND EAST	Same as N ^o 5	9 IRELAND NORTH	-----D-----D-----D-----
5 MIDLAND COUNTIES	Same as N ^o 5	10 IRELAND SOUTH	-----D-----D-----D-----
6 ENGLAND SOUTH	SW ^W winds, moderate or fresh; fair generally, but perhaps some showers	WARNINGS	None Issued

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	30.04	47-	37	NNE	3	6	4	Valencia	29.41	46	45	NNE	3	0	2
Sumburgh Head								Scilly	29.54	52	50	S	6	0	6
Stornoway	29.55	46	44	ESE	4	5m	4	Dover	29.50	46	45	S	3	dep	2
Aberdeen	29.78	44	39	SSE	6	0	7	London	29.75	50	48	SSE	2	5m	*
Shields	29.74	42	40	S	4	0	5	Yarmouth	29.79	43	43	SSE	3	f	3
Ardrossan	29.60	42	42	ENE	2	r	2	Jersey							
Mullaghmore	29.41	45	40	SH	5	ph	4	Rochefort	29.82	51	49	SSE	6	r	5
Holyhead	29.37	46	45	S	2	r	2								

REMARKS.

The barometer continues to fall in the E. but is inclined to rise a little in the W. The wind has veered to the SW^W at Valencia and Mullaghmore. Cloudy weather prevails in most places and fog is reported at Yarmouth.

DAILY WEATHER REPORT

for *Thursday, 21st February 1884.*

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

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 3 p.m. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.					
			Dir.	Force. (0 to 12)		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Max.	Min.	Amount of Rainfall.			
Haparanda	29.85	22	S	2	0	29.86	-.09	15	15	+ 5	N	2	6c	28	9	0.04			
Hernösand ...	29.89	8	2	0	0	29.95	-.03	11	11	- 3	2	0	0	23	5	-			
Stockholm ...	29.91	22	N	2	0	29.97	+ .02	17	17	- 5	S	2	0	23	1	-			
Wisby ...	29.89	32	NW	6	1	29.94	+ .01	27	26	- 7	NNW	4	0	26	27	0.08			
Bodö ...	29.82	29	E	2	0	29.87	-.01	27	25	- 3	SSW	2	0	25	25	-			
Christiansund ...	29.77	29	ESE	1	0	29.77	-.07	35	32	+ 8	ESE	2	0	24	25	-			
Skudesnæs ...	29.82	40	SE	8	0	29.76	-.10	45	40	+ 11	SE	8	0	2	24	-			
Oxö (Ålansand) ...	29.92	30	NW	2	0	29.94	+ .02	35	34	+ 6	?	1	1	2	?	-			
Skagen (The Skaw) ...	29.97	34	2	0	0	29.97	+ .08	35	35	+ 1	WSW	2	1	36	30	-			
Fanö ...	29.98	40	WSW	2	1	29.91	+ .10	37	37	- 2	SSW	4	1	43	36	-			
Cuxhaven ...	29.96	38	SSW	1	0	30.01	+ .07	41	41	+ 1	S	1	m	?	35	-			
Sumburgh Head ...																			
Stornoway ...	29.22	42	S	6	0	29.76	-.59	39	39	- 5	SW	8	1	46	37	0.33			
Wick ...																			
Nairn ...																			
Aberdeen ...	29.45	43	S	6	0	29.33	-.21	44	37	- 1	SW	8	6c	47	40	0.04			
Leith ...	29.42	48	SE	2	m	29.37	-.16	41	37	- 4	SW	6	0	51	39	0.07			
Shields ...	29.34	50	SSW	6	0	29.24	-.09	41	38	- 7	SW	4	m	50	39	0.05			
Spurn Head ...	29.70	41	S	5	0	29.66	-.08	43	42	0	SSW	4	0	49	40	0.05			
York ...	29.64	50	S	4	0	29.63	-.06	41	39	- 2	S	1	0	51	40	0.08			
Loughborough ...	29.70	49	S	6	0	29.65	-.08	41	39	- 3	SW	3	0	53	41	0.07			
Ardrossan ...																			
Mullaghmore ...	29.15	40	SSW	5	1	29.23	+ .06	37	35	- 4	SSW	6	0	45	36	0.96			
Donaghadee ...	29.24	43	S	4	1	29.37	-.06	37	35	- 6	SW	3	0	49	36	0.52			
Parsonstown ...	29.08	45	S	3	1	29.35	+ .05	36	35	- 7	S	1	0	48	44	0.61			
Barrow-in-Furness ...	29.46	42	S	5	1	29.51	-.10	41	39	- 1	SSW	5	0	48	39	0.08			
Holyhead ...	29.38	48	S	5	1	29.47	-.07	44	41	- 1	SSW	5	0	49	40	0.87			
Liverpool (Bidston) ...	29.51	47	SE	5	1	29.56	-.07	37	35	- 5	SSW	3	0	50	37	0.08			
Valencia ...	29.03	37	NNW	2	1	29.28	+ .02	42	39	- 3	SW	6	0	49	34	1.07			
Roche's Point ...	29.12	45	SSW	2	1	29.37	+ .02	41	40	- 4	SW	6	0	52	36	0.85			
Pembroke ...																			
Scilly ...	29.48	51	SSW	8	0	29.60	+ .01	48	44	0	SW	8	0	53	43	0.18			
Prawle Point ...	29.71	49	S	8	m	29.69	-.10	46	44	- 1	SSW	4	0	49	45	0.10			
Hurst Castle ...	29.82	48	SSW	8	ed	29.72	-.13	45	43	- 2	SSW	5	1	50	43	0.21			
Dover ...	29.93	46	SW	3	0	29.84	-.04	46	45	- 1	SSW	7	0	44	45	0.16			
London ...	29.85	49	SSW	4	0	29.76	-.09	44	43	- 3	S	3	1	54	44	0.15			
Oxford ...	29.74	48	SW	7	0	29.71	-.10	44	43	0	SW	3	0	52	44	0.02			
Cambridge ...	29.81	48	S	3	0	29.74	-.08	45	44	0	S	2	0	54	43	0.11			
Yarmouth ...	29.88	46	SSW	3	0	29.78	-.07	45	43	- 1	SSW	5	0	52	43	0.03			
The Helder ...	29.99	39	SSW	1	0	29.91	+ .01	38	37	- 5	S	3	0	46	37	-			
Cape Griz Nez ...	29.95	47	S	4	0	?	?	44	43	2	S	7	1	50	41	0.32			
Jersey ...																			
Brest ...	29.78	51	SW	8	m	29.64	-.15	48	46	0	SW	3	0	52	45	0.32			
Lorient ...	29.98	50	SSW	8	m	29.81	-.16	49	49	+ 1	SW	8	1	54	39	0.08			
Rocheport ...	30.09	51	SW	4	0	29.96	-.08	45	45	- 3	S	8	0	57	39	-			
Biarritz ...	30.13	52	NW	3	0	30.04	-.04	44	44	- 2	S	5	0	61	41	-			
Corunna ...																			
Brussels ...						29.96	-.03	42	37	- 3	S	5	0	50	?	-			
Charleville ...	30.12	45	S	4	0	30.06	+ .02	40	37	0	S	4	0	?	37	-			
Paris ...	30.14	50	SE	3	0	30.02	-.07	44	41	- 3	SE	1	0	?	?	-			
Lyons ...	30.19	45	S	1	0	30.19	+ .04	35	33	- 6	SE	1	0	51	35	-			
Toulon ...	30.28	45	SE	8	0	30.28	+.00	42	39	0	E	7	0	50	39	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.36	44	S	1	0	28.34	-.06	34	33	- 6	S	3	0	45	33	0.19			

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 Thursday, 21st February, 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sambargh Head	29.431
Stormway	29.729
Wick	29.766
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Ballyhead	29.835
Liverpool	29.867
Valencia	29.870
Roches Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



REMARKS.

for Thursday 21st February 1884. at 8 a.m.

YESTERDAY'S REPORTS AND REMARKS

In the course of the past night a deep depression appears to have travelled in a Nth or NNEth direction along the west coast of Ireland and Scotland, occasioning a brisk fall of the barometer in all parts of the Kingdom. The centre of the disturbance is now lying near the Hebrides, and a recovery of pressure has set in at most of our western and northern stations, but in the south-east the barometer still falls. The wind is SWth or Sth on all coasts, and varies in strength from a moderate breeze in the east and south-east to a strong breeze in the west and a fresh gale in the north. In the course of the night a whole gale has been experienced on many parts of our western and northern coast, and a fresh gale in the east and south. The weather is fair at many of the northern and eastern stations, but unsettled and rainy in the west and south. Since yesterday rain has fallen generally, the largest amounts being 1.4 ins. at Valencia, and 0.9 in. at Middegkinnore. Temperature has fallen in all places; and readings range from 48° at Scilly to 36° at Banmawr. The sea is high and rough, and is running from many other parts of our coast.

The depression in the neighbourhood of the Hebrides will probably continue to travel away in a Nth direction but the general appearance is very unsettled, and it is not improbable that further disturbances will shortly appear on our west coast.

FORECASTS

for the 24 hours ending at NOON on 22nd February. 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S th and SW th winds, strong, a gale at times, unsettled, some rain.	6 { SCOTLAND WEST	S th winds, strong, fair to unsettled, some rain.
1 { SCOTLAND EASTD.....D.....D.....	7 { ENGLAND N.W.D.....D.....D.....
2 { ENGLAND N.E.	SW th winds, fresh; changeable, some showers.	8 { ENGLAND S.W.	SW th and S th strong winds and gales; unsettled, rain at times.
3 { ENGLAND EASTD.....D.....D.....	9 { IRELAND NORTHD.....D.....D.....
4 { MIDLAND COUNTIESD.....D.....D.....	10 { IRELAND SOUTHD.....D.....D.....
5 { ENGLAND SOUTH	SW th winds, fresh; unsettled, rainy to fair.	WARNINGS	The S. cone was hoisted yesterday on all coasts, but has been lowered this morning in districts 3, 5 and part of 2.

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.													
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.83	87	34	WSE	4	0	4	Valencia	29.23	49	48	S	5
Sumburgh Head								Scilly	29.55	53	51	SSW	8
Stornoway	29.22	45	43	SSW	5	0	4	Dover	29.93	48	46	WSE	4
Aberdeen	29.49	44	42	S	6	0	5	London	29.87	53	46	S	5
Shields	29.59	49	44	SW	6	2	3	Yarmouth	29.87	50	46	SSW	4
Ardrossan	29.38	44	44	S	5	0	4	Jersey					
Mullaghmore	29.24	44	41	SSW	6	0	5	Rochefort	30.09	53	50	SW	4
Holyhead	29.47	47	46	S	5	0	5						

REMARKS.

The barometer continues to fall at all but our SE² and the French stations, and gradients over our islands are becoming rather steep. Fresh or strong S winds prevail generally, with fine weather in the SE. of England, but unsettled, showery weather in most other localities. The sea is rather rough at Holyhead, slight at Dover.

DAILY WEATHER REPORT

for *Friday 28th February 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.				
			Direc.	Force. (0 to 12)			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12)	Weather.		Max.	Min.	Amount of Rainfall.		
Haparanda	30.13	5	Z	0	6	30.15	+ .29	- 5	- 5	- 20	2	0	f	*	23	?	-		
Hernösand ...	30.05	18	Z	0	0	30.13	+ .18	23	22	+ 12	NE	2	c	*	25	1	-		
Stockholm ...	30.01	21	Z	0	6	30.12	+ .15	23	22	+ 6	NNE	2	0	*	27	16	-		
Wisby ...	29.98	33	NW	4	0	30.02	+ .08	31	30	+ 4	E	4	0	*	86	25	-		
Bodö ...	29.93	29	E	2	6	29.92	+ .05	26	24	- 1	ENE	4	6	2	32	?	-		
Christiansund ...	29.77	38	ESE	2	6	29.77	- .05	35	32	0	2	0	6	3	43	30	-		
† Skudesnaes ...	29.78	42	SSE	8	1	29.69	- .09	42	41	- 3	SE	6	0	5	?	?	-		
Oxö (Xiansund) ...	29.87	39	E	4	f	29.81	- .18	39	39	+ 4	E	2	f	4	39	?	0.12		
Skagen (The Skaw)	29.96	38	SSW	3	f	29.92	- .05	37	37	+ 2	SE	5	f	4	?	34	-		
Fanö ...	29.91	40	S	4	6	29.79	- .12	40	40	+ 3	SSE	4	0	*	45	36	-		
Cuxhaven ...	30.01	44	SSW	2	C	29.87	- .14	43	43	+ 2	S	3	1	*	46	32	0.12		
† Sumburgh Head																			
† Stornoway ...	29.24	39	SSE	6	C	29.28	+ .52	41	40	+ 2	SE	5	6	4	44	35	0.14		
Wick ...	29.42	43	S	4	6	29.35	+ .20	42	40	- 1	S	3	0	2	46	39	0.04		
Nairn ...	29.35	40	W	2	6	29.33	+ .27	35	32	- 5	Z	0	6	1	45	34	0.02		
Aberdeen ...	29.47	43	S	6	6	29.36	+ .03	40	39	- 1	S	2	0	3	45	39	0.02		
Leith ...	29.44	42	SW	5	1	29.38	- .06	39	38	- 2	SE	1	m	*	47	35	0.05		
† Shields ...	29.54	41	SW	3	m	29.36	- .18	41	40	0	SSW	3	1	*	48	38	0.09		
Spurn Head ...	29.61	44	WSW	4	C	29.51	- .15	40	39	- 3	S	5	6	3	47	39	0.06		
York ...	29.58	45	S	1	0	29.43	- .20	40	39	- 1	S	2	6	*	50	39	-		
Loughborough...	29.63	42	S	2	6	29.51	- .12	43	41	+ 2	SW	6	6	*	52	40	0.14		
† Ardrossan ...	29.38	42	SSE	4	6	29.32	- .02	38	38	- 4	Z	0	0	0	43	36	0.24		
† Mullaghmore ...	29.24	40	SW	5	C	29.30	+ .07	38	36	+ 1	SW	3	6	3	42	35	0.06		
Donaghadee ...	29.27	40	W	3	6	29.34	- .04	36	36	- 1	NW	2	6	0	43	34	0.24		
Parsonstown ...	29.34	39	S	2	0	29.42	+ .07	35	34	- 1	S	1	6	*	43	34	0.12		
Barrow-in-Furness	29.48	41	SE	3	6	29.32	- .19	41	40	0	S	3	6	6	44	38	0.24		
† Holyhead ...	29.46	43	SSW	4	6	29.37	- .10	42	40	- 2	W	5	0	5	45	37	0.44		
Liverpool (Bidston).	29.52	41	S	3	6	29.39	- .17	42	39	+ 5	SW	4	6	2	46	37	0.44		
Valencia ...	29.23	45	S	6	0	29.42	+ .14	44	43	+ 2	WSW	4	0	4	46	41	0.33		
Rocha's Point ..	29.34	40	SW	6	C	29.45	+ .08	42	40	+ 1	W	3	6	4	44	37	0.80		
Pembroke ...	29.47	45	S	4	0	29.48	- .05	46	45	+ 1	WSW	4	0	4	47	39	0.17		
† Scilly ...	29.53	47	SW	6	0	29.39	- .01	48	45	0	WSW	5	0	6	50	42	0.12		
Prawle Point ...	29.67	47	SSW	4	C	29.66	- .03	47	46	+ 1	SSW	4	0	5	49	41	0.12		
Hurst Castle ...	29.70	48	SW	4	6	29.66	- .06	47	46	+ 2	SW	7	6	5	50	44	0.15		
† Dover ...	29.76	47	SW	5	C	29.72	- .12	45	44	- 1	WSW	4	6	3	48	44	0.10		
† London...	29.72	46	S	3	6	29.67	- .09	47	45	+ 3	S	4	6	*	53	44	0.04		
Oxford ...	29.66	43	SSW	4	6	29.61	- .10	45	43	+ 1	S	4	6	*	52	41	0.47		
Cambridge ...	29.68	46	S	1	6	29.61	- .13	43	42	- 2	S	2	6	*	53	35	0.18		
† Yarmouth ...	29.73	44	SSW	3	6	29.65	- .13	45	43	0	SSW	4	6	3	46	41	0.03		
The Helder ...	29.84	45	S	3	1	29.73	- .18	44	43	+ 6	S	3	6	3	48	37	0.04		
Cape Griz Nez...	29.80	46	SW	7	0	29.74	?	46	46	+ 2	SW	7	6	5	50	43	0.24		
† Jersey ...																			
Brest ...	29.71	49	SW	5	0	29.72	+ .03	49	48	+ 1	WSW	4	0	5	52	45	0.08		
Lorient ...	29.80	50	SW	7	0	29.80	- .01	48	47	- 1	SW	4	0	7	55	43	0.04		
† Rochefort ...	29.95	52	SSW	7	1	29.90	- .06	50	49	+ 5	S	5	0	2	54	39	0.08		
Biarritz ...	29.99	53	SW	7	0	29.99	- .05	56	50	+ 7	S	1	C	3	63	41	-		
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*	30.04	+ .08	47	45	+ 5	SSW	3	C	*	67	?	0.04		
Charleville ...	*	*	*	*	*	29.89	- .17	46	43	+ 6	SSW	4	0	*	52	?	0.24		
Paris ...	29.97	48	SE	1	1	29.94	- .08	49	49	+ 5	SE	3	0	*	*	*	0.12		
Lyons ...	30.10	46	S	7	6	30.10	- .09	45	44	+ 10	SSW	3	1	*	54	?	0.08		
Toulon ...	30.31	46	SE	7	0	30.29	+ .01	47	45	+ 5	SW	3	0	2	54	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.30	37	SSW	3	1	28.12	- .22	35	35	+ 1	SSW	4	0	*	40	33	0.49		

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 22nd February*

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

○ = dead calm.

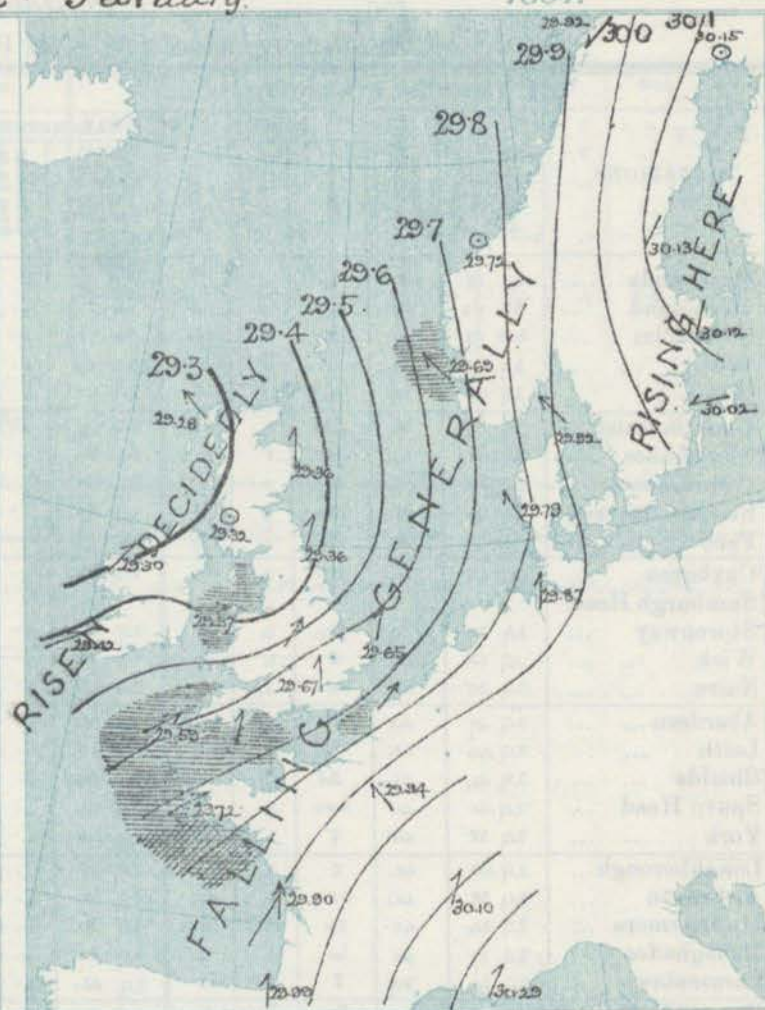
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.731
Stormway	29.729
Wick	29.766
Nairn	29.773
Aberdeen	29.783
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.826
Ballyhead	29.855
Liverpool	29.892
Valencia	29.870
Roches Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.968
Dover	29.996
LONDON	29.991
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



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 February

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	38.4	37.6	8.26
Stormway	39.0	37.7	3.91
Wick	38.3	36.8	2.05
Nairn	37.2	36.4	1.42
Aberdeen	37.5	35.9	2.32
Leith	38.9	37.6	1.59
Shields	38.8	37.6	1.71
York	37.7	36.7	1.75
Ardrossan	39.9	38.1	3.33
Donaghadee	40.6	38.6	2.40
Ballyhead	42.0	40.6	2.60
Liverpool	39.6	38.0	1.81
Valencia	45.2	43.4	4.60
Roches Point	43.6	42.1	4.26
Pembroke	42.6	41.5	2.84
Scilly	46.7	45.1	2.75
Hurst Castle	40.9	40.1	2.59
Dover	39.7	38.6	2.07
LONDON	39.3	38.2	7.87
Oxford	38.7	37.6	1.92
Cambridge	37.9	36.6	1.63
Yarmouth	38.6	37.3	2.09

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 22nd February.

1884, at 8 a.m.

The general distribution of pressure is very similar to that of yesterday, readings being highest over the south-east of France, and lowest on our extreme north-west coasts. The barometer has, however, risen somewhat decidedly in the west and north of our islands, while it has fallen in the south-east, so that gradients have become less steep. The wind has fallen moderate generally; in Scotland it is SE^{ly} or S^{ly}, but over England and France it is chiefly SW^{ly}. The weather is at present fair at most stations but the general appearance is still unsettled. Showers are reported at Valencia. Pembroke and Dover and rain at Shields. In the course of the past twenty-four hours rain has fallen generally. Lightning was seen yesterday at several of our western and northern stations, and a thunderstorm occurred at Aedroan. Temperature is very little changed; readings at present range from 48° at Kelly to 35° at Kilm and Parsonstown. The sea is rough on our western and southern coasts, moderate or slight elsewhere.

There is at present no sign of the advance of any great disturbance but conditions are by no means settled.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ^{ly} and S ^{ly} winds, moderate or fresh; fair generally, but perhaps some showers.	6 { SCOTLAND WEST	Same as Nos 0 and 1.
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	SW ^{ly} and W ^{ly} winds, fresh; changeable, some rain.
2 { ENGLAND N.E.	Same as No 5.	8 { ENGLAND S.W.	-----D-----D-----D-----
3 { ENGLAND EAST	Same as No 5.	9 { IRELAND NORTH	SW ^{ly} winds, moderate to strong; unsettled, some rain.
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	SW ^{ly} winds, moderate or fresh; mild, changeable, some rain.	WARNINGS	The south cone has been lowered this morning in districts 0, 1, 6 to 10, and part of 2.

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

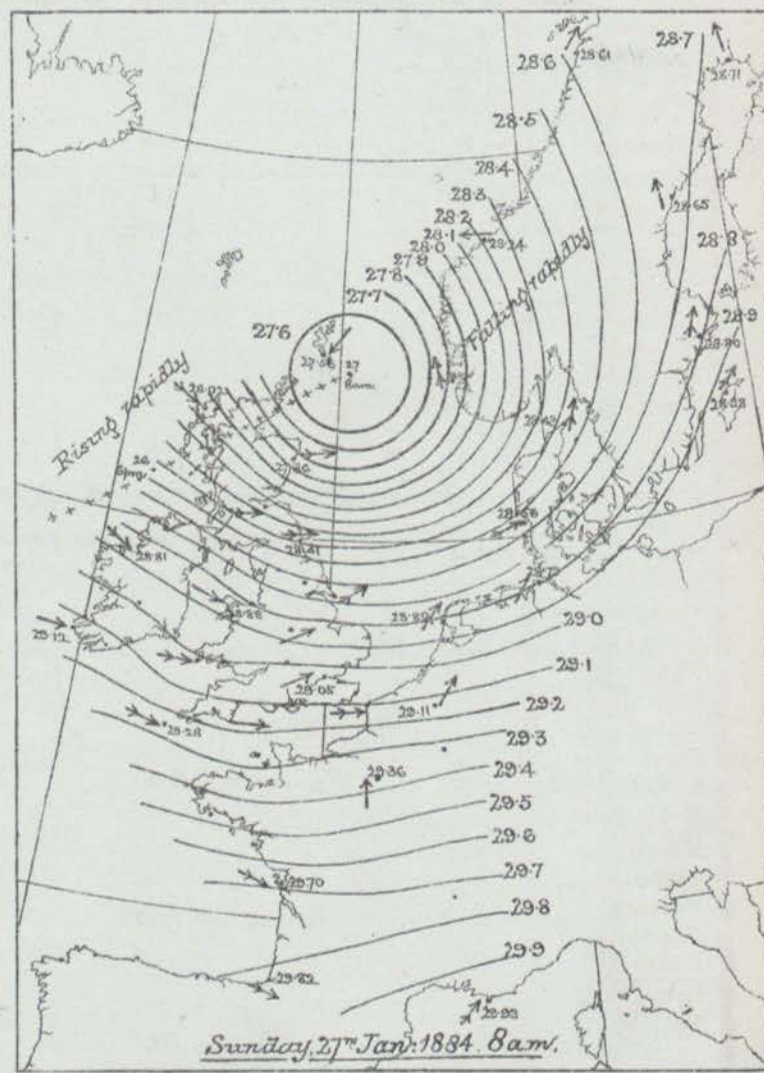
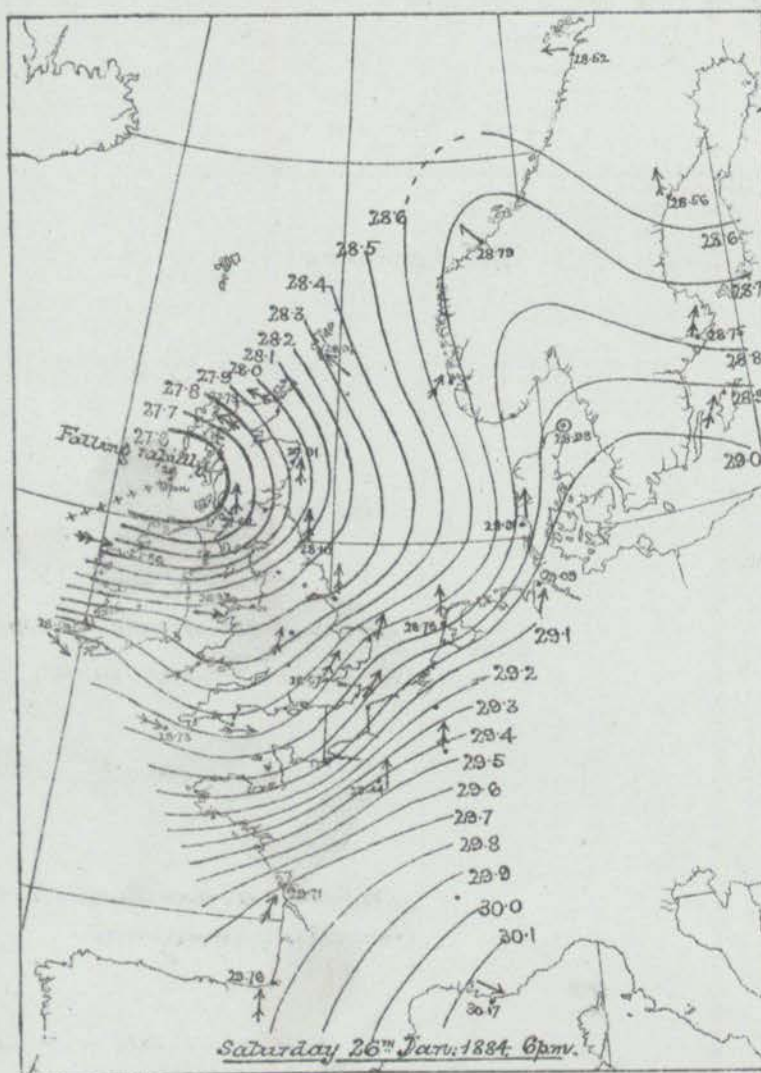
TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.79	43	41	SE	8	0	5	Valencia	29.29	43	41	SEW	7	0	6
Sumburgh Head								Scilly	29.58	48	48	SW	5	c	6
Stornoway	29.22	43	41	S	8	8	6	Dover	29.71	47	46	SW	6	c	5
Aberdeen	29.49	43	40	S	7	0	5	London	29.72	53	47	SSW	5	c	4
Shields	29.55	47	42	S	4	m	3	Yarmouth	29.75	45	44	S	5	c	4
Ardrossan	29.37	42	42	S	6	c	5	Jersey							
Mullaghmore	29.27	40	37	SW	6	0	5	Rochefort	29.91	52	50	SSW	8	0	4
Holyhead	29.47	45	43	SEW	4	c	4								

REMARKS.

The barometer is rising briskly in the N., but a new fall appears to have set in at Valencia and the wind there has backed to SSW., with a dull, gloomy appearance - Conditions are upon the whole very unsettled.

STORM of JANUARY 26th and 27th 1884.

Maps showing the Distribution of Pressure and Wind



NOTE. The above charts are published in order to show the movements of the deep depression of Jan. 26-27, more clearly than could be done on the day following the storm, when telegraphic communication with the N^o coast was so much interrupted.

DAILY WEATHER REPORT

for *Saturday 23rd February 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			Dir.	Force. (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	30.04	18	S	2	b	29.93	- 22	18	18	+ 13	S	2	6	*	?	-5	-		
Hernösand ...	30.05	27	S	6	o	29.88	- 25	27	26	+ 4	S	4	o	*	28	14	-		
Stockholm ...	30.08	28	NE	2	o	29.93	- 19	32	29	+ 9	SE	2	o	*	?	16	-		
Wisby ...	30.04	31	SE	4	o	29.90	- 12	33	32	+ 2	SE	4	o	*	34	28	-		
Bodö ...	30.14	24	E.N.E.	4	b	29.66	- 26	19	16	- 7	E.N.E.	6	6	*	32	18	-		
Christiansund ...	29.64	40	S.S.E.	4	b	29.46	- 26	41	35	+ 6	SE	2	6	3	41	32	-		
† Skudesnaes ...	29.59	42	S.S.E.	7	h	29.47	- 22	41	40	- 1	SE	4	o	5	43	?	0.55		
Oxö (Xiansund) ...	29.71	40	SE	4	b	29.53	- 28	35	35	- 4	NE	6	h	4	?	34	0.51		
Skagen (The Skaw)	29.79	38	S.S.E.	6	h	29.60	- 32	38	38	+ 1	SE	6	f	5	?	36	0.24		
Fanö ...	29.75	41	S.S.E.	4	c	29.35	- 44	43	43	+ 3	S.S.E.	6	h	*	43	39	0.47		
Cuxhaven ...	29.77	47	SW	1	c	29.34	- 33	48	47	+ 5	SSW	4	o	*	48	34	0.06		
† Sumburgh Head	29.30	42	S	5	c	29.20	- 08	40	39	- 1	S.S.E.	5	c	4	44	36	0.63		
† Stornoway ...	29.33	40	NW	1	b	29.30	- 05	39	38	- 3	S	2	b	1	46	32	-		
Wick ...	29.35	37	2	o	b	29.26	- 07	35	33	- 0	2	o	c	1	47	32	-		
Nairn ...	29.38	40	WSW	2	b	29.34	- 02	38	36	- 7	SW	1	b	2	46	31	-		
† Leith ...	29.41	39	W	1	c	29.32	- 01	36	35	- 3	SE	1	c	*	43	33	0.03		
† Shields ...	29.47	43	W	2	m	29.37	+ 01	36	36	- 5	SW	3	m	2	46	34	-		
Spurn Head ...	29.55	44	WSW	3	b	29.45	- 06	38	38	- 2	SSW	3	b	2	49	36	-		
York ...	29.52	45	WNW	1	o	29.41	- 02	36	35	- 4	S	1	m	*	48	33	0.04		
Loughborough...	29.54	46	SSW	2	o	29.48	- 03	39	38	- 4	SW	3	b	*	51	36	-		
† Ardrossan ...	29.40	43	S	1	b	29.28	- 04	40	40	+ 2	SE	2	o	2	45	37	0.02		
† Mullaghmore ...	29.35	43	SSW	4	b	29.17	- 13	40	38	+ 2	SSW	5	o	3	48	37	0.06		
Donaghadee ...	29.42	42	WSW	2	b	29.29	- 05	38	38	+ 2	W	2	b	o	47	38	-		
Parsonstown ...	29.41	42	SSW	1	o	29.38	- 09	38	37	+ 3	W	1	o	*	48	33	0.05		
Barrow-in-Furness	29.48	41	SW	3	o	29.37	+ 05	40	40	- 1	SSW	3	c	4	44	37	0.11		
† Holyhead ...	29.46	45	SW	3	b	29.36	- 01	43	41	+ 1	SW	4	c	4	48	38	0.15		
Liverpool (Bidston)	29.50	45	SW	1	b	29.40	+ 01	40	38	- 2	SW	2	c	2	48	37	-		
† Valencia ...	29.42	43	WNW	2	b	29.39	- 03	46	44	+ 2	WSW	6	c	6	48	39	0.38		
Roche's Point ..	29.46	40	WSW	5	h	29.44	- 01	43	42	+ 1	WSW	4	p	4	50	36	0.25		
Pembroke ...	29.50	45	SSW	3	c	29.46	- 02	45	43	- 1	WSW	4	o	3	48	43	0.05		
† Scilly ...	29.83	47	S	3	o	29.67	- 02	48	44	+ 2	W	5	c	5	51	44	0.04		
Prawle Point ...	29.68	46	S	2	h	29.59	- 07	46	44	- 1	WSW	4	b	4	49	40	0.39		
Hurst Castle ...	29.68	45	S	5	h	29.57	- 09	45	44	- 2	WSW	4	b	5	49	43	0.18		
† Dover ...	29.64	46	WSW	2	om	29.58	- 14	43	42	- 2	WSW	3	c	2	49	39	0.19		
† London...	29.60	46	S	3	o	29.58	- 09	41	40	- 6	S	1	b	*	53	39	0.15		
Oxford ...	29.58	43	S	2	h	29.54	- 07	41	40	- 4	SSW	4	c	*	53	40	0.04		
Cambridge ...	29.60	46	S	1	o	29.53	- 08	39	38	- 4	S	1	b	*	53	36	0.27		
† Yarmouth ...	29.63	46	SSW	3	c	29.53	- 12	41	40	- 4	SW	3	b	3	50	37	0.16		
The Helder ...	29.69	44	S.S.E.	1	h	29.49	- 24	41	40	- 3	WNW	3	c	3	48	41	0.16		
Cape Griz Nez...	29.65	45	S	4	h	29.61	- 13	46	43	0	SW	4	o	3	60	41	0.47		
† Jersey ...	29.59	45	2	o	h	29.67	- 05	47	44	- 2	WNW	4	o	5	?	43	0.35		
Brest ...	29.59	45	WNW	5	o	29.75	- 05	46	?	- 2	W	4	b	5	52	41	0.47		
Lorient ...	29.74	53	SSW	8	h	29.74	- 16	50	49	0	SW	5	o	2	55	48	0.16		
† Rochefort ...	29.84	59	S	5	c	29.83	- 16	54	50	- 2	S	3	o	3	63	46	0.04		
Biarritz ...	*	*	*	*	*	29.62	- 42	45	44	- 2	WSW	3	o	*	53	35	0.12		
Corunna ...	*	*	*	*	*	29.67	- 22	48	46	+ 2	W	5	o	*	50	46	0.55		
Brussels ...	29.80	48	S	4	h	29.67	- 22	48	46	+ 2	W	5	o	*	50	46	0.55		
Charleville ...	29.76	50	S	3	o	29.75	- 19	47	46	- 2	S	1	o	*	*	*	-		
Paris ...	29.76	50	S	3	o	29.75	- 19	47	46	- 2	S	1	o	*	*	*	-		
Lyons ...	29.29	50	SSW	3	m	29.17	- 12	49	47	+ 2	S	5	o	3	57	45	-		
Toulon ...	29.29	50	SSW	3	m	29.17	- 12	49	47	+ 2	S	5	o	3	57	45	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.25	37	W	2	o	28.14	+ 02	34	34	- 1	S	2	o	*	38	32	0.14		

HIGH LEVEL STATION.

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

Hawes Junction	28.25	37	W	2	6	c	28.14	+ 02	34	34	- 1	S	2	6	*	38	32	0.14
----------------	-------	----	---	---	---	---	-------	------	----	----	-----	---	---	---	---	----	----	------

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in 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* 23rd February. 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

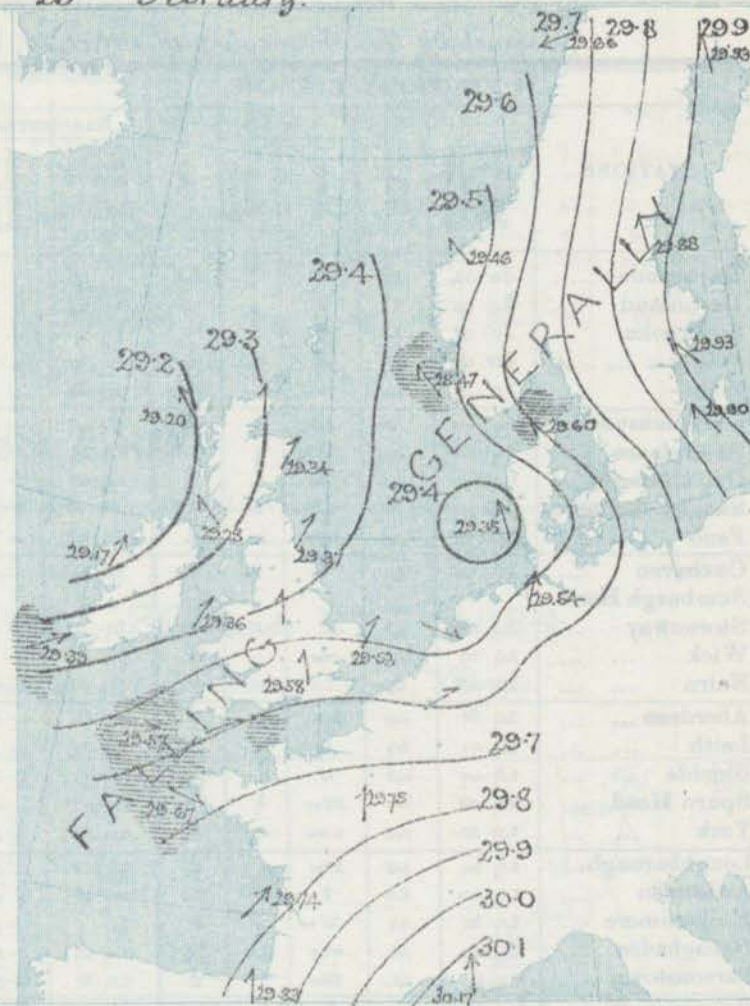
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are noted in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 * — force above 10; — force 8 to 10;
 — force 5 to 7; — force 1 to 4;
 ☉ — dead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

Sea Disturbance — where considerable is shown thus
 [shaded] — Rough. [hatched] — High.

MEAN HEIGHT of the BAROMETER

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

STATIONS	MEAN READINGS
Sumburgh Head	29.73
Sternway	29.72
Wick	29.75
Nairn	29.73
Aberdeen	29.70
Leith	29.67
Shields	29.67
York	29.66
Arbroath	29.67
Donaghadee	29.62
Belfast	29.65
Liverpool	29.62
Valencia	29.60
Rock's Point	29.57
Pembroke	29.57
Sally	29.55
Hurst Castle	29.53
Dover	29.50
LONDON	29.49
Oxford	29.52
Cambridge	29.50
Yarmouth	29.50



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

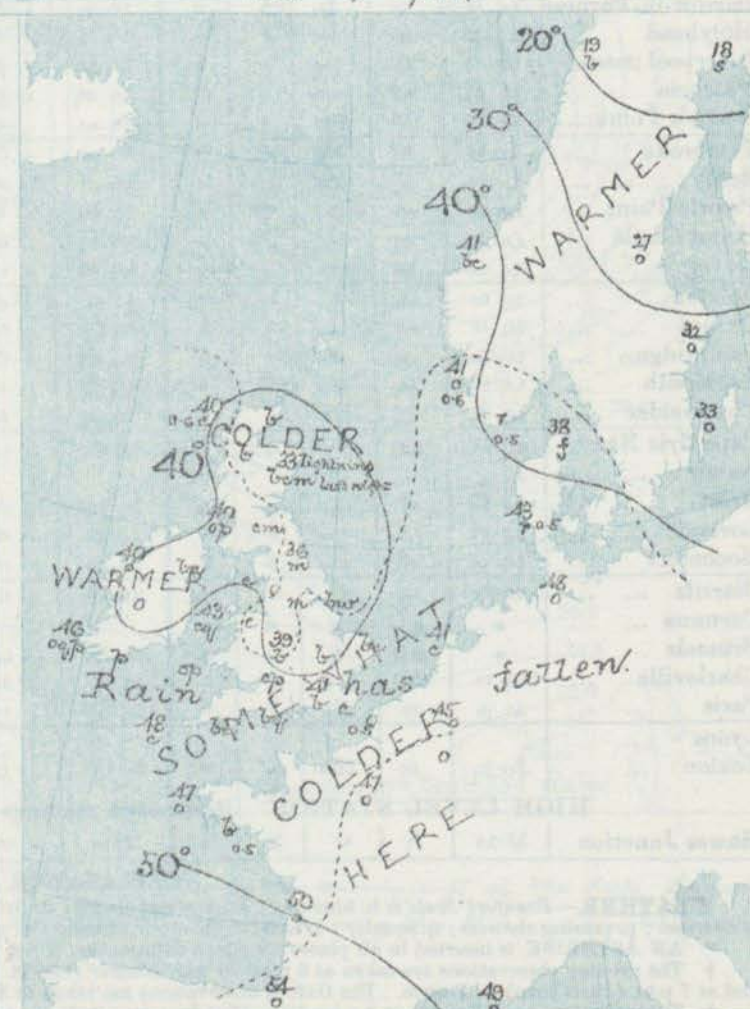
Temperature — Isotherms are drawn for each 10° Changes since previous morning are noted in words.
Weather — is shown by letters of the Beaufort Scale.
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in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

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

for the month of February.

STATIONS	TEMPERATURE		RAINFALL
	Dry Bulb	Wet Bulb	
Sumburgh Head	38.4	37.6	3.26
Sternway	38.0	37.7	3.81
Wick	38.3	36.8	2.05
Nairn	37.2	35.9	1.42
Aberdeen	37.5	35.9	2.32
Leith	38.3	37.5	1.55
Shields	38.8	37.5	1.71
York	37.7	36.7	1.75
Arbroath	38.9	38.1	3.33
Donaghadee	40.6	39.6	2.40
Belfast	42.0	40.8	2.60
Liverpool	39.8	38.0	1.84
Valencia	45.2	43.4	4.60
Rock's Point	43.8	42.1	4.38
Pembroke	42.6	41.6	2.84
Sally	46.2	45.1	2.75
Hurst Castle	40.9	40.1	2.62
Dover	39.7	38.5	2.02
LONDON	39.3	38.2	4.81
Oxford	35.7	37.6	1.92
Cambridge	37.8	36.8	1.53
Yarmouth	38.5	37.9	2.09

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



REMARKS.

for Saturday 23rd February

1884. at 8 a.m.

An area of low pressure still lies off our north-west coast, while a small subsidiary depression has apparently been formed near Lano, and the barometer is falling generally — most on the eastern shores of the North Sea. The highest readings are reported over the south-east of France. The wind is SE^{ly} in Scandinavia, Denmark, and the extreme north of Scotland, but SW^{ly} or W^{ly} elsewhere; in force it is generally moderate. The weather is fine on the east and south coasts of Great Britain, but cloudy or overcast in all other localities, with showers in the west and south-west and rain at Oxo and Lano. In the course of the past 24 hours rain has fallen at all the western and southern as well as at a few of the northern stations. Lightning was seen at Aberdeen last night. Temperature has fallen several degrees in the east and south, and readings range from 48° at Tully to 33° at Aberdeen. Slight frost occurred in Scotland last night. The sea is rough on some parts of our western and south-western coasts, moderate to smooth elsewhere.

There is no sign of the advance of any serious depression, but small disturbances will probably appear over our islands occasioning showery weather in most localities.

FORECASTS

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

1884.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ^{ly} and S ^{ly} winds, fresh or strong; unsettled, some rain.	6 { SCOTLAND WEST	SW ^{ly} and S ^{ly} winds, moderate to strong; cloudy, some rain.
1 { SCOTLAND EAST	S ^{ly} winds, fresh, fair generally but probably some showers.	7 { ENGLAND N.W.	-----D-----D-----D-----
2 { ENGLAND N.E.	Same as No 5	8 { ENGLAND S.W.	SW ^{ly} winds, increasing in force; unsettled, 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	SW ^{ly} winds, moderate or fresh; changeable, some showers.	WARNINGS	None Issued.

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.62	42	39	ESE	8	N	5	Valencia	29.41	42	41	S	2	cm	3
Sumburgh Head								Scilly	29.55	50	49	W	3	0	6
Stornoway	29.30	43	41	S	5	C	4	Dover	29.69	48	49	W	4	cg	3
Aberdeen	29.35	43	41	S	2	C	3	London	29.65	52	49	SW	4	0	*
Shields	29.39	45	42	W	4	C	2	Yarmouth	29.65	49	49	SSW	4	C	4
Ardrossan	29.40	43	42	SSW	2	bc	1	Jersey							
Mullaghmore	29.35	47	43	SSW	5	bc	4	Rochefort	29.28	53	52	SSW	7	N	2
Holyhead	29.48	48	45	SSW	3	C	3								

REMARKS.

There has been no important change since the morning. Moderate SW winds and generally fair weather continues in most parts of the Kingdom.

DAILY WEATHER REPORT

for Sunday 24th February 1884.

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).				Dry.	Wet.		Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.90	17	S	6	5	29.86	-.07	17	17	-	1	SSE	4	5	*	19	9	0.20	
Hernösand ...	29.76	31	S	2	0	29.69	-.19	25	24	-	2	NE	4	5	*	32	21	0.04	
Stockholm ...	29.60	32	ESE	8	5	29.52	-.43	34	34	+	2	WSW	2	0	*	34	27	0.16	
Wisby ...	29.58	37	SE	6	r	29.55	-.35	38	37	+	5	W	4	6	bc	3	28	0.39	
Bodö ...	29.65	22	ENE	6	6	29.63	-.08	22	19	+	3	ENE	6	6	*	22	18	-	
Christiansund ...	29.42	37	ESE	2	6	29.30	-.16	37	32	-	4	E	6	c	3	45	32	-	
Skudeanaes ...	29.27	37	ESE	4	0	29.24	-.23	36	25	-	5	E	4	r	4	41	?	-	
Oxö (Xiansund) ...	29.30	33	WSW	4	0	29.32	+.02	37	37	+	2	S	2	m	3	?	32	0.59	
Skagen (The Skaw)	29.30	39	SW	6	0	29.40	+.10	39	38	+	1	SSW	3	0	2	39	37	0.39	
Fanö ...	29.47	41	WSW	3	0	29.39	-.08	41	40	-	2	SSW	4	c	*	43	37	0.12	
Cuxhaven ...	29.52	45	SW	2	bc	29.51	-.03	43	43	-	5	SW	4	2	*	49	38	0.14	
† Sumburgh Head																			
† Stornoway ...	29.25	40	N	2	6	29.30	+.05	39	39	-	7	N	3	bc	2	46	30	-	
Wick ...	29.29	39	S	1	6	29.47	+.18	31	31	-	8	WN	1	6	r	45	30	-	
Nairn ...	29.23	37	Z	0	6	29.49	+.26	36	32	-	2	Z	0	6	1	45	28	-	
† Aberdeen ...	29.28	40	Z	0	6	29.48	+.20	36	35	+	3	WN	3	6	1	45	32	0.02	
Leith ...	29.33	37	SE	1	r	29.50	+.17	38	36	+	2	WN	1	c	*	44	35	0.02	
† Shields ...	29.27	42	SW	2	r	29.43	+.16	40	40	+	4	NNE	2	m	2	44	35	0.08	
Spurn Head ...	29.38	42	SSW	3	bc	29.35	-.03	41	40	+	3	W	4	6	3	46	37	0.01	
York ...	29.29	41	SSW	1	0	29.42	+.13	40	39	+	4	WN	1	c	*	47	35	0.09	
Loughborough ...	29.37	43	SW	3	c	29.42	+.05	41	40	+	2	WNW	3	6	3	45	39	0.06	
† Ardrossan ...	29.18	42	ENE	1	r	29.48	+.30	38	37	-	2	NNE	1	c	1	43	36	0.13	
† Mullaghmore ...	29.21	44	WNW	5	c	29.41	+.20	42	40	+	2	WNW	2	c	3	46	40	0.25	
Donaghadee ...	29.15	42	SW	2	r	29.55	+.40	39	39	+	2	WNW	2	6	0	43	37	0.12	
Parsonstown ...	29.13	44	H	2	bc	29.67	+.54	43	41	+	6	W	1	0	6	46	38	0.21	
Barrow-in-Furness	29.38	42	S	3	0	29.32	-.06	40	39	0	WNW	3	bc	3	45	39	0.19		
† Holyhead ...	29.25	45	SW	3	r	29.56	+.31	44	41	+	1	WNW	5	6	5	47	40	0.13	
Liverpool (Bidston)	29.27	44	SW	3	0	29.50	+.23	41	40	+	1	WNW	5	0	3	46	38	0.24	
† Valencia ...	29.49	48	WNW	5	c	29.81	+.32	48	46	+	2	WN	4	6	4	52	44	0.16	
Roche's Point ...	29.42	40	W	4	bc	29.73	+.31	44	42	+	1	W	4	bc	4	49	37	0.12	
Pembroke ...	29.36	45	WSW	5	6	29.61	+.25	46	45	+	1	WNW	4	6	3	46	42	0.09	
† Scilly ...	29.36	48	W	7	c	29.77	+.41	49	46	+	1	WNW	6	c	5	49	44	0.05	
Prawle Point ...	29.33	45	WSW	6	0	29.68	+.35	45	44	-	1	W	6	bc	6	49	41	0.08	
Hurst Castle ...	29.32	46	WSW	7	c	29.60	+.28	45	43	0	W	6	bc	5	49	41	0.06		
† Dover ...	29.55	46	W	5	bc	29.32	-.23	43	42	0	W	4	6	3	48	42	0.26		
† London ...	29.60	44	SW	4	c	29.34	-.26	44	42	+	3	W	3	bc	6	52	41	0.06	
Oxford ...	29.44	43	SW	4	r	29.52	+.08	42	41	+	1	SW	4	6	*	50	40	0.13	
Cambridge ...	29.45	43	S	1	r	29.46	-.01	43	41	+	4	WSW	1	0	*	50	37	0.05	
† Yarmouth ...	29.46	45	SW	3	bc	29.43	-.03	42	41	+	1	WSW	4	c	3	48	40	0.02	
The Helder ...	29.50	43	SSW	4	c	29.43	-.07	43	42	+	2	SW	3	c	8	45	41	0.12	
Cape Griz Nez ...	29.61	44	WSW	7	bc	29.55	-.06	46	44	0	W	8	bc	6	48	41	0.67		
† Jersey ...																			
Brest ...	29.73	49	WNW	7	0	29.85	+.12	48	46	+	1	WNW	7	bc	5	52	43	0.06	
Lorient ...	29.81	49	WNW	7	0	29.93	+.12	48	45	+	2	WNW	7	6	7	52	45	0.04	
† Rochefort ...	29.92	50	WN	5	bc	29.99	+.07	49	47	-	1	WNW	7	0	3	55	41	0.20	
Biarritz ...	30.04	54	WNW	7	r	30.19	+.15	49	46	-	5	S	5	0	4	61	46	0.04	
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*	29.61	-.04	42	42	-	2	SSW	7	r	*	47	43	0.12	
Charleville ...	29.70	44	W	3	c	29.73	+.03	42	39	-	6	W	5	r	*	47	38	0.20	
Paris ...	29.80	50	SSW	3	c	29.85	+.05	47	44	0	S	3	0	*	*	*	*	-	
Lyons ...	29.93	52	SW	5	0	30.09	+.16	39	38	-	11	W	1	6	*	55	39	-	
Toulon ...	30.14	50	SSW	5	m	30.12	-.02	48	47	-	1	Z	0	m	2	50	46	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.44	37	S	3	r	28.24	-.20	36	35	+	2	N	3	0	*	30	30	0.45	

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in 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

CHARTS

Sunday 24th February

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

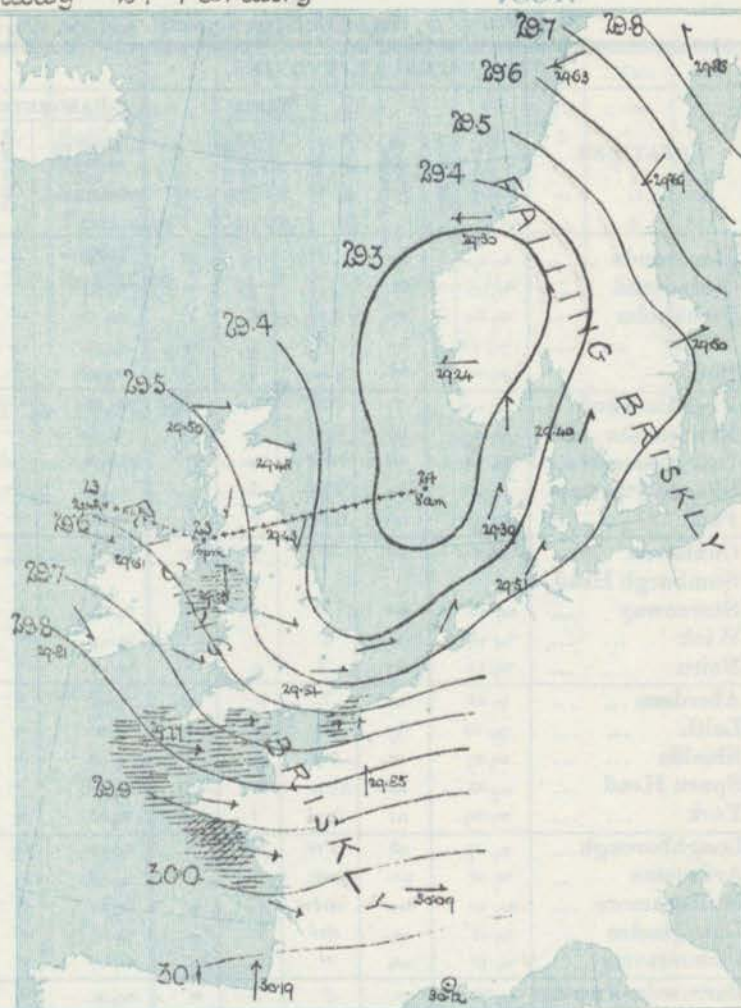
Sea Disturbance — where considerable is shown thus

— Rough — High

MEAN HEIGHT of the BAROMETER

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

STATIONS	MEAN READINGS
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.736
Nairn	29.773
Aberdeen	29.780
Leith	29.822
Shields	29.857
York	29.886
Ardrossan	29.825
Donaghadee	29.829
Holyhead	29.835
Liverpool	29.882
Valencia	29.870
Roches Point	29.867
Pembroke	29.887
Sally	29.926
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.880
Yarmouth	29.920



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.

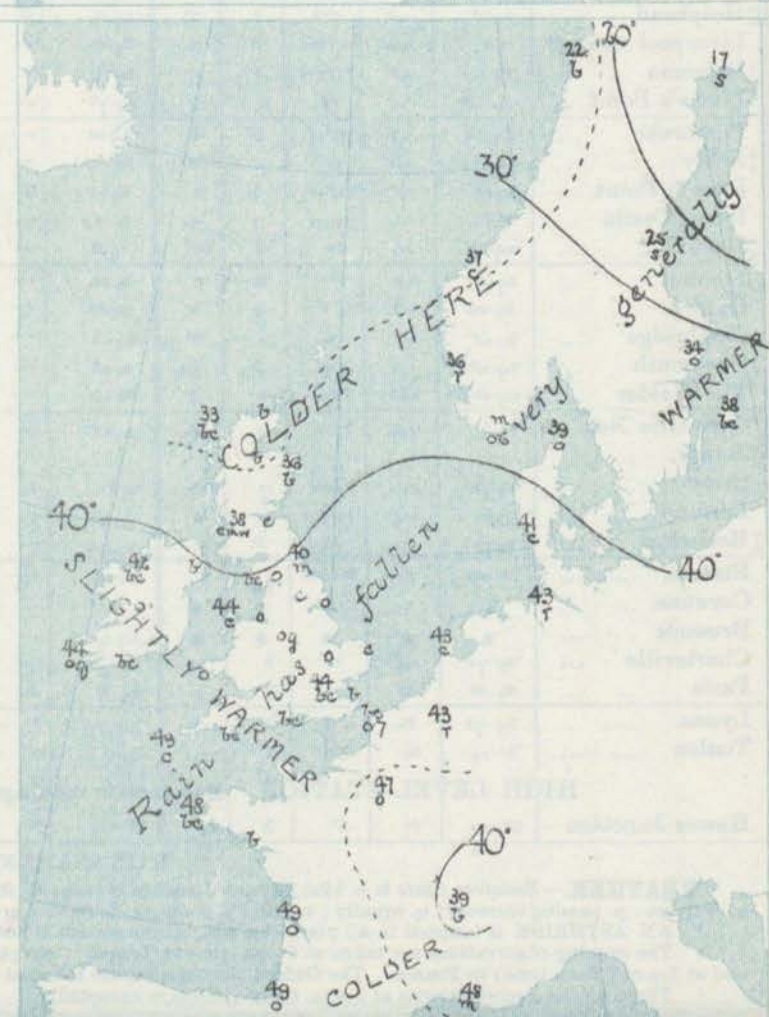
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Rate of 0.5 in. or more, are quoted in figures.

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

for the month of February.

STATIONS	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb	
Sumburgh Head	38.9	37.6	0.25
Stornoway	39.0	37.7	0.91
Wick	38.3	36.8	2.08
Nairn	37.2	35.4	1.42
Aberdeen	37.5	35.9	2.32
Leith	38.8	37.6	1.59
Shields	38.6	37.6	1.71
York	37.7	36.7	1.76
Ardrossan	39.0	38.1	3.33
Donaghadee	40.6	38.6	2.40
Holyhead	42.0	40.6	2.86
Liverpool	39.6	38.0	1.81
Valencia	45.2	40.4	4.60
Roches Point	43.6	42.1	4.28
Pembroke	42.6	41.4	2.66
Sally	46.7	45.1	2.75
Hurst Castle	40.0	40.1	2.38
Dover	39.7	38.6	2.07
LONDON	39.5	38.2	1.31
Oxford	38.7	37.6	1.92
Cambridge	37.8	36.8	1.50
Yarmouth	38.6	37.8	2.09

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 24th February.

1884, at 8 a.m.

The area of low pressure which lay off our NW. coast yesterday has since moved in an easterly direction across our northern districts, and is now found over the western and southern parts of Norway. The barometer is consequently falling at all the Scandinavian and Danish stations, but in our islands and France a decided recovery of pressure has taken place. The wind is S^W in Denmark and E^N in Norway, but elsewhere it is NW^W or W^N; in the Channel it still blows strongly. Fair weather is reported from all parts of our islands, but at the Continental stations the sky is cloudy with rain in many places and snow in Sweden. In the course of the past twenty-four hours showers have fallen in all parts of our islands. Temperature has risen a little in most places and readings now range from 49° at Scilly to 31° at Wick. The sea is rough in the Channel, as well as at Holyhead, but slight or smooth elsewhere.

FORECASTS

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

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

None Issued

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

WARNINGS

None Issued.

None Issued

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.34	41	38	NNE	4	r	4	Valencia	29.43	46	45	NNW	6	eg	6
Sumburgh Head								Scilly	29.58	48	45	W	7	c	5
Stornoway	29.28	46	43	ESE	4	bc	3	Dover	29.56	46	45	NNW	4	bc	4
Aberdeen	29.27	42	40	SW	2	b	1	London	29.51	52	45	SW	4	c	*
Shields	29.30	44	41	SW	3	m	2	Yarmouth	29.49	48	44	SW	3	bc	3
Ardrossan	29.24	42	42	SSE	2	o	2	Jersey							
Mullaghmore	29.10	44	43	WSW	4	7	3	Rochefort	29.37	50	48	NN	4	o	2
Holyhead	29.29	46	43	WSW	4	ca	5								

REMARKS.

The barometer is rising on our SW. coasts, and also in the W. of France, falling elsewhere. Strong W^{ind} winds are reported at Valencia Scilly. The weather is changeable and showery in most districts. The sea is rather rough at Holyhead, slight at Dover.

DAILY WEATHER REPORT

for Monday 25th February 1884.

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

Issued by the Meteorological Office, No. 1, Victoria Street, London, W. 1. 1901. 1.																		
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

HIGH LEVEL STATION.

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

Hawes Junction	28.45	37	N.E.	1	6	b	28.54	+ .30	36	35	0	N	2	6	*	40	32	0.02
----------------	-------	----	------	---	---	---	-------	-------	----	----	---	---	---	---	---	----	----	------

EXPLANATION OF COLUMNS.

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

WEATHER CHARTS

for 8 a.m. on

Monday

25th February.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

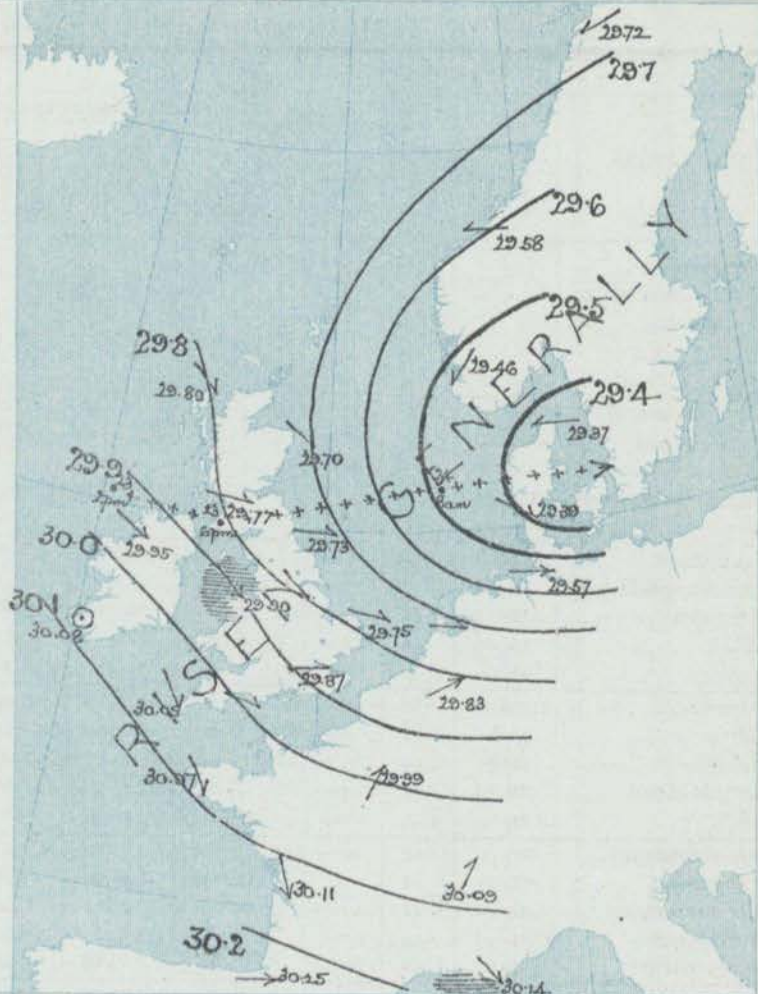
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Samburgh Head.	29.731
Stornoway.	29.729
Wick.	29.756
Nairn.	29.772
Aberdeen.	29.783
Leith.	29.821
Shields.	29.857
York.	29.886
Ardrossan.	29.827
Donaghadee.	29.829
Holyhead.	29.855
Liverpool.	29.882
Valencia.	29.870
Roches Point.	29.867
Pembroke.	29.887
Scilly.	29.925
Hurst Castle.	29.958
Dover.	29.946
LONDON.	29.941
Oxford.	29.934
Cambridge.	29.900
Yarmouth.	29.890



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.

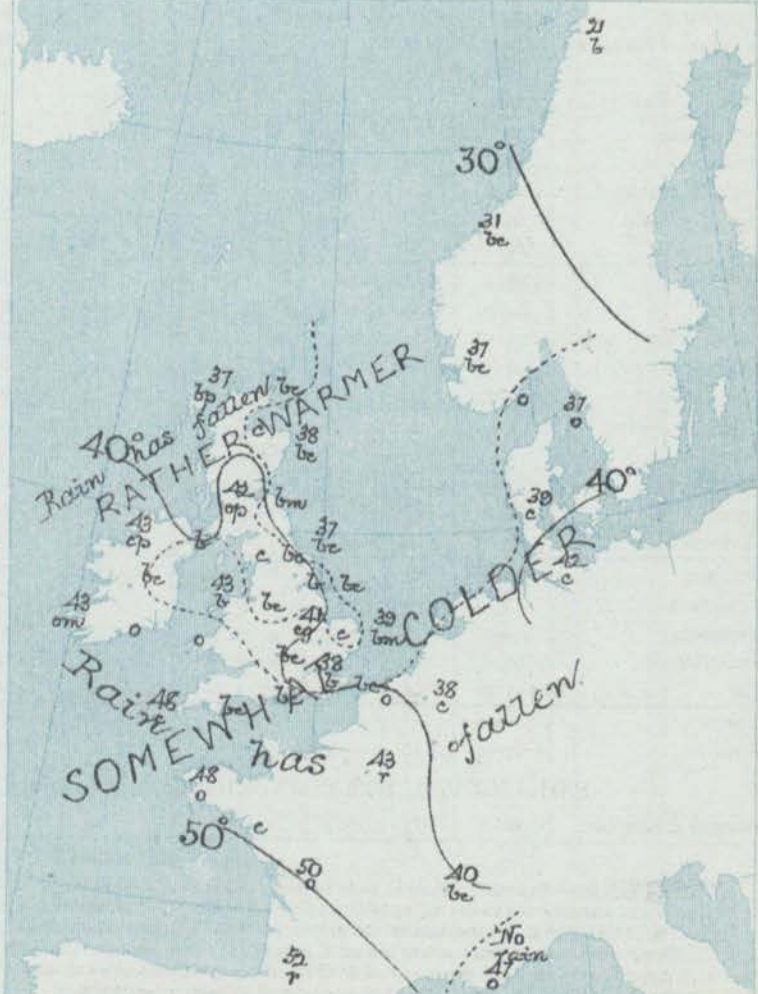
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of February.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Samburgh Head.	38.4	37.6	3.26
Stornoway.	38.0	37.7	3.91
Wick.	38.3	38.8	2.05
Nairn.	37.2	38.4	1.42
Aberdeen.	37.5	38.9	2.32
Leith.	38.9	37.6	1.53
Shields.	38.8	37.5	1.71
York.	37.7	38.7	1.76
Ardrossan.	39.9	38.1	3.33
Donaghadee.	40.6	38.6	2.40
Holyhead.	42.0	40.5	2.60
Liverpool.	39.8	38.0	1.81
Valencia.	45.2	43.4	4.60
Roches Point.	43.6	42.1	4.20
Pembroke.	42.8	41.5	2.84
Scilly.	46.7	45.1	2.25
Hurst Castle.	40.8	40.1	2.68
Dover.	39.7	38.6	2.07
LONDON.	39.3	38.2	1.61
Oxford.	38.1	37.6	1.02
Cambridge.	37.8	36.8	1.53
Yarmouth.	38.6	37.9	2.09

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



REMARKS.

for Monday 25th February 1884, at 8 a.m.

The area of low pressure which lay over and to the southward of Norway yesterday has continued to travel in an easterly direction, and the barometer has risen in all parts of Western Europe. On our extreme western coast, however, the rise has slackened considerably since last night. The wind is light from E. or NE. in the west of Norway, but elsewhere it is W^{ly} or NW^{ly}; in force it is generally light or moderate. Fair weather is reported from all but our NW^m stations, where showers are falling. In the course of the past twenty-four hours showers have been experienced in most parts of the Kingdom. Lightning was seen at Dover early this morning. Temperature has risen a little in Scotland, but fallen elsewhere; and readings range from 48° at Scilly to 36° at Wick. The sea is rather rough at Holyhead, slight or smooth on all other parts of our coast.

The slackening of the barometric rise in the east, and the rapid movement of cirrus from WNW. at Mullaghmore seem to indicate that a new depression is approaching us from the Atlantic.

FORECASTS

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

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	Wind backing to W. or SW. and freshening; unsettled, showery.	6 { SCOTLAND WEST	W ^{ly} winds, fresh or strong; unsettled, showery.
1 { SCOTLAND EAST	-----D°-----D°-----D°-----	7 { ENGLAND N. W.	-----D°-----D°-----D°-----
2 { ENGLAND N. E.	Same as No 5.	8 { ENGLAND S. W.	NW ^{ly} to W ^{ly} winds, increasing in strength; unsettled, some cold rain.
3 { ENGLAND EAST	Same as No 5.	9 { IRELAND NORTH	-----D°-----D°-----D°-----
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	W ^{ly} winds, moderate or fresh; fair on the whole, but 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	29.29	38	36	NNE	2	0	3	Valencia					
Sumburgh Head								Scilly					
Stornoway								Dover					
Aberdeen								London					*
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rocheport	30.05	53	50	WNW	7
Holyhead												0	4

REMARKS.

Summary of Changes in the Weather
over the

British Islands and their Neighbourhood
from the 17th to the 23rd Feb^y 1884

The early part of this period witnessed a continuance of the pressure distribution noticed at the close of last week. An anticyclone lay over Scandinavia and an area of low pressure off our Sk. coasts, so that fresh or strong SE^{ly} winds + cold cloudy weather prevailed generally. On the 19th, however, the anticyclone in the N. gave way while the barometer rose decidedly over France, so that the gradients for SE^{ly} winds were replaced by those for S^{ly} and SW^{ly} winds. A series of depressions now moved in a NNE^{ly} direction outside our W^{ly} + NW^{ly} coasts, occasioning strong winds or gales and mild showery weather in all parts of the Kingdom. On Wednesday night a brief but very severe S^{ly} gale attended the passage of a small depression across Ireland and Scotland. This disturbance which appears to have been subsidiary to larger systems over the Atlantic moved with unusual rapidity, and although its centre lay, at 6 pm on Wednesday, over the S of Ireland, the whole depression had passed well to the Nth of Scotland by the following morning. In the course of Thursday^{the} wind moderated on all coasts, but no important change in the distribution of pressure was observed until Friday, when a small but well defined depression was formed over the North Sea.

A further reduction of pressure now took place over Scandinavia, the type of distribution became more W^{ly} and in the course of Saturday a well defined though somewhat shallow depression passed in an E^{ly} direction across our Nth districts occasioning strong W^{ly} winds in the Channel.

DAILY WEATHER REPORT

for Tuesday 26th February 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 29° F. and Sea Level.	Temp. in Shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	Shade Temp.	Max.	Min.	Amount of Rainfall.
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).						
Haparanda	29.91	12	N	2	0		29.05		-11	-11		N	2	0	*	16	?		
Hernösand ...	29.88	17	Z	0	0		29.74		17	16		N	2	0	*	23	14	0.04	
Stockholm ...	29.66	25	NE	6	0		29.82		20	20		NNE	2	0	*	34	?	0.04	
Wisby ...	29.43	37	SE	6	1		29.58		30	28		E	6	0	*	41	?	0.12	
Bodö ...	29.84	24	E	2	0		29.86	+ .14	28	22	+ 2	ENE	1	0	*	25	19		
Christiansund ...	29.80	31	NNE	3	0		29.89	+ .31	29	28	- 2	ESE	1	0	*	34	23		
Skudesnaes ...	29.71	39	WSW	2	0		29.86	+ .40	35	34	- 2	WSW	2	0	*	45	?		
Oxö (Åhusund) ...	29.69	33	NNE	4	0		29.88	+ .46	27	26	- 9	NNE	4	0	*	36	27		
Skagen (The Skaw) ...	29.66	31	NNE	6	0		29.80	+ .43	29	27	- 8	NNE	5	0	*	37	28	0.04	
Fanö ...	29.63	35	NW	4	0		29.84	+ .45	30	28	- 9	N	4	0	*	41	28		
Cuxhaven ...	29.70	39	WNW	5	1		29.79	+ .22	35	35	- 7	NNE	4	0	*	?	33	0.04	
Snmburgh Head																			
Stornoway ...	29.92	38	N	3	0		29.99	+ .19	37	37	0	ENE	2	0	*	45	35	0.08	
Wick ...	29.83	38	N	2	0		29.99	+ .27	38	37	+ 2	NNW	1	0	*	44	34	0.06	
Nairn ...	29.87	39	NNW	2	0		29.98	+ .23	39	38	+ 1	ENE	2	0	*	44	37	0.06	
Aberdeen ...	29.79	38	NNW	4	0		29.94	+ .24	38	36	0	N	3	0	*	45	36	0.09	
Leith ...	29.81	45	N	1	0		29.95	+ .21	40	38	+ 2	NNE	1	0	*	50	36	0.01	
Shields ...	29.81	43	Z	0	0		29.91	+ .18	38	36	+ 1	NNW	2	0	*	47	34		
Spain Head ...	29.78	40	N	3	0		29.87	+ .13	37	36	- 2	NW	4	0	*	45	36	0.09	
York ...	29.82	40	NNW	1	0		29.92	+ .14	36	34	- 1	NNW	1	0	*	48	32	0.11	
Loughborough ...	29.85	44	NW	3	1		29.97	+ .09	34	34	- 7	NW	1	0	*	49	33	0.10	
Ardrossan ...	29.85	43	N	1	0		29.91	+ .20	33	32	- 9	Z	0	0	*	48	30	0.01	
Mullaghmore ...	29.94	42	NW	1	0		29.91	- .04	37	36	- 6	E	4	0	*	46	34	0.01	
Donaghadee ...	29.93	44	N	2	0		29.95	+ .09	39	37	- 1	E	2	0	*	47	30		
Parsonstown ...	29.99	43	N	1	0		29.94	- .09	36	35	- 2	Z	0	0	*	45	34		
Barrow-in-Furness	29.84	42	NNW	3	0		29.93	+ .11	32	32	- 10	NNE	2	0	*	46	32	0.02	
Holyhead ...	29.89	45	NNW	4	0		29.92	+ .02	41	39	- 2	E	1	0	*	49	39		
Liverpool (Bidston)	29.87	41	N	3	0		29.93	+ .07	37	36	- 5	NW	1	0	*	46	37		
Valencia ...	29.99	49	NNE	1	0		29.82	- .26	46	45	+ 3	ENE	2	0	*	48	42	0.22	
Roche's Point ...	29.92	48	N	3	1		29.88	- .18	43	42	0	ESE	5	0	*	51	41	0.15	
Pembroke ...	29.98	45	NNW	4	0		29.93	- .05	42	42	- 2	S	1	0	*	45	42	0.07	
Seilly ...	30.02	48	WSW	3	0		29.91	- .14	48	48	0	SW	3	0	*	50	44	0.05	
Prawle Point ...	30.02	44	NNW	3	0		29.95	- .08	40	40	- 1	ENE	1	0	*	49	40	0.09	
Hurst Castle ...	29.95	45	NW	4	0		29.95	+ .01	42	40	+ 1	NNW	2	0	*	48	40		
Dover ...	29.89	43	NNW	3	0		29.90	+ .05	39	38	- 1	NW	3	0	*	47	38	0.04	
London ...	29.90	46	N	4	0		29.93	+ .06	39	38	+ 1	S	1	0	*	49	35		
Oxford ...	29.94	42	NNW	3	0		29.93	+ .04	37	36	- 2	N	1	0	*	49	37		
Cambridge ...	29.87	41	NW	1	0		29.92	+ .09	34	34	- 5	NNW	1	0	*	50	31	0.08	
Yarmouth ...	29.81	41	NNW	2	0		29.89	+ .14	36	36	- 3	NNW	1	0	*	48	34		
The Helder ...	29.76	41	NW	3	1		29.82	+ .13	39	38	- 2	Z	0	0	*	43	?	0.08	
Cape Griz Nez ...	29.89	46	WSW	3	0		29.89	+ .03	41	40	0	N	1	0	*	50	41		
Jersey ...																			
Brest ...	30.11	49	NW	3	0		29.98	- .09	49	48	+ 1	N	3	0	*	50	45		
Lorient ...	30.10	48	NNW	4	0		30.01	- .12	48	47	+ 1	NNW	5	0	*	50	?		
Rochefort ...	30.15	50	NW	5	0		30.06	- .08	49	48	- 1	NNW	4	0	*	54	43	0.12	
Biarritz ...	30.25	57	N	5	0		30.14	- .11	46	?	- 6	S	3	0	*	54	45	0.08	
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*		29.90	+ .07	39	38	+ 1	WSW	3	0	*	43	?	0.24	
Charleville ...	29.89	40	E	4	0		29.91	+ .04	39	37	0	NW	4	0	*	44	36	0.16	
Paris ...	30.02	48	SW	1	0		30.03	+ .01	42	41	- 1	Z	0	0	*	*	*	0.04	
Lyons ...	30.04	42	S	1	0		30.09	+ .03	38	37	- 2	SW	1	0	*	48	36	0.08	
Toulon ...	30.07	48	N	1	0		30.12	- .01	41	38	- 6	NW	5	0	*	54	39		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.69	36	N	1	0		29.68	+ .14	31	30	- 5	N	1	0	*	40	30	0.08	

EXPLANATION OF COLUMNS.

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

Fredk. Dangerfield, Lith. London.

WEATHER CHARTS

for 8 a.m. on Tuesday, 26th February, 1884.

BAROMETER, WIND & SEA.

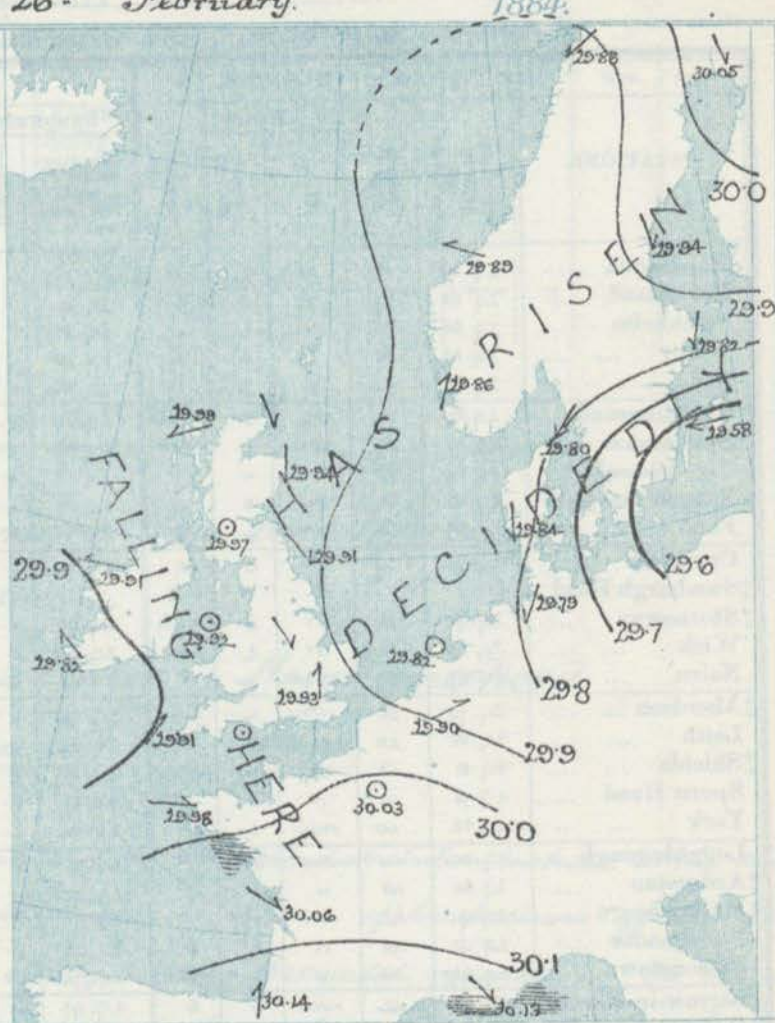
(Explanation of Map)

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

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Stonburgh Head.	29.531
Stormoway.	29.729
Wick.	29.756
Nairn.	29.713
Aberdeen.	29.703
Leith.	29.821
Shields.	29.857
York.	29.886
Ardrossan.	29.823
Donaghadee.	29.829
Ballyhead.	29.855
Liverpool.	29.892
Valencia.	29.870
Roches Point.	29.667
Pembroke.	29.587
Sally.	29.825
Hurst Castle.	29.938
Dover.	29.946
LONDON.	29.991
Oxford.	29.934
Cambridge.	29.880
Yarmouth.	29.920



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 February.

STATIONS.	TEMPERATURE		RAINFALL.
	Dry Bulb.	Wet Bulb.	
Stonburgh Head.	38.5	37.6	8.26
Stormoway.	39.0	37.7	0.91
Wick.	38.3	36.8	2.06
Nairn.	37.2	36.4	1.42
Aberdeen.	37.5	36.8	2.32
Leith.	38.9	37.6	1.59
Shields.	38.8	37.6	1.71
York.	37.7	36.7	1.75
Ardrossan.	39.9	38.1	3.33
Donaghadee.	40.4	39.6	2.40
Ballyhead.	42.0	40.5	2.80
Liverpool.	39.6	38.0	1.81
Valencia.	45.2	43.4	4.60
Roches Point.	43.6	42.1	1.28
Pembroke.	42.8	41.5	2.84
Sally.	46.7	45.1	2.76
Hurst Castle.	40.8	40.1	2.68
Dover.	39.7	38.6	2.07
LONDON.	39.3	38.2	1.81
Oxford.	38.7	37.6	1.92
Cambridge.	37.9	36.8	1.63
Yarmouth.	38.6	37.2	2.09

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 26th February.

1884, at 8 a.m.

In the course of the past twenty-four hours a depression has advanced towards our south-west coasts, and the barometer has consequently fallen over the whole of Ireland, the south-west of England and the west of France. Elsewhere the mercury has continued to rise, and readings over our Islands are at present very uniform. The wind has shifted to the End in Ireland, and has backed to SW in the SW of England, but on all our northern and eastern coasts it remains Nth or NWth; in force it is light or moderate generally. The weather is fine in the east and south-east, but showers are falling in the north, and steady rain at some of the south-western stations. In the course of the past 24 hours showers have fallen in most parts of the Kingdom. Temperature has fallen at most stations, and readings range from 45° at Bally to 32° at Barrow-in-Burness. Frost occurred last night at many of the inland stations. The sea is slight or smooth.

The depression off our south-west coasts is not likely to advance at present but will probably increase gradually in intensity.

FORECASTS

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

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	N th and NE th winds, light; fair generally.	6 { SCOTLAND WEST	SE th winds, moderate, fair to cloudy and some rain.
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	-----D-----D-----D-----
2 { ENGLAND N.E.	NW th to variable breezes; fair generally, but local fogs.	8 { ENGLAND S.W.	SW th winds, freshening considerably; dull, rain at times.
3 { ENGLAND EAST	Same as No 5.	9 { IRELAND NORTH	E th and SE th winds, freshening considerably; dull, some rain.
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	Variable breezes, finally S th ; fair to dull and rainy.	WARNINGS	The south cone was hoisted last evening in districts 8 and 10.

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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.60	45	59	2.25	1	c	3	Valencia	30.04	48	47	WSE	2	A m	2
Sumburgh Head								Scilly	30.05	50	47	WSE	4	0	4
Sternoway	29.89	44	42	11	4	b	3	Dover	29.87	46	43	WSE	3	c g	1
Aberdeen	29.76	42	40	NNW	8	b	2	London	29.88	49	43	WSE	3	e	*
Shields	29.76	46	41	NNW	2	cm	2	Yarmouth	29.86	45	42	WSE	3	e	3
Ardrossan	29.63	48	46	NNW	2	b	1	Jersey							
Mullaghmore	29.95	45	43	WSE	3	c	2	Rochefort	30.14	51	49	NW	5	0	2
Holyhead	29.92	47	44	WSE	5	c	5								

REMARKS.

The barometer has begun to fall a little at Valencia and the wind there has backed to WSE, with rain. Over Great Britain, however, the mercury continues to rise, the wind is NW⁴, and the weather fair. The sea is rather rough at Holyhead, smooth at Dover.

DAILY WEATHER REPORT

for *Wednesday 27th February 1884.*

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

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dirce.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12.)			Max.	Min.		
Haparanda														*				
Hernösand														*				
Stockholm														*				
Wisby														*				
Bodö														*				
Christiansund ...																		
† Skudesnaes ...																		
Oxö (Xiansund) ...																		
Skagen (The Skaw)	30.26	31	ENE	3	0	30.25	+ .15	29	27	0	ENE	3	0	3	?	28	—	
Fanö	30.04	31	NE	2	S	30.18	+ .24	30	28	0	NE	5	0	*	24	28	—	
Cuxhaven	29.83	35	NNE	3	c	30.11	+ .32	34	34	—	ENE	2	S	*	37	31	—	
† Sumburgh Head																		
† Stornoway ...	30.00	40	ENE	2	b	29.97	— .02	28	37	+ 1	SE	4	bv	3	46	34	—	
Wick	30.04	40	N	1	bv	30.00	+ .07	38	37	0	SE	1	c	1	46	32	0.04	
Nairn	30.04	40	Z	0	c	30.04	+ .03	34	33	—	Z	0	0	2	44	34	—	
† Aberdeen ...	29.99	42	NNE	3	0	30.04	+ .10	35	34	—	Z	0	cm	2	44	33	0.03	
Leith	29.98	40	NE	1	c	30.01	+ .06	34	37	—	SE	1	m	*	44	35	—	
† Shields	29.97	41	NNE	1	cm	30.02	+ .12	34	36	+ 1	Z	0	cm	2	44	36	—	
Spurn Head ...	29.95	40	NNE	2	b	30.02	+ .15	34	38	+ 2	SSE	2	c	4	42	36	0.06	
York	29.97	43	NNE	1	0	30.03	+ .11	37	36	+ 1	E	1	0	*	46	34	—	
Loughborough...	29.95	41	NE	1	c	30.02	+ .10	34	34	0	Z	0	cm	*	44	34	—	
† Ardrossan ...	29.97	40	ENE	1	cf	29.99	+ .02	35	34	+ 2	ENE	2	bv	1	42	32	—	
† Mullaghmore ...	29.85	43	ESE	5	cm	29.80	— .11	43	42	+ 6	SE	5	ogp	4	48	36	0.30	
Donaghadee ...	29.97	42	SE	3	bv	29.94	— .01	42	40	+ 3	SSE	4	bv	2	44	38	—	
Parsonstown ...	29.88	43	SE	1	r	29.86	— .14	45	43	+ 9	SSE	1	c	*	46	35	0.20	
Barrow-in-Furness	29.96	42	NE	2	c	29.98	+ .05	36	35	+ 4	NE	2	bv	2	47	32	—	
† Holyhead ...	29.92	41	E	2	b	29.90	— .02	40	37	—	SE	1	0	2	45	35	—	
Liverpool (Bidston)	29.95	41	NNE	1	0	29.98	+ .05	35	35	—	ESE	2	b	1	42	34	—	
Valencia ...	29.72	49	SE	5	rmy	29.70	— .12	49	49	+ 3	ESE	1	cm	2	51	45	0.90	
Roche's Point ..	29.72	47	SE	5	r	29.77	— .11	48	48	+ 5	SE	5	rmy	4	50	40	0.20	
Pembroke ...	29.91	43	ESE	2	bv	29.88	— .05	43	43	+ 1	ESE	4	dm	3	44	42	0.09	
† Scilly ...	29.87	49	SH	2	op	29.78	— .13	49	49	+ 1	SSE	5	r	4	51	49	0.19	
Prawle Point ...	29.95	42	ENE	2	0	29.90	— .05	44	43	+ 4	ENE	3	0	2	45	39	0.17	
Hurst Castle ...	29.95	44	NEN	2	c	29.96	+ .01	42	42	0	E	2	omd	2	47	39	0.02	
† Dover ...	29.95	41	NNE	3	bv	30.01	+ .11	41	39	+ 2	SSE	2	b	1	46	34	0.02	
London ...	29.98	44	SH	1	b	30.02	+ .09	36	33	—	Z	0	f	*	46	30	—	
Oxford ...	29.99	39	NNW	1	0	30.01	+ .08	34	33	—	NE	1	cm	*	48	32	—	
Cambridge ...	29.98	38	N	1	b	30.03	+ .11	35	34	+ 1	Z	0	0	*	47	34	—	
† Yarmouth ...	29.95	40	NNE	1	bv	30.05	+ .16	39	37	+ 3	S	2	bv	3	42	34	0.05	
The Helder ...	29.99	37	ENE	1	0	30.11	+ .29	35	33	—	ESE	1	c	1	39	34	—	
Cape Griz Nez...	29.93	41	NE	1	0	29.96	+ .07	37	36	—	SE	3	c	1	48	34	—	
† Jersey ...																		
Brest ...	29.98	49	N	3	0	29.87	— .11	47	47	—	SSE	3	0	3	50	?	—	
Lorient ...																		
† Rochefort ...	30.02	49	NNW	4	0	29.95	— .11	48	48	—	Z	0	0	2	55	43	0.04	
Biarritz ...	30.10	52	N	1	b	29.96	— .18	41	39	—	E	1	bv	1	55	37	—	
Corunna ...	*	*	*	*	*	30.08	+ .18	33	33	—	ESE	3	0	*	44	33	0.04	
Brussels ...	*	*	*	*	*	30.03	+ .12	32	30	—	NE	1	0	*	46	28	0.04	
Charleville ...	29.94	38	ENE	1	b	30.05	+ .05	38	37	—	SW	1	r	*	*	*	0.12	
Paris ...	30.04	43	S	1	0	30.05	+ .05	38	37	—	SW	1	r	*	*	*	0.12	
Lyons ...	29.97	42	E	1	r	30.04	— .08	37	36	—	N	4	0	*	44	37	0.20	
Toulon ...	30.08	48	NNW	1	bv	29.99	— .14	45	41	+ 4	NNW	4	bv	4	55	39	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.72	36	NE	1	c	28.76	+ .08	33	32	+ 2	E	2	0	*	39	30	—	

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

WEDNESDAY. 27th February.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

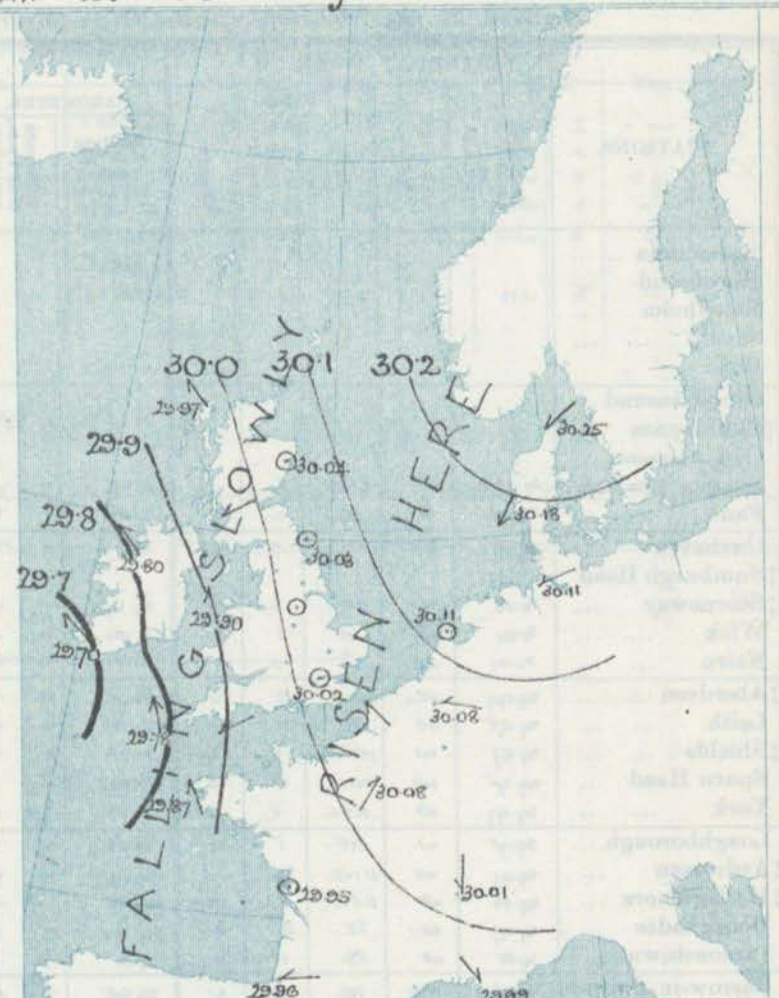
Sea Disturbance — where considerable is shown thus

▨ = Rough ▨ = High

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.791
Stornoway.	29.729
Wick.	29.756
Nairn.	29.772
Aberdeen.	29.793
Leith.	29.821
Shields.	29.857
York.	29.886
Ardrossan.	29.827
Donaghadee.	29.829
Holyhead.	29.855
Liverpool.	29.892
Valencia.	29.870
Roches Point.	29.867
Pembroke.	29.887
Scilly.	29.925
Hurst Castle.	29.938
Dover.	29.946
LONDON.	29.949
Oxford.	29.934
Cambridge.	29.890
Yarmouth.	29.920



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 February.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	38.4	37.6	0.26
Stornoway.	39.0	37.7	0.91
Wick.	38.3	36.8	2.05
Nairn.	37.2	35.7	7.42
Aberdeen.	37.5	35.9	2.32
Leith.	38.9	37.6	7.59
Shields.	38.8	37.5	7.71
York.	37.7	36.7	1.75
Ardrossan.	39.9	38.7	3.33
Donaghadee.	40.6	39.6	2.40
Holyhead.	42.0	40.6	2.00
Liverpool.	39.6	38.0	1.87
Valencia.	45.2	43.4	4.60
Roches Point.	43.6	42.1	4.26
Pembroke.	42.8	41.5	2.84
Scilly.	46.7	45.1	3.75
Hurst Castle.	40.9	40.7	2.07
Dover.	39.7	38.5	2.07
LONDON.	39.3	38.2	1.81
Oxford.	36.7	37.6	1.22
Cambridge.	37.9	36.8	1.53
Yarmouth.	38.5	37.9	2.09

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 27th February* 1884, at 8 a.m.

The area of low pressure still lies off our SW coasts, and the barometer has continued to fall in the more W. parts of our Islands and France. In the meantime the mercury has risen over Scandinavia, Denmark and the East of our Islands, and gradients for SE⁴ winds have consequently been formed over the whole of W. Europe. The wind is E⁴ in Denmark, and calm at several of our eastern and northern stations, but elsewhere it is generally SE⁴. In Ireland and the Sk of England fresh breezes are reported.

The weather is cloudy or overcast at all but our E. stations, and rain is falling in the W. & SW. Temperature has risen in the W., but changed rather irregularly elsewhere; readings range from 49° at Valencia and Scilly to 34° at Naïm and 33° in London. Sharp frost occurred last night over the inland parts of England; in London the thermometer on the grass fell to 20°. The sea is moderate or smooth on all coasts.

The present distribution of pressure is likely to continue for a time, and SE⁴ winds with cold cloudy weather will probably be experienced in most parts of the Kingdom.

FORECASTS

for the 24 hours ending at NOON on 28th Feb^r 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ⁴ winds, moderate; fair generally	6 { SCOTLAND WEST	SE ⁴ winds, moderate; cloudy
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	-----D-----D-----D-----
2 { ENGLAND N.E.	SE ⁴ winds, light; cloudy, some mist	8 { ENGLAND S.W.	SE ⁴ winds, fresh or strong; but, some mist and rain
3 { ENGLAND EAST	-----D-----D-----D-----	9 { IRELAND NORTH	-----D-----D-----D-----
4 { MIDLAND COUNTIES	Same as N ^o 5	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	SE ⁴ & E ⁴ winds, light or moderate; cloudy, probably some rain	WARNINGS	The South Cone is still up in districts 8 and 10

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

TIDE GAUGES 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	29.95	34	33	SSE	6	rs	4	Valencia	29.76	30	30	SE	5	rmf	5
Sumburgh Head								Scilly	29.90	51	50	WSN	3	o	3
Stornoway	30.02	45	44	SE	3	c	2	Dover	29.93	45	42	NNW	3	bc	1
Aberdeen	29.98	43	38	NNE	3	c	3	London	29.93	46	43	WNW	2	a	*
Shields	29.95	43	40	N	1	com	3	Yarmouth	29.91	42	40	N	3	dv	3
Ardrossan	29.98	42	40	ENE	1	o	2	Jersey							
Mullaghmore	29.88	44	41	ESE	5	om	3	Rochefort	30.05	34	32	WNW	5	c	2
Holyhead	29.94	44	40	E	2	bc	2								

REMARKS.

The barometer continues to fall in the W., and to rise in the E. The winds are not materially changed. (All misty weather is reported in the west of Ireland, and rain is falling at Valencia, but at our Eⁿ and Nⁿ stations the weather is fair. Sea is smooth at Holyhead and Dover.

DAILY WEATHER REPORT

for *Thursday 28th February 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.					
			Dirce.	Force. (0 to 12)				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).		Weather.	Max.	Min.	Amount of Rainfall.		
Haparanda	30.20	4	S	2	b.c.	30.19	+11	10	10	+8	Z	0	b	*	?	1	-		
Hernösand ...	30.27	9	Z	0	b	30.35	+16	6	6	-3	Z	0	b	*	28	5	-		
Stockholm ...	30.38	17	N.E.	2	b	30.47	+24	18	17	+2	N.W.	2	o	*	25	16	-		
Wisby ...	30.17	27	N.E.	6	o	30.31	+26	27	26	+1	?	4	o	*	28	25	-		
Bodö ...	30.14	31	S.W.	6	b	30.17	+13	34	36	+2	N.W.	6	o	*	?	36	0.04		
Christiansund ...	30.33	32	S.E.	1	b	30.32	+14	28	27	-1	E.S.E.	2	b	1	37	25	-		
† Skudesnaes ...	30.34	30	Z	0	b	30.36	+11	30	28	-3	S.S.E.	6	o	4	39	30	-		
Oxö (Xilansund) ...	30.32	30	H	4	o	30.36	+10	26	25	-3	N.W.	6	o	3	32	?	-		
Skagen (The Skaw)	30.36	26	E	4	o	30.36	+11	27	25	-2	E.N.E.	5	o	4	30	25	-		
Fanö ...	30.26	28	N.E.	6	o	30.23	+05	26	25	-4	E.N.E.	4	o	*	30	25	0.04		
Cuxhaven ...	30.13	33	E.N.E.	3	o	30.18	+07	31	31	-3	E.N.E.	4	o	*	34	27	-		
† Sumburgh Head																			
† Stornoway ...	29.96	41	S.S.E.	4	b	29.92	+01	40	37	+2	S.E.	5	b	4	45	37	-		
Wick ...	30.07	39	S.E.	5	b.c.	30.12	+06	39	36	+1	S	5	o.w.	4	42	36	-		
Nairn ...	30.00	39	E.S.E.	1	b	30.05	+04	35	33	+1	S.E.	2	o	2	44	33	-		
† Aberdeen ...	30.08	39	S.S.E.	4	c.f.	30.14	+10	37	34	+2	S.E.	5	o	4	43	34	0.07		
Leith ...	30.01	41	S.E.	1	o	30.08	+07	37	35	-2	S.E.	2	o	*	42	35	-		
† Shields ...	30.05	40	S.S.E.	4	o	30.08	+05	38	35	-1	S.E.	6	o	5	42	34	0.05		
Spurn Head ...	30.04	39	E.S.E.	5	o	30.03	+01	36	35	-3	E.S.E.	5	c.f.	5	41	35	0.08		
York ...	30.05	40	E	2	o	30.07	+04	37	34	0	E	1	o	*	45	35	-		
Loughborough ...	30.00	40	E.S.E.	2	o	30.02	+00	33	32	-1	E	2	b.c.w.	*	43	32	-		
† Ardrossan ...	29.96	40	E.N.E.	2	c.f.	30.02	+03	36	35	+1	E.N.E.	2	b	2	44	33	-		
† Mullaghmore ...	29.78	44	E.S.E.	5	o.g.	29.78	-02	42	40	-1	E.S.E.	6	o.g.w.	5	45	41	-		
Donaghadee ...	29.92	43	S.S.E.	4	b.c.	29.95	+01	40	38	-2	S.S.E.	6	o	4	45	39	-		
Parsonstown ...	29.76	46	E.S.E.	2	o	29.79	-01	43	41	-2	S.S.E.	2	o.g.	*	49	42	-		
Barrow-in-Furness	29.97	40	E	3	o	29.99	+01	37	34	+1	S.E.	4	b.c.	4	44	36	-		
† Holyhead ...	29.88	41	S.E.	2	1	29.88	-02	39	37	-1	S.E.	2	o	2	42	35	0.14		
Liverpool (Bidston)	29.74	41	E	4	o	29.98	+00	36	34	+1	E	3	o	3	45	35	-		
† Valencia ...	29.64	52	E.S.E.	2	o.g.	29.69	-01	49	48	0	S.S.E.	3	o	4	54	43	0.12		
Roche's Point ..	29.68	47	S.S.E.	5	1	29.73	-04	48	47	0	S.E.	4	o.w.	4	50	45	0.24		
Pembroke ...	29.80	43	E.S.E.	5	o	29.84	-04	40	40	-3	E.S.E.	5	n.w.	3	43	40	0.31		
† Scilly ...	29.73	49	S	3	o	29.69	-04	44	42	0	S.E.	4	o	4	50	47	0.21		
Prawle Point ...	29.84	46	E.S.E.	4	n.w.	29.82	-02	43	42	-1	E	4	o	4	46	41	0.35		
Hurst Castle ...	29.93	42	E	3	o.w.	29.91	-05	39	38	-3	E.S.E.	3	n.w.	2	48	38	0.08		
† Dover ...	30.01	42	E.S.E.	3	o	29.98	-03	38	35	-3	E	4	b	3	45	36	-		
† London ...	30.00	40	S.E.	3	o	29.99	-03	36	33	+3	S.E.	2	o	*	46	33	-		
Oxford ...	29.99	39	E	3	o	29.97	-04	34	33	0	E.N.E.	3	o	*	44	33	-		
Cambridge ...	30.06	39	E	1	b	30.01	-02	32	31	-3	E	1	b	*	46	29	-		
† Yarmouth ...	30.07	38	E.S.E.	4	b.c.	30.03	-02	36	34	-3	E	6	b	5	39	35	0.01		
The Helder ...	30.13	37	E.N.E.	3	o	30.07	-04	32	30	-3	E	3	o	3	37	32	-		
Cape Griz Nez ...	29.91	39	S	3	b	29.96	+00	30	30	-7	E.S.E.	3	b	1	46	30	-		
† Jersey ...																			
Brest ...	29.79	49	S.S.E.	3	o	29.74	-13	45	45	-2	S.S.E.	4	o	4	50	43	-		
Lorient ...	29.84	49	S	4	o	29.77	-13	43	41	-2	E	5	o	3	54	39	-		
† Rochefort ...	29.85	51	S.W.	1	o	29.75	-20	41	40	-7	E.S.E.	5	b	2	57	36	-		
Biarritz ...	29.77	55	E	3	b	29.64	-32	52	50	+11	S	4	b	1	63	41	-		
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*	30.01	-07	29	29	-4	E	3	o	*	41	28	-		
Charleville ...	30.02	37	E.N.E.	1	b	29.91	-12	27	26	-5	N.E.	1	b	*	42	?	-		
Paris ...	30.03	39	?	3	b	29.95	-13	33	31	-5	?	4	n.w.	*	*	*	-		
Lyons ...	29.94	40	N.W.	1	b	29.89	-12	30	30	-7	N.W.	1	b	*	45	30	0.04		
Toulon ...	29.97	49	S.W.	3	o	29.95	-04	45	43	0	E	4	b.c.	2	55	43	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.76	34	S	2	o	28.77	+01	31	30	-2	E	2	o	*	38	30	-		

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 Thursday, 28th February 1884.

BAROMETER, WIND & SEA.

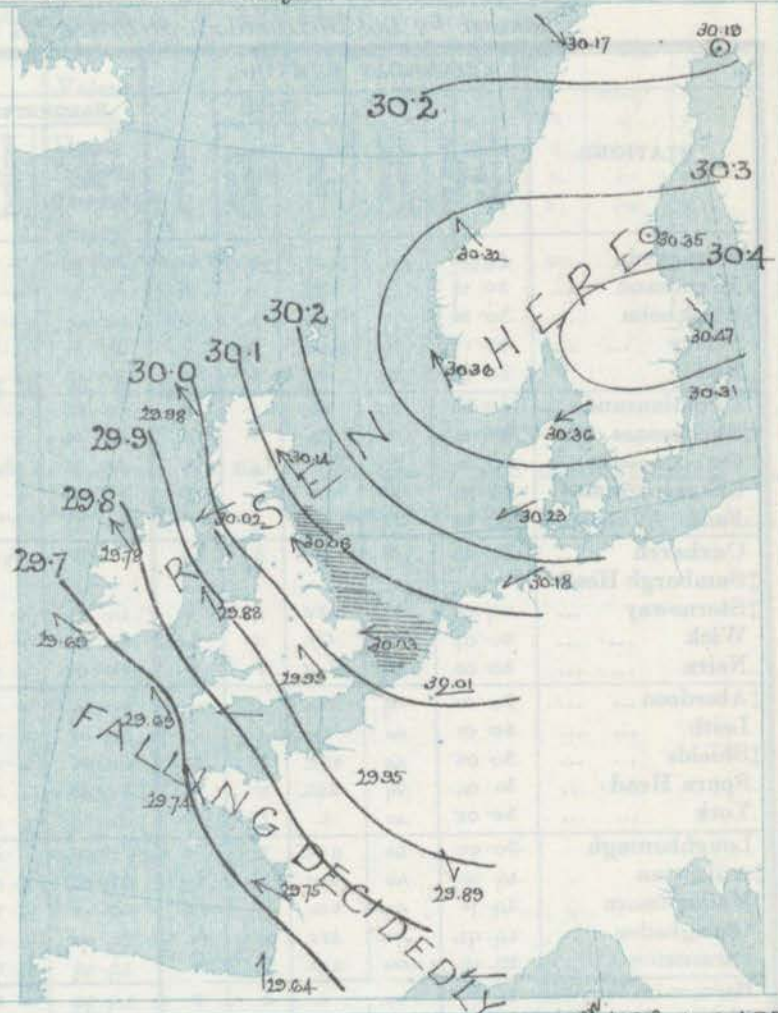
(Explanation of Map)

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

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February
 during the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.766
Nairn	29.773
Aberdeen	29.783
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.887
Donaghadee	29.829
Hotthead	29.855
Liverpool	29.882
Valencia	29.870
Rock's Point	29.867
Pembroke	29.887
Sally	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.971
Oxford	29.981
Cambridge	29.980
Yarmouth	29.980



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 February.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	38.4	37.6	3.26
Stornoway	39.0	37.7	3.91
Wick	38.3	36.8	2.05
Nairn	37.2	35.4	1.42
Aberdeen	37.5	36.0	2.32
Leith	38.9	37.6	1.59
Shields	38.8	37.6	1.71
York	37.7	36.7	1.75
Ardrossan	39.9	38.1	3.33
Donaghadee	40.6	39.0	2.40
Hotthead	42.0	40.5	2.60
Liverpool	39.6	38.0	1.81
Valencia	45.2	43.4	4.60
Rock's Point	43.6	42.1	4.26
Pembroke	42.8	41.6	2.84
Sally	46.7	45.1	2.75
Hurst Castle	40.0	40.1	2.56
Dover	39.7	38.6	2.07
LONDON	39.3	38.2	1.81
Oxford	38.7	37.6	1.92
Cambridge	37.9	36.8	1.53
Yarmouth	38.6	37.9	2.09

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 28th February

1884, at 8 a.m.

Since yesterday morning the barometer has continued to rise over Scandinavia, and the eastern parts of Great Britain, while it has fallen at our western, southern and the French stations, so that gradients for SE^w winds have further increased. The wind is E^w in Denmark, but SE^w in our islands and France; in force it is fresh or strong on our eastern and north-western coasts, but light or moderate elsewhere. The weather is fine and bright in the north of Sweden and south of France, but elsewhere the sky is cloudy or overcast with rain at Pembroke and Hurst Castle and snow showers at Spurn Head. In the course of the past twenty-four hours rain has fallen at several of our western and southern stations. Temperature has fallen a little over France, and the south of our Islands, but changed irregularly elsewhere; readings now range from 49° at Lill to 22° at Cambridge. Frost occurred last night over Central England. The sea is rather rough on the east coast of England, as well as at Mullaghmore, moderate to smooth elsewhere.

The indications are in favour of a further increase in the steepness of gradients, and strong SE^w winds are likely on our eastern and northern coasts.

FORECASTS

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

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ^w winds, increasing considerably, perhaps a gale; fair generally but cloudy.	6 { SCOTLAND WEST	E ^w and SE ^w winds, freshening, cloudy.
1 { SCOTLAND EAST	-----D°-----D°-----D°-----	7 { ENGLAND N.W.	-----D°-----D°-----D°-----
2 { ENGLAND N.E.	-----D°-----D°-----D°-----	8 { ENGLAND S.W.	SE ^w winds, fresh or strong; dull, misty, some rain
3 { ENGLAND EAST	E ^w winds, moderate inland, strong on coast; fair generally.	9 { IRELAND NORTH	-----D°-----D°-----D°-----
4 { MIDLAND COUNTIES	Same as N°5	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	E ^w or SE ^w winds, fresh; cloudy, probably some rain.	WARNINGS	The south cone was hoisted last evening in districts 0 to 2 and part of 3.

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

TUESDAYS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.31	39	52	SE	2	6	3	Valencia	29.65	52	51	SE	4	bc	4
Sumburgh Head								Scilly	29.73	50	50	SE	5	ngm	4
Stornoway	29.47	45	41	SE		6	3	Dover	30.02	45	40	SE	3	bc	1
Aberdeen	30.06	41	38	SE	3	6	2	London	30.00	45	40	SE	2	0	*
Shields	30.32	41	39	SE	4	0	3	Yarmouth	30.06	39	37	SE	4	bc	4
Ardrossan	29.97	43	41	E	3	6	2	Jersey							
Mullaghmore	29.79	41	44	SE	5	om	4	Rochefort	29.92	56	53	SE	5	0	2
Holyhead	29.40	41	40	E	1	2	1								

REMARKS.

There has been no important change since the morning. The barometer continues to fall in the N. and to rise slightly in the E, so that gradients for SE winds are increasing. The weather is fair in most places, but rain is still falling at Scilly. The sea is smooth both at Holyhead and Dover.

DAILY WEATHER REPORT

for *Friday 29th February 1884.*

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.					
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Weather.	Max.	Min.	Amount of Rainfall.		
Haparanda	30.37	21	20	0	6	30.35	+ .16	3	3.4	- 7	20	0	6	2	14	3	-		
Hernösand ...	30.37	21	20	0	6	30.34	+ .04	5	5	- 1	20	0	6	2	?	1	-		
Stockholm ...	30.40	26	E	20	0	30.46	- .01	27	25	+ 9	E	20	0	2	28	10	-		
Wisby ...	30.29	31	E	6	0	30.30	- .01	31	30	+ 4	ESE	6	60	2	?	23	-		
Bodö ...	30.28	37	SW	4	0	30.25	- .08	37	35	- 2	SSW	2	0	2	39	36	0.16		
Christiansund ...	30.32	33	WSW	4	6	30.27	- .05	29	26	+ 1	ESE	2	6	2	36	25	-		
† Skudesnaos ...	30.36	30	SSE	2	0	30.22	- .14	35	31	+ 5	S	2	0	3	?	?	-		
Oxö (Ålön) ...	30.33	28	NE	6	0	30.28	- .08	25	24	- 1	ENE	8	8	4	28	25	-		
Skagen (The Skaw)	30.35	29	E	5	0	30.30	- .06	30	28	+ 3	E	5	0	5	30	27	-		
Fanö ...	30.16	31	E	6	8	30.12	- .11	33	33	+ 7	E	14	0	2	?	25	-		
Cuxhaven ...	30.09	35	ENE	3	0	30.07	- .11	35	34	+ 4	E	2	0	2	?	29	-		
† Sumburgh Head																			
† Stornoway ...	29.94	40	SE	5	0	29.89	- .09	35	33	- 5	SE	5	60	4	45	33	-		
Wick ...	30.07	35	S	6	0	29.97	- .15	36	35	- 3	SE	2	60	3	40	31	0.08		
Nairn ...	30.04	35	ESE	1	6	29.96	- .09	26	26	- 9	SE	1	6	2	41	26	-		
Aberdeen ...	30.07	36	SSE	5	0	29.98	- .16	32	31	- 5	SW	1	5	3	37	30	0.13		
Leith ...	29.99	34	SE	1	0	29.96	- .12	30	28	- 7	SSE	1	60	2	38	26	-		
† Shields ...	30.00	36	E	5	0	30.00	- .08	32	30	- 6	20	0	0	4	38	30	0.02		
Spurn Head ...	29.97	35	ESE	5	0	29.97	- .06	37	34	+ 1	ESE	3	0	4	37	33	0.02		
York ...	30.01	35	E	1	0	30.00	- .07	32	31	- 5	NE	1	0	2	40	29	0.01		
Loughborough ...	29.95	35	E	1	0	29.97	- .05	29	28	- 4	20	0	0	2	42	28	-		
† Ardrossan ...	29.95	36	ENE	2	0	29.93	- .09	33	33	- 3	ENE	1	0	1	42	30	-		
† Mullaghmore ...	29.79	41	SE	5	0	29.77	- .04	41	41	+ 1	ESE	3	0	2	42	40	0.35		
Donaghadee ...	29.92	40	ESE	5	0	29.91	- .04	35	35	- 5	SSE	5	0	3	41	34	0.26		
Parsonstown ...	29.79	41	SSE	1	0	29.82	+ .03	42	40	- 1	S	1	0	0	45	39	0.03		
Barrow-in-Furness	29.94	36	E	3	0	29.97	- .02	34	31	- 3	ENE	2	0	3	41	32	-		
† Holyhead ...	29.88	37	SE	1	0	29.91	+ .03	35	32	- 4	SSE	1	0	1	40	33	0.03		
Liverpool (Bidston)	29.91	37	E	3	0	29.96	- .02	31	28	- 5	ESE	2	0	2	41	30	-		
† Valencia ...	29.70	49	ESE	3	0	29.76	+ .07	48	47	- 1	ESE	4	0	4	53	46	0.01		
Roche's Point ...	29.73	47	SE	4	0	29.79	+ .06	47	45	- 1	SE	5	0	5	50	45	0.06		
Pembroke ...	29.81	38	ESE	5	0	29.90	+ .06	38	36	- 2	ESE	3	0	2	40	37	0.05		
† Scilly ...	29.84	47	E	7	0	29.79	+ .10	45	42	- 4	E	6	0	4	50	42	-		
Prawle Point ...	29.81	41	ENE	6	0	29.85	+ .04	40	37	- 3	ENE	5	0	5	43	38	-		
Hurst Castle ...	29.97	39	E	4	0	29.90	- .07	35	34	- 4	ENE	3	0	2	46	32	0.02		
† Dover ...	29.91	37	E	3	0	29.92	- .06	38	36	0	E	3	0	1	40	36	-		
† London ...	29.94	36	ESE	5	0	29.94	- .05	35	33	- 1	ESE	2	0	2	39	33	-		
Oxford ...	29.95	34	E	3	0	29.96	- .01	32	31	- 2	E	1	0	0	40	29	-		
Cambridge ...	29.91	32	NE	1	0	29.97	- .04	33	32	+ 1	NE	1	0	0	40	28	-		
† Yarmouth ...	29.97	35	E	5	0	29.95	- .08	37	35	+ 1	ESE	4	0	4	38	33	0.01		
The Helder ...	30.02	33	E	1	0	30.02	- .05	30	28	- 2	E	1	0	2	34	30	-		
Cape Griz Nez ...	29.90	33	E	4	0	29.91	- .05	31	31	+ 1	ENE	4	0	2	37	30	-		
† Jersey ...																			
Brest ...	29.68	30	SE	3	0	29.74	- .00	34	33	- 11	E	4	0	3	32	34	-		
Lorient ...	29.69	48	E	7	0	29.75	- .02	37	34	- 6	E	5	0	3	34	34	-		
† Rochefort ...	29.64	52	E	7	0	29.67	- .08	43	42	+ 2	E	7	0	2	59	36	-		
Biarritz ...	29.54	64	S	1	0	29.61	- .03	52	49	0	S	1	0	1	70	48	0.16		
Corunna ...																			
Brussels ...						29.93	- .08	29	29	0	ENE	3	0	2	37	28	-		
Charleville ...	29.86	35	E	4	0	29.78	- .13	29	29	+ 2	ENE	3	0	2	37	26	-		
Paris ...	29.84	41	N	4	0	29.89	- .06	34	32	+ 1	ENE	3	0	2			-		
Lyons ...	29.77	43	N	1	0	29.78	- .11	38	37	+ 8	N	1	0	2	46	?	-		
Toulon ...	29.93	47	E	5	0	29.89	- .06	46	41	+ 1	E	7	0	5	57	41	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.71	28	E	2	5	28.70	- .07	26	25	- 5	E	2	0	2	34	22	0.03		

EXPLANATION OF COLUMNS.

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

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

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

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

Fred. Vangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on

Friday, 29th February.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

○ = dead calm.

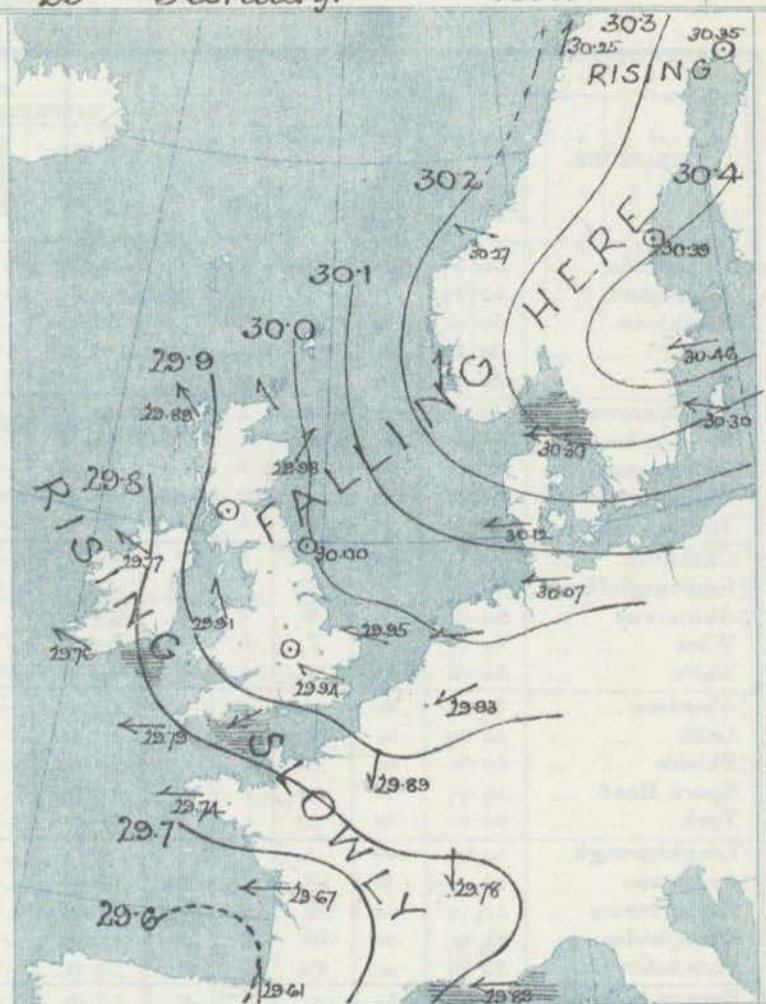
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.731
Stornoway.	29.729
Wick.	29.756
Nairn.	29.773
Aberdeen.	29.793
Leith.	29.823
Shields.	29.857
York.	29.885
Ardrossan.	29.877
Donaghadee.	29.829
Holyhead.	29.855
Liverpool.	29.892
Valencia.	29.870
Roches Point.	29.867
Pembroke.	29.867
Scilly.	29.925
Hurst Castle.	29.938
Dover.	29.946
LONDON.	29.947
Oxford.	29.954
Cambridge.	29.880
Yarmouth.	29.920



REMARKS.

for Friday 22nd February, 1884, at 8 a.m.

There is again very little change to report in the distribution of pressure over Western Europe, but as the barometer has fallen at the northern and eastern stations, while it has risen over France and the south-west of our Islands gradients have become moderate. The wind is E^{ty} on our southern coasts as well as in Denmark, but is SE^{ty} elsewhere. In force it is light or moderate at all our western and south-western stations, where it blows freshly. The weather is fine in Scotland, the greater part of France, and the south-east of England, but cloudy or overcast elsewhere with rain at Mullaghmore. In the course of the past twenty-four hours rain has fallen in the west of our Islands, and snow or sleet showers in the north and east. Temperature has fallen in most places, and readings now range from 48° at Valencia to 26° at Kairn. Sharp frost occurred last night over Scotland and Central England. The sea is rather rough at Traque Point and Roche's Point, moderate or slight elsewhere.

The changes now in progress are likely to result in a greater uniformity of pressure, but there is no indication of any important alteration.

FORECASTS

for the 24 hours ending at NOON on 1st March 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ^{ty} and S ^{ty} winds, moderate; fair generally, but some snow showers.	6 { SCOTLAND WEST	SE ^{ty} winds, moderate; dull, some snow or sleet.
1 { SCOTLAND EAST	-----D°-----D°-----D°-----	7 { ENGLAND N.W.	-----D°-----D°-----D°-----
2 { ENGLAND N.E.	Same as No 5.	8 { ENGLAND S.W.	SE ^{ty} winds, fresh or strong; dull, some cold rain.
3 { ENGLAND EAST	Same as No 5.	9 { IRELAND NORTH	-----D°-----D°-----D°-----
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	E ^{ty} and SE ^{ty} winds, light or moderate; cloudy, showers of snow locally.	WARNINGS	The south cone has been lowered this morning in districts 0 to 2 and part of 3.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.56	33	31	SSE	6	60	4	Valencia	29.69	53	50	SE	4	C	5
Sumburgh Head								Scilly	29.69	19	17	ESE	5	C	4
Stornoway	29.97	45	41	ESE	5	6	4	Dover	29.94	38	35	ESE	4	C	3
Aberdeen	30.10	36	33	SE	4	0.8	10	London	29.93	38	34	ESE	4	0.9	5
Shields	30.03	36	33	E	5	0	4	Yarmouth	29.99	37	33	E	5	6	5
Ardrossan	29.98	40	39	ESE	4	C	2	Jersey							
Mullaghmore	29.78	42	41	ESE	5	0.9	5	Rochefort	29.70	58	54	ESE	4	6	2
Holyhead	29.89	38	37	S	1	N	1								

REMARKS.

The barometer is now falling a little on our N^e and Est coasts, but in the Str. it appears to be almost stationary. The winds and weather are very little changed. The sea is smooth at Holyhead, slight at Dover.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR FEB^y 1884

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	+ YESTERDAY EVENING.				8 A.M. TO DAY.										PAST 24 HOURS.			
		Barometer at 35° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.			
				Dirac.	Force. (0 to 15).		Reading at 12° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.	
1st	Sunbury 1st 2pm	29.59	38	N	1	C	29.56	+ .25	84	30	-	5	NNE	5	0	6	44	32	0.14
	Stormy 1st 2pm	29.41	36	SW	1	C	29.48	+ .07	87	37	-	3	NNE	8	0	6	45	33	0.38
	Wick 1st 2pm	29.46	39	SW	1	C	29.51	+ .05	87	37	-	3	NNE	8	0	6	45	33	0.08
	Concord 1st 2pm	29.4	4	N	1	C	29.19	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 1st 4pm	29.58	31	N	1	C	29.58	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 1st 4pm	29.71	35	N	1	C	29.71	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 1st 4pm	29.10	30	N	1	C	29.10	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 1st 4pm	29.16	33	N	1	C	29.16	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Wick 1st 4pm	29.10	30	N	1	C	29.10	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 1st 4pm	29.36	37	N	1	C	29.36	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 1st 4pm	29.11	32	N	1	C	29.11	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Sunbury 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	0.28
	Stormy 2pm	29.51	40	N	1	C	29.51	-	88	47	-	1	NNE	8	0	6	46	39	

SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING

Observations are made

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

Names of Districts	Names of Stations	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from observations made at 8 a.m.	Air Temperature								Tension of Vapour
			At 8 a.m.	Means of			Absolute Extremes				
				Minima	Maxima	Min. and Max. combined	Minimum	Date	Maximum	Date	
		ins.	°	°	°	°	°				ins.
0. SCOTLAND, N.	Sumburgh Head ...	29.698	40.4	35.5	43.5	39.5	27	2nd	48	4 th	0.218
	Wick ...	29.697	39.5	34.9	43.9	39.4	30	1 st 3 rd 24 th 25 th	49	3 rd 4 th 12 th 14 th	207
	Stornoway ...	29.598	40.2	35.3	45.4	40.4	28	2nd	50	4 th 18 th	228
1. SCOTLAND, E.	Nairn ...	29.678	38.4	34.8	45.3	40.1	26	29 th	53	9 th	197
	Aberdeen ...	29.749	39.5	35.9	44.5	40.2	27	8 th	53	4 th	207
	Leith ...	29.743	40.0	36.2	46.6	41.4	26	29 th	54	9 th	222
2. ENGLAND, N.E.	Shields ...	29.803	44.0	37.3	45.0	41.2	29	3 rd	57	4 th 5 th 6 th 12 th 13 th	221
	York ...	29.853	39.7	26.2	46.4	41.3	29	3 rd 24 th 29 th	53	13 th	212
	Spurn Head ...	29.852	40.3	37.0	44.5	40.8	32	3 rd	49	5 th 9 th 14 th 20 th 22 nd	229
3. ENGLAND, E.	Yarmouth ...	29.919	40.7	37.3	44.7	41.0	30	3 rd	52	20 th	231
	Cambridge ...	29.912	39.6	35.0	48.1	41.6	28	3 rd 4 th 29 th	56	13 th	221
4. MIDLAND COUNTIES.	Loughborough ...	29.869	39.2	26.4	47.4	41.9	28	29 th	55	13 th 14 th	212
	Oxford ...	29.902	40.1	37.6	47.2	42.4	29	3 rd 24 th 29 th	54	13 th	219
5. ENGLAND S.	London ...	29.927	40.7	37.7	48.1	42.9	28	3 rd	57	13 th	222
	Dover ...	29.942	42.3	39.7	46.4	43.1	33	3 rd 4 th 24 th	50	13 th 14 th 24 th	238
	Hurst Castle ...	29.902	43.3	40.1	48.4	44.3	28	3 rd	54	14 th	252
6. SCOTLAND, W.	Ardrossan ...	29.724	40.3	36.6	44.6	40.6	30	26 th 29 th	49	3 rd	243
7. ENGLAND, N.W.	*Hawes Junction ...	28.568	35.6	32.2	39.8	36.0	21	3 rd	47	9 th	199
	Barrow-in-Furness...	29.788	40.5	37.8	44.8	41.3	30	3 rd	48	9 th 12 th 13 th 14 th 20 th	220
	Liverpool Obs ^r (Bidston)	29.807	40.1	37.6	45.6	41.6	30	29 th	53	9 th	212
	Holyhead ...	29.762	42.9	38.4	46.0	42.2	33	3 rd 17 th 29 th	50	13 th 14 th	235
8. ENGLAND, S.W.	Pembroke ...	29.785	44.1	40.8	46.3	43.6	34	3 rd	50	9 th 13 th 20 th	262
	Frawle Point ...	29.872	44.2	40.1	47.7	43.9	30	3 rd	53	14 th	259
9. IRELAND, N.	Donaghadee ...	29.726	41.1	37.1	45.8	41.5	29	8 th	52	4 th	234
	Mullaghmore ...	29.626	42.3	38.8	47.0	42.9	32	11 th	52	9 th 17 th	240
10. IRELAND, S.	Parsonstown ...	29.702	41.1	37.0	47.3	42.2	29	3 rd	54	19 th	226
	Valencia ...	29.670	45.9	41.6	50.3	46.0	34	10 th 11 th 21 st	54	24 th 27 th	275
	Roche's Point ...	29.708	44.7	40.4	49.9	45.2	32	3 rd	52	3 rd 4 th 9 th 13 th 19 th 20 th	264
CHANNEL ISLANDS.	Scilly (St. Mary's)...	29.791	47.4	43.3	49.9	46.6	34	3 rd	54	9 th 18 th	282
	Jersey (Noirmont)...	29.917	44.2	41.5	48.1	44.8	35	29 th	55	14 th	267
*Hawes Junction is 1135 feet above mean Sea Level and the											

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

STATIONS in the BRITISH ISLANDS during the month of FEBRUARY, 1884.
at 8 a.m. daily.

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

Relative Humidity	Amount of Cloud	Rainfall			Weather							Wind								
		Total Fall in the month	Maximum Fall in one day	Date	No. of Days of							No. of observations of								
					Rain	Snow	Hail	Thunderstorms	Clear Sky	Overcast	Gales	North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calms
%		ins.	in.																	
87	74	2.80	0.36	4 th	25	1	0	0	2	13	7	3	2	0	7	9	3	3	2	0
86	67	0.94	0.16	19 th	15	0	0	0	4	12	7	1	0	1	2	15	1	5	4	0
92	68	4.48	0.63	22 nd	22	3	1	0	6	16	9	0	2	2	9	7	5	3	1	0
83	5.9	0.99	0.32	10 th	10	1	0	0	8	12	3	1	0	3	4	0	6	3	2	10
86	6.9	1.90	0.46	13 th	20	2	3	0	5	13	6	2	1	0	3	11	7	1	3	1
90	6.3	1.19	0.25	1 st	14	0	0	0	5	8	3	0	2	1	10	3	7	3	3	0
86	8.8	0.86	0.17	1 st	17	1	2	0	0	20	8	2	1	0	4	4	10	5	1	2
87	70	1.99	1.17	1 st	16	2	0	0	7	16	0	2	1	4	3	12	3	2	2	0
92	5.8	0.85	0.27	1 st	13	1	0	0	7	6	8	0	1	3	6	10	5	3	1	0
91	4.3	0.72	0.16	14 th + 22 nd	15	1	0	0	12	4	4	0	1	3	4	7	8	4	1	1
91	5.9	1.04	0.27	22 nd	12	0	3	1	10	14	0	1	3	5	1	11	6	1	1	0
88	7.3	1.18	0.48	1 st	13	0	3	0	3	15	8	0	1	5	2	4	8	4	2	3
89	6.3	1.29	0.47	24 th	12	0	2	0	8	12	2	0	2	6	1	7	9	4	0	0
88	5.7	1.10	0.28	1 st	13	0	1	1	7	9	2	0	1	2	5	10	4	4	0	3
89	3.4	2.14	0.27	10 th	19	0	0	0	15	4	1	1	1	3	4	2	9	7	2	0
90	6.4	2.42	0.45	11 th	20	0	1	1	2	6	6	0	2	5	2	5	7	5	2	1
98	7.4	4.72	0.77	17 th	22	1	1	1	7	19	9	1	7	4	3	4	4	3	1	2
95	8.6	4.93	0.83	9 th	24	6	0	0	3	23	1	4	1	5	4	6	5	3	0	1
88	7.1	3.14	0.74	17 th	20	0	0	0	1	11	5	2	4	3	7	5	6	0	2	0
85	7.1	2.14	0.40	1 st	18	2	1	0	6	15	0	0	1	5	7	4	8	2	2	0
85	7.9	6.00	1.08	1 st	23	0	0	0	1	15	2	1	1	1	7	7	7	4	1	0
90	8.9	4.86	0.64	12 th	24	0	0	0	0	21	7	0	1	4	5	8	6	4	1	0
89	6.8	2.74	0.39	22 nd	20	0	0	0	5	14	7	1	1	7	2	7	5	5	1	0
91	5.8	4.72	0.82	19 th	21	0	0	0	6	10	6	2	1	2	4	5	4	8	3	0
89	7.4	4.13	0.96	20 th	23	3	4	2	4	12	10	1	1	3	8	5	9	1	1	0
88	8.4	3.11	0.61	20 th	20	1	0	0	2	21	0	0	1	0	6	12	2	5	2	1
90	8.7	9.45	1.37	20 th	28	1	3	2	0	17	8	1	2	3	6	3	8	3	1	2
89	8.4	8.34	0.90	12 th	26	1	2	0	1	21	8	1	1	0	8	4	8	6	1	0
87	8.1	3.16	0.42	13 th	20	0	0	0	0	13	7	2	0	3	4	8	6	4	2	0
92	6.5	2.54	0.40	16 th	19	0	2	0	6	10	6	0	1	4	7	4	8	3	2	0

Barometric Observations at this station are not corrected for altitude

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

DATE.	STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.			
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
				Direc.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force (0 to 12).			Max.	Min.		
18 th	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	39	-	SSE	7	C	7	-	-	-	
19 th	Jersey 2pm	29.96	40	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	42	37	0.02	
"	Samburgh Hd	29.98	41	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	42	37	0.02	
"	Jersey	29.98	41	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	42	37	0.02	
"	Corunna	29.98	41	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	42	37	0.02	
"	Cherbourg	29.99	43	S	-	-	29.99	+ .09	48	40	-	SSE	7	C	7	40	31	0.08	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
20 th	Samburgh Hd	29.98	40	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	41	36	0.08	
"	Jersey	29.98	40	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	41	36	0.08	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
21 st	Samburgh Hd	29.96	44	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.09	
"	Jersey	29.97	44	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.09	
"	Narvik	29.98	44	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.09	
"	Rapallo	29.98	44	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.09	
"	Pembroke	29.98	44	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.09	
"	Jersey	29.98	44	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.09	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
22 nd	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.12	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.12	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
23 rd	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.23	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.23	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
24 th	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.38	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.38	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
25 th	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.05	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.05	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
26 th	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.16	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.16	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
27 th	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
28 th	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.08	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.08	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
29 th	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.02	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.02	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
30 th	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.05	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.05	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
31 st	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
1 st	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
2 nd	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
3 rd	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
4 th	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
5 th	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
6 th	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
7 th	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
8 th	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
9 th	Samburgh Hd	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Jersey	29.97	43	SSE	-	-	29.99	-	47	38	-	SSE	7	C	7	46	38	0.01	
"	Samburgh Hd 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7	C	7	-	-	-	
"	Jersey 2pm	-	-	-	-	-	29.99	-	47	38	-	SSE	7						