

METEOROLOGICAL OFFICE.

---

DAILY WEATHER REPORTS.

---

1<sup>ST</sup> JANUARY—30<sup>TH</sup> JUNE,

**1877.**



MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH  
DAILY TO THE METEOROLOGICAL OFFICE, JAN, 1, 1877.

Published by the Admiralty

# DAILY WEATHER REPORT APRIL 15<sup>th</sup> 1877.

STATIONS.	† YESTERDAY EVENING.					3 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 350 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 350 F. and Sea Level.	Difference from 3 A.M. yesterday.	Dry.	Wet.	Difference from 3 A.M. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.58	17	SE	2	o	29.43	- .44	21	19	- .23	SE	6	o	*	*	*	-	
Hernösand ...	29.34	30	S	8	S	28.95	- .82	32	32	+ .25	SE	8	5	*	*	*	0.18	
Stockholm ...	29.47	34	SSW	4	o	29.12	- .70	34	?	+ .9	SW	4	6	*	*	*	-	
Wisby ...	29.69	35	SSW	6	o	29.29	- .62	35	34	+ .7	WSW	6	o	*	*	*	0.20	
Christiansund ...	29.12	33	N	6	o	29.02	- .21	30	28	- .6	ESE	2	6	5	36	25	-	
Skudesnaes ...	29.41	35	N	5	be	29.35	- .21	37	35	- .3	NNN	8	o	5	41	34	0.04	
Oxö (Ktiansand) ...	29.41	37	N	4	6	29.36	- .32	36	33	o	WSW	7	6	4	37	30	-	
Skagen (The Head) ...	29.40	38	WSW	5	o	29.35	- .43	36	32	+ .1	NN	7	6	5	41	32	0.08	
Fanö ...	29.65	41	WSW	5	o	29.64	- .25	42	38	+ .2	NNN	6	6	*	33	37	0.12	
Cuxhaven ...	29.82	49	NNN	5	+	29.75	- .27	42	39	o	NN	5	6	*	4	40	0.04	
Sumburgh Head																		
Stornoway	29.82	39	NN	5	o	29.87	+ .24	40	35	- .3	NNN	3	be	4	44	35	0.04	
Thurso ...	29.69	37	NN	7	o	29.76	+ .25	40	37	- .4	NN	7	og	7	45	35	0.14	
Wick ...	29.73	34	N	4	o	29.76	+ .24	38	36	- .8	N	5	og	3	46	32	0.12	
Nairn ...	29.82	39	NNN	5	c	29.86	+ .23	39	35	- .7	NN	4	be	2	49	36	-	
Aberdeen ...	29.73	41	NN	4	o	29.79	+ .34	41	36	- .4	NN	4	be	2	52	38	0.06	
Leith ...	29.85	49	NN	4	o	29.89	+ .13	40	38	- .7	N	3	be	*	55	37	0.03	
Shields ...	29.81	49	NNN	5	be	29.91	+ .04	41	38	- .6	NNN	3	be	1	53	37	-	
York ...	29.90	49	N	5	c	29.96	- .01	43	40	- .3	NNN	2	o	*	50	40	-	
Scarborough ...	29.85	50	N	3	m	29.93	- .03	43	39	- .2	NN	2	c	2	52	39	-	
Nottingham ...	30.00	47	SW	4	o	30.02	- .04	44	42	- .1	NNN	2	o	*	56	43	-	
Ardrossan ...	29.88	46	NN	5	c	29.96	+ .09	43	39	- .4	NNN	3	o	2	51	42	0.01	
Greencastle ...	29.96	47	NN	5	o	29.99	+ .09	43	43	- .5	NN	1	o	*	53	41	0.05	
Donaghadee ...	30.00	45	NNN	6	c	30.00	+ .05	44	43	- .3	NN	4	be	3	52	42	-	
Kingstown ...	30.05	52	NNN	5	c	30.05	- .02	48	48	+ .3	NNN	5	o	4	54	46	-	
Holyhead ...	30.03	50	N	5	o	30.04	- .02	46	46	o	WSW	1	6	o	53	45	0.05	
Liverpool (Bidston) ...	29.96	49	WSW	6	o	30.00	- .02	44	44	- .1	NNN	3	o	3	49	43	0.04	
Valencia ...	30.21	50	NNN	3	o	30.22	+ .01	51	50	+ .3	NNN	3	o	3	?	46	0.03	
Roche's Point...	30.19	50	NNN	4	o	30.17	- .02	51	48	+ .3	NN	4	o	3	54	47	-	
Pembroke ...	30.11	47	N	3	c	30.09	- .06	48	47	+ .1	NNN	4	o	3	49	46	-	
Portishead ...	30.08	48	SSW	4	o	30.06	- .07	47	46	+ .1	SW	3	c	3	51	43	-	
Scilly ...																		
Plymouth ...	30.17	50	NN	2	c	30.15	- .05	52	50	+ .9	NN	2	o	*	56	42	-	
Hurst Castle ...	30.10	49	NNN	3	c	30.07	- .10	49	49	+ .3	NNN	3	o	2	49	43	-	
Dover ...	30.05	50	WSW	3	be	30.02	- .10	47	45	- .1	WSW	2	cdp	1	50	46	0.00	
London ...	30.05	52	N	3	o	30.02	- .11	50	47	+ .5	NNN	3	o	*	54	43	-	
Oxford ...	*	*	*	*	*	30.03	- .09	49	47	+ .5	N	2	o	*	53	44	-	
Cambridge ...	30.03	57	WSW	2	o	30.01	- .06	45	44	- .1	NN	1	+	*	52	44	0.02	
Yarmouth ...	29.96	49	N	3	be	29.96	- .08	43	41	- .2	NN	2	ben	*	50	41	0.02	
The Helder ...	*	*	*	*	*	29.88	- .15	43	40	- .1	NN	2	o	*	*	*	0.04	
Cape Gris Nez ...	30.05	46	WSW	4	o	30.04	- .09	46	46	+ .1	NN	2	o	1	50	45	0.04	
Brest ...	30.28	64	N	1	6	30.26	- .03	46	45	- .2	N	1	o	2	?	41	-	
L'Orient ...	30.24	50	NNN	3	+	30.26	- .04	45	45	+ .4	E	1	6	3	55	39	-	
Rochefort ...	30.09	59	NNN	4	be	30.12	- .05	52	?	+ .4	ENE	3	6	3	72	39	-	
Biarritz ...	30.06	63	E	3	o	30.12	- .05	59	57	+ .5	Z	o	be	3	66	50	-	
Coranna ...	*	*	*	*	*	30.25		61	*		SW	?	c	1	*	*	*	
Brussels ...	*	*	*	*	*	29.97	- .21	46	*	+ .1	NNN	3	+	*	*	*	0.05	
Charleville ...	*	*	*	*	*	30.01	- .15	45	*	- .1	NNN	3	c	*	*	*	*	
Paris ...	30.44	50	N	3	6	30.12	- .11	47	*	- .1	N	2	o	*	*	*	-	
Lyons ...	*	*	*	*	*	30.21	- .03	46	*	- .9	E	2	6	*	*	*	*	
Toulon ...	30.07	63	N	3	6	30.03	+ .01	54	45	- .3	NN	3	o	3	68	34	-	

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

	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnaes ...	29.43	41	38	N	6	c	4	Valencia .....	30.23	52	49	N	2	og	3
Thurso .....	29.61	41	38	N N N	6	og	5	Scilly .....							
Scarborough ...	29.87	50	48	N	3	o	2	London .....	30.10	52	47	N	3	o	*
Greencastle ...	29.92	53	50	N N N	5	o	*	Rochefort ...	30.11	72	59	E	3	6	1
Holyhead .....	30.04	50	48	N S N	4	om	3								

No important change has occurred, beyond the fact that the sky has become very cloudy in the S. of England.

## EXPLANATION OF COLUMNS.

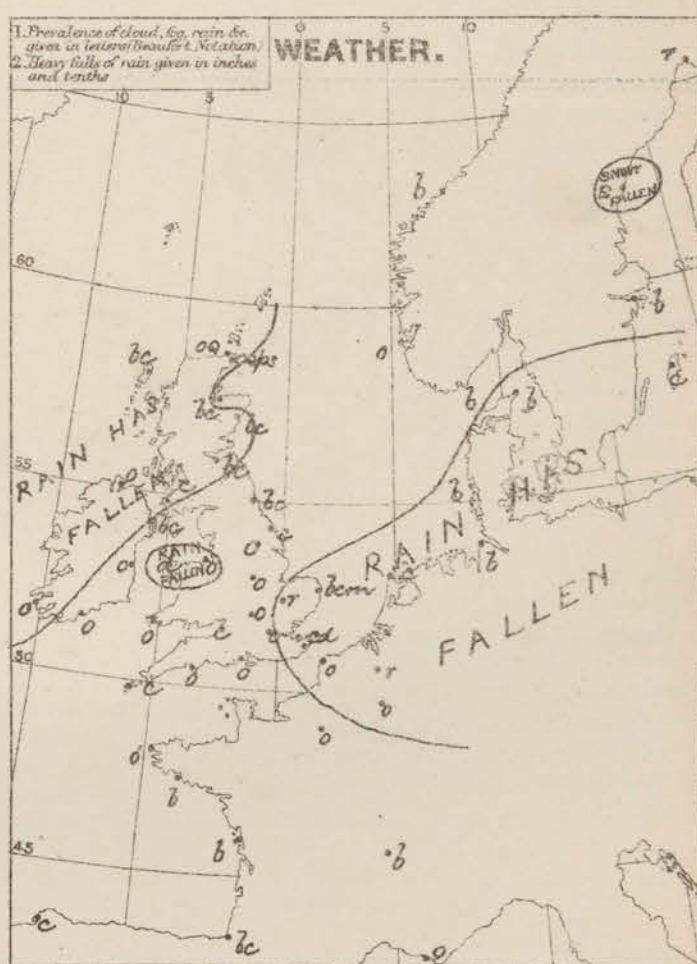
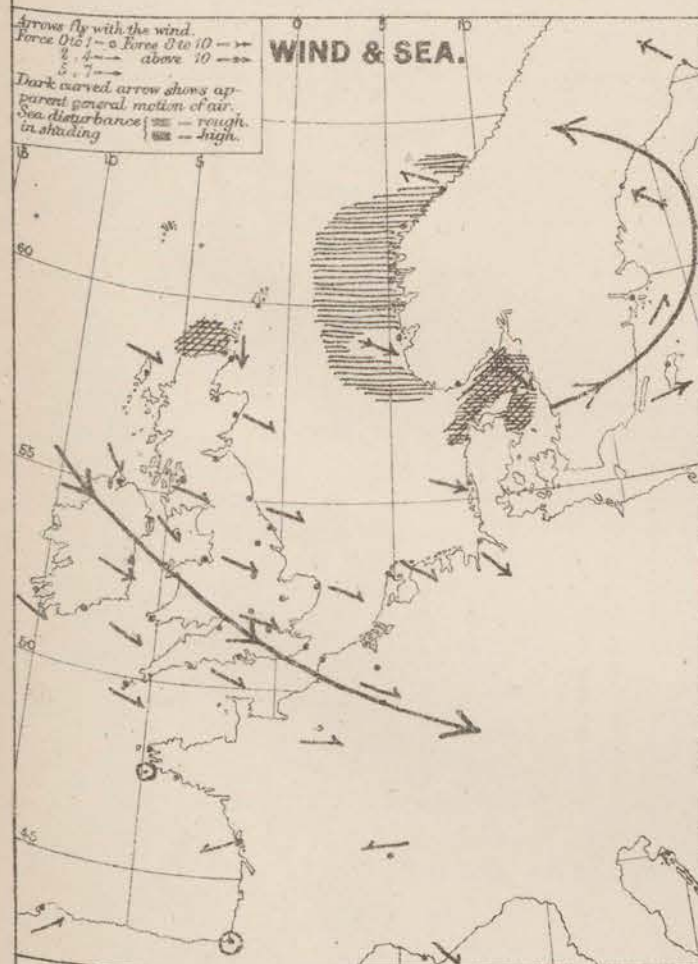
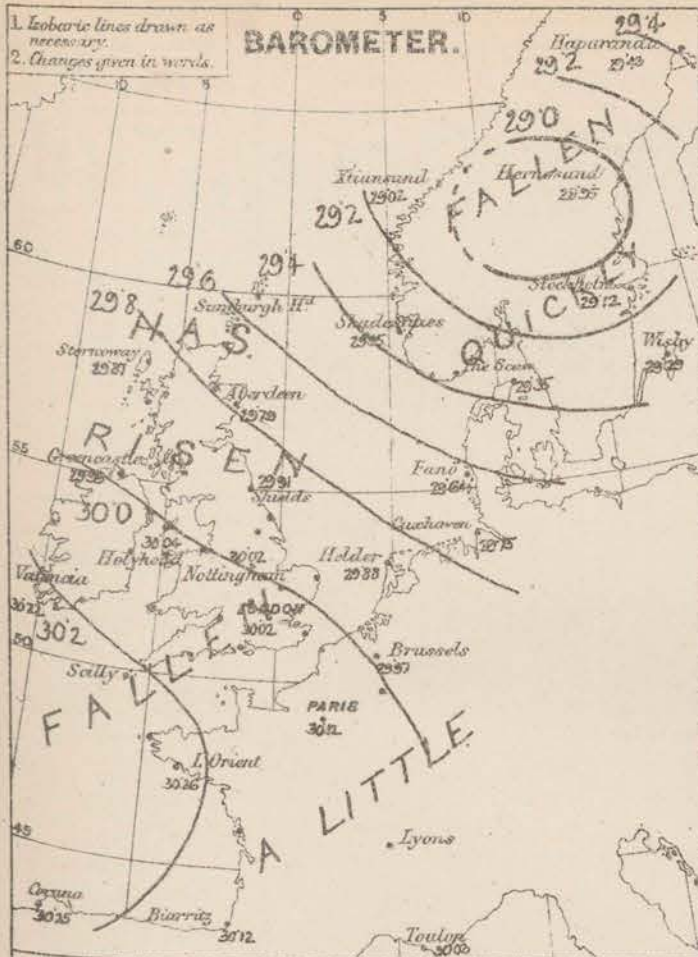
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Sunday 1<sup>st</sup> APRIL 1877.



REMARKS. The depression which lay off the west coast of Norway yesterday has continued its course slowly E. and is this morning found over Sweden. The barometer has therefore fallen quickly over the Baltic and Gulf of Bothnia, while in the north of our Islands a recovery is in progress which will doubtless extend to the Norwegian stations in the course of the day. Strong winds or gales are reported from all the Scandinavian and Danish stations, in Denmark and the south of Norway they are from W. or N.W., in the Baltic from SW, but in the Gulf of Bothnia they are from SE. At the British and Irish stations the wind has veered to NW or WNW and fallen light but in France the breezes are more variable in direction. Temperature has fallen a few degrees in the north of our Islands but has risen in most other places, and in Sweden the rise has amounted to as much as 25° in the twenty four hours. A little rain has fallen on our west coasts and also at some of the Continental stations but in England the weather has been generally dry. The sky is now overcast except in the north and Denmark but the weather does not appear very settled. The sea is high at Thessa and the Læv, much off the west coast of Norway, slight or smooth in other places.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

*Meteorological Office,  
116, Victoria Street, Westminster, S.W.*

**R. H. SCOTT.**  
Director.

Senpottfield Inn, 32 Bedford St. Covent Garden.

# DAILY WEATHER REPORT APRIL 2<sup>ND</sup> 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		BEAUF. TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.		
Haparanda ...	29.37	28	SE	4	0	29.38	-.05	28	27	+	7	NE	6	0	*	*	-	
Hernösand ...	28.99	30	Z	0	6	29.11	+.16	27	27	-	5	NNE	4	5	*	*	0.04	
Stockholm ...	28.89	31	SSW	2	0	29.09	-.03	31	?	-	3	SSW	2	bc	*	*	0.20	
Wisby ...	29.19	35	SW	4	0	29.14	-.15	34	32	-	1	WSW	4	f	*	*	-	
Christiansund ...	29.29	33	WSW	6	0	29.24	+.32	32	31	+	2	SE	1	0	5	36	28	
Skudesnaes ...	29.32	36	NNW	7	0	29.23	-.02	37	36	0	0	NNW	8	0	4	?	38	
Oxö (Klansand) ...	29.26	37	NNW	5	6	29.17	-.19	37	33	+	1	NNW	5	c	3	39	34	
Skagen (The Seaw) ...	29.23	36	NNW	7	6	29.14	-.21	38	35	+	2	NNW	6	bc	5	41	32	
Fanö ...	29.36	38	W	6	4	29.47	-.17	40	37	-	2	NNW	8	0	*	43	36	
Cuxhaven ...	29.71	53	NNW	7	1	29.62	-.13	41	38	-	1	NNW	6	0	*	4	35	
Sumburgh Head																		
Stornoway	29.94	39	NNW	4	bc	29.75	-.12	39	36	-	1	SSW	3	bc	4	41	32	
Thurso ...	29.81	38	NNW	6	0	29.76	-.06	40	36	0	0	NNW	3	q	5	43	38	
Wick ...	29.79	38	NNW	5	0	29.76	-.06	37	35	-	1	NNW	2	0	2	43	34	
Nairn ...	29.91	37	NNW	3	bc	29.84	-.02	36	34	-	3	NNW	1	bc	1	44	34	
Aberdeen ...	29.82	40	NNW	4	bc	29.87	+.02	37	33	-	4	NNW	3	f	2	44	36	
Leith ...	29.87	44	NNW	3	0	29.86	-.03	39	37	-	1	W	2	c	*	50	35	
Shields ...	29.88	45	NNW	4	0	29.90	-.01	38	36	-	3	W	2	bc	2	47	33	
York ...	29.93	45	NNW	2	0	29.94	-.02	38	36	-	5	NNW	1	f	*	48	34	
Scarborough ...	29.92	42	Z	0	0	29.91	-.02	42	38	-	1	NNW	2	f	3	47	36	
Nottingham ...	29.97	47	NNW	4	0	29.97	-.05	44	41	0	0	WSW	2	c	*	57	35	
Ardrossan ...	29.94	45	NNW	3	bc	29.89	-.07	42	39	-	1	SE	1	f	0	47	37	
Greenecastle ...	29.98	45	NNW	2	0	29.83	-.16	47	47	+	4	W	2	0	*	47	42	
Donaghadee ...	29.98	45	NNW	4	0	29.90	-.10	44	44	0	0	S	2	+	2	47	42	
Kingstown ...	30.01	50	NNW	4	0	29.96	-.09	50	49	0	0	NNW	4	c	3	53	48	
Holyhead ...	30.30	47	W	1	+	29.94	-.10	48	45	+	2	W	3	m	2	50	45	
Liverpool (Bidston) ...	29.97	46	W	3	0	29.95	-.05	43	42	-	1	NNW	1	0	2	46	42	
Valencia ...	30.20	52	NNW	3	0	30.06	-.16	49	48	-	2	WSW	1	bc	1	54	46	
Roehe's Point... ..	30.17	54	NNW	5	0	30.04	-.13	49	46	-	2	W	3	bc	2	58	47	
Pembroke ...	30.05	49	W	4	0	30.00	-.09	48	47	0	0	NNW	1	0	3	50	47	
Portishead ...	30.02	57	W	4	0	30.00	-.06	49	47	+	2	WSW	2	0	2	54	45	
Scilly ...																		
Plymouth ...	30.11	53	NNW	2	0	30.05	-.06	57	53	-	1	N	1	0	*	59	49	
Hurst Castle ...	30.03	53	NNW	3	0	30.01	-.06	52	57	+	3	NNW	3	bc	2	55	46	
Dover ...	29.96	47	W	1	0	29.97	-.05	46	42	-	1	NNW	2	f	1	50	43	
London ...	29.97	53	NNW	3	0	29.98	-.04	46	43	-	4	NNW	3	0	*	55	43	
Oxford ...	*	*	*	*	*	29.98	-.05	47	44	-	2	NNW	1	0	*	56	44	
Cambridge ...	29.96	49	NNW	1	0	29.96	-.08	43	41	-	2	NNW	1	bc	*	57	36	
Yarmouth ...	29.92	45	Z	0	0	29.93	-.03	59	38	-	4	NNW	2	bc	*	47	36	
The Helder ...	*	*	*	*	*	29.84	-.04	42	37	-	1	NNW	4	c	*	*	0.04	
Cape Gris Nez	29.97	46	SSW	1	+	29.98	-.06	45	41	-	1	N	3	bc	3	50	43	
Brest ...	30.21	54	NNW	2	0	?	?	48	46	+	2	?	1	0	2	?	45	
L'Orient ...	30.18	52	NNW	3	0	30.14	-.12	46	46	+	1	NNW	3	0	3	54	43	
Rochefort ...	30.09	?	NNW	4	6	30.07	-.05	50	48	-	2	NNE	4	0	3	64	39	
Biarritz ...	30.08	64	N	2	0	30.05	-.07	55	54	-	4	Z	0	bc	3	70	50	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.92	-.05	43	*	-	3	NNW	3	0	*	*	0.12	
Charleville ...	*	*	*	*	*	29.95	-.06	44	*	-	1	NNW	3	bc	*	*	*	
Paris ...	30.07	57	W	2	0	29.99	-.13	49	*	+	2	WSW	4	0	*	*	*	
Lyons ...	*	*	*	*	*	30.12	-.09	57	*	+	5	S	4	0	*	*	*	
Toulon ...	29.91	63	NNW	5	bc	29.86	-.17	54	46	0	0	NNW	5	bc	5	63	54	

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.39	38	36	NNW	8	5	Valencia ...				
Thurso ...							Scilly ...				
Scarborough ...							London ...				*
Greenecastle ...						*	Rochefort ...	30.15	61	55	NNE
Holyhead ...											3

## EXPLANATION OF COLUMNS.

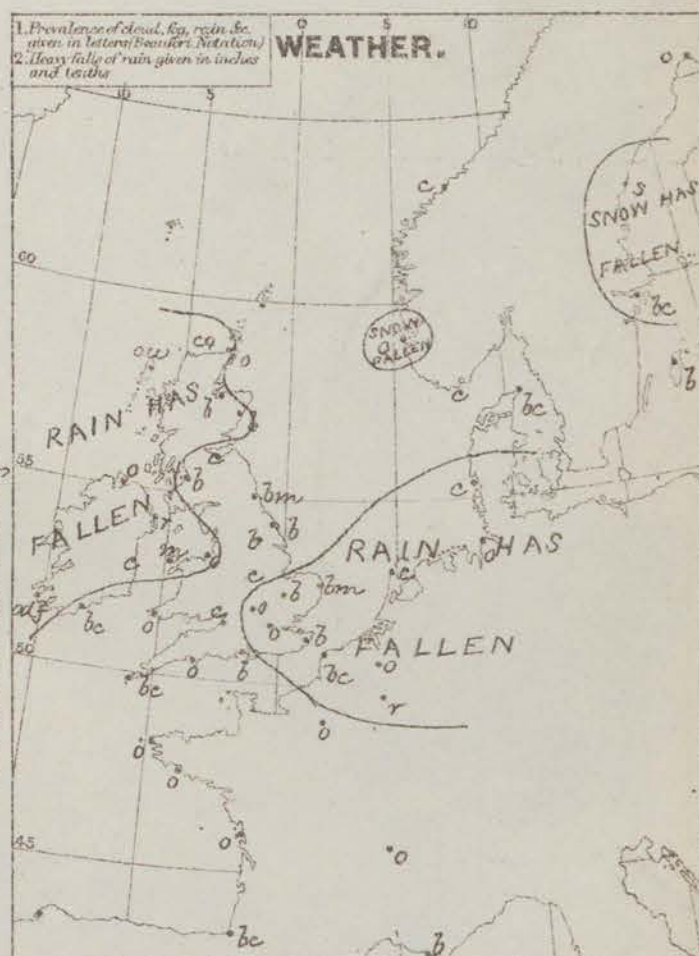
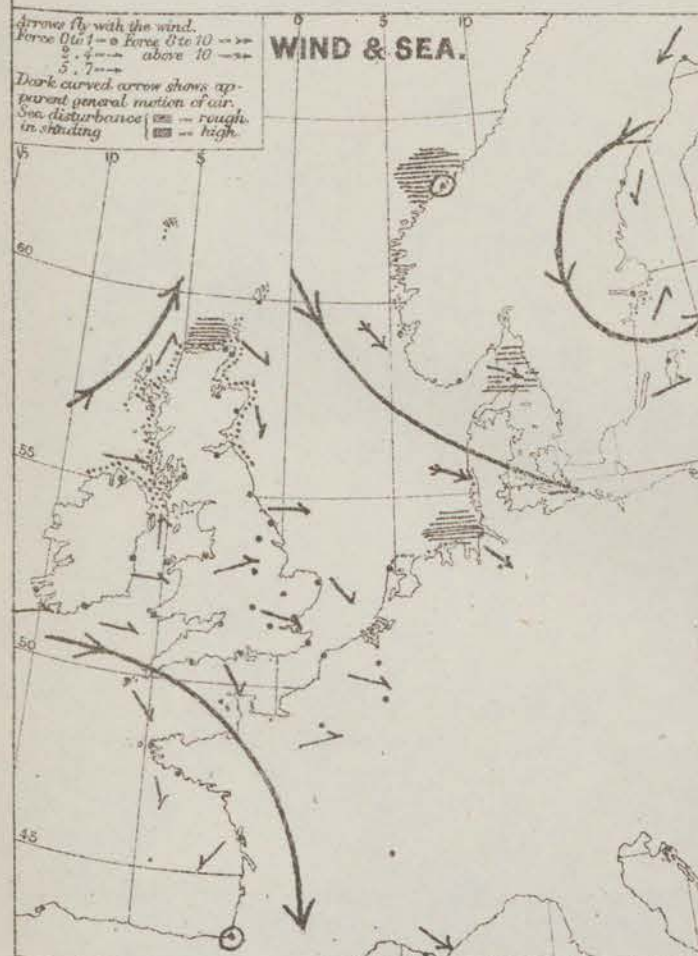
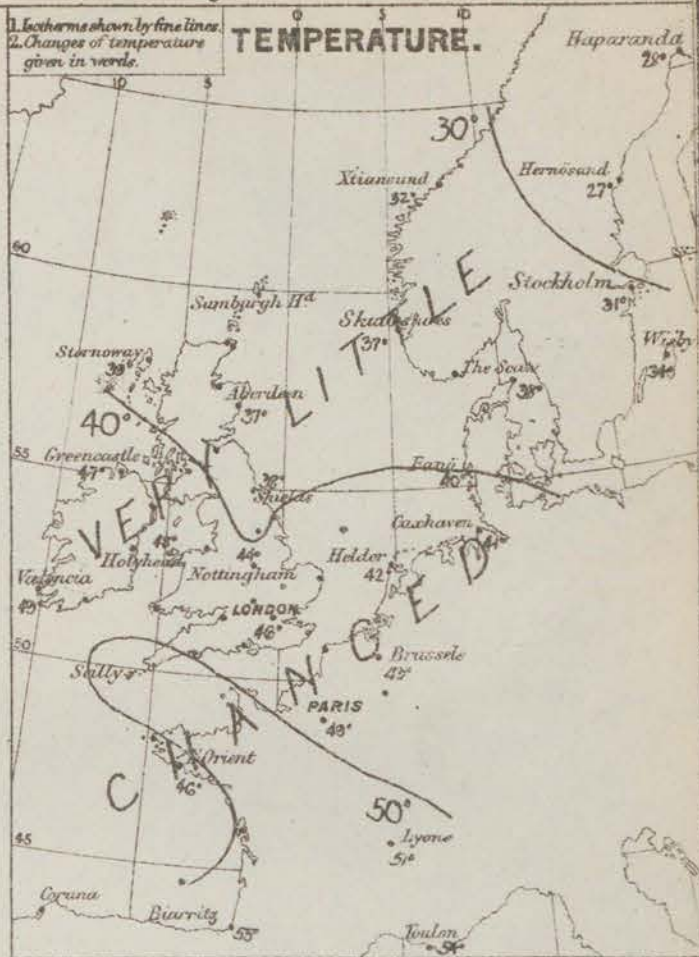
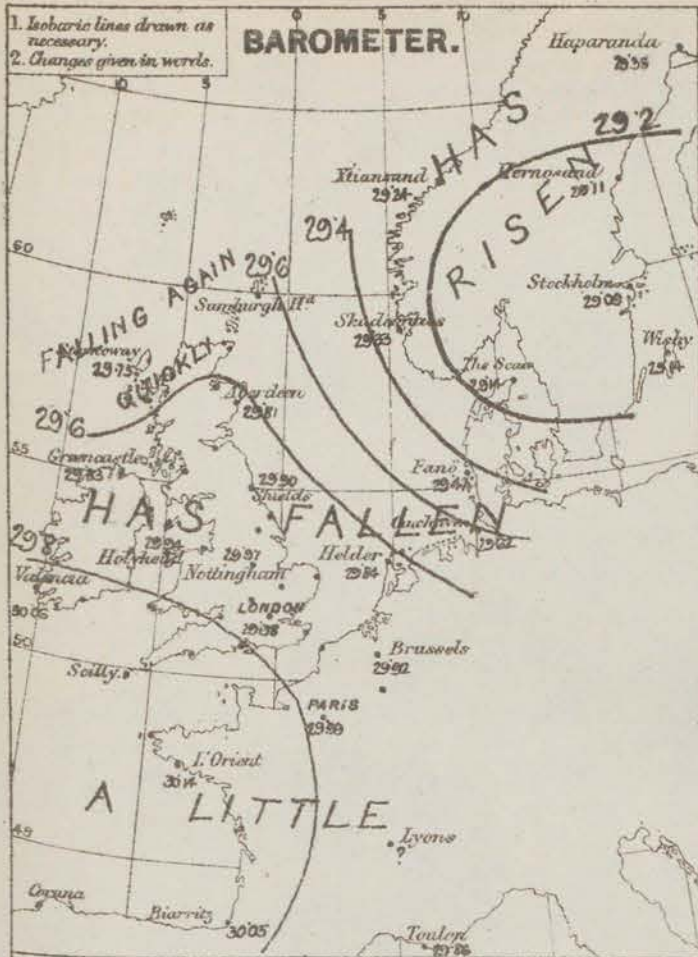
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Monday 2<sup>ND</sup> APRIL 1877.*



REMARKS. The depression whose centre had reached Sweden yesterday continues to move slowly to the E., and the barometer is rising in the west of Norway. In the meantime the first indications of a new disturbance are shown by a sudden fall of the barometer in the north west, and a return of the wind to SW at Stornorway accompanied by a threatening appearance of the sky. The strong NW winds which were felt on our north east coasts yesterday morning have altogether subsided, and very light W. to NW winds prevail over the greater part of the Kingdom. On the eastern shores of the North Sea fresh gales or strong breezes from WNW are experienced, while in France the wind is variable in direction and moderate in force. Temperature has undergone very little change since yesterday. Rain fell in many parts of our Islands yesterday - notably in the south and south east. The sky has since become clear in the north east of St. Britain but is cloudy elsewhere, and the weather is very unsettled. The sea is moderate in the north; smooth in the west, south and east.

Our northern coasts have been warned to-day.

Subscription for these Charts payable in  
advance to cover delivery. Delivery in total  
10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

# DAILY WEATHER REPORT

APRIL 3<sup>RD</sup> 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 55° F. and Sea Level.	Temp. in shade.	Wind.		Weather.	Reading at 55° F. and Sea Level.	Barometer.		Surface Temp.			Wind.		Weather.	Dir. (0 to 9).	Surface Temp.		Amount of Rainfall.	
			Dir.	Force, (0 to 15).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force, (0 to 15).	Max.			Min.			
Haparanda	29.61	27	E	6	o	29.50	+ 42	19	18	-	9	NE	2	b	*	*	*	0.08	
Hernösand	29.43	32	NE	4	o	29.70	+ 62	33	32	+	6	NE	2	o	*	*	*	0.08	
Stockholm	29.34	39	N	2	b	29.65	+ 56	33	32	+	2	NNH	2	o	*	*	*	-	
Wisby	29.29	30	NE	4	f	29.70	+ 59	27	27	-	7	NNE	6	o	*	*	*	-	
Christiansund	29.50	36	Z	0	b	29.53	+ 39	32	31	-	0	E	2	o	3	37	27	-	
Skudsmåa	29.55	35	Z	0	c	29.59	+ 36	24	23	-	3	SE	6	5	5	41	34	-	
Oxö, (Kisumund)	29.54	38	NNH	2	b	29.59	+ 52	30	30	-	4	NNE	4	o	2	41	28	-	
Skagen (The Sea)	29.55	37	NE	3	b	29.77	+ 60	37	36	-	1	Z	0	ba	0	43	28	-	
Fanö	29.69	39	N	6	c	29.73	+ 31	39	37	-	1	S	4	2	*	43	36	-	
Cuxhaven	29.72	53	NN	7	ba	29.63	+ 31	39	38	-	2	S	3	b	*	*	36	-	
Sumburgh Head																			
Stornoway	29.33	48	SW	4	P	29.22	- 53	38	36	-	1	SW	4	b	5	48	34	0.25	
Thurso	29.06	40	S	4	c	29.26	- 50	43	42	+	3	SSW	2	ba	2	46	36	0.11	
Wick	29.38	42	SSW	4	o	29.28	- 48	42	41	+	5	WSW	2	o	0	44	35	0.09	
Nairn	29.44	50	Z	0	ba	29.30	- 54	41	39	+	5	Z	0	b	0	53	36	0.07	
Aberdeen	29.34	44	S	4	o	29.31	- 55	45	44	+	8	S	3	o	2	47	37	-	
Leith	29.36	50	N	4	o	29.33	- 53	48	46	+	9	SW	2	o	*	44	37	0.05	
Shields	29.68	50	SW	2	o	29.42	- 48	48	46	+	10	SW	2	of	4	51	38	-	
York	29.75	50	SW	1	o	29.49	- 45	49	47	+	11	S	2	o	*	52	34	-	
Scarborough	29.73	50	SW	2	o	29.48	- 43	49	46	+	7	SSW	3	o	2	50	22	-	
Nottingham	29.79	53	WSW	2	o	29.57	- 46	48	47	+	4	SSW	3	o	*	50	42	0.04	
Ardrossan	29.60	48	WSW	2	P	29.36	- 53	42	41	-	0	NNE	1	P	1	48	41	0.03	
Greencastle	29.75	50	N	3	o	29.34	- 55	42	39	-	5	N	2	o	*	52	40	0.04	
Donaghadee	29.44	45	N	3	c	29.46	- 44	44	43	-	0	NN	2	P	1	53	43	0.04	
Kingstown	29.72	54	WSW	2	c	29.36	- 60	49	47	-	1	Z	0	39	0	55	48	-	
Holyhead	29.74	49	SSW	3	o	29.39	- 55	47	47	-	1	SSW	2	ba	1	51	46	0.02	
Liverpool (Bidston)	29.74	50	WSW	2	o	29.42	- 52	47	46	+	4	SSE	2	o	1	51	42	0.02	
Valencia	29.77	49	SW	3	o	29.33	- 73	45	43	-	12	NNE	1	o	1	54	42	0.09	
Roche's Point	29.77	54	SW	5	o	29.33	- 71	44	44	-	5	NE	4	P	4	52	43	0.26	
Pembroke	29.80	49	ESE	3	o	29.38	- 63	47	47	-	1	SSE	2	of	2	53	45	0.13	
Portishead	29.93	50	SW	3	o	29.45	- 55	46	47	-	1	E	4	am	3	55	45	0.02	
Scilly																			
Plymouth	29.87	51	S	1	o	29.40	- 65	49	48	-	2	ESE	2	o	*	56	48	0.02	
Hurst Castle	29.89	53	N	2	o	29.50	- 51	51	50	-	1	SSE	4	ow	3	58	46	-	
Dover	29.88	48	NNN	2	ba	29.61	- 36	50	47	+	4	SSE	3	ba	2	53	44	-	
London	29.85	55	SSW	1	c	29.56	- 42	52	48	+	6	S	2	o	*	58	45	-	
Oxford		*	*	*	*	29.51	- 47	48	47	+	1	SE	1	o	*	58	46	-	
Cambridge	29.82	53	SW	1	o	29.55	- 41	48	46	+	5	SSE	1	o	*	55	41	0.04	
Yarmouth	29.85	40	SE	2	b	29.63	- 20	45	44	+	6	S	3	ba	3	47	35	-	
The Holder		*	*	*	*	29.72	- 12	40	43	+	1	S	1	c	*	*	*	-	
Cape Gris Nez	29.92	44	SW	2	c	29.63	- 35	48	46	+	3	SE	3	ba	2	52	43	-	
Brest	29.94	55	NN	1	o	29.41	- 52	50	50	+	4	SSE	3	o	5	55	46	-	
L'Orient	29.93	52	NNH	1	c	29.45	- 69	52	50	+	6	SSE	3	o	3	59	45	-	
Rocheport	29.84	50	E	4	b	29.49	- 58	54	52	+	4	S	5	o	3	66	39	0.08	
Biarritz	29.77	70	ENE	3	b	29.55	- 30	46	57	+	4	SSE	4	o	3	73	52	0.11	
Corunna		*	*	*	*										*	*	*	*	
Brussels		*	*	*	*	29.75	- 17	43	*	0	SSE	3	c	*	*	*	*	-	
Charleville		*	*	*	*	29.77	- 13	41	*	0	ESE	3	c	*	*	*	*	-	
Paris	29.94	55	NN	3	ba	29.56	- 33	49	*	0	SE	3	ba	*	*	*	*	-	
Lyon		*	*	*	*	29.85	- 27	43	*	0	NE	?	c	*	*	*	*	-	
Toulon	29.78	61	NN	4	b	29.86	- 20	52	48	0	E	5	b	4	66	54	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.49	41	38	NN	6	ba	4	Valencia .....	29.91	52	50	SW	4	a	4
Thurso .....	29.61	38	37	S	2	2	4	Scilly .....							
Scarborough ...	29.54	42	40	SE	2	o	3	London .....	29.94	55	51	N	2	o	*
Greencastle ...	29.71	50	50	N	2	o	*	Rocheport ...	30.00	63	55	NE	4	ba	3
Holyhead .....	29.86	50	49	SW	4	am	3								

The barometer is falling everywhere, but most at Stornoway, where it has gone down 0.27 inch since 8 a.m. The wind has become S by all over Scotland, and is backing all over the country, but will probably soon veer again and blow hard from N. to NN. Warnings have been extended down out NN and NE Coasts during

## EXPLANATION OF COLUMNS.

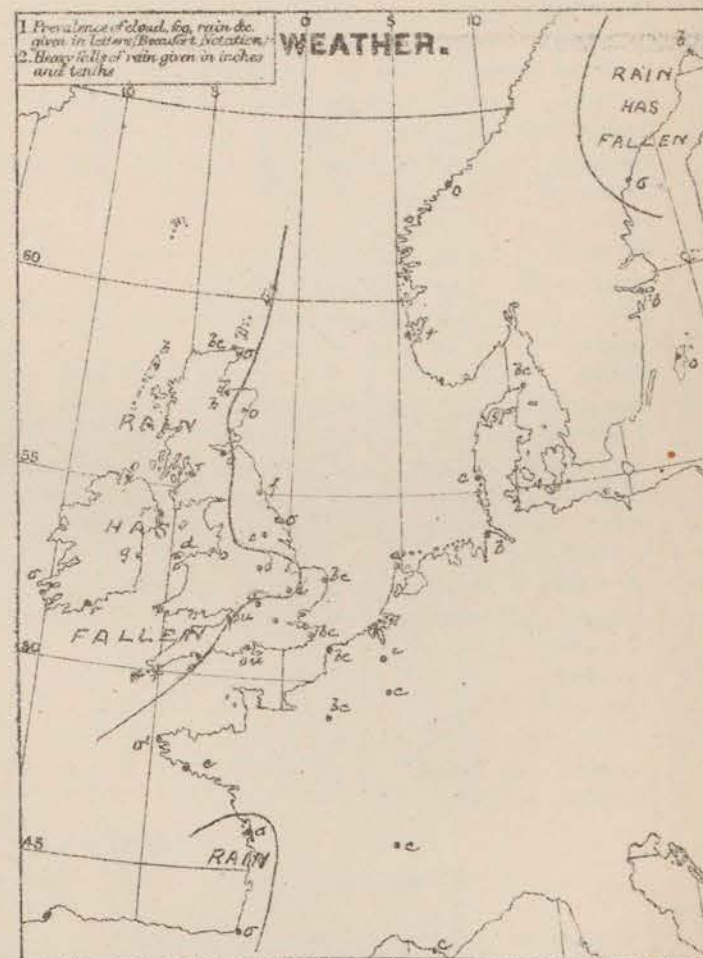
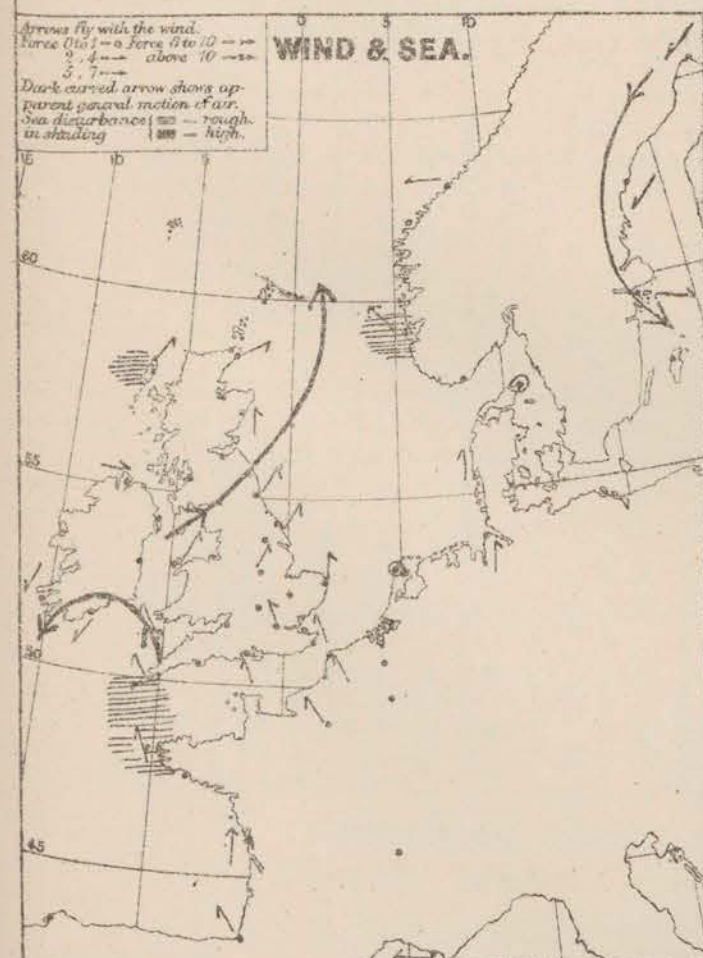
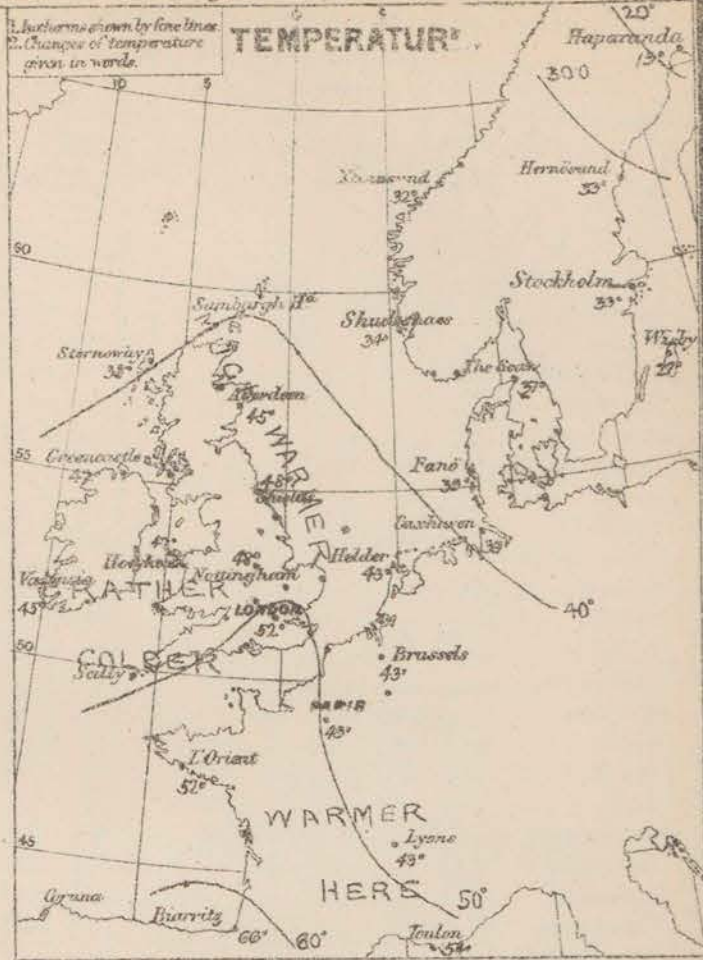
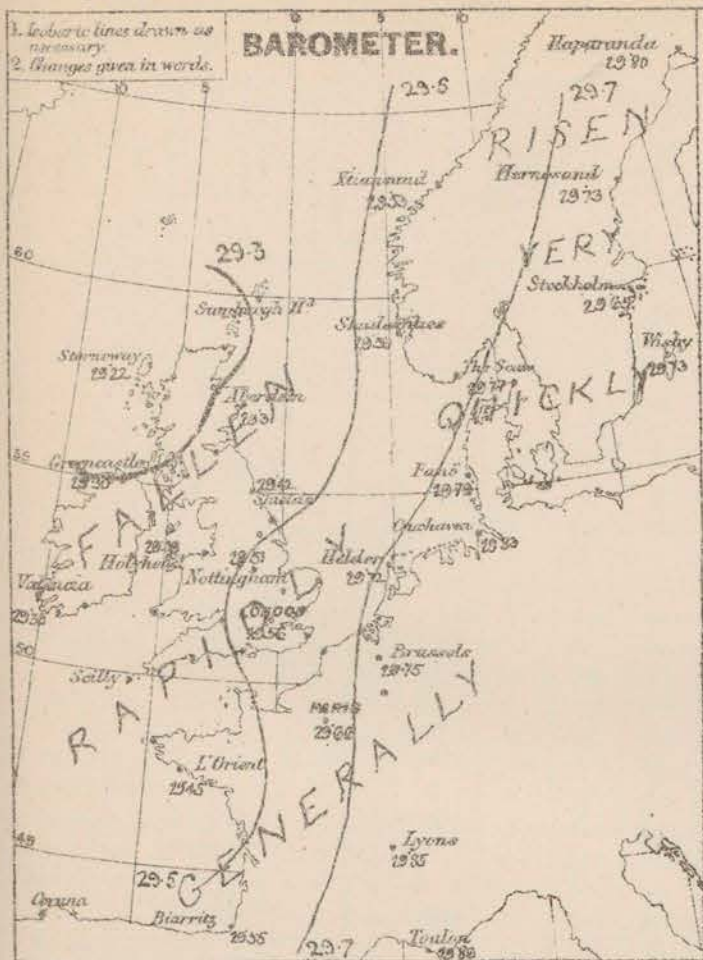
**WEATHER.**—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

for 8 a.m. on Tuesday 34<sup>th</sup> APRIL 1877.



**REMARKS.** The fall of the barometer noticed in the NW. yesterday morning has continued somewhat rapidly but has been supplemented by a still more rapid fall on our SW. coasts while over Scandinavia and Denmark pressure has recovered. Southerly winds have consequently set in all ~~the~~ France, & Britain and the North Sea but are at present very light while in the S. of Ireland a very light NNE wind is formed in the rear of a shallow depression which lies in that neighbourhood. Temperature has risen at the English and Scotch stations but fallen in Ireland. The sky has become overcast in all but the N. part of Scotland and rain is falling on our W. coasts as well as at Skudesnaes. The sea is smooth except at Skudesnaes and at the mouth of the English Channel.

Barnings were sent to our NW. N. and NE coasts yesterday and the Coxes have been lowered again this morning. —

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

**R. H. SCOTT.**  
Director.

Dangerfield, Lin. 22 Bedford St. Covent. Garden

# DAILY WEATHER REPORT *April 4<sup>th</sup>* 1877.

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 yesterday.	Dry.	Wet.	Difference from yesterday.	Dir.	Force (0 to 12).				Max.	Min.	
Haparanda	29.89	18	Z	0	r		30.07	+ .27	10	9	-9	Z	0	o	*	*	*	*	-
Hernösand	29.99	26	SE	2	s		30.05	+ .32	25	25	-8	SSW	4	o	*	*	*	*	-
Stockholm	29.96	28	S	3	b		30.08	+ .43	25	25	-8	SE	2	f	*	*	*	*	-
Wisby	30.01	31	SW	4	b		30.10	+ .37	31	30	+4	SSE	4	o	*	*	*	*	-
Christiansund	29.51	38	SEE	2	r		29.55	+ .04	42	39	+10	SEE	3	o	3	?	32	-	-
Skudesnaes	29.57	40	SSE	8	o		29.42	- .17	40	37	-6	ESE	8	r	5	41	?	-	-
Oslo (Kristiansand)	29.76	39	SE	4	r		29.65	- .10	37	35	+4	ESE	8	o	5	39	2	-	-
Skagen (The Head)	29.84	37	SSE	4	b		29.77	00	38	33	-1	SE	8	o	8	39	34	-	-
Fanø	29.65	40	SE	6	b		29.51	- .27	39	39	0	SSE	7	o	*	48	37	0.12	-
Cuxhaven	29.70	?	SE	5	o		29.53	- .30	44	44	+5	S	4	r	*	37	37	0.09	-
Sumburgh Head																			
Stornoway	29.20	45	SSW	3	o		28.89	- .33	43	43	+5	E	2	og	4	48	36	0.19	-
Thurso	29.23	43	ESE	2	o		28.91	- .35	44	44	+1	ESE	2	rf	2	52	40	0.27	-
Wick	29.21	42	E	2	r		28.92	- .36	43	43	+1	Z	0	f	1	46	40	0.52	-
Nairn	29.21	43	E	1	r		28.90	- .40	42	41	+1	SSW	1	o	1	48	41	0.18	-
Aberdeen	29.20	44	SSE	3	r		28.94	- .27	45	44	0	S	3	o	2	49	42	0.52	-
Leith	29.15	46	E	3	r		28.99	- .34	48	46	0	SSW	2	o	*	57	43	0.15	-
Shields	29.18	44	SE	6	c		29.07	- .35	49	47	+1	SW	1	bm	4	50	43	0.28	-
York	29.19	49	S	2	r		29.11	- .38	49	47	0	S	1	o	*	53	46	0.37	-
Scarborough	29.22	45	SSE	5	o		29.13	- .35	48	47	-1	SW	1	o	3	50	43	0.20	-
Nottingham	29.14	50	SSE	3	r		29.14	- .37	50	49	+2	S	2	o	*	53	48	0.23	-
Ardrossan	29.10	44	NE	3	r		29.00	- .36	45	42	+3	SSW	3	o	3	48	42	0.76	-
Greenacastle	29.11	40	NE	2	o		28.93	- .37	42	41	0	SW	3	o	*	46	39	0.07	-
Donaghadee	29.03	43	NE	5	r		29.00	- .46	42	41	-2	S	4	bc	3	44	40	0.48	-
Kingstown	29.02	45	N	4	r		29.01	- .35	43	42	-6	SSE	1	rw	0	49	40	0.46	-
Holyhead	28.97	48	E	2	r		29.03	- .36	46	45	-1	SSE	3	o	2	50	43	0.53	-
Liverpool (Birkenhead)	29.02	49	ESE	4	o		29.08	- .34	50	45	+3	SSE	1	o	2	52	45	0.24	-
Valencia	29.08	44	NNE	2	o		28.99	- .34	43	40	-2	SE	3	bc	3	47	37	0.04	-
Roche's Point	29.08	44	N	4	r		29.01	- .32	42	40	-2	SW	3	o	3	49	40	0.58	-
Pembroke	28.94	49	S	4	o		29.00	- .38	46	45	-1	SE	3	r	3	49	44	0.68	-
Portishead	29.11	53	S	5	o		29.10	- .35	48	46	0	ESE	3	o	3	56	43	0.16	-
Scilly																			
Plymouth	29.09	51	SSW	4	o		29.04	- .36	49	48	0	ESE	5	o	*	53	37	0.32	-
Hurst Castle	29.17	54	SW	5	o		29.15	- .35	50	50	-1	SSE	4	ap	4	54	47	0.31	-
Dover	29.28	57	SSE	4	o		29.26	- .35	50	48	0	S	4	bc	2	54	49	0.14	-
London	29.21	55	SSE	3	*		29.19	- .37	53	50	+1	SSW	3	o	*	58	50	0.01	-
Oxford	*	*	*	*	*		29.16	- .35	50	47	+2	SW	1	o	*	55	48	0.26	-
Cambridge	29.20	52	SSE	2	r		29.20	- .35	52	50	+4	SSW	2	o	*	55	47	0.04	-
Yarmouth	29.30	46	SE	5	bc		29.25	- .38	49	48	+4	S	4	bm	*	50	44	0.09	-
The Helder	*	*	*	*	*		29.38	- .24	52	51	+9	S	1	bc	*	50	44	0.16	-
Cape Gris Nez	29.28	55	SSE	5	r		29.29	- .34	54	52	+6	S	4	bc	3	57	48	0.12	-
Brest	29.19	53	SW	5	rw		29.08	- .33	45	45	-7	SW	3	rw	5	?	43	0.24	-
L'Orient																			
Rochefort	29.45	55	S	4	b		29.19	- .30	54	52	0	SSW	6	o	4	70	?	0.35	-
Biarritz	29.47	55	SW	1	bc		29.26	- .29	53	57	-3	SSE	4	o	2	72	55	0.12	-
Corunna	*	*	*	*	*														
Brussels	*	*	*	*	*		29.40	- .35	51	*	+8	S	3	o	*	*	*	0.09	-
Charleville	*	*	*	*	*		?	?	?	?	?	ESE	1	o	*	*	*	*	-
Paris	29.42	56	SSW	4	o		29.35	- .25	52	*	+3	SE	3	o	*	*	*	0.08	-
Lyons	*	*	*	*	*		29.53	- .32	41	*	-2	SE	2	o	*	*	*	*	-
Toulon	29.82	52	E	5	bc		29.62	- .24	52	50	-2	E	6	r	6	57	50	0.08	-

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

	Bar.	Dry.	Wet.	Wind.	Woo.	Sea.		Bar.	Dry.	Wet.	Wind.	Woo.	Sea.		
Skudesnaes ...	29. 57	39	37	ESE	6	r	4	Valencia .....	29. 16	46	43	NE	2	0	2
Thurso .....	29. 26	46	44	Z	0	0	2	Scilly .....							
Scarborough ...	29. 34	47	46	SSE	3	0	3	London .....	29. 34	57	52	ESE	3	0	*
Greenacastle ...	29. 22	45	40	E	1	0	*	Rochefort ...	29. 45	55	55	SW	5	0	3
Holyhead .....	29. 17	48	48	ENE	2	r	2								

The barometer is falling rapidly at all the S<sup>th</sup> stations accompanied by moderate S<sup>th</sup> winds and an unsettled appearance of the weather. In the N. scarcely any change is reported.

## EXPLANATION OF COLUMNS.

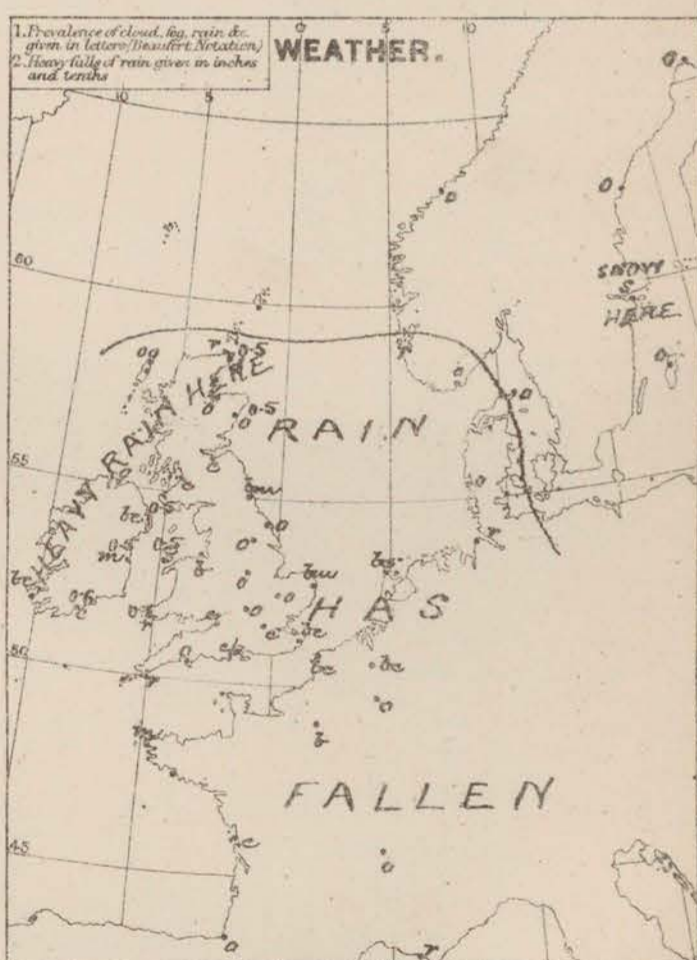
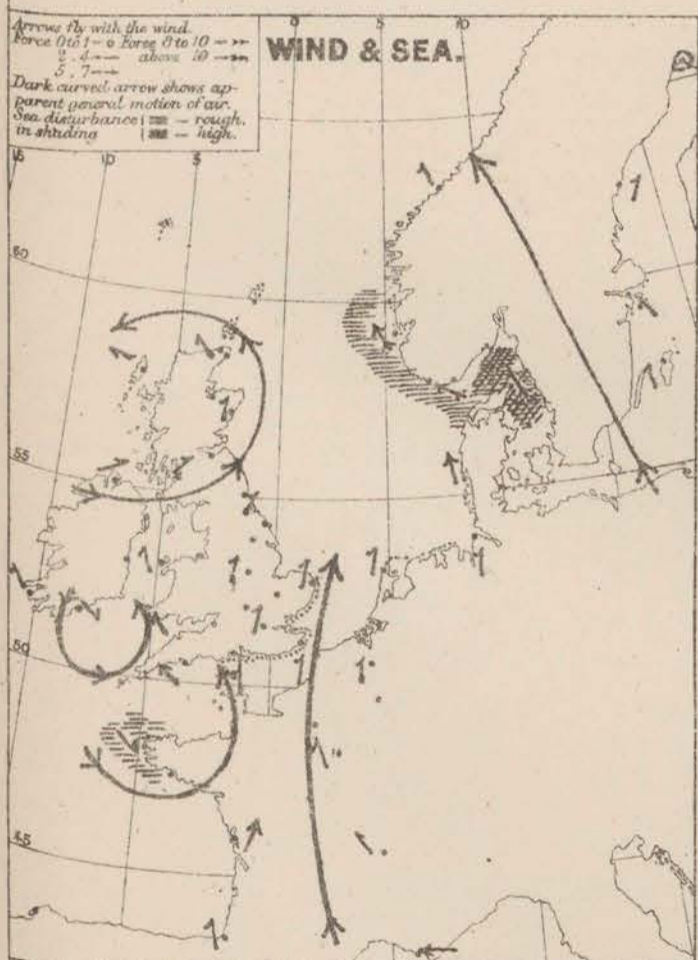
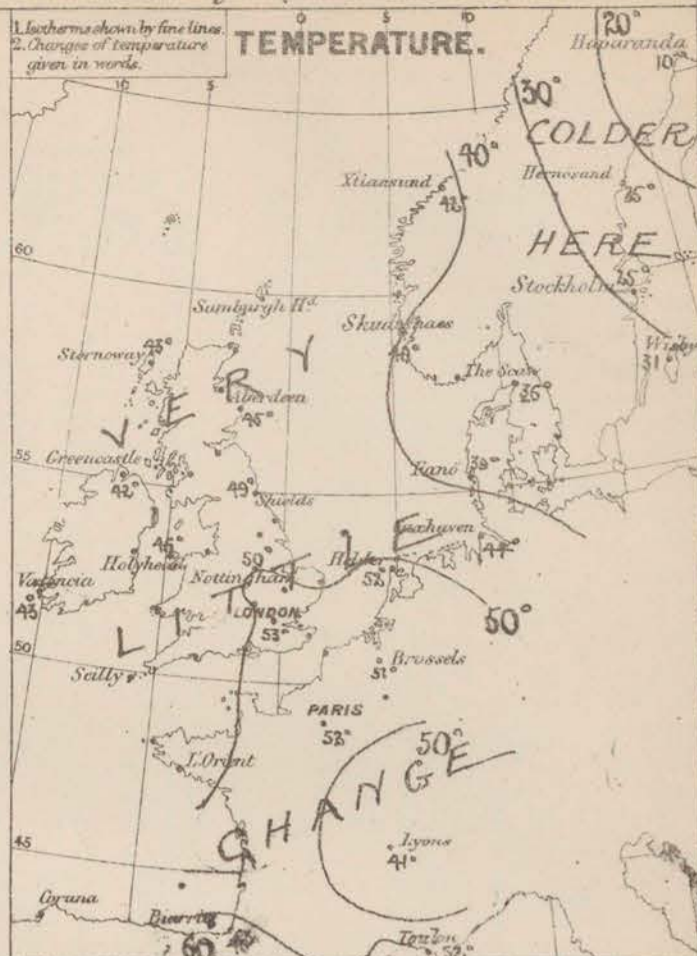
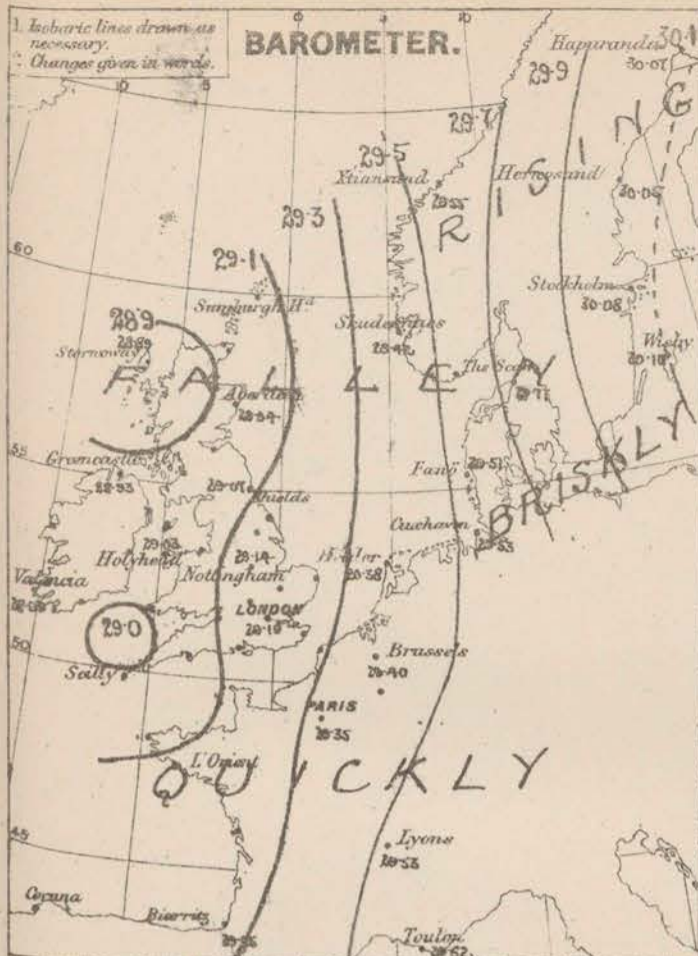
**WEATHER.**—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sea, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Wednesday April 4<sup>th</sup> 1877.



**REMARKS.** The changes in pressure over our Islands continue to be extremely irregular, and the tendency is still to decrease. In Sweden, however, and the N. of Norway the barometer still rises, and whilst several small depressions appear to be lying over our W. coasts, or a little to the W. of Ireland, steep gradients for S. to S.E. winds have been formed over Scandinavia, and the North Sea. The winds agree with these conditions being S. to S.E. over France, and the North Sea, and blowing a gale from the latter direction in Denmark and the S. of Norway, whilst at our W. stations they are extremely variable. Temperature has changed very little. Rain has fallen very generally, and rather heavily at some of the N. and NW. stations. The weather remains in a very cloudy, and unsettled state, in our Islands generally, but the air is moderate or slight except on the E. shores of the North Sea.

Warnings were issued to our S.E. coasts yesterday.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

# DAILY WEATHER REPORT *April 5<sup>th</sup> 1877.*

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sec. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 320 P. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.01	28	S	4	0	29.89	-.18	27	26	+17	SW	4	0	*	*	*	-	
Hernösand ...	30.06	25	S	6	0	30.02	-.03	30	30	+5	SSW	2	0	*	*	*	-	
Stockholm ...	30.09	30	SSE	6	0	30.01	-.07	36	33	+11	SSE	4	0	*	*	*	-	
Wisby ...	30.12	32	SE	6	0	30.02	-.08	34	?	+3	SSE	5	0	*	*	*	-	
Christiansund ...	29.50	42	ESE	2	0	29.62	+0.08	42	38	+1	ESE	2	0	3	45	39	-	
Skudesnaes ...	29.50	40	E	6	0	29.48	+0.06	45	40	+5	SNE	6	0	3	?	39	-	
Oxö (Xtiansand) ...	29.69	36	ENE	8	?	29.63	-.02	34	33	-3	NE	8	0	4	?	25	-	
Skagen (The Seaw) ...	29.75	36	SSE	8	0	29.69	-.08	38	35	+2	ESE	6	0	5	39	34	-	
Fanö ...	29.47	42	SE	6	6	29.41	-.10	40	39	+1	SE	6	?	*	45	39	0.08	
Cuxhaven ...	29.46	?	SE	4	0	29.40	-.13	47	46	+3	WSW	3	?	*	*	43	0.04	
Sumburgh Head ...																		
Stornoway ...	29.03	48	ESE	1	0	29.02	+0.13	43	43	0	SSW	1	?	4	50	41	0.32	
Thurso ...	29.08	49	SE	2	60	29.09	+0.18	43	42	-1	ESE	8	14	4	52	42	0.14	
Wick ...	29.11	46	ESE	4	60	29.11	+0.19	42	42	-1	ESE	8	?	8	55	41	0.09	
Nairn ...	28.98	52	SE	1	0	29.05	+0.15	41	41	-1	Z	0	?	3	56	41	0.10	
Aberdeen ...	29.09	45	SSE	3	0	29.10	+0.16	44	43	-1	S	4	?	4	51	43	0.35	
Leith ...	28.98	44	E	3	?	29.10	+0.11	45	42	-3	WSW	3	6	*	59	40	0.49	
Shields ...	28.98	45	ESE	6	0	29.18	+0.11	44	41	-5	SSW	3	6m	4	53	41	0.63	
York ...	28.94	55	SE	5	0	29.21	+0.10	43	41	-6	S	3	6	*	58	39	0.48	
Scarborough ...	29.01	46	SE	4	0	29.24	+0.11	46	44	-2	S	3	6m	3	52	41	0.40	
Nottingham ...	28.96	50	S	2	0	29.24	+0.10	46	44	-4	S	6	6m	*	58	36	0.33	
Ardrossan ...	28.93	48	ESE	1	?	29.09	+0.09	44	41	-1	ESE	2	6	2	57	41	0.48	
Greencastle ...	28.94	43	ENE	1	0	28.99	+0.06	43	42	+1	SE	1	6	*	46	36	0.10	
Donaghadee ...	28.90	42	NNW	4	?	29.04	+0.04	42	42	0	SE	5	?	3	46	36	0.75	
Kingstown ...	28.97	42	NNW	3	0	29.00	+0.01	42	41	-1	S	2	0	1	44	39	0.21	
Holyhead ...	28.91	42	NNW	4	?	29.06	+0.03	44	43	-2	SSE	4	?	3	50	41	0.31	
Liverpool (Bidston) ...	28.87	48	WSW	1	0	29.15	+0.07	44	41	-6	SE	3	6	2	52	37	0.75	
Valencia ...	28.91	45	ESE	3	?	28.94	-.05	43	41	0	W	1	13	1	50	37	0.50	
Roche's Point ...	28.97	47	ESE	4	60	28.91	-.10	44	43	+2	SW	4	6m	4	52	41	0.29	
Pembroke ...	29.01	45	W	1	0	29.03	+0.03	44	42	-2	S	5	6m	4	46	31	0.99	
Portishead ...	29.01	45	SSW	5	0	29.17	+0.07	45	44	-3	S	4	0	3	51	38	0.31	
Seilly ...																		
Plymouth ...	29.06	45	W	3	0	29.15	+0.11	47	45	-2	S	5	0	*	51	43	0.45	
Hurst Castle ...	29.05	46	W	5	0	29.25	+0.10	47	47	-3	SSW	5	?	5	54	43	0.40	
Dover ...	29.09	57	SW	4	0	29.37	+0.11	46	44	-4	SSW	5	agw	4	57	46	0.56	
London ...	29.02	53	SW	1	0	29.31	+0.12	50	46	-3	SSW	5	6m	*	67	42	0.37	
Oxford ...	*	*	*	*	*	29.26	+0.10	46	46	-4	SW	2	?	*	58	39	0.17	
Cambridge ...	29.03	53	S	2	?	29.32	+0.12	47	45	-5	S	2	0	*	64	40	0.37	
Yarmouth ...	29.04	49	SE	5	60	29.34	+0.09	47	45	-2	SSW	4	6	3	50	40	0.11	
The Helder ...	*	*	*	*	*	29.42	+0.04	47	46	-5	SW	3	6m	*	*	*	0.04	
Cape Gris Nez ...	29.10	59	S	4	0	29.41	+0.12	46	43	-8	SSW	5	6	4	68	43	0.75	
Brest ...	29.19	52	WSW	4	0	29.27	+0.19	48	45	+3	WSW	5	0	6	?	41	0.28	
L'Orient ...	29.28	46	W	5	60	29.39	?	46	45	?	W	5	?	5	52	39	0.08	
Rochefort ...	29.30	57	W	8	60	29.50	+0.31	50	46	-4	SW	9	6m	7	57	39	1.02	
Biarritz ...	29.62	59	SW	4	0	29.69	+0.42	52	45	-11	SSW	4	6m	5	64	41	0.24	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.50	+0.10	45	*	-6	SW	3	6	*	*	*	0.15	
Charleville ...	*	*	*	*	*	29.56	?	44	*	?	SSE	3	0	*	*	*	*	
Paris ...	29.19	53	W	4	0	29.54	+0.19	45	*	-7	S	4	0	*	*	*	0.09	
Lyons ...	*	*	*	*	*	29.74	+0.21	57	*	+10	E	2	6	*	*	*	*	
Toulon ...	29.62	54	E	5	60	29.81	+0.19	48	45	-4	W	3	6	4	72	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sec.		Bar.	Dry.	Wet.	Wind.	Wes.	Sec.	
Skudesnaes ...	29.47	41	38	ESE	6	1	Valencia .....	28.94	49	43	SE	4	60	4
Thurso .....	29.02	57	51	SSW	2	cm	<del>St. John's Head</del> .....	28.98	40	39	NNE	3	0	1
Scarborough ...	29.10	49	48	SSE	3	6	London .....	29.03	63	57	SE	4	ow	*
Greencastle ...	28.97	45	42	S	2	0	Rochefort ...	29.27	50	48	W	6	0	4
Holyhead .....	28.97	45	44	NN	3	1								

The barometer continues to fall at all the more Southern stations but in the North a slight recovery is in progress. Pressure is now uniformly very low. The winds are light from South.

## 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.

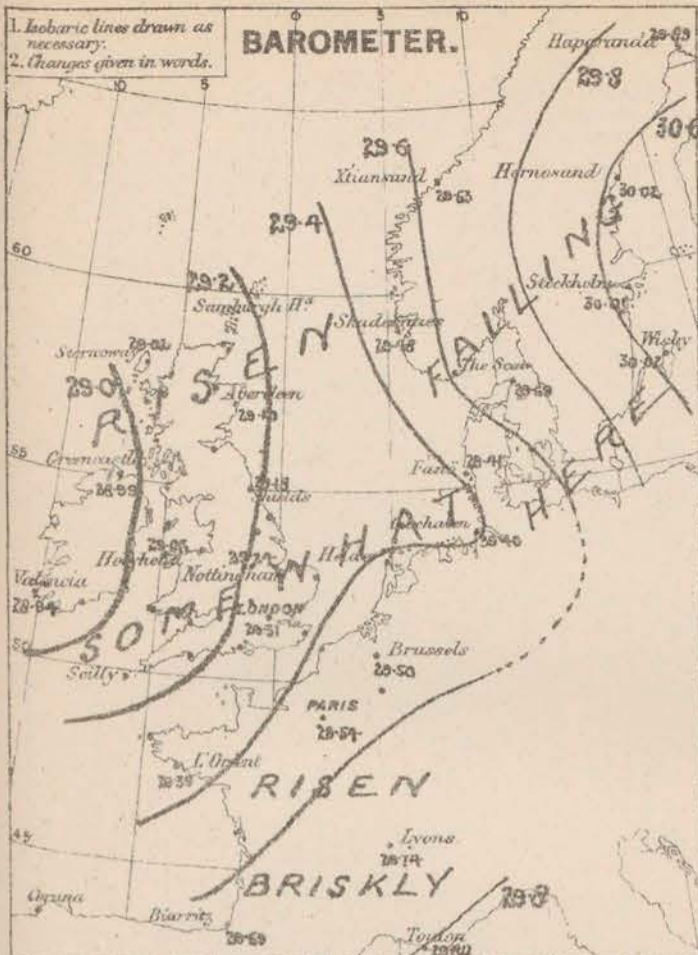
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Thursday April 5<sup>th</sup> 1877.

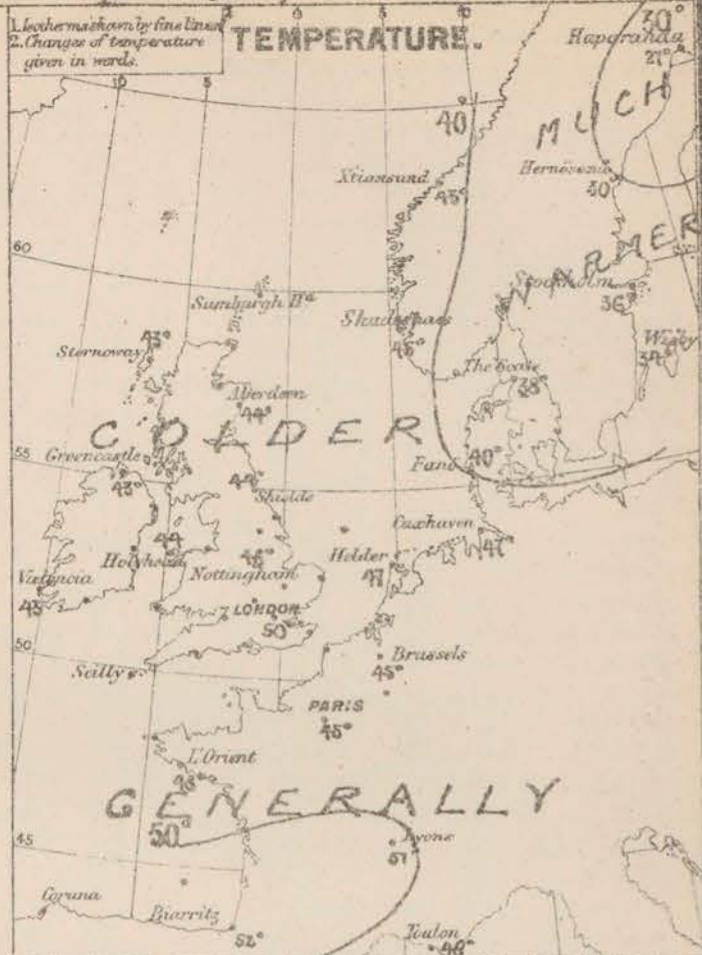
1. Isobaric lines drawn as necessary.
2. Changes given in words.

## BAROMETER.



1. Isotherm lines by fine lines.
2. Changes of temperature given in words.

## TEMPERATURE.



1. Arrows fly with the wind.
- Force 0 to 1 - 0 force 0 to 10 - 2 - 4 - 6 - 8 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 26 - 28 - 30 - 32 - 34 - 36 - 38 - 40 - 42 - 44 - 46 - 48 - 50 - 52 - 54 - 56 - 58 - 60 - 62 - 64 - 66 - 68 - 70 - 72 - 74 - 76 - 78 - 80 - 82 - 84 - 86 - 88 - 90 - 92 - 94 - 96 - 98 - 100 - 102 - 104 - 106 - 108 - 110 - 112 - 114 - 116 - 118 - 120 - 122 - 124 - 126 - 128 - 130 - 132 - 134 - 136 - 138 - 140 - 142 - 144 - 146 - 148 - 150 - 152 - 154 - 156 - 158 - 160 - 162 - 164 - 166 - 168 - 170 - 172 - 174 - 176 - 178 - 180 - 182 - 184 - 186 - 188 - 190 - 192 - 194 - 196 - 198 - 200 - 202 - 204 - 206 - 208 - 210 - 212 - 214 - 216 - 218 - 220 - 222 - 224 - 226 - 228 - 230 - 232 - 234 - 236 - 238 - 240 - 242 - 244 - 246 - 248 - 250 - 252 - 254 - 256 - 258 - 260 - 262 - 264 - 266 - 268 - 270 - 272 - 274 - 276 - 278 - 280 - 282 - 284 - 286 - 288 - 290 - 292 - 294 - 296 - 298 - 300 - 302 - 304 - 306 - 308 - 310 - 312 - 314 - 316 - 318 - 320 - 322 - 324 - 326 - 328 - 330 - 332 - 334 - 336 - 338 - 340 - 342 - 344 - 346 - 348 - 350 - 352 - 354 - 356 - 358 - 360 - 362 - 364 - 366 - 368 - 370 - 372 - 374 - 376 - 378 - 380 - 382 - 384 - 386 - 388 - 390 - 392 - 394 - 396 - 398 - 400 - 402 - 404 - 406 - 408 - 410 - 412 - 414 - 416 - 418 - 420 - 422 - 424 - 426 - 428 - 430 - 432 - 434 - 436 - 438 - 440 - 442 - 444 - 446 - 448 - 450 - 452 - 454 - 456 - 458 - 460 - 462 - 464 - 466 - 468 - 470 - 472 - 474 - 476 - 478 - 480 - 482 - 484 - 486 - 488 - 490 - 492 - 494 - 496 - 498 - 500 - 502 - 504 - 506 - 508 - 510 - 512 - 514 - 516 - 518 - 520 - 522 - 524 - 526 - 528 - 530 - 532 - 534 - 536 - 538 - 540 - 542 - 544 - 546 - 548 - 550 - 552 - 554 - 556 - 558 - 560 - 562 - 564 - 566 - 568 - 570 - 572 - 574 - 576 - 578 - 580 - 582 - 584 - 586 - 588 - 590 - 592 - 594 - 596 - 598 - 600 - 602 - 604 - 606 - 608 - 610 - 612 - 614 - 616 - 618 - 620 - 622 - 624 - 626 - 628 - 630 - 632 - 634 - 636 - 638 - 640 - 642 - 644 - 646 - 648 - 650 - 652 - 654 - 656 - 658 - 660 - 662 - 664 - 666 - 668 - 670 - 672 - 674 - 676 - 678 - 680 - 682 - 684 - 686 - 688 - 690 - 692 - 694 - 696 - 698 - 700 - 702 - 704 - 706 - 708 - 710 - 712 - 714 - 716 - 718 - 720 - 722 - 724 - 726 - 728 - 730 - 732 - 734 - 736 - 738 - 740 - 742 - 744 - 746 - 748 - 750 - 752 - 754 - 756 - 758 - 760 - 762 - 764 - 766 - 768 - 770 - 772 - 774 - 776 - 778 - 780 - 782 - 784 - 786 - 788 - 790 - 792 - 794 - 796 - 798 - 800 - 802 - 804 - 806 - 808 - 810 - 812 - 814 - 816 - 818 - 820 - 822 - 824 - 826 - 828 - 830 - 832 - 834 - 836 - 838 - 840 - 842 - 844 - 846 - 848 - 850 - 852 - 854 - 856 - 858 - 860 - 862 - 864 - 866 - 868 - 870 - 872 - 874 - 876 - 878 - 880 - 882 - 884 - 886 - 888 - 890 - 892 - 894 - 896 - 898 - 900 - 902 - 904 - 906 - 908 - 910 - 912 - 914 - 916 - 918 - 920 - 922 - 924 - 926 - 928 - 930 - 932 - 934 - 936 - 938 - 940 - 942 - 944 - 946 - 948 - 950 - 952 - 954 - 956 - 958 - 960 - 962 - 964 - 966 - 968 - 970 - 972 - 974 - 976 - 978 - 980 - 982 - 984 - 986 - 988 - 990 - 992 - 994 - 996 - 998 - 1000 - 1002 - 1004 - 1006 - 1008 - 1010 - 1012 - 1014 - 1016 - 1018 - 1020 - 1022 - 1024 - 1026 - 1028 - 1030 - 1032 - 1034 - 1036 - 1038 - 1040 - 1042 - 1044 - 1046 - 1048 - 1050 - 1052 - 1054 - 1056 - 1058 - 1060 - 1062 - 1064 - 1066 - 1068 - 1070 - 1072 - 1074 - 1076 - 1078 - 1080 - 1082 - 1084 - 1086 - 1088 - 1090 - 1092 - 1094 - 1096 - 1098 - 1100 - 1102 - 1104 - 1106 - 1108 - 1110 - 1112 - 1114 - 1116 - 1118 - 1120 - 1122 - 1124 - 1126 - 1128 - 1130 - 1132 - 1134 - 1136 - 1138 - 1140 - 1142 - 1144 - 1146 - 1148 - 1150 - 1152 - 1154 - 1156 - 1158 - 1160 - 1162 - 1164 - 1166 - 1168 - 1170 - 1172 - 1174 - 1176 - 1178 - 1180 - 1182 - 1184 - 1186 - 1188 - 1190 - 1192 - 1194 - 1196 - 1198 - 1200 - 1202 - 1204 - 1206 - 1208 - 1210 - 1212 - 1214 - 1216 - 1218 - 1220 - 1222 - 1224 - 1226 - 1228 - 1230 - 1232 - 1234 - 1236 - 1238 - 1240 - 1242 - 1244 - 1246 - 1248 - 1250 - 1252 - 1254 - 1256 - 1258 - 1260 - 1262 - 1264 - 1266 - 1268 - 1270 - 1272 - 1274 - 1276 - 1278 - 1280 - 1282 - 1284 - 1286 - 1288 - 1290 - 1292 - 1294 - 1296 - 1298 - 1300 - 1302 - 1304 - 1306 - 1308 - 1310 - 1312 - 1314 - 1316 - 1318 - 1320 - 1322 - 1324 - 1326 - 1328 - 1330 - 1332 - 1334 - 1336 - 1338 - 1340 - 1342 - 1344 - 1346 - 1348 - 1350 - 1352 - 1354 - 1356 - 1358 - 1360 - 1362 - 1364 - 1366 - 1368 - 1370 - 1372 - 1374 - 1376 - 1378 - 1380 - 1382 - 1384 - 1386 - 1388 - 1390 - 1392 - 1394 - 1396 - 1398 - 1400 - 1402 - 1404 - 1406 - 1408 - 1410 - 1412 - 1414 - 1416 - 1418 - 1420 - 1422 - 1424 - 1426 - 1428 - 1430 - 1432 - 1434 - 1436 - 1438 - 1440 - 1442 - 1444 - 1446 - 1448 - 1450 - 1452 - 1454 - 1456 - 1458 - 1460 - 1462 - 1464 - 1466 - 1468 - 1470 - 1472 - 1474 - 1476 - 1478 - 1480 - 1482 - 1484 - 1486 - 1488 - 1490 - 1492 - 1494 - 1496 - 1498 - 1500 - 1502 - 1504 - 1506 - 1508 - 1510 - 1512 - 1514 - 1516 - 1518 - 1520 - 1522 - 1524 - 1526 - 1528 - 1530 - 1532 - 1534 - 1536 - 1538 - 1540 - 1542 - 1544 - 1546 - 1548 - 1550 - 1552 - 1554 - 1556 - 1558 - 1560 - 1562 - 1564 - 1566 - 1568 - 1570 - 1572 - 1574 - 1576 - 1578 - 1580 - 1582 - 1584 - 1586 - 1588 - 1590 - 1592 - 1594 - 1596 - 1598 - 1600 - 1602 - 1604 - 1606 - 1608 - 1610 - 1612 - 1614 - 1616 - 1618 - 1620 - 1622 - 1624 - 1626 - 1628 - 1630 - 1632 - 1634 - 1636 - 1638 - 1640 - 1642 - 1644 - 1646 - 1648 - 1650 - 1652 - 1654 - 1656 - 1658 - 1660 - 1662 - 1664 - 1666 - 1668 - 1670 - 1672 - 1674 - 1676 - 1678 - 1680 - 1682 - 1684 - 1686 - 1688 - 1690 - 1692 - 1694 - 1696 - 1698 - 1700 - 1702 - 1704 - 1706 - 1708 - 1710 - 1712 - 1714 - 1716 - 1718 - 1720 - 1722 - 1724 - 1726 - 1728 - 1730 - 1732 - 1734 - 1736 - 1738 - 1740 - 1742 - 1744 - 1746 - 1748 - 1750 - 1752 - 1754 - 1756 - 1758 - 1760 - 1762 - 1764 - 1766 - 1768 - 1770 - 1772 - 1774 - 1776 - 1778 - 1780 - 1782 - 1784 - 1786 - 1788 - 1790 - 1792 - 1794 - 1796 - 1798 - 1800 - 1802 - 1804 - 1806 - 1808 - 1810 - 1812 - 1814 - 1816 - 1818 - 1820 - 1822 - 1824 - 1826 - 1828 - 1830 - 1832 - 1834 - 1836 - 1838 - 1840 - 1842 - 1844 - 1846 - 1848 - 1850 - 1852 - 1854 - 1856 - 1858 - 1860 - 1862 - 1864 - 1866 - 1868 - 1870 - 1872 - 1874 - 1876 - 1878 - 1880 - 1882 - 1884 - 1886 - 1888 - 1890 - 1892 - 1894 - 1896 - 1898 - 1900 - 1902 - 1904 - 1906 - 1908 - 1910 - 1912 - 1914 - 1916 - 1918 - 1920 - 1922 - 1924 - 1926 - 1928 - 1930 - 1932 - 1934 - 1936 - 1938 - 1940 - 1942 - 1944 - 1946 - 1948 - 1950 - 1952 - 1954 - 1956 - 1958 - 1960 - 1962 - 1964 - 1966 - 1968 - 1970 - 1972 - 1974 - 1976 - 1978 - 1980 - 1982 - 1984 - 1986 - 1988 - 1990 - 1992 - 1994 - 1996 - 1998 - 2000 - 2002 - 2004 - 2006 - 2008 - 2010 - 2012 - 2014 - 2016 - 2018 - 2020 - 2022 - 2024 - 2026 - 2028 - 2030 - 2032 - 2034 - 2036 - 2038 - 2040 - 2042 - 2044 - 2046 - 2048 - 2050 - 2052 - 2054 - 2056 - 2058 - 2060 - 2062 - 2064 - 2066 - 2068 - 2070 - 2072 - 2074 - 2076 - 2078 - 2080 - 2082 - 2084 - 2086 - 2088 - 2090 - 2092 - 2094 - 2096 - 2098 - 2100 - 2102 - 2104 - 2106 - 2108 - 2110 - 2112 - 2114 - 2116 - 2118 - 2120 - 2122 - 2124 - 2126 - 2128 - 2130 - 2132 - 2134 - 2136 - 2138 - 2140 - 2142 - 2144 - 2146 - 2148 - 2150 - 2152 - 2154 - 2156 - 2158 - 2160 - 2162 - 2164 - 2166 - 2168 - 2170 - 2172 - 2174 - 2176 - 2178 - 2180 - 2182 - 2184 - 2186 - 2188 - 2190 - 2192 - 2194 - 2196 - 2198 - 2200 - 2202 - 2204 - 2206 - 2208 - 2210 - 2212 - 2214 - 2216 - 2218 - 2220 - 2222 - 2224 - 2226 - 2228 - 2230 - 2232 - 2234 - 2236 - 2238 - 2240 - 2242 - 2244 - 2246 - 2248 - 2250 - 2252 - 2254 - 2256 - 2258 - 2260 - 2262 - 2264 - 2266 - 2268 - 2270 - 2272 - 2274 - 2276 - 2278 - 2280 - 2282 - 2284 - 2286 - 2288 - 2290 - 2292 - 2294 - 2296 - 2298 - 2300 - 2302 - 2304 - 2306 - 2308 - 2310 - 2312 - 2314 - 2316 - 2318 - 2320 - 2322 - 2324 - 2326 - 2328 - 2330 - 2332 - 2334 - 2336 - 2338 - 2340 - 2342 - 2344 - 2346 - 2348 - 2350 - 2352 - 2354 - 2356 - 2358 - 2360 - 2362 - 2364 - 2366 - 2368 - 2370 - 2372 - 2374 - 2376 - 2378 - 2380 - 2382 - 2384 - 2386 - 2388 - 2390 - 2392 - 2394 - 2396 - 2398 - 2400 - 2402 - 2404 - 2406 - 2408 - 2410 - 2412 - 2414 - 2416 - 2418 - 2420 - 2422 - 2424 - 2426 - 2428 - 2430 - 2432 - 2434 - 2436 - 2438 - 2440 - 2442 - 2444 - 2446 - 2448 - 2450 - 2452 - 2454 - 2456 - 2458 - 2460 - 2462 - 2464 - 2466 - 2468 - 2470 - 2472 - 2474 - 2476 - 2478 - 2480 - 2482 - 2484 - 2486 - 2488 - 2490 - 2492 - 2494 - 2496 - 2498 - 2500 - 2502 - 2504 - 2506 - 2508 - 2510 - 2512 - 2514 - 2516 - 2518 - 2520 - 2522 - 2524 - 2526 - 2528 - 2530 - 2532 - 2534 - 2536 - 2538 - 2540 - 2542 - 2544 - 2546 - 2548 - 2550 - 2552 - 2554 - 2556 - 2558 - 2560 - 2562 - 2564 - 2566 - 2568 - 2570 - 2572 - 2574 - 2576 - 2578 - 2580 - 2582 - 2584 - 2586 - 2588 - 2590 - 2592 - 2594 - 2596 - 2598 - 2600 - 2602 - 2604 - 2606 - 2608 - 2610 - 2612 - 2614 - 2616 - 2618 - 2620 - 2622 - 2624 - 2626 - 2628 - 2630 - 2632 - 2634 - 2636 - 2638 - 2640 - 2642 - 2644 - 2646 - 2648 - 2650 - 2652 - 2654 - 2656 - 2658 - 2660 - 2662 - 2664 - 2666 - 2668 - 2670 - 2672 - 2674 - 2676 - 2678 - 2680 - 2682 - 2684 - 2686 - 2688 - 2690 - 2692 - 2694 - 2696 - 2698 - 2700 - 2702 - 2704 - 2706 - 2708 - 2710 - 2712 - 2714 - 2716 - 2718 - 2720 - 2722 - 2724 - 2726 - 2728 - 2730 - 2732 - 2734 - 2736 - 2738 - 2740 - 2742 - 2744 - 2746 - 2748 - 2750 - 2752 - 2754 - 2756 - 2758 - 2760 - 2762 - 2764 - 2766 - 2768 - 2770 - 2772 - 2774 - 2776 - 2778 - 2780 - 2782 - 2784 - 2786 - 2788 - 2790 - 2792 - 2794 - 2796 - 2798 - 2800 - 2802 - 2804 - 2806 - 2808 - 2810 - 2812 - 2814 - 2816 - 2818 - 2820 - 2822 - 2824 - 2826 - 2828 - 2830 - 2832 - 2834 - 2836 - 2838 - 2840 - 2842 - 2844 - 2846 - 2848 - 2850 - 2852 - 2854 - 2856 - 2858 - 2860 - 2862 - 2864 - 2866 - 2868 - 2870 - 2872 - 2874 - 2876 - 2878 - 2880 - 2882 - 2884 - 2886 - 2888 - 2890 - 2892 - 2894 - 2896 - 2898 - 2900 - 2902 - 2904 - 2906 - 2908 - 2910 - 2912 - 2914 - 2916 - 2918 - 2920 - 2922 - 2924 - 2926 - 2928 - 2930 - 2932 - 2934 - 2936 - 2938 - 2940 - 2942 - 2944 - 2946 - 2948 - 2950 - 2952 - 2954 - 2956 - 2958 - 2960 - 2962 - 2964 - 2966 - 2968 - 2970 - 2972 - 2974 - 2976 - 2978 - 2980 - 2982 - 2984 - 2986 - 2988 - 2990 - 2992 - 2994 - 2996 - 2998 - 3000 - 3002 - 3004 - 3006 - 3008 - 3010 - 3012 - 3014 - 3016 - 3018 - 3020 - 3022 - 3024 - 3026 - 3028 - 3030 - 3032 - 3034 - 3036 - 3038 - 3040 - 3042 - 3044 - 3046 - 3048 - 3050 - 3052 - 3054 - 3056 - 3058 - 3060 - 3062 - 3064 - 3066 - 3068 - 3070 - 3072 - 3074 - 3076 - 3078 - 3080 - 3082 - 3084 - 3086 - 3088 - 3090 - 3092 - 3094 - 3096 - 3098 - 3100 - 3102 - 3104 - 3106 - 3108 - 3110 - 3112 - 3114 - 3116 - 3118 - 3120 - 3122 - 3124 - 3126 - 3128 - 3130 - 3132 - 3134 - 3136 - 3138 - 3140 - 3142 - 3144 - 3146 - 3148 - 3150 - 3152 - 3154 - 3156 - 3158 - 3160 - 3162 - 3164 - 3166 - 3168 - 3170 - 3172 - 3174 - 3176 - 3178 - 3180 - 3182 - 3184 - 3186 - 3188 - 3190 - 3192 - 3194 - 3196 - 3198 - 3200 - 3202 - 3204 - 3206 - 3208 - 3210 - 3212 - 3214 - 3216 - 3218 - 3220 - 3222 - 3224 - 3226 - 3228 - 3230 - 3232 - 3234 - 3236 - 3238 - 3240 - 3242 - 3244 - 3246 - 3248 - 3250 - 3252 - 3254 - 3256 - 3258 - 3260 - 3262 - 3264 - 3266 - 3268 - 3270 - 3272 - 3274 - 3276 - 3278 - 3280 - 3282 - 3284 - 3286 - 3288 - 3290 - 3292 - 3294 - 3296 - 3298 - 3300 - 3302 - 3304 - 3306 - 3308 - 3310 - 3312 - 3314 - 3316 - 3318 - 3320 - 3322 - 3324 - 3326 - 3328 - 3330 - 3332 - 3334 - 3336 - 3338 - 3340 - 3342 - 3344 - 3346 - 3348 - 3350 - 3352 - 3354 - 3356 - 3358 - 3360 - 3362 - 3364 - 3366 - 3368 - 3370 - 3372 - 3374 - 3376 - 3378 - 3380 - 3382 - 3384 - 3386 - 3388 - 3390 - 3392 - 3394 - 3396 - 3398 - 3400 - 3402 - 3404 - 3406 - 3408 - 3410 - 3412 - 3414 - 3416 - 3418 - 3420 - 3422 - 3424 - 3426 - 3428 - 3430 - 3432 - 3434 - 3436 - 3438 - 3440 - 3442 - 3444 - 3446 - 3448 - 3450 - 3452 - 3454 - 3456 - 3458 - 3460 - 3462 - 3464 - 3466 - 3468 - 3470 - 3472 - 3474 - 3476 - 3478 - 3480 - 3482 - 3484 - 3486 - 3488 - 3490 - 3492 - 3494 - 3496 - 3498 - 3500 - 3502 - 3504 - 3506 - 3508 - 3510 - 3512 - 3514 - 3516 - 3518 - 3520 - 3522 - 3524 - 3526 - 3528 - 3530 - 3532 - 3534 - 3536 - 3538 - 3540 - 3542 - 3544 - 3546 - 3548 - 3550 - 3552 - 3554 - 3556 - 3558 - 3560 - 3562 - 3564 - 3566 - 3568 - 3570 - 3572 - 3574 - 3576 - 3578 - 3580 - 3582 - 3584 - 3586 - 3588 - 3590 - 3592 - 3594 - 3596 - 3598 - 3600 - 3602 - 3604 - 3606 - 3608 - 3610 - 3612 - 3614 - 3616 - 3618 - 3620 - 3622 - 3624 - 3626 - 3628 - 3630 - 3632 - 3634 - 3636 - 3638 - 3640 - 3642 - 3644 - 3646 - 3648 - 3650 - 3652 - 3654 - 3656 - 3658 - 3660 - 3662 - 3664 - 3666 - 3668 - 3670 - 3672 - 3674 - 3676 - 3678 - 3680 - 3682 - 3684 - 3686 - 3688 - 3690 - 3692 - 3694 - 3696 - 3698 - 3700 - 3702 - 3704 - 3706 - 3708 - 3710 - 3712 - 3714 - 3716 - 3718 - 3720 - 3722 - 3724 - 3726 - 3728 - 3730 - 3732 - 3734 - 3736 - 3738 - 3740 - 3742 - 3744 - 3746 - 3748 - 3750 - 3752 - 3754 - 3756 - 3758 - 3760 - 3762 - 3764 - 3766 - 3768 - 3770 - 3772 - 3774 - 3776 - 3778 - 3780 - 3782 - 3784 - 3786 - 3788 - 3790 - 3792 - 3794 - 3796 - 3798 - 3800 - 3802 - 3804 - 3806 - 3808 - 3810 - 3812 - 3814 - 3816 - 3818 - 3820 - 3822 - 3824 - 3826 - 3828 - 3830 - 3832 - 3834 - 3836 - 3838 - 3840 - 3842 - 3844 - 3846 - 3848 - 3850 - 3852 - 3854 - 3856 - 3858 - 3860 - 3862 - 3864 - 3866 - 3868 - 3870 - 3872 - 3874 - 3876 - 3878 - 3880 - 3882 - 3884 - 3886 - 3888 - 3890 - 3892 - 3894 - 3896 - 3898 - 3900 - 3902 - 3904 - 3906 - 3908 - 3910 - 3912 - 3914 - 3916 - 3918 - 3920 - 3922 - 3924 - 3926 - 3928 - 3930 - 3932 - 3934 - 3936 - 3938 - 3940 - 3942 - 3944 - 3946 - 3948 - 3950 - 3952 - 3954 - 3956 - 3958 - 3960 - 3962 - 3964 - 3966 - 3968 - 3970 - 3972 - 3974 - 3976 - 3978 - 3980 - 3982 - 3984 - 3986 - 3988 - 3990 - 3992 - 3994 - 3996 - 3998 - 4000 - 4002 - 4004 - 4006 - 4008 - 4010 - 4012 - 4014 - 4016 - 4018 - 4020 - 4022 - 4024 - 4026 - 4028 - 4030 - 4032 - 4034 - 4036 - 4038 - 4040 - 4042 - 4044 - 4046 - 4048 - 4050 - 4052 - 4054 - 4056 - 4058 - 4060 - 4062 - 4064 - 4066 - 4068 - 4070 - 4072 - 4074 - 4076 - 4078 - 4080 - 4082 - 4084 - 4086 - 4088 - 4090 - 4092 - 4094 - 4096 - 4098 - 4100 - 4102 - 4104 - 4106 - 4108

# DAILY WEATHER REPORT *April 6<sup>th</sup>* 1877.

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 2).	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 ...	29.97	29	SW	2	o	29.98	+09	28	27	+1	NE	2	o	*	*	*	0.08		
Hernösand ...	30.01	30	S	2	b	29.90	-12	26	25	-4	2	o	o	*	*	*	-		
Stockholm ...	29.94	34	ESE	4	bc	29.78	-23	35	32	-1	SW	4	s	*	*	*	-		
Wisby ...	29.97	36	ESE	6	b	29.83	-19	36	36	+2	WS	6	bc	*	*	*	0.16		
Christiansund ...	29.63	43	ESE	3	b	29.60	-23	39	37	-4	SW	1	b	4	48	32	-		
Skudesnaes ...	29.65	39	SSE	2	r	29.64	+16	37	36	-8	ENE	2	o	3	45	?	0.47		
Oxö (Xtiansand) ...	29.69	33	NE	6	m	29.70	+07	34	33	0	NE	4	o	2	34	32	-		
Skagen (The Scaw) ...	29.68	35	ESE	4	r	29.73	+04	37	36	-1	2	o	o	0	41	32	0.20		
Fanö ...	29.67	40	S	1	c	29.63	+22	46	44	+6	S	4	b	*	46	37	0.12		
Cuxhaven ...	29.63	?	ENE	1	o	29.65	+25	46	44	-1	S	3	b	*	3	41	0.04		
Sumburgh Head																			
Stornoway	29.39	45	NE	2	b	29.44	+42	44	42	+1	NE	1	c	4	48	39	0.08		
Thurso ...	29.34	46	SE	2	bc	29.49	+40	42	41	-1	E	2	of	2	51	41	0.12		
Wick ...	29.41	46	ESE	4	bc	29.57	+40	43	42	+1	E	2	o	4	49	40	0.05		
Nairn ...	29.31	46	E	1	c	29.46	+41	43	41	+2	2	o	o	2	57	40	0.02		
Aberdeen ...	29.37	44	SSE	3	bc	29.45	+35	42	41	-2	SE	1	m	5	49	42	-		
Leith ...	29.25	48	ESE	1	bc	29.41	+31	41	41	-4	ENE	1	oo	*	67	38	-		
Shields ...	29.31	44	SE	5	bc	29.43	+25	42	41	-2	SW	4	of	5	50	41	0.02		
York ...	29.32	50	S	3	c	29.45	+24	44	42	+1	S	2	o	*	54	39	0.02		
Scarborough ...	29.35	45	SSE	3	c	29.46	+22	46	44	0	SW	2	b	2	51	41	0.07		
Nottingham ...	29.32	48	SSE	3	c	29.46	+32	45	43	-1	S	3	c	*	53	38	0.41		
Ardrossan ...	29.22	48	ESE	3	c	29.40	+31	43	41	-1	NE	2	om	1	52	39	0.01		
Greencastle ...	?	45	ESE	2	c	29.33	+34	45	44	+2	E	2	b	*	52	35	0.05		
Donaghadee ...	29.18	45	SSE	5	bc	29.37	+33	43	43	+1	SSE	4	c	3	49	41	0.08		
Kingstown ...	29.03	47	ENE	3	c	29.35	+35	42	41	0	S	1	of	1	48	40	0.03		
Holyhead ...	29.18	47	SSW	4	c	29.38	+32	45	43	+1	SSE	2	cb	1	52	42	0.24		
Liverpool (Bidston) ...	29.24	50	SE	3	bc	29.40	+25	45	42	+1	SE	2	bc	1	53	37	0.08		
Valencia ...	29.13	50	SW	2	bc	29.26	+32	46	43	+3	ENE	1	bc	2	52	38	0.06		
Roche's Point...	29.09	46	WSW	3	o	29.27	+36	46	44	+2	SSW	3	bc	4	53	41	0.42		
Pembroke ...	29.21	47	SW	5	c	29.34	+31	46	44	+2	SE	4	b	3	50	43	0.06		
Portishead ...	29.31	45	WSW	4	r	29.40	+23	44	42	-1	WSW	2	c	2	52	38	0.19		
Seilly ...																			
Plymouth ...	29.31	46	SW	4	o	29.38	+23	42	42	-5	E	1	of	*	54	40	0.11		
Hurst Castle ...	29.37	49	SSW	5	c	29.45	+20	49	48	+2	SSW	5	o	5	50	42	0.29		
Dover ...	29.46	48	SW	5	bc	29.52	+15	47	45	+1	SSW	5	bcg	4	50	44	0.03		
London ...	29.40	57	S	6	c	29.47	+16	48	45	-2	SSW	3	c	*	53	41	0.11		
Oxford ...	*	*	*	*	*	29.45	+19	48	44	-1	S	1	o	*	53	40	0.32		
Cambridge ...	29.39	48	S	2	c	29.48	+16	44	43	-3	SSW	1	r	*	55	39	0.22		
Yarmouth ...	29.43	47	S	4	b	29.53	+19	45	44	-2	S	4	cm	3	49	41	0.01		
The Helder ...	*	*	*	*	*	29.61	+19	45	43	-2	S	1	bc	*	*	*	0.24		
Cape Gris Nez	29.48	48	SSW	4	bc	29.55	+14	45	43	-1	SSW	5	b	4	52	43	-		
Brest ...	29.39	?	SW	4	o	29.43	+16	46	43	-2	WSW	3	o	5	50	43	0.20		
L'Orient ...	29.48	48	W	5	*	29.50	+11	46	43	0	WSW	5	r	5	52	39	0.35		
Rochefort ...	29.58	54	SW	8	c	29.62	+12	50	45	0	SW	78	r	7	63	39	0.28		
Biarritz ...	29.68	59	SSW	6	r	29.76	+07	54	48	+2	SSW	4	b	5	64	46	0.04		
Corunna ...	*	*	*	*	*									*	*	*	*		
Brussels ...	*	*	*	*	*	29.65	+15	47	*	+2	SSW	6	o	*	*	*	-		
Charleville ...	*	*	*	*	*	29.66	+10	44	*	0	SE	3	b	*	*	*	*		
Paris ...	29.61	52	S	4	c	29.68	+14	45	*	0	S	4	b	*	*	*	0.04		
Lyons ...	*	*	*	*	*	29.84	+10	55	*	+4	SE	2	bc	*	*	*	*		
Toulon ...	29.86	52	N	2	b	29.89	+08	49	48	0	E	3	o	4	59	48	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.58	41	37	SE	2	o	4	Valencia .....	29.06	50	46	W	1	bc	1
Thurso .....	29.25	50	47	E	3	c	3	Seilly .....							
Scarborough ...	29.30	45	44	SSE	5	c	4	London .....	29.35	53	48	S	5	c	*
Greencastle ...	29.04	57	46	SE	2	c	*	Rochefort ...	29.58	55	50	SW	8	bc	7
Holyhead .....	29.13	50	47	SSW	5	cq/p	4								

The barometer has risen everywhere, and moderate to fresh S<sup>ly</sup> winds prevail over  
 S<sup>th</sup> Britain with fair weather  
 Signals are now down on all coasts.

## EXPLANATION OF COLUMNS.

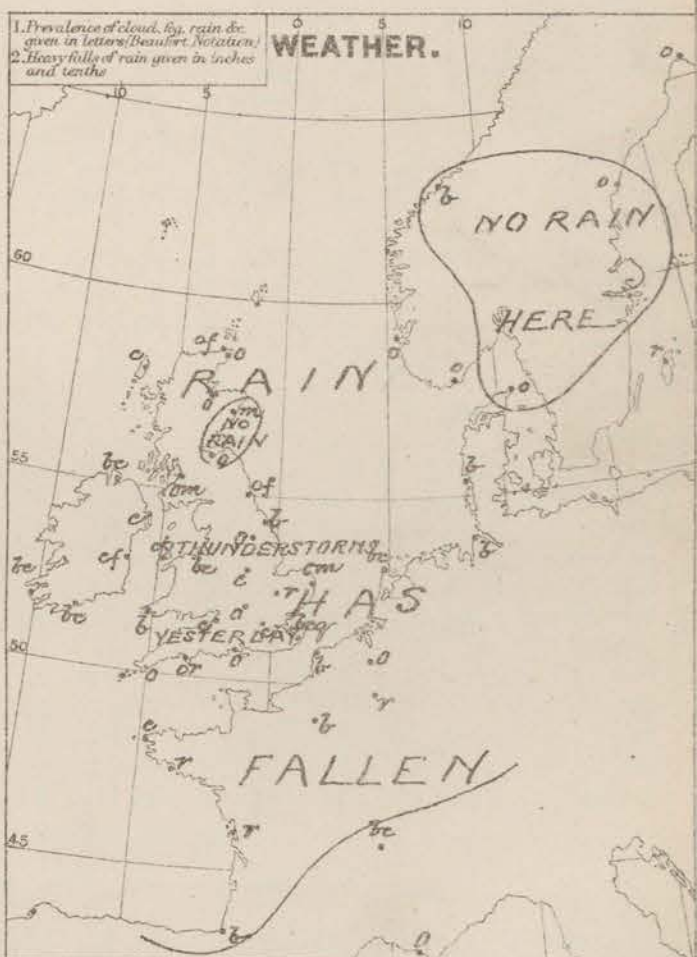
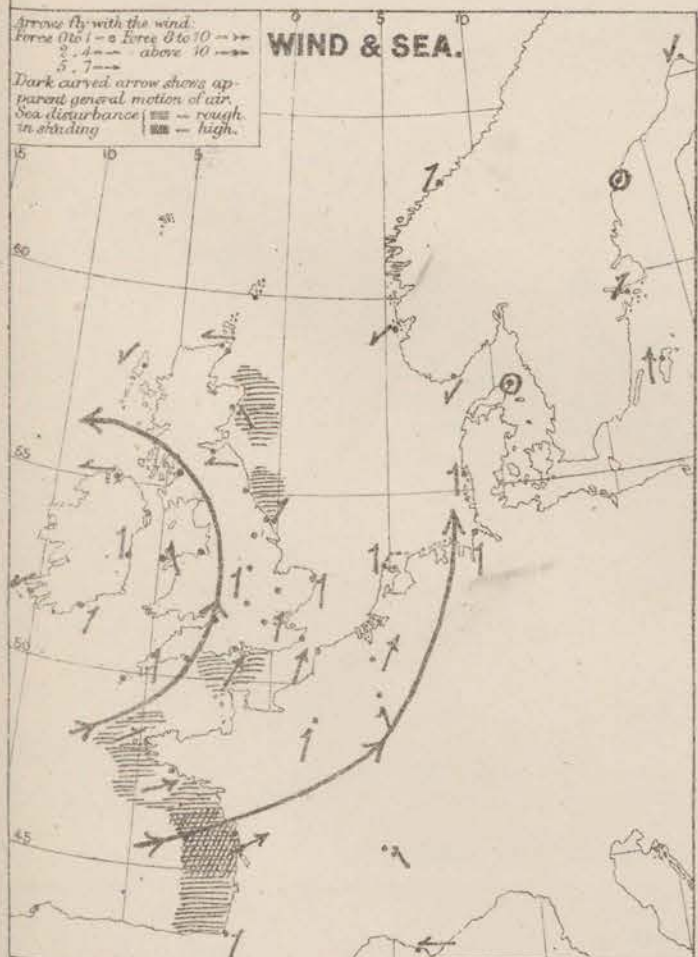
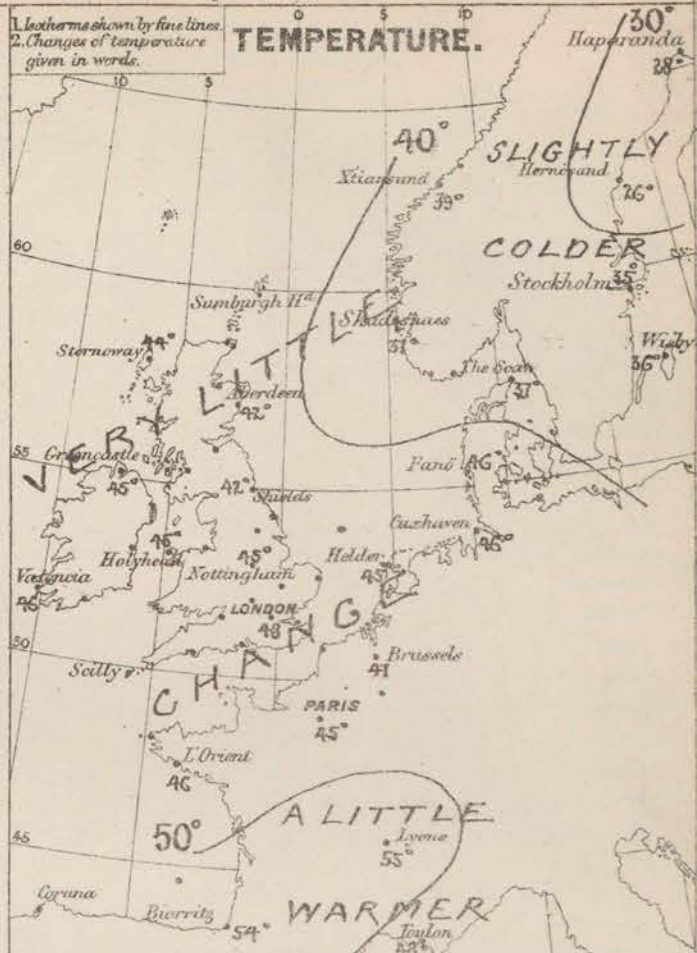
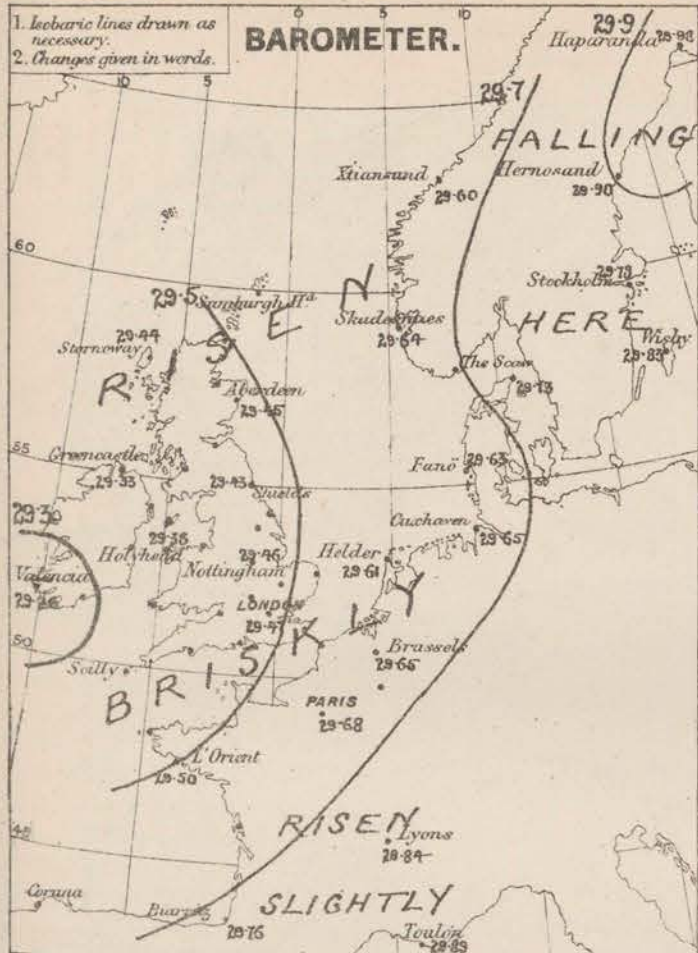
**WEATHER.**—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark; and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on *Fri-day* APRIL 6<sup>TH</sup> 1877.



REMARKS.

REMARKS. During the past 24 hours the barometer has continued to rise over the whole of our Islands, France and the North Sea, while in Sweden it has fallen a little. Moderate gradients now prevail, viz. the S. and very slight ones in the N. The winds are consequently light to moderate in most places, drawing round from SW in the Bay of Biscay, through E in our Islands, and N. Germany, to SE. and E. at our N. stations, while a light NE breeze is felt in the S. of Norway. In the Sea of Dover, and at some of the French stations there is a very fresh breeze blowing. Temperature has undergone very little change in our Islands. Thunder and lightning have again occurred in many parts of England; rain has fallen generally, and the weather has still a somewhat showery appearance. The sea is rather rough in the S. and also over our NE. coast, but is smooth in the W.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand & per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

**R. H. SCOTT.**  
Director

# DAILY WEATHER REPORT *April 7<sup>th</sup> 1877.*

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 ...	29.99	24	NN	4	0	29.95	-03	21	20	-7	NE	4	3	*	*	*	-	
Hernösand ...	29.76	31	SSW	2	0	29.86	-04	25	24	-1	E	6	0	*	*	*	0.16	
Stockholm ...	29.82	32	S	2	f	29.79	+01	37	36	+2	S	2	0	*	*	*	0.04	
Wisby ...	29.90	40	S	6	0	29.88	+05	41	40	+5	SSE	4	6	*	*	*	0.04	
Christiansund ...	29.64	37	NSW	1	r	29.67	+07	36	36	-3	Z	0	0	4	43	32	-	
Skudesnaes ...	29.61	40	NE	2	r	29.63	-01	40	39	+3	E	2	0	2	43	37	-	
Oxö (Xtiansand)	29.64	35	NE	4	0	29.67	-03	36	35	+2	ENE	2	f	2	36	32	-	
Skagen (The Scaw)	29.66	41	S	3	r	29.70	-03	40	39	+3	Z	0	0	0	48	34	0.16	
Fanö ...	29.69	38	SSW	1	b	29.64	+01	42	42	-4	SSE	4	r	*	50	37	0.39	
Cuxhaven ...	29.71	?	N	3	b	29.70	+05	46	44	0	SW	4	6	*	*	39	0.06	
Sumburgh Head																		
Stornoway	29.48	45	N	2	0	29.53	+09	45	44	+1	E	1	0	4	48	40	-	
Thurso ...	29.50	43	ENE	2	0	29.55	+06	43	42	+1	SSE	1	0	2	?	41	0.01	
Wick ...	29.53	43	E	1	f	29.56	+05	42	42	-1	Z	0	0	2	45	40	-	
Nairn ...	29.47	42	ENE	1	r	29.54	+08	40	39	-3	Z	0	0	1	44	39	0.05	
Aberdeen ...	29.48	42	SE	1	m	29.53	+08	43	42	+1	SSE	1	0	3	46	42	0.04	
Leith ...	29.38	43	ENE	3	r	29.53	+11	43	41	+2	SE	1	com	*	49	37	0.08	
Shields ...	29.44	44	SE	4	b	29.54	+11	42	41	0	N	1	om	3	50	40	-	
York ...	29.49	49	SE	1	b	29.57	+12	42	41	-2	WNW	1	0	*	54	38	-	
Scarborough ...	29.48	43	ESE	2	c	29.57	+11	42	41	-4	NSW	1	0	2	50	41	-	
Nottingham ...	29.47	44	SSE	1	r	29.60	+14	46	44	+1	SSW	1	b	*	55	39	0.05	
Ardrossan ...	29.46	45	ESE	2	0	29.50	+10	42	41	-1	E	1	cf	1	51	37	0.03	
Greencastle ...	29.40	47	S	1	c	29.47	+14	47	44	+2	ESE	1	b	*	54	35	-	
Donaghadee ...	29.44	44	SSE	3	b	29.52	+15	44	44	+1	E	3	b	2	52	38	-	
Kingstown ...	29.42	48	S	3	b	29.51	+16	45	43	+3	SSE	3	c	2	49	40	-	
Holyhead ...	29.43	47	N	1	c	29.53	+15	45	44	0	S	2	a	2	52	42	0.06	
Liverpool (Bidston)	29.42	47	SE	2	b	29.56	+16	43	41	-2	S	1	0	1	54	41	-	
Valencia ...	29.37	48	WNW	2	c	29.26	+10	47	44	+1	E	3	b	2	52	41	0.15	
Roche's Point...	29.41	49	SW	4	b	29.41	+14	46	45	0	SSW	4	r	4	54	43	0.29	
Pembroke ...	29.46	49	SW	1	b	29.49	+15	45	43	-1	SE	3	c	3	49	43	0.05	
Portishead ...	29.45	46	NSW	5	b	29.56	+16	45	44	+1	S	3	0	3	52	39	0.20	
Scilly ...																		
Plymouth ...	29.50	47	SW	2	0	29.55	+17	46	45	+4	S	2	0	*	52	42	0.24	
Hurst Castle ...	29.47	48	NSW	5	c	29.62	+17	48	48	-1	SW	5	c	5	49	43	0.09	
Dover ...	29.57	47	SW	5	b	29.69	+17	49	47	+2	SW	4	cg	3	51	43	0.35	
London ...	29.49	47	S	1	0	29.65	+18	48	46	0	SSW	2	0	*	55	39	0.05	
Oxford ...	*	*	*	*	*	29.63	+18	43	42	-2	SW	1	0	*	53	37	0.35	
Cambridge ...	29.47	50	NN	1	r	29.65	+17	45	44	+1	SW	1	c	*	59	37	0.18	
Yarmouth ...	29.52	46	SSE	3	b	29.63	+10	45	43	0	NSW	3	bm	2	49	41	0.02	
The Helder. ...	*	*	*	*	*	29.64	+03	47	45	+2	SSW	3	0	*	*	*	0.08	
Cape Gris Nez	29.55	45	SSW	4	b	29.74	+19	46	45	+1	SSW	4	b	3	54	44	0.12	
Brest ...	29.63	?	N	4	b	29.58	+15	48	45	+2	SW	4	0	5	50	39	0.20	
L'Orient ...	29.70	48	N	5	r	29.67	+17	48	48	+2	SW	5	r	5	54	?	0.08	
Rochefort ...	29.73	54	N	8	b	29.69	+07	50	46	0	SE	3	b	3	63	36	0.20	
Biarritz ...	29.88	59	NNN	3	b	29.79	+03	57	50	+3	SSW	5	0	5	61	45	-	
Corunna ...	*	*	*	*	*									*	*	*	*	
Brussels ...	*	*	*	*	*	29.74	+12	43	*	-4	SW	6	b	*	*	*	-	
Charleville ...	*	*	*	*	*	29.78	+12	44	*	0	SSE	3	b	*	*	*	*	
Paris ...	29.69	50	SSW	5	c	29.82	+14	42	*	-3	S	3	c	*	*	*	0.04	
Lyons ...	*	*	*	*	*	29.94	+10	51	*	-4	NE	2	m	*	*	*	*	
Toulon ...	29.87	54	SW	3	m	29.90	+01	55	46	+7	NN	2	b	4	61	48	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.61	42	40	ENE	2	0	Valencia	29.33	50	45	SE	3	b
Thurso	29.50	45	44	E	2	0	Scilly						
Scarborough	29.48	44	44	SSE	2	c	London	29.48	53	49	S	4	cp
Greencastle	29.37	53	50	E	2	b	Rochefort	29.69	54	46	NSW	8	b
Holyhead	29.42	51	48	N	1	c							

*No important change has occurred since the morning.*

## EXPLANATION OF COLUMNS.

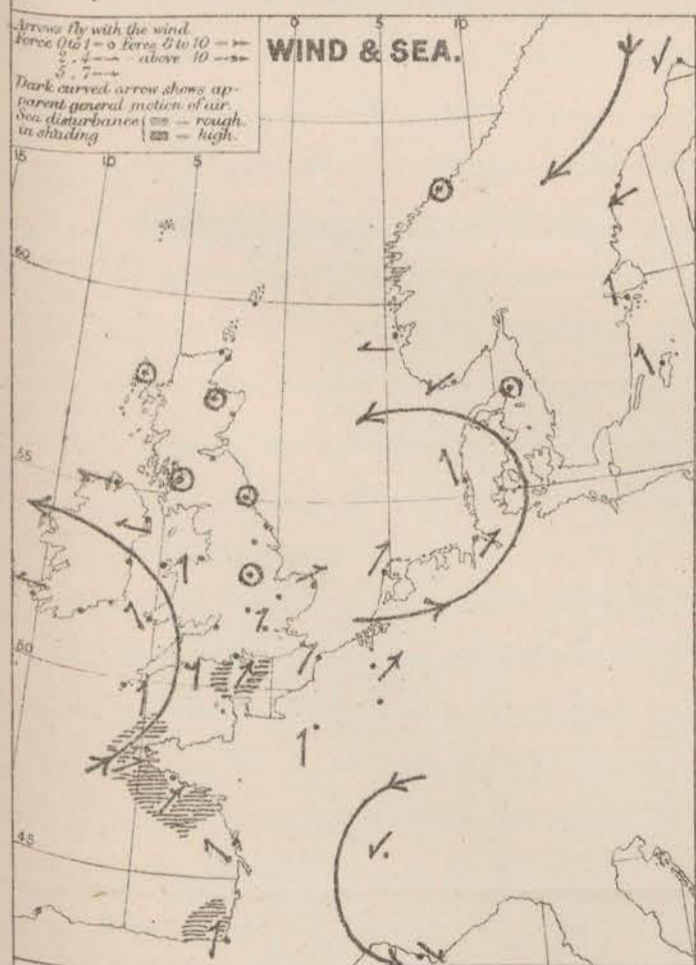
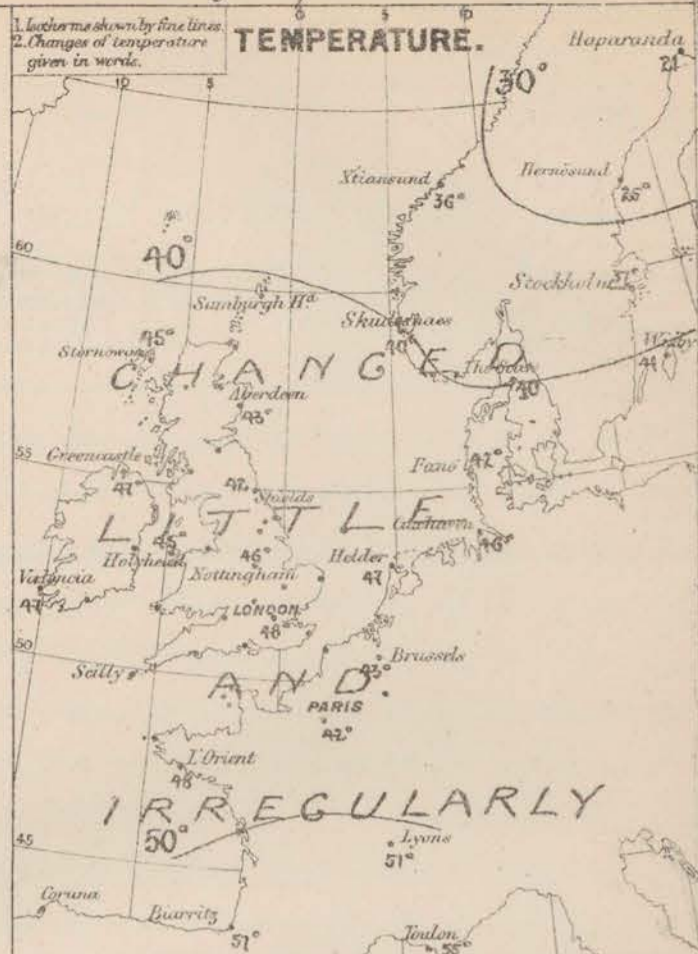
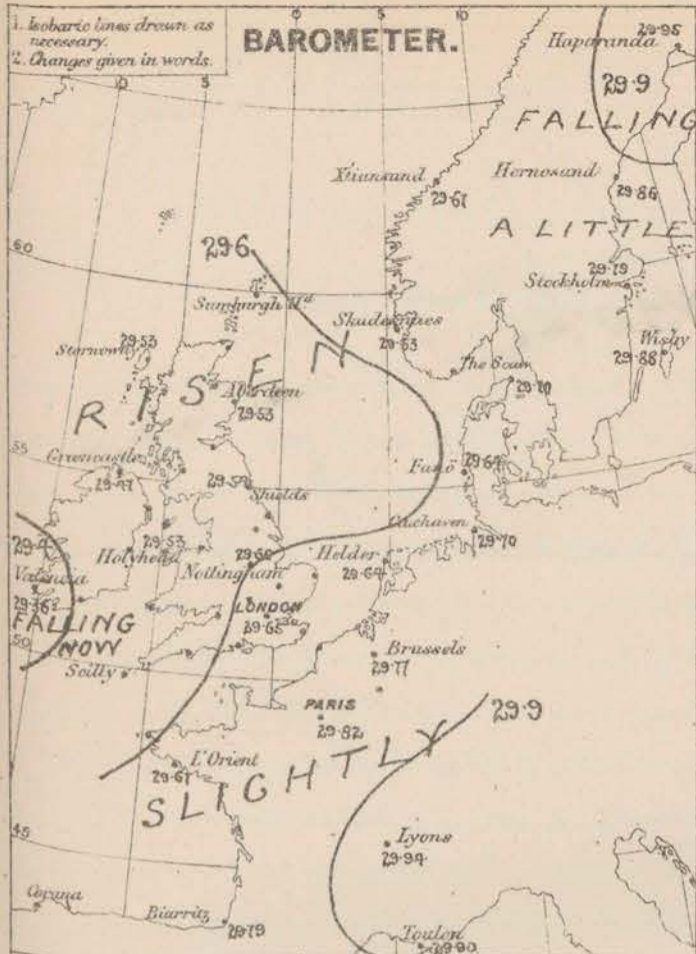
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Saturday April 7<sup>th</sup> 1877.



**REMARKS.** Although the barometer has risen during the past 24 hours over the whole of W. Europe, the changes have been somewhat irregular, and the tendency now is to fall again in the S.W. of our Islands and at West. Pressure is relatively high both in the S. of France, and N. of Sweden, and also to the W. of Ireland, while several imperfectly formed depressions are found in various parts of our neighbourhood. The wind is extremely light and variable over the United Kingdom. In France, the Channel and Holland it is W. in direction, and moderate to fresh in force, while in Norway, and the extreme N. of Scotland it is E. Temperature has changed very little and irregularly. In London a slight frost occurred on the grass during the night. Showers of rain have again fallen in most places, with thunder and hail over Central England. The sky is cloudy generally. The sea is rough in the S. but slight or smooth elsewhere. A brilliant meteor was seen at Pembroke and Rock's Pt. last evening passing from E. to W.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10 per quarter, book post 5 per quarter.

Meteorological Office. R. H. SCOTT. Director.  
116, Victoria Street, Westminster, S.W.

# SUMMARY OF WEATHER IN WESTERN EUROPE

from APRIL 1<sup>st</sup> to APRIL 7<sup>th</sup> 1877.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

On the first a large depression which had passed from West to East to the West of these Islands was travelling away over Scandinavia and the barometer was rising with a NW<sup>ly</sup> wind over the greater part of the United Kingdom. The next morning, however, pressure was again giving way at Stornoway, and by the evening a fresh depression lay off our NW. Coasts. This was supplemented by the advance of an equally deep disturbance over our SW<sup>ly</sup> stations, so that on Tuesday a large area of low pressure lay over our W. Coasts, while comparatively high readings lay both in Sweden, and the South of France. This distribution continued comparatively little altered until the close of the week. At first gradients were rather steep, and the S<sup>ly</sup> to SE<sup>ly</sup> winds over the North Sea and in the Moray Firth, and the SW<sup>ly</sup> winds in the Bay of Biscay were strong to a gale but subsequently readings became more uniform, the winds much lighter, and the weather moderately fair. On Wednesday and Thursday a good deal of thunder and lightning occurred over the country, the storm on Wednesday afternoon being most severe. The weather has been generally warm and temperature moderately uniform.

APRIL 1<sup>st</sup> The deep depression which had advanced to the East of Norway at the close of the previous week, had continued to move E<sup>ly</sup> and its centre at 8 a.m. lay over central Sweden. The barometer had fallen very rapidly in that district and to a less extent at all the other Continental stations as well as over England. In Scotland on the contrary the mercury had risen, and this increase had extended during the night to most of our own and the NW French stations. The wind circulated round the low pressure, blowing from NW on our coasts and over the North Sea, from W. in the Skager Rack, from SW in the Baltic, and from SE in the Gulf of Bothnia. It was moderate generally in these Islands, but strong in Scandinavia. Temperature had fallen somewhat at our NW and NE<sup>ly</sup> stations, but risen elsewhere, as much as 25° in Sweden. The sky was overcast except in Denmark. In the evening the barometer was falling in the S. though still rising in the North.

APRIL 2<sup>nd</sup> The depression in the N. still moved slowly E<sup>ly</sup> and the barometer was rising slowly in the N. of Norway, but in all other parts of NW Europe pressure was giving way, the decrease being rather brisk at Stornoway. Light N. to NW winds prevailed at most of our stations, but at Stornoway a SW<sup>ly</sup> breeze had sprung up, while on the E<sup>ly</sup> shores of the North Sea, very strong winds from NW still held. Temperature had scarcely changed, and the weather continued very dull generally, though in the NE it had cleared considerably. During the day the barometer fell very briskly in the N. and steep gradients were in process of formation, but in the evening the mercury was giving way equally quickly in the SW. so that the atmospheric tension in the West did not become serious.

APRIL 3<sup>rd</sup> The barometer was rising over Scandinavia, Denmark, and North Germany, but falling elsewhere. Over nearly the whole of these Islands and the West of France the decrease amounted to about five tenths, and at the SW<sup>ly</sup> stations reached seven tenths of an inch. In consequence of this excess of fall in the SW the gradients noticed on the previous day had disappeared and a large area of low pressure was shown in the N. The winds were consequently light and varied a good deal in direction at the NW stations, but over France, England, and the North Sea S<sup>ly</sup> breezes prevailed. Temperature had risen in St Britain and France, but fallen elsewhere. The sky was cloudy or overcast except in the N. of Scotland. Later Reports showed that a deep depression had advanced from the SW<sup>ly</sup> and at 6 P.M. lay over

Wallo, causing the S.W. winds in the East, and the S.E. winds in the N. to freshen considerably.

APRIL 4<sup>th</sup> Two depressions lay over our N.W. stations; one at the Mouth of <sup>the</sup> English Channel, the other off the N. Coast of Scotland, and the barometer continued to fall over the whole of these Islands, while in Sweden it still rose briskly. In consequence gradients became steep on the Continent and over the North Sea, and strong winds or fresh S.E. gales were experienced generally, but in these Islands pressure had become uniformly low, and light S.W. (S.W. to S.E.) winds prevailed. Temperature had scarcely changed and the sky remained very cloudy with rain in many places. Pressure rose somewhat at our N.W. stations, in the course of the day but fell elsewhere and at 6 P.M. a large area in which readings were below 29 inches lay over Ireland, Wales, and the greater part of England and Scotland. During the afternoon a serious thunderstorm passed N.E. <sup>wards</sup> over Central France and the East of England, the weather just previous to its approach being exceedingly warm and close. The fall of temperature as the storm passed off exceeded 10°, and at night a heavy S.E. gale set in over the Moray Firth.

APRIL 5<sup>th</sup> The barometer was rising in nearly all places, but the general distribution of pressure remained very similar to that of the previous evening. Readings were lowest about 29 inches over Ireland, and increased to 30 inches in Sweden, and to 29.8 inches in the South of France. The wind was S.W. over France, generally S.W. in these Islands, S.E. over the North Sea, and in Caithness. It blew a hard gale at Rochefort and in the extreme N. of Scotland, and was generally fresh or strong in force. The sea on the Scotch Coast was extremely high owing to <sup>the</sup> prevalence of the easterly gales on the E. shore of the North Sea. Temperature had fallen generally. On the previous afternoon it had reached 67° in London, and 68° at Cape Gris Nez. The weather was moderately clear except in the N. where rain was falling. Later Reports showed a further general rise of the barometer.

APRIL 6<sup>th</sup> The barometer continued to rise in all places except Sweden, where a slight decrease had occurred. Pressure continued lowest over Ireland, and high both in Sweden and the S. of France, gradients were, however, everywhere slight, and the winds which drew round from S.W. over the Bay of Biscay, though S. in England, N. Germany, and Denmark, into E. in Norway and Scotland was generally light in force. At Rochefort, however, a fresh gale was reported, while in the upper part of the Channel the wind was fresh. Temperature had scarcely changed, but the sky had become generally overcast with rain in some places. No important change occurred during the day.

APRIL 7<sup>th</sup> During the night the barometer had commenced to fall both in the S. of Ireland, and over the Bay of Biscay, but in all other places the mercury still rose. The distribution of pressure was almost unaltered on the whole, but it was complicated by the presence of various shallow depressions over our area. The wind was light on all coasts. It was generally S.W. over France, Holland, England and Ireland, but further to the N.W. it varied considerably in direction. Temperature had again changed very little but during the night the thermometer in the shade in London had fallen to 39° and a slight frost had occurred on the grass. The sky continued cloudy, and at our S.W. stations rain was falling. Later Reports showed that the barometer was falling in the S. and rising steadily in the N. but the changes in both instances were very slight.

# DAILY WEATHER REPORT APRIL 8<sup>TH</sup> 1877.

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 ...	30.04	20	NE	4	c	29.94	- .01	17	16	- .4	NE	6	c	*	*	*	0.16	
Härnösand ...	29.51	21	E	6	o	29.73	- .13	21	21	- .4	E	6	s	*	*	*	0.32	
Stockholm ...	29.68	35	S	4	o	29.68	- .11	38	37	+ .1	SW	3	o	*	*	*	-	
Wisby ...	29.78	28	SSE	6	f	29.81	- .07	40	38	- .1	SW	6	c	*	*	*	0.04	
Christiansund ...	29.67	36	NNE	2	o	29.70	+ .03	33	32	- .3	NNE	2	f	3	40	32	-	
Skudesnaes ...	29.65	42	Z	0	o	29.71	+ .08	41	40	+ .1	Z	0	f	2	45	39	-	
Oxö (Ålön) ...	29.67	37	NE	2	f	29.73	+ .06	35	35	- .1	N	3	f	1	31	32	+	
Skagen (The Suw)	29.67	40	SW	2	o	29.75	+ .05	39	39	- .1	SW	2	o	0	41	34	0.08	
Fanö ...	29.75	42	SW	3	c	29.74	+ .10	41	41	- .1	E	3	c	*	46	39	0.04	
Cuxhaven ...	29.77	?	SW	3	bc	29.74	+ .04	44	46	0	SE	1	o	*	*	41	0.07	
Sumburgh Head																		
Stornoway	29.57	45	NE	2	f	29.68	+ .15	44	41	- .1	NE	4	f	4	48	36	-	
Thurso ...	29.60	44	ESE	3	o	29.70	+ .15	43	42	0	Z	0	of	2	38	39	0.10	
Wick ...	29.64	43	S	1	o	29.72	+ .16	43	44	+ .1	ESE	1	o	1	48	39	0.05	
Nairn ...	29.67	44	Z	0	bc	29.68	+ .14	36	35	- .4	Z	0	bc	1	44	33	0.01	
Aberdeen ...	29.60	44	SE	3	c	29.68	+ .15	42	40	- .1	E	1	o	2	49	40	-	
Leith ...	29.50	43	E	2	bc	29.66	+ .14	41	41	- .2	ESE	3	f	*	51	40	0.04	
Shields ...	29.60	42	SE	4	o	29.66	+ .12	42	42	0	NE	1	om	1	45	40	0.02	
York ...	29.58	49	S	1	o	29.72	+ .15	42	42	0	SW	1	o	*	54	39	-	
Scarborough ...	29.60	43	NE	1	o	29.67	+ .10	48	47	+ .6	SSE	1	c	1	48	42	0.02	
Nottingham ...	29.53	47	SSE	3	c	29.68	+ .08	46	?	0	S	3	om	*	58	40	0.45	
Ardrossan ...	29.50	50	NE	1	c	?	?	42	40	0	ESE	3	c	1	34	41	-	
Greencastle ...	29.49	47	E	2	c	29.58	+ .11	44	43	- .3	E	1	o	*	55	40	-	
Donaghadee ...	29.53	45	ESE	3	f	29.60	+ .08	46	45	+ .2	ESE	4	c	3	51	43	-	
Kingstown ...	29.51	47	SSE	3	bc	29.57	+ .06	47	46	+ .2	SSE	3	c	3	49	43	0.46	
Holyhead ...	29.52	48	ESE	3	c	29.58	+ .05	46	45	+ .1	SSE	2	c	1	52	41	0.12	
Liverpool (Bidston)	29.54	44	SE	1	o	29.61	+ .05	46	44	+ .3	SE	2	bc	1	54	40	0.08	
Valencia ...	29.34	49	ESE	4	w	29.37	+ .01	50	48	+ .3	SE	5	c	5	52	43	0.55	
Roche's Point...	29.43	50	SSE	3	bc	29.45	+ .04	50	49	+ .4	SSE	4	bc	4	55	46	0.32	
Pembroke ...	29.51	49	SSE	2	bc	29.55	+ .06	48	47	+ .3	SE	3	bc	3	50	44	0.02	
Portishead ...	29.55	49	SW	4	c	29.61	+ .05	48	47	+ .3	SW	3	op	3	53	42	0.19	
Scilly ...																		
Plymouth ...	29.55	51	Z	0	o	29.58	+ .03	51	50	+ .5	SW	2	o	*	54	45	0.08	
Hurst Castle ...	29.60	50	SW	5	bc	29.66	+ .04	50	50	+ .2	S	4	o	4	50	46	0.01	
Dover ...	29.58	49	S	4	c	29.73	+ .04	61	49	+ .2	SW	2	bc	2	51	45	0.01	
London ...	29.63	50	SSE	3	c	29.69	+ .04	49	48	+ .1	S	2	o	*	55	43	0.10	
Oxford ...	*	*	*	*	*	29.67	+ .04	48	47	+ .5	S	1	o	*	53	41	0.08	
Cambridge ...	29.60	48	Z	0	c	29.70	+ .05	46	45	+ .1	S	1	om	*	55	38	0.14	
Yarmouth ...	29.66	46	SSE	3	c	29.72	+ .09	47	46	+ .2	SW	1	bc	2	53	42	0.16	
The Helder...	*	*	*	*	*	29.74	+ .10	48	46	+ .1	SW	1	f	*	*	*	0.16	
Cape Gris Nez	29.65	46	SW	3	f	29.75	+ .01	48	46	+ .2	S	2	c	1	55	45	0.12	
Brest ...	29.62	55	SW	3	o	29.61	+ .03	50	48	+ .2	SW	3	f	5	5	45	0.08	
L'Orient ...	29.69	52	SW	4	c	29.63	- .04	48	46	0	S	3	f	5	55	41	0.24	
Rochefort ...	29.73	59	SW	3	f	29.60	- .09	55	53	+ .5	SE	4	bc	3	63	36	0.04	
Biarritz ...	29.75	61	S	5	o	29.63	- .16	61	55	+ .4	SSE	2	o	5	68	58	0.04	
Corunna ...	*	*	*	*	*	29.71	-	57	*		SW	3	c	1	*	*	*	
Brussels ...	*	*	*	*	*	29.78	+ .01	46	*	+ .3	SW	1	bc	*	*	*	0.08	
Charleville ...	*	*	*	*	*	29.84	+ .06	50	*	+ .6	ESE	1	f	*	*	*	*	
Paris ...	29.70	51	SSE	3	f	29.76	- .06	46	*	+ .4	SE	4	o	*	*	*	0.24	
Lyons ...	*	*	*	*	*	29.88	- .06	56	*	+ .5	SE	2	f	*	*	*	*	
Toulon ...	29.89	55	W	3	c	29.96	+ .06	50	48	- .5	E	4	bc	4	63	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes ...	29.64	45	42	Z	0	2	Valencia ...	29.35	51	46	ESE	5	4
Thurso ...	29.57	47	45	ESE	2	3	Scilly ...						
Scarborough ...	29.60	44	43	ESE	1	2	London ...	29.64	54	50	S	3	*
Greencastle ...	29.49	51	48	ESE	2	bc	Rochefort ...	29.68	59	54	W	4	3
Holyhead ...	29.55	48	47	SSE	2	op							

The barometer still falls slowly in the SW, and a fresh ESE wind has set in at Valencia with gloomy weather; but no other change of importance is reported.

## EXPLANATION OF COLUMNS.

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

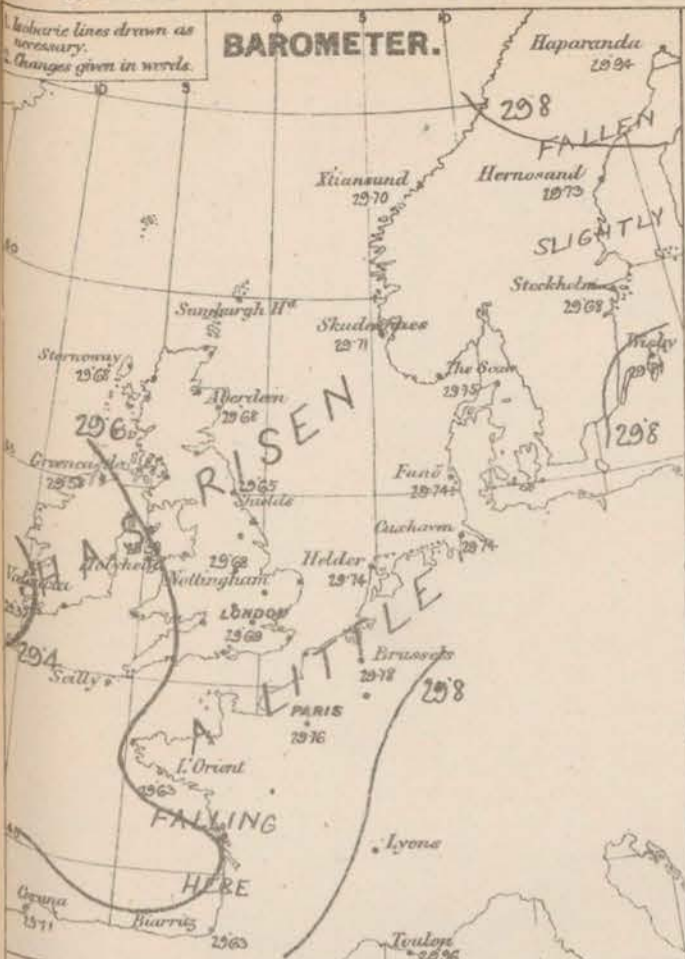
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Sunday 8<sup>TH</sup> APRIL 1877.

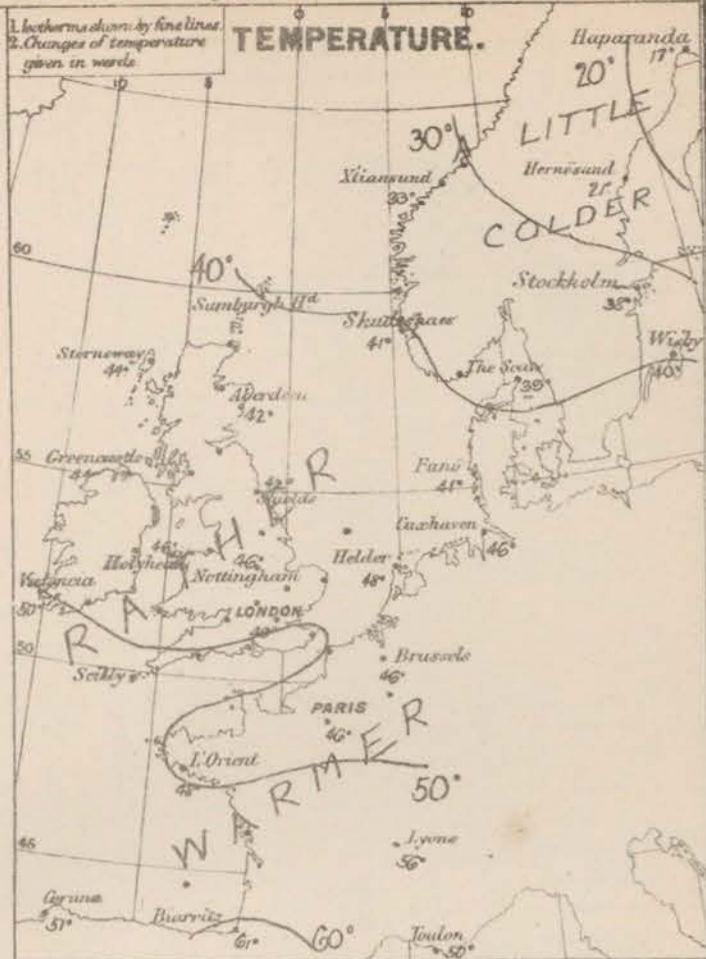
Isobaric lines drawn as necessary.  
Changes given in words.

## BAROMETER.



1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



Arrows fly with the wind.  
Lines 1 to 10 —  
2 to 10 —  
3 to 10 —  
4 to 10 —  
5 to 10 —  
6 to 10 —  
7 to 10 —  
8 to 10 —  
9 to 10 —  
10 to 10 —  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance — rough in shading — high.

## WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (see note on notation).  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** Since yesterday morning the changes in pressure over the British Islands and their neighbourhood have been slight and comparatively unimportant. The general distribution of pressure therefore remains almost unaltered, readings being still lowest in the south west of Ireland; but the conditions are slightly complicated by the presence of a second area of low pressure which is advancing from the Bay of Biscay, and at present lies just outside the west coast of France. The winds, which are light or moderate in force generally, are S<sup>W</sup> in direction except at the Scotch stations, where they blow into E. Temperature has not changed much, but the general tendency has been to increase over these Islands and France, and to decrease in Scandinavia. Rain has fallen in nearly all places, and the sky is still overcast generally, with wet weather at several of the southern stations. The sea is rather rough at Valencia and on the north west coast of France, moderate or slight elsewhere.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 1/4 per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

# DAILY WEATHER REPORT APRIL 9<sup>th</sup> 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 350 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 6.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 12).		Reading at 350 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.86	15	NE	6	o	29.88	-.06	11	11	-1.6	N	4	c	*	*	*	-	
Hernösand ...	29.89	21	E	2	o	29.96	+.23	18	17	-3	ENE	2	c	*	*	*	-	
Stockholm ...	29.94	26	E	6	o	29.86	+.18	25	26	-13	E	4	o	*	*	*	-	
Wisby ...	29.85	38	SE	4	be	29.86	+.05	35	35	-5	SE	6	o	*	*	*	-	
Christiansund ...	29.81	30	N	1	be	29.91	-.21	39	39	-3	NNN	1	s	+	34	27	-	
Skudesnaes ...	29.76	38	NNN	3	o	29.80	+.09	37	33	-4	NNN	4	c	2	43	33	-	
Oxö (Ålön) ...	29.75	37	SW	2	f	29.76	+.03	34	33	-1	NN	2	f	2	43	32	-	
Skagen (The Scaw) ...	29.75	40	Z	o	o	29.78	+.03	39	38	o	Z	o	c	0	43	34	0.04	
Fanö ...	29.77	42	Z	o	o	29.73	-.01	44	43	+3	E	3	c	*	45	41	0.12	
Cuxhaven ...	29.79	?	N	2	be	29.88	-.06	46	45	o	E	4	b	*	43	43	0.14	
Sumburgh Head ...																		
Stornoway ...	29.74	44	NE	5	b	29.78	+.10	41	39	-3	ENE	5	o	3	47	38	-	
Thurso ...	29.76	42	ENE	4	c	29.84	+.14	40	38	-3	E	3	o	3	51	37	0.05	
Wick ...	29.79	41	ENE	4	o	29.84	+.12	40	38	-3	E	4	o	4	46	37	0.08	
Nairn ...	29.77	44	E	1	be	29.77	+.09	40	38	+4	E	1	c	2	47	35	-	
Aberdeen ...	29.73	44	ESE	1	o	29.77	+.09	41	39	-1	E	3	o	3	45	40	0.02	
Leith ...	29.70	42	E	2	o	29.71	+.05	41	40	o	ESE	4	o	*	48	40	0.03	
Shields ...	29.68	43	NE	1	o	29.68	+.02	42	41	o	E	5	o	4	46	40	0.03	
York ...	29.65	53	E	1	o	29.62	-.10	43	43	+1	E	3	o	*	50	41	0.01	
Scarborough ...	29.68	44	NE	1	f	29.65	-.02	42	42	-6	ENE	5	f	5	49	43	0.06	
Nottingham ...	29.62	53	S	2	o	29.57	-.11	45	45	-1	E	4	f	*	58	44	0.15	
Ardrossan ...	29.66	45	ENE	3	b	29.66	?	43	40	+1	ENE	4	o	2	57	42	-	
Greencastle ...	29.59	48	E	3	o	29.57	-.04	43	42	-1	E	4	f	*	52	42	0.25	
Donaghadee ...	29.61	46	E	5	b	29.59	-.03	43	43	-3	E	8	f	6	53	43	0.14	
Kingstown ...	29.57	49	ESE	3	c	29.52	-.05	47	46	o	SSE	3	c	2	50	45	0.65	
Holyhead ...	29.57	52	ENE	2	c	29.52	-.06	47	47	+1	ENE	3	b	2	55	44	0.31	
Liverpool (Bidston) ...	29.58	52	ESE	2	o	29.55	-.04	45	44	-1	E	3	f	2	55	45	0.07	
Valencia ...	29.40	52	SE	4	c	29.36	-.04	50	46	o	ENE	4	o	4	55	43	0.11	
Roche's Point ...	29.45	52	SE	4	o	29.43	-.02	50	48	o	SE	5	be	4	58	47	0.22	
Pembroke ...	29.53	49	SE	1	f	29.50	-.05	48	47	o	ESE	1	o	2	54	46	0.42	
Portishead ...	29.56	51	SE	1	o	29.50	-.11	47	47	-1	E	2	m	1	57	44	0.14	
Seilly ...																		
Plymouth ...	29.55	50	SSE	1	o	29.51	-.07	47	47	-4	E	1	c	*	55	45	0.11	
Hurst Castle ...	29.55	49	ENE	4	f	29.52	-.14	49	49	-1	Z	o	o	0	50	47	0.06	
Dover ...	29.63	49	ENE	3	o	29.53	-.20	49	48	-2	NNN	3	of	3	52	47	0.28	
London ...	29.61	50	SE	1	f	29.52	-.17	49	49	o	NNN	2	o	*	55	46	0.62	
Oxford ...	*	*	*	*	*	29.52	-.15	49	48	+1	Z	o	m	*	56	46	0.12	
Cambridge ...	29.63	50	SSE	1	f	29.52	-.18	48	47	+2	E	1	o	*	55	44	0.33	
Yarmouth ...	29.68	47	Z	o	be	29.64	-.18	45	45	-2	E	3	cmdp	4	49	43	0.06	
The Helder ...	*	*	*	*	*	29.58	-.16	48	48	o	E	1	o	*	*	*	0.43	
Cape Gris Nez ...	29.58	50	ENE	3	f	29.57	-.18	48	48	o	SSW	2	o	1	54	43	0.47	
Brest ...	29.58	55	SSW	1	o	29.54	-.07	50	50	o	S	3	o	3	57	46	0.16	
L'Orient ...	29.59	50	NNN	3	c	29.56	-.07	50	50	+2	SW	2	o	4	55	45	0.08	
Rochefort ...	29.56	59	N	4	be	29.49	-.11	54	54	-1	N	3	be	3	64	39	0.34	
Biarritz ...	29.55	63	NNN	3	b	29.57	-.06	50	48	-11	NNN	5	o	4	70	48	-	
Corunna ...	*	*	*	*	*	29.66	-.05	54	*	+3	SW	?	c	1	*	*	*	
Brussels ...	*	*	*	*	*	29.59	-.19	53	*	+6	SSW	3	c	*	*	*	0.98	
Charleville ...	*	*	*	*	*	29.58	-.26	57	*	+1	NNN	1	o	*	*	*	*	
Paris ...	29.58	64	S	3	o	29.64	-.12	52	*	+6	SW	3	c	*	*	*	0.28	
Lyons ...	*	*	*	*	*	29.74	-.16	55	*	-1	S	2	f	*	*	*	*	
Toulon ...	29.87	54	E	5	o	29.75	-.21	46	46	-4	E	6	f	5	55	?	0.32	

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.74	42	40	NNN	2	o	2	Valencia ...			
Thurso ...								Seilly ...			
Scarborough ...								London ...			*
Greencastle ...						*		Rocheport ...	29.59	61	59
Holyhead ...											3

## 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.

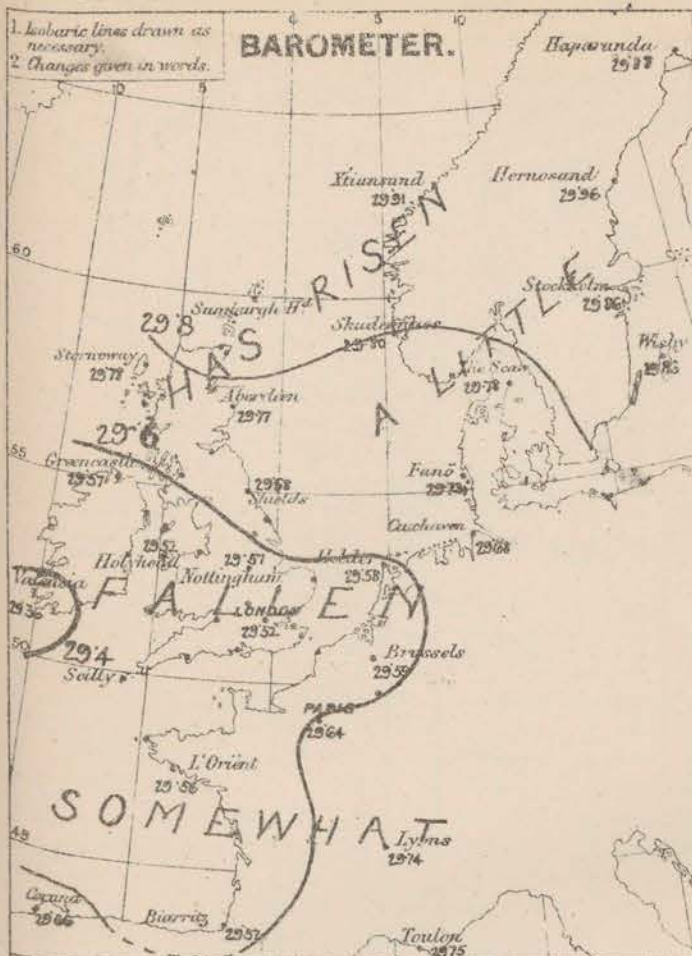
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Monday 9<sup>th</sup> APRIL 1877.

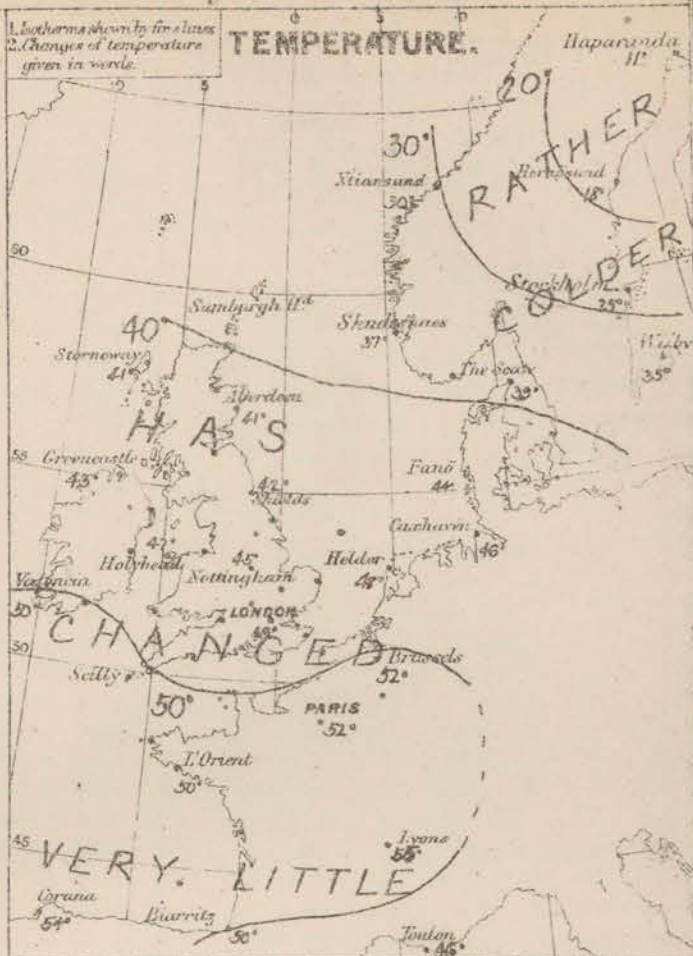
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



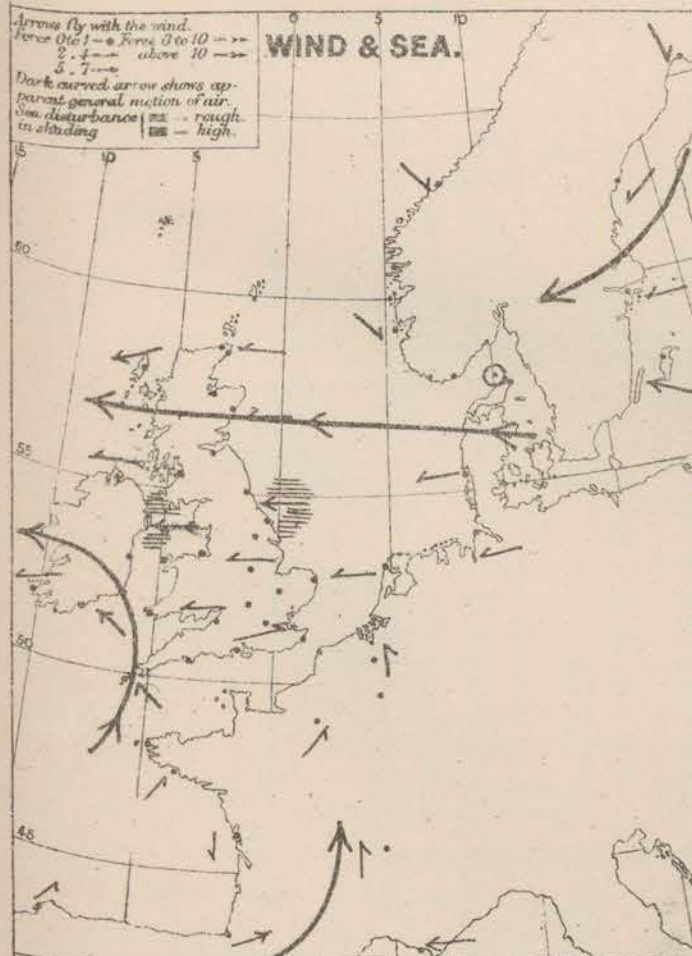
1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



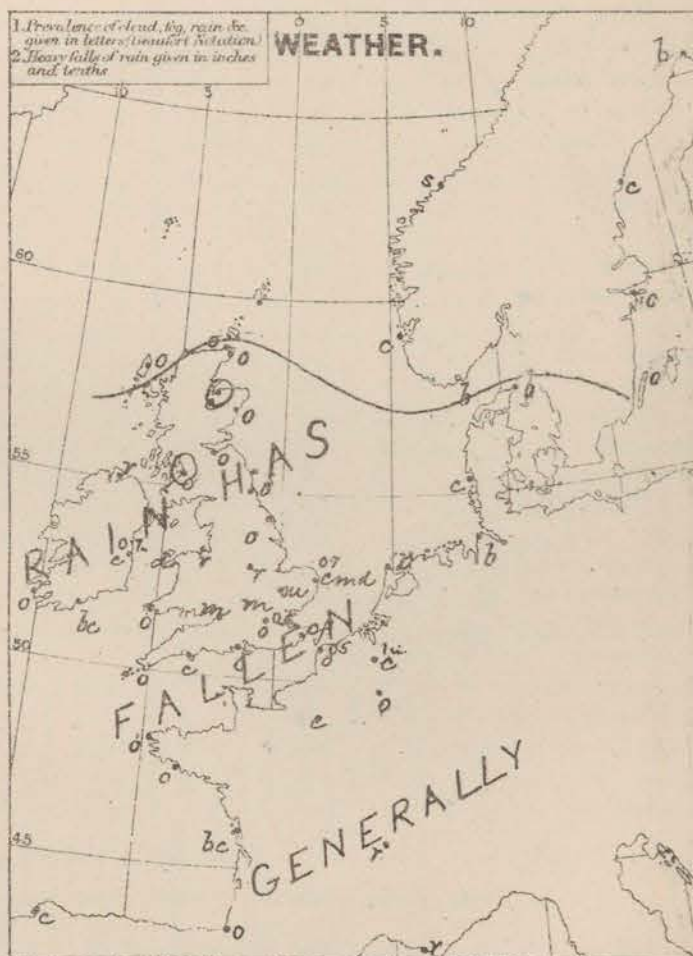
Arrows fly with the wind.  
Force 0 to 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 31 - 32 - 33 - 34 - 35 - 36 - 37 - 38 - 39 - 40 - 41 - 42 - 43 - 44 - 45 - 46 - 47 - 48 - 49 - 50 - 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 - 59 - 60 - 61 - 62 - 63 - 64 - 65 - 66 - 67 - 68 - 69 - 70 - 71 - 72 - 73 - 74 - 75 - 76 - 77 - 78 - 79 - 80 - 81 - 82 - 83 - 84 - 85 - 86 - 87 - 88 - 89 - 90 - 91 - 92 - 93 - 94 - 95 - 96 - 97 - 98 - 99 - 100 - 101 - 102 - 103 - 104 - 105 - 106 - 107 - 108 - 109 - 110 - 111 - 112 - 113 - 114 - 115 - 116 - 117 - 118 - 119 - 120 - 121 - 122 - 123 - 124 - 125 - 126 - 127 - 128 - 129 - 130 - 131 - 132 - 133 - 134 - 135 - 136 - 137 - 138 - 139 - 140 - 141 - 142 - 143 - 144 - 145 - 146 - 147 - 148 - 149 - 150 - 151 - 152 - 153 - 154 - 155 - 156 - 157 - 158 - 159 - 160 - 161 - 162 - 163 - 164 - 165 - 166 - 167 - 168 - 169 - 170 - 171 - 172 - 173 - 174 - 175 - 176 - 177 - 178 - 179 - 180 - 181 - 182 - 183 - 184 - 185 - 186 - 187 - 188 - 189 - 190 - 191 - 192 - 193 - 194 - 195 - 196 - 197 - 198 - 199 - 200 - 201 - 202 - 203 - 204 - 205 - 206 - 207 - 208 - 209 - 210 - 211 - 212 - 213 - 214 - 215 - 216 - 217 - 218 - 219 - 220 - 221 - 222 - 223 - 224 - 225 - 226 - 227 - 228 - 229 - 230 - 231 - 232 - 233 - 234 - 235 - 236 - 237 - 238 - 239 - 240 - 241 - 242 - 243 - 244 - 245 - 246 - 247 - 248 - 249 - 250 - 251 - 252 - 253 - 254 - 255 - 256 - 257 - 258 - 259 - 260 - 261 - 262 - 263 - 264 - 265 - 266 - 267 - 268 - 269 - 270 - 271 - 272 - 273 - 274 - 275 - 276 - 277 - 278 - 279 - 280 - 281 - 282 - 283 - 284 - 285 - 286 - 287 - 288 - 289 - 290 - 291 - 292 - 293 - 294 - 295 - 296 - 297 - 298 - 299 - 300 - 301 - 302 - 303 - 304 - 305 - 306 - 307 - 308 - 309 - 310 - 311 - 312 - 313 - 314 - 315 - 316 - 317 - 318 - 319 - 320 - 321 - 322 - 323 - 324 - 325 - 326 - 327 - 328 - 329 - 330 - 331 - 332 - 333 - 334 - 335 - 336 - 337 - 338 - 339 - 340 - 341 - 342 - 343 - 344 - 345 - 346 - 347 - 348 - 349 - 350 - 351 - 352 - 353 - 354 - 355 - 356 - 357 - 358 - 359 - 360 - 361 - 362 - 363 - 364 - 365 - 366 - 367 - 368 - 369 - 370 - 371 - 372 - 373 - 374 - 375 - 376 - 377 - 378 - 379 - 380 - 381 - 382 - 383 - 384 - 385 - 386 - 387 - 388 - 389 - 390 - 391 - 392 - 393 - 394 - 395 - 396 - 397 - 398 - 399 - 400 - 401 - 402 - 403 - 404 - 405 - 406 - 407 - 408 - 409 - 410 - 411 - 412 - 413 - 414 - 415 - 416 - 417 - 418 - 419 - 420 - 421 - 422 - 423 - 424 - 425 - 426 - 427 - 428 - 429 - 430 - 431 - 432 - 433 - 434 - 435 - 436 - 437 - 438 - 439 - 440 - 441 - 442 - 443 - 444 - 445 - 446 - 447 - 448 - 449 - 450 - 451 - 452 - 453 - 454 - 455 - 456 - 457 - 458 - 459 - 460 - 461 - 462 - 463 - 464 - 465 - 466 - 467 - 468 - 469 - 470 - 471 - 472 - 473 - 474 - 475 - 476 - 477 - 478 - 479 - 480 - 481 - 482 - 483 - 484 - 485 - 486 - 487 - 488 - 489 - 490 - 491 - 492 - 493 - 494 - 495 - 496 - 497 - 498 - 499 - 500 - 501 - 502 - 503 - 504 - 505 - 506 - 507 - 508 - 509 - 510 - 511 - 512 - 513 - 514 - 515 - 516 - 517 - 518 - 519 - 520 - 521 - 522 - 523 - 524 - 525 - 526 - 527 - 528 - 529 - 530 - 531 - 532 - 533 - 534 - 535 - 536 - 537 - 538 - 539 - 540 - 541 - 542 - 543 - 544 - 545 - 546 - 547 - 548 - 549 - 550 - 551 - 552 - 553 - 554 - 555 - 556 - 557 - 558 - 559 - 560 - 561 - 562 - 563 - 564 - 565 - 566 - 567 - 568 - 569 - 570 - 571 - 572 - 573 - 574 - 575 - 576 - 577 - 578 - 579 - 580 - 581 - 582 - 583 - 584 - 585 - 586 - 587 - 588 - 589 - 590 - 591 - 592 - 593 - 594 - 595 - 596 - 597 - 598 - 599 - 600 - 601 - 602 - 603 - 604 - 605 - 606 - 607 - 608 - 609 - 610 - 611 - 612 - 613 - 614 - 615 - 616 - 617 - 618 - 619 - 620 - 621 - 622 - 623 - 624 - 625 - 626 - 627 - 628 - 629 - 630 - 631 - 632 - 633 - 634 - 635 - 636 - 637 - 638 - 639 - 640 - 641 - 642 - 643 - 644 - 645 - 646 - 647 - 648 - 649 - 650 - 651 - 652 - 653 - 654 - 655 - 656 - 657 - 658 - 659 - 660 - 661 - 662 - 663 - 664 - 665 - 666 - 667 - 668 - 669 - 670 - 671 - 672 - 673 - 674 - 675 - 676 - 677 - 678 - 679 - 680 - 681 - 682 - 683 - 684 - 685 - 686 - 687 - 688 - 689 - 690 - 691 - 692 - 693 - 694 - 695 - 696 - 697 - 698 - 699 - 700 - 701 - 702 - 703 - 704 - 705 - 706 - 707 - 708 - 709 - 710 - 711 - 712 - 713 - 714 - 715 - 716 - 717 - 718 - 719 - 720 - 721 - 722 - 723 - 724 - 725 - 726 - 727 - 728 - 729 - 730 - 731 - 732 - 733 - 734 - 735 - 736 - 737 - 738 - 739 - 740 - 741 - 742 - 743 - 744 - 745 - 746 - 747 - 748 - 749 - 750 - 751 - 752 - 753 - 754 - 755 - 756 - 757 - 758 - 759 - 760 - 761 - 762 - 763 - 764 - 765 - 766 - 767 - 768 - 769 - 770 - 771 - 772 - 773 - 774 - 775 - 776 - 777 - 778 - 779 - 780 - 781 - 782 - 783 - 784 - 785 - 786 - 787 - 788 - 789 - 790 - 791 - 792 - 793 - 794 - 795 - 796 - 797 - 798 - 799 - 800 - 801 - 802 - 803 - 804 - 805 - 806 - 807 - 808 - 809 - 810 - 811 - 812 - 813 - 814 - 815 - 816 - 817 - 818 - 819 - 820 - 821 - 822 - 823 - 824 - 825 - 826 - 827 - 828 - 829 - 830 - 831 - 832 - 833 - 834 - 835 - 836 - 837 - 838 - 839 - 840 - 841 - 842 - 843 - 844 - 845 - 846 - 847 - 848 - 849 - 850 - 851 - 852 - 853 - 854 - 855 - 856 - 857 - 858 - 859 - 860 - 861 - 862 - 863 - 864 - 865 - 866 - 867 - 868 - 869 - 870 - 871 - 872 - 873 - 874 - 875 - 876 - 877 - 878 - 879 - 880 - 881 - 882 - 883 - 884 - 885 - 886 - 887 - 888 - 889 - 890 - 891 - 892 - 893 - 894 - 895 - 896 - 897 - 898 - 899 - 900 - 901 - 902 - 903 - 904 - 905 - 906 - 907 - 908 - 909 - 910 - 911 - 912 - 913 - 914 - 915 - 916 - 917 - 918 - 919 - 920 - 921 - 922 - 923 - 924 - 925 - 926 - 927 - 928 - 929 - 930 - 931 - 932 - 933 - 934 - 935 - 936 - 937 - 938 - 939 - 940 - 941 - 942 - 943 - 944 - 945 - 946 - 947 - 948 - 949 - 950 - 951 - 952 - 953 - 954 - 955 - 956 - 957 - 958 - 959 - 960 - 961 - 962 - 963 - 964 - 965 - 966 - 967 - 968 - 969 - 970 - 971 - 972 - 973 - 974 - 975 - 976 - 977 - 978 - 979 - 980 - 981 - 982 - 983 - 984 - 985 - 986 - 987 - 988 - 989 - 990 - 991 - 992 - 993 - 994 - 995 - 996 - 997 - 998 - 999 - 1000

## WIND & SEA.



1. Prevalence of cloud, fog, rain, &c. given in letters (see note on p. 1).  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** During the past two days the barometer has risen steadily at all the more northern stations, while it has fallen over France and the south of the British Isles. The area of lowest pressure has remained stationary over the south west of Ireland but a small subsidiary disturbance which had appeared over the Bay of Biscay yesterday morning has since travelled NE<sup>W</sup> and now has its centre over the mouth of the Thames, while a second is apparently ~~now~~ appearing in the west of France. In consequence of these changes pressure has become rather higher over the north of Scandinavia than elsewhere, and is uniformly low in the south, so that E<sup>W</sup> breezes are now general. In most places they are moderate to fresh in force but at Donaghadee a slight local gale is reported. Temperature has fallen slightly. The sky is overcast, with rain over England and the north of Ireland. Last evening the rainfall was heavy in the south east. The sea is moderate to slight.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT,  
Director.

## DAILY WEATHER REPORT

APRIL 10<sup>TH</sup> 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRICAL.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			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.		
Haparanda ...	29.99	17	N	2	o	30.10	+ 22	15	14	+ 4	Z	0	o	*	*	*	-	
Hernösand ...	30.05	18	SSW	2	o	30.17	+ 21	18	18	o	Z	0	f	*	*	*	0.04	
Stockholm ...	29.97	22	N	4	s	30.09	+ 23	22	20	- 3	NNE	4	c	*	*	*	0.08	
Wisby ...	29.91	34	SE	4	f	30.01	+ 15	31	30	- 4	E	6	o	*	*	*	-	
Christiansund ...	30.06	29	ENE	3	f	30.05	+ 14	28	26	- 2	E	2	f	3	32	?	-	
Skudesnaes ...	29.84	35	NNE	2	b	29.88	+ 08	39	36	+ 2	NE	4	o	3	43	?	-	
Oxö (Klansand) ...	29.87	36	ENE	4	c	29.93	+ 17	31	27	- 3	NE	6	c	4	37	?	-	
Skagen (The Scaw) ...	29.84	41	NE	3	bc	29.90	+ 15	32	31	- 7	ENE	5	o	4	46	28	-	
Fanö ...	29.71	45	ENE	4	o	29.63	- 10	43	42	- 1	E	6	c	*	48	41	0.04	
Cuxhaven ...	29.62	59	SW	2	bc	29.63	- 05	46	45	o	E	3	f	*	*	43	0.42	
Sumburgh Head ...																		
Stornoway ...	29.83	41	E	6	c	29.80	+ 02	39	35	- 2	ENE	6	ow	2	45	35	-	
Thurso ...	29.91	39	E	3	o	29.84	- 00	38	35	- 2	ENE	5	o	4	44	37	-	
Wick ...	29.92	39	E	4	o	29.81	- 03	38	35	- 2	E	4	o	3	43	36	-	
Nairn ...	29.85	39	ENE	1	o	29.79	+ 02	34	33	- 6	ENE	2	f	2	44	33	0.08	
Aberdeen ...	29.84	40	ENE	6	o	29.71	- 06	36	35	- 5	NE	6	s	6	44	34	0.32	
Leith ...	29.75	39	SE	6	f	29.64	- 07	35	35	- 6	ENE	5	f	*	43	34	0.78	
Shields ...	29.69	42	E	6	f	29.54	- 14	42	42	o	NE	1	ff	6	43	40	1.31	
York ...	29.63	45	ENE	1	o	29.53	- 09	44	44	+ 1	NNE	1	f	*	46	42	0.49	
Scarborough ...	29.67	43	ENE	4	m	29.52	- 13	43	42	+ 1	Z	0	ff	3	44	42	0.49	
Nottingham ...	29.59	46	N	1	f	29.53	- 04	45	45	o	N	1	f	*	48	43	0.56	
Ardrossan ...	29.67	41	ENE	4	f	29.63	- 03	47	36	- 6	ENE	4	o	3	46	35	0.49	
Greencastle ...	29.60	43	E	3	b	29.58	+ 01	40	38	- 3	E	3	o	*	44	38	0.28	
Donaghadee ...	29.59	43	E	8	o	29.58	+ 01	40	40	- 3	E	6	o	6	45	39	0.20	
Kingstown ...	29.54	50	SE	1	o	29.54	+ 02	47	46	o	E	3	ff	4	52	44	-	
Holyhead ...	29.53	50	ENE	2	m	29.52	- 00	46	46	- 1	ENE	3	m	2	53	45	0.02	
Liverpool (Bidston) ...	29.56	47	E	3	f	29.53	- 02	45	44	o	Z	0	f	1	49	44	0.04	
Valencia ...	29.37	57	E	4	o	29.43	+ 07	57	47	+ 1	NNE	3	bc	3	55	44	0.38	
Roche's Point ...	29.40	57	ESE	5	c	29.43	- 00	58	48	o	ESE	5	c	4	57	48	0.09	
Pembroke ...	29.57	50	SE	1	c	29.49	- 07	48	47	o	ESE	2	c	3	52	46	-	
Portishead ...	29.53	57	E	1	f	29.53	+ 03	47	47	o	Z	0	m	1	54	42	0.03	
Seilly ...																		
Plymouth ...	29.54	57	SE	1	o	29.52	+ 01	49	48	+ 2	E	1	o	*	55	43	-	
Hurst Castle ...	29.56	50	W	2	o	29.54	+ 02	47	47	- 2	Z	0	om	0	53	45	0.06	
Dover ...	29.56	50	ENE	2	b	29.46	- 07	50	49	+ 1	W	1	c	0	53	47	0.04	
London ...	29.55	55	Z	0	og	29.50	- 02	50	49	+ 1	NW	2	o	*	56	48	0.90	
Oxford ...	*	*	*	*	*	29.51	- 01	49	48	o	Z	0	m	*	57	47	0.26	
Cambridge ...	29.56	54	NE	1	o	29.50	- 02	47	47	- 1	NW	1	f	*	56	46	0.28	
Yarmouth ...	29.56	49	S	1	bc	29.49	- 05	47	46	+ 2	E	1	bm	3	53	43	-	
The Helder ...	*	*	*	*	*	29.57	- 01	57	57	+ 3	Z	0	f	*	*	*	-	
Cape Gris Nez ...	29.56	54	ENE	1	o	29.49	- 08	48	48	o	SSW	2	f	1	55	46	0.08	
Brest ...	29.59	52	SSW	3	c	29.59	+ 05	52	48	+ 2	SW	3	o	3	54	48	-	
L'Orient ...	29.59	52	SW	3	o	29.62	+ 06	52	50	+ 2	WSW	3	o	4	55	45	-	
Rochefort ...	29.61	55	NW	3	o	29.63	+ 14	54	52	o	WNW	4	c	3	57	32	-	
Biarritz ...	29.69	57	WSW	1	o	29.75	+ 18	52	46	+ 2	W	5	f	3	?	45	0.28	
Corunna ...	*	*	*	*	*	?	?	52	*	- 2	SW	3	cp	5	*	*	*	
Brussels ...	*	*	*	*	*	29.57	- 08	55	*	+ 3	S	1	o	*	*	*	0.08	
Charleville ...	*	*	*	*	*	29.49	- 09	54	*	+ 3	SE	3	o	*	*	*	*	
Paris ...	29.53	62	ESE	3	bc	29.52	- 12	57	*	- 1	WNW	2	f	*	*	*	0.12	
Lyons ...	*	*	*	*	*	29.57	- 17	53	*	- 2	NW	4	f	*	*	*	*	
Toulon ...	29.60	54	E	7	o	29.45	- 30	52	50	+ 6	E	6	o	7	55	46	0.08	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.79	43	36	NE	4	b	2	Valencia .....	29.37	57	48	ESE	5	p	4
Thurso .....	29.89	41	38	E	3	c	3	Seilly .....							
Scarborough ...	29.65	43	43	ENE	4	o	4	London .....	29.55	55	52	S	2	o	*
Greencastle ...	29.59	44	43	E	4	o	*	Rochefort ...	29.57	52	50	NW	4	o	3
Holyhead .....	29.53	57	57	ENE	4	m	3								

A slight general rise of the barometer has occurred since the morning, but no other important change is reported.

## EXPLANATION OF COLUMNS.

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

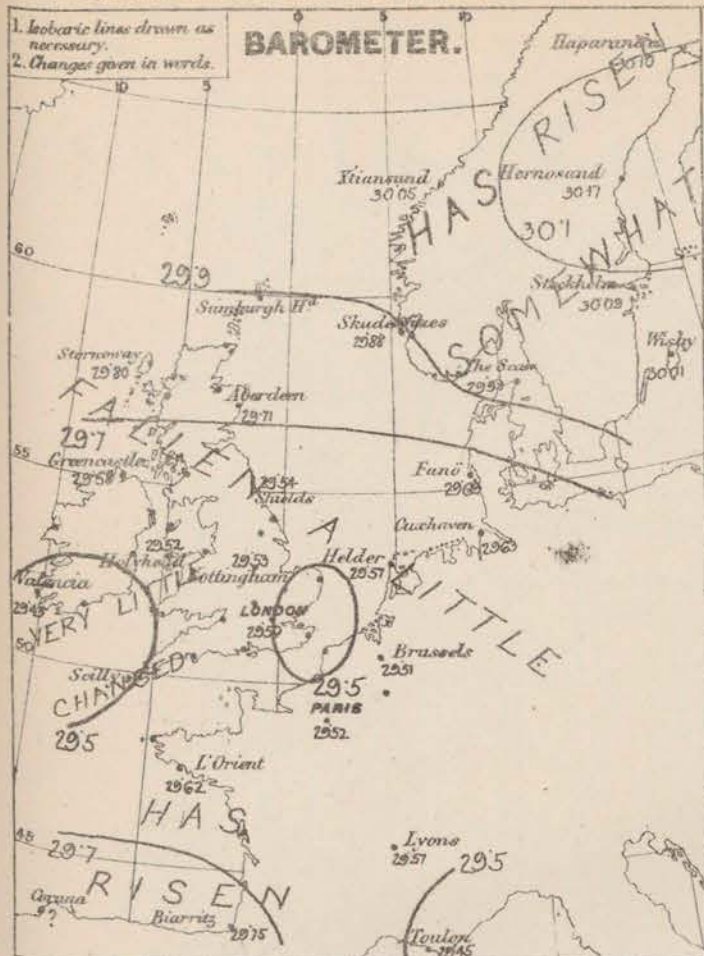
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Tuesday 10<sup>th</sup> APRIL 1877.

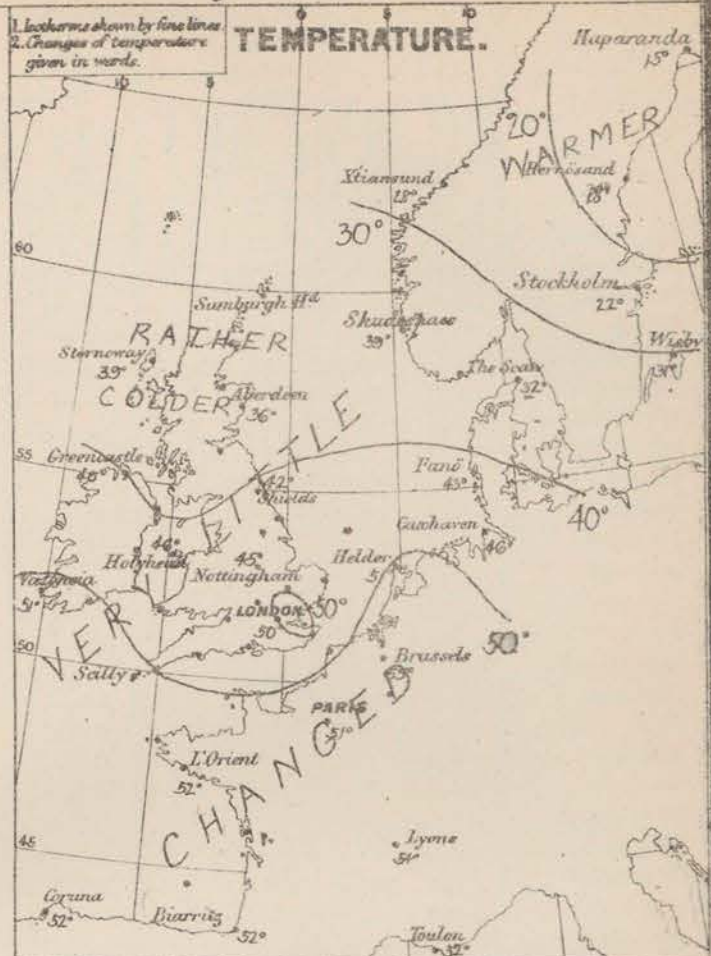
1. Isobaric lines drawn as necessary.
2. Changes given in words.

## BAROMETER.



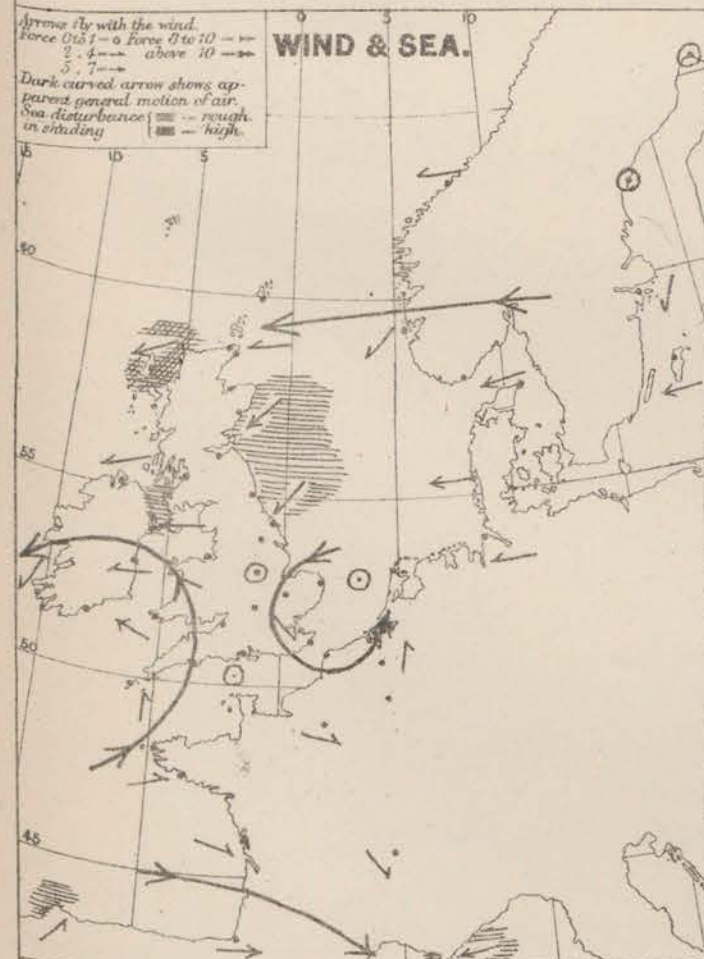
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

## TEMPERATURE.



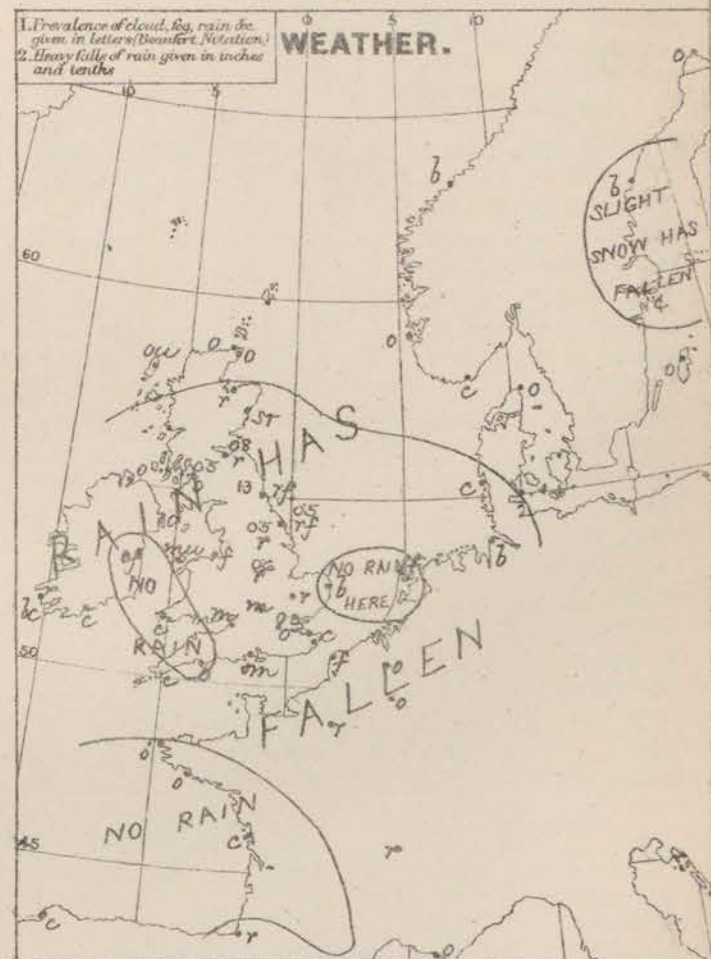
1. Force 0 to 10.
  2. Force 10 to 20.
  3. Force 20 to 30.
  4. Force 30 to 40.
  5. Force 40 to 50.
  6. Force 50 to 60.
  7. Force 60 to 70.
  8. Force 70 to 80.
  9. Force 80 to 90.
  10. Force 90 to 100.
- Dark curved arrow shows apparent general motion of air. Sea disturbance: rough in shading, high in outline.

## WIND & SEA.



1. Prevalence of cloud, fog, rain, etc. given in letters (B, C, F, etc.).
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** During the past twenty four hours the barometer has risen somewhat over Sweden, the west of France and our south western stations, while it has fallen a little or remained almost stationary in the intermediate region. The second small depression which was advancing over Rochefort yesterday morning has travelled, like its immediate predecessor, NE<sup>ly</sup>, and its centre this morning lies over the south east of England, while two separate areas of low readings are shown, - one over the Gulf of Lyons, the other over the south of Ireland and the St. George's Channel. Gradients have become rather more steep in the north than they were, and fresh or strong E<sup>ly</sup> breezes now prevail over the north sea and the more northern parts of the kingdom. At our other stations the wind is very light and variable, while in France a moderate W<sup>ly</sup> breeze is blowing. Temperature has fallen in England but has changed little and irregularly elsewhere. The sky is overcast generally, with rain at many of our eastern stations, and sleet at Aberdeen. In London and on our north east coasts exceedingly heavy rain fell last night. The sea is high in the Minch, rough in the north east and north west, moderate to smooth elsewhere.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 1/4 per quarter, book post 5/- per quarter.

Meteorological Office.  
116, Victoria Street, Westminster, S. W.

R. H. SCOTT.  
Director.

Langerfeldt 11th 22 Bedford St. Covent Garden

# DAILY WEATHER REPORT APRIL 11<sup>TH</sup> 1877.

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.	
			Dirco.	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.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.21	6	Z	0	b	30.31	+ .21	1	1	- 14	SE	2	c	*	*	*	-	
Hernösand ...	30.33	5	Z	0	b	30.28	+ .11	6	6	- 12	NNE	2	o	*	*	*	-	
Stockholm ...	30.14	21	ENE	6	o	29.99	- .10	23	21	+ 1	ENE	8	o	*	*	*	-	
Wisby ...	30.04	30	E	8	bc	29.86	- .15	30	30	- 1	ESE	8	o	*	*	*	0.08	
Christiansund ...	29.91	29	ENE	3	bc	29.75	- .30	32	27	+ 4	SE	4	o	2	36	27	-	
Skudesnaes ...	29.75	32	ENE	8	s	29.66	- .22	30	30	- 9	ENE	6	s	4	32	?	-	
Oxö (Ktiansand) ...	29.85	31	NE	8	s	29.69	- .24	27	26	- 4	NE	8	s	5	3	?	-	
Skagen (The Scaw) ...	29.86	31	E	6	s	29.69	- .24	30	29	- 2	E	4	o	4	36	27	0.08	
Fanö ...	29.61	31	ESE	6	f	29.53	- .10	40	40	- 3	SE	4	o	*	46	39	0.04	
Cuxhaven ...	29.56	?	E	2	b	29.49	- .14	44	44	- 2	NE	2	f	*	*	43	-	
Sumburgh Head ...																		
Stornoway ...	29.74	36	ENE	7	f	29.85	+ .05	38	36	- 1	NE	5	c	6	39	34	0.25	
Thurso ...	29.74	36	ENE	6	f	29.79	- .05	37	35	- 1	NNE	6	c	5	40	34	0.67	
Wick ...	?	35	ENE	5	s	29.80	- .01	35	34	- 3	NE	4	s	7	39	33	0.60	
Nairn ...	29.66	36	ENE	4	f	29.77	- .02	37	36	+ 3	ENE	7	o	5	37	33	0.79	
Aberdeen ...	29.57	37	NNE	6	f	29.67	- .04	38	36	+ 2	N	5	c	7	40	35	0.96	
Leith ...	29.56	39	NE	3	o	29.70	+ .06	40	38	+ 5	NE	3	o	*	41	33	0.08	
Shields ...	29.52	45	N	1	o	29.67	+ .13	39	37	- 3	N	3	om	1	47	37	0.07	
York ...	29.52	52	N	1	b	29.67	+ .14	42	40	- 2	N	2	o	*	52	37	0.13	
Scarborough ...	29.52	44	N	2	c	29.67	+ .15	39	38	- 4	NNW	2	o	3	44	37	0.44	
Nottingham ...	29.54	54	SW	1	c	29.68	+ .15	42	42	- 3	N	2	ofw	*	57	41	0.01	
Ardrossan ...	29.58	44	ENE	2	c	29.72	+ .09	42	38	+ 5	NE	2	f	1	48	35	-	
Greencastle ...	29.59	43	NE	2	o	29.70	+ .12	43	40	+ 3	NNE	4	o	*	47	37	-	
Donaghadee ...	29.59	43	NNE	5	c	29.71	+ .13	40	37	0	NNE	5	c	4	46	35	-	
Kingstown ...	29.58	47	ENE	1	b	29.72	+ .18	43	40	- 4	NNW	3	c	3	48	42	-	
Holyhead ...	29.55	46	NNE	2	b	29.70	+ .18	44	44	- 2	NNE	2	om	1	50	43	-	
Liverpool (Bidston) ...	29.55	49	NNW	1	b	29.68	+ .15	45	40	0	NN	2	f	2	52	41	-	
Valencia ...	29.54	55	NNW	2	bc	29.73	+ .30	49	47	- 2	Z	0	bc	2	57	43	-	
Roche's Point... ..	29.52	57	E	4	o	29.74	+ .31	58	49	0	NE	2	fc	3	55	49	0.28	
Pembroke ...	29.57	57	SSE	1	c	29.69	+ .20	47	45	- 1	N	3	bm	2	55	43	0.18	
Portishead ...	29.54	52	S	3	c	29.64	+ .11	49	47	+ 1	N	4	c	3	53	44	0.15	
Scilly ...																		
Plymouth ...	29.55	53	SE	4	o	29.67	+ .15	52	51	+ 3	NN	4	bc	*	59	48	0.07	
Hurst Castle ...	29.59	57	SE	3	bc	29.62	+ .08	50	50	+ 3	WSW	3	cp	2	52	45	0.02	
Dover ...	29.58	58	W	2	c	29.66	+ .20	48	47	- 2	SW	2	cp	1	54	44	0.05	
London ...	29.56	56	SW	1	c	29.63	+ .13	51	49	+ 1	SSW	2	c	*	58	43	-	
Oxford ...	*	*	*	*	*	29.62	+ .11	49	47	0	Z	0	o	*	60	43	-	
Cambridge ...	29.52	52	N	1	o	29.65	+ .15	48	47	+ 1	SW	1	o	*	55	40	0.11	
Yarmouth ...	29.54	49	NN	2	bc	29.63	+ .14	44	44	- 3	NN	2	f	3	53	42	0.08	
The Helder... ..	*	*	*	*	*	29.59	+ .02	46	45	- 5	NNW	1	c	*	*	*	-	
Cape Gris Nez ...	29.61	48	W	2	c	29.69	+ .20	48	48	0	SW	2	o	2	52	46	0.04	
Brest ...	29.70	59	W	4	c	29.82	+ .23	50	48	- 2	NNW	4	o	4	?	46	0.04	
L'Orient ...	29.74	52	W	4	c	29.86	+ .24	52	50	0	W	4	bc	4	57	46	-	
Rochefort ...	29.76	59	NNW	5	o	29.86	+ .23	55	52	+ 1	NNW	4	f	3	59	41	-	
Biarritz ...	29.89	59	W	5	bc	29.99	+ .24	52	46	0	SW	4	b	4	59	46	0.04	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.65	+ .14	48	*	- 7	WSW	?	o	*	*	*	-	
Charleville ...	*	*	*	*	*	29.65	+ .16	53	*	- 1	W	3	o	*	*	*	*	
Paris ...	29.65	55	NN	1	b	29.76	+ .24	49	*	- 2	W	2	f	*	*	*	0.04	
Lyons ...	*	*	*	*	*	29.67	+ .10	57	*	- 2	W	2	c	*	*	*	*	
Toulon ...	29.54	50	NN	3	o	29.67	+ .22	48	?	- 4	NN	7	c	7	52	48	0.55	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.80	40	35	ENE	6	o	3	Valencia .....	29.41	55	58	W	2	bc	3
Thurso .....	29.76	38	37	ENE	5	f	4	Scilly .....							
Scarborough ...	29.52	43	43	N	1	f	3	London .....	29.54	56	52	W	1	c	*
Greencastle ...	29.58	45	42	ESE	3	o	*	Rochefort ...	29.68	59	54	NNW	5	bc	3
Holyhead .....	29.54	48	47	NNE	3	b	2								

The barometer is falling somewhat in the N. and N. but rising elsewhere. The small depression appears to have moved N.E. and the weather has cleared in the N. and S.

## EXPLANATION OF COLUMNS.

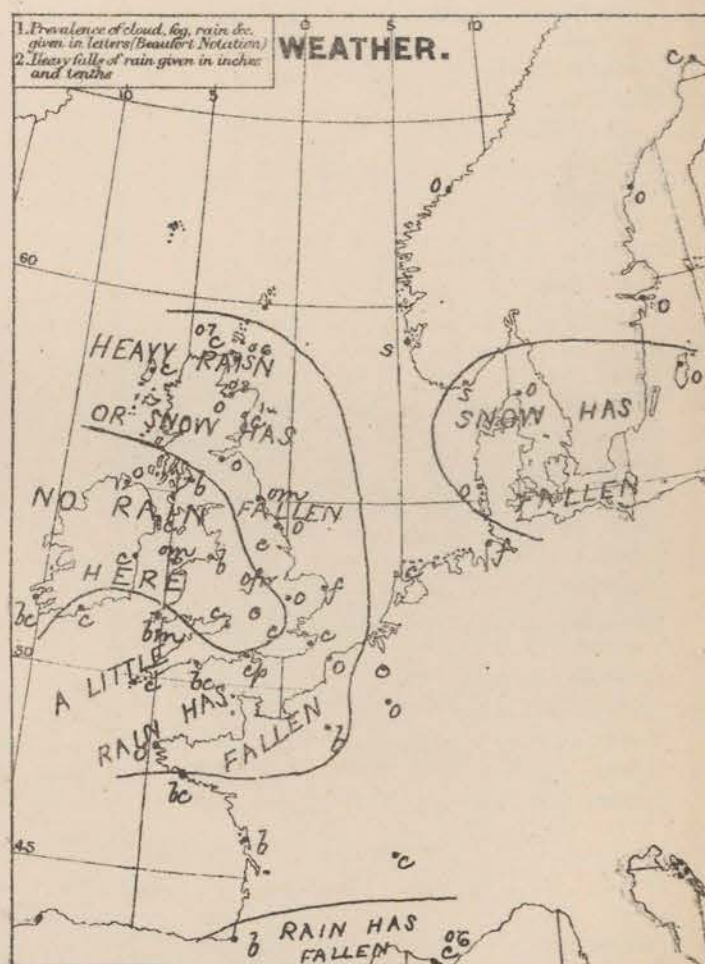
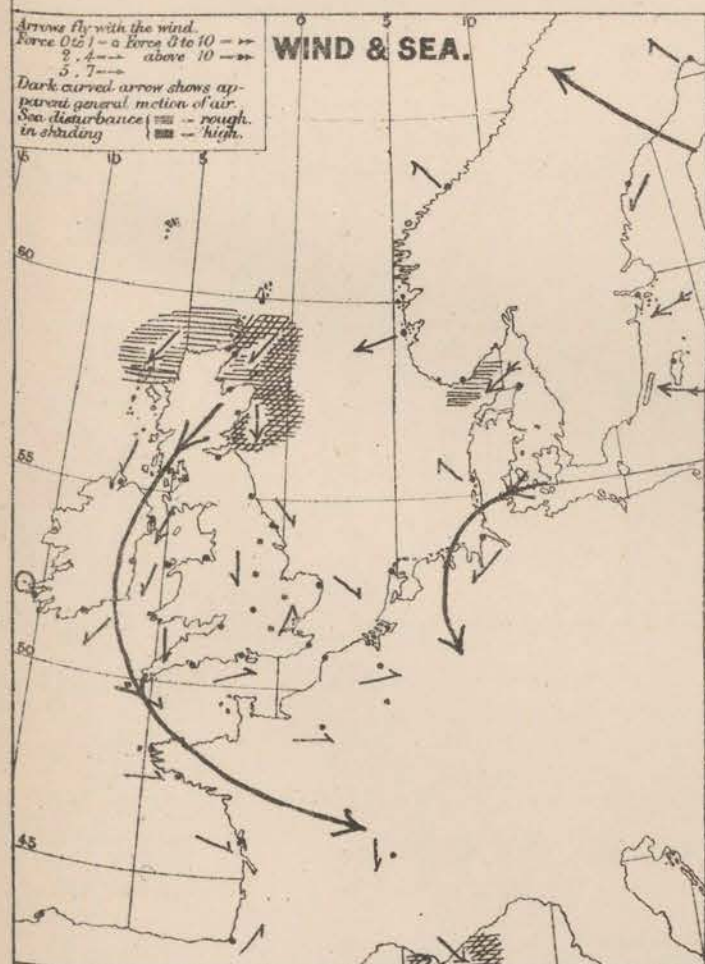
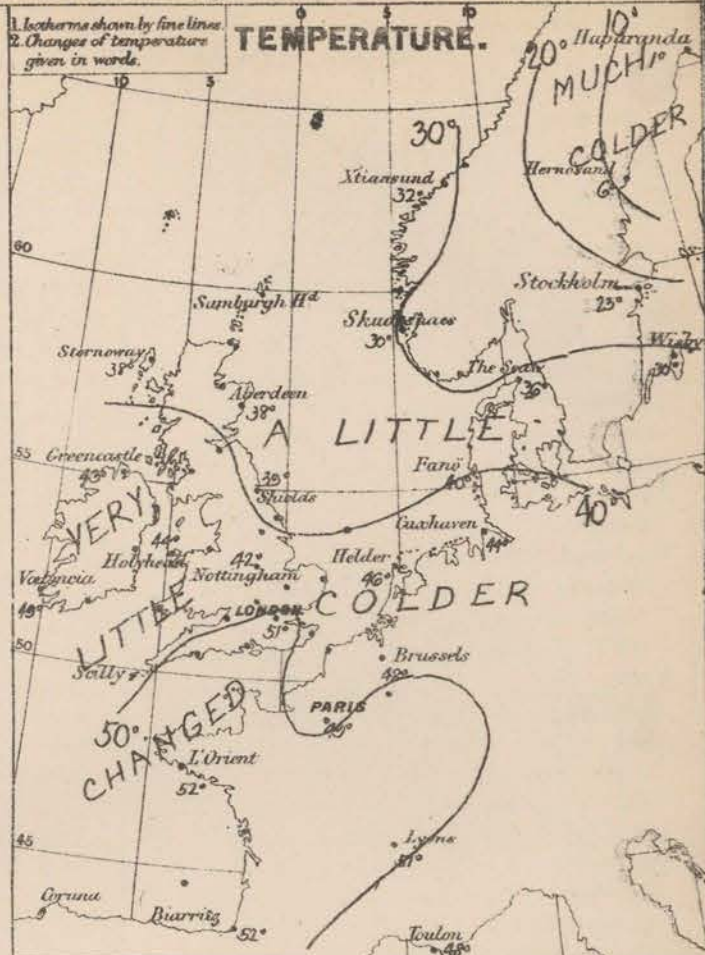
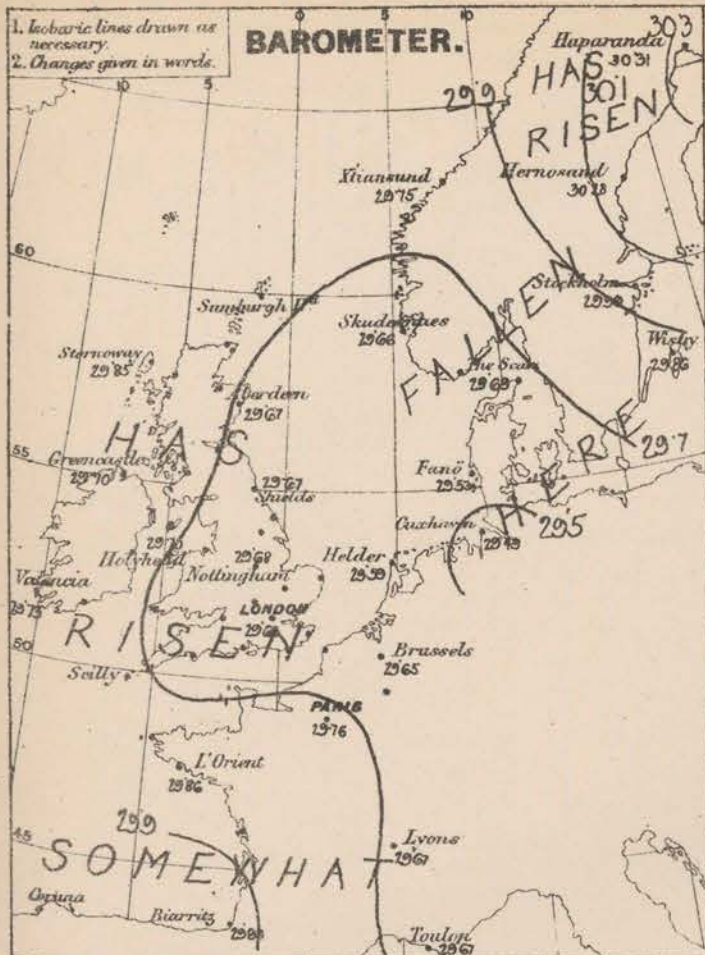
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Wednesday 11<sup>TH</sup> APRIL 1877.



**REMARKS.** During the past 24 hours the barometer has risen in all parts of these Islands and France as well as over the Gulf of Bothnia, while in Denmark and the south of Scandinavia it has fallen. The shallow depression reported from the south west of Ireland yesterday morning advanced slightly E<sup>w</sup> during the day but is now almost entirely filled up, the lowest readings being reported this morning from North Germany. Gradients are slight except over Norway and Sweden, and the wind on our coasts and in France is generally moderate in force but in the Baltic and the Skagerrack a fresh gale is reported. In France the wind continues W, and in the countries to the E<sup>w</sup> of the North Sea E<sup>w</sup> in direction but in these Islands it has shifted to the N<sup>w</sup> in most places. Temperature has not changed much except in the Gulf of Bothnia, where it has fallen several degrees and is almost at zero Fahr. Heavy snow and rain have fallen in Scotland and at Trich and in the south of Norway snow still continues. The sky is very cloudy except in France. The sea is high in the north east, owing to the gale in the Skagerrack, moderate to smooth elsewhere.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT,  
Director.

# DAILY WEATHER REPORT APRIL 12<sup>TH</sup> 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 33° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 33° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.21	10	Z	0	0	29.91	- .40	15	15	+ .14	E	6	6	*	*	*	-	
Hernösand ...	29.91	19	ENE	4	5	29.50	- .78	16	16	+ .10	NE	6	5	*	*	*	0.55	
Stockholm ...	29.59	30	E	6	0	29.33	- .66	30	30	+ .7	NN	4	0	*	*	*	0.12	
Wisby ...	29.50	41	SE	4	6	29.44	- .42	23	32	+ .3	NN	8	7	*	*	*	0.04	
Christiansund ...	29.62	30	N	4	5	29.95	+ .20	27	28	- .5	NNN	4	5	3	32	25	-	
Skudesnaes ...	29.68	32	NNN	2	5	29.76	+ .10	35	32	+ .5	NNN	4	0	4	?	30	-	
Oxö (Xtiansand) ...	29.66	26	N	4	0	29.71	+ .02	34	23	- .3	NNN	2	6	1	?	16	-	
Skagen (The Seaw) ...	29.57	29	NE	5	0	29.69	00	29	28	- .1	NNN	4	6	3	32	25	-	
Fanö ...	29.60	36	N	4	0	29.82	+ .29	39	35	- .1	N	6	6	*	41	32	0.12	
Cuxhaven ...	29.58	49	NE	4	0	29.88	+ .39	39	38	- .5	N	5	7	*	*	36	0.03	
Sumburgh Head																		
Stornoway	30.00	38	ENE	5	0	30.07	+ .22	36	32	- .2	NE	3	6	5	44	26	0.02	
Thurso ...	29.96	38	NNE	4	6	30.02	+ .23	36	35	- .1	NNN	4	sp	4	44	34	0.06	
Wick ...	29.97	37	N	4	6	30.03	+ .23	34	31	- .1	NN	2	os	3	43	27	0.04	
Nairn ...	29.96	39	ENE	2	0	30.06	+ .29	34	32	- .3	Z	0	6	2	43	30	0.02	
Aberdeen ...	29.89	38	N	5	6	30.02	+ .35	36	32	- .2	NN	3	6	4	41	30	0.01	
Leith ...	29.90	40	ENE	3	0	30.07	+ .37	37	34	- .3	NN	1	6	*	49	30	0.02	
Shields ...	29.85	40	NNE	5	6	30.06	+ .39	38	35	- .1	NE	2	0	4	45	34	-	
York ...	29.83	43	NNE	3	6	30.07	+ .40	39	36	- .3	ENE	1	6	*	?	31	-	
Scarborough ...	29.82	40	N	4	m	30.06	+ .39	40	37	+ .1	ENE	2	0	3	44	38	0.01	
Nottingham ...	29.85	45	N	3	0	30.10	+ .42	41	37	- .1	NNE	3	6	*	34	34	-	
Ardrossan ...	29.90	43	NE	3	7	30.07	+ .35	37	34	- .5	ENE	2	m	1	45	32	-	
Greencastle ...	29.85	46	ENE	2	6	30.00	+ .30	39	36	- .4	ESE	2	0	*	49	35	-	
Donaghadee ...	29.91	45	SE	3	6	30.04	+ .33	40	38	0	SE	6	0	5	49	38	-	
Kingstown ...	29.86	47	SE	1	0	29.97	+ .25	44	43	+ .1	ESE	4	7	3	48	42	0.01	
Holyhead ...	29.85	46	NE	2	6	29.92	+ .22	42	42	- .2	E	3	m	2	49	40	-	
Liverpool (Bidston) ...	29.83	45	NN	2	6	30.03	+ .25	40	36	- .5	ESE	3	0	2	48	38	-	
Valencia ...	29.82	57	NNN	1	0	29.88	+ .15	50	47	+ .1	SE	2	0	3	56	44	-	
Roche's Point...	29.80	57	N	3	0	29.90	+ .46	51	49	+ .1	SSE	3	6	3	56	46	0.45	
Pembroke ...	29.83	49	NN	1	6	29.92	+ .23	46	46	- .1	SE	5	omv	3	50	43	-	
Portishead ...	29.77	52	NNN	3	0	30.00	+ .36	41	38	- .7	ENE	5	0	4	58	39	0.05	
Scilly ...																		
Plymouth ...	29.83	53	NN	3	6	29.94	+ .27	48	47	- .4	E	4	0	*	61	40	-	
Hurst Castle ...	29.76	56	N	3	0	30.00	+ .35	49	49	- .1	E	4	0	3	57	41	0.01	
Dover ...	29.75	49	NNE	4	0	30.02	+ .36	43	40	- .5	NE	3	0	7	54	40	0.02	
London ...	29.77	57	NNE	2	6	30.04	+ .41	43	40	- .8	E	3	6	*	55	38	0.13	
Oxford ...	*	*	*	*	*	30.05	+ .43	40	38	- .9	ENE	1	0	*	57	37	0.03	
Cambridge ...	29.78	43	NNE	1	0	30.06	+ .41	41	40	- .7	NE	1	6	*	52	32	-	
Yarmouth ...	29.78	42	NNN	3	0	30.03	+ .40	41	38	- .3	NE	3	6	3	46	37	0.01	
The Helder ...	*	*	*	*	*	29.97	+ .38	41	39	- .5	N	1	0	*	*	*	-	
Cape Gris Nez	29.74	48	NNN	3	0	30.01	+ .32	43	41	- .5	NE	3	6	2	54	41	-	
Brest ...	29.93	?	NNN	1	6	29.94	+ .12	45	43	- .5	E	2	0	2	55	41	-	
L'Orient ...	29.91	52	N	3	6	29.95	+ .09	48	46	- .4	ESE	3	0	4	57	43	-	
Rochefort ...	29.91	59	NNN	4	6	29.91	+ .05	50	48	- .5	ESE	4	6	3	61	41	-	
Biarritz ...	29.93	59	NNE	3	6	29.81	- .18	58	46	- .2	ESE	3	6	3	?	43	-	
Corunna ...	*	*	*	*	*									*	*	*	*	
Brussels ...	*	*	*	*	*	29.97	+ .32	43	*	- .5	NN	3	0	*	*	*	0.26	
Charleville ...	*	*	*	*	*	29.91	+ .26	42	*	- .4	NNN	3	0	*	*	*	*	
Paris ...	29.79	55	N	3	6	29.99	+ .23	45	*	- .4	NE	2	6	*	*	*	0.04	
Lyons ...	*	*	*	*	*	29.99	+ .32	55	*	+ .4	N	7	6	*	*	*	*	
Toulon ...	29.78	50	NN	6	6	29.87	+ .20	50	45	+ .2	NNN	4	6	5	59	46	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.66	34	31	ENE	2	0	4	Valencia .....	29.80	56	50	SW	3	bc	3
Thurso .....	29.90	40	35	NNE	4	0	4	Scilly .....							
Scarborough ...	29.74	43	40	N	4	0	4	London .....	29.67	55	50	Z	0	coml.	*
Greencastle ...	29.80	45	44	ENE	1	0	*	Rochefort ...	29.92	61	55	N	4	bc	0
Holyhead .....	29.79	47	46	NNW	2	6	1								

The barometer continues to rise slowly everywhere but a S.W. wind has sprung up at Valencia. The darkness of the morning resulted in a thunderstorm this afternoon in London.

## EXPLANATION OF COLUMNS.

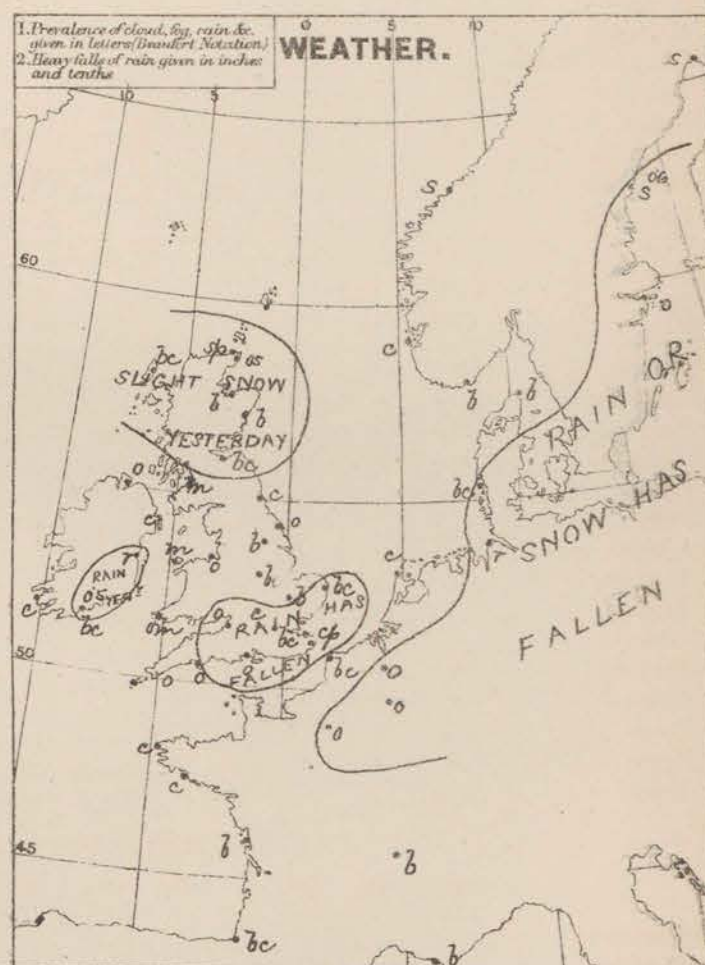
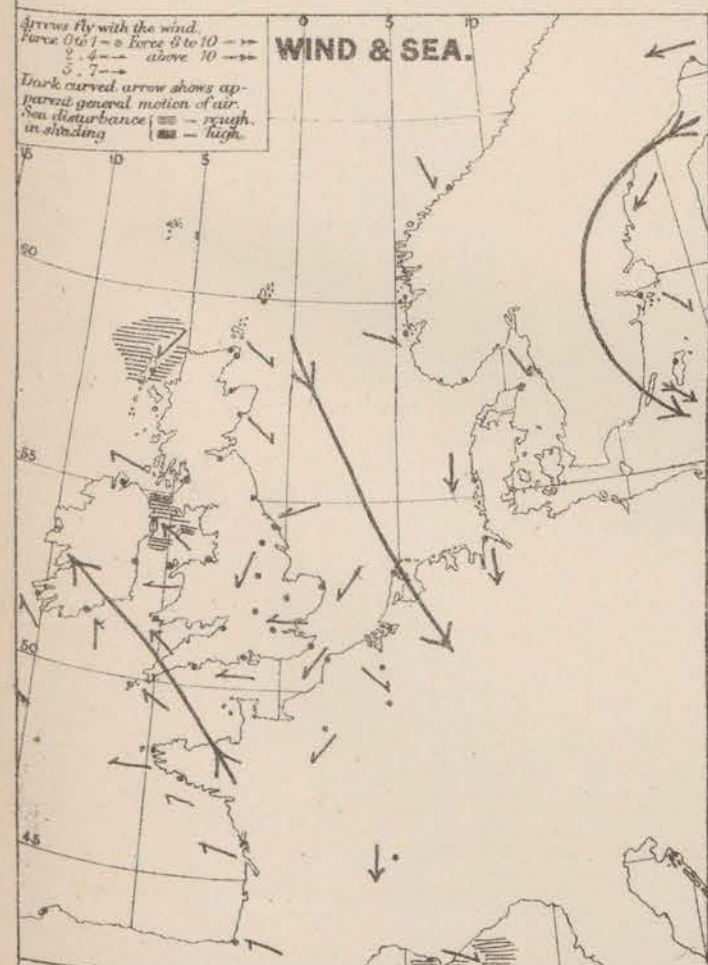
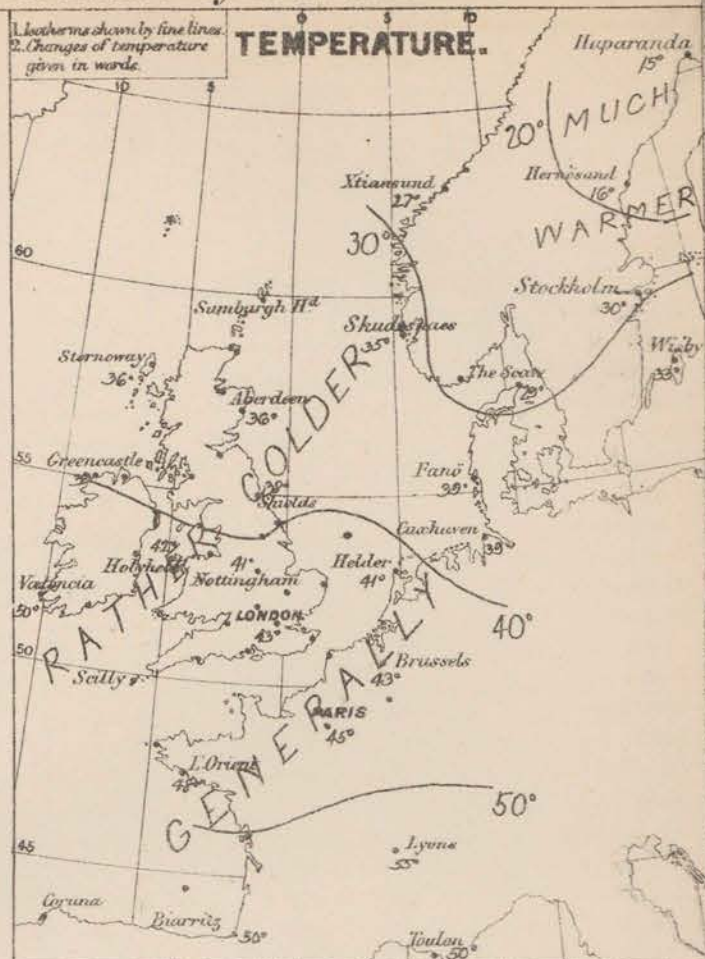
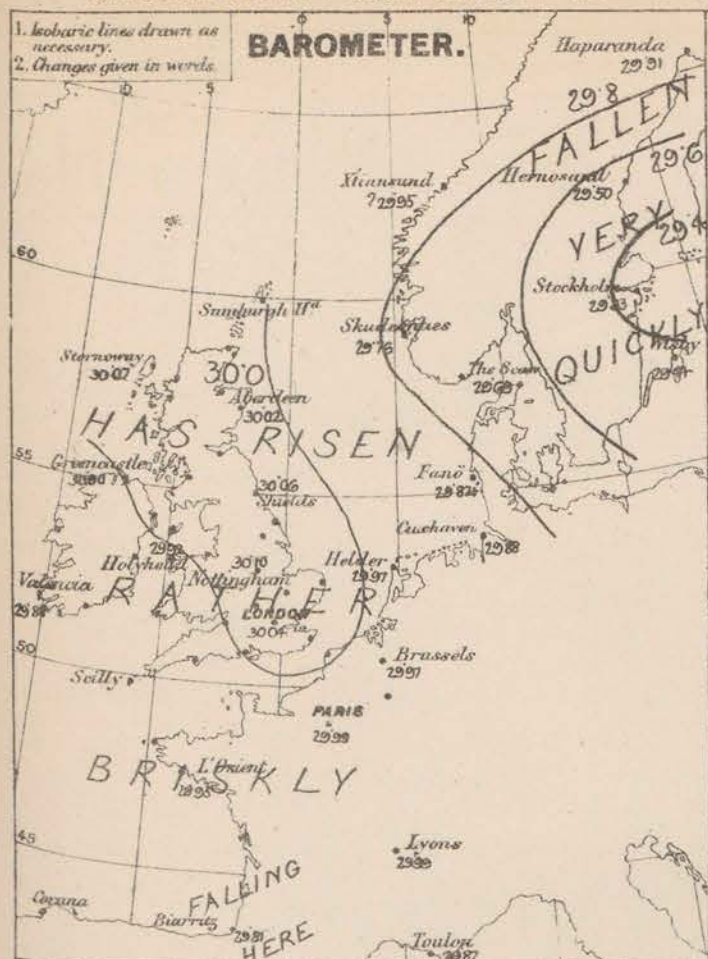
**WEATHER.**—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Thursday 12<sup>TH</sup> APRIL 1877.*



**REMARKS.** During the past 24 hours pressure has changed very irregularly over Western Europe. The high readings over Scandinavia have given way suddenly, and a depression is now shown in the neighbourhood of Stockholm, while in nearly all other places the barometer has risen briskly, and an anti-cyclone has been formed over St. Britain. In the extreme south west of France, however, a decrease of pressure has commenced during the night. The wind, which is moderate to fresh in force except in the Island of Gotland, where a gale is blowing, varies considerably in direction. On both shores of the North Sea and in the east of France it is N<sup>4</sup> (NW to NE) over the Bay of Biscay E<sup>4</sup>, and on our west and south west coasts SE<sup>4</sup>. Temperature has fallen several degrees over south eastern England, and to a less extent at our other <sup>eastern</sup> stations as well as in France and north Germany but in Ireland it is unchanged, and in Sweden has risen briskly. In London the thermometer fell to 38° in the shade during the night, and a slight frost was experienced on the grass. The weather is clear or nearly so except in the extreme north, where snow is falling. Yesterday afternoon a sharp thunderstorm with heavy hail and rain passed over southern England. The sea is slight except in the neighbourhood of the Hebrides.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 4/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

# DAILY WEATHER REPORT APRIL 13<sup>TH</sup> 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 P. 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 320 P. 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 ...	29.38	16	NE	6	o	29.13	-.78	15	14	0	N	2	o	*	*	*	0.47	
Hernösand ...	29.45	19	NNE	4	s	29.57	+ .01	21	19	+ 5	N	4	bc	*	*	*	0.08	
Stockholm ...	29.61	26	NW	6	b	29.80	+ .47	29	26	- 1	NW	5	b	*	*	*	-	
Wisby ...	29.84	32	N	4	b	29.99	+ .55	32	30	- 1	N	6	b	*	*	*	-	
Christiansund ...	29.70	30	NW	3	s	29.62	-.33	32	32	+ 5	NW	8	c	5	?	25	1.34	
Skudesnaes ...	29.89	27	Z	o	b	29.87	+ .11	36	35	+ 1	SW	4	c	3	36	27	-	
Oxö (Klansand)																		
Skagen (The Seal)	29.85	34	NW	7	b	29.93	+ .24	34	33	+ 5	NW	4	b	3	39	25	-	
Fanö ...	30.04	38	NW	4	o	30.04	+ .22	41	?	+ 2	N	2	c	*	43	36	-	
Cuxhaven ...	30.08	?	N	3	b	30.08	+ .20	40	39	+ 1	ESE	2	c	*	4	36	-	
Sumburgh Head																		
Stornoway ...	30.06	38	ENE	2	b	30.03	-.04	37	34	+ 1	NNE	1	b	4	40	25	-	
Thurso ...	30.04	36	NW	4	bc	30.02	-.02	36	34	0	ENE	1	b	3	41	30	0.02	
Wick ...	30.05	33	NW	3	bc	30.03	-.02	34	32	0	NW	1	c	0	39	27	-	
Nairn ...	30.07	36	ENE	1	b	30.05	-.01	33	30	- 1	Z	0	b	1	44	27	-	
Aberdeen ...	30.03	39	N	3	o	30.02	+ .01	36	31	0	NW	1	b	2	42	30	-	
Leith ...	30.02	40	E	3	c	30.01	-.06	37	36	0	ESE	3	o	*	47	34	-	
Shields ...	30.05	40	ESE	4	o	29.99	-.07	38	37	0	ESE	4	f	3	43	36	0.23	
York ...	30.04	43	SE	2	f	29.98	-.09	39	39	0	E	1	f	*	46	36	0.36	
Scarborough ...	30.05	40	ESE	2	o	29.98	-.08	38	38	- 2	SSE	3	f	3	42	35	0.38	
Nottingham ...	30.03	43	SE	3	o	29.99	-.11	44	43	+ 3	S	3	c	*	50	39	0.07	
Ardrossan ...	30.01	45	SSE	1	o	30.00	-.07	38	36	+ 1	NE	3	bc	2	48	35	0.06	
Greencastle ...	29.93	38	E	2	f	29.98	-.02	39	38	0	E	3	o	*	42	37	0.23	
Donaghadee ...	29.95	40	SSE	4	f	29.95	-.09	39	39	- 1	E	5	f	3	45	38	0.21	
Kingstown ...	29.92	46	SSE	3	o	29.92	-.05	46	45	+ 2	S	1	f	1	47	43	0.91	
Holyhead ...	29.94	45	S	2	m	29.92	-.02	47	46	+ 5	SW	2	d	1	47	42	0.20	
Liverpool (Bidston)	29.98	42	S	2	f	29.94	-.09	44	43	+ 4	SW	1	f	1	45	40	0.18	
Valencia ...	29.87	50	SE	3	o	29.87	-.01	50	50	0	SW	3	fg	3	52	47	0.42	
Roche's Point...	29.92	54	SW	3	bc	29.90	-.02	51	50	0	SW	3	c	3	57	48	0.24	
Pembroke ...	29.92	47	SE	4	o	29.94	+ .02	47	46	+ 1	SSE	2	om	3	48	44	-	
Portishead ...	29.98	47	ENE	2	o	29.98	-.02	45	43	+ 4	E	2	o	2	57	38	-	
Scilly ...																		
Plymouth ...	29.96	47	E	4	o	29.95	+ .01	47	46	- 1	E	2	o	*	53	43	-	
Hurst Castle ...	29.99	47	ESE	3	c	29.97	-.03	47	47	- 2	E	2	o	2	47	41	-	
Dover ...	30.05	45	E	3	bc	30.00	-.02	48	45	+ 5	E	2	b	1	49	41	-	
London ...	30.05	46	E	2	bc	29.99	-.05	48	40	+ 5	SE	1	c	*	52	39	-	
Oxford ...	*	*	*	*	*	29.99	-.06	44	42	+ 4	Z	0	o	*	57	37	-	
Cambridge ...	30.04	45	SE	1	c	29.99	-.07	44	42	+ 3	SE	1	c	*	48	37	-	
Yarmouth ...	30.08	42	ESE	3	b	30.01	-.02	44	42	+ 3	ESE	2	bc	2	44	39	-	
The Helder ...	*	*	*	*	*	30.03	+ .04	41	38	0	E	1	bc	*	*	*	-	
Cape Gris Nez	30.04	45	E	3	c	30.04	+ .03	45	43	+ 2	E	1	b	0	43	39	-	
Brest ...	29.94	61	NW	1	bc	29.97	+ .03	50	46	+ 5	SE	1	m	2	?	41	-	
L'Orient ...																		
Rochefort ...	29.82	59	E	3	bc	29.83	-.08	50	48	0	ENE	3	bc	3	?	41	-	
Biarritz ...	29.73	63	ESE	1	o	29.82	+ .01	59	54	+ 9	Z	0	o	2	73	46	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.99	+ .02	41	*	- 2	NNE	1	c	*	*	*	-	
Charleville ...	*	*	*	*	*	29.91	-.00	42	*	0	ENE	1	bc	*	*	*	-	
Paris ...	29.97	53	E	3	bc	29.95	-.04	43	*	- 2	NE	2	bc	*	*	*	-	
Lyons ...	*	*	*	*	*	29.93	-.06	54	*	- 1	N	2	o	*	*	*	-	
Toulon ...	29.89	54	NW	4	b	29.95	+ .08	52	50	+ 2	E	1	c	2	61	48	-	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.83	32	31	NNN	5	sh	4	Valencia .....	29.88	50	48	SE	4	fg	4
Thurso .....	30.04	38	34	NNN	4	c	4	Scilly .....							
Scarborough ...	30.08	41	37	ESE	2	c	3	London .....	30.06	47	43	E	3	c	*
Greencastle ...	29.97	41	39	ESE	2	f	*	Rochefort ...	29.83	64	50	ESE	3	bc	3
Holyhead .....	29.97	43	43	ESE	2	d	1								

No important change, except that rain has set in in the N.

## EXPLANATION OF COLUMNS.

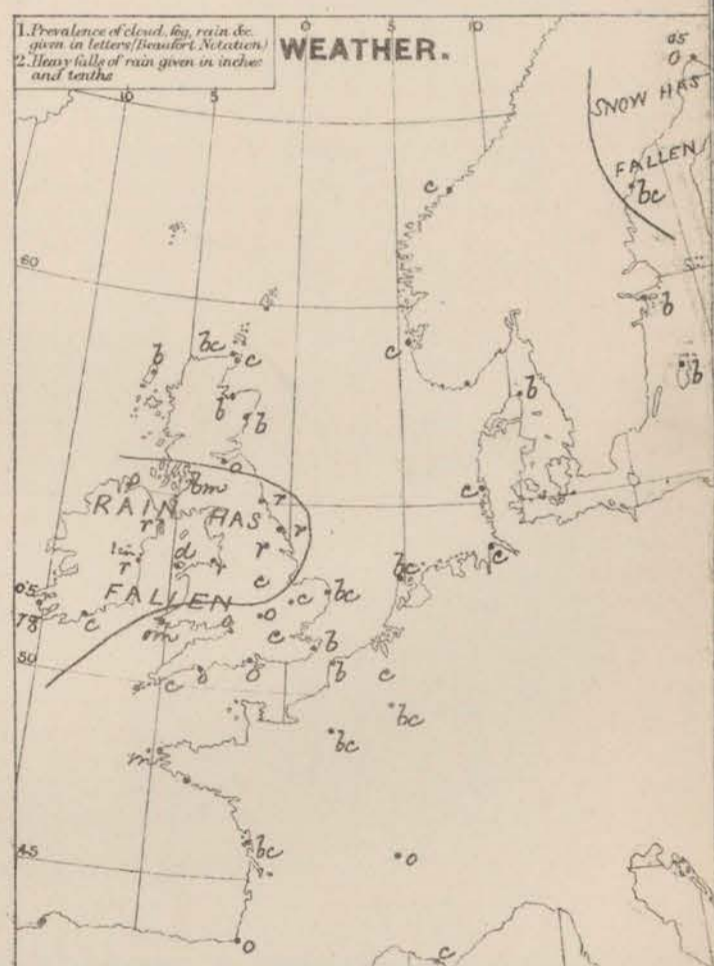
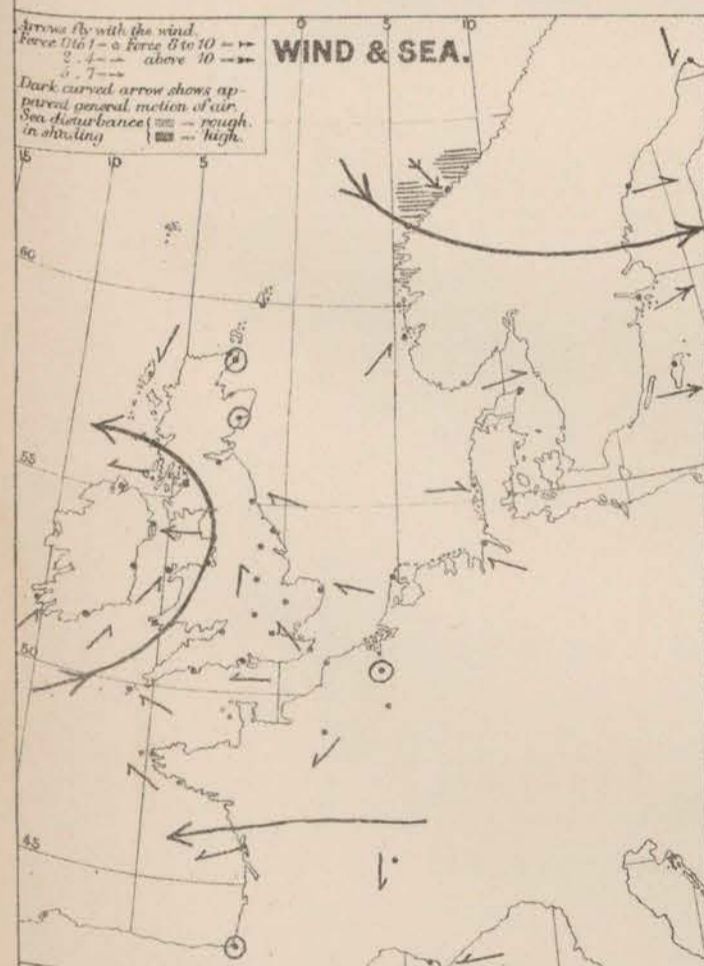
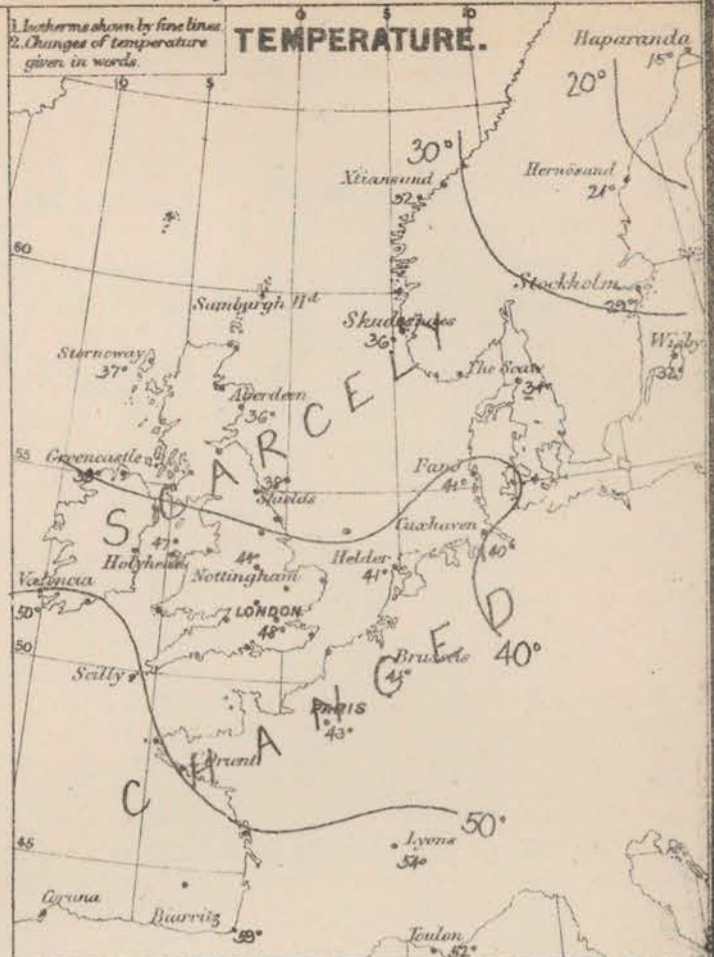
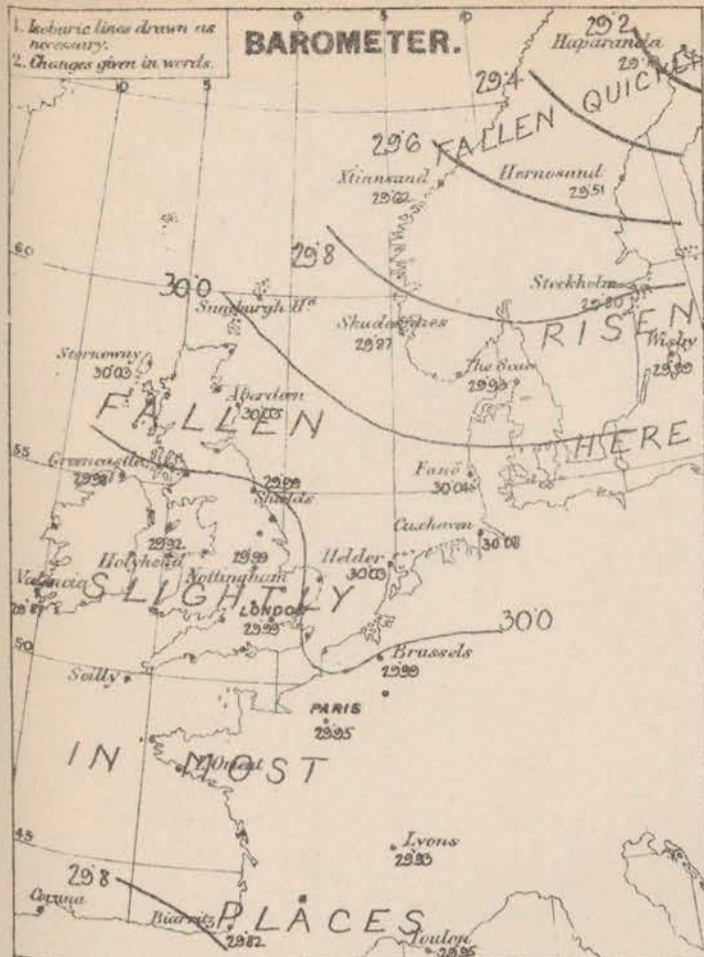
**WEATHER.**—Beaufort Scale in, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Fri-day 13<sup>th</sup> APRIL 1877.



**REMARKS.** The lowest pressures have moved N<sup>W</sup> during the past 24 hours, and the barometer has fallen fast in Lapland, while it has risen briskly in Denmark and the Baltic. In these islands and France comparatively little change has occurred but the areas of high readings, which yesterday lay over Great Britain has moved E<sup>W</sup>, and now lies over the North Sea so that the barometer has fallen somewhat at most of the English stations. The wind is light or moderate in force except at some of the Swedish and Norwegian stations. It is generally SE<sup>W</sup> to E<sup>W</sup> over these islands and France but in Scotland it is NW<sup>W</sup> and at Valentia SW<sup>W</sup>, while over Scandinavia a strong W<sup>W</sup> breeze is reported. Temperature has changed little and irregularly. In the north the weather is cold, and several degrees of frost were experienced during the night. Heavy rain has fallen in Ireland. The sky this morning is cloudy except in Scotland, and rain is now reported from the north of England. The sea is slight.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

# DAILY WEATHER REPORT APRIL 14<sup>th</sup> 1877.

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 5.)	SHADE TEMP.		Amount of Rainfall.	
			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.		
Haparanda ...	29.63	13	NW	4	b	29.99	+ .86	12	10	-	3	NW	2	b	*	*	*	-
Hernösand ...	29.82	23	NW	2	b	30.15	+ .64	12	12	-	9	Z	0	b	*	*	*	-
Stockholm ...	29.84	29	SW	4	b	29.98	+ .18	28	24	-	1	NNE	4	c	*	*	*	-
Wisby ...	29.99	33	SW	4	b	29.97	- .02	33	32	+	1	NW	4	s	*	*	*	-
Christiansund ...	29.93	29	W. SW	2	b	30.16	+ .34	32	30	-	0	SE	1	f	3	32	25	-
Skudesnaes ...	29.99	33	WNW	2	b	30.17	+ .30	35	32	-	1	ENE	6	b	4	37	2	-
Oxö (Xtiansand) ...	29.93	34	N	4	b	30.10		30	27			N	4	f	2	37	27	-
Skagen (The Sæw) ...	29.92	35	NW	3	b	30.04	+ .11	33	32	-	1	N	4	b	3	41	25	-
Fanö ...	30.04	34	N	1	b	30.08	+ .04	38	36	-	3	N	2	b	*	45	32	-
Cuxhaven ...	30.03	48	N	3	b	30.11	+ .03	39	36	-	1	NE	2	b	*	*	36	-
Sumburgh Head ...																		
Stornoway ...	30.06	40	NE	2	b	30.04	+ .01	40	36	+	3	SE	1	b	4	42	28	-
Thurso ...	30.08	39	NNE	2	b	30.12	+ .10	35	36	+	2	SSE	2	b	2	47	32	-
Wick ...	30.11	38	Z	0	c	30.14	+ .11	36	34	+	2	S	2	b	1	46	30	0.02
Nairn ...	30.07	40	ESE	1	b	30.12	+ .07	37	34	+	4	Z	0	b	1	45	28	-
Aberdeen ...	30.07	39	SSE	1	b	30.16	+ .13	36	33	-	0	SSE	2	b	2	43	31	-
Leith ...	30.05	39	SE	3	c	30.10	+ .09	43	40	+	6	SSE	3	b	*	44	32	-
Shields ...	30.05	38	E	5	f	30.15	+ .16	42	39	+	4	SE	3	b	3	42	37	0.02
York ...	29.95	42	ESE	1	f	30.14	+ .16	43	40	+	4	ESE	3	c	*	48	37	0.08
Scarborough ...	30.02	40	ESE	2	c	30.16	+ .18	40	40	+	2	ESE	2	c	3	41	38	0.01
Nottingham ...	30.01	44	N	3	f	30.13	+ .14	42	41	-	2	ENE	3	c	*	54	40	0.14
Ardrossan ...	30.04	42	ENE	3	c	30.08	+ .08	39	36	+	1	NE	3	of	2	46	34	-
Greencastle ...	29.96	44	E	2	c	29.99	+ .00	44	43	+	5	ESE	3	c	*	48	38	-
Donaghadee ...	30.00	43	ESE	4	c	30.03	+ .08	43	43	+	4	ESE	5	c	3	43	39	0.13
Kingstown ...	29.93	48	ENE	3	c	29.98	+ .06	48	47	+	2	SE	1	f	1	49	45	0.13
Holyhead ...	29.94	47	S	1	f	30.01	+ .09	47	47	0		S	1	d	0	49	45	0.22
Liverpool (Bidston) ...	29.98	45	SW	1	c	30.07	+ .13	42	40	-	2	E	3	c	1	48	41	0.11
Valencia ...	29.92	52	S	3	c	29.86	- .01	51	49	+	1	ESE	2	ow	4	54	48	0.05
Roche's Point ...	29.95	54	SW	4	c	29.94	+ .01	52	50	+	1	SSE	4	c	4	56	48	0.29
Pembroke ...	29.96	52	ENE	1	c	30.00	+ .06	48	46	+	1	SE	1	c	2	52	46	0.24
Portishead ...	29.99	47	E	2	c	30.05	+ .07	46	46	+	1	E	3	f	3	52	42	-
Scilly ...																		
Plymouth ...	29.98	53	S	2	c	30.04	+ .09	50	49	+	3	E	1	ow	*	58	46	-
Hurst Castle ...	29.99	50	S	2	c	30.07	+ .10	45	48	+	1	ENE	1	m	1	51	44	-
Dover ...	30.01	47	ESE	2	c	30.07	+ .07	49	47	+	1	NNE	2	c	1	51	44	-
London ...	30.00	50	N	1	of	30.10	+ .11	47	46	-	1	ENE	2	c	*	57	43	0.04
Oxford ...	*	*	*	*	*	30.09	+ .10	46	45	+	2	NE	1	m	*	55	41	0.06
Cambridge ...	29.98	48	N	1	c	30.10	+ .11	44	43	0		NE	1	c	*	55	41	0.14
Yarmouth ...	29.99	46	S	3	b	30.12	+ .11	41	40	-	3	ESE	4	f	3	49	38	0.32
The Helder ...	*	*	*	*	*	30.13	+ .10	40	38	-	1	Z	0	c	*	*	*	-
Cape Gris Nez ...	30.00	46	ENE	2	m	30.09	+ .05	48	46	+	3	Z	0	m	0	54	43	-
Brest ...	30.04	?	NW	2	b	30.06	+ .09	53	44	0		SE	1	a	2	59	45	-
L'Orient ...	29.99	54	WNW	3	b	30.06	+ .12	48	46	0		E	2	c	3	64	45	-
Rochefort ...	29.89	?	NW	3	b	29.99	+ .10	54	52	+	4	NE	1	b	1	64	39	-
Biarritz ...	29.92	64	SSW	1	c	30.05	+ .23	55	54	-	4	WSW	3	c	3	?	52	-
Corunna ...	*	*	*	*	*										*	*	*	*
Brussels ...	*	*	*	*	*	30.09	+ .10	40	*	-	1	NNE	6	c	*	*	*	*
Charleville ...	*	*	*	*	*	29.97	+ .06	50	*	+	8	S	1	b	*	*	*	*
Paris ...	29.95	57	NE	3	b	30.06	+ .11	47	*	+	4	Z	0	b	*	*	*	*
Lyons ...	*	*	*	*	*	29.95	+ .02	55	*	+	1	N	4	c	*	*	*	*
Toulon ...	29.96	54	S	1	c	29.97	+ .02	52	40	0		N	3	b	2	57	50	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.96	37	34	WNW	5	b	3	Valencia .....	29.92	53	57	SW	3	29	3
Thurso .....	30.06	44	39	NNE	2	b	2	Scilly .....							
Scarborough ...	30.00	40	39	SSE	3	c	3	London .....	29.98	54	50	SW	2	49	*
Greencastle ...	29.95	46	44	E	3	b	*	Rochefort ...	29.87	59	55	NW	3	6	3
Holyhead .....	29.94	49	49	S	2	d	1								

No important change has occurred since the morning

## EXPLANATION OF COLUMNS.

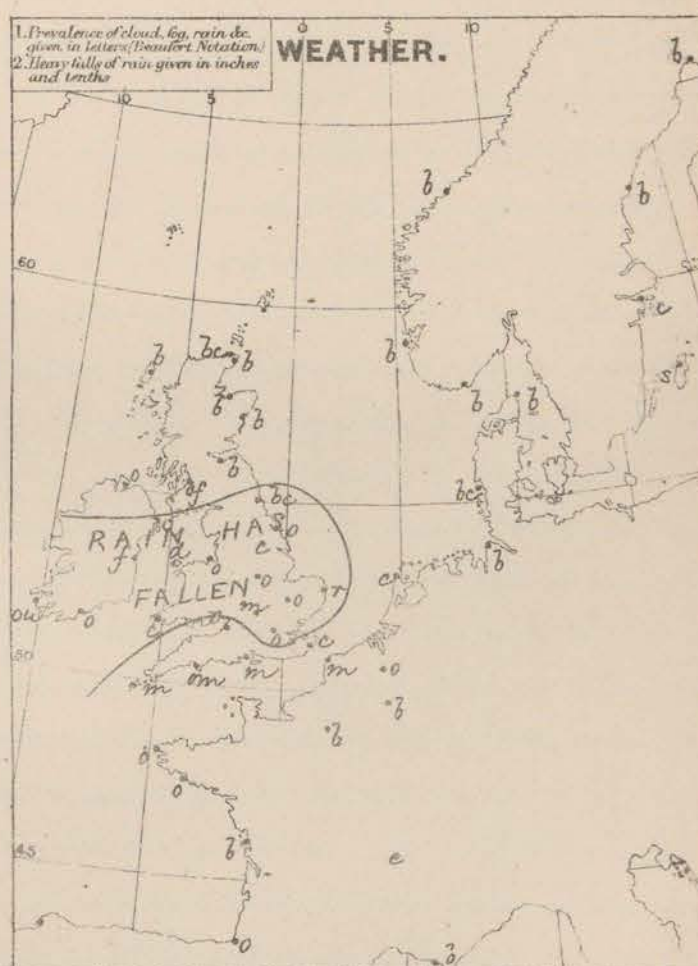
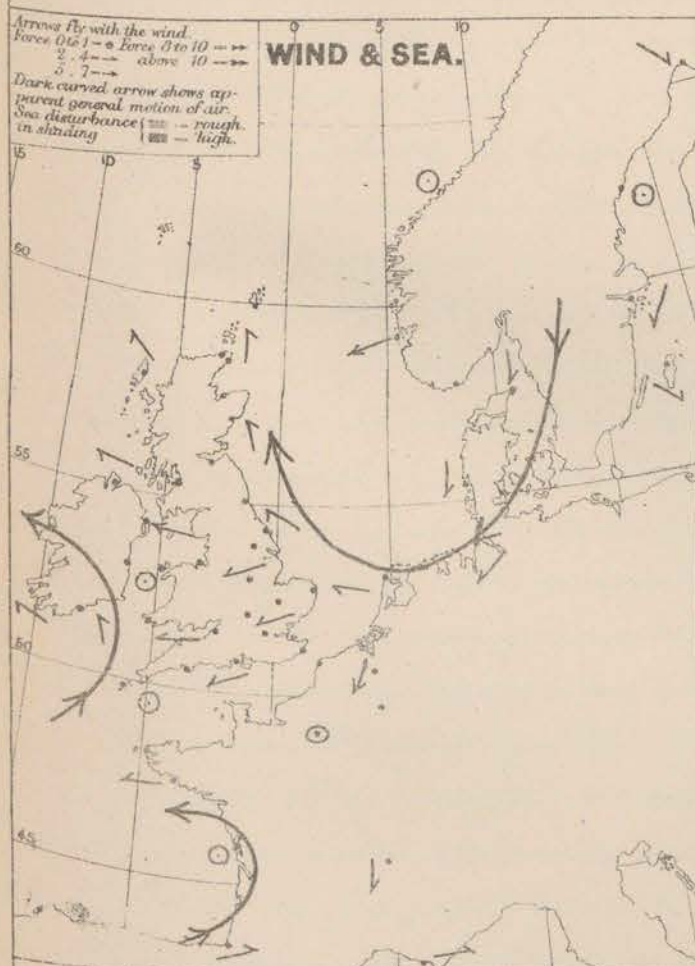
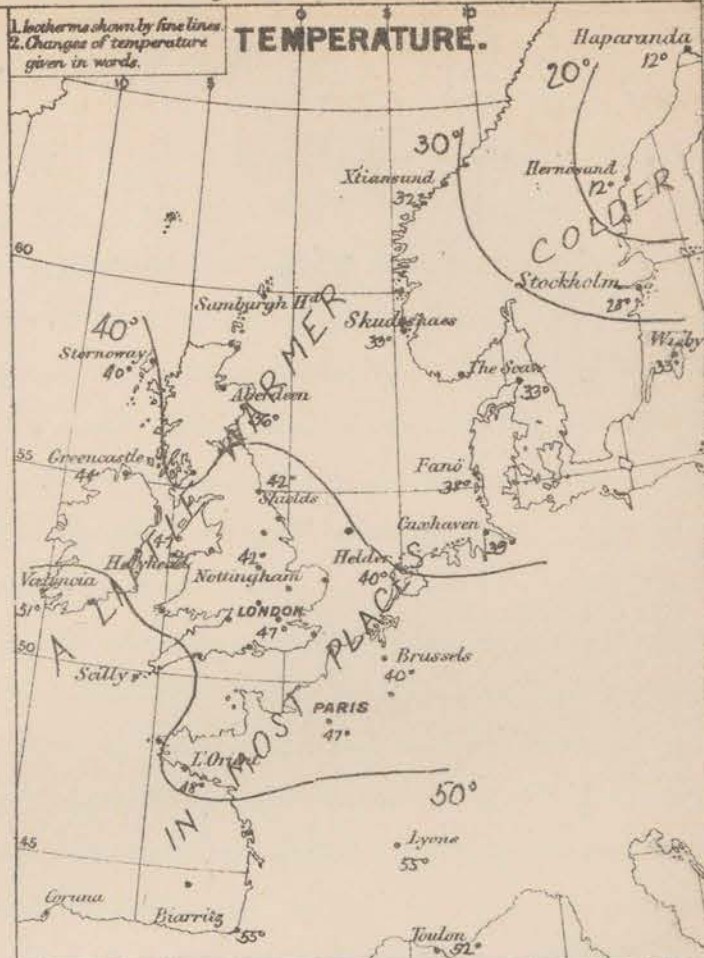
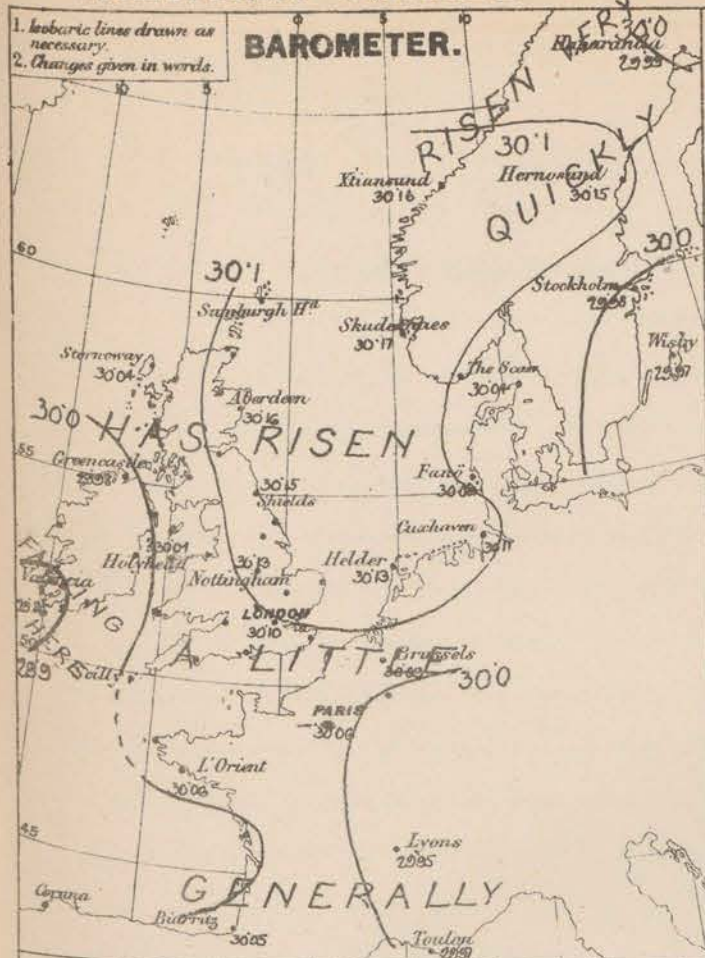
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

**WEATHER CHARTS** *for 8 a.m. on Saturday 14<sup>th</sup> APRIL 1877.*



**REMARKS.** Pressure has risen very briskly over the north of Scandinavia during the past twenty-four hours, and the depression which was shown in that neighbourhood yesterday has now entirely disappeared. The barometer has also risen, though in a less degree over the greater part of these Islands, in France, North Germany and Denmark and a large area of comparatively high readings now lies over Norway, the North Sea and the east of England. At our extreme south-western stations, however, a decrease has set in during the night, and a small shallow depression is reported from the south of Ireland. The winds are moderate to light in force generally - from SE. and E. over these Islands and the north of France, and from the NW. on the eastern shores of the North Sea, while in the south of France a W. breeze is blowing. Temperature has changed very little except in the Gulf of Bothnia where it has fallen somewhat. It is rather low generally for the time of year. The sky is cloudy except in Scotland. Some rain has fallen in Ireland, Wales and the east of England but elsewhere the weather has been dry. The sea is slight or smooth.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S. W.

**R. H. SCOTT.**  
Director.

Lingerfield Luh 22 Bedford St. Covent Garden

# SUMMARY OF WEATHER IN WESTERN EUROPE

from APRIL 8<sup>th</sup> to APRIL 14<sup>th</sup> 1877.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The weather over *N<sup>w</sup>* Europe though unsettled has been quiet, the only storm reported over our area being a slight E<sup>ly</sup> gale in Scandinavia on the 11<sup>th</sup>. During the first few days pressure was highest in the N. and fresh E<sup>ly</sup> breezes prevailed at all the more *N<sup>w</sup>* stations, while various small local depressions which advanced over our *S<sup>m</sup>* stations brought rather variable winds, and very heavy rains to those places. On Wednesday pressure began to give way quickly in Sweden and to pick up at our *N<sup>w</sup>* stations, and these changes continuing, the lowest readings were on Friday found over Lapland, while an area of comparatively high readings lay over the North Sea and a large portion of these Islands. This change did not, however, last, the barometer rose very quickly in the N. and on Saturday afternoon when a fall was appearing in the S<sup>m</sup> it was evident that a *N<sup>w</sup>* high pressure with low readings off Ireland, was again becoming established while the SE<sup>ly</sup> winds were increasing.

APRIL 8<sup>th</sup> The barometer continued highest over Central Europe, and lowest to the N<sup>w</sup> of Ireland, and the actual height as well as the general distribution of pressure was very similar to that at the close of the previous week, except that a small subsidiary disturbance was advancing from the S<sup>m</sup> across the Bay of Biscay to the N. of France. The winds were light or moderate in force on all coasts, and was generally S<sup>ly</sup> in direction except in Scotland where it drew into East. The weather was rather warmer over these Islands and France, and slightly colder over Scandinavia, while the sky was cloudy or overcast generally. The afternoon reports showed that the depression from the Bay of Biscay had advanced N<sup>w</sup> to the Channel causing the wind to back to the E<sup>ly</sup> over S<sup>m</sup> England with heavy rain.

APRIL 9<sup>th</sup> The barometer had risen somewhat in the N. while it had fallen elsewhere, so that the highest readings over *N<sup>w</sup>* Europe were reported from the North of Norway and Sweden. In the S. readings were uniformly low, and in addition to the depression off the S<sup>m</sup> of Ireland, and its satellite, which still lay over our SE<sup>m</sup> stations, a second small disturbance lay near Rochefort. In consequence light or moderate breezes rather variable in direction prevailed in the S. and in the N. fresh E<sup>ly</sup> winds were reported. Temperature had fallen slightly generally. The sky was overcast with rain in the *N<sup>w</sup>* parts of England and Ireland. During the day the increase of pressure from the N<sup>w</sup> extended to all places, but the general distribution remained unaltered.

APRIL 10<sup>th</sup> The barometer was rising in Sweden as well as in the S<sup>m</sup> of France, but in the intermediate region it was falling somewhat and a broad band of low readings lay over Ireland, England, the Netherlands and the N. and E of France. In connection with this band three depressions were shown, one over the Gulf of Lyons, a second over our SE<sup>m</sup> and a third over our S<sup>m</sup> stations. They were, however, all unimportant and only caused a continuance of the variable breezes which had prevailed at the more S<sup>m</sup> stations during the past two days. In the N. gradients continued moderately steep, and fresh E<sup>ly</sup> winds were still experienced. Temperature had fallen again a few degrees in Scotland, but had scarcely changed elsewhere. Rain was falling in the NE. and the sky was overcast very generally. Later reports showed that the barometer had risen slightly in the S. and fallen in the N. so that readings had become very uniform over the United Kingdom, but the E<sup>ly</sup> breeze in the N. still continued to blow freshly.

APRIL 11<sup>TH</sup> Pressure had increased over the whole of these Islands and France, as well as in the Gulf of Bothnia, but on the E<sup>m</sup> shores of the North Sea, and in the South of Sweden it had decreased. Of the two depressions noticed over our Islands on the 10<sup>th</sup> that from our S<sup>em</sup> stations had advanced Eastward to N Germany, while that from the S<sup>W</sup> had moved <sup>th</sup> to Central England. The latter had been almost filled up, and the lowest reading was reported from Aushaven. The rise had been rather brisk in the South of Ireland, and the wind had backed from E. to NE or N. on most of our coasts, though fresh E<sup>ly</sup> winds or gales were still reported from Scandinavia. In France the wind was light from N. Temperature had again changed very little except in the N. of Sweden where it was much lower. The sky was very cloudy except in France. At about 3 P.M. a sharp thunderstorm passed over Southern England. In the evening pressure was giving way quickly over Sweden, but was rising steadily elsewhere, and the winds were very little changed.

APRIL 12<sup>TH</sup> In the night the barometer had continued to fall quickly in Sweden, and the lowest pressures were reported from the neighbourhood of Stockholm, but in nearly all other places the mercury had risen, and an area of comparatively high readings lay over Scotland and England. The wind consequently continued to blow from the N<sup>W</sup> (NW-NE) on both shores of the North Sea, and in the N and E of France, while in the N. of that country and on our N<sup>m</sup> Coasts (i.e. to the N<sup>W</sup> of high pressure), a SE<sup>ly</sup> breeze had sprung up. Temperature had fallen fast in the SE of England and to a less extent in most other places except Sweden where it had risen several degrees. The sky was clear or moderately so except in the extreme N. where snow was falling. During the day pressure changed very little, but the SE<sup>ly</sup> wind was spreading over us.

APRIL 13<sup>TH</sup> Over the whole of N<sup>m</sup> Europe no change of importance in pressure had occurred, but the lowest readings had continued to travel N<sup>W</sup>, and the barometer had fallen fast in Lapland, while it had risen briskly in Sweden. The mercury was highest over the North Sea, but readings were very uniform in our neighbourhoods and the wind light on all coasts. In Scandinavia, however, a fresh N<sup>W</sup> wind was blowing. Temperature had changed irregularly. In the N. it was low and during the night several degrees of frost had been experienced. The weather was very cloudy except in Scotland. The changes continued extremely slight during the day.

APRIL 14<sup>TH</sup> The depression in the N. of Sweden had entirely disappeared, and the barometer had risen very briskly in that neighbourhood, while in all other places except the S. of Ireland a slight recovery had occurred. An area of comparatively high readings lay over the N. of Norway, the North Sea, and the East of Great Britain, while a small shallow depression was shown in the neighbourhood of Valencia. Pressure was, however, uniform, and the wind which was N<sup>W</sup> on the E<sup>m</sup> shores of the North Sea, NE<sup>ly</sup> to E<sup>ly</sup> in France, and SE<sup>ly</sup> on our coasts was everywhere light or moderate in force. The changes in pressure were again exceedingly slight. The sky continued clear in Scotland, and was almost clear on the Continent, but in England and Ireland the weather remained dull. Later reports showed a fall of the barometer in the N. so that gradients for SE<sup>ly</sup> winds began to increase and the weather to look threatening.

---

Meteorological Office,  
116, Victoria Street, Westminster, S.W.  
ROBERT H. SCOTT, Director.

# DAILY WEATHER REPORT

APRIL 15<sup>TH</sup> 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 12).		Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.10	5	S	2	b	30.30	+ 31	5	5	- 7	N	2	b	*	*	*	-	
Hernösand ...	30.26	14	Z	0	b	30.36	+ 21	31	20	+ 19	Z	0	c	*	*	*	-	
Stockholm ...	30.24	23	N	4	b	30.38	+ 40	26	24	- 2	Z	0	b	*	*	*	-	
Wisby ...	30.23	27	NE	6	b	30.32	+ 35	28	25	- 5	NE	8	b	*	*	*	-	
Christiansund ...	30.29	22	SW	3	b	30.33	+ 17	32	31	0	ESE	4	b	3	36	25	-	
Skudesnaes ...	30.33	36	ESE	2	b	30.40	+ 23	35	31	0	SE	6	c	4	?	34	-	
Oxö (Xtiansand) ...	30.33	33	ESE	4	b	30.46	+ 36	25	23	- 5	?	4	b	2	36	21	-	
Skagen (The Seaw)	30.34	32	ESE	3	b	30.45	+ 41	35	33	+ 2	Z	0	b	*	41	28	-	
Fanö ...	30.27	32	N	4	b	30.34	+ 26	35	32	- 3	ESE	4	b	*	43	28	-	
Cuxhaven ...	30.18	?	N	3	b	30.33	+ 22	37	36	- 2	NE	3	b	*	*	34	-	
Sumburgh Head																		
Stornoway																		
Thurso ...	29.91	46	SE	2	bc	29.72	- 32	48	46	+ 8	S	5	0	5	48	38	-	
Wick ...	30.05	39	SSE	5	c	29.90	- 22	42	41	+ 4	SSE	6	og	4	46	36	-	
Nairn ...	30.07	42	SE	6	bc	?	?	42	40	+ 6	SSE	9	m	7	45	37	-	
	30.07	45	SW	1	b	29.91	- 21	45	43	+ 8	Z	0	0	1	44	37	-	
Aberdeen ...	30.06	41	SSE	4	c	30.06	- 10	41	38	+ 5	S	8	0	6	45	36	0.08	
Leith ...	30.00	45	S	4	c	?	?	43	42	0	S	3	c	*	51	41	-	
Shields ...	30.16	42	SE	6	c	30.13	- 02	42	40	0	SSE	6	0	4	44	41	-	
York ...	30.18	44	SSE	1	0	30.14	00	43	40	0	S	3	0	*	47	39	-	
Scarborough ...	30.19	42	SE	3	c	30.16	00	43	41	+ 3	SSE	5	c	4	44	40	-	
Nottingham ...	30.15	48	SE	4	0	30.12	- 01	43	41	+ 1	SE	4	0	*	52	40	-	
Ardrossan ...	30.05	46	S	2	r	29.94	- 14	47	44	+ 8	SE	4	0	3	54	39	0.06	
Greencastle ...	29.87	50	SE	3	bc	29.72	- 26	48	46	+ 4	S	4	0	*	5	40	-	
Donaghadee ...	29.99	45	SE	6	0	29.82	- 21	45	45	+ 2	SE	7	0	5	46	42	0.05	
Kingstown ...	29.97	51	SSE	4	c	29.78	- 20	49	47	+ 1	SSE	4	ow	3	53	46	-	
Holyhead ...	30.00	54	S	2	bc	29.85	- 16	51	51	+ 4	SSE	2	0	1	54	46	0.19	
Liverpool (Bidston)	30.06	48	ESE	3	0	29.98	- 09	43	41	+ 1	ESE	5	0	3	48	42	-	
Valencia ...	29.76	53	SE	5	r	29.51	- 35	52	52	+ 1	SE	4	0	4	53	50	0.70	
Roche's Point...	29.88	50	SSE	5	r	29.62	- 32	51	51	- 1	SSE	7	r	5	55	47	0.4	
Pembroke ...	30.00	51	SE	2	0	29.81	- 19	49	48	+ 1	SE	7	0	4	54	47	-	
Portishead ...	30.07	54	ESE	2	0	29.96	- 09	48	46	+ 2	ESE	7	0	4	58	44	0.01	
Scilly ...																		
Plymouth ...	30.05	53	ESE	1	c	29.91	- 13	51	50	+ 1	SE	3	0	*	59	49	-	
Hurst Castle ...	30.08	53	ESE	3	b	30.02	- 05	50	50	+ 2	S	4	0	4	50	48	-	
Dover ...	30.18	47	E	4	b	30.19	+ 12	46	41	- 3	E	5	b	4	51	41	-	
London ...	30.17	47	E	3	0	30.14	+ 04	44	41	- 3	ESE	2	0	*	56	40	-	
Oxford ...	*	*	*	*	*	30.06	- 03	45	42	- 1	ESE	2	0	*	50	43	-	
Cambridge ...	30.19	45	SE	1	0	30.14	+ 04	47	42	+ 3	SSE	1	b	*	50	35	-	
Yarmouth ...	30.21	43	ESE	3	b	30.22	+ 10	42	38	+ 1	SE	4	b	3	44	39	0.01	
The Helder...	*	*	*	*	*	30.29	+ 16	41	36	+ 1	E	1	b	*	*	*	-	
Cape Gris Nez	30.15	50	ESE	3	b	30.18	+ 09	45	39	- 3	E	1	b	0	54	37	-	
Brest ...	30.08	61	N	1	bc	29.93	- 13	52	50	+ 2	S	3	0	?	?	?	-	
L'Orient ...	30.04	55	N	1	m	29.98	- 08	52	50	+ 4	SSE	3	m	4	61	46	-	
Rochefort ...	30.04	55	NN	2	b	29.98	- 01	55	52	+ 1	NN	2	b	2	70	39	-	
Biarritz ...	30.04	63	NNN	1	bc	29.97	- 08	55	52	0	E	1	c	3	?	46	-	
Corunna ...	*	*	*	*	*	29.99		59	*		?	6	c	1	*	*	*	
Brussels ...	*	*	*	*	*	30.24	+ 15	55	*	- 5	NE	1	b	*	*	*	-	
Charleville ...	*	*	*	*	*	30.15	+ 18	41	*	- 9	SE	3	b	*	*	*	*	
Paris ...	30.10	57	NE	3	b	30.15	+ 09	45	*	- 2	E	3	b	*	*	*	-	
Lyons ...	*	*	*	*	*	30.18	+ 23	46	*	- 9	NE	2	b	*	*	*	*	
Toulon ...	29.90	57	NN	4	bc	29.96	- 01	54	52	+ 2	E	2	b	2	61	52	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.29	38	33	ENE	2	f	2	Valencia .....	29.82	34	52	SE	6	ru	6
Thurso .....	30.14	44	41	SSE	5	bc	3	Scilly .....							
Scarborough ...	30.20	42	41	SE	4	0	4	London .....	30.14	53	51	SE	2	0	*
Greencastle ...	29.95	37	45	SE	3	0	*	Rochefort ...	30.02	63	59	NE	2	bc	2
Holyhead .....	30.03	53	52	SE	3	0	2								

The barometer is falling a little at the Irish and Scotch stations, and the SE<sup>ly</sup> winds is freshening in the West, with rain and a threatening appearance at Valencia.

## EXPLANATION OF COLUMNS.

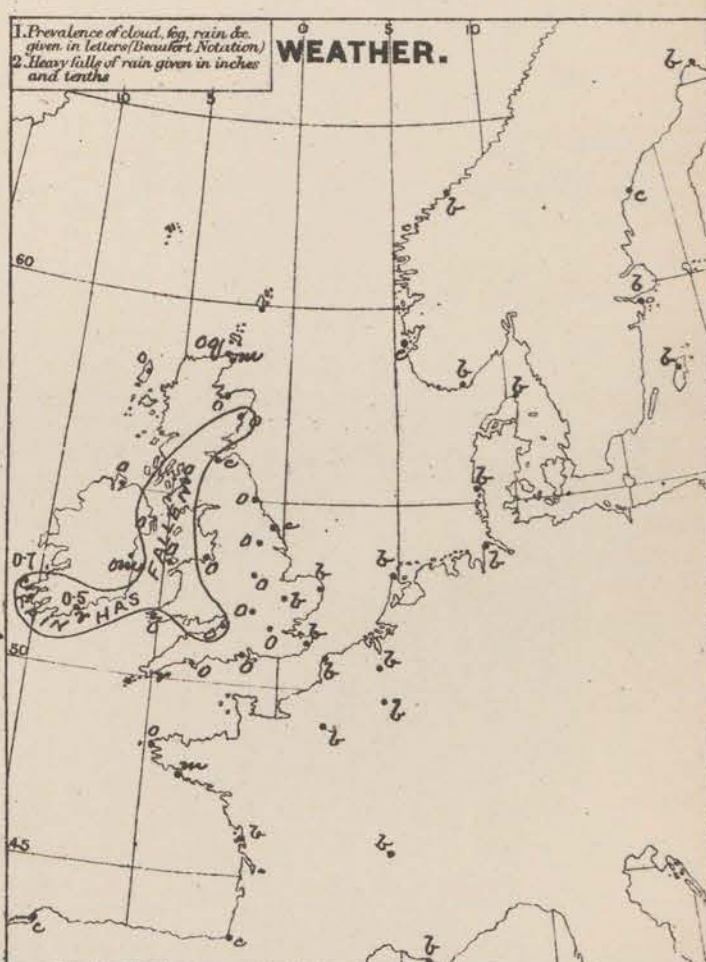
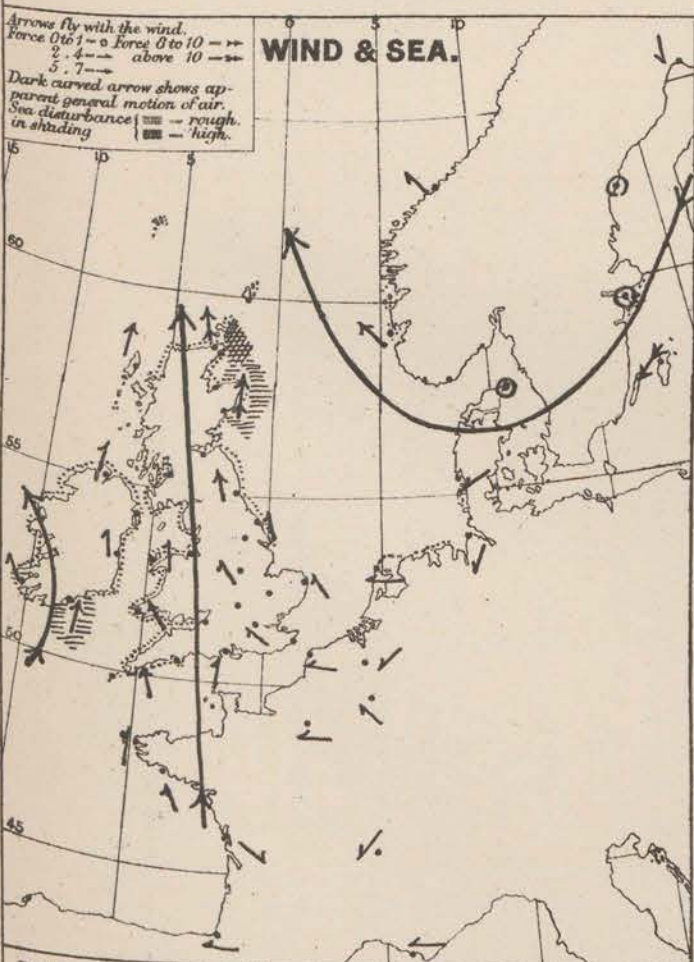
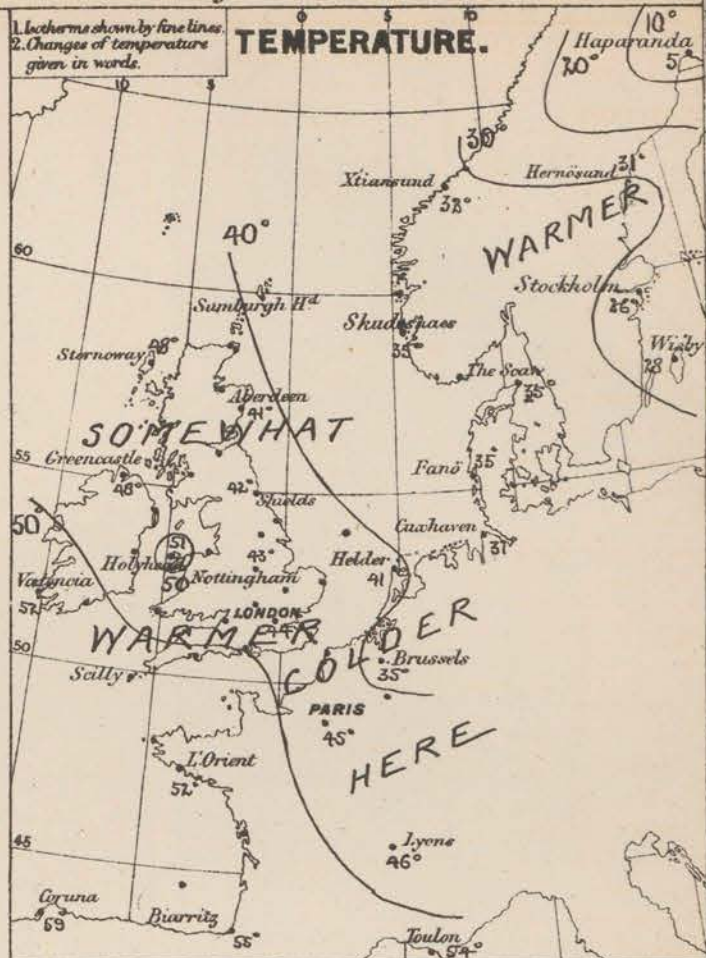
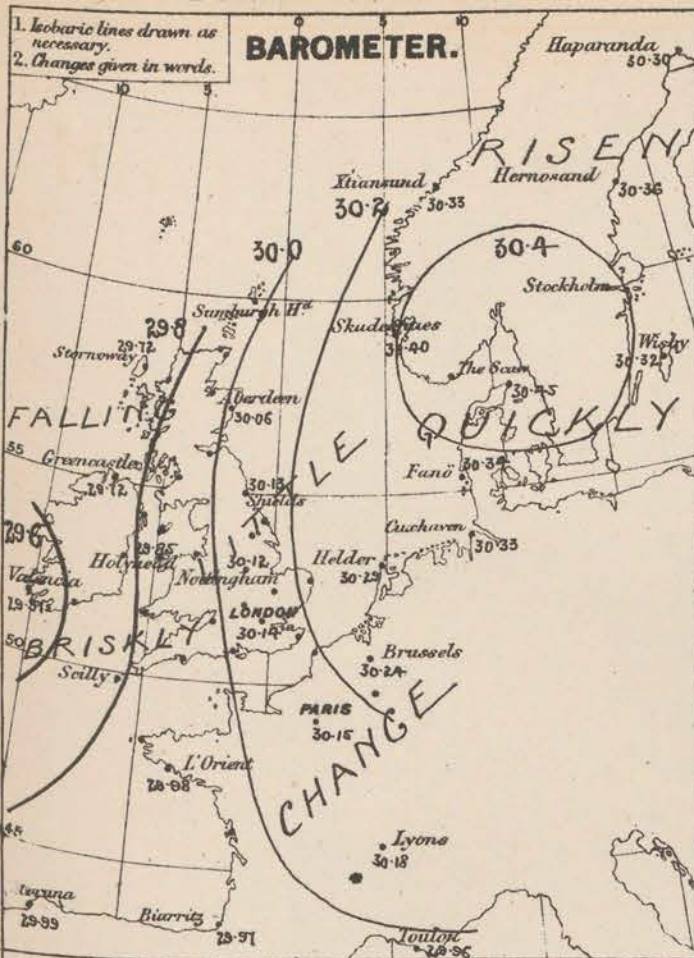
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Sunday APRIL 15<sup>th</sup> 1877.



Note: A dotted line is drawn round the coast where the signals have been hoisted this morning.

**REMARKS.** During the past 24 hours a brisk fall of the barometer has commenced in the W. of Ireland, and NW. of Scotland, but over Scandinavia and Denmark the mercury has risen quickly. SE to SE<sup>2</sup> winds have now become general, and blow strongly in the W. where they have attained the force of a stiff gale in the NE. of Scotland. Temperature has risen quickly at the Scotch stations, and to a less extent in most other places, but in Belgium, and the N. of Germany the weather is rather colder. The sky is clear on the Continent, but over our Islands the weather is overcast and threatening. The sea is high off the NE. coast of Scotland, moderate elsewhere. Warnings have been sent to all our W. N. and NE. coasts.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

# DAILY WEATHER REPORT APRIL 16<sup>TH</sup> 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 355 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRE.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 2).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 355 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 ...	30.34	12	Z	0	o	30.12	- 18	29	27	+ 24	SW	6	o	*	*	*	-	
Hernösand ...	30.44	25	Z	0	b	30.36	00	27	25	- 4	SW	4	c	*	*	*	-	
Stockholm ...	30.01	27	SE	2	b	30.47	+ 09	30	26	+ 4	ESE	2	b	*	*	*	-	
Wisby ...	30.40	27	NE	4	b	30.41	+ 09	33	31	+ 5	ESE	6	b	*	*	*	-	
Christiansund ...	30.25	32	S	1	b	30.21	- 12	36	32	+ 4	SE	2	b	4	41	25	-	
Skudesnaes ...	30.36	35	SE	4	b	30.33	- 07	38	32	+ 3	SE	6	b	4	?	?	-	
Oxö (Xtiansand) ...	30.43	33	E	2	b	30.41	- 05	32	30	+ 7	?	4	b	2	41	25	-	
Skagen (The Scaw) ...	30.43	37	NE	3	b	30.41	- 04	36	34	+ 1	ESE	3	b	2	46	30	-	
Fanö ...	30.35	33	SE	3	b	30.26	- 08	36	32	+ 1	ENE	4	b	*	39	30	-	
Cuxhaven ...	30.32	?	E	4	b	30.24	- 09	35	33	- 2	E	4	b	*	4	32	-	
Sumburgh Head																		
Stornoway	29.59	48	S	6	o	29.66	- 06	46	44	- 2	ESE	4	b	4	62	43	0.03	
Thurso ...	29.79	42	SSE	7	o	29.74	- 06	42	40	0	SSE	7	cy	4	46	40	-	
Wick ...	29.83	42	ESE	8	o	29.93	?	42	38	0	SE	7	o	6	44	39	-	
Nairn ...	29.81	46	S	3	b	29.82	- 09	43	40	- 2	SSE	4	o	2	52	34	-	
Aberdeen ...	29.98	41	S	8	o	29.94	- 12	41	37	0	SSE	8	o	7	43	40	-	
Leith ...	29.87	44	S	?	c	29.80	?	42	40	- 1	SSE	6	c	*	48	40	-	
Shields ...	30.00	41	SE	7	c	29.88	- 25	42	39	0	SE	10	c	7	44	41	-	
York ...	30.00	43	S	4	c	29.84	- 30	43	39	0	ESE	5	o	*	48	40	-	
Scarborough ...	30.04	41	SSE	6	c	29.90	- 26	41	38	- 2	SE	9	c	6	44	?	-	
Nottingham ...	29.95	46	SE	7	o	29.72	- 40	44	39	+ 1	SE	7	ou	*	53	41	-	
Ardrossan ...	29.76	47	SE	5	r	29.67	- 27	43	39	- 4	E	7	o	4	49	42	0.20	
Greencastle ...	29.58	49	S	5	o	29.46	- 26	44	43	- 4	SE	5	o	*	49	42	0.03	
Donaghadee ...	29.69	46	SSE	8	r	29.54	- 28	43	42	- 2	SE	8	r	6	46	42	0.36	
Kingstown ...	29.63	49	SSE	5	r	29.41	- 07	47	46	- 2	SSE	6	r	5	?	46	0.96	
Holyhead ...	29.70	52	SSE	6	o	29.47	- 38	49	48	- 2	E	6	o	4	54	47	0.43	
Liverpool (Bidston) ...	29.79	49	ESE	6	o	29.61	- 37	44	39	+ 1	E	7	o	4	52	43	0.03	
Valencia ...	29.32	55	E	3	o	29.09	- 42	53	50	+ 1	ESE	6	og	6	57	50	0.52	
Roche's Point...	29.41	51	SSE	7	r	29.22	- 40	52	51	+ 1	SSE	6	bc	5	54	48	1.10	
Pembroke ...	29.62	50	SE	8	o	29.35	- 26	47	46	- 2	ESE	8	om	5	57	50	1.19	
Portishead ...	29.81	50	ESE	7	o	29.54	- 42	45	43	- 3	ESE	8	o	5	55	42	0.07	
Scilly ...																		
Plymouth ...	29.69	51	SE	5	o	29.42	- 49	57	57	0	SE	5	o	*	54	49	1.45	
Hurst Castle ...	29.84	51	ESE	6	o	29.59	- 43	46	46	- 4	SE	6	r	6	57	45	0.52	
Dover ...	30.01	50	SSE	4	b	29.83	- 36	44	39	- 2	ESE	5	bcu	5	52	42	-	
London ...	29.96	50	ESE	3	c	29.76	- 38	45	39	+ 1	SE	6	og	*	54	43	-	
Oxford ...	*	*	*	*	*	29.69	- 37	45	39	0	E	4	o	*	55	45	-	
Cambridge ...	30.00	47	SE	2	o	29.80	- 44	45	40	- 2	SE	4	o	*	54	41	-	
Yarmouth ...	30.07	44	ESE	6	b	29.92	- 30	42	39	0	ESE	6	b	6	44	39	-	
The Helder..	*	*	*	*	*	30.09	- 20	36	32	- 5	E	4	b	*	*	*	-	
Cape Gris Nez	30.00	52	E	3	bc	29.80	- 38	41	36	- 4	ESE	5	o	3	55	36	-	
Brest ...	29.72	55	S	5	r	29.42	- 57	52	50	0	S	4	o	5	?	48	1.22	
L'Orient ...																		
Rochefort ...	29.83	61	Z	0	o	29.49	- 49	54	52	- 1	NW	6	o	4	68	41	0.59	
Biarritz ...	29.84	68	Z	0	o	29.60	- 37	57	54	+ 2	NW	4	r	3	70	53	0.16	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.94	- 30	36	*	+ 1	ESE	6	bc	*	*	*	-	
Charleville ...	*	*	*	*	*	29.81	- 34	42	*	+ 1	SE	3	c	*	*	*	-	
Paris ...	29.98	57	E	4	c	29.74	- 41	42	*	- 3	ESE	4	o	*	*	*	-	
Lyons ...	*	*	*	*	*	29.70	- 45	55	*	+ 9	N	2	c	*	*	*	-	
Toulon ...	29.91	57	W	1	c	29.76	- 20	50	48	- 4	E	3	f	3	64	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	30.39	37	32	SE	6	b	Valencia .....							
Thurso .....							Scilly .....							
Scarborough ...							London .....						*	
Greencastle ...						*	Rochefort ...	29.91	68	59	NW	2	c	2
Holyhead .....														

## EXPLANATION OF COLUMNS.

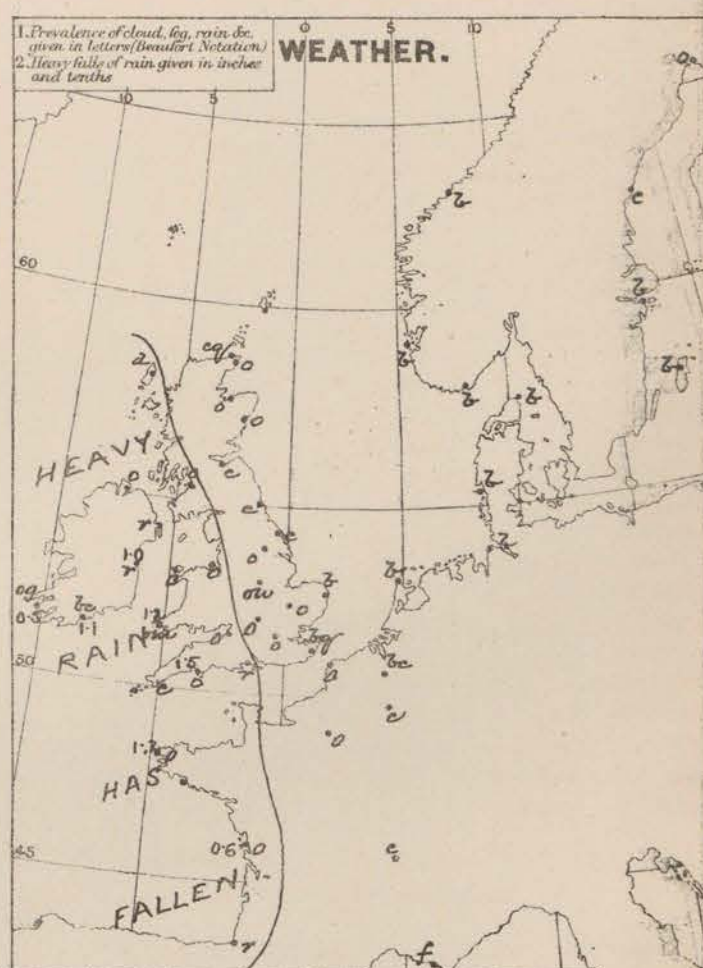
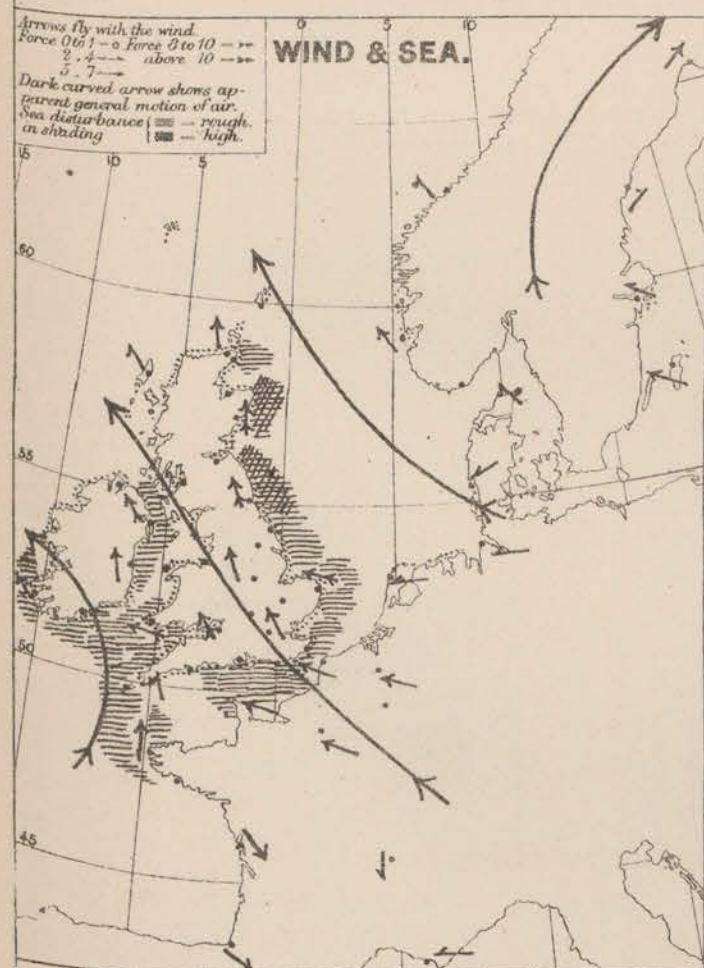
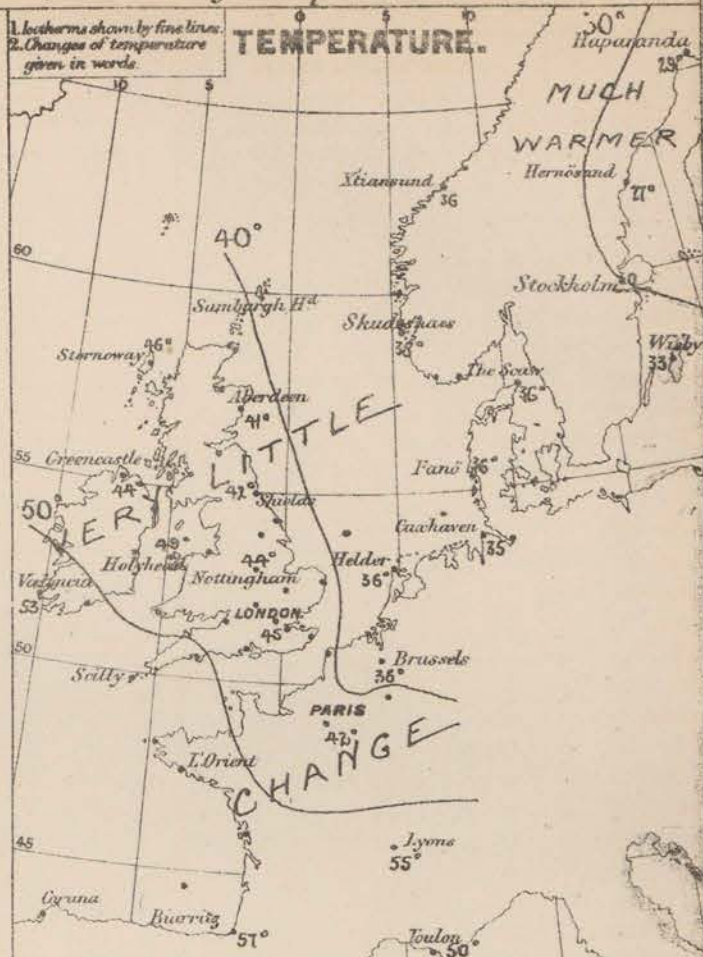
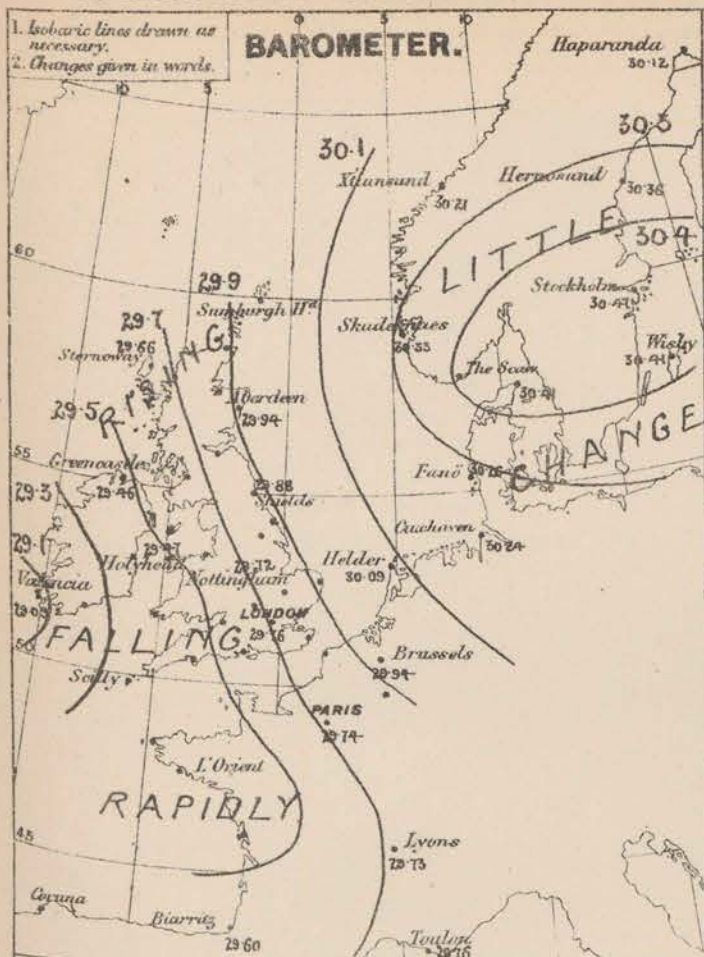
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Mon-day April 16<sup>th</sup> 1877.



Note: A dotted line is drawn round the coast where the signals are up.

**REMARKS.** During the past 24 hrs. the barometer has continued to fall very quickly at the S and W stations, while it has begun to rise a little in the N and NE, so that very steep gradients for SE winds have been formed all over the United Kingdom. The wind has consequently increased to a fresh or strong gale from SE on nearly all our coasts, but especially in the NE of England. At the mouth of the Clyde force 11 has been registered during the night, and force 10 is still blowing this morning. In the extreme N. of Scotland the wind has lulled for the present. Temperature has undergone very little change. Very heavy rain has fallen at our W and SW stations, but no on E. and N. coasts (although the sky is cloudy). The weather remains dry. The weather is very stormy and unsettled, and there is every appearance of the gale increasing especially in the SE and E. The sea is high in the E. rough in the S. moderate elsewhere.

All our coasts were warned yesterday.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 14 per quarter, book post 5 per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

# DAILY WEATHER REPORT APRIL 17<sup>th</sup> 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 ft. 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 320 ft. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.04	33	SW	4	c	30.09	- .03	30	29	+ 1	NE	2	bc	*	*	*	-	
Hernösand ...	30.26	32	SW	2	c	30.21	- .15	38	32	+ 11	NNW	2	c	*	*	*	-	
Stockholm ...	30.31	26	NNE	2	b	30.19	- .28	30	27	0	Z	0	b	*	*	*	-	
Wisby ...	30.30	29	NE	4	b	30.17	- .24	31	28	- 2	ENE	6	b	*	*	*	-	
Christiansund ...	30.27	36	WSW	2	b	30.26	+ .05	38	36	+ 2	SE	1	c	4	40	30	-	
Skudesnaes ...	30.27	39	E	2	b	30.21	- .12	39	36	+ 1	ENE	2	bc	2	43	37	-	
Oxö (Årland) ...	30.30	36	NE	4	b	30.20	- .21	33	29	+ 1	NNE	4	b	2	37	28	-	
Skagen (The Seaw.)	30.26	37	ENE	3	b	30.20	- .21	34	32	- 2	E	3	b	2	48	30	-	
Fanö ...	30.14	35	ENE	4	b	30.03	- .23	36	23	0	ENE	6	b	*	46	32	-	
Cuxhaven ...	30.01	?	E	7	b	29.94	- .00	37	26	+ 2	E	6	b	*	3	34	-	
Sumburgh Head																		
Stornoway	29.75	44	ESE	5	0	30.00	+ .34	46	44	0	SE	4	b	5	47	29	0.07	
Thurso ...	29.94	41	SSE	7	c	30.08	+ .24	42	40	0	SSE	3	bc	3	45	37	-	
Wick ...	29.99	40	SE	7	bc	30.11	+ .18	42	40	0	SE	3	b	6	44	38	-	
Nairn ...	29.91	40	SE	4	bc	30.06	+ .24	41	38	- 2	Z	0	b	1	47	26	-	
Aberdeen ...	30.01	40	SSE	8	bc	30.09	+ .15	43	39	+ 2	SE	4	b	6	45	29	-	
Leith ...	29.90	40	SE	5	b	30.03	+ .23	44	40	+ 2	NNE	3	bc	*	46	37	-	
Shields ...	29.93	40	ESE	8	c	30.00	+ .12	43	38	+ 1	E	7	bc	6	?	?	-	
York ...	29.87	42	E	5	b	29.91	+ .07	42	39	- 1	E	5	b	*	48	35	-	
Scarborough ...	29.91	40	ESE	8	c	29.95	+ .05	42	39	+ 1	E	7	bc	6	42	?	-	
Nottingham ...	29.79	41	SE	6	b	29.80	+ .11	42	38	- 2	ENE	6	c	*	50	37	-	
Ardrossan ...	29.79	45	ESE	5	0	29.98	+ .31	44	39	+ 1	E	4	b	3	50	37	-	
Greencastle ...	29.62	45	SE	5	0	29.88	+ .42	45	41	+ 1	ESE	4	b	*	45	39	-	
Donaghadee ...	29.69	44	SE	8	0	29.92	+ .35	43	41	0	ENE	6	b	6	45	40	0.12	
Kingstown ...	29.53	47	ESE	6	0	29.78	+ .37	44	41	- 3	ESE	6	bc	5	48	40	0.15	
Holyhead ...	29.57	45	E	7	c	29.81	+ .34	43	42	- 6	ENE	6	b	5	49	38	-	
Liverpool (Bidston)	29.68	44	E	6	c	29.82	+ .21	42	37	- 2	ENE	6	b	4	48	38	-	
Valencia ...	29.21	52	E	6	0	29.72	+ .63	44	38	- 9	E	6	bc	5	57	41	0.03	
Roche's Point...	29.33	49	SE	8	0	29.72	+ .50	44	40	- 8	ESE	6	bc	5	53	40	0.41	
Pembroke ...	29.44	45	ESE	8	0	29.67	+ .32	41	37	- 6	E	7	b	4	47	33	0.08	
Portishead ...	29.56	45	ESE	6	0	29.63	+ .09	42	39	- 3	NE	8	c	5	48	35	-	
Scilly ...																		
Plymouth ...	29.42	44	E	6	0	29.57	+ .09	40	37	- 11	ENE	6	b	*	54	36	0.39	
Hurst Castle ...	29.52	48	E	7	0	29.55	- .04	43	43	- 3	E	7	0	6	48	38	0.01	
Dover ...	29.65	45	ESE	6	b	29.60	- .23	42	38	- 2	ESE	8	bc	6	48	?	-	
London ...	29.65	46	ESE	7	cg	29.64	- .12	43	37	- 2	E	8	bc	*	48	38	-	
Oxford ...	*	*	*	*	*	29.67	- .02	41	38	- 4	E	5	0	*	48	36	-	
Cambridge ...	29.75	40	E	4	bc	29.74	- .06	41	38	- 4	ESE	3	bc	*	52	35	-	
Yarmouth ...	29.79	43	E	8	b	29.76	- .16	41	38	- 1	ENE	7	c	6	43	38	-	
The Helder ...	*	*	*	*	*	29.82	- .27	38	36	+ 2	ENE	4	bc	*	*	*	-	
Cape Gris Nez	29.62	43	E	8	bc	29.56	- .24	39	36	- 2	E	8	bc	6	50	34	-	
Brest ...	29.30	57	SSE	3	f	29.28	- .14	37	36	- 15	E	5	0	8	?	34	0.32	
L'Orient ...																		
Rocheport ...	29.40	50	NNW	3	b	29.10	- .39	54	52	0	NNW	4	0	5	44	41	-	
Biarritz ...	29.45	66	ENE	3	c	29.32	- .28	54	50	- 3	WSW	9	7	7	?	48	0.16	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.59	- .35	36	*	0	NE	9	c	*	*	*	-	
Charleville ...	*	*	*	*	*	29.42	- .39	37	*	- 5	ENE	6	bc	*	*	*	-	
Paris ...	29.47	48	E	4	0	29.38	- .36	36	*	- 6	NE	5	0	*	*	*	-	
Lyon ...	*	*	*	*	*	29.29	- .44	53	*	- 2	NE	2	0	*	*	*	-	
Toulon ...	29.42	54	E	4	+	29.21	- .55	50	50	0	NNW	4	0	4	54	48	0.39	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.30	40	36	ESE	4	b	1	Valencia .....	29.15	55	52	E	5	cg	5
Thurso .....	29.88	43	39	SSE	8	cg	5	Scilly .....							
Scarborough ...	29.92	40	38	SE	9	b	6	London .....	29.67	47	43	SE	8	cg	*
Greencastle ...	29.56	45	42	SE	5	o	*	Rocheport ...	29.50	59	55	NNW	5	o	4
Holyhead .....	29.55	47	47	E	5	m	4								

The barometer is rising a little in our Islands - except in the South of England, towards which region a secondary depression is apparently advancing from France. The SE<sup>4</sup> gale is consequently increasing over England, while in Ireland the wind is lulling. In Caithness also it is again blowing hard from SSE. Warning signals are still flying on all our coasts.

## 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.

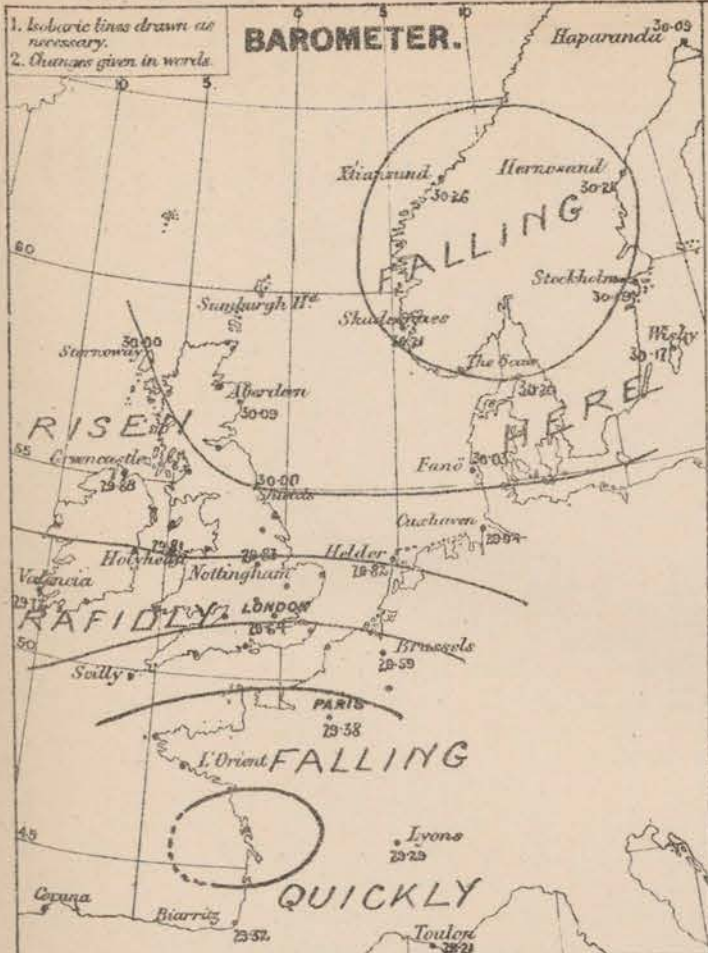
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Tuesday APRIL 17<sup>th</sup> 1877.

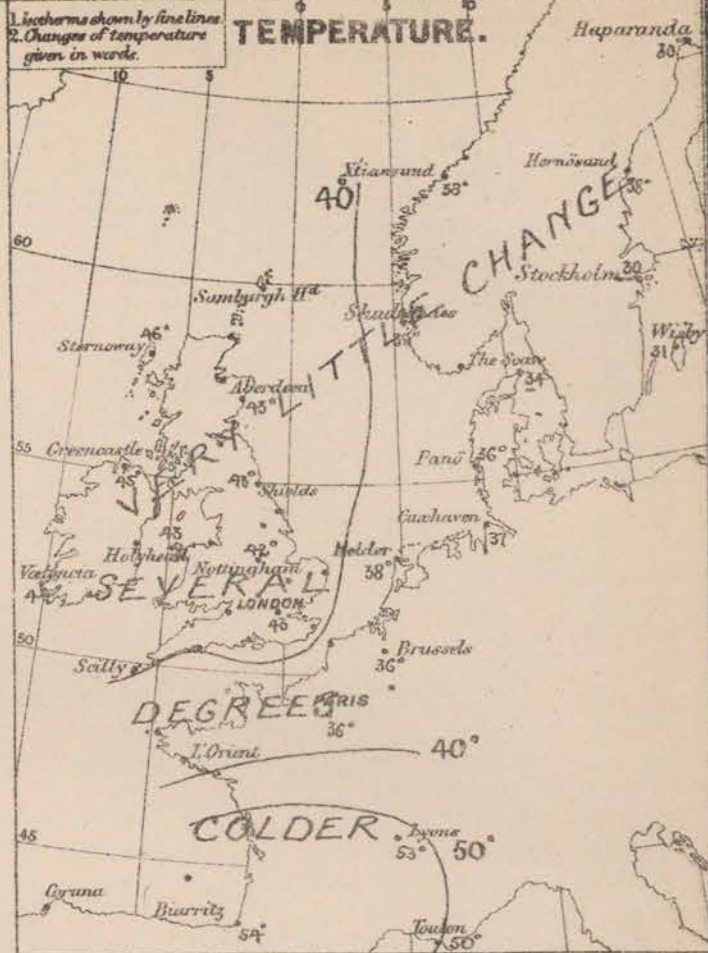
1. Isobaric lines drawn as necessary.
2. Changes given in words.

## BAROMETER.



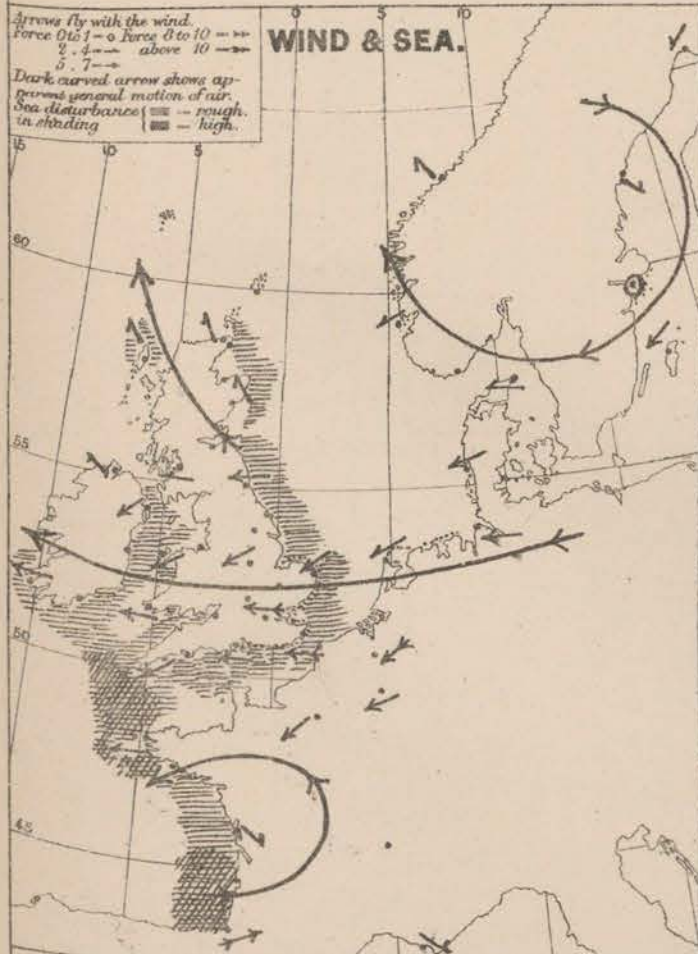
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

## TEMPERATURE.



1. Arrows fly with the wind. Force 0 to 10 as shown in letters; above 10 as shown in numbers.
2. Dark curved arrow shows apparent general motion of air.
3. Sea disturbance: rough in shading, high in solid.

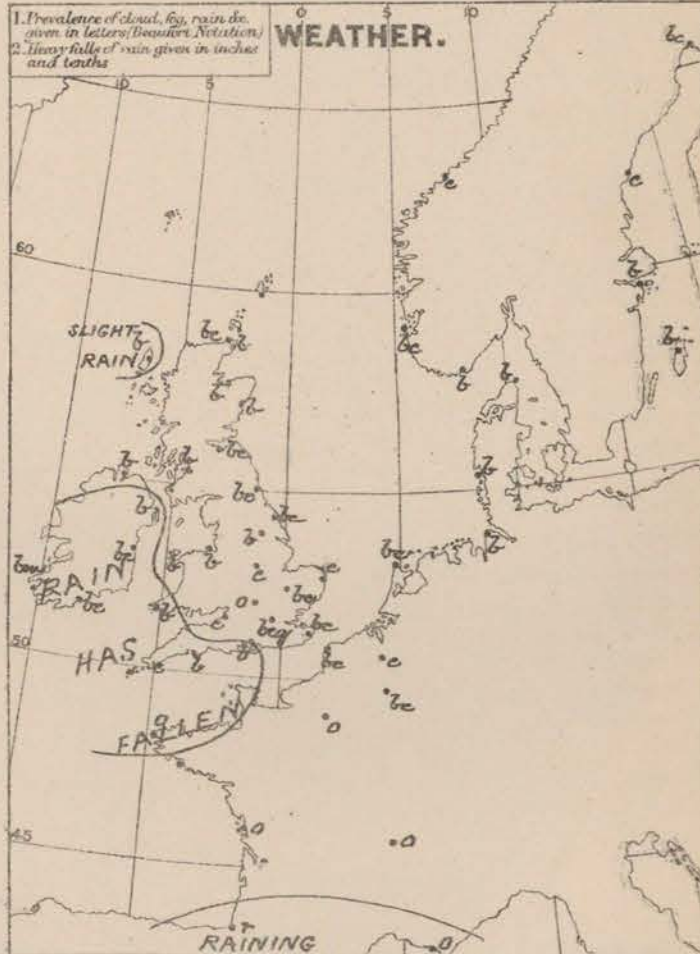
## WIND & SEA.



Note: A dotted line is drawn round the coast, where the signals are still up.

1. Prevalence of cloud, fog, rain, &c. given in letters; (Bogues Notation).
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



## REMARKS.

During the past day the barometer has risen very considerably in Iceland, and to a much smaller extent in Scotland, while it has fallen fast in France, the Netherlands, Denmark and Sweden. Readings have become much more uniform in the N. than they were yesterday, but steep gradients for E. winds are found over the S. of our Islands, the Channel, and N. of France. The wind has consequently backed to the E. or almost all over the coast, and though the gale has lulled in Scotland and Iceland it still blows with considerable strength over the greater part of England, especially in the E. counties, as well as in the N. of France. In the mean time a strong N.W. gale has set in at Biarritz. Temperature has fallen several degrees in the N.W. and S., where it is now low for the time of year. Paris has again fallen in the N.W., but in much smaller quantity than on Sunday. Elsewhere the weather is very dry, although slight showers of hail fell in London this evening. The sea runs high in the Channel, and Bay of Biscay, and is rough on our W. N. and NE. coasts. The warning signals are still up in the E. and S.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

# DAILY WEATHER REPORT APRIL 18<sup>TH</sup> 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 350 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRE.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 15).		Reading at 350 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 15).			Max.	Min.		
Haparanda ...	30.02	32	Z	0	0	29.95	-.14	35	33	+ 5	N	2	0	*	*	*	-	
Hernösand ...	30.13	35	Z	0	0	30.10	-.11	40	36	+ 2	NNW	2	bc	*	*	*	-	
Stockholm ...	30.05	26	NE	4	bc	30.04	-.15	34	30	+ 4	N	2	b	*	*	*	-	
Wisby ...	30.03	31	NE	4	b	30.03	-.14	34	32	+ 3	NE	4	b	*	*	*	-	
Christiansund ...	30.20	29	ENE	2	b	30.17	-.09	38	36	0	E	1	c	2	63	?	-	
Skudesnaes ...	30.08	39	N	2	b	30.07	-.14	44	38	+ 5	ENE	2	b	2	?	39	-	
Oxö (Klansand) ...	30.08	39	NNE	4	b	30.06	-.14	36	33	+ 3	N	4	b	2	39	32	-	
Skagen (The Saaw) ...	30.05	39	NE	3	b	30.04	-.16	39	36	+ 5	Z	0	b	0	48	36	-	
Fanö ...	29.93	34	ENE	4	b	29.90	-.13	37	33	+ 1	ENE	6	b	*	43	28	-	
Cuxhaven ...	29.83	?	E	7	b	29.81	-.13	39	37	+ 2	ESE	6	c	*	*	34	-	
Sumburgh Head																		
Stornoway	29.98	49	ESE	4	b	30.03	+ .03	40	38	- 1	ESE	4	0	5	50	37	-	
Thurso ...	30.09	42	ESE	3	bc	30.07	-.01	42	40	0	E	2	bc	2	49	33	-	
Wick ...	30.10	42	SE	5	b	30.08	-.03	44	40	+ 2	E	4	b	3	53	36	-	
Nairn ...	30.06	43	E	4	b	30.05	-.01	36	33	- 5	Z	0	b	1	57	27	-	
Aberdeen ...	30.05	41	E	4	b	30.04	-.08	43	39	0	ENE	5	b	5	46	39	-	
Leith ...	29.97	40	E	4	b	29.94	-.09	43	39	- 1	E	4	b	*	49	37	-	
Shields ...	29.94	42	E	7	bc	29.87	-.13	43	41	0	ENE	5	bc	6	44	39	-	
York ...	29.85	40	ENE	3	bc	29.79	-.12	40	36	- 2	ENE	2	0	*	?	36	-	
Scarborough ...	29.88	39	ENE	6	c	29.81	-.14	40	38	- 2	E	7	0	6	43	39	-	
Nottingham ...	29.78	39	NE	7	0	29.73	-.10	40	37	- 2	NE	5	0	*	48	37	-	
Ardrossan ...	29.94	44	NE	4	b	29.92	-.06	42	37	- 2	E	4	bc	2	?	36	-	
Greencastle ...	29.88	47	E	3	b	29.89	+ .01	40	37	- 5	ENE	3	0	*	57	37	-	
Donaghadee ...	29.90	44	ESE	6	b	29.87	-.05	40	37	- 3	ESE	7	bc	2	46	38	-	
Kingstown ...	29.83	45	E	4	bc	29.81	+ .03	42	39	- 2	ENE	4	0	4	47	38	0.04	
Holyhead ...	29.80	43	ENE	5	c	29.77	-.04	42	41	- 1	ENE	5	0	4	48	38	-	
Liverpool (Bidston) ...	29.78	40	ENE	5	0	29.76	-.06	40	35	- 2	NE	4	0	3	46	34	-	
Valencia ...	29.78	49	E	4	c	29.82	+ .10	43	38	- 1	NE	2	bc	2	53	36	-	
Roche's Point ...	29.79	46	E	5	bc	29.78	+ .06	40	36	- 4	NE	4	b	4	50	35	-	
Pembroke ...	29.68	45	NE	5	bc	29.72	+ .05	40	37	- 1	NE	3	cm	2	48	36	-	
Portishead ...	29.63	40	NNE	6	0	29.64	+ .01	41	37	- 1	NNE	6	0	4	48	35	0.07	
Seilly ...																		
Plymouth ...	29.79	39	NE	4	b	29.64	+ .13	41	39	+ 1	NNE	3	0	*	49	37	0.02	
Hurst Castle ...	29.52	45	E	6	c	29.57	+ .02	42	41	- 1	NNE	5	0	4	46	36	0.02	
Dover ...	29.49	44	N	7	c	29.57	-.08	43	40	+ 1	ENE	5	c	4	46	42	-	
London ...	29.56	42	NE	5	cp	29.59	-.05	40	38	- 3	NE	3	0	*	46	38	0.11	
Oxford ...	*	*	*	*	*	29.64	-.03	40	38	- 1	NE	2	0	*	46	37	0.02	
Cambridge ...	29.65	41	ENE	4	0	29.64	-.10	40	36	- 1	NE	3	0	*	47	36	0.05	
Yarmouth ...	29.65	42	ENE	9	c	29.63	-.13	40	37	- 1	E	8	c	6	43	38	-	
The Helder ...	*	*	*	*	*	29.64	-.18	38	35	0	ENE	5	c	*	*	*	-	
Cape Gris Nez	29.46	43	E	9	0	29.57	-.05	41	37	+ 2	E	6	b	4	45	34	-	
Brest ...	29.50	50	NE	3	bc	29.62	+ .34	43	39	+ 6	N	4	c	5	?	36	0.20	
L'Orient ...	29.39	57	NE	4	mv	29.58	+ .35	41	39	+ 5	N	5	no	5	43	34	0.04	
Rochefort ...	29.15	52	N	5	T	29.41	+ .31	45	43	- 9	NNW	9	T	8	55	41	-	
Biarritz ...	29.42	57	N	7	T	29.60	+ .28	50	48	- 4	NNW	8	T	8	57	41	0.83	
Corunna ...	*	*	*	*	*				*					*	*	*	*	
Brussels ...	*	*	*	*	*	29.49	-.10	37	*	+ 1	ENE	6	c	*	*	*	-	
Charleville ...	*	*	*	*	*	29.34	-.08	41	*	+ 4	ENE	3	c	*	*	*	*	
Paris ...	29.29	44	ENE	5	0	29.35	-.03	40	*	+ 4	ENE	4	0	*	*	*	0.08	
Lyons ...	*	*	*	*	*	29.29	-.00	54	*	+ 1	NN	2	c	*	*	*	*	
Toulon ...	29.26	54	NN	5	c	29.32	+ .11	45	41	- 5	NN	5	bc	6	59	7	0.04	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.14	43	37	NN	4	bc	2	Valencia .....	29.79	57	44	E	4	bc	4
Thurso .....	30.10	47	41	SSE	4	bc	3	Seilly .....							
Scarborough ...	29.92	40	37	ENE	7	bc	6	London .....	29.60	44	40	E	8	29	*
Greencastle ...	29.91	48	44	E	3	b	*	Rochefort ...	29.10	50	48	NE	4	0	5
Holyhead .....	29.91	47	46	ENE	6	bc	5								

The barometer continues to fall slowly in the E. and S. but the rise reported in the N. and N. this morning seems to have almost ceased. The wind is still subsiding in the N. but shows little change elsewhere.

## EXPLANATION OF COLUMNS.

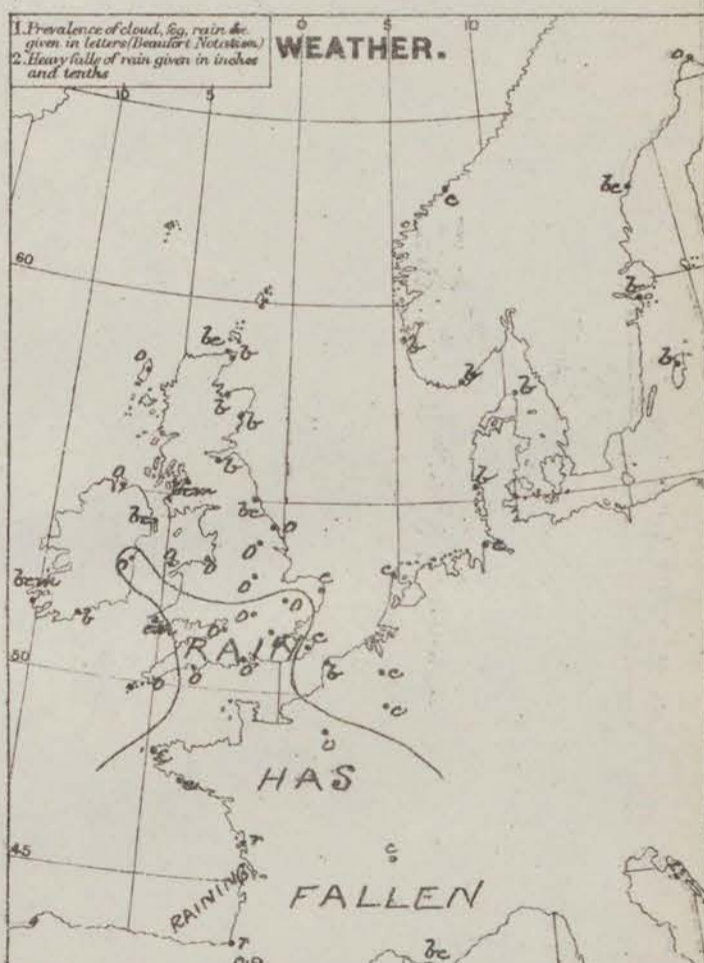
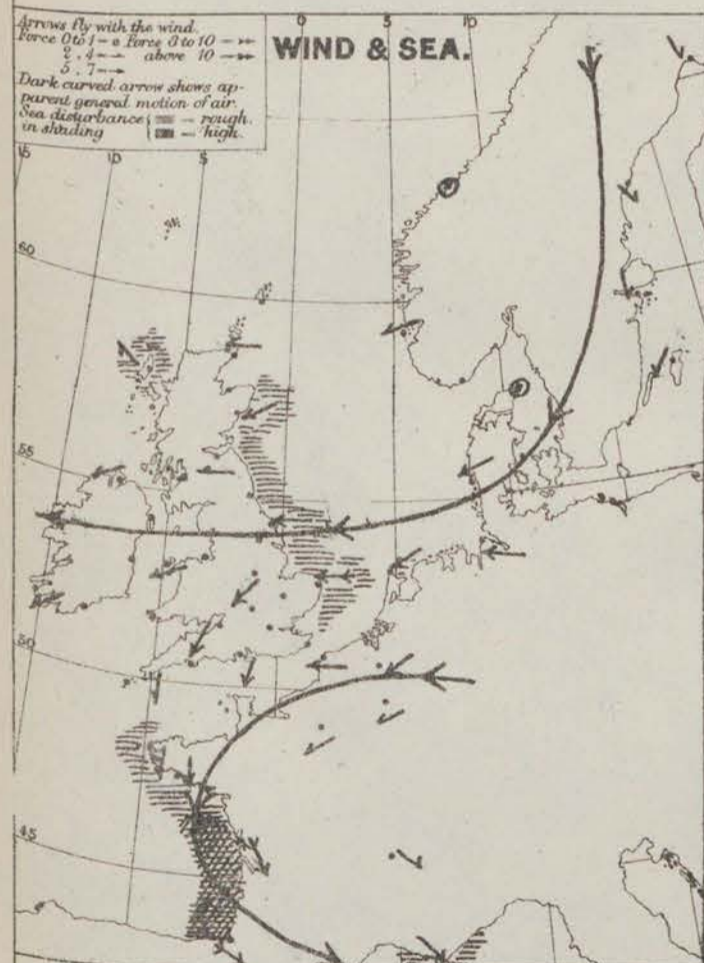
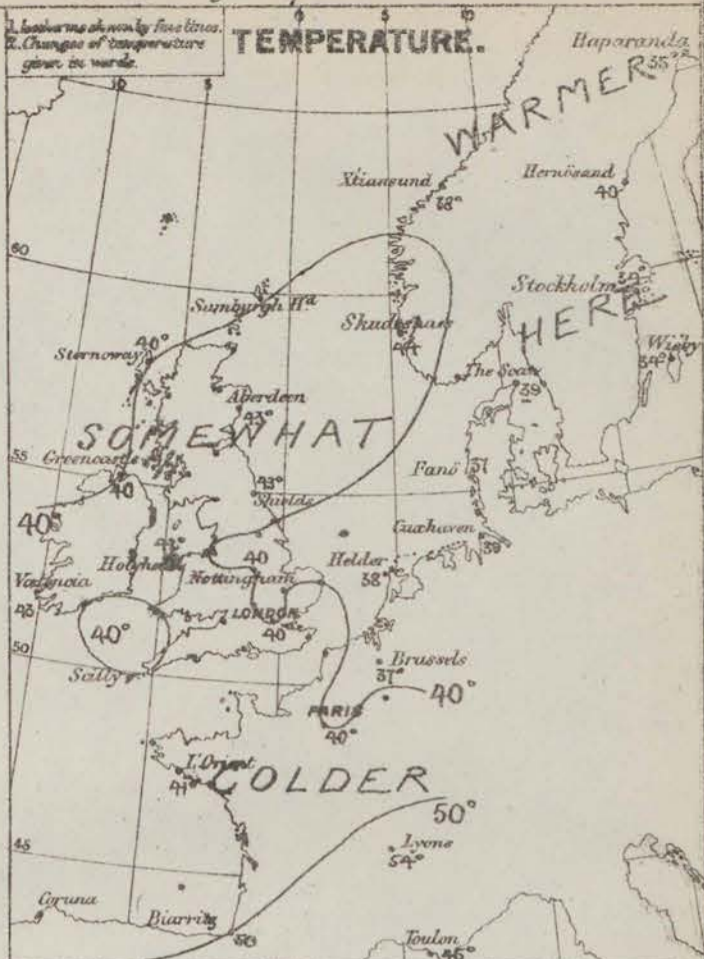
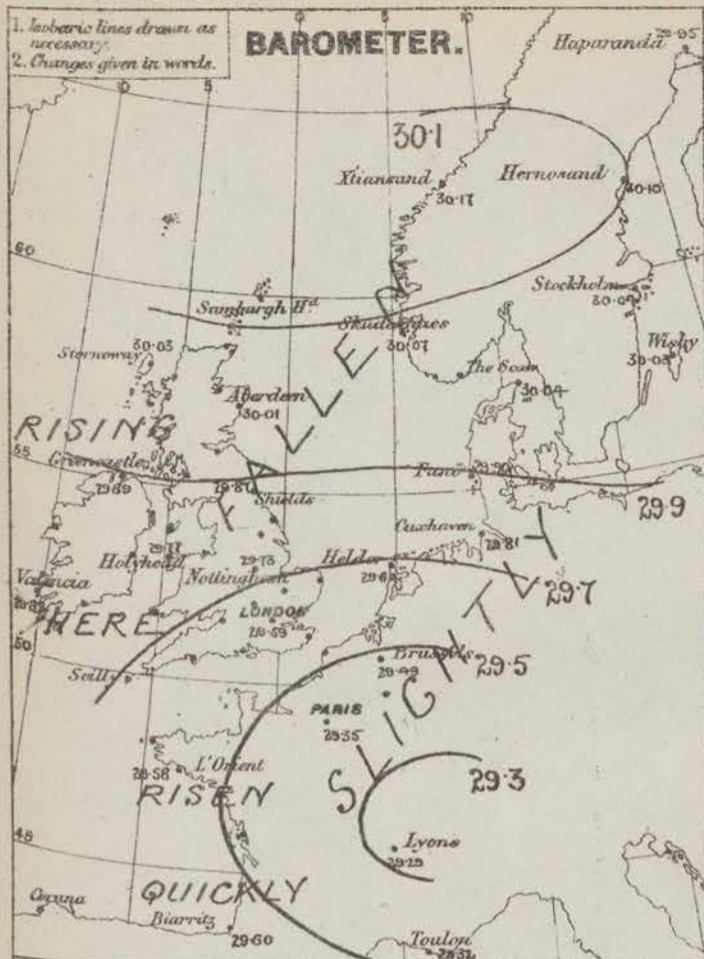
**WEATHER.**—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Wednesday April 18<sup>th</sup> 1877.



**REMARKS.** A further but slight fall of the barometer has taken place at the E and SE stations since yesterday, whereas in the W and N the tendency has been to rise somewhat. Pressure is still highest in the N. The centre of a well formed depression now lies over the E. of France, and the barometer is rising quickly in the SW and S. Departments. E to NW winds prevail very generally. The former are strong over the North Sea and England, while the latter are moderate in Scotland and Ireland. In the S. portions of the Bay of Biscay a NW gale is reported, and NW winds of less strength in the S and SE of France. Temperature has again fallen at the English and Irish stations, and is now remarkably uniform. The barometer stands at 40 this morning at our base and the French stations. Rain has fallen in the S and SE where the sky remains very cloudy. In the W, N and NE the weather is fine and dry. The sea is still very rough along our E. coast, moderate in the Channel, high in the Bay of Biscay.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

Longerfield, 22 Bedford St., Covent Garden.

# DAILY WEATHER REPORT APRIL 19<sup>th</sup> 1877.

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.	
			Dirco.	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.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.90	35	Z	0	0	30.26	+ .31	21	19	- 14	Z	0	0	*	*	*	-	
Hernösand ...	29.99	42	N	2	b	30.08	- .02	37	36	- 3	E	6	0	*	*	*	-	
Stockholm ...	29.94	37	Z	0	b	29.85	- .19	40	37	+ 6	N	4	0	*	*	*	-	
Wisby ...	30.01	32	NE	4	b	29.89	- .14	35	32	+ 1	NE	4	0	*	*	*	-	
Christiansund ...	30.14	40	NE	4	b	30.13	- .04	41	39	+ 3	ENE	3	b	2	46	34	-	
Skudesnaes ...	30.03	43	NNE	2	b	30.06	- .01	45	39	+ 1	ENE	1	b	2	?	43	-	
Oxö (Xtiansand) ...	30.03	41	NE	4	b	30.02	- .04	37	33	+ 1	NNW	4	b	2	41	34	-	
Skagen (The Saaw) ...	29.99	41	ENE	3	b	29.99	- .05	39	37	0	NNW	2	b	0	50	34	-	
Fanö ...	29.91	36	ENE	4	b	29.94	+ .04	42	37	+ 5	NE	2	b	*	48	30	-	
Cuxhaven ...	29.79	?	E	7	c	29.90	+ .09	38	37	- 1	ENE	4	b	*	*	36	-	
Sumburgh Head ...																		
Stornoway ...	30.02	47	ENE	2	b	30.12	+ .09	44	41	+ 4	ESE	1	b	2	48	29	-	
Thurso ...	30.08	44	ESE	2	b	30.14	+ .07	37	37	- 5	Z	0	f	1	52	26	-	
Wick ...	29.98	42	E	2	b	30.16	+ .08	37	37	- 7	Z	0	f	2	52	26	-	
Nairn ...	30.02	44	E	2	b	30.15	+ .10	36	34	0	Z	0	b	1	47	27	-	
Aberdeen ...	30.03	43	ENE	4	b	30.10	+ .09	41	38	- 2	N	3	b	4	46	32	-	
Leith ...	29.96	42	E	5	c	30.10	+ .16	46	43	+ 3	E	3	b	*	49	38	-	
Shields ...	29.93	42	E	5	b	30.07	+ .20	44	42	+ 1	ENE	3	b	5	44	39	-	
York ...	29.85	44	ENE	3	0	30.02	+ .23	43	39	+ 3	NE	2	c	*	43	38	0.01	
Scarborough ...	29.87	44	E	5	b	30.03	+ .22	45	41	+ 5	ENE	4	b	4	46	39	-	
Nottingham ...	29.80	39	NE	3	x	29.98	+ .18	41	38	+ 1	NE	5	0	*	42	37	0.02	
Ardrossan ...	29.93	44	ENE	4	c	30.10	+ .18	44	39	+ 2	E	2	b	1	57	35	-	
Greencastle ...	29.89	47	NE	3	b	30.07	+ .18	43	40	+ 3	E	2	b	*	57	33	-	
Donaghadee ...	29.89	44	E	5	b	30.07	+ .20	43	39	+ 3	NE	5	b	4	49	38	-	
Kingstown ...	29.85	44	ENE	4	0	30.05	+ .24	44	40	+ 2	NE	4	0	3	44	40	0.04	
Holyhead ...	29.82	43	ENE	4	0	30.04	+ .24	43	43	+ 1	NE	5	0	4	45	40	-	
Liverpool (Bidston) ...	29.82	41	NE	3	0	30.04	+ .25	42	38	+ 2	NE	2	0	2	42	39	-	
Valencia ...	29.88	47	N	4	b	30.07	+ .25	45	41	+ 2	Z	0	b	2	50	39	-	
Roche's Point... ..	29.85	44	NE	3	b	30.03	+ .25	43	39	+ 3	NE	3	b	3	49	37	0.09	
Pembroke ...	29.75	43	NE	3	0	29.96	+ .24	42	39	+ 2	NE	4	0	2	46	38	-	
Portishead ...	29.70	42	NNE	4	0	29.89	+ .25	42	40	+ 1	NNE	5	0	3	44	38	-	
Scilly ...																		
Plymouth ...	29.70	43	N	2	0	29.88	+ .24	44	42	+ 3	NE	3	0	*	48	40	-	
Hurst Castle ...	29.65	44	NE	5	0	29.84	+ .27	44	43	+ 2	NE	5	0	3	44	38	0.09	
Dover ...	29.58	44	ENE	5	c	29.78	+ .26	43	39	0	NE	5	b	3	45	41	0.02	
London ...	29.66	42	NE	3	0	29.86	+ .27	43	39	+ 3	NE	5	0	*	43	40	0.03	
Oxford ...	*	*	*	*	*	29.90	+ .26	42	39	+ 2	NE	2	0	*	44	39	-	
Cambridge ...	29.69	40	NNE	2	0	29.92	+ .28	42	39	+ 2	NE	2	0	*	44	39	-	
Yarmouth ...	29.67	42	ENE	7	c	29.88	+ .25	41	38	+ 1	ENE	5	c	5	42	38	-	
The Helder ...	*	*	*	*	*	29.86	+ .22	40	37	+ 2	NE	3	b	*	*	*	-	
Cape Gris Nez ...	29.57	41	ENE	7	0	29.77	+ .26	41	37	0	ENE	6	0	5	46	37	0.08	
Brest ...	29.71	50	N	4	0	29.86	+ .24	43	39	0	NNE	3	0	3	?	37	0.12	
L'Orient ...	29.71	41	?	5	x	29.83	+ .25	43	39	+ 2	?	4	m	4	48	39	0.04	
Rochefort ...	29.84	50	NNW	8	x	29.71	+ .30	46	43	+ 1	NNW	5	c	5	61	37	?	
Biarritz ...	29.69	45	N	6	x	29.78	+ .18	48	43	- 2	NNW	4	x	5	?	41	0.20	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.71	+ .22	36	*	- 1	ENE	6	b	*	*	*	0.06	
Charleville ...	*	*	*	*	*	?	?	40	*	- 1	?	3	c	*	*	*	*	
Paris ...	29.45	46	NE	4	0	29.63	+ .28	40	*	0	ENE	3	x	*	*	*	0.08	
Lyons ...	*	*	*	*	*	29.57	+ .28	48	*	- 6	?	?	x	*	*	*	*	
Toulon ...	29.38	43	WN	6	x	29.40	+ .11	41	39	- 4	NN	5	c	6	50	41	0.12	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	30.04	49	?	NNW	4	b	Valencia ...	29.86	49	42	N	2	b
Thurso ...	30.07	50	43	ENE	3	b	Scilly ...						
Scarborough ...	29.84	40	39	ENE	6	m	London ...	29.62	43	40	NE	3	0
Greencastle ...	29.90	49	45	ENE	3	b	Rochefort ...	29.50	46	45	NN	8	0
Holyhead ...	29.79	43	43	ENE	5	0							

*No important change. The gale on the East coast is still subsiding slowly.*

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; o. 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.

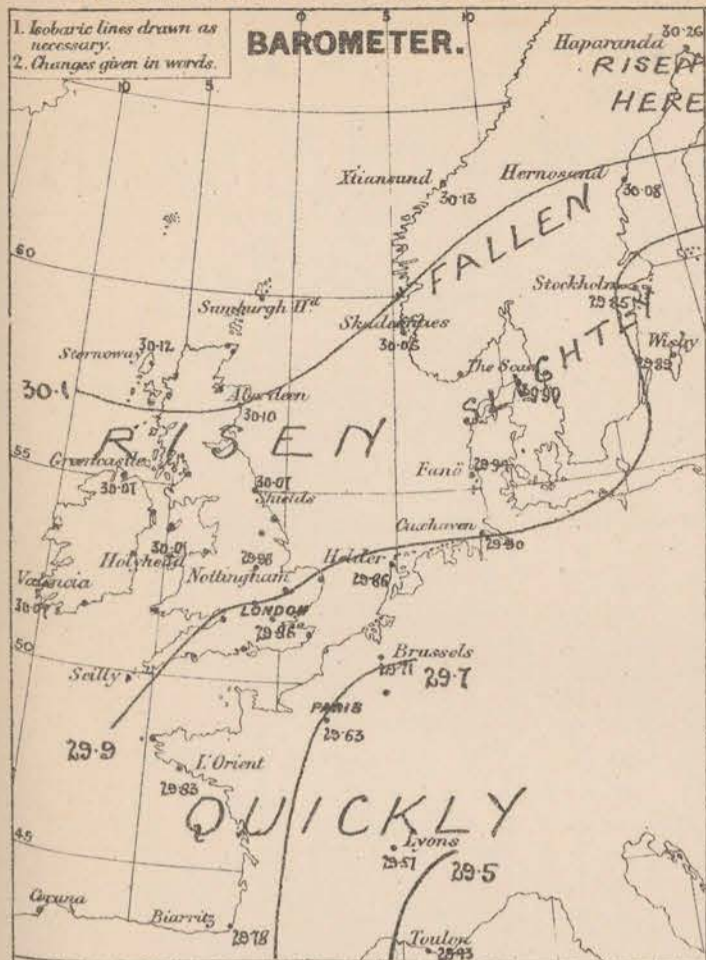
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Thursday April 19<sup>th</sup> 1877.

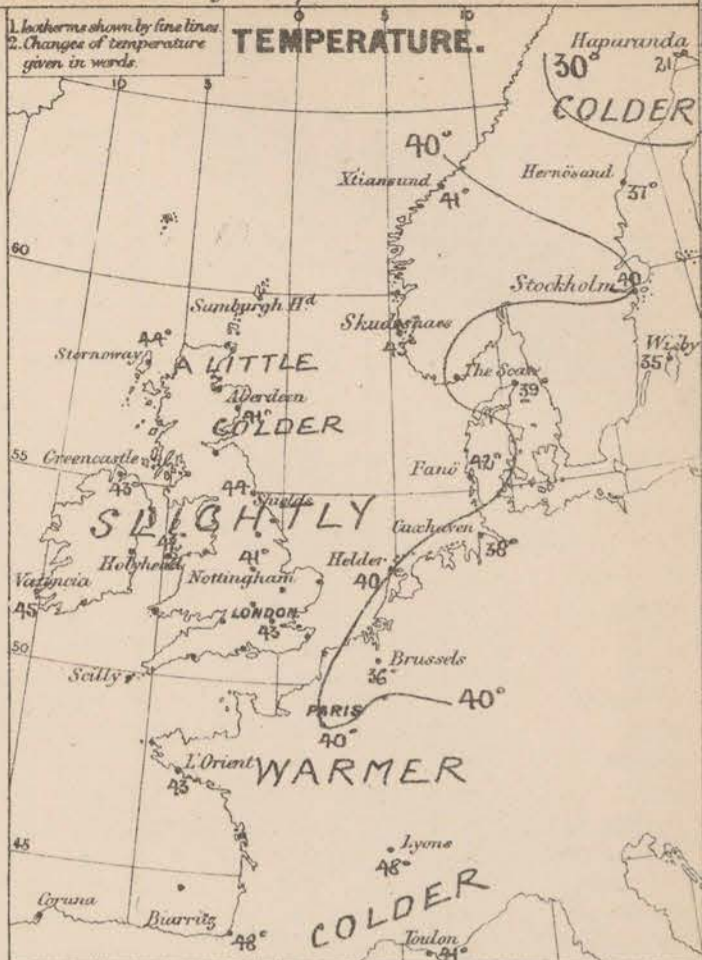
1. Isobaric lines drawn as necessary.
2. Changes given in words.

## BAROMETER.



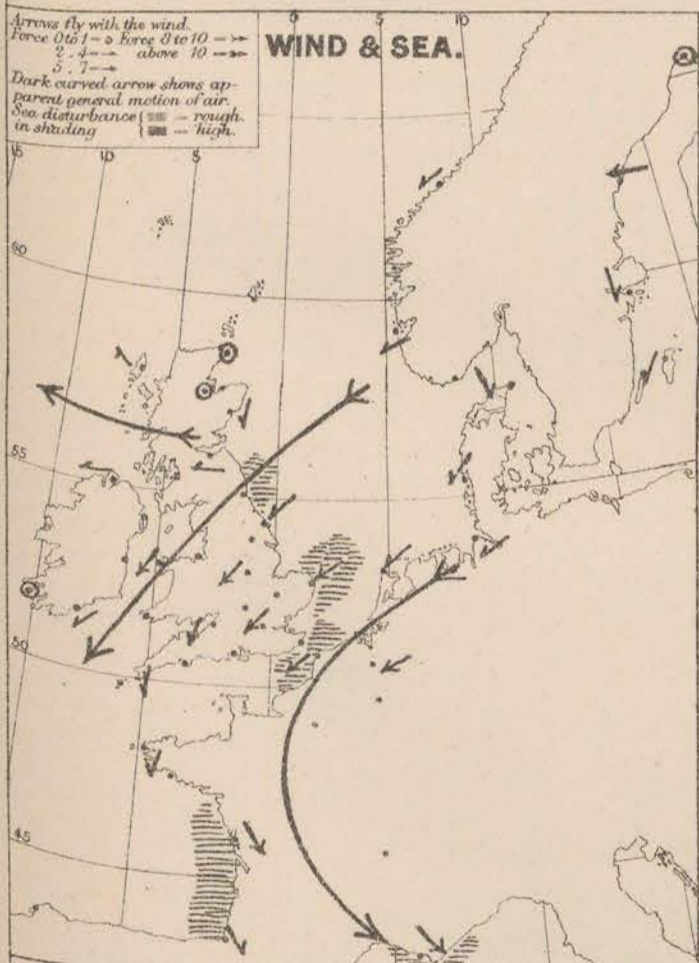
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

## TEMPERATURE.



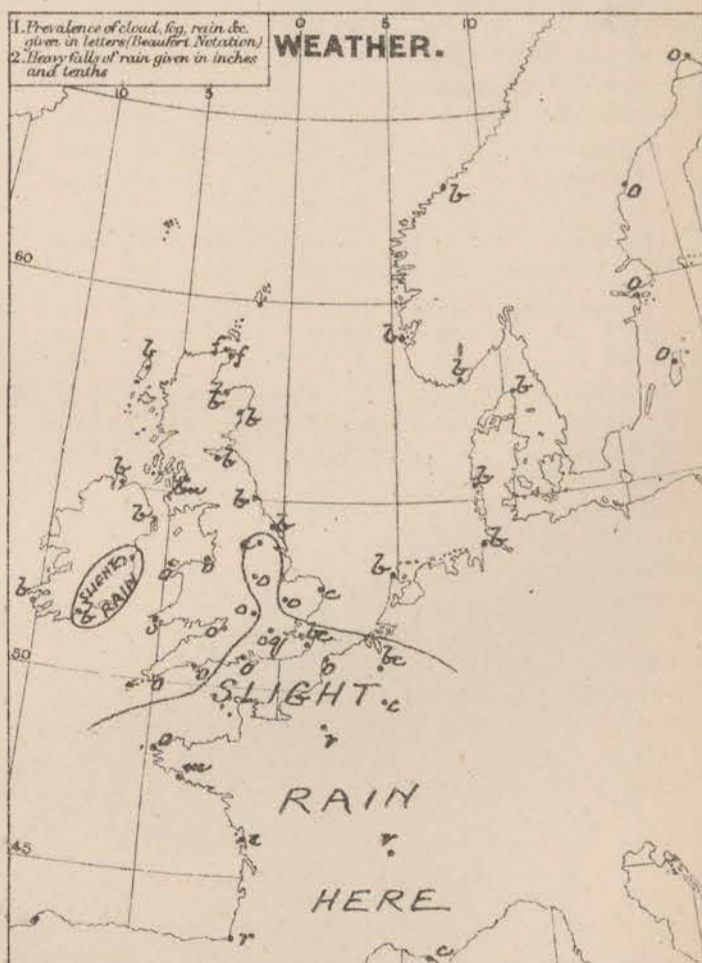
1. Arrows fly with the wind.
2. Force 0 to 10 — 10 — 20 — 30 — 40 — 50 — 60 — 70 — 80 — 90 — 100 — 110 — 120 — 130 — 140 — 150 — 160 — 170 — 180 — 190 — 200 — 210 — 220 — 230 — 240 — 250 — 260 — 270 — 280 — 290 — 300 — 310 — 320 — 330 — 340 — 350 — 360 — 370 — 380 — 390 — 400 — 410 — 420 — 430 — 440 — 450 — 460 — 470 — 480 — 490 — 500 — 510 — 520 — 530 — 540 — 550 — 560 — 570 — 580 — 590 — 600 — 610 — 620 — 630 — 640 — 650 — 660 — 670 — 680 — 690 — 700 — 710 — 720 — 730 — 740 — 750 — 760 — 770 — 780 — 790 — 800 — 810 — 820 — 830 — 840 — 850 — 860 — 870 — 880 — 890 — 900 — 910 — 920 — 930 — 940 — 950 — 960 — 970 — 980 — 990 — 1000 — 1010 — 1020 — 1030 — 1040 — 1050 — 1060 — 1070 — 1080 — 1090 — 1100 — 1110 — 1120 — 1130 — 1140 — 1150 — 1160 — 1170 — 1180 — 1190 — 1200 — 1210 — 1220 — 1230 — 1240 — 1250 — 1260 — 1270 — 1280 — 1290 — 1300 — 1310 — 1320 — 1330 — 1340 — 1350 — 1360 — 1370 — 1380 — 1390 — 1400 — 1410 — 1420 — 1430 — 1440 — 1450 — 1460 — 1470 — 1480 — 1490 — 1500 — 1510 — 1520 — 1530 — 1540 — 1550 — 1560 — 1570 — 1580 — 1590 — 1600 — 1610 — 1620 — 1630 — 1640 — 1650 — 1660 — 1670 — 1680 — 1690 — 1700 — 1710 — 1720 — 1730 — 1740 — 1750 — 1760 — 1770 — 1780 — 1790 — 1800 — 1810 — 1820 — 1830 — 1840 — 1850 — 1860 — 1870 — 1880 — 1890 — 1900 — 1910 — 1920 — 1930 — 1940 — 1950 — 1960 — 1970 — 1980 — 1990 — 2000 — 2010 — 2020 — 2030 — 2040 — 2050 — 2060 — 2070 — 2080 — 2090 — 2100 — 2110 — 2120 — 2130 — 2140 — 2150 — 2160 — 2170 — 2180 — 2190 — 2200 — 2210 — 2220 — 2230 — 2240 — 2250 — 2260 — 2270 — 2280 — 2290 — 2300 — 2310 — 2320 — 2330 — 2340 — 2350 — 2360 — 2370 — 2380 — 2390 — 2400 — 2410 — 2420 — 2430 — 2440 — 2450 — 2460 — 2470 — 2480 — 2490 — 2500 — 2510 — 2520 — 2530 — 2540 — 2550 — 2560 — 2570 — 2580 — 2590 — 2600 — 2610 — 2620 — 2630 — 2640 — 2650 — 2660 — 2670 — 2680 — 2690 — 2700 — 2710 — 2720 — 2730 — 2740 — 2750 — 2760 — 2770 — 2780 — 2790 — 2800 — 2810 — 2820 — 2830 — 2840 — 2850 — 2860 — 2870 — 2880 — 2890 — 2900 — 2910 — 2920 — 2930 — 2940 — 2950 — 2960 — 2970 — 2980 — 2990 — 3000 — 3010 — 3020 — 3030 — 3040 — 3050 — 3060 — 3070 — 3080 — 3090 — 3100 — 3110 — 3120 — 3130 — 3140 — 3150 — 3160 — 3170 — 3180 — 3190 — 3200 — 3210 — 3220 — 3230 — 3240 — 3250 — 3260 — 3270 — 3280 — 3290 — 3300 — 3310 — 3320 — 3330 — 3340 — 3350 — 3360 — 3370 — 3380 — 3390 — 3400 — 3410 — 3420 — 3430 — 3440 — 3450 — 3460 — 3470 — 3480 — 3490 — 3500 — 3510 — 3520 — 3530 — 3540 — 3550 — 3560 — 3570 — 3580 — 3590 — 3600 — 3610 — 3620 — 3630 — 3640 — 3650 — 3660 — 3670 — 3680 — 3690 — 3700 — 3710 — 3720 — 3730 — 3740 — 3750 — 3760 — 3770 — 3780 — 3790 — 3800 — 3810 — 3820 — 3830 — 3840 — 3850 — 3860 — 3870 — 3880 — 3890 — 3900 — 3910 — 3920 — 3930 — 3940 — 3950 — 3960 — 3970 — 3980 — 3990 — 4000 — 4010 — 4020 — 4030 — 4040 — 4050 — 4060 — 4070 — 4080 — 4090 — 4100 — 4110 — 4120 — 4130 — 4140 — 4150 — 4160 — 4170 — 4180 — 4190 — 4200 — 4210 — 4220 — 4230 — 4240 — 4250 — 4260 — 4270 — 4280 — 4290 — 4300 — 4310 — 4320 — 4330 — 4340 — 4350 — 4360 — 4370 — 4380 — 4390 — 4400 — 4410 — 4420 — 4430 — 4440 — 4450 — 4460 — 4470 — 4480 — 4490 — 4500 — 4510 — 4520 — 4530 — 4540 — 4550 — 4560 — 4570 — 4580 — 4590 — 4600 — 4610 — 4620 — 4630 — 4640 — 4650 — 4660 — 4670 — 4680 — 4690 — 4700 — 4710 — 4720 — 4730 — 4740 — 4750 — 4760 — 4770 — 4780 — 4790 — 4800 — 4810 — 4820 — 4830 — 4840 — 4850 — 4860 — 4870 — 4880 — 4890 — 4900 — 4910 — 4920 — 4930 — 4940 — 4950 — 4960 — 4970 — 4980 — 4990 — 5000 — 5010 — 5020 — 5030 — 5040 — 5050 — 5060 — 5070 — 5080 — 5090 — 5100 — 5110 — 5120 — 5130 — 5140 — 5150 — 5160 — 5170 — 5180 — 5190 — 5200 — 5210 — 5220 — 5230 — 5240 — 5250 — 5260 — 5270 — 5280 — 5290 — 5300 — 5310 — 5320 — 5330 — 5340 — 5350 — 5360 — 5370 — 5380 — 5390 — 5400 — 5410 — 5420 — 5430 — 5440 — 5450 — 5460 — 5470 — 5480 — 5490 — 5500 — 5510 — 5520 — 5530 — 5540 — 5550 — 5560 — 5570 — 5580 — 5590 — 5600 — 5610 — 5620 — 5630 — 5640 — 5650 — 5660 — 5670 — 5680 — 5690 — 5700 — 5710 — 5720 — 5730 — 5740 — 5750 — 5760 — 5770 — 5780 — 5790 — 5800 — 5810 — 5820 — 5830 — 5840 — 5850 — 5860 — 5870 — 5880 — 5890 — 5900 — 5910 — 5920 — 5930 — 5940 — 5950 — 5960 — 5970 — 5980 — 5990 — 6000 — 6010 — 6020 — 6030 — 6040 — 6050 — 6060 — 6070 — 6080 — 6090 — 6100 — 6110 — 6120 — 6130 — 6140 — 6150 — 6160 — 6170 — 6180 — 6190 — 6200 — 6210 — 6220 — 6230 — 6240 — 6250 — 6260 — 6270 — 6280 — 6290 — 6300 — 6310 — 6320 — 6330 — 6340 — 6350 — 6360 — 6370 — 6380 — 6390 — 6400 — 6410 — 6420 — 6430 — 6440 — 6450 — 6460 — 6470 — 6480 — 6490 — 6500 — 6510 — 6520 — 6530 — 6540 — 6550 — 6560 — 6570 — 6580 — 6590 — 6600 — 6610 — 6620 — 6630 — 6640 — 6650 — 6660 — 6670 — 6680 — 6690 — 6700 — 6710 — 6720 — 6730 — 6740 — 6750 — 6760 — 6770 — 6780 — 6790 — 6800 — 6810 — 6820 — 6830 — 6840 — 6850 — 6860 — 6870 — 6880 — 6890 — 6900 — 6910 — 6920 — 6930 — 6940 — 6950 — 6960 — 6970 — 6980 — 6990 — 7000 — 7010 — 7020 — 7030 — 7040 — 7050 — 7060 — 7070 — 7080 — 7090 — 7100 — 7110 — 7120 — 7130 — 7140 — 7150 — 7160 — 7170 — 7180 — 7190 — 7200 — 7210 — 7220 — 7230 — 7240 — 7250 — 7260 — 7270 — 7280 — 7290 — 7300 — 7310 — 7320 — 7330 — 7340 — 7350 — 7360 — 7370 — 7380 — 7390 — 7400 — 7410 — 7420 — 7430 — 7440 — 7450 — 7460 — 7470 — 7480 — 7490 — 7500 — 7510 — 7520 — 7530 — 7540 — 7550 — 7560 — 7570 — 7580 — 7590 — 7600 — 7610 — 7620 — 7630 — 7640 — 7650 — 7660 — 7670 — 7680 — 7690 — 7700 — 7710 — 7720 — 7730 — 7740 — 7750 — 7760 — 7770 — 7780 — 7790 — 7800 — 7810 — 7820 — 7830 — 7840 — 7850 — 7860 — 7870 — 7880 — 7890 — 7900 — 7910 — 7920 — 7930 — 7940 — 7950 — 7960 — 7970 — 7980 — 7990 — 8000 — 8010 — 8020 — 8030 — 8040 — 8050 — 8060 — 8070 — 8080 — 8090 — 8100 — 8110 — 8120 — 8130 — 8140 — 8150 — 8160 — 8170 — 8180 — 8190 — 8200 — 8210 — 8220 — 8230 — 8240 — 8250 — 8260 — 8270 — 8280 — 8290 — 8300 — 8310 — 8320 — 8330 — 8340 — 8350 — 8360 — 8370 — 8380 — 8390 — 8400 — 8410 — 8420 — 8430 — 8440 — 8450 — 8460 — 8470 — 8480 — 8490 — 8500 — 8510 — 8520 — 8530 — 8540 — 8550 — 8560 — 8570 — 8580 — 8590 — 8600 — 8610 — 8620 — 8630 — 8640 — 8650 — 8660 — 8670 — 8680 — 8690 — 8700 — 8710 — 8720 — 8730 — 8740 — 8750 — 8760 — 8770 — 8780 — 8790 — 8800 — 8810 — 8820 — 8830 — 8840 — 8850 — 8860 — 8870 — 8880 — 8890 — 8900 — 8910 — 8920 — 8930 — 8940 — 8950 — 8960 — 8970 — 8980 — 8990 — 9000 — 9010 — 9020 — 9030 — 9040 — 9050 — 9060 — 9070 — 9080 — 9090 — 9100 — 9110 — 9120 — 9130 — 9140 — 9150 — 9160 — 9170 — 9180 — 9190 — 9200 — 9210 — 9220 — 9230 — 9240 — 9250 — 9260 — 9270 — 9280 — 9290 — 9300 — 9310 — 9320 — 9330 — 9340 — 9350 — 9360 — 9370 — 9380 — 9390 — 9400 — 9410 — 9420 — 9430 — 9440 — 9450 — 9460 — 9470 — 9480 — 9490 — 9500 — 9510 — 9520 — 9530 — 9540 — 9550 — 9560 — 9570 — 9580 — 9590 — 9600 — 9610 — 9620 — 9630 — 9640 — 9650 — 9660 — 9670 — 9680 — 9690 — 9700 — 9710 — 9720 — 9730 — 9740 — 9750 — 9760 — 9770 — 9780 — 9790 — 9800 — 9810 — 9820 — 9830 — 9840 — 9850 — 9860 — 9870 — 9880 — 9890 — 9900 — 9910 — 9920 — 9930 — 9940 — 9950 — 9960 — 9970 — 9980 — 9990 — 10000

## WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (Beaufort Notation).
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** The rise of the barometer noticed in the W. and N. yesterday has extended to all parts of W. Europe, and has been greater at the S. stations than elsewhere. Readings now vary from 30.26 in. in the N. of Sweden, and 30.15 in. on our west N. coasts to 29.43 in. at Toulon, the resulting gradients for NE. winds being steepest in the SE. & S. Light to moderate breezes from this quarter are consequently blowing at the Scotch and Irish stations, with fresh to strong winds in England and the Channel, while fresh N. breezes are reported in the Bay of Biscay, and NW. in the S. of France. All the gales recently reported have died down. Temperature has risen slightly except in the NE. of Scotland, but is still low. Rain has fallen at all the S. stations, and continues in several parts of France. Over the greater part of England the sky remains overcast, but in Ireland, N. Britain, and Scandinavia very fine clear weather prevails. The sea is going down gradually, but is still rough at the S. and SE. stations.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office.  
116, Victoria Street, Westminster, S. W.

R. H. SCOTT.  
Director.

# DAILY WEATHER REPORT

APRIL 20<sup>TH</sup> 1877.

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 ...	30.45	19	Z	0	b	30.58	+ .32	12	10	- 9	N E	2	b	*	*	*	-	
Hernösand ...	30.00	25	E N E	6	b	30.50	+ .42	20	20	- 17	N E	6	b	*	*	*	-	
Stockholm ...	30.04	29	N N E	8	o	30.57	+ .72	23	20	- 17	N N E	6	b	*	*	*	-	
Wisby ...	29.92	33	N N E	8	s	30.47	+ .58	30	28	- 5	N N E	8	o	*	*	*	-	
Christiansund ...	30.10	40	N E	3	b	30.18	+ .05	44	39	+ 3	E S E	2	b	2	45	30	-	
Skudesnaes ...	30.16	37	Z	0	b	30.27	+ .21	39	39	- 6	N S W	1	f	2	?	37	-	
Oxö (Xtiansand) ...	30.12	44	N E	2	b	30.30	+ .28	38	35	+ 1	E N E	4	o	2	45	36	-	
Skagen (The Scaw) ...	30.13	41	E N E	3	b	30.29	+ .30	32	29	- 7	E N E	5	b	5	34	28	-	
Fanö ...	30.08	36	N E	2	b	30.16	+ .22	40	36	- 2	N E	4	b	*	55	32	-	
Cuxhaven ...	29.96	?	N E	4	bc	30.14	+ .24	41	40	+ 3	E N E	2	c	*	*	36	-	
Sumburgh Head ...																		
Stornoway ...	30.13	48	N E	1	b	30.07	- .11	46	44	+ 2	S S W	2	c	3	50	29	-	
Thurso ...	30.14	47	Z	0	m	30.14	.00	47	44	+ 10	S	1	bm	1	53	35	-	
Wick ...	30.18	46	S	?	b	30.17	+ .01	44	42	+ 7	S	1	b	1	53	35	-	
Nairn ...	30.14	46	E	1	b	30.17	+ .02	39	35	+ 3	Z	0	b	1	52	30	-	
Aberdeen ...	30.16	43	E	2	b	30.20	+ .10	42	39	+ 1	S	2	b	2	50	30	-	
Leith ...	30.16	43	E N E	3	b	30.20	+ .10	44	40	- 2	N W	1	bm	*	50	29	-	
Shields ...	30.17	44	N E	3	b	30.25	+ .18	37	37	- 7	Z	0	f	3	46	31	-	
York ...	30.14	49	N E	2	b	30.25	+ .23	40	39	- 3	N	1	b	*	54	30	-	
Scarborough ...	30.14	43	N N E	3	b	30.24	+ .21	45	43	0	N	2	b	3	47	38	-	
Nottingham ...	30.12	46	N E	3	b	30.27	+ .29	41	40	0	N W	1	o	*	49	36	-	
Ardrossan ...	30.12	54	E	3	b	30.20	+ .10	43	39	- 1	E	2	bm	1	58	37	-	
Greencastle ...	30.11	52	E	2	b	30.10	+ .03	45	42	+ 2	S E	2	b	*	54	36	-	
Donaghadee ...	30.13	46	N W	1	b	30.17	+ .10	47	45	+ 4	S S W	4	bc	2	49	37	-	
Kingstown ...	30.13	47	?	1	bc	30.18	+ .13	45	42	+ 1	S E	1	of	1	47	41	-	
Holyhead ...	30.10	46	N N E	2	b	30.19	+ .18	46	44	+ 3	S S W	2	bm	1	48	38	-	
Liverpool (Bidston) ...	30.08	50	E	2	b	30.23	+ .22	40	38	- 2	S E	2	bc	1	53	36	-	
Valencia ...	30.13	48	N	1	c	30.06	- .01	48	44	+ 3	S E	4	tg	4	52	43	0.04	
Roche's Point ...	30.20	48	S E	2	c	30.14	+ .11	48	46	+ 5	S S W	4	o	3	50	43	-	
Pembroke ...	30.08	48	N E	2	bc	30.19	+ .23	44	41	+ 2	S E	3	b	1	57	?	-	
Portishead ...	30.06	43	N	4	bc	30.23	+ .32	37	37	- 5	N N E	3	m	3	57	31	-	
Scilly ...																		
Plymouth ...	30.05	49	N E	2	bc	30.21	+ .33	43	42	- 1	Z	0	bm	*	57	35	-	
Hurst Castle ...	30.02	50	N E	4	bc	30.23	+ .39	40	40	- 4	Z	0	o	0	53	33	-	
Dover ...	30.00	44	N E	5	bc	30.20	+ .42	48	44	+ 5	E N E	3	bc	2	48	41	-	
London ...	30.04	49	N E	4	c	30.23	+ .37	39	38	- 4	Z	0	ff	*	57	35	-	
Oxford ...	*	*	*	*	*	30.25	+ .35	40	38	- 2	N	1	c	*	60	34	-	
Cambridge ...	30.06	45	N E	2	bc	30.23	+ .31	42	41	0	N	1	o	*	57	31	-	
Yarmouth ...	30.05	43	N E	4	b	30.22	+ .34	44	43	+ 3	N N E	2	bm	2	45	35	-	
The Helder ...	*	*	*	*	*	30.17	+ .31	45	43	+ 5	N N E	1	b	*	*	*	-	
Cape Gris Nez ...	29.97	43	N E	7	c	30.21	+ .44	46	45	+ 5	N E	3	bc	2	48	39	-	
Brest ...	30.07	48	N N E	3	o	30.22	+ .36	48	43	+ 5	N W	1	o	2	48	41	-	
L'Orient ...	30.02	46	N N W	4	o	30.26	+ .43	45	41	+ 2	N E	2	o	3	50	39	-	
Rochefort ...	29.90	?	N	4	c	30.12	+ .41	45	45	- 1	N	4	c	3	55	36	-	
Biarritz ...	29.95	55	N N W	5	o	30.17	+ .39	46	45	- 2	Z	0	f	5	?	41	0.24	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.15	+ .44	38	*	+ 2	E N E	1	b	*	*	*	-	
Charleville ...	*	*	*	*	*	30.04	?	43	*	+ 3	E N E	3	b	*	*	*	-	
Paris ...	29.87	50	N E	3	b	30.12	+ .49	42	*	+ 2	N	3	b	*	*	*	-	
Lyons ...	*	*	*	*	*	29.97	+ .40	47	*	- 1	N	7	c	*	*	*	-	
Toulon ...	29.63	45	N W	4	r	29.68	+ .25	45	41	+ 4	N W	4	b	5	61	41	0.32	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.08	49	40	NW	1	b	1	Valencia .....	30.12	50	45	NW	1	cm	2
Thurso .....	30.14	50	45	NNE	2	b	1	Scilly .....							
Scarborough ...	30.10	45	43	NE	3	bc	4	London .....	29.97	48	44	ENE	5	bc	*
Greencastle ...	30.08	50	45	E	2	c	*	Rochefort ...	29.80	46	43	N	5	o	5
Holyhead .....	30.07	47	40	NNE	3	b	3								

*Pressure is increasing slowly at all the more Southern stations, but is steady in the N. and N.W. The wind is light from E. or N.E. in most places with fine weather.*

## EXPLANATION OF COLUMNS.

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

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

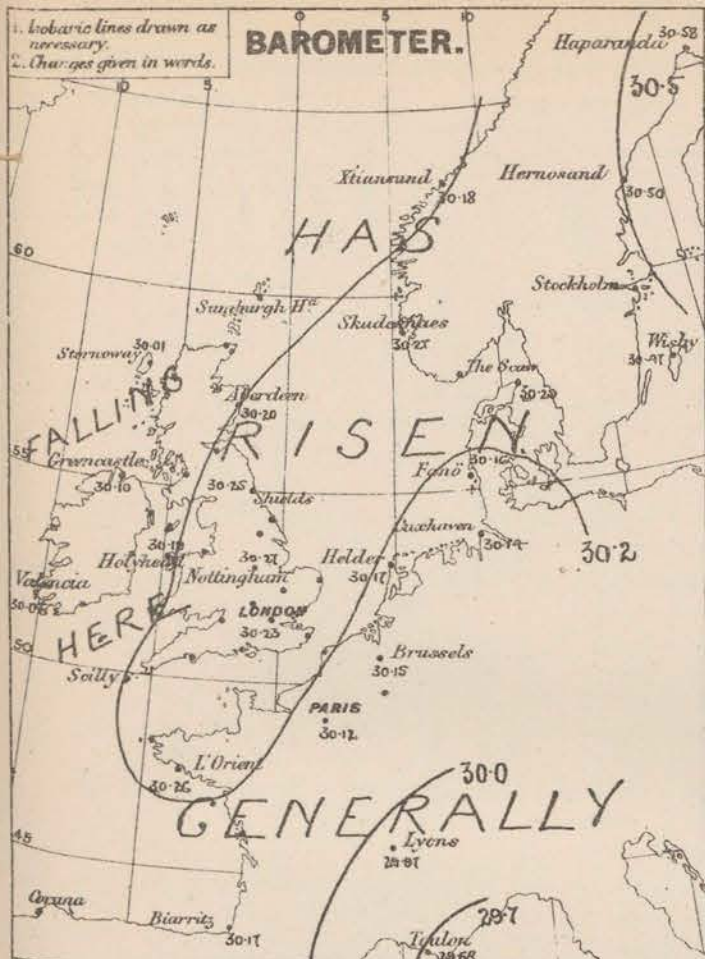
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christians time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Friday APRIL 20<sup>th</sup> 1877.

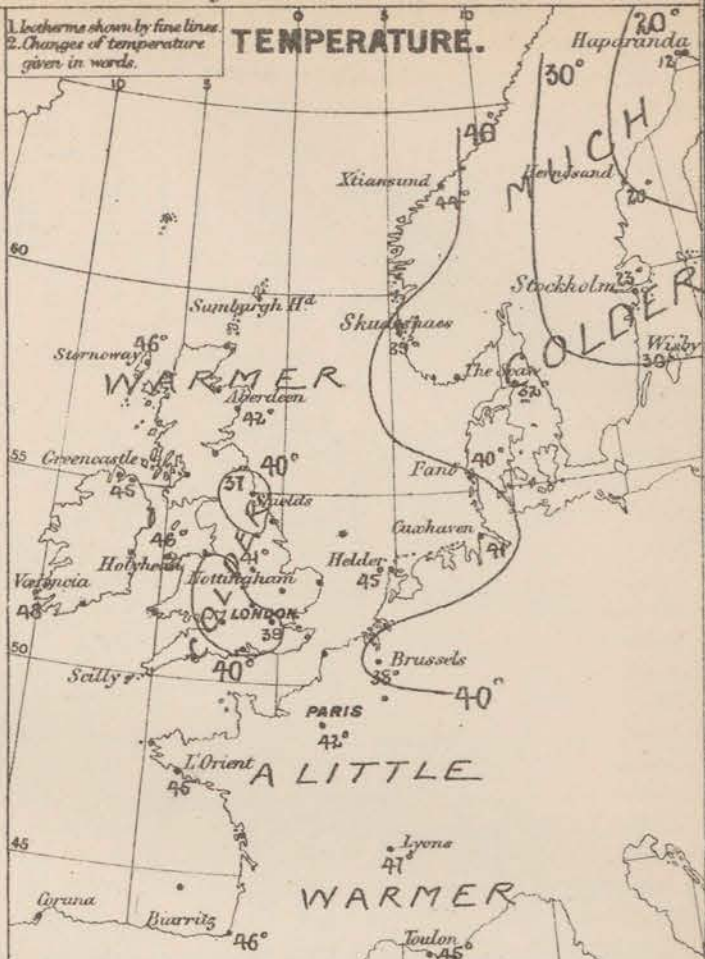
1. Iso-baric lines drawn as necessary.
2. Changes given in words.

## BAROMETER.



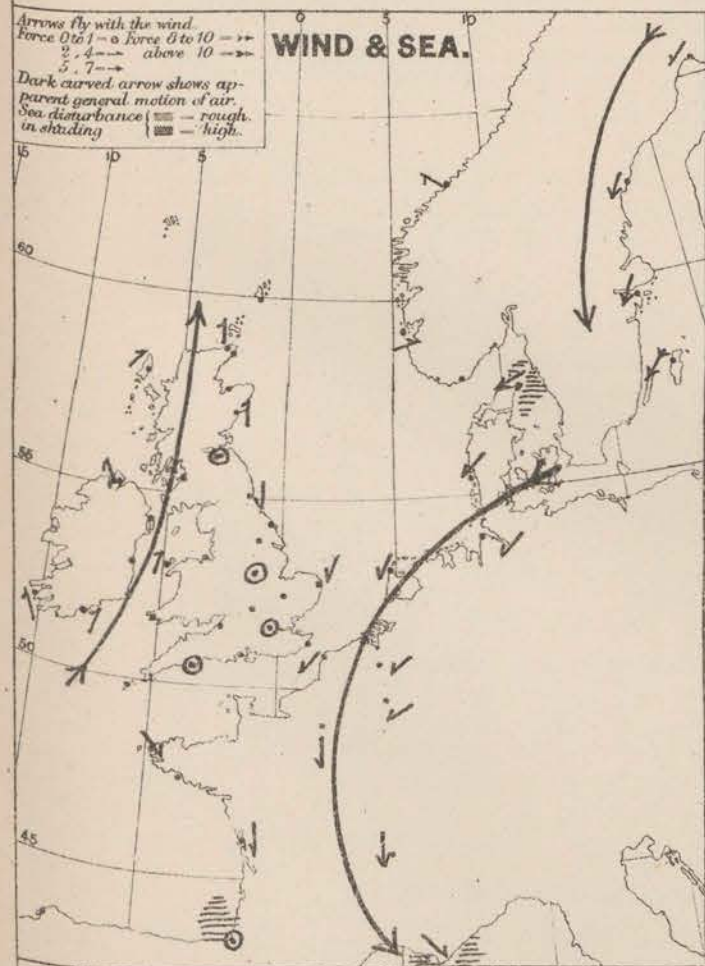
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

## TEMPERATURE.



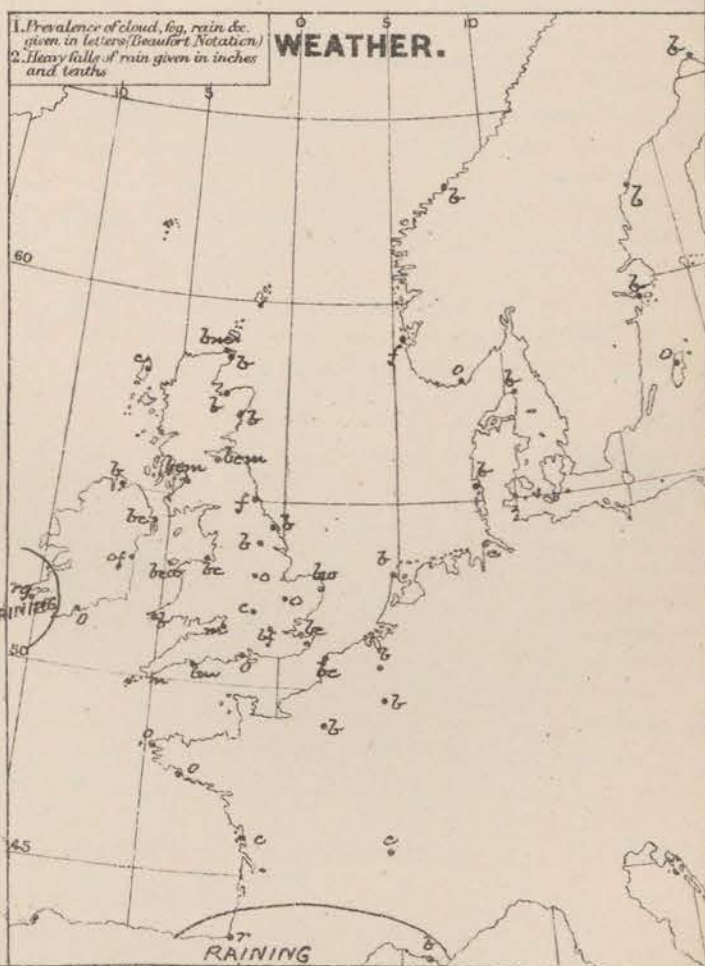
- Arrows fly with the wind.
- Force 0 to 1 — Force 6 to 10 — Force 11 and above 10 —
- Dark curved arrow shows apparent general motion of air.
- Sea disturbance (—) — rough in shading — high.

## WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (Beaufort Notation).
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** The barometer has continued to rise during the past 24 hours at all but our W and NW stations, where it has commenced falling somewhat briskly during the night. In France it is rising very quickly. Readings are now rather higher than 30.5 ins. over the Gulf of Bothnia, and from that region an arm of high pressure extends in a SW direction across the North Sea, England, the Channel, and NW of France. To the W of this arm (i.e. over Ireland and the W of Scotland) light S winds have set in, which to the E and SE of it (i.e. over Denmark, Holland and France) the wind is still NE to N. Temperature was very low over England during the night. In London it fell to 35° in the shade, and 23° on the grass during the night, but the air being very dry very little hoar frost appeared. In the Baltic the weather is very cold again. The sky has become overcast in the greater part of Ireland, and rain is falling at Valentia. Over the remainder of W Europe the weather is very fine, but fog prevails in many parts of England and at St. Petersburg. The sea has risen a little off the W of Ireland, but is smooth or nearly so elsewhere.

Subscription for these Charts payable in advance to cover delivery. Delivery by land 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

# DAILY WEATHER REPORT APRIL 21<sup>st</sup> 1877.

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.	SEASIDE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda														*	*	*			
Hernösand														*	*	*			
Stockholm														*	*	*			
Wisby														*	*	*			
Christiansund														*	*	*			
Skudesnaes														*	*	*			
Oxö (Xiamasund)														*	*	*			
Skagen (The New)	30.33	34	E	7	b	30.36	+ .07	31	29	-	ESE	4	b	2	?	27	-		
Fanö	30.24	34	ENE	2	b	30.25	+ .09	34	33	-	ESE	4	b	*	48	28	-		
Cuxhaven	30.22	?	NE	4	b	30.27	+ .13	37	35	-	S	1	c	*	4	34	-		
Sumburgh Head																			
Stornoway	29.96	49	SSW	4	o	29.76	- .25	44	44	o	SE	1	og	4	53	42	0.05		
Thurso	30.01	49	SSE	3	o	29.87	- .27	44	43	-	SSE	5	o	4	56	40	-		
Wick	30.04	45	S	5	o	29.91	- .26	43	41	-	S	6	o	4	52	41	-		
Nairn	30.04	49	Z	2	b	29.89	- .28	46	44	+	Z	0	o	1	55	39	0.03		
Aberdeen	30.12	45	S	2	o	29.97	- .23	43	41	+	S	8	o	4	49	41	-		
Leith	30.06	52	S	2	o	29.92	- .28	44	43	o	S	1	+	*	60	40	0.09		
Shields	30.16	44	ESE	5	o	29.99	- .26	43	42	+	S	24	+	3	47	37	-		
York	30.17	52	SE	2	o	30.00	- .25	43	43	+	S	3	+	*	57	38	0.04		
Scarborough	30.19	43	SE	2	c	30.02	- .22	43	42	-	SSE	5	+	4	48	42	-		
Nottingham	30.19	52	SSW	2	o	29.99	- .28	42	42	+	SSE	3	+	*	60	41	0.16		
Ardrossan	30.06	48	SSW	3	o	29.87	- .33	44	42	+	SE	3	+	4	55	43	0.23		
Greencastle	29.96	45	S	2	o	29.74	- .36	46	45	+	SSW	1	o	*	48	44	0.04		
Donaghadee	30.08	46	SSE	6	o	29.80	- .37	43	43	-	SE	14	+	3	47	43	0.31		
Kingstown	30.02	46	SSE	4	o	29.77	- .41	48	47	+	S	4	og	1	48	44	0.58		
Holyhead	30.10	47	SSW	3	m	29.79	- .40	45	45	-	SSW	2	+	1	58	44	0.38		
Liverpool (Bidston)	30.15	50	SSE	2	o	29.88	- .35	41	40	+	ESE	4	+	2	52	43	0.18		
Valencia	29.86	51	SE	5	+	29.54	- .22	51	50	+	SW	3	o	4	53	45	0.23		
Roche's Point	29.92	49	SSW	6	+	29.72	- .32	50	48	+	W	3	60	4	51	47	0.45		
Pembroke	30.12	48	SSW	3	o	29.79	- .40	49	49	+	SSW	4	o	4	49	40	0.73		
Portishead	30.17	47	S	3	o	29.90	- .33	45	45	+	SE	6	+	4	50	44	0.06		
Scilly																			
Plymouth	30.09	50	SE	1	o	29.90	- .31	47	47	+	SW	2	ond	*	55	41	0.56		
Hurst Castle	30.21	47	SW	2	o	30.00	- .23	48	48	+	S	5	+	4	49	38	0.45		
Dover	30.23	53	ESE	3	b	30.11	- .39	47	46	-	SE	2	+	1	?	45	-		
London	30.20	53	SE	2	o	30.06	- .17	46	45	+	SSW	2	og	*	57	39	0.14		
Oxford						29.99	- .26	45	44	+	SE	2	+	*	56	40	0.25		
Cambridge	30.20	53	S	1	o	30.05	- .18	44	44	+	SSE	1	+	*	61	41	0.06		
Yarmouth	30.20	46	ESE	2	b	30.09	- .13	43	41	-	ESE	26	o	3	50	41	-		
The Helder						30.22	+ .05	39	35	-	ESE	1	60	*					
Cape Gris Nez	30.23	46	ENE	1	b	30.12	- .09	45	43	-	SSE	1	+	0	54	43	-		
Brest	30.25	52	W	2	o	30.04	- .18	52	52	+	SW	12	+	5	55	46	0.28		
L'Orient																			
Rochefort	30.20	54	WNW	5	b	30.21	+ .09	52	52	+	?	11	o	3	55	39	-		
Biarritz	30.27	52	WNW	3	o	30.26	+ .09	48	46	+	SSE	2	o	4	54	45	-		
Coronna																			
Brussels						30.27	+ .02	37		-	WNW	1	o	*					
Charleville						30.10	+ .06	39		-	SE	3	ff	*					
Paris	30.17	57	NE	3	b	30.15	+ .03	45		+	E	1	o	*					
Lyons						30.24	+ .27	50		+	W	2	b	*					
Toulon	29.72	55	WNW	5	b	29.93	+ .25	50	39	+	WNW	3	b	5	61	45	-		

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

	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnaes ...	30.31	43	40	S	4	b	4	Valencia .....	29.95	49	48	SE	7	ogw	6
Thurso .....	30.08	55	47	SSE	3	b	2	Scilly .....							
Scarborough ...	30.22	45	44	SE	2	b	2	London .....	30.33	57	48	ESE	2	c	*
Greenecastle ...	30.04	48	43	S	3	o	*	Rochefort ...	30.10	54	52	WNW	5	b	3
Holyhead .....	30.16	48	48	SSW	2	o	1								

The barometer continues to fall briskly in Ireland, and the SE<sup>ly</sup> wind is increasing rapidly at Valencia, with a threatening appearance.  
Warnings issued to our W<sup>m</sup> and NW Coasts.

## 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.

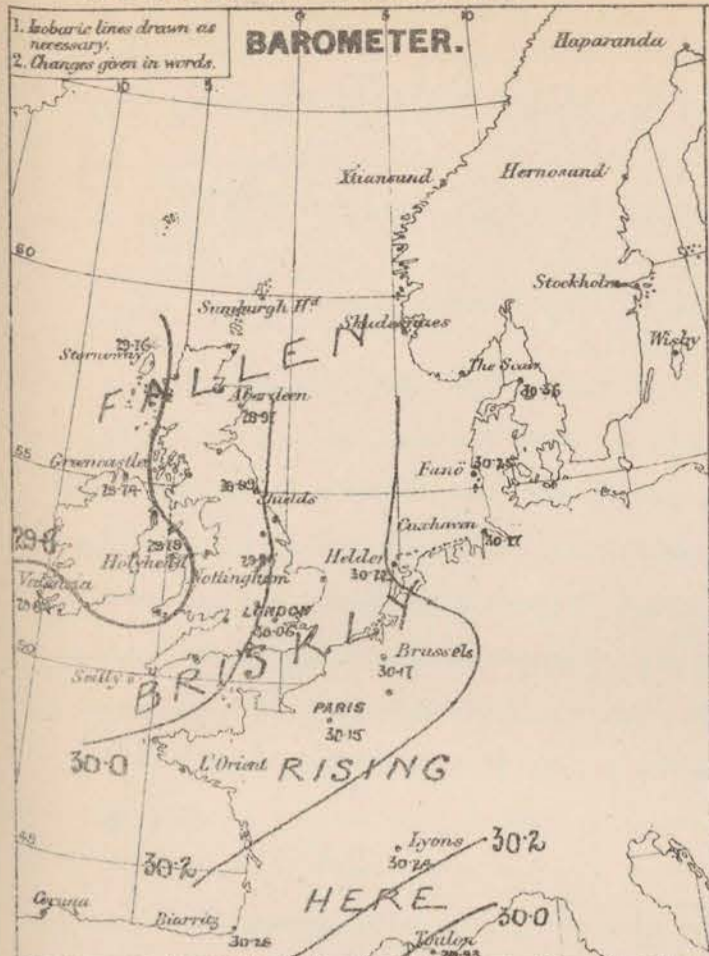
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Saturday APRIL 21<sup>st</sup> 1877.

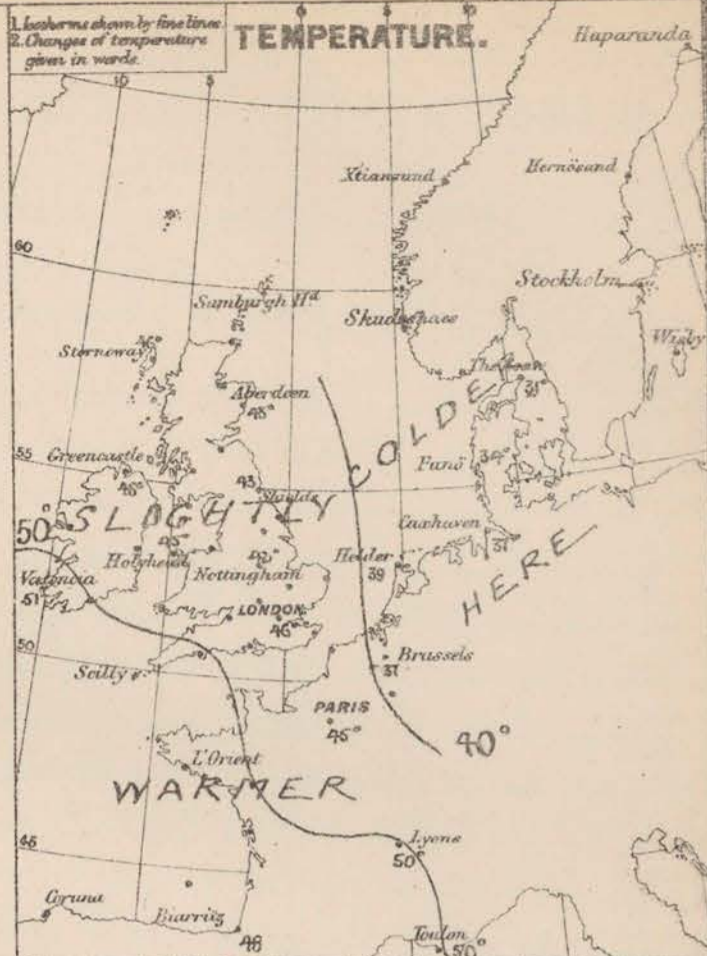
1. Isobaric lines drawn as necessary.
2. Changes given in words.

## BAROMETER.



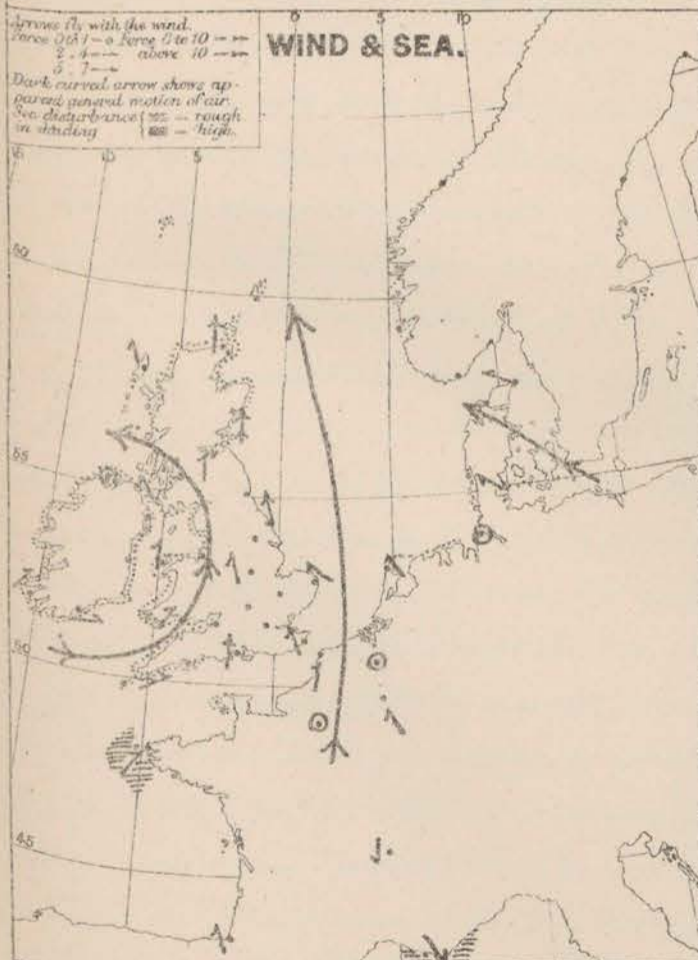
1. Isobars shown by fine lines.
2. Changes of temperature given in words.

## TEMPERATURE.



1. Arrows fly with the wind.
2. Force of wind - a force 2 to 10 - 2.4 - above 10 - 5 - 7 -
3. Dark curved arrow shows apparent general motion of air.
4. See disturbance - rough in shading - high -

## WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (Beaufort Notation).
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



See dotted line is drawn round the coast when the signals are up.

## REMARKS.

The weather over the whole of the British Isles and their neighbourhood is in a very unsettled condition. The barometer has fallen very briskly on our coasts, especially in the W. but rises on the E. shores of the North Sea, where the highest readings are still found. There appears to be a large area of low pressure lying to the W. of Ireland, while a secondary disturbance has advanced from the NW. to St. George's Channel. S. to SE. winds are consequently blowing over Great Britain, and SW. to W. on our W. coast. The S. wind is fresh to strong in force, and blew a gale at Pembroke early this morning, when Aberdeen reports a fresh gale at 8 a.m. Temperature has increased very generally, but not much. The weather is dull over the whole of the British Isles, and N. of France, and rain is falling in all parts of England. A solar halo was seen at Oxford yesterday, and lunar halos both there and in London. The moon is moderate. Our W. and N. coasts were warm yesterday, and the signals are still up.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 4/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

# SUMMARY OF WEATHER IN WESTERN EUROPE

from APRIL 15<sup>th</sup> to APRIL 21<sup>st</sup> 1877.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

At the commencement of the week the weather was very stormy over these Islands. Pressure was very high over Scandinavia, and as a deep depression passed across our SW Coasts, and so on to France, steep gradients were formed and strong SE<sup>4</sup> to E<sup>4</sup> gales were experienced over France, England and Ireland. As this depression disappeared pressure rose everywhere, but the increase being much more brisk in the S. than in the N. gradients gradually became reduced and the wind moderated. On Friday morning an arm of high pressure extended from NE. to SW. across our Islands, but the barometer was falling in the SW. and by the next day the high readings were again confined to the N. and strong S<sup>4</sup> breezes prevailed over us. Temperature has not changed much but has been low generally, especially during the first few days. The weather was at first dull and wet and after a temporary clearing up in the middle of the week, returned again to that condition at the close.

APRIL 15<sup>th</sup> The rise of the barometer noticed at the close of last week over Scandinavia had continued though not quite so rapidly, and an area of high readings had been formed in that region. At the same time a brisk decrease of pressure had occurred at our more Wm stations, as a depression advanced to the SW. of Ireland, so that gradients became very steep on our coasts. In consequence the wind which was E<sup>4</sup> to SE<sup>4</sup> over France, England, and Ireland, but drew into S. further to the W<sup>rd</sup> was fresh or very strong in force, and blew a fresh to hard gale in the E. of Scotland. Temperature has risen several degrees in Scotland, and to a less extent elsewhere, but the weather was very cold in the East. The sky was clear at many of the Continental, and overcast at most of our own stations with rain at Falmouth and Rock. Pt. During the day the wind blew a fresh gale in the NE. and also in the Irish Sea, while exceedingly heavy rain fell in the N. and SW.

APRIL 16<sup>th</sup> The area of high readings still held its position in the N. but in the SW. a further fall of the barometer amounting to nearly half an inch had occurred resulting in a considerable sharpening of gradients and proportionate increase of winds. On nearly all our coasts the wind had varied from a moderate to very hard gale during the night, and on our East coast as well as at the entrance of the Channel continued unabated at 8 a.m. The wind was light from E. on the Eastern shores of the North Sea, and moderate <sup>from the same direction</sup> over France, while in the United Kingdom it was SE<sup>4</sup>. Temperature had scarcely changed. The weather was very fine in Norway and Denmark, but overcast here. Later Reports showed the barometer rising except in the SE. but very strong winds or fresh gales continued on all coasts.

APRIL 17<sup>th</sup> A deep depression lay near the mouth of the Loire, apparently the same which had been advancing towards the S. of Ireland, so that while the barometer had fallen quickly over France, the Channel and S. of England it had risen rapidly at the Irish stations and quickly on all our more Wm and Nw Coasts. The area of high pressure still lay over Scandinavia, and very strong E<sup>4</sup> winds or gales prevailed over the greater part of these Islands and <sup>N. of</sup> France, while hard W<sup>4</sup> gales were reported from the N. of Spain. Temperature had fallen in the S. while it had scarcely changed in the N. It was low generally for the season. The weather was fine though equally. In the evening the mercury was rising over France as the depression moved slowly Eastward, but elsewhere no change of importance had occurred.

APRIL 18<sup>th</sup> The centre of the depression (which appeared to be filling up) had continued to travel Eastward and now lay over Switzerland. The barometer had at the same time risen briskly over France and to a less extent at

our S<sup>m</sup> stations, while it had fallen somewhat in the N. so that gradients were being reduced and the wind was falling lighter. It was, however, still fresh or strong from E. to NE. over the North Sea, and on most of our coasts, and blew a gale in the East, while in the S.W. of France a hard N.W. gale was reported. Temperature had fallen generally and was very uniform. In the NE. the weather was fine but elsewhere it was cloudy or overcast. During the day the barometer rose everywhere and both winds and gradients became lighter.

APRIL 19<sup>th</sup> In all parts of our area except a few of the Scandinavian stations, pressure had continued to rise the increase being greater at our S<sup>m</sup> stations than elsewhere. Readings varied from 30.26 in in Lapland, and 30.15 in in the N. of Scotland, to 29.43 in at London, but gradients were not steep except in the SE. so that the wind which was NE<sup>ly</sup> over the North Sea and these Islands, and N<sup>ly</sup> to NNW in the N. and S. of France, was moderate or light in force at all but the more S<sup>m</sup> stations, but in all places the gale which had recently prevailed had subsided. Temperature had risen except in the NE. of Scotland and E. of France. Rain was falling at some of the French stations and the sky remained overcast in most parts of England, but further to the NW<sup>ly</sup> very fine weather was experienced. The barometer continued to rise during the day, and the increase being still in excess in the S. gradients decreased slowly and the fine weather spread SW<sup>ly</sup>.

APRIL 20<sup>th</sup> The barometer had fallen at our NW<sup>m</sup> and N<sup>m</sup> stations during the night, but had continued to rise steadily elsewhere. Pressure was rather irregularly distributed, being highest over Sweden, whence an arm of high readings extended SW<sup>ly</sup> across the North Sea, England and Wales to the NW. of France. A light SE wind was consequently reported over Ireland and the W. of Scotland, while the Polar current prevailed over Scandinavia, N. Germany, Denmark, and France, and in some places was strong in force. In England very light variable airs were experienced. Temperature had changed rather irregularly, and in many places was low for the time of year. During the night it had fallen to 35° in the shade, and 23° on the grass in London. The sky was overcast in the S. of Ireland, and W. of France, but elsewhere the weather remained fine though a good deal of fog prevailed. The mercury subsequently fell rather briskly in the SW. and the SE<sup>ly</sup> winds increased to a moderate gale at 2 p.m.

APRIL 21<sup>st</sup> The barometer was still rising at the extreme E<sup>m</sup> stations, but to all other parts of our area, the decrease which had commenced on the previous day <sup>had</sup> extended. The change had been rather large in the W. and a shallow area of low pressure lay over the Irish Sea, while a much larger one was apparently just outside our NW<sup>m</sup> Coasts. The SE<sup>ly</sup> current had consequently become general, SE<sup>ly</sup> to SE<sup>ly</sup> breezes being reported over the whole of Great Britain, and the North Sea, and SW<sup>ly</sup> winds in the S. of Ireland. In the East of Scotland the wind had reached the force of a gale, and elsewhere it was rather strong. A slight rise of temperature had occurred generally. The weather was still fine in Sweden, but had become dull and wet elsewhere. Later Reports showed that the barometer was still falling, and the gale from Scotland spread SW<sup>ly</sup> to our NE. Coast.

# DAILY WEATHER REPORT

APRIL 22<sup>nd</sup> 1877.

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 5.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.39	115	Z	0	b	30.31	-.23	16	15	+ .4	SE	2	b	*	*	*	-	
Hernösand ...	30.41	19	Z	0	b	30.35	-.44	22	21	+ .2	SW	2	b	*	*	*	-	
Stockholm ...	30.27	27	NNE	4	b	30.19	-.13	31	28	+ .8	NE	5	o	*	*	*	-	
Wisby ...	30.20	30	ENE	4	o	30.09	-.16	32	30	+ .3	ENE	6	o	*	*	*	-	
Christiansund ...	30.21	41	NNE	2	bc	30.09	-.18	40	36	- .1	SE	1	b	o	48	30	-	
Skudesnaes ...	30.16	37	SSE	6	c	30.05	-.25	39	33	- .1	ESE	4	b	4	41	37	-	
Oxö (Xtiansand) ...	30.25	35	ENE	4	b	30.10	-.26	34	30	o	ENE	6	c	3	36	32	-	
Skagen (The Sæw) ...	30.23	34	E	2	b	30.13	-.23	32	30	+ .1	ESE	3	bc	3	45	28	-	
Fanö ...	30.11	34	E	4	b	29.95	-.30	36	33	+ .2	SE	4	b	*	45	28	-	
Cuxhaven ...	30.17	32	ESE	2	b	29.93	-.34	35	33	- .2	SE	5	b	*	4	30	-	
Sumburgh Head																		
Stornoway																		
Thurso ...	29.65	45	S	2	r	29.53	-.23	44	43	- .2	SSE	4	o	4	47	40	0.37	
Wick ...	29.78	42	SE	6	o	29.66	-.21	40	40	- .4	SE	6	p	4	47	35	0.08	
Nairn ...	29.79	42	SE	7	o	29.70	-.21	40	39	- .3	SSE	9	o	8	46	39	0.10	
Aberdeen ...	29.75	41	E	1	c	29.61	-.23	43	42	- .3	Z	0	d	0	50	39	0.04	
Leith ...	29.81	39	SSE	8	r	29.70	-.27	39	38	- .4	SSE	8	r	7	44	38	0.66	
Shields ...	29.71	43	S	4	r	29.62	-.30	42	42	- .2	E	1	o	*	48	39	0.14	
York ...	29.73	42	SE	8	r	29.62	-.37	42	41	- .1	SE	7	r	6	43	41	0.44	
Scarborough ...	29.75	46	S	2	m	29.64	-.36	46	46	+ .3	SE	1	f	*	48	42	0.38	
Nottingham ...	29.78	42	SE	8	r	29.66	-.36	42	42	- .1	SSE	5	m	5	43	41	0.68	
Ardrossan ...	29.76	49	SSE	2	o	29.62	-.37	49	49	+ .7	SSW	1	r	*	50	42	0.24	
Greencastle ...	29.70	44	ESE	2	r	29.61	-.26	43	42	- .1	NE	2	of	1	46	42	0.51	
Donaghadee ...	29.63	49	S	1	o	29.56	-.18	45	44	- .1	S	1	o	*	49	41	0.19	
Kingstown ...	29.67	46	S	3	r	29.61	-.19	46	46	+ .3	SSE	3	o	2	46	42	0.28	
Holyhead ...	29.70	55	WNW	4	bc	29.61	-.16	49	49	+ .1	Z	0	cm	1	50	46	0.27	
Liverpool (Bidston) ...	29.71	51	WSW	3	c	29.60	-.19	49	49	+ .4	WNW	1	c	0	54	45	0.16	
Valencia ...	29.72	51	SW	2	c	29.61	-.27	50	48	+ .9	W	1	o	1	52	42	0.18	
Roche's Point...	29.72	53	SW	3	c	29.79	-.05	48	44	- .3	W	4	bc	5	56	45	0.11	
Pembroke ...	29.81	55	WSW	4	bc	29.72	-.10	49	45	- .1	WNW	5	b	4	58	45	0.15	
Portishead ...	29.77	50	WSW	4	c	29.63	-.16	49	48	o	WNW	4	c	3	53	46	0.10	
Seilly ...	29.83	48	SW	4	o	29.64	-.26	48	48	+ .3	WSW	3	c	3	55	43	0.30	
Plymouth ...	29.78	52	WSW	2	o	29.69	-.21	52	51	+ .1	W	4	c	*	59	49	0.02	
Hurst Castle ...	29.84	50	W	4	bc	29.67	-.33	50	50	+ .2	WSW	2	c	2	52	45	0.08	
Dover ...	29.87	47	S	1	o	29.67	-.44	49	48	+ .2	SW	3	b	3	49	46	0.11	
London ...	29.83	51	S	1	o	29.67	-.39	52	49	+ .6	WSW	2	c	*	52	43	0.13	
Oxford ...	*	*	*	*	*	29.64	-.35	50	49	+ .5	SW	1	r	*	58	43	0.11	
Cambridge ...	29.83	47	S	1	o	29.64	-.41	52	50	+ .8	WSW	1	o	*	53	43	0.24	
Yarmouth ...	29.89	43	SE	6	o	29.65	-.44	43	43	o	ESE	4	of	4	44	41	0.45	
The Helder...	*	*	*	*	*	29.73	-.49	37	36	- .2	E	2	o	*	*	*	-	
Cape Gris Nez	29.92	48	SW	3	r	29.69	-.43	48	48	+ .3	SW	2	m	1	50	45	0.16	
Brest ...	29.99	55	W	3	m	29.82	-.22	50	48	- .2	WNW	4	m	5	?	48	0.08	
L'Orient ...	30.01	52	W	4	m	29.87	-.24	52	50	+ .2	W	4	o	4	55	46	0.24	
Rocheport ...	30.04	55	WSW	4	r	29.88	-.33	55	53	+ .3	WNW	4	o	4	61	41	?	
Biarritz ...	30.13	61	Z	0	c	30.01	-.25	55	55	+ .7	WSW	4	r	3	63	45	0.16	
Corunna ...	*	*	*	*	*	30.19		57	*		SW	3	c	2	*	*	*	
Brussels ...	*	*	*	*	*	29.67	-.50	48	*	+ .11	SW	1	o	*	*	*	0.16	
Charleville ...	*	*	*	*	*	29.63	-.47	48	*	+ .9	SSW	1	d	*	*	*	*	
Paris ...	29.99	48	SW	3	o	29.73	-.42	53	*	+ .8	SW	3	o	*	*	*	0.20	
Lyons ...	*	*	*	*	*	29.85	-.39	53	*	+ .3	SSE	2	r	*	*	*	*	
Toulon ...	29.88	57	WNW	6	b	29.84	-.09	52	46	+ .2	WNW	5	bc	5	64	50	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.21	41	36	S	6	o	5	Valencia .....	29.80	55	53	SW	4	o	4
Thurso .....	29.81	46	44	SSE	6	og	4	Seilly .....							
Scarborough ...	29.87	42	41	SE	5	r	5	London .....	29.90	48	47	SW	3	odp	*
Greencastle ...	29.68	49	48	S	2	r	*	Rocheport ...	30.12	55	52	SW	3	c	3
Holyhead .....	29.75	54	53	WSW	3	c	2								

The barometer continues to fall generally, but most in the N.E. of England, where the wind has risen to a moderate gale from S.E. with continuous rain.

## EXPLANATION OF COLUMNS.

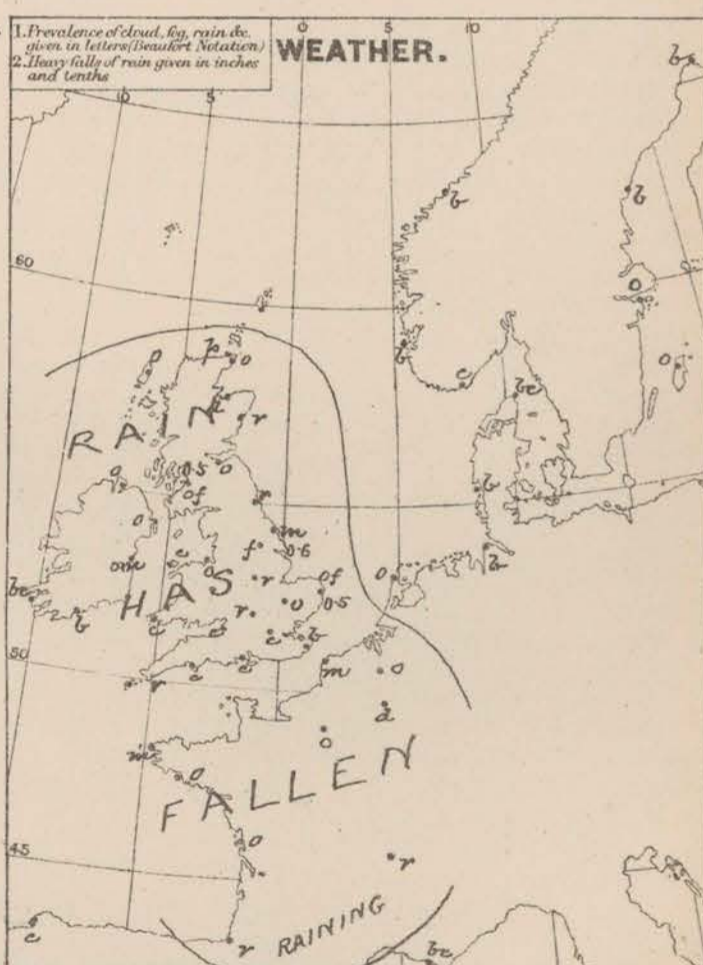
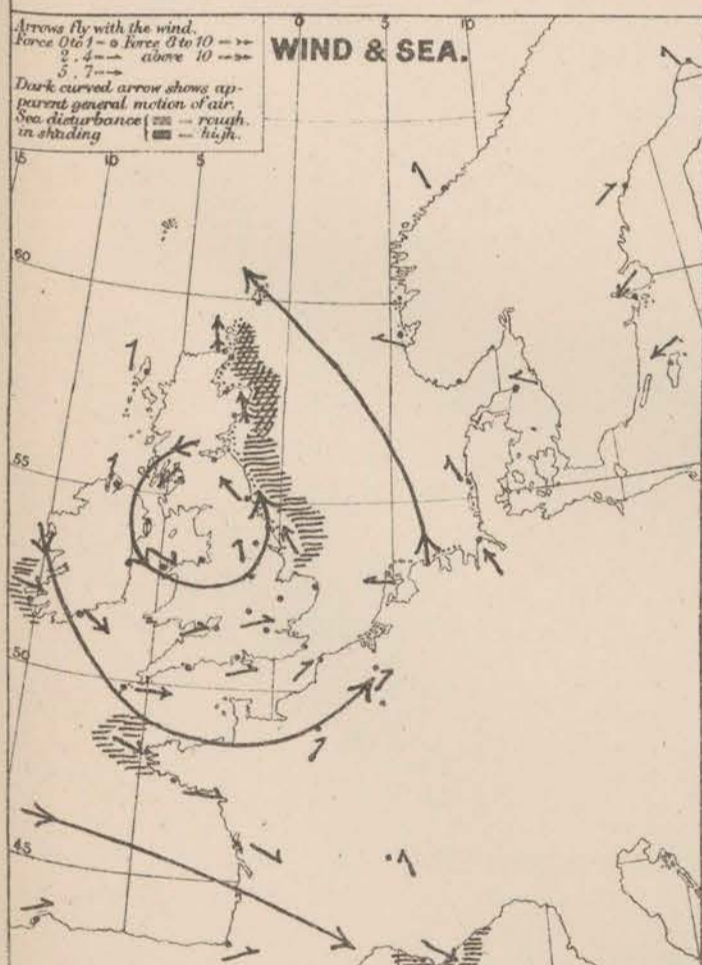
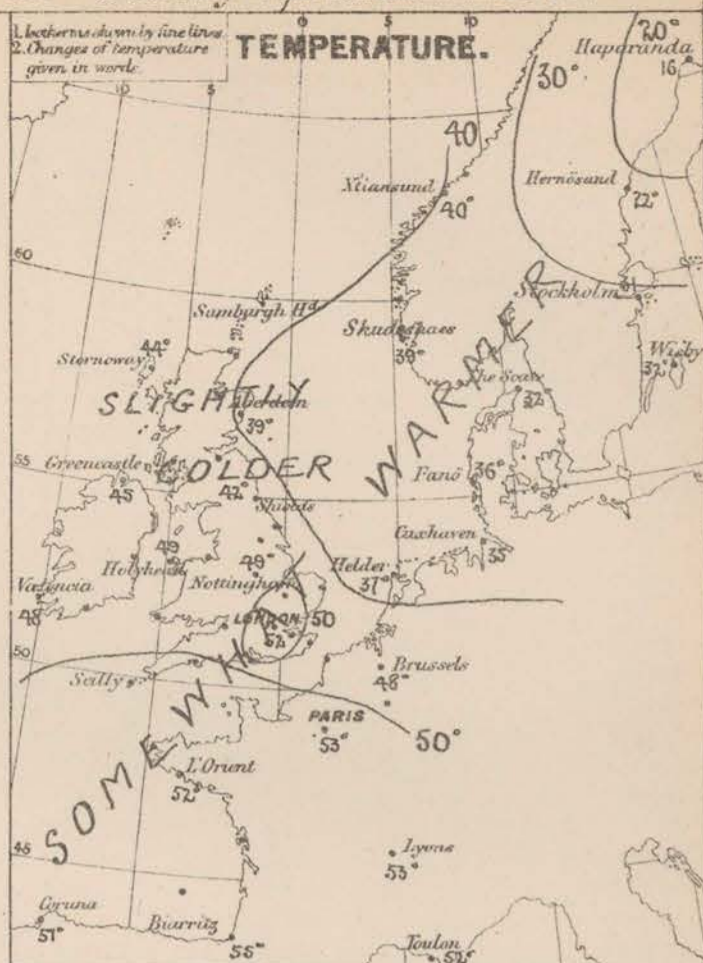
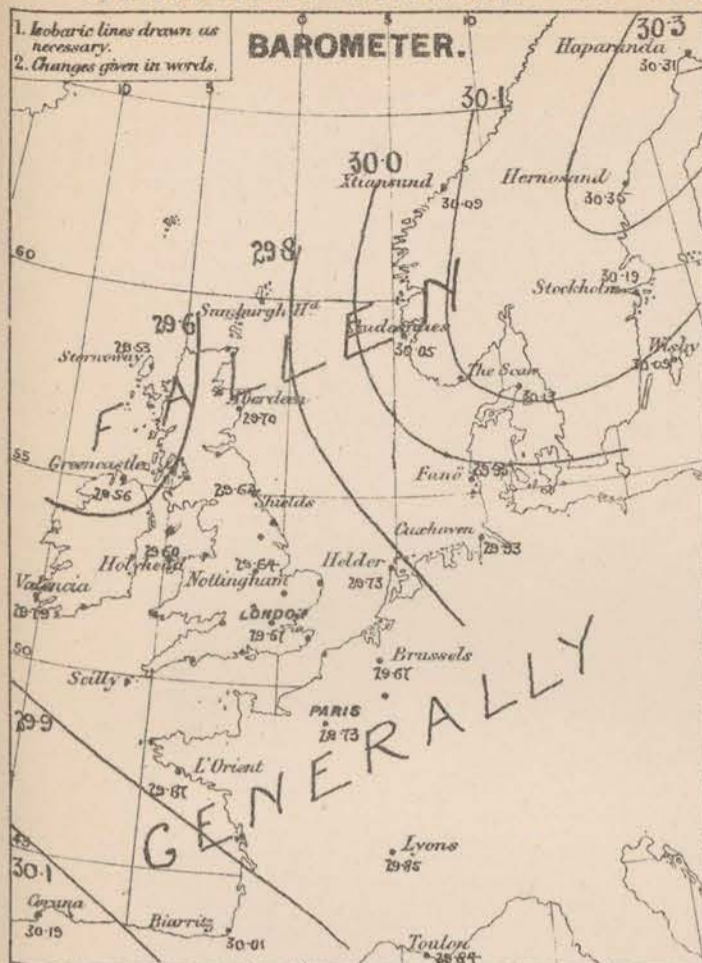
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

**WEATHER CHARTS** for 8 a.m. on *Sunday April 22<sup>nd</sup>* 1877.



note: A dotted line is drawn round the craters, where the signals are up.

REMARKS.

REMARKS. Since yesterday morning the barometer has fallen in all parts of W<sup>th</sup> Europe, and pressure over our Islands is now very irregularly distributed, the lowest readings being found outside our NW<sup>th</sup> coasts, while a slight secondary area appears to be lying over Lancashire. The barometer is still high over Scandinavia, and strong SE<sup>ly</sup> winds or gales are consequently blowing over the North Sea, but as pressure is also high on the coasts of Spain, moderate gradients for NW<sup>th</sup> winds are found over the W. of France, and on our SW coasts. Temperature has fallen a little in Scotland, but risen a few degrees in most other places. Rain has fallen in all parts of the Kingdom, and snow heavily on our NE coasts. The sky is very cloudy in most places, and rain still falls in the NE. The sea is high off the E. of Scotland, and rough on our E. coast, moderate to slight elsewhere.

Subscription for these Charts payable in  
advance to cover delivery. Delivery by hand  
10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S. W.

**R. H. SCOTT.**  
Director.

# DAILY WEATHER REPORT APRIL 23<sup>RD</sup> 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
	Barometer at 350 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 350 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 ...	30.23	18	Z	0	f	?	?	29	?	+	13	?	2	f	*	*	*	-	
Hernösand ...	30.25	23	Z	0	f	30.28	- .07	25	23	+	3	SW	2	f	*	*	*	-	
Stockholm ...	30.06	31	NE	6	f	30.03	- .16	31	28	0	NE	6	f	*	*	*	-		
Wisby ...	29.91	32	EHE	4	f	29.89	- .20	34	31	+	2	E	6	f	*	*	*	-	
Christiansund ...	30.21	41	NNE	1	f	30.03	- .06	42	35	+	2	ESE	3	f	2	46	34	-	
Skudesnaes ...	29.98	37	ESE	2	0	29.91	- .14	36	31	-	3	ENE	4	0	3	41	?	-	
Oxö (Tjansund) ...	29.97	33	ENE	6	5	29.89	- .21	32	32	-	2	EHE	6	5	4	34	28	-	
Skagen (The Scaw) ...	29.98	32	E	5	0	29.90	- .23	30	30	-	2	E	5	5	4	36	27	0.04	
Fanö ...	29.86	32	E	4	0	29.78	- .17	35	33	-	1	ENE	4	0	*	37	32	-	
Cuxhaven ...	29.76	?	ESE	5	f	29.74	- .19	36	34	+	1	ESE	5	f	*	3	27	-	
Sumburgh Head ...																			
Stornoway ...	29.55	46	SE	1	f	29.64	+	11	39	36	-	5	E	7	0	6	49	36	0.09
Thurso ...	29.71	39	ESE	6	0	29.72	+	06	37	36	-	3	ESE	3	0	3	43	34	0.05
Wick ...	29.74	39	SE	8	0	29.72	+	02	37	36	-	3	ESE	6	0	6	42	33	0.03
Nairn ...	29.68	40	SE	2	0	29.65	+	04	38	35	-	5	SE	3	0	2	48	35	0.02
Aberdeen ...	29.62	37	SSE	7	0	29.65	-	05	38	36	-	1	SE	7	0	7	40	35	0.29
Leith ...	29.60	40	SSE	4	f	29.53	-	09	39	38	-	3	SE	5	0	*	47	35	0.44
Shields ...	29.63	39	SE	6	f	29.53	-	09	37	37	-	5	SE	8	f	6	43	34	0.74
York ...	29.61	43	E	1	m	29.50	-	14	38	38	-	8	NNW	1	0	*	47	37	0.70
Scarborough ...	29.60	41	SE	5	*	29.47	-	19	39	39	-	3	ESE	7	f	5	42	37	0.53
Nottingham ...	29.58	38	ESE	1	0	29.54	-	08	40	43	-	4	SW	2	0	*	64	35	0.63
Ardrossan ...	29.57	45	NNE	1	f	29.50	-	11	37	36	-	6	NE	2	5	2	57	35	0.61
Greencastle ...	29.49	50	ESE	2	0	29.44	-	12	41	40	-	4	E	1	0	*	54	39	0.11
Donaghadee ...	29.55	45	WSW	16	f	29.46	-	15	41	40	-	5	ENE	2	be	1	49	35	0.20
Kingstown ...	29.61	46	N	4	0	29.48	-	13	42	40	-	6	S	1	0	1	52	39	0.09
Holyhead ...	29.61	49	SW	2	0	29.49	-	11	44	43	-	5	WSW	2	0	1	54	41	0.08
Liverpool (Bidston) ...	29.58	45	WSW	4	0	29.52	-	11	43	39	-	7	SSW	1	be	2	54	39	-
Valencia ...	29.68	45	WSW	5	be	29.57	-	28	45	42	-	3	WSW	6	rgu	5	52	41	0.13
Roche's Point... ..	29.69	49	N	5	be	29.49	-	23	47	44	-	2	N	5	0	4	52	39	-
Pembroke ...	29.66	48	NNW	6	f	29.53	-	10	45	42	-	4	N	6	cy	4	54	42	0.03
Portishead ...	29.64	48	N	6	0	29.58	-	06	43	41	-	5	N	3	be	3	57	37	0.01
Scilly ...																			
Plymouth ...	29.75	49	NNW	4	f	29.63	-	06	47	45	-	5	N	0	0	*	57	39	0.06
Hurst Castle ...	29.64	52	NNW	4	0	29.61	-	06	45	45	-	5	Z	0	be	0	53	40	0.03
Dover ...	29.60	50	WSW	2	f	29.61	-	06	50	45	+	1	WSW	3	f	2	53	46	0.57
London ...	29.57	57	N	1	be	29.59	-	08	45	41	-	7	N	2	0	*	61	39	0.05
Oxford ...	*	*	*	*	*	29.58	-	06	43	41	-	7	SW	1	f	*	61	38	0.03
Cambridge ...	29.60	57	NNW	1	f	29.55	-	09	45	43	-	7	N	1	f	*	59	38	0.27
Yarmouth ...	29.63	47	EHE	3	0	29.54	-	11	43	42	0	N	3	can	3	44	41	0.22	
The Helder ...	*	*	*	*	*	29.57	-	16	39	36	+	2	E	2	0	*	*	*	-
Cape Gris Nez ...	29.57	50	SW	3	0	29.63	-	06	48	43	0	N	3	be	3	59	43	0.16	
Brest ...	29.92	55	NNW	3	0	29.79	-	03	46	43	-	4	NNW	3	be	4	?	41	0.12
L'Orient ...	29.91	50	NNW	5	be	29.83	-	04	48	45	-	4	NNW	5	f	4	57	41	0.08
Rochefort ...	29.88	55	NW	6	0	29.85	-	03	48	46	-	7	NNW	5	be	4	59	39	?
Biarritz ...	30.04	59	WSW	4	f	29.94	-	07	52	48	-	3	WSW	2	f	3	?	46	0.24
Corunna ...	*	*	*	*	*												*	*	*
Brussels ...	*	*	*	*	*	29.61	-	06	47	*	-	1	SW	3	0	*	*	*	0.14
Charleville ...	*	*	*	*	*	29.60	-	03	45	*	-	3	WSW	6	0	*	*	*	*
Paris ...	29.70	54	NNW	4	0	29.74	+	01	46	*	-	7	NW	0	0	*	*	*	-
Lyons ...	*	*	*	*	*	29.50	-	05	34	*	+	1	NE	?	0	*	*	*	*
Toulon ...	29.75	57	N	4	f	29.70	-	11	52	48	0	N	4	0	5	61	52	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.97	41	35	ESE	4	c	3	Valencia ...							
Thurso .....								Seilly .....							
Scarborough ...								London .....					*		
Greencastle ...							*	Rocheft ...	29.89	57	54	NN	6	h	4
Holyhead .....								*							

## EXPLANATION OF COLUMNS.

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

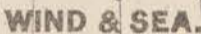
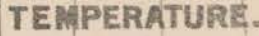
\* AN ASTERISK is inserted in all places for which information is not usually received.

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

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

## WEATHER CHARTS

for 8 a.m. on Monday 23<sup>rd</sup> APRIL 1877.



Note A dotted line is drawn round those coasts where the warning signals remain hoisted this morning.

**REMARKS.** Pressure is changing irregularly and comparatively little. This morning it is rising in the north of Scotland as well as in the north of Scandinavia, but in all other places it is falling. Readings are high over Spain and also in the Gulf of Bothnia, while an irregularly shaped area of low pressure lies over Ireland and the north of England, so that we find E<sup>ly</sup> breezes prevailing at all the more northern stations, and W<sup>ly</sup> winds in the south. On the north eastern and south western coasts the wind blows strongly but elsewhere it is moderate to light in force. Temperature has fallen everywhere, and the weather is now very cold for the time of year in the north east. Over Central England a slight thunderstorm was experienced yesterday afternoon, and the thermometer rose to over 60°. The sky this morning is moderately clear in the south east but elsewhere it is cloudy and during yesterday hail, snow and rain prevailed in different parts of the country. The sea is high in the north east, moderate elsewhere.

Our north east and south west coasts were warmed yesterday. Clouds lowered in the south west this morning.

Subscriptions for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

**R. H. SCOTT.**  
Director.

# DAILY WEATHER REPORT *APRIL 24<sup>th</sup>* 1877.

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 5.)	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.31	29	Z	0	f	30.34	?	25	21	- 4	E	2	f	*	*	*	-	
Hernösand ...	30.22	31	EHE	2	f	30.17	- 11	30	28	+ 5	NE	2	f	*	*	*	-	
Stockholm ...	29.93	33	NE	4	f	29.84	- 19	35	30	+ 4	EHE	6	bc	*	*	*	-	
Wisby ...	29.83	32	E	6	o	29.68	- 21	38	34	+ 4	EHE	6	bc	*	*	*	-	
Christiansund ...	29.97	41	ESE	4	f	29.99	- 04	42	35	0	SE	12	f	2	44	34	-	
Skudesnaes ...	29.90	39	E	6	o	29.88	- 03	39	31	+ 3	EHE	4	o	2	41	36	-	
Oxö (Xtiansand) ...	29.86	38	EHE	6	o	29.80	- 07	35	30	+ 3	NE	6	c	4	?	32	-	
Skagen (The Scaw) ...	29.86	37	E	7	o	29.80	- 10	34	31	+ 4	E	6	f	5	46	27	-	
Fanö ...	29.74	36	E	4	o	29.68	- 10	35	34	0	NE	4	c	*	39	32	-	
Cuxhaven ...	29.64	53	E	4	f	29.66	- 08	40	38	+ 4	EHE	3	c	*	2	36	-	
Sumburgh Head																		
Stornoway	29.67	43	SE	2	f	29.74	+ 10	42	41	+ 3	ESE	4	f	5	44	35	0.01	
Thurso ...	29.75	39	SSE	3	c	29.82	+ 10	38	37	+ 1	SSE	2	o	2	44	34	0.16	
Wick ...	29.78	38	ESE	6	c	29.83	+ 11	40	38	+ 3	ESE	6	r	4	45	34	0.08	
Nairn ...	29.72	39	ESE	2	c	29.77	+ 12	40	36	+ 2	ESE	3	c	2	45	34	-	
Aberdeen ...	29.70	40	SE	5	o	29.79	+ 14	41	38	+ 3	EHE	4	c	6	44	37	-	
Leith ...	29.63	39	E	4	c	29.76	+ 23	40	38	+ 1	SE	3	c	*	44	37	0.01	
Shields ...	29.54	41	SE	5	bc	29.75	+ 22	39	38	+ 2	E	14	o	5	43	35	0.09	
York ...	29.55	43	S	2	f	29.71	+ 21	43	41	+ 5	NNE	2	c	*	50	26	0.25	
Scarborough ...	29.55	42	SE	4	o	29.72	+ 25	42	41	+ 3	E	2	c	3	49	39	0.04	
Nottingham ...	29.55	44	S	4	bc	29.70	+ 16	43	42	- 2	NE	3	bc	*	55	32	-	
Ardrossan ...	29.59	42	NE	3	bc	29.73	+ 23	42	40	+ 5	E	2	c	2	46	37	0.06	
Greencastle ...	29.55	43	E	2	c	29.56	+ 12	43	40	+ 2	S	2	f	*	50	37	-	
Donaghadee ...	29.73	43	E	4	o	29.69	+ 23	42	41	+ 1	E	4	c	3	47	39	-	
Kingstown ...	29.52	45	NE	5	bc	29.68	+ 20	43	41	0	NH	3	c	3	46	40	0.03	
Holyhead ...	29.48	43	NNE	3	bc	29.67	+ 18	45	45	+ 1	E	3	f	2	47	41	0.14	
Liverpool (Bedston) ...	29.49	43	SE	1	f	29.68	+ 18	44	41	+ 1	E	3	bc	2	49	39	0.22	
Valencia ...	29.63	47	NH	4	c	29.62	+ 11	49	46	+ 4	SE	4	c	4	51	42	0.13	
Roche's Point ...	29.50	46	N	6	o	29.68	+ 19	46	44	- 1	SSE	1	bc	2	50	41	0.10	
Pembroke ...	29.43	47	S	5	o	29.66	+ 13	47	44	+ 2	H	1	bc	1	50	39	0.02	
Portishead ...																		
Scilly ...																		
Plymouth ...	29.52	46	SW	3	o	29.67	+ 14	46	44	- 1	NH	2	c	*	54	39	0.09	
Hurst Castle ...	29.57	50	NH	4	c	29.65	+ 04	45	45	0	NE	3	c	2	51	40	0.20	
Dover ...	29.59	48	NH	4	f	29.66	+ 05	48	44	- 2	NH	1	f	1	51	44	-	
London ...	29.58	49	NH	3	cp	29.66	+ 07	48	43	+ 3	NNE	1	bc	*	56	34	0.05	
Oxford ...	*	*	*	*	*	29.67	+ 09	43	41	0	N	1	f	*	53	34	0.04	
Cambridge ...	29.57	47	SW	1	c	29.68	+ 13	45	44	0	NE	1	c	*	56	34	0.07	
Yarmouth ...	29.57	46	E	2	bc	29.66	+ 12	45	43	+ 2	NE	2	bc	3	50	41	0.05	
The Helder ...	*	*	*	*	*	29.62	+ 08	42	41	+ 3	Z	0	bc	*	*	*	0.12	
Cape Gris Nez ...	29.62	46	NH	4	o	29.67	+ 04	45	43	- 3	NH	1	f	1	50	42	0.12	
Brest ...	29.70	55	N	4	o	29.75	- 04	48	43	+ 2	NH	3	f	3	?	41	0.08	
L'Orient ...	29.75	48	NH	5	bc	29.75	- 08	48	43	0	NH	5	f	4	55	41	0.08	
Rocheport ...	29.76	57	NH	5	bc	29.73	- 12	52	46	+ 4	NH	5	f	4	57	37	-	
Biarritz ...	29.88	59	NH	3	r	29.86	- 08	52	52	0	NH	3	bc	4	?	46	0.08	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.61	00	42	*	- 5	SW	3	c	*	*	*	0.07	
Charleville ...	*	*	*	*	*	29.61	+ 01	37	*	- 8	ESE	1	bc	*	*	*	*	
Paris ...	29.68	48	NH	3	c	29.66	- 08	46	*	0	SW	3	bc	*	*	*	0.12	
Lyons ...	*	*	*	*	*	29.82	+ 02	51	*	- 3	NE	2	f	*	*	*	*	
Toulon ...	29.69	55	NH	5	bc	29.69	- 04	48	41	- 4	NH	5	f	6	39	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.88	41	36	E	2	o	2	Valencia ...	29.52	50	45	NH	5	cp	6
Thurso .....	29.72	42	40	SE	3	c	3	Scilly .....							
Scarborough ...	29.50	48	44	SW	2	a	4	London .....	29.60	53	46	NH	3	c	*
Greencastle ...	29.49	?47	44	E	2	bc	*	Rocheport ...	29.81	54	50	NH/N	5	bc	4
Holyhead .....	29.46	45	45	ESE	2	r	1								

The barometer has risen slightly except in Wales. The winds are light except in the SW. and vary a good deal in direction.

## 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.

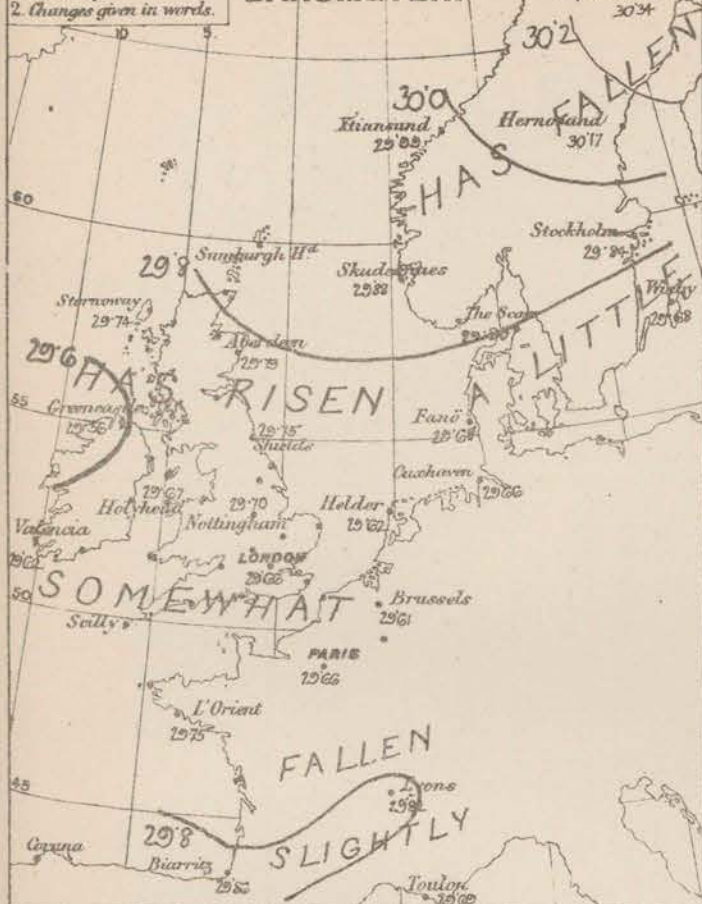
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Tuesday 24<sup>th</sup> APRIL 1877.

1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



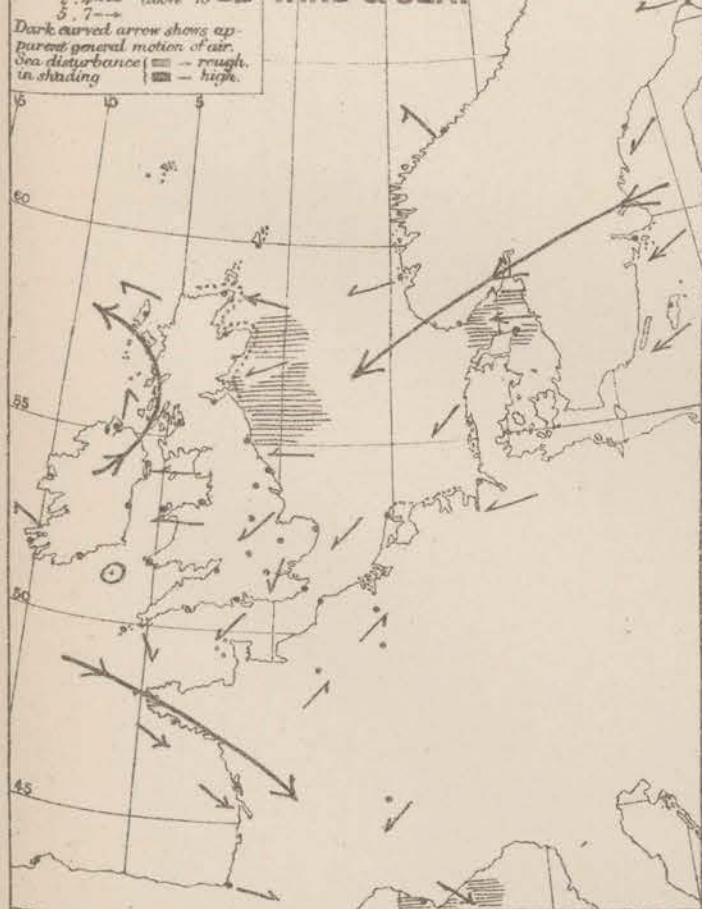
1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



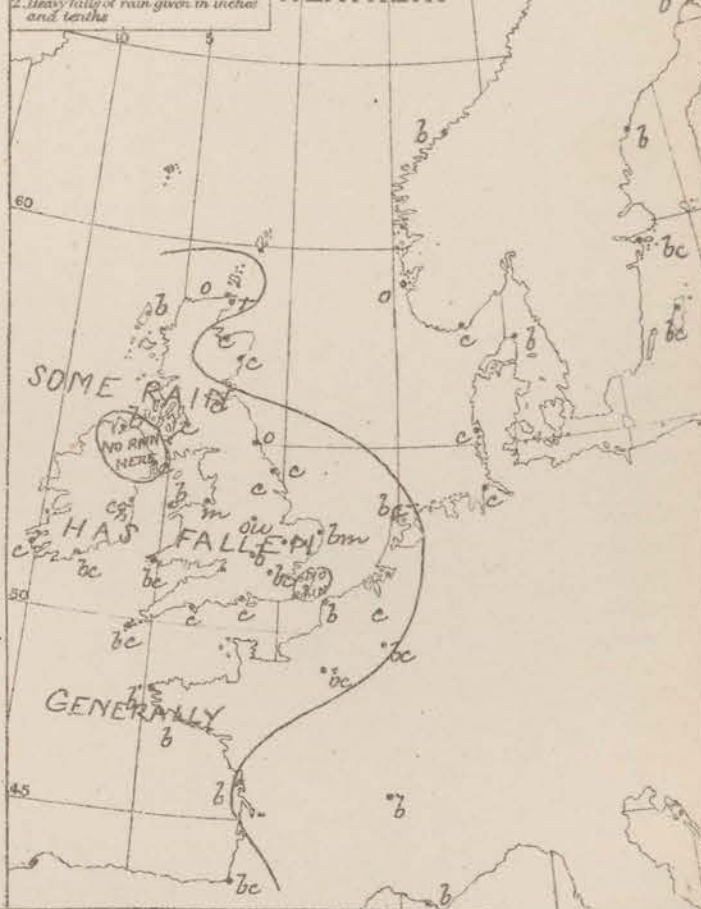
Arrows fly with the wind.  
Force 0 to 1 - a Force 8 to 10 -  
2, 4, 6, 8, 10 - above 10 -  
5, 7, 9 -  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance (---) - rough, in shading (---) - high.

## WIND & SEA.



1. Prevalence of cloud, fog, rain etc. given in letters (Baufer Notation).  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** Since yesterday the barometer has risen slowly over the whole of these Islands, while it has fallen at most of the Continental stations. The changes have, however, not been great, and the general distribution of pressure is unaltered, readings being still relatively high both over the Gulf of Bothnia and in the south west of Europe and low over these Islands. In consequence the wind continues E<sup>h</sup> at all the more northern and eastern stations, and W<sup>t</sup> to NW<sup>t</sup> over the Bay of Biscay, but over the south of Ireland and England and the north of France pressure is very uniform, and variable breezes are reported. Temperature has risen generally but it is still low in the north east. Over Central England a slight frost was registered early this morning. Rain has been general over S<sup>t</sup> Britain and France, with snow at Turin, and hail in some parts of England. A slight thunderstorm passed over London yesterday afternoon. The weather is now generally clear. The sea is still rough in the north but is moderate to slight elsewhere.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office, R. H. SCOTT, Director.  
116, Victoria Street, Westminster, S.W.

Langerfeld 1st 22 Bedford St, Covent Garden.

# DAILY WEATHER REPORT APRIL 25<sup>TH</sup> 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Sea.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea.	Amount of Rainfall.	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 ...	30.28	27	Z	0	b		30.35	+ .07	20	19	- 5	NE	2	b	*	*	*	*	
Hernösand ...	30.19	30	NE	4	b		30.26	+ .09	31	28	+ 1	NE	4	b	*	*	*	*	
Stockholm ...	29.85	36	ENE	6	o		29.92	+ .08	35	32	0	NNE	6	o	*	*	*	*	
Wisby ...	29.69	34	E	6	o		29.71	+ .03	35	33	- 3	ENE	6	o	*	*	*	*	0.04
Christiansund ...	29.96	43	SE	2	b		30.04	+ .05	42	37	0	SE	1	b	2	48	32	-	
Skudesnaes ...	29.93	42	NE	2	o		30.04	+ .16	45	37	+ 6	ENE	4	b	2	48	39	-	
Oxö (Tiansand) ...	29.86	42	ENE	6	o		29.99	+ .17	36	32	+ 1	NE	6	b	3	43	?	-	
Skagen (The Seaw) ...	29.86	39	NE	5	o		29.94	+ .14	35	35	+ 1	ENE	5	o	4	43	27	-	
Fanö ...	29.77	37	ENE	4	c		29.87	+ .19	37	35	+ 2	NNE	4	o	*	43	34	-	
Cuxhaven ...	29.70	?	NE	3	b		29.80	+ .17	39	38	- 1	NE	2	c	*	?	36	0.03	
Sumburgh Head ...																			
Stornoway ...	29.74	46	ESE	4	b		29.84	+ .10	44	40	+ 2	ESE	4	b	5	48	36	-	
Thurso ...	29.85	40	ESE	3	r		29.95	+ .13	43	40	+ 5	SSE	3	b	3	44	34	0.04	
Wick ...	29.87	40	ESE	5	c		29.97	+ .14	42	38	+ 2	SSE	5	b	4	45	36	0.04	
Nairn ...	29.80	44	ESE	2	o		29.91	+ .14	43	39	+ 3	SE	2	b	1	48	31	-	
Aberdeen ...	29.85	42	SSE	4	c		29.98	+ .19	42	38	+ 1	SSE	3	b	4	45	38	-	
Leith ...	29.81	42	E	3	o		29.89	+ .13	42	39	+ 2	SE	3	b	*	46	32	-	
Shields ...	29.70	40	E	2	c		29.95	+ .20	43	40	+ 4	E	1	b	3	45	39	-	
York ...	29.81	44	E	2	o		29.95	+ .24	41	38	- 2	ENE	1	b	*	49	33	-	
Scarborough ...	29.82	40	ENE	2	b		29.94	+ .22	44	41	+ 2	ENE	2	c	2	49	39	-	
Nottingham ...	29.79	45	SE	2	c		29.94	+ .24	44	41	+ 1	ESE	3	b	*	51	32	-	
Ardrossan ...	29.76	48	E	4	c		29.88	+ .15	42	39	0	NE	3	b	2	53	38	-	
Greencastle ...	29.65	48	SE	2	o		29.74	+ .08	46	44	+ 3	SE	3	o	*	51	42	0.01	
Donaghadee ...	29.74	47	SE	4	o		29.83	+ .14	44	43	+ 2	SE	6	o	5	49	42	-	
Kingstown ...	29.71	49	SSE	4	c		29.77	+ .09	49	44	+ 6	SSE	4	o	3	49	42	-	
Holyhead ...	29.72	51	NW	1	c		29.82	+ .15	51	50	+ 6	S	2	b	1	53	43	-	
Liverpool (Bidston) ...	29.75	49	ESE	2	b		29.89	+ .24	43	40	- 1	ESE	3	b	2	50	37	-	
Valencia ...	29.57	49	SE	6	r		29.59	- .03	50	49	+ 1	SE	6	rg	5	51	46	0.76	
Roche's Point ...	29.64	48	S	6	r		29.69	+ .05	50	49	+ 4	SSE	5	o	4	52	46	0.24	
Pembroke ...	29.71	50	S	1	b		29.77	+ .11	48	45	+ 1	SE	5	b	4	53	45	-	
Portishead ...	29.72	52	NW	2	c		29.85		43	42		N	4	o	2	55	36	-	
Scilly ...																			
Plymouth ...	29.74	50	S	3	b		29.78	+ .11	49	46	+ 3	SE	4	b	*	54	39	-	
Hurst Castle ...	29.75	52	NW	2	b		29.86	+ .21	48	48	+ 3	ENE	3	om	2	52	41	-	
Dover ...	29.76	48	ENE	3	b		29.89	+ .23	48	43	0	ENE	3	b	2	52	40	0.05	
London ...	29.76	52	NE	2	c		29.91	+ .25	45	42	- 3	ENE	2	b	*	55	37	0.04	
Oxford ...	*	*	*	*	*		29.90	+ .23	42	41	- 1	E	1	o	*	56	34	-	
Cambridge ...	29.77	48	NNE	1	b		29.94	+ .26	43	41	- 2	NE	1	b	*	56	31	-	
Yarmouth ...	29.78	45	NE	2	b		29.91	+ .25	43	40	- 2	NNE	2	b	3	48	38	0.02	
The Helder ...	*	*	*	*	*		29.88	+ .26	41	40	- 1	Z	0	c	*	*	*	0.04	
Cape Gris Nez ...	29.76	48	NE	1	b		29.88	+ .21	46	45	+ 1	NNE	3	b	2	54	39	-	
Brest ...	29.80	55	NE	1	o		29.73	- .02	48	43	0	ESE	3	b	3	55	43	-	
L'Orient ...	29.78	50	NW	3	b		29.75	- .03	48	45	0	ESE	3	b	3	57	41	-	
Rocheport ...	29.78	57	NW	3	b		29.72	- .01	50	48	- 2	ESE	3	b	3	57	37	-	
Biarritz ...	29.73	59	NW	4	b		29.56	- .30	52	46	0	E	4	o	4	?	46	-	
Corunna ...	*	*	*	*	*											*	*	*	
Brussels ...	*	*	*	*	*		29.89	+ .28	40	*	- 2	NW	3	o	*	*	*	0.07	
Charleville ...	*	*	*	*	*		29.87	+ .20	40	*	+ 3	NW	3	o	*	*	*	*	
Paris ...	29.73	53	NW	2	c		29.85	+ .19	46	*	0	NE	2	f	*	*	*	*	
Lyons ...	*	*	*	*	*		29.88	+ .06	43	*	- 8	N	2	b	*	*	*	*	
Toulon ...	29.73	54	NW	5	b		29.75	+ .06	52	43	+ 4	NW	3	o	4	57	46	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.84	48	37	NE	3	c	2	Valencia ....	29.57	49	47	SE	6	rg	6
Thurso .....	29.83	41	40	SE	4	o	3	Scilly .....							
Scarborough ...	29.79	42	40	ENE	2	c	3	London .....	29.72	53	46	NE	7	c	*
Greencastle ...	29.66	49	45	SH	2	o	*	Rocheport ...	29.75	55	50	NW	4	b	3
Holyhead .....	29.71	50	49	NNW	2	c	1								

Pressure has increased since the morning over Great Britain but has fallen at Valencia with a strong SE wind, rain and a rough

## 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.

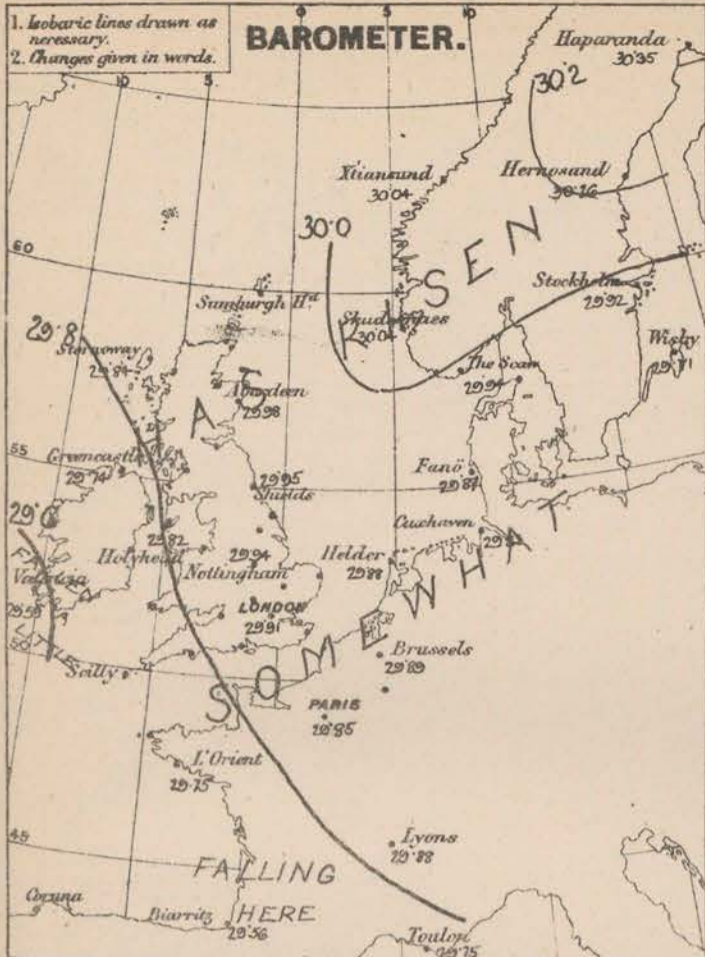
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Wednesday 25<sup>th</sup> APRIL 1877.

1. Isobaric lines drawn as necessary.
2. Changes given in words.

## BAROMETER.



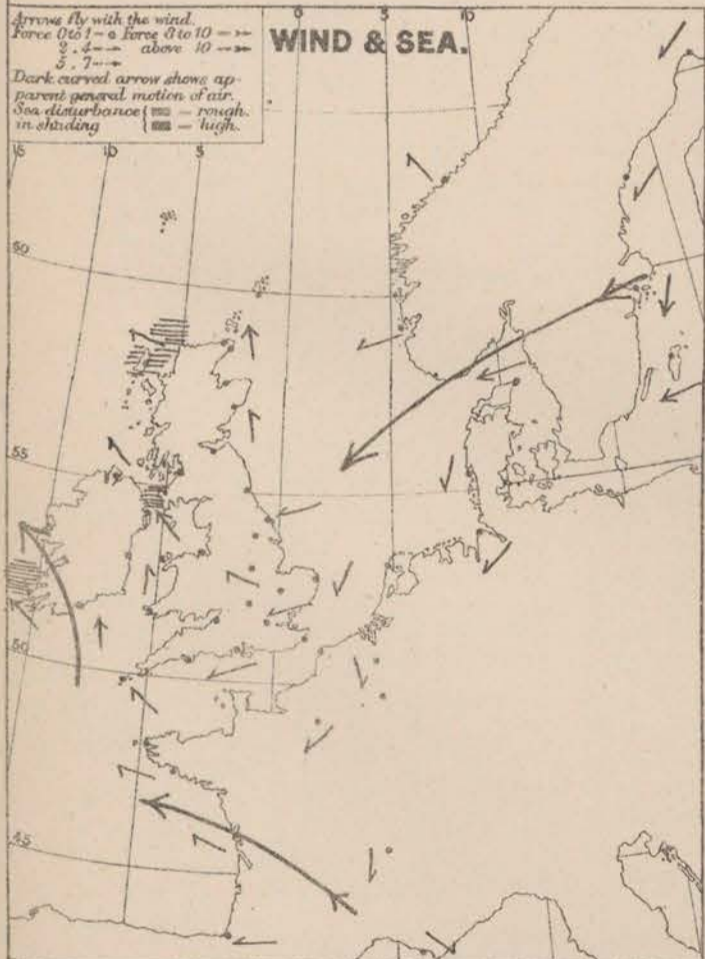
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

## TEMPERATURE.



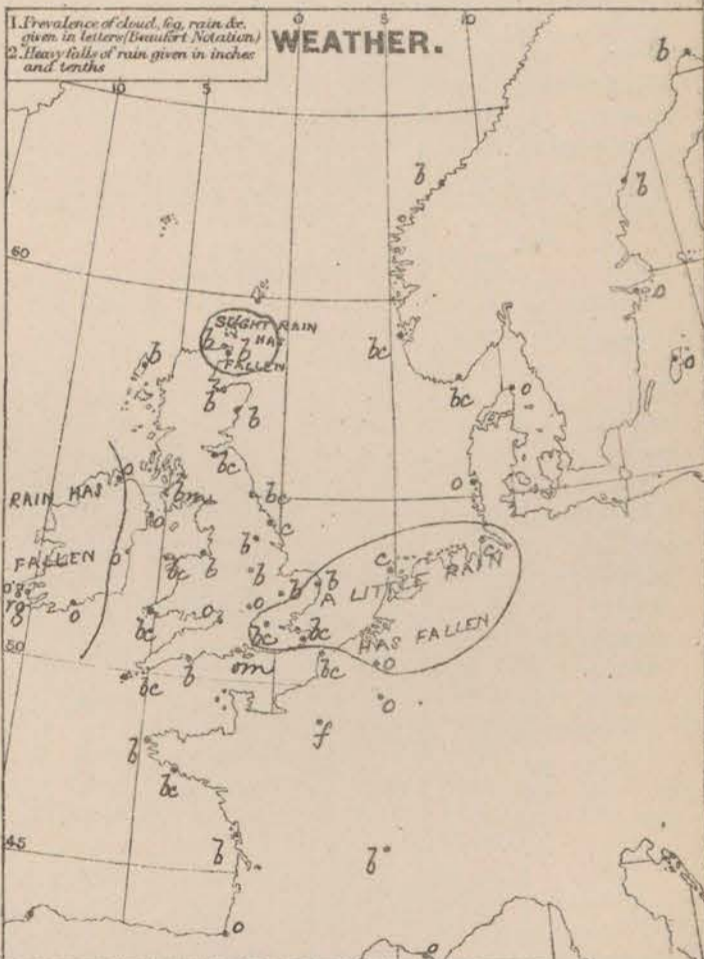
1. Force 0 to 10 —
  2. Force 10 to 20 —
  3. Force 20 to 30 —
  4. Force 30 to 40 —
  5. Force 40 to 50 —
  6. Force 50 to 60 —
  7. Force 60 to 70 —
  8. Force 70 to 80 —
  9. Force 80 to 90 —
  10. Force 90 to 100 —
- Dark curved arrow shows apparent general motion of air.  
Sea disturbance (—) rough in shoaling (—) high.

## WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (Bausch's Notation).
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** Pressure, after decreasing at our south western stations yesterday afternoon is now rising over the whole of these Islands and the greater part of the continent but in the south west of France a brisk decrease has set in. The highest readings are still reported from the extreme north, but pressure is now equally low off the south of Ireland and at Biarritz. Gradients are generally slight and the E<sup>ly</sup> breezes which prevail over France and on our east coast are light in force but over Scandinavia the wind is fresh from NE, and over Ireland strong from SE. Temperature has risen generally, and is now very uniform. The weather is overcast in Ireland as well as in the south of France but elsewhere the sky is generally clear or nearly so. At Valentia heavy rain has been falling and continues. The sea is moderate to slight.

Fannings were issued to our western coasts last evening, but the signals have been lowered this morning.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

# DAILY WEATHER REPORT APRIL 26<sup>TH</sup> 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 320 F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.32	33	Z	0	b	30.32	- .03	34	20	+ 4	Z	0	b	*	*	*	-
Hernösand ...	30.27	31	NE	2	b	30.32	+ .04	30	30	- 1	NE	2	b	*	*	*	-
Stockholm ...	30.13	34	NE	5	o	? 30.17	+ .25	36	31	+ 1	NE	4	s	*	*	*	-
Wisby ...	29.85	35	ENE	6	s	30.00	+ .29	35	34	0	ENE	6	s	*	*	*	0.04
Christiansund ...	30.12	40	Z	0	b	30.17	+ .13	41	36	- 1	SE	1	b	0	48	28	-
Skudesnaes ...	30.12	41	NE	2	c	30.17	+ .13	44	39	+ 1	ENE	2	b	2	46	41	-
Oxö (Xtiansand) ...	30.10	39	NE	4	c	30.13	+ .14	37	32	+ 1	NE	6	b	3	39	34	-
Skagen (The Saaw) ...	30.08	38	ENE	4	o	30.11	+ .17	36	32	+ 1	ENE	3	c	3	46	32	-
Fanö ...	30.01	39	ENE	4	o	30.03	+ .16	39	36	+ 2	NE	4	c	*	41	36	-
Cuxhaven ...	29.88	?	ENE	2	c	30.01	+ .18	41	34	+ 2	NE	2	b	*	38	39	-
Sumburgh Head																	
Stornoway	29.93	53	ESE	3	b	30.10	+ .26	44	40	0	ESE	3	b	4	53	31	-
Thurso ...	30.05	44	SSE	4	b	30.16	+ .21	43	41	0	SE	1	b	2	50	33	-
Wick ...	29.97	43	SE	5	b	30.16	+ .19	42	40	0	SE	2	b	2	50	36	-
Nairn ...	29.99	47	SE	1	b	30.14	+ .23	42	38	- 1	SE	1	b	1	52	32	-
Aberdeen ...	30.07	43	SSE	3	b	30.14	+ .16	42	39	0	E	3	b	3	48	38	-
Leith ...	30.01	44	ENE	3	b	30.10	+ .21	41	38	- 1	E	4	o	*	49	36	-
Shields ...	30.01	43	E	3	c	30.05	+ .10	41	39	- 2	E	3	o	3	45	38	0.02
York ...	29.99	44	SE	2	c	30.04	+ .09	42	39	+ 1	ENE	1	o	*	48	39	-
Scarborough ...	30.00	42	E	3	c	30.05	+ .11	41	39	- 3	E	3	o	3	45	40	-
Nottingham ...	29.87	44	SE	3	o	30.02	+ .08	42	40	- 2	SE	3	o	*	52	36	-
Ardrossan ...	29.95	50	NE	3	b	30.08	+ .20	42	38	0	ENE	3	c	2	56	37	-
Greencastle ...	29.94	51	SE	2	o	29.97	+ .23	42	39	- 4	E	3	o	*	55	39	-
Donaghadee ...	29.90	48	SE	5	c	30.00	+ .17	43	39	- 1	ESE	6	c	5	50	42	-
Kingstown ...	29.85	51	SSE	3	c	29.92	+ .15	46	42	- 3	ESE	5	c	4	57	44	-
Holyhead ...	29.86	51	VV	1	c	29.92	+ .10	44	44	- 7	E	5	c	4	55	32	-
Liverpool (Bidston) ...	29.90	51	E	3	c	29.99	+ .10	41	38	- 2	ENE	3	o	2	54	37	-
Valencia ...	29.61	52	ESE	6	c	29.61	+ .02	49	47	- 1	E	7	ow	5	54	47	0.07
Roche's Point...	29.74	53	SE	5	c	29.74	+ .05	47	47	- 3	ESE	6	f	5	55	45	0.29
Pembroke ...	29.77	52	ESE	6	b	29.82	+ .05	44	41	- 4	ESE	7	b	4	53	42	-
Portishead ...	29.83	52	ENE	6	o	29.93	+ .08	42	40	- 1	NE	5	b	4	37	35	-
Scilly ...																	
Plymouth ...	29.78	50	ESE	6	b	29.82	+ .04	47	45	- 2	ESE	6	o	*	56	44	-
Hurst Castle ...	29.85	50	SE	4	b	29.91	+ .05	46	46	- 2	E	4	b	3	52	41	-
Dover ...	29.91	45	ENE	3	b	29.95	+ .06	47	42	- 1	ESE	3	b	2	49	43	-
London ...	29.92	46	E	2	c	29.96	+ .05	43	41	- 2	E	3	o	*	54	37	-
Oxford ...	*	*	*	*	*	29.96	+ .06	44	41	+ 2	E	2	o	*	54	34	-
Cambridge ...	29.93	46	NE	1	o	29.99	+ .05	43	41	0	ENE	1	o	*	55	31	-
Yarmouth ...	29.95	44	NE	2	b	29.99	+ .08	43	41	0	E	3	c	3	47	40	0.01
The Helder ...	*	*	*	*	*	30.01	+ .13	42	40	+ 1	ENE	1	c	*	*	*	-
Cape Gris Nez	29.89	45	NE	3	b	29.93	+ .05	43	41	- 3	E	1	c	0	52	37	-
Brest ...	29.69	59	ESE	3	o	29.75	+ .02	52	48	+ 4	SE	3	b	3	61	46	-
L'Orient ...	29.69	55	SE	3	b	29.78	+ .03	50	46	+ 2	ESE	3	b	3	61	46	-
Rochefort ...	29.60	57	E	3	b	? 29.72	0.00	55	54	+ 5	ESE	3	b	3	?	39	-
Biarritz ...	29.55	61	E	4	o	29.78	+ .22	57	55	+ 5	SW	3	c	3	66	46	0.06
Corunna ...	*	*	*	*	*			*	*						*	*	*
Brussels ...	*	*	*	*	*	29.94	+ .05	39	*	- 1	NNW	3	o	*	*	*	-
Charleville ...	*	*	*	*	*	?	?	40	*	0	NNE	3	b	*	*	*	*
Paris ...	29.80	54	NE	3	b	29.87	+ .02	41	*	- 5	NE	3	b	*	*	*	-
Lyons ...	*	*	*	*	*	29.83	- .05	56	*	+ 13	N	2	m	*	*	*	*
Toulon ...	29.70	64	E	4	o	29.80	+ .05	52	46	0	E	3	c	2	64	50	0.16

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.08	46	37	NNW	2	b	2	Valencia .....	29.63	52	48	ESE	6	o	5
Thurso .....	30.01	48	43	SSE	4	b	3	Scilly .....							
Scarborough ...	29.98	42	39	ENE	3	b	3	London .....	29.91	49	44	E	2	o	*
Greencastle ...	29.80	54	48	SE	3	o	*	Rochefort ...	29.62	64	55	E	3	o	3
Holyhead .....	29.87	52	52	NNE	1	c	o								

The barometer has risen since the morning at all stations except London, but it has been steady at Valencia since noon. The wind is strong in the SW.

## EXPLANATION OF COLUMNS.

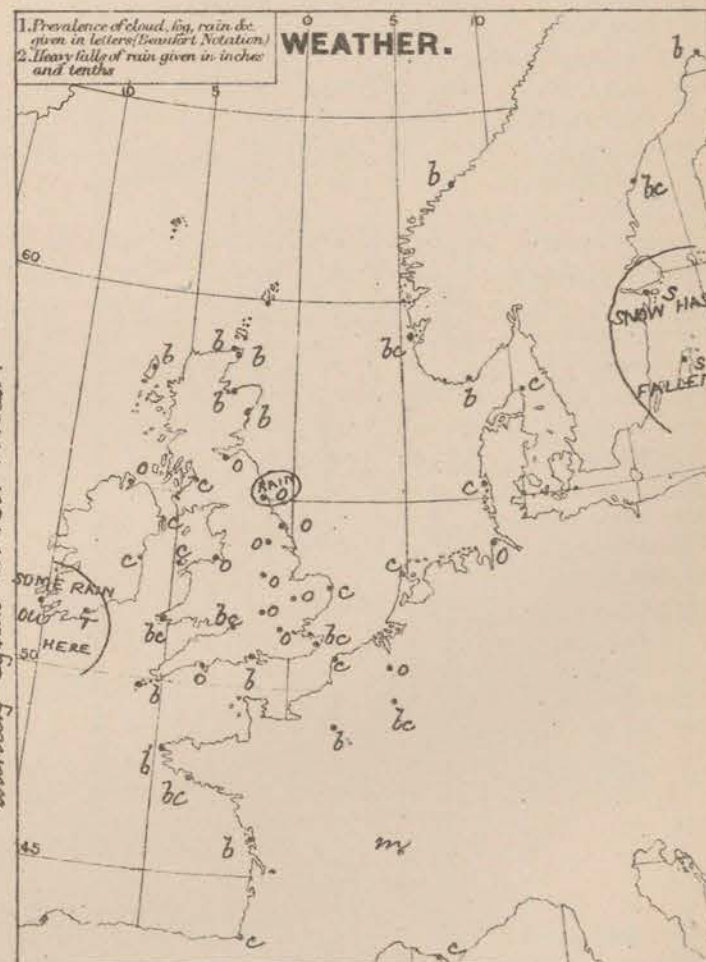
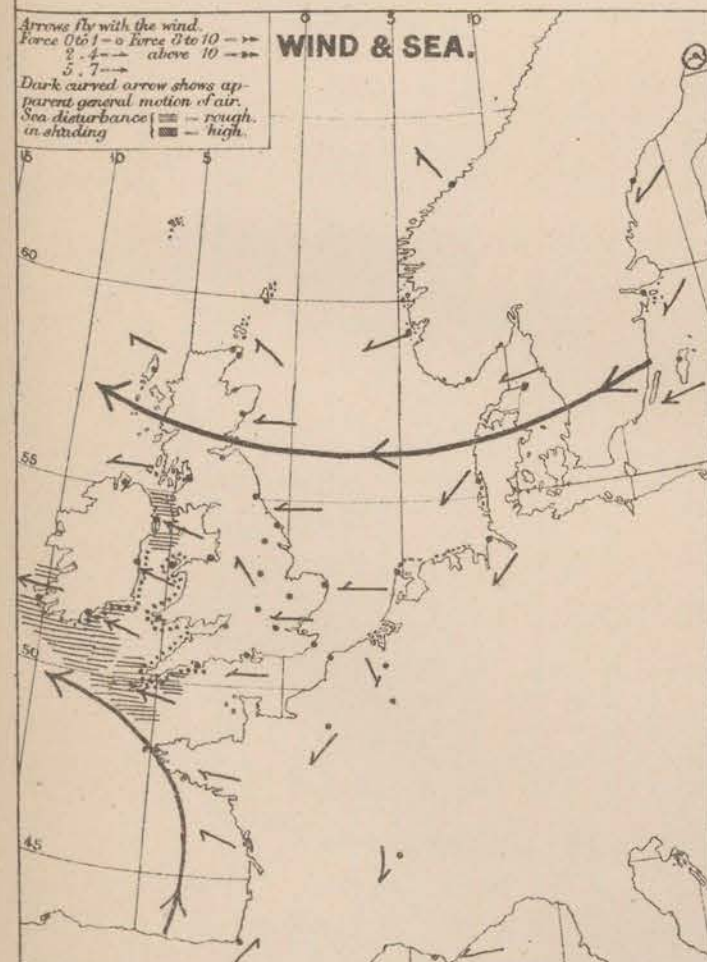
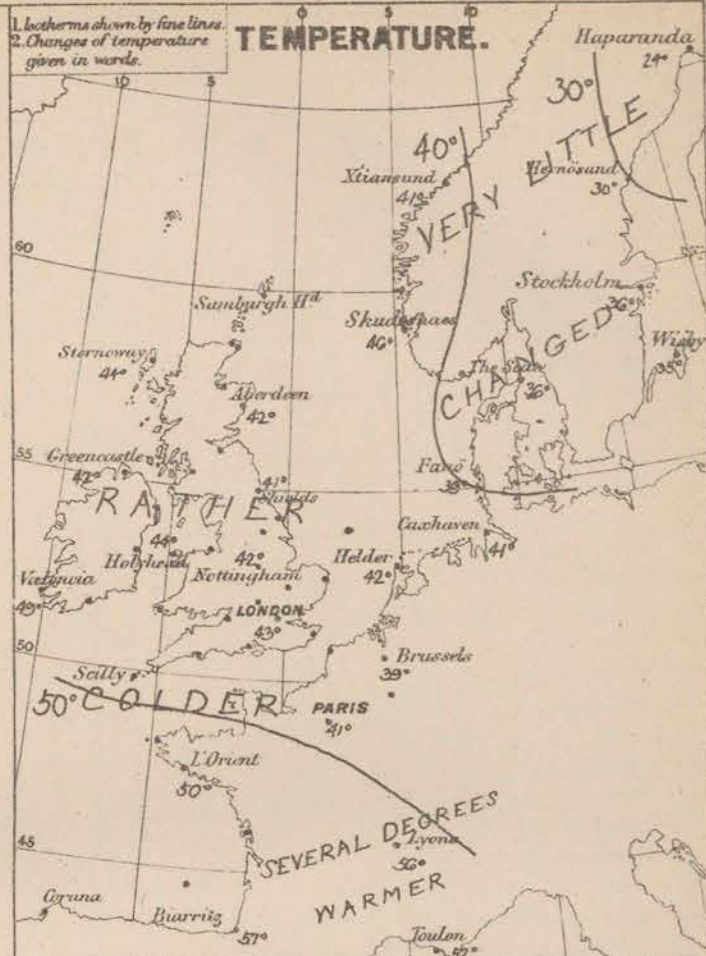
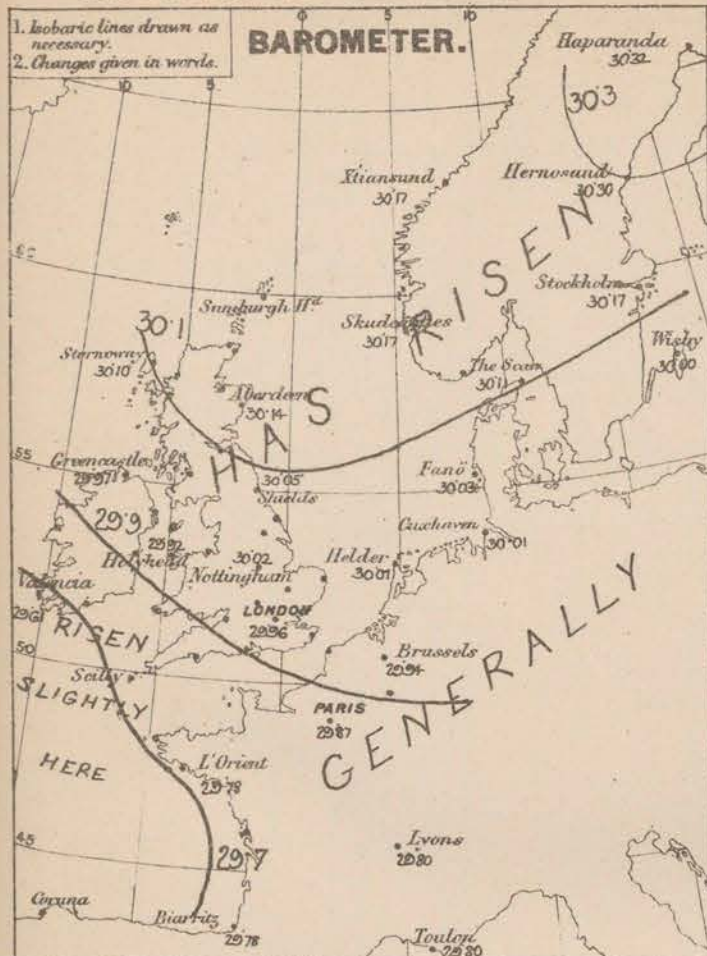
**WEATHER.**—Beaufort Scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Thursday 26<sup>th</sup> APRIL 1877.



**REMARKS.** Pressure is rising slowly over the whole of Western Europe, the greatest increase being reported from our north western stations. It still remains steadily highest in the extreme north, while over the Bay of Biscay and off our south western coasts a large area of low readings is lying. The wind is NE<sup>ly</sup> on the eastern shores of the North Sea but E<sup>ly</sup> over these islands and France except that at Biarritz a light SW breeze is reported. In most places the wind is light or moderate in force but during last night it blew a fresh gale at the entrance to the Channel, and there, as well as at most of our western stations, it still blows strongly. Temperature has scarcely changed, and is uniformly low over the whole country. The sky is overcast in the west, with rain at Cork, but elsewhere the weather is generally dry. The sea is rough in the south west, moderate or slight on all other coasts. Warnings were issued to our south west coasts last evening.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 4/- per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

# DAILY WEATHER REPORT APRIL 27<sup>th</sup> 1877.

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.	
			Dirco.	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.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...														*	*	*		
Hernösand ...														*	*	*		
Stockholm ...														*	*	*		
Wisby ...														*	*	*		
Christiansund ...														*	*	*		
Skudesnaes ...														*	*	*		
Oxö (Xtiansand)														*	*	*		
Skagen (The Scaw)	30.12	38	ENE	3	o	30.10	- .01	36	35	o	E	3	o	2	43	32	0.04	
Fanö ...	30.04	39	NNE	2	c	30.02	- .01	40	39	+ 1	NE	4	c	*	45	36	-	
Cuxhaven ...	30.01	?	NNE	2	o	30.03	+ .02	43	42	+ 2	ENE	2	o	*	*	39	-	
Sumburgh Head																		
Stornoway	30.08	50	ESE	5	b	30.11	+ .01	44	39	o	E	5	b	5	51	36	-	
Thurso ...	30.16	45	ESE	2	b	30.16	.00	45	43	+ 2	ESE	1	b	0	53	30	-	
Wick ...	30.17	41	E	1	b	30.16	.00	44	43	+ 2	E	1	b	0	50	28	-	
Nairn ...	30.13	44	SE	2	b	? 30.14	.00	41	37	- 1	E	1	b	1	50	30	-	
Aberdeen ...	30.14	42	E	3	b	30.14	.00	42	38	o	SE	3	b	3	48	38	-	
Leith ...	30.10	43	E	2	o	30.08	- .02	41	39	o	ESE	3	c	*	45	38	0.01	
Shields ...	30.07	42	E	4	o	30.08	+ .03	41	37	o	E	3	o	3	43	39	0.02	
York ...	30.05	44	E	1	o	30.05	+ .01	41	38	- 1	E	1	o	*	47	38	0.02	
Scarborough ...	30.06	42	E	3	o	30.05	.00	41	39	o	E	3	o	3	44	40	-	
Nottingham ...	30.01	44	ESE	4	o	? 29.96	- .06	41	39	- 1	SE	4	o	*	49	38	0.02	
Ardrossan ...	30.04	42	E	4	o	30.03	- .05	42	38	o	E	4	om	3	47	40	-	
Greencastle ...	29.95	45	E	3	o	29.91	- .05	42	39	o	E	3	o	*	46	40	-	
Donaghadee ...	30.00	43	SE	6	c	29.96	- .04	43	40	o	SE	7	o	6	47	41	-	
Kingstown ...	29.88	49	E	5	c	29.84	- .08	45	42	- 1	ESE	5	b	4	50	44	-	
Holyhead ...	29.97	47	E	6	c	29.86	- .06	45	45	+ 1	E	5	b	4	52	45	-	
Liverpool (Bidston)	29.95	45	E	4	o	29.93	- .06	42	38	+ 1	E	4	o	3	47	40	-	
Valencia ...	29.62	50	E	6	o	29.52	- .09	48	46	- 1	E	7	tu	6	52	47	0.06	
Roche's Point...	29.74	48	ESE	6	T	29.66	- .08	46	46	- 1	E	7	T	5	50	45	0.56	
Pembroke ...	29.77	51	ESE	7	b	29.71	- .11	45	42	+ 1	SE	7	c	4	51	42	2.0	
Portishead ...	29.89	47	NE	5	b	29.84	- .09	44	42	+ 2	ENE	7	cu	5	51	37	-	
Scilly ...																		
Plymouth ...	29.81	48	E	6	b	29.68	- .14	46	45	- 1	ENE	8	o	*	54	44	-	
Hurst Castle ...	29.89	51	SE	4	c	29.81	- .10	47	46	+ 1	E	5	o	4	51	43	-	
Dover ...	29.95	47	E	3	b	29.90	- .05	49	44	+ 2	E	4	b	3	50	45	-	
London ...	29.96	47	E	3	c	29.90	- .06	46	42	+ 3	E	4	o	*	50	39	-	
Oxford ...	*	*	*	*	*	29.91	- .05	45	42	+ 1	E	2	o	*	51	37	-	
Cambridge ...	29.99	45	NE	1	o	29.96	- .03	44	41	+ 1	NE	1	o	*	50	35	-	
Yarmouth ...	30.01	44	E	3	b	29.99	.00	44	41	+ 1	E	4	b	3	45	41	-	
The Helder...	*	*	*	*	*	30.00	- .01	43	41	+ 1	NE	2	b	*	*	*	-	
Cape Gris Nez	29.91	46	NE	4	b	29.89	- .04	45	41	+ 2	E	3	b	2	50	36	-	
Brest ...	29.76	63	S	1	c	29.57	- .18	54	54	+ 2	E	3	T	3	?	50	0.75	
L'Orient ...																		
Rochefort ...	29.76	59	SE	3	b	29.58	- .14	57	54	+ 2	SE	3	b	3	68	41	-	
Biarritz ...	29.71	63	NE	2	c	29.61	- .17	66	57	+ 9	S	4	T	3	68	54	-	
Corunna ...	*	*	*	*	*									*	*	*		
Brussels ...	*	*	*	*	*	29.90	- .04	41	*	+ 2	ENE	3	b	*	*	*	-	
Charleville ...	*	*	*	*	*	? 29.85	?	46	*	+ 6	ENE	3	b	*	*	*		
Paris ...	29.84	60	NE	2	b	29.81	- .06	46	*	+ 5	NNE	3	o	*	*	*	-	
Lyons ...	*	*	*	*	*	29.87	+ .04	55	*	- 1	E	2	b	*	*	*		
Toulon ...	29.89	57	Z	o	b	29.90	+ .10	55	48	+ 3	E	3	b	2	64	57	-	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.13	48	38	NNE	3	b	2	Valencia ...	29.63	51	48	E	7	om	6
Thurso .....	30.16	51	45	ESE	1	b	1	Scilly .....							
Scarborough ...	30.06	44	42	ENE	3	o	3	London .....	29.96	48	44	E	2	o	*
Greencastle ...	29.97	45	40	SE	3	o	*	Rochefort ...	29.79	?	?	SE	3	o	3
Holyhead .....	29.91	48	48	E	6	c	4								

Pressure is steady in all places, but the wind continues strong from E. in the S.W.  
Signals lowered this afternoon.

## 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# DAILY WEATHER REPORT APRIL 28<sup>th</sup> 1877.

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 yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.06	26	Z	0	bc	29.94	-.27	23	21	+ 6	N	2	b	*	*	*	-	
Hernösand ...	30.18	34	Z	0	b	30.04	-.74	27	33	+ 5	ESE	2	b	*	*	*	-	
Stockholm ...	30.06	33	E	2	b	30.02	-.08	39	35	+ 2	NE	2	b	*	*	*	-	
Wisby ...	30.02	33	ESE	4	b	29.99	-.06	45	41	+ 4	SE	4	bc	*	*	*	-	
Christiansund ...	29.77	41	N	2	b	30.11	-.05	41	38	+ 1	E	1	b	1	45	25	-	
Skudesnaes ...	30.06	41	N	2	bc	30.01	-.12	49	42	+ 5	NNE	2	c	2	?	41	-	
Oxö (Xiänsand) ...	30.08	38	NE	4	t	30.00	-.13	37	37	- 2	NE	4	t	2	39	34	-	
Skagen (The Saaw) ...	30.04	39	E	3	o	29.99	-.11	39	38	+ 3	E	3	o	1	41	34	-	
Fanö ...	29.98	39	ENE	4	bc	29.89	-.13	39	39	- 1	ENE	4	c	*	43	36	-	
Cuxhaven ...	29.96	?	ENE	3	o	29.85	-.18	41	40	- 2	E	4	o	*	?	37	-	
Sumburgh Head ...																		
Stornoway ...	30.03	46	NE	6	b	30.05	-.06	43	38	- 1	ENE	5	b	6	48	35	-	
Thurso ...	30.12	43	ENE	2	b	30.07	-.09	44	40	- 1	ENE	2	n	2	50	39	-	
Wick ...	30.11	44	NE	2	b	30.07	-.09	45	40	+ 1	E	2	b	0	53	38	-	
Nairn ...	30.05	44	E	4	b	30.03	-.11	43	39	+ 2	E	1	b	1	51	34	-	
Aberdeen ...	30.06	43	E	3	b	30.01	-.13	43	39	+ 1	ENE	3	b	2	47	41	-	
Leith ...	30.01	43	E	3	bc	29.96	-.12	42	40	+ 1	E	3	c	*	49	38	-	
Shields ...	29.91	42	E	5	c	29.92	-.16	41	39	0	E	3	bc	2	45	39	0.03	
York ...	29.95	42	E	3	o	29.87	-.18	42	39	+ 1	NE	2	o	*	49	38	0.01	
Scarborough ...	29.96	40	E	4	t	29.88	-.17	42	40	+ 1	ENE	4	o	4	45	38	0.04	
Nottingham ...	29.86	43	SE	6	o	29.83	-.13	43	40	+ 2	ENE	5	o	*	51	38	-	
Ardrossan ...	29.93	48	E	5	b	29.94	-.09	44	39	+ 2	E	4	c	3	53	37	-	
Greencastle ...	29.85	48	E	4	bc	29.87	-.05	41	37	- 1	E	4	o	*	50	39	-	
Donaghadee ...	29.86	44	ESE	7	c	29.87	-.09	43	40	0	E	7	bc	6	49	40	-	
Kingstown ...	29.74	48	E	6	o	29.77	-.07	44	42	- 1	ESE	4	a	4	49	43	-	
Holyhead ...	29.72	47	E	8	c	29.79	-.07	44	43	- 1	E	6	o	4	51	40	-	
Liverpool (Bidston) ...	29.81	46	ENE	6	o	29.83	-.10	40	38	- 2	ENE	3	o	3	49	40	-	
Valencia ...	29.56	48	ENE	4	P	29.58	+ .06	51	48	+ 3	ENE	4	c	4	51	45	0.24	
Roche's Point...	29.64	47	E	7	t	29.65	-.01	47	47	+ 1	E	6	t	5	49	45	1.98	
Pembroke ...	29.58	47	E	7	o	29.70	-.05	42	42	- 3	E	4	o	3	51	42	0.03	
Portishead ...	29.67	46	ENE	7	o	29.75	-.09	40	40	- 4	ENE	4	o	5	50	38	0.38	
Seilly ...																		
Plymouth ...	29.61	45	E	6	o	29.69	+ .01	46	45	0	E	4	o	*	52	43	0.49	
Hurst Castle ...	29.66	50	ENE	5	o	29.70	-.11	45	45	- 2	NE	4	o	3	50	40	0.19	
Dover ...	29.74	47	E	5	b	29.66	-.24	45	43	- 4	NE	3	og	2	50	43	-	
London ...	29.76	46	E	5	c	29.72	-.18	45	41	- 1	ENE	4	o	*	50	42	-	
Oxford ...	*	*	*	*	*	29.75	-.16	43	41	- 2	NE	1	t	*	54	40	0.02	
Cambridge ...	29.83	46	NE	2	o	29.75	-.21	45	41	+ 1	NE	1	o	*	51	38	-	
Yarmouth ...	29.80	44	ENE	6	bc	29.72	-.27	44	41	0	ENE	5	c	5	47	41	-	
The Helder ...	*	*	*	*	*	29.71	-.29	43	41	0	NE	4	b	*	*	*	-	
Cape Gris Nez ...	29.71	48	E	7	c	29.66	-.23	45	43	0	NE	2	t	1	50	39	0.16	
Brest ...																		
L'Orient ...	29.65	54	WSW	3	c	29.72	+ .14	54	52	0	SW	3	t	5	57	46	0.20	
Rochefort ...	29.68	57	WSW	3	bc	29.76	+ .18	55	54	- 2	W	3	b	3	64	43	?	
Biarritz ...	29.69	64	WSW	3	t	29.81	+ .20	55	50	- 11	S	3	bc	3	68	46	0.08	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.56	-.34	44	*	+ 3	ENE	3	o	*	*	*	-	
Charleville ...	*	*	*	*	*	? 29.58	-.27	50	*	+ 4	SW	3	t	*	*	*	*	
Paris ...	29.60	64	ENE	3	o	29.67	-.14	52	*	+ 6	W	3	o	*	*	*	0.32	
Lyons ...	*	*	*	*	*	29.76	-.11	57	*	+ 2	S	2	t	*	*	*	*	
Toulon ...	29.87	54	SE	2	m	29.75	-.15	54	54	- 1	W	3	m	3	59	?	0.04	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.08	47	39	E	2	b	2	Valencia ...	29.55	48	46	E	6	m	5
Thurso .....	30.13	47	44	ENE	2	bc	2	Scilly .....							
Scarborough ...	30.01	42	39	E	3	o	3	London .....	29.82	48	43	E	5	c	#
Greencastle ...	29.89	45	40	E	4	o	#	Rochefort ...	29.65	55	54	NE	3	o	3
Holyhead .....	29.77	49	49	E	8	b	6								

*Pressure is now recovering somewhat at Valencia but still falls elsewhere. The wind has increased to a fresh gale in the W.*

## EXPLANATION OF COLUMNS.

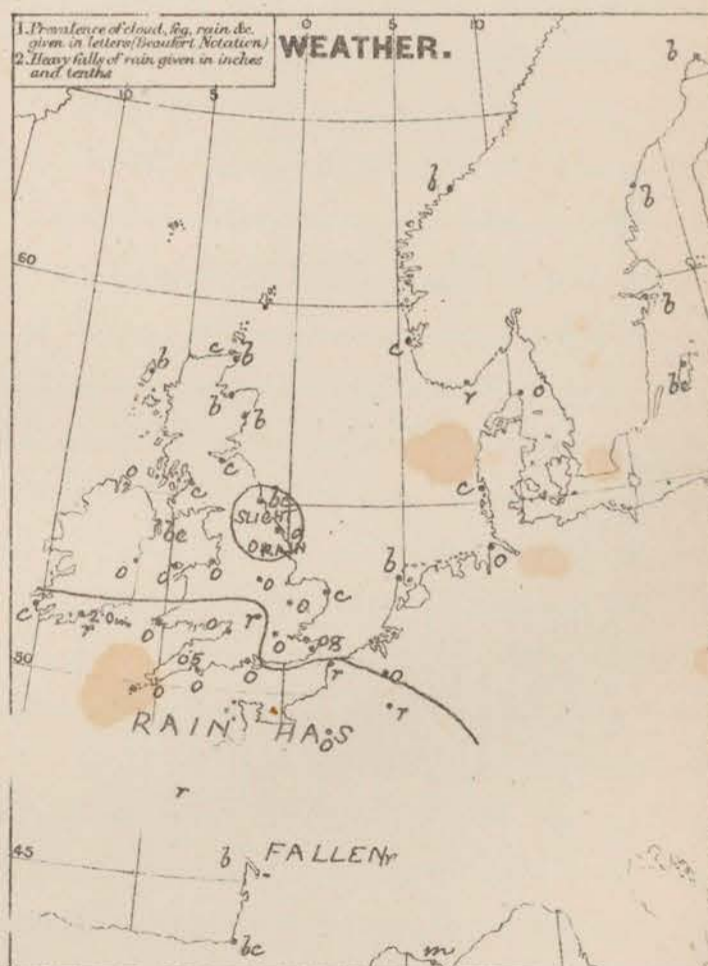
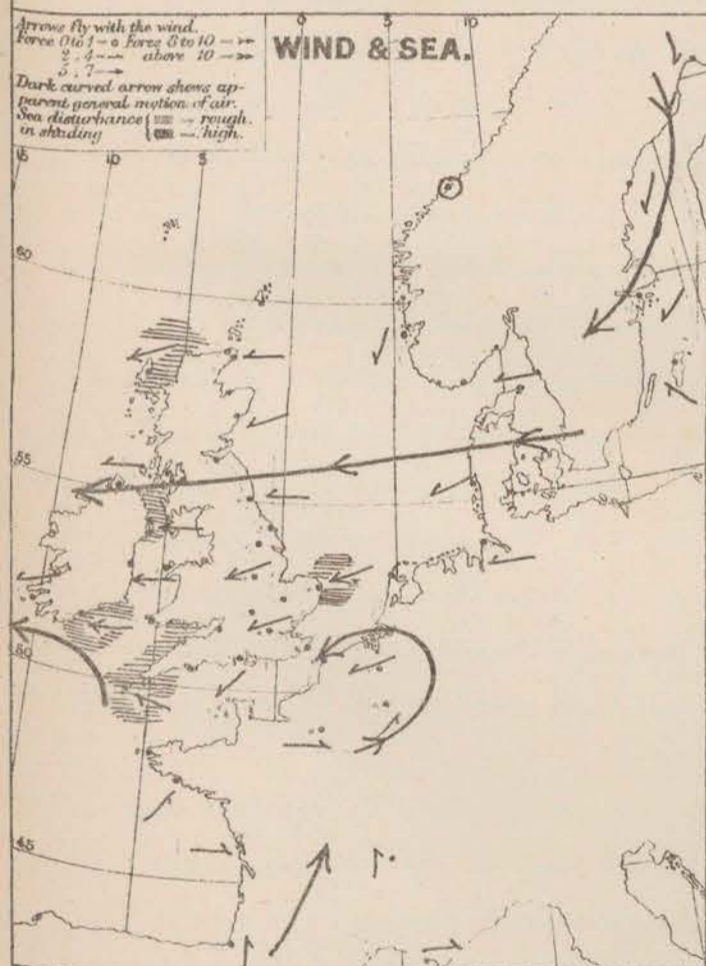
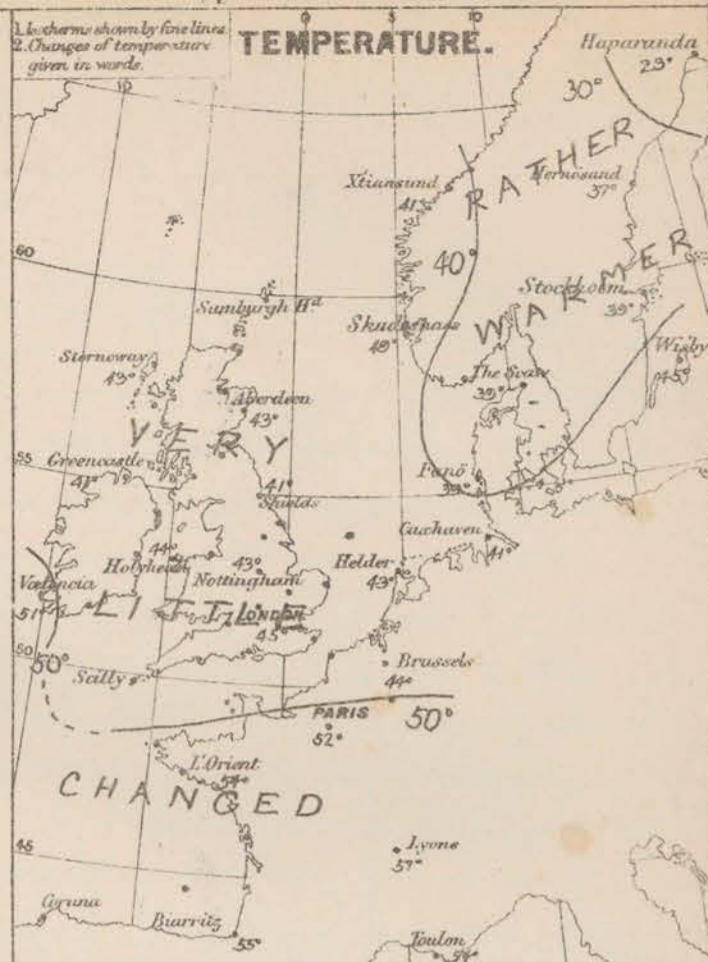
**WEATHER**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Saturday 28<sup>th</sup> APRIL 1877.



REMARKS. The large area of low readings which lay to the SW<sup>rd</sup> of these Islands yesterday morning appears to have been composed of two small depressions, one of which still lies off the south west of Ireland, while the second passed across the Bay of Biscay and the north of France and now lies over the Netherlands. The mercury has consequently fallen at our eastern and south eastern stations as well as in North Germany and Scandinavia, while in the south west of France it has risen rather briskly and, at our western stations slowly. The wind at the same time has veered to W. in France, but still remains NE<sup>ly</sup> to E<sup>ly</sup> elsewhere. It blew with the force of a fresh or moderate gale in the west yesterday, and, though generally moderate now, still blows rather strongly in the north west. Temperature is still low and is changing little and irregularly. The weather is overcast except in the north. Heavy rain has fallen at Cork and a little at the other south western stations but elsewhere the weather is dry. The sea is rough at the entrance to the Channel and in the Irish, moderate on our other coasts.

Subscriptions for these Charts payable in advance to cover delivery. Delivery by hand 1/4 per quarter, book post 3/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

**R. H. SCOTT.**  
Director.

Langerfeldt last 22 Dec 1961 : Current Garden

# SUMMARY OF WEATHER IN WESTERN EUROPE

from APRIL 22<sup>nd</sup> to APRIL 28<sup>th</sup> 1877.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

During the whole of this week the highest pressures (about 30.3 inches), have been found in the extreme North, and the lowest somewhere in the neighbourhood of these Islands. On the first three days, the latter lay off our NW and N.W. coasts, so that SE<sup>ly</sup> breezes prevailed at all the more E<sup>m</sup> and N<sup>m</sup> stations, and N.W. in the S. and S.W. but on Thursday the area of lowest readings became established in the S.W. and E<sup>ly</sup> to ESE<sup>ly</sup> winds prevailed over nearly the whole of our area. The winds generally has been moderate or fresh in force, but in the early part of the week it rose to a fresh gale in Caithness, and on Saturday reached a similar force from E. in the Irish Sea. Temperature has been very low for the time of year. During the last few days the weather has been generally dry, and in many places fine, while in the early portion of the week it was showery with some thunder.

APRIL 22<sup>nd</sup> The barometer was falling in all parts of Western Europe, and a large area of low readings stretched from the N.W. across these Islands to the North of France. Pressure was still high over Sweden so that <sup>the</sup> SE<sup>ly</sup> winds, which prevailed at all places on the N<sup>m</sup> side of this area, was generally strong in force, and blew a fresh to hard gale in the NE. of Scotland. On our NW and SW coasts as well as over the Bay of Biscay moderate N<sup>ly</sup> to N.W. breezes prevailed. Temperature had risen over France, and the greater part of England, but fallen elsewhere. At our North Eastern stations it was low. The sky was cloudy except in Norway, Denmark and the South of Ireland, and heavy rain was falling in the NE. Later Reports showed very little change.

APRIL 23<sup>rd</sup> Pressure had increased <sup>and</sup> slightly in the N. of Scotland, but in all other places a further decrease was reported. The area of low readings now stretched from N. to E. across these Islands, so that the winds had backed from N.W. to N. at all our more SW and many of the French stations. In the Bay of Biscay, however, the wind remained N.W., while on our NE<sup>m</sup> and N<sup>m</sup> coasts as well as over the North Sea, the wind continued E<sup>ly</sup> and still blew strongly or with the force of a gale. Temperature had fallen everywhere and was very low over the United Kingdom for the time of year. The sky was moderately clear in the SE. but was cloudy elsewhere with rain at Valencia. During the previous 24 hours hail, snow, and rain had occurred in different parts of the country. In the evening the lowest pressures were shown over the Irish Sea, and the mercury was rising at all but our SW stations.

APRIL 24<sup>th</sup> The barometer had risen slightly at all our own, and fallen at most of the Continental stations. The changes had, however, nowhere been very great, and pressure continued relatively low over these Islands, and high both over Sweden and in the SW of Europe. In consequence the E<sup>ly</sup> current, though much reduced in force still prevailed over the whole of the N<sup>m</sup> part of our area, while in the S. N.W. breezes continued steadily. In the South of Ireland, however, a S<sup>ly</sup> wind was reported. Temperature had risen slightly except in the Netherlands, where, as well as at our NE<sup>m</sup> stations it remained low. The sky was clear over France, and the weather was fine in all other places except W. During the day the barometer began to fall in the S. of Ireland, and the S<sup>ly</sup> winds there was blowing strongly in the evening.

APRIL 25<sup>th</sup> The decrease of pressure reported from the SW of Ireland had ceased, and the barometer was rising in all parts of these Islands as well as at most of the Continental stations, but in the SW of France a rather brisk decrease had appeared. In consequence readings were <sup>now</sup> equally low in France, and off the N. of

Ireland, so that the wind had shifted from NW to E. at the French stations, while in the N. and N. of these Islands S<sup>ly</sup> breezes continued. The wind remained NE<sup>ly</sup> on both shores of the North Sea. Temperature had risen slightly in most places, and the weather was fine except in the N. where the sky was overcast with rain at Valentia. Later in the day, the barometer was falling at all the French stations, but elsewhere it continued to rise.

APRIL 26<sup>th</sup> The depression from the S. of France had apparently moved slightly NW<sup>ly</sup>, and a large area of low readings now lay to the SW<sup>ly</sup> of the United Kingdom, while the highest pressure remained steady over the Gulf of Bothnia. The Easterly current therefore prevailed over almost the whole of our area, and while it was generally light in force blew freely or strongly at our SW<sup>ly</sup> stations. Temperature had scarcely changed and was low everywhere. The weather continued overcast in the N. and at many of the English stations, but elsewhere the sky was clear or nearly so. During the day no change occurred in the general distribution.

APRIL 27<sup>th</sup> At all the more NW<sup>ly</sup> stations pressure had been almost stationary, but in the SW and N. a fresh fall had occurred. In consequence, while the general distribution remained the same as on the previous day gradients had become steeper in the N. and the E<sup>ly</sup> to SE<sup>ly</sup> winds which still prevailed on nearly all coasts blew with the force of a fresh gale at Plymouth, and of a moderate gale at our other SW<sup>ly</sup> stations. In the N. of France the wind was S<sup>ly</sup>. The changes in temperature over these Islands continued extremely slight, but at Biarritz it had risen several degrees. The sky was clear at the more NW<sup>ly</sup> stations, and also in the E. of France, but was cloudy elsewhere with rain in the SW. Later Reports showed that the area of low readings had been composed of two depressions, one of which had advanced by 6 P.M. NW<sup>ly</sup> to the St George Channel, while the other had moved NE<sup>ly</sup> to the neighbourhood of Paris. The E<sup>ly</sup> wind in the Irish Sea had at the same time increased to a fresh gale.

APRIL 28<sup>th</sup> The barometer had risen rather briskly in the SW of France, but in nearly all other places it had fallen. The two depressions had continued to travel in their several directions, the centre of one being found over the Netherlands, and that of the other off the S. of Ireland. The wind was NW<sup>ly</sup> over France, but E<sup>ly</sup> elsewhere, it had, however, decreased in force, and was now generally moderate to fresh. Temperature was still low in most places and was changing little and irregularly. The weather remained fine in Scotland, but was dull in most other places. Later in the day a recovery in pressure occurred at all our stations, and the wind fell still lighter.

# DAILY WEATHER REPORT

APRIL 29<sup>TH</sup> 1877.

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.			
Haparanda ...	29.94	35	NW	2	b	29.88	- .06	34	29	+ 11	Z	0	b	*	*	*	-		
Hernösand ...	29.97	35	Z	0	b	29.91	- .13	35	31	- 2	NNE	2	b	*	*	*	-		
Stockholm ...	29.93	39	Z	0	b	29.89	- .13	44	39	+ 5	SW	2	b	*	*	*	-		
Wisby ...	29.94	40	ESE	4	b	29.85	- .14	43	40	- 2	ENE	4	b	*	*	*	-		
Christiansund ...	30.04	40	NE	4	b	29.95	- .16	39	37	- 2	SW	4	c	0	45	32	-		
Skudesnaes ...	29.99	46	NNE	2	b	29.97	- .04	49	43	0	N	1	b	1	?	46	-		
Oxö (Tiansand) ...	29.96	41	ENE	2	b	29.93	- .07	39	35	+ 2	NNW	4	b	2	45	36	-		
Skagen (The Swab) ...	29.95	41	ENE	2	b	29.93	- .06	42	39	+ 3	E	2	b	0	55	34	-		
Fanö ...	29.87	40	NE	4	c	29.84	- .05	50	45	+ 11	ENE	4	b	*	50	36	-		
Cuxhaven ...	29.74	?	E	4	o	29.74	- .11	44	43	+ 3	NE	5	o	*	+	40	0.04		
Sumburgh Head ...	30.04	46	ENE	4	b	30.10	+ .05	46	43	+ 3	NE	1	b	4	47	37	-		
Stornoway ...	30.06	44	NE	1	b	30.10	+ .03	44	42	0	NNE	1	c	1	53	41	-		
Thurso ...	30.07	45	E	2	b	30.11	+ .04	45	42	0	NE	1	o	0	49	39	-		
Nairn ...	30.04	46	E	1	b	30.09	+ .06	42	39	- 1	E	1	c	1	49	35	-		
Aberdeen ...	30.00	44	ENE	3	b	30.03	+ .02	46	42	+ 3	N	4	b	2	48	37	-		
Leith ...	29.98	44	E	2	c	30.01	+ .05	43	40	+ 1	E	2	c	*	48	38	0.05		
Shields ...	29.93	44	ENE	4	c	29.99	+ .07	42	40	+ 1	ENE	2	o	4	46	39	0.04		
York ...	29.90	42	NNE	2	o	29.93	+ .06	44	40	+ 2	NE	2	o	*	48	36	0.01		
Scarborough ...	29.89	42	ENE	3	c	29.93	+ .05	43	41	+ 1	NE	3	o	3	44	40	-		
Nottingham ...	29.87	42	NNE	5	o	29.90	+ .07	41	40	- 2	NNE	4	o	*	50	37	0.03		
Ardrossan ...	29.95	46	E	4	b	30.02	+ .08	45	40	+ 1	NE	3	b	2	49	37	-		
Greencastle ...	29.90	46	ESE	2	o	29.99	+ .12	44	40	+ 3	E	3	b	*	46	39	-		
Donaghadee ...	29.92	44	ESE	6	c	30.00	+ .13	45	41	+ 2	NE	5	b	4	47	40	-		
Kingstown ...	29.83	46	E	5	o	29.95	+ .12	44	40	0	E	5	o	4	47	42	-		
Holyhead ...	29.84	46	E	5	o	29.93	+ .14	43	43	- 1	E	4	c	3	48	41	-		
Liverpool (Bidston) ...	29.85	43	ENE	3	o	29.93	+ .10	41	38	+ 1	NE	2	o	4	47	38	-		
Valencia ...	29.67	53	ENE	4	b	29.86	+ .28	48	45	- 3	NE	4	c	4	37	44	0.02		
Roche's Point... ..	29.74	48	E	5	o	29.84	+ .19	46	44	- 1	ENE	4	c	4	50	44	0.26		
Pembroke ...	29.74	46	ESE	3	c	29.84	+ .16	43	39	+ 1	ENE	3	o	2	46	40	0.03		
Portishead ...	29.80	45	NE	3	o	29.83	+ .08	40	40	0	NE	5	c	4	48	38	-		
Scilly ...	29.74	47	E	4	o	29.77	+ .08	44	43	- 2	NE	4	o	*	50	43	-		
Plymouth ...	29.77	49	NE	1	m	29.79	+ .09	44	44	- 1	NE	3	o	2	49	41	-		
Hurst Castle ...	29.75	46	NE	3	o	29.77	+ .11	46	44	+ 1	NNE	3	c	2	47	44	-		
Dover ...	29.78	47	N	2	o	29.81	+ .09	42	40	- 3	NE	2	o	*	49	40	-		
Oxford ...	29.85	44	NNE	1	o	29.82	+ .07	42	41	- 3	NNE	1	c	*	47	39	-		
Cambridge ...	29.80	44	NNE	1	o	29.82	+ .07	42	41	- 3	NNE	1	c	*	47	37	0.01		
Yarmouth ...	29.78	44	NE	5	c	29.80	+ .08	44	43	0	NE	4	o	4	46	41	-		
The Helder ...	29.75	44	N	4	o	29.78	+ .12	46	44	+ 2	NNE	2	c	*	*	*	-		
Cape Gris Nez ...	29.73	46	N	4	o	29.78	+ .12	46	45	+ 1	NE	3	o	3	46	40	-		
Brest ...	29.71	57	SW	3	r	29.73	+ .02	50	48	- 2	NNW	1	o	3	?	46	0.32		
L'Orient ...	29.74	54	S	3	m	29.75	+ .03	54	50	0	WSW	3	c	5	59	46	0.60		
Rochefort ...	29.80	63	SW	3	b	29.79	+ .03	57	54	+ 2	N	4	b	3	81	43	-		
Biarritz ...	29.79	48	ESE	2	b	29.88	+ .07	55	53	0	ESE	1	c	3	68	48	-		
Corunna ...	29.98	46	N	4	o	29.78	+ .12	46	45	+ 1	NE	3	o	3	46	40	-		
Brussels ...	29.72	45	N	4	o	29.72	+ .16	45	45	+ 1	NNW	1	o	*	*	*	-		
Charleville ...	29.67	45	N	4	o	29.67	+ .09	45	45	- 5	WSW	3	o	*	*	*	-		
Paris ...	29.72	57	NW	3	c	29.76	+ .09	46	46	- 6	E	3	r	*	*	*	0.12		
Lyons ...	29.89	45	N	4	o	29.89	+ .13	55	55	- 2	SE	2	o	*	*	*	-		
Toulon ...	29.78	57	N	5	b	29.83	+ .08	54	48	0	N	4	b	4	61	52	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.98	53	42	ENE	2	b	1	Valencia .....	29.64	50	51	E	4	b	4
Thurso .....	30.06	51	46	NE	2	b	2	Scilly .....							
Scarborough ...	29.89	44	41	NE	4	c	4	London .....	29.75	49	44	NE	2	o	*
Greencastle ...	29.89	46	41	E	3	o	*	Rochefort ...	29.80	61	55	N	3	b	3
Holyhead .....	29.82	47	45	E	6	o	4								

The barometer is still rising slowly on all our coasts, and moderate to fresh E & breeze still prevail.

## EXPLANATION OF COLUMNS.

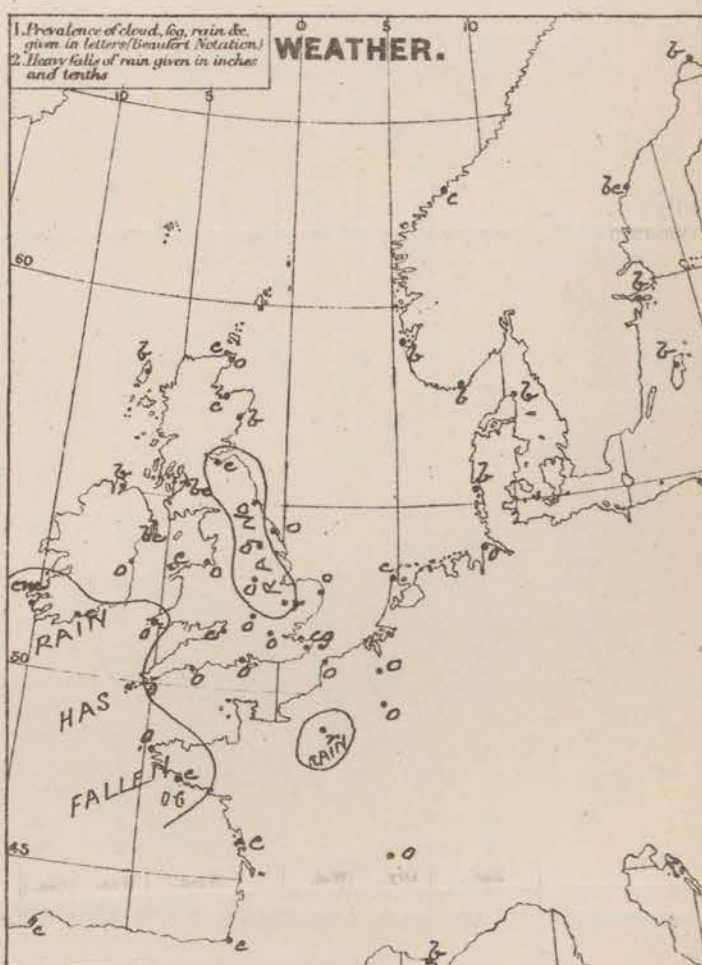
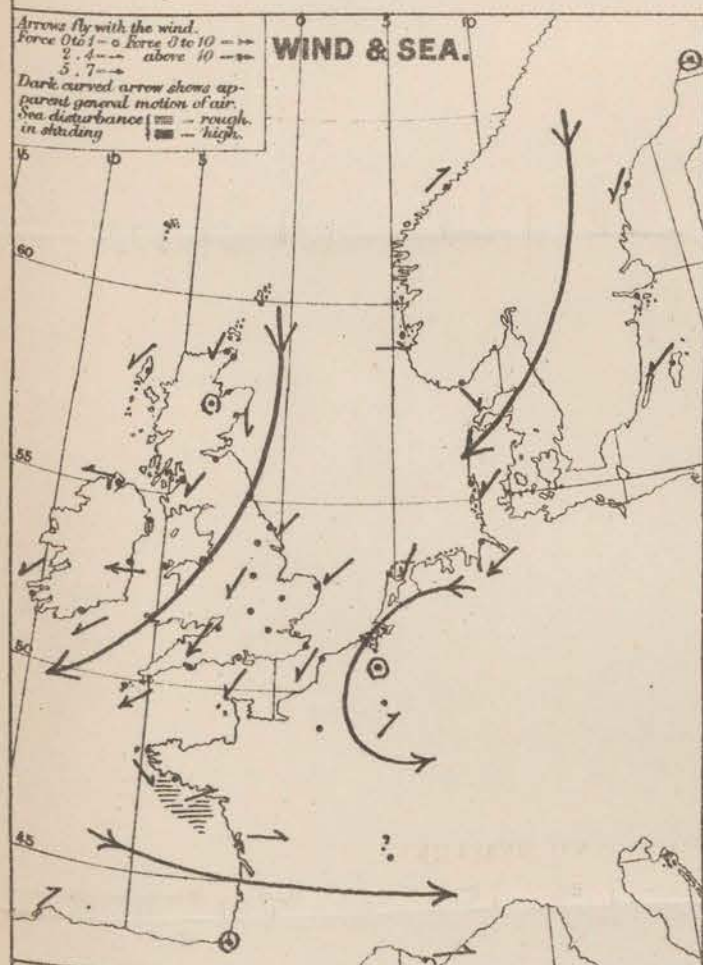
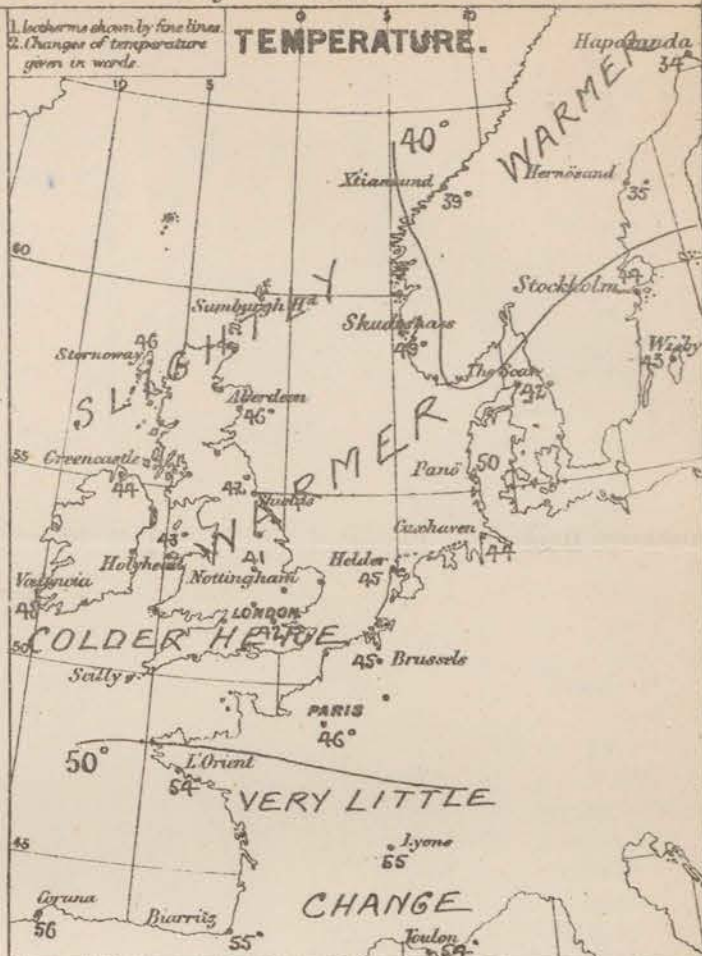
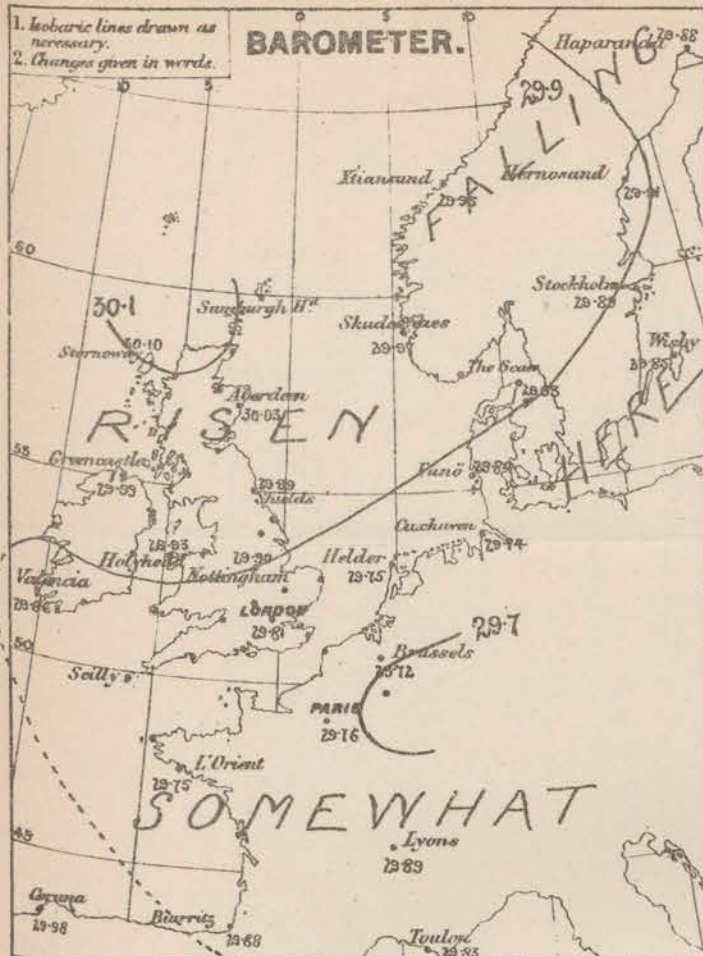
**WEATHER.**—Beaufort Scale is, b. blue sky; a. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* 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, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Sunday APRIL 29<sup>th</sup> 1877.



### REMARKS.

There has been very little change in barometrical pressure over our Islands and their neighbourhood since yesterday, but the tendency has been to rise on all our own coasts, but to fall a little over Scandinavia. Readings are becoming more uniform. Moderate NE. breezes have now taken the place of the strong winds recently experienced over us, and in the Bay of Biscay a W. breeze is reported. Temperature has changed irregularly, but has risen somewhat at most stations. The sky is cloudy except over Norway and Sweden, where the weather is very fine. Some rain has fallen in a few places, especially in the SW. At the mouth of the Loire the fall has been heavy. The sea is moderate to slight.

Subscription for these charts payable in advance to cover delivery. Delivery by hand 4s per quarter, book post 5s per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S. W.

R. H. SCOTT.  
Director.

# DAILY WEATHER REPORT APRIL 30<sup>TH</sup> 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 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 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).				Max.	Min.	
Haparanda ...																	*	*	*
Hernösand ...																	*	*	*
Stockholm ...																	*	*	*
Wisby ...																	*	*	*
Christiansund ...																	*	*	*
Skudesnaes ...																			
Oxö (Xtiansand)																			
Skagen (The Seaw)	29.82	40	Z	0	b		29.65	- .28	41	37	- 1	N	5	b	4		59	32	-
Fanö ...	29.84	42	N	1	b		29.83	- .01	44	39	- 6	NNH	6	c	*		55	36	-
Cuxhaven ...	29.80	?	NE	4	o		29.87	+ .13	44	43	0	N	5	c	*		*	39	-
Sumburgh Head																			
Stornoway	30.16	47	NNE	2	b		30.29	+ .19	39	37	- 7	NE	3	o	4		50	35	0.03
Thurso ...	30.14	44	N	2	c		30.25	+ .15	38	36	- 6	NNE	4	sp	4		?	26	0.07
Wick ...	30.13	44	N	2	o		30.25	+ .14	37	34	- 8	NE	2	o	0		49	34	-
Nairn ...	30.15	46	E	1	b		30.23	+ .14	39	37	- 3	NE	2	o	3		51	38	-
Aberdeen ...	30.09	45	N	4	c		30.18	+ .15	39	35	- 7	N	4	c	2		50	38	0.02
Leith ...	30.05	45	E	3	b		30.20	+ .19	40	39	- 3	NE	2	c	*		50	34	-
Shields ...	30.04	47	NE	2	b		30.16	+ .17	43	41	+ 1	N	4	o	3		?	37	-
York ...	30.00	48	NE	2	f		30.14	+ .21	43	40	- 1	N	1	c	*		57	37	-
Scarborough ...	30.01	43	NE	3	f		30.13	+ .20	43	40	0	N	2	c	3		46	41	-
Nottingham ...	29.96	48	NE	4	b		30.17	+ .27	41	38	0	N	4	o	*		53	37	-
Ardrossan ...	30.06	53	ENE	3	b		30.21	+ .19	41	39	- 4	ESE	1	o	1		55	37	-
Greencastle ...	30.07	45	NNE	3	o		30.18	+ .19	47	45	+ 3	S	1	o	*		52	34	-
Donaghadee ...	30.04	47	N	2	f		30.20	+ .20	44	42	- 1	NNH	3	c	2		49	38	-
Kingstown ...	30.03	46	NE	4	b		30.19	+ .24	45	42	+ 1	NE	4	c	4		46	42	0.01
Holyhead ...	29.99	46	NNE	4	c		30.17	+ .24	44	43	+ 1	ENE	3	c	3		48	41	-
Liverpool (Bidston)	29.98	47	NE	2	o		30.17	+ .24	43	40	+ 2	Z	0	b	1		48	36	-
Valencia ...	30.03	48	NE	3	c		30.17	+ .31	46	43	- 2	NE	3	bcm	3		50	37	-
Roche's Point...	30.02	45	ENE	2	c		30.15	+ .31	46	44	0	NE	3	c	3		48	42	0.06
Pembroke ...	29.92	47	NE		c		30.11	+ .27	46	42	+ 3	NE	2	b	1		48	41	-
Portishead ...	29.88	49	NNE	3	o		30.11	+ .28	43	41	+ 3	NNE	5	c	4		50	38	0.03
Scilly ...																			
Plymouth ...	29.88	48	NE	2	o		30.07	+ .30	46	44	+ 2	E	1	o	*		52	42	-
Hurst Castle ...	29.85	51	NE	4	o		30.07	+ .28	45	45	+ 1	NE	4	o	3		51	41	-
Dover ...	29.75	47	NE	4	c		30.01	+ .24	46	44	0	N	4	cu	3		51	45	-
London ...	29.86	48	E	1	o		30.05	+ .24	45	42	+ .3	NNE	3	o	*		55	40	0.06
Oxford ...	*	*	*	*	*		30.11	+ .26	42	40	+ 1	NE	2	o	*		47	39	-
Cambridge ...	29.91	48	ENE	1	o		30.11	+ .29	42	40	0	NE	1	o	*		55	39	-
Yarmouth ...	29.88	46	ENE	4	o		30.06	+ .26	42	40	- 2	NNE	4	c	8		49	40	0.08
The Helder ...	*	*	*	*	*		29.98	+ .23	43	41	- 2	N	3	b	*		*	*	-
Cape Gris Nez	29.82	46	NNE	3	o		30.01	+ .23	46	45	0	NE	4	o	3		52	45	-
Brest ...	29.88	59	NE	3	o		30.10	+ .37	50	46	0	E	1	c	3		59	41	0.07
L'Orient ...	29.79	54	NE	2	b		30.09	+ .34	48	45	- 6	NNE	3	c	5		57	45	-
Rocheport ...	29.80	59	N	5	b		30.00	+ .21	52	50	- 5	NNH	5	c	4		79	43	-
Biarritz ...	29.88	64	NNE	4	o		30.06	+ .18	55	54	0	N	4	r	3		?	50	0.04
Corunna ...	*	*	*	*	*												*	*	*
Brussels ...	*	*	*	*	*		29.93	+ .21	45	*	0	NN	3	r	*		*	*	0.02
Charleville ...	*	*	*	*	*		29.82	+ .15	48	*	+ 3	ENE	3	c	*		*	*	*
Paris ...	29.76	53	SSE	2	o		29.92	+ .16	49	*	+ 3	N	3	o	*		*	*	0.16
Lyons ...	*	*	*	*	*		29.88	- .01	54	*	- 1	SE	2	r	*		*	*	*
Toulon ...	29.85	57	N	5	b		29.85	+ .02	52	46	- 2	NN	5	b	5		66	?	-

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

Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.			
Skudesnaes ...	29.93	43	40	11 N	7	b	3	Valencia ....							
Thurso .....								Scilly .....							
Scarborough ...								London .....				*			
Greencastle ..						*		Rocheport ...	29.81	59	54	N	5	b	4
Holyhead .....															

## EXPLANATION OF COLUMNS.

**WEATHER.**--Beaufort scale is, b. blue sky; o. 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.

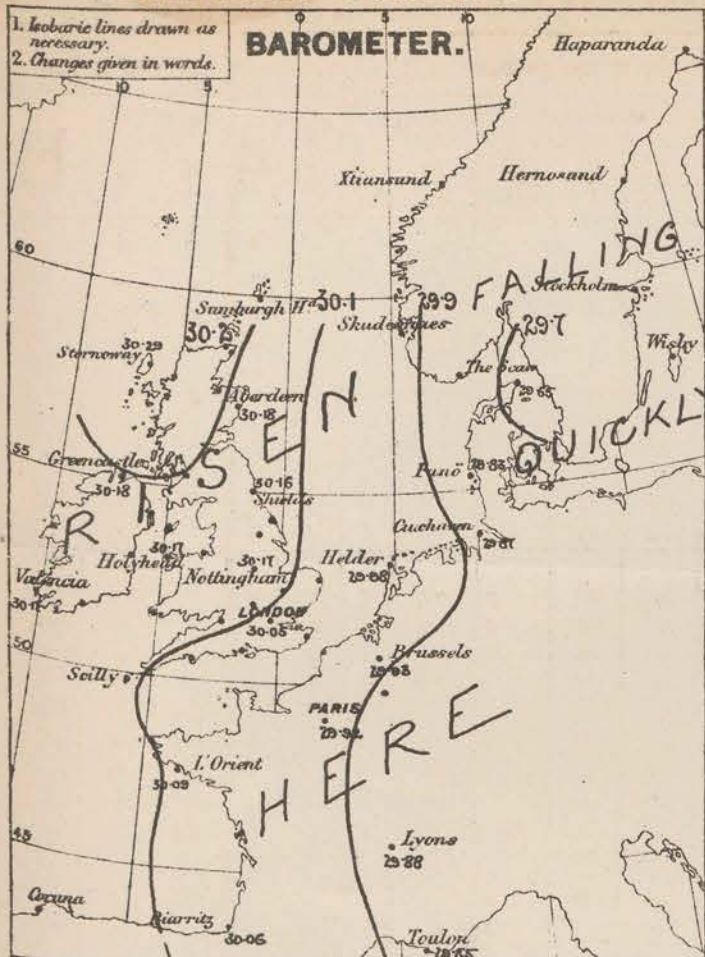
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.--The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Mon-day APRIL 30<sup>TH</sup> 1877.

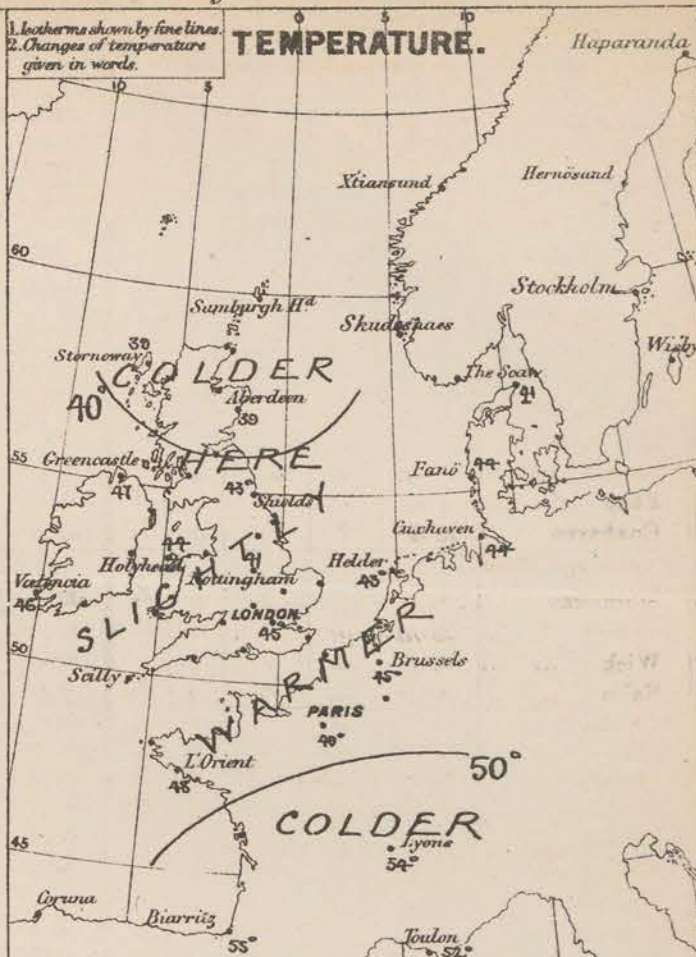
1. Isobaric lines drawn as necessary.
2. Changes given in words.

## BAROMETER.



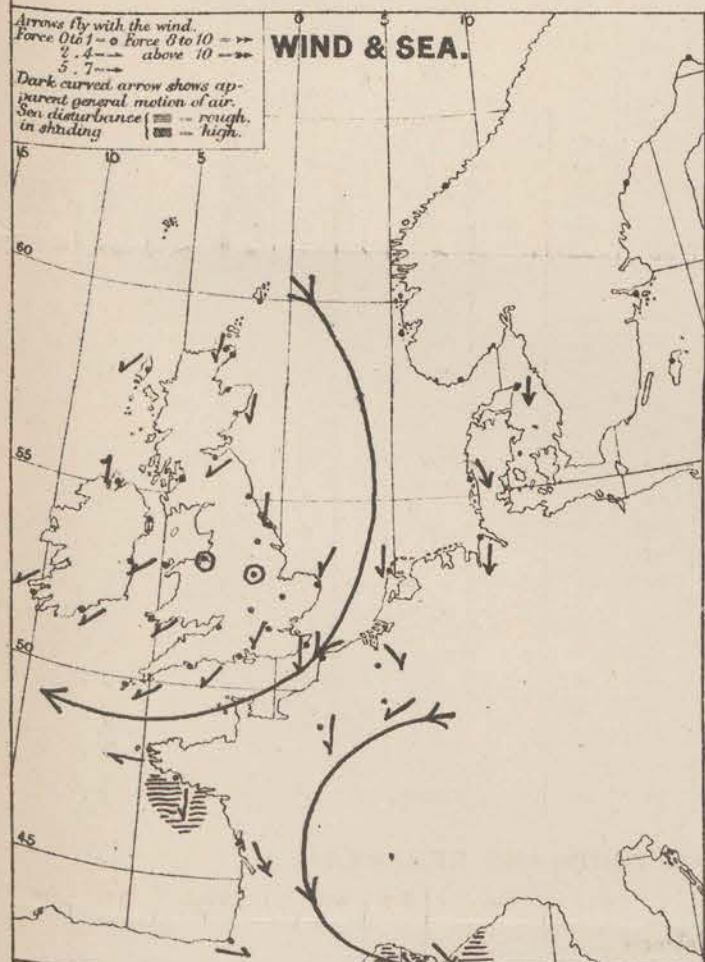
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

## TEMPERATURE.



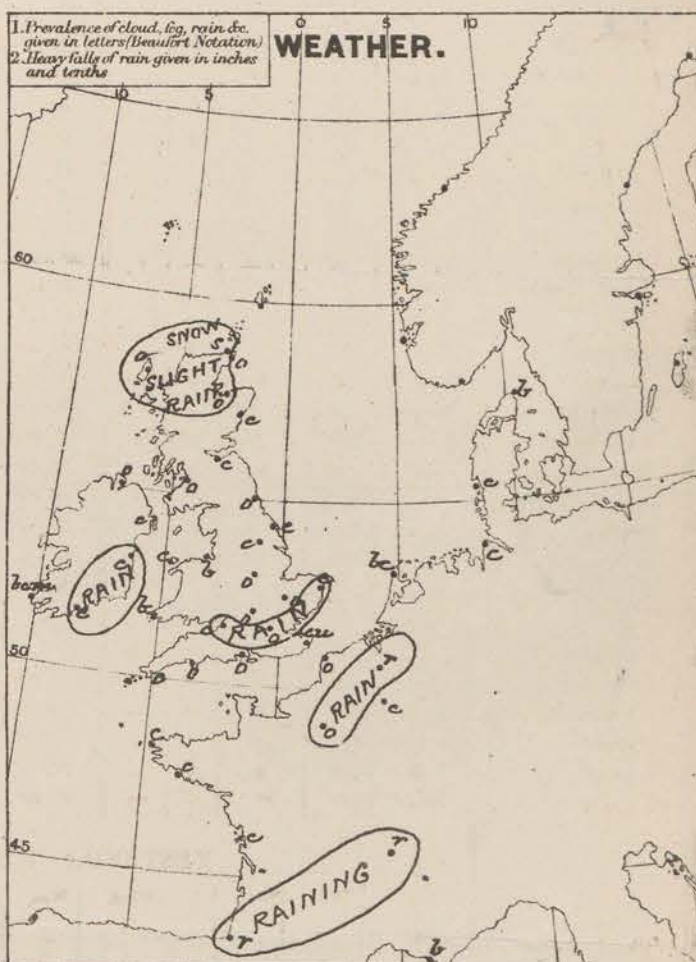
- Arrows fly with the wind.
  - Force 0 to 10 —
  - Force 11 to 20 —
  - Force 21 to 30 —
  - Force 31 to 40 —
  - Force 41 to 50 —
  - Force 51 to 60 —
  - Force 61 to 70 —
  - Force 71 to 80 —
  - Force 81 to 90 —
  - Force 91 to 100 —
- Dark curved arrow shows apparent general motion of air.  
Sun disturbance ( ) = rough.  
in shading ( ) = high.

## WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (Beaufort Notation).
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** During the whole of the past 24 hrs. the barometer has been falling briskly in Denmark and apparently at the Scandinavian stations also, while over the United Kingdom and France it has risen from two to three tenths of an inch. Gradients for N<sup>W</sup> winds over the North Sea are consequently becoming steeper, while those for NE breezes on our SW coasts and in the Bay of Biscay are disappearing. Fresh N<sup>W</sup> winds have consequently set in on the Danish coasts, while the NE wind in our Islands remains moderate and is now falling light at our SW stations. On the S parts of France the wind is NW to W. Temperature is changing irregularly. During yesterday it rose in many parts of our Islands, and towards evening the air in London became much milder. In the night, however, it has again fallen several degrees in the E. and NE. of our Islands, as well as in the W. of France, and the air is very raw this morning. Rain has fallen in a few places. Sky remains very cloudy in the S, and in the N. also it has now become overcast with cloud at times. The sea is moderate or slight on all our coasts.

Our Norwegian and Swedish reports have not yet arrived. 11.45 am.

Subscriptions for these charts payable in advance to cover delivery. Delivery by hand 1/4 per quarter, book post 5/- per quarter.

Meteorological Office,  
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Director.

## CORRECTIONS AND ADDITIONS TO THE REPORTS FOR APRIL 1877

## I. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 350 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.		
1 <sup>st</sup>	Sunbury Hd.	29.47	36	NW	8	c		29.56	+21	37	32	-4	NW	8	o	6	41	32	0.05	
"	Silly	30.21	50	NNW	5	o		30.21	-02	50	48	0	NNW	3	o	2	53	47	-	
2 <sup>nd</sup>	Sunbury Hd.	29.60	35	NNW	8	c		29.64	+08	39	36	+2	NNW	6	o	4	40	33	0.02	
"	Silly	30.20	51	N	4	c		30.10	-11	49	48	-1	NNW	3	o	3	52	47	-	
"	Corunna	*	*	*	*	*		29.98	-27	61	*	0	SE	3	o	2	*	*	*	
"	Silly 2pm	-	-	-	-	-		30.21	-	52	50	-	SW	2	o	3	-	-	-	
3 <sup>rd</sup>	Sunbury Hd.	29.50	39	SW	8	o		29.26	-38	42	41	+3	SSW	2	o	3	44	33	0.12	
"	Silly	29.85	49	SW	4	o		29.35	-15	50	50	+1	ESE	5	o	4	52	46	0.34	
"	Corunna	*	*	*	*	*		29.63	-35	59	*	-2	S	6	o	5	*	*	*	
"	Silly 2pm	-	-	-	-	-		29.08	-	51	51	-	SSW	5	o	4	-	-	-	
4 <sup>th</sup>	Sunbury Hd.	29.33	42	E	2	N		29.04	-22	42	41	0	ESE	7	o	7	46	39	0.48	
"	Silly	29.08	48	N	4	o		29.06	-29	45	43	-5	NNW	4	o	4	52	43	0.40	
"	Lorient	29.32	52	SW	5	m		29.13	-22	50	48	-2	SSW	4	o	4	57	45	0.10	
"	Corunna	*	*	*	*	*		29.51	-12	50	*	-9	SW	6	o	4	*	*	*	
"	Silly 2pm	-	-	-	-	-		29.06	-	47	45	-	NNW	4	o	4	-	-	-	
5 <sup>th</sup>	Sunbury Hd.	29.23	44	SE	6	m		29.30	+26	42	40	0	SE	9	o	8	47	39	0.04	
"	Silly	29.07	46	SSW	5	c		29.09	+03	48	45	+3	SW	6	o	5	49	43	0.04	
"	Corunna	*	*	*	*	*		29.69	+18	51	*	+1	SW	6	o	5	*	*	*	
"	Silly 2pm	-	-	-	-	-		29.21	-	51	47	-	NNW	8	o	6	-	-	-	
6 <sup>th</sup>	Sunbury Hd.	29.50	38	ESE	7	N		29.55	+25	42	41	0	ESE	2	o	4	42	36	0.10	
"	Silly	29.23	47	SW	6	c		29.33	+24	45	43	-3	S	5	o	5	53	43	0.06	
"	Corunna	*	*	*	*	*		29.81	+12	50	*	-1	SW	6	o	4	*	*	*	
"	Silly 2pm	-	-	-	-	-		29.46	-	51	47	-	SW	4	o	4	-	-	-	
7 <sup>th</sup>	Sunbury Hd.	29.56	42	ESE	2	o		29.57	+02	43	42	+1	E	2	o	3	44	40	0.01	
"	Silly	29.51	46	WSW	4	c		29.48	+15	50	47	+5	S	5	o	5	52	42	0.18	
"	Corunna	*	*	*	*	*		29.80	-01	51	*	+1	S	5	o	4	*	*	*	
"	Silly 2pm	-	-	-	-	-		29.48	-	55	52	-	SSW	5	o	5	-	-	-	
8 <sup>th</sup>	Sunbury Hd.	29.63	43	N	0	o		29.73	+16	40	37	-3	NE	6	o	4	46	37	0.12	
"	Silly	29.50	50	S	5	c		29.51	+03	52	51	+2	SSE	4	o	4	55	47	0.02	
9 <sup>th</sup>	Sunbury Hd.	29.82	39	NE	4	c		29.91	+18	38	35	-2	NE	4	o	4	42	33	0.04	
"	Silly	29.52	50	SSE	5	c		29.45	-06	51	50	-1	SE	4	o	4	55	48	-	
"	Silly 2pm	-	-	-	-	-		29.47	-	53	51	-	SE	4	o	4	-	-	-	
10 <sup>th</sup>	Sunbury Hd.	29.97	37	NE	6	b		29.90	-01	37	31	-1	NE	7	o	6	41	34	-	
"	Silly	29.47	52	SE	5	c		29.45	-00	51	50	0	S	6	o	4	54	42	0.03	
"	Silly 2pm	-	-	-	-	-		29.47	-	56	52	-	S	6	o	4	-	-	-	
11 <sup>th</sup>	Sunbury Hd.	29.82	37	NE	8	o		29.78	-12	36	33	-1	NE	7	o	6	38	29	0.04	
"	Silly	29.30	51	WSW	6	c		29.74	+29	50	49	-1	NNW	4	o	4	57	48	0.02	
"	Corunna	*	*	*	*	*		?	?	?	*	?	SW	3	o	4	*	*	*	
"	Silly 2pm	-	-	-	-	-		29.83	-	55	53	-	N	4	o	4	-	-	-	
12 <sup>th</sup>	Sunbury Hd.	29.88	35	NNE	5	b		29.90	+12	32	31	-4	NNW	4	o	3	40	29	0.01	
"	Silly	29.85	52	N	2	c		29.93	+19	51	49	+1	E	4	o	3	55	46	0.01	
"	Corunna	*	*	*	*	*		29.71	?	55	*	?	N	0	o	3	*	*	*	
"	Silly 2pm	-	-	-	-	-		29.93	-	53	50	-	SE	4	o	3	-	-	-	
13 <sup>th</sup>	Sunbury Hd.	29.92	32	N	5	S		29.77	-13	31	30	-1	N	5	o	3	38	27	0.05	
"	Silly	29.93	52	SE	4	c		29.94	+01	51	50	0	ESE	2	o	2	55	47	-	
"	Lorient	29.90	54	SE	2	c		29.94	-01	48	46	0	E	3	o	3	59	41	-	
"	Silly 2pm	-	-	-	-	-		29.98	-	55	53	-	S	1	o	2	-	-	-	
14 <sup>th</sup>	Sunbury Hd.	30.06	37	NNE	2	b		30.16	+39	37	34	+6	NE	1	o	1	40	29	0.01	
"	Silly	29.98	53	N	0	o		30.00	+06	52	51	+1	SSE	3	o	1	56	49	-	
"	Corunna	*	*	*	*	*		30.10	?	56	*	?	SW	2	o	1	*	*	*	
"	Silly 2pm	-	-	-	-	-		30.02	-	53	51	-	SSE	4	o	1	-	-	-	
15 <sup>th</sup>	Sunbury Hd.	30.18	39	SSE	6	c		30.06	-10	40	37	+3	SE	8	o	6	43	32	-	
"	Silly	29.99	52	SSE	4	o		29.77	-23	52	52	0	SSE	6	o	5	53	50	0.14	
16 <sup>th</sup>	Sunbury Hd.	29.97	40	SE	9	c		30.00	-06	40	37	0	SE	8	o	8	43	38	-	
"	Silly	29.54	52	SSE	6	N		29.31	-46	52	51	0	SSE	4	o	4	53	40	0.03	
"	Lorient	29.80	52	S	4	N		29.52	-25	52	50	0	SSW	3	o	5	55	48	0.83	
"	Corunna	*	*	*	*	*		?	?	57	*	-2	SW	6	o	4	*	*	*	
"	Silly 2pm	-	-	-	-	-		29.27	-	54	52	-	SE	7	o	6	-	-	-	
17 <sup>th</sup>	Sunbury Hd.	30.08	40	SSE	7	b		30.17	+17	42	39	+2	SSE	4	o	4	45	39	-	
"	Silly	29.21	50	ESE	8	N		29.51	+20	41	40	-9	NNE	10	o	7	55	40	0.14	
"	Lorient	29.26	52	SSW	3	m		29.23	-29	36	36	-16	?	5	o	5	57	34	0.39	
"	Corunna	*	*	*	*	*		29.68	?	55	*	-2	N	9	o	7	*	*	*	
"	Silly 2pm	-	-	-	-	-		29.59	-	49	42	-	NE	8	o	7	-	-	-	
18 <sup>th</sup>	Sunbury Hd.	30.18	43	ESE	2	b		30.11	-06	42	39	0	NE	4	o	4	47	33	-	
"	Silly	29.65	45	NNE	8	c		29.68	+17	43	39	+2	N	5	o	6	49	38	0.08	
"	Corunna	*	*	*	*	*		29.89	+21	51	*	-4	SW	6	o	5	*	*	*	
"	Silly 2pm	-	-	-	-	-		29.74	-	46	42	-	N	4	o	5	-	-	-	
19 <sup>th</sup>	Sunbury Hd.	30.14	44	NE	3	b		30.12	+01	43	40	+1	NE	2	o	2	47	37	-	
"	Silly	29.76	45	N	5	o		29.93	+25	45	41	+2	NNE	6	o	5	47	42	-	
"	Corunna	*	*	*	*	*		30.06	+17	49	*	-2	NE	6	o	5	*	*	*	
"	Silly 2pm	-	-	-	-	-		30.03	-	48	44	-	NNE	5	o	4	-	-	-	
20 <sup>th</sup>	Sunbury Hd.	30.13	44	NNW	2	c		30.19	+07	44	40	+1	SW	1	o	1	45	39	-	
"	Silly	30.10	47	NE	4	c		30.19	+26	49	45	+4	S	1	o	2	49	45	-	
"	Corunna	*	*	*	*	*		30.28	+22	51	*	+2	NE	3	o	1	*	*	*	
"	Silly 2pm	-	-	-	-	-		30.19	-	51	47	-	S	5	o	4	-	-	-	
21 <sup>st</sup>	Hesperanda	30.50	18	N	0	N		30.54	-04	12	10	0	SW	2	o	2	*	*	-	
"	Hermosand	30.43	21	NE	2	b		30.19	-31	20	20	0	NE	2	o	2	*	*	-	
"	Stockholm	30.28	22	N	6	b		30.32	-25	23	21	0	NNE	4	o					

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. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
				Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
21st	Skudenass	30.33	39	S	2	0	30.30	+0.3	40	35	+1	S	6			53	30		
"	Os	30.36	36	SE	4	5	30.36	+0.6	34	31	-4	SE	6			54	32		
"	Sumburgh Hd.	30.13	43	SE	5	0	30.01	-1.2	53	38	-1	SE	6			54	34		
"	Scilly	30.14	50	S	2	0	29.92	-1.2	52	32	+3	W	6			54	34	0.40	
"	Lorient	30.25	48	W	2	0	30.11	-1.5	50	48	+5	SW	6			54	34	0.12	
22nd	Scilly 2pm						29.94		54	53		W	6			54	30		
"	Sumburgh Hd.	29.93	41	SE	8	0	29.84	-1.7	40	36	-3	SE	6			54	30		
"	Scilly	29.88	53	W	5	0	29.74	-1.8	51	50	-1	W	6			54	30	0.03	
23rd	Sumburgh Hd.	29.87	40	SE	5	0	29.85	+0.1	38	32	-6	SE	6			54	33	0.01	
"	Scilly	29.83	50	W	5	0	29.69	-0.5	49	46	-3	W	6			54	33	0.01	
"	Corunna	*	*	*	*	*	30.07	-1.2	54	*	-3	W	6			*	*		
"	Scilly 2pm						29.62		49	45		W	6			*	*		
24th	Sumburgh Hd.	29.86	39	SE	5	0	29.90	+0.5	40	35	-5	SE	6			41	33	0.02	
"	Portsmouth	29.52	48	SW	5	0	29.66	+0.8	42	41	-1	W	6			52	36	0.10	
"	Scilly	29.51	49	W	*	0	29.81	+0.2	40	45	+5	W	6			52	42	0.13	
"	Corunna	*	*	*	*	*	29.87	-1.20	51	48	+3	W	6			*	*		
"	Scilly 2pm						29.73		50	50		SW	6			41	35		
25th	Sumburgh Hd.	29.91	42	SE	3	0	30.06	+1.6	42	37	-5	SE	6			41	35		
"	Scilly	29.73	49	SW	4	0	29.73	+0.2	51	48	-3	SE	6			54	34	0.01	
"	Scilly 2pm						29.72		50	51	+1	SE	6			41	35		
26th	Sumburgh Hd.	30.14	44	SE	3	0	30.21	+1.5	44	41	-3	SE	6			40	35		
"	Scilly	29.69	52	E	6	0	29.70	+0.3	50	49	-1	E	6			54	34	0.01	
"	Corunna	*	*	*	*	*	29.79	-0.3	58	*	-3	SE	6			*	*		
"	Scilly 2pm						29.73		52	49	-3	E	6			*	*		
27th	Haparnass	30.25	23	SE	2	0	30.21	-1.1	17	14	-3	E	6			*	*		
"	Hermosand	30.59	28	NE	2	0	30.23	-0.2	32	30	-2	NE	6			*	*		
"	Stockholm	30.10	33	NE	2	0	30.10	-0.1	37	35	+1	NE	6			*	*		
"	Hälsby	30.04	37	E	4	0	30.05	+0.5	41	40	+6	S	6			45	30	0.08	
"	Christiansund	30.16	42	W	1	0	30.16	-0.1	40	38	-1	S	6			45	30		
"	Skudenass	30.14	40	W	1	0	30.13	-0.4	44	38	-6	SE	6			48	36		
"	Os	30.13	40	NE	4	0	30.13	-0.0	30	35	+2	NE	6			48	36		
"	Sumburgh Hd.	30.20	44	NE	3	0	30.17	-0.4	42	38	-4	NE	6			47	36		
"	Scilly	29.72	50	SE	6	0	29.57	-1.3	51	49	+1	SE	6			53	48	0.16	
"	Lorient	29.77	57	SE	3	0	29.58	-1.20	54	52	+4	SE	6			61	48	0.04	
"	Corunna	*	*	*	*	*	29.65	-1.4	49	*	-9	?	6			*	*		
"	Scilly 2pm						29.52		49	49		E	8			*	*		
28th	Sumburgh Hd.	30.14	42	NE	2	0	30.08	-1.09	45	41	-4	NE	4			45	38		
"	Scilly	29.54	51	SE	4	0	29.65	+0.8	53	52	+2	SE	2			53	44	0.13	
"	Os	29.63	57	W	3	0	29.73	+1.6	52	50	-2	SW	4			53	48	0.28	
"	Corunna	*	*	*	*	*	29.80	+1.5	58	*	+9	SW	1			*	*		
"	Scilly 2pm						29.68		56	54	-2	NE	4			44	36		
29th	Sumburgh Hd.	30.02	43	NE	6	0	30.00	+0.1	43	39	-4	NE	6			44	36		
"	Scilly	29.67	51	E	6	0	29.74	+0.9	48	44	-4	NE	6			45	46	0.1	
30th	Haparnass	29.44	33	S	0	0	29.34	-1.54	24	24		S	6			45	46		
"	Hermosand	29.57	34	L	0	0	29.55	-1.36	26	36	+1	W	6			45	46		
"	Stockholm	29.75	38	SW	2	0	29.63	-1.26	40	34	-6	SW	4			45	46		
"	Wickby	29.83	38	W	4	0	29.68	-1.1	45	39	-6	W	4			45	46		
"	Christiansund	29.86	35	W	6	0	29.78	-1.1	34	32	-2	W	4			41	28		
"	Skudenass	29.90	39	W	1	0	29.95	-0.7	39	33	-6	W	4			48	39		
"	Os	29.84	47	W	2	0	29.75	-1.8	41	36	-5	W	4			48	39		
"	Sumburgh Hd.	30.07	41	W	4	0	30.18	+0.9	35	34	-1	W	4			46	32	0.1	
"	Scilly	29.92	49	NE	5	0	30.04	-1.33	44	45	+1	NE	4			50	45		
"	Scilly 2pm						30.13		49	47		NE	4						
CORRECTIONS																			
1st	Nottingham						30.02												
2nd	Valencia															13			
3rd	Stornoway																		
5th	Liverpool																		
6th	Glasgow																		
7th	Thurso	29.45																	
8th	Greenock	29.06																	
9th	Thurso																		
10th	Greenock																		
11th	Portsmouth																		
12th	Hunt Castle																		
13th	York																		
14th	Kingstown																		
15th	Valencia																		
16th	Pembroke																		
17th	Portsmouth																		
18th	London						29.98												
19th	Glasgow																		
20th	Wick						29.92	-1.22								49	40		
21st	Leith						29.98	-1.18											
22nd	Leith																		
23rd	Kingstown																		
24th	Shields															50	43		
25th	Down																		
26th	Holyhead 2pm						29.81										42		
27th	York																		
28th	Skudenass																		
29th	Wick	29.08																	
30th	Kingstown																		
1st	Pembroke																		
2nd	Greenock																		
3rd	Plymouth	29.19																	
4th	Down																		
5th	Stornoway		42																
6th	Rocky Point																		
7th	Wick	29.07																	
8th	Holyhead																		
9th	Wick																		
10th	Pembroke	29.82					30.14										43		
11th	Rocky Point	29.59																	
12th	Pembroke																		
13th	Shields																		