

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY — 30TH JUNE,

1878.



MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH
DAILY TO THE METEOROLOGICAL OFFICE, JAN. 1, 1878.

Wm. & A. S. Phillips, Lith. London.

DAILY WEATHER REPORT

MARCH 1st 1878.

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 5 A.M. yesterday.	Dry.	Wet.	Difference from 5 A.M. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.50	22	S	1	b	29.54	-11	9	8	-11	Z	0	bc	*	28	7	-	
Hernösand ...	29.62	33	SW	2	b	29.52	-24	35	33	+8	SW	2	c	*	*	*	-	
Stockholm ...	29.83	33	SSW	4	r	29.69	-28	34	34	+2	SSW	4	o	*	*	*	0.04	
Wisby ...	29.97	35	S	6	r	29.79	-26	35	33	+5	SSW	6	o	*	*	*	-	
Christiansund ...	29.46	40	SSE	3	o	29.25	-28	42	41	+4	SSW	1	o	4	?	36	0.16	
Skudesnaes ...	29.55	42	SSE	8	f	29.47	-18	42	42	0	SSE	6	f	5	43	?	0.16	
Oxö (Xtiansand) ...	29.71	40	S	2	f	29.55	-18	41	41	+1	SSE	2	f	2	?	37	-	
Skagen (The Sæw) ...	29.78	38	SSW	4	f	29.62	-26	39	38	0	SSW	3	f	3	39	34	0.08	
Fanö ...	29.69	42	S	4	f	29.63	-18	43	42	+1	W	6	o	*	46	41	0.12	
Cuxhaven ...	29.86	49	SW	4	r	29.76	-28	45	45	+2	W	5	c	*	48	41	0.28	
Sunburch Head ...	29.25	45	S	4	r	29.78	-29	46	45	+1	WSW	4	c	5	48	44	0.22	
Stornoway ...	29.27	48	WSW	4	b	29.14	-32	48	47	+2	SW	7	o	6	50	43	0.45	
Thurso ...	29.28	47	S	1	o	29.19	-32	44	43	+1	S	1	bc	2	52	41	0.16	
Wick ...	29.32	47	SW	1	c	29.20	-32	35	34	-10	SSW	2	b	2	50	33	0.12	
Nairn ...	29.40	49	W	1	c	29.25	-30	49	47	+4	W	1	bc	1	50	45	0.02	
Aberdeen ...	29.38	47	SSW	1	c	29.31	-28	46	45	+7	S	4	o	1	51	38	0.13	
Leith ...	29.46	49	SW	4	c	29.37	-24	50	49	+1	SW	3	o	*	50	47	0.10	
Shields ...	29.56	48	WSW	4	o	29.46	-26	50	48	+1	SSW	3	r	2	53	46	0.11	
Scarborough ...	29.61	52	W	4	o	29.54	-24	49	48	+1	S	3	r	3	53	48	0.14	
York ...	29.64	53	SW	4	b	29.55	-24	50	49	+2	S	3	bc	*	54	47	0.06	
Nottingham ...	29.78	54	SW	4	o	29.59	-26	53	52	+3	SSW	5	r	*	55	48	0.15	
Ardrossan ...	29.54	51	WSW	3	c	29.38	-24	48	47	+1	S	2	r	3	52	47	0.75	
Greencastle ...	29.52	51	SW	2	b	29.32	-21	48	48	0	SW	1	r	*	56	46	0.30	
Donaghadee ...	29.62	50	SW	4	bc	29.45	-19	48	48	+1	S	3	r	2	52	47	0.48	
Kingstown ...	29.69	55	WSW	6	bc	29.39	-29	56	53	+3	W	5	c	4	57	49	0.04	
Holyhead ...	29.72	49	SW	2	b	29.47	-25	50	50	+2	SW	5	bc	4	52	48	0.53	
Liverpool (Bidston) ...	29.73	51	WSW	4	o	29.50	-27	52	51	+3	SSW	3	r	2	55	49	0.44	
Valencia ...	29.74	57	SSW	6	cm	29.46	-19	55	54	+1	SW	7	og	6	56	51	0.50	
Roche's Point...	29.80	53	WSW	5	o	29.54	-23	52	51	0	WSW	5	bc	4	55	50	0.37	
Pembroke ...	29.85	50	WSW	4	o	29.60	-23	51	51	+2	SW	8	r	6	57	49	0.30	
Portishead ...	29.87	51	SW	7	r	29.73	-15	54	53	+5	SSW	5	r	4	55	46	0.61	
Seilly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plymouth ...	29.99	52	SW	2	o	29.74	-11	52	52	+1	SW	6	or	*	53	51	0.42	
Hurst Castle ...	29.92	50	WSW	6	m	29.54	-11	51	50	+3	SW	8	bc	7	51	46	0.20	
Dover ...	...	48	WSW	5	o	?	?	48	48	+1	WSW	5	bc	4	50	47	0.26
London ...	29.89	54	SW	3	o	29.79	-13	53	53	+4	SW	6	og	*	55	49	0.15	
Oxford ...	...	...	...	...	...	29.71	-19	54	53	+6	SW	4	r	*	55	48	0.10
Cambridge ...	29.83	53	SW	2	o	29.71	-16	?	?	?	SW	2	r	*	55	47	0.21	
Yarmouth ...	29.79	53	SW	3	cm	29.74	-10	48	48	0	SSW	2	og	2	54	47	0.16	
The Helder ...	...	...	...	...	...	29.81	+104	46	45	+1	SW	2	f	*	...	...	0.24
Cape Gris Nez ...	30.00	48	SW	6	f	29.89	-08	48	48	+2	WSW	6	r	5	48	46	0.24	
Jersey ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brest ...	30.15	52	W	4	f	30.06	-07	52	52	0	WSW	5	m	5	52	48	0.04	
L'Orient ...	30.33	52	W	4	c	30.14	-04	52	52	+2	WSW	5	m	5	52	48	0.04	
Rochefort ...	30.39	52	WSW	5	f	30.19	+03	50	48	-2	SW	4	bc	3	57	43	-	
Biarritz ...	30.42	54	NE	2	bc	30.36	-15	52	48	-2	ESE	2	bc	3	56	48	-	
Corunna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brussels ...	...	...	...	...	...	29.95	+01	52	52	+3	SW	3	r	*	53	?	0.16
Charleville ...	...	...	...	...	...	29.97	+01	50	...	+2	ESE	3	or	*	...	...	...
Paris ...	30.16	55	WSW	2	o	30.08	-02	54	52	+3	SW	3	o	*	...	...	0.16
Lyons ...	...	...	...	...	...	30.35	-01	52	...	+2	SE	2	o	*	...	...	...
Toulon ...	30.27	54	W	6	bc	30.21	-12	54	50	+6	WSW	6	o	6	57	48	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.61	43	42	SSE	8	f	5	Valencia	29.72	55	53	SW	6	cm	6
Thurso	29.30	47	46	S	3	r	2	Seilly							
Scarborough ...	29.68	51	50	SW	3	r	2	London	29.91	55	54	SW	2	od	*
Greencastle ...	29.43	51	49	WSW	2	o	*	Rochefort ...	30.34	54	54	W	5	o	3
Holyhead	29.60	50	50	SSW	4	r	3								

Pressure is recovering slightly at Valencia but is still decreasing elsewhere. The wind has veered to the south-westward.

EXPLANATION OF COLUMNS.

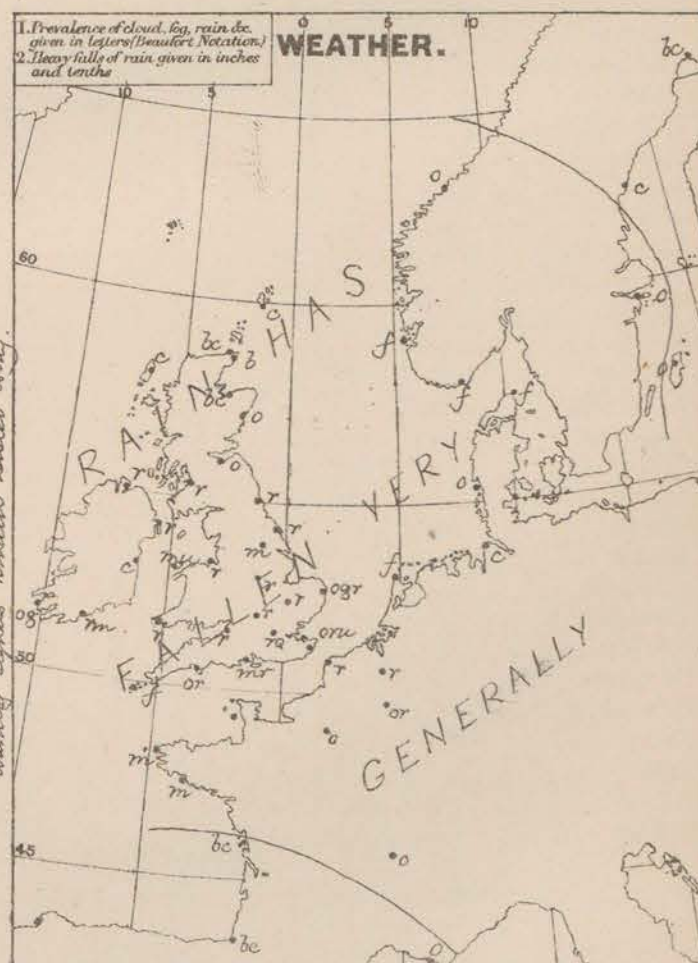
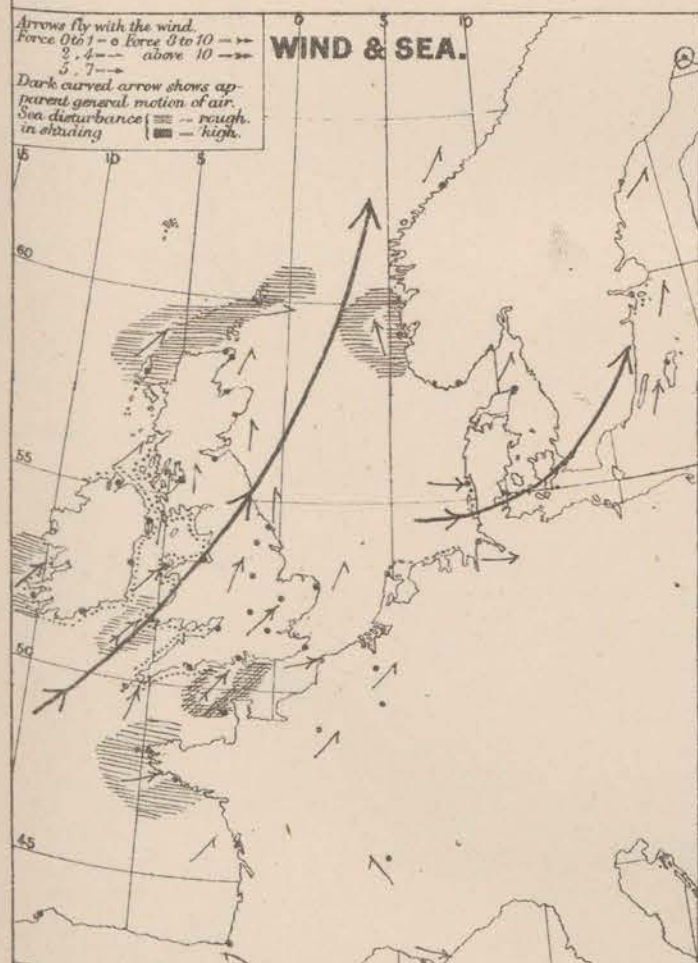
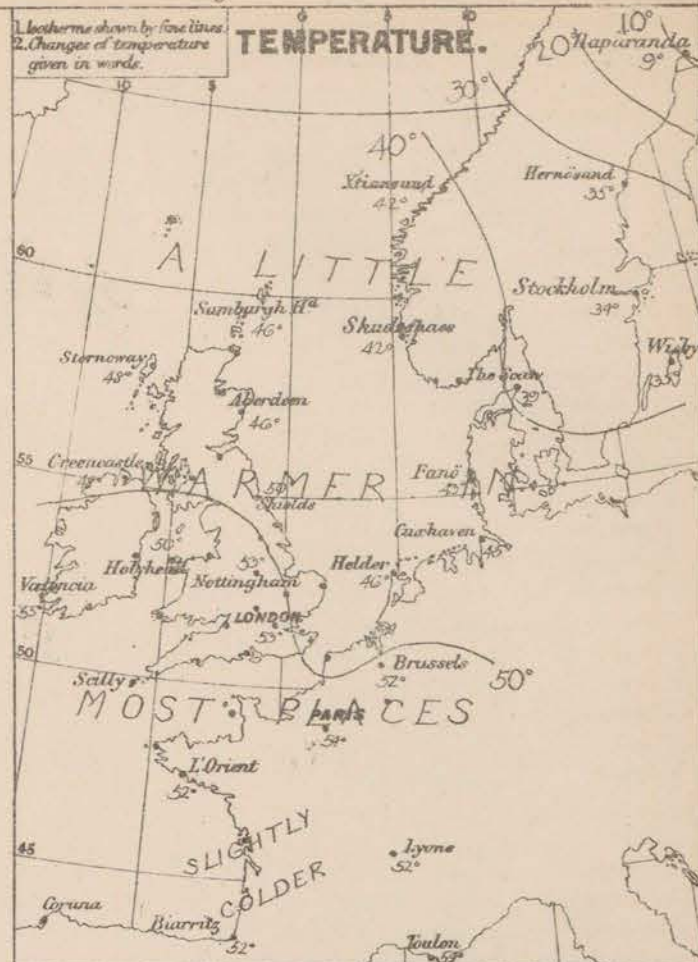
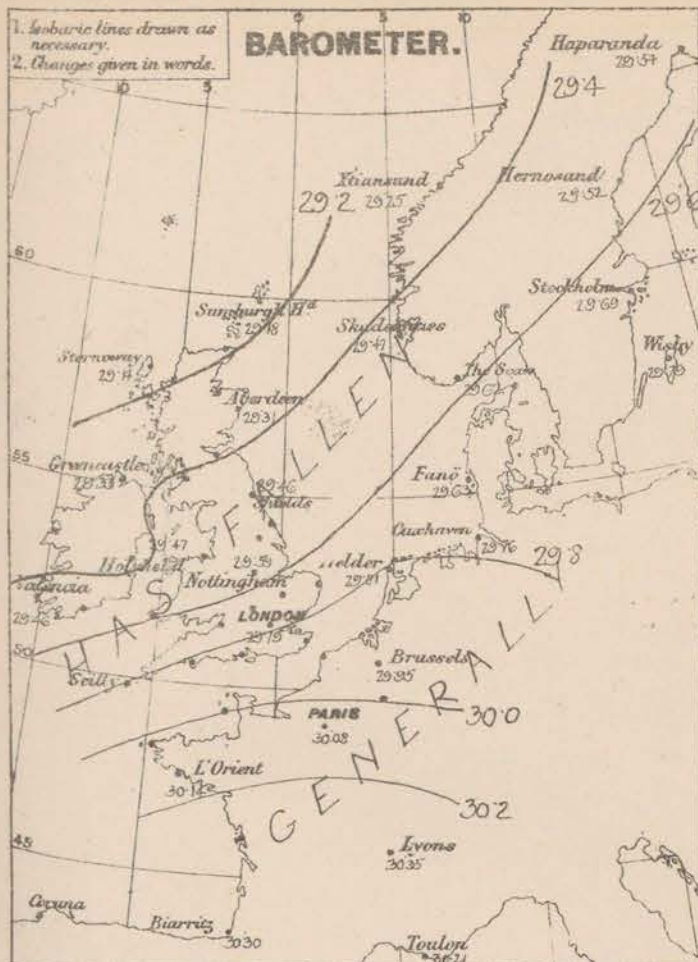
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 1st MARCH 1878.



REMARKS. Weather is fine in the extreme north east of Scotland but in all other parts of Western Europe the sky is cloudy or overcast, with rain over nearly the whole of Ireland, England and the north east of France, fog on the eastern shores of the North Sea, and mist at many of our western and southern stations; at Holyhead and Dover the weather is reported to be very threatening. Rain has fallen at nearly all stations - about half an inch on our western coasts. Temperature has fallen and is locally low (35° at Trich) but in all other places it has risen a few degrees; it is very uniform, varying (with the exception of Trich) from 55° at Valencia and 53° at Lyons to 44° at Trich. Wind is S.W. or S.W.; it is light in force on our east and north east coasts but blows a slight or fresh gale at our south western countries. Sea is smooth in the east, rather rough in the north, west and south.

Barometrical Indications. Pressure is decreasing over the whole of Western Europe, the change ranging from 0.3 in. in the north of Scotland to 0.02 in. in the north east of France. Readings remain highest over Central France and lowest to the south westward of Scotland, but a fresh disturbance is apparently approaching the west coast of Ireland this morning.

Warnings. The warning signals which were hoisted in the west and south west yesterday morning remain up today.

DAILY WEATHER REPORT

MARCH 2ND 1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 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 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.24	32	S	4	o	29.02	- .52	32	32	+ 23	SW	4	o	*	32	9	-		
Hernösand ...	29.31	35	S	2	o	29.06	- .46	36	35	+ 1	S	2	o	*	*	*	-		
Stockholm ...	29.50	34	Z	0	f	29.11	- .58	36	35	+ 2	SSE	2	f	*	*	*	-		
Wisby ...	29.61	36	S	6	o	29.10	- .69	36	36	+ 1	SSE	6	f	*	*	*	0.08		
Christiansund ...	29.02	46	SSH	1	o	28.98	- .27	43	41	+ 1	SW	4	c	4	48	37	-		
Skudesnaes ...	29.22	42	SEE	2	f	29.27	- .20	44	43	+ 2	W	4	o	3	?	?	0.39		
Oxö (Xtiansand) ...	29.35	39	SSE	2	f	29.23	- .35	41	40	o	SSH	4	o	3	41	37	0.39		
Skagen (The Seaw) ...	29.39	41	SSH	3	f	29.17	- .45	40	40	+ 1	NNE	4	c	5	43	36	0.39		
Fagö ...	29.30	44	SW	4	f	29.43	- .20	42	42	- 1	W	6	f	*	45	41	0.16		
Cuxhaven ...	29.59	?	SW	3	r	29.50	- .26	47	47	+ 2	W	6	f	*	50	45	0.31		
Sumburgh Head ...	29.07	46	SSH	4	bc	29.26	+ .08	45	42	- 1	NNW	5	bc	5	48	42	0.06		
Stornoway ...	29.18	47	NNW	4	f	29.31	+ .37	45	41	- 6	W	3	bc	4	50	41	0.36		
Thurso ...	29.14	46	SW	1	c	29.44	+ .25	44	43	o	SW	4	c	3	50	43	0.06		
Wick ...	29.18	46	W	2	o	29.47	+ .27	43	41	+ 8	SSH	2	o	1	50	40	0.01		
Nairn ...	29.21	49	W	2	bc	29.51	+ .26	45	42	- 4	W	3	o	2	53	43	0.05		
Aberdeen ...	29.22	48	SSH	1	o	29.55	+ .24	42	39	- 4	SSH	1	o	1	48	41	-		
Leith ...	29.28	50	SSH	4	c	29.60	+ .26	46	44	- 4	W	3	o	*	52	44	0.02		
Shields ...	29.31	53	W	1	o	29.71	+ .25	47	44	- 3	NNW	3	o	2	58	43	-		
Scarborough ...	?	54	SSH	5	f	29.76	+ .22	48	45	- 1	W	1	o	1	58	44	0.14		
York ...	29.38	55	SW	3	c	29.77	+ .22	44	43	- 6	W	2	o	*	59	42	0.20		
Nottingham ...	29.47	56	SSH	6	o	29.85	+ .26	48	46	- 5	W	1	c	*	60	47	0.09		
Ardrossan ...	29.32	49	W	2	f	29.70	+ .32	48	44	o	NNW	4	cp	3	50	48	0.17		
Greencastle ...	29.34	50	SSH	2	o	29.76	+ .44	45	44	- 3	SW	2	c	*	57	44	0.09		
Donaghadee ...	29.37	49	SSH	3	o	29.81	+ .26	45	44	- 3	W	3	c	2	57	43	0.34		
Kingstown ...	29.38	56	W	5	f	29.89	+ .30	47	45	- 9	NNW	4	cm	4	60	46	0.15		
Holyhead ...	29.42	50	SW	6	mv	29.89	+ .42	47	46	- 3	W	3	c	3	53	45	0.21		
Liverpool (Bidston) ...	29.40	53	SW	5	o	29.84	+ .34	45	44	- 7	SSH	4	c	3	56	44	0.10		
Valencia ...	29.49	52	NNW	5	f	30.00	+ .34	49	47	- 6	NNW	3	bc	3	56	46	0.17		
Roche's Point... ..	29.54	52	SSH	5	o	30.01	+ .47	46	44	- 6	NNW	3	c	4	55	45	0.28		
Pembroke ...	29.56	57	SW	7	o	29.91	+ .31	47	46	- 4	W	3	bc	4	57	47	0.09		
Portishead ...	29.63	52	SSH	7	f	29.87	+ .14	48	46	- 6	NNW	3	bc	3	56	45	1.32		
Scilly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plymouth ...	29.74	52	SW	7	of	29.95	+ .11	47	46	- 5	W	3	o	*	54	47	0.29		
Hurst Castle ...	29.71	50	SSH	8	f	29.86	+ .02	50	49	- 1	W	4	og	6	57	47	0.24		
Dover ...	29.76	49	SSH	5	o	29.83	?	49	48	+ 1	W	3	c	3	57	45	0.23		
London ...	29.67	54	SW	5	od.	29.85	+ .06	57	49	- 2	NNW	1	og	*	56	57	0.05		
Oxford ...	...	...	...	...	...	29.86	+ .15	48	47	- 6	Z	0	o	*	58	48	0.05
Cambridge ...	29.86	55	SW	6	o	29.84	+ .13	48	47	?	W	1	o	*	59	47	0.02		
Yarmouth ...	29.86	55	SW	5	c	29.77	+ .03	50	48	+ 2	W	3	cm	2	57	47	0.06		
The Helder ...	...	...	...	...	...	29.67	- .12	46	46	o	W	3	f	*	...	...	0.20
Cape Gris Nez ...	29.50	48	SW	7	f	29.88	- .01	48	48	o	SW	3	f	3	50	46	0.43		
Jersey ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brest ...	29.97	54	SSH	5	f	30.02	- .04	50	48	- 2	W	1	m	5	?	48	0.04		
L'Orient ...	30.06	52	SSH	5	mv	30.04	- .10	50	50	- 2	W	2	m	5	55	48	0.59		
Rocheport ...	30.24	54	W	4	bc	30.15	- .14	54	50	+ 4	WNW	4	o	3	55	41	-		
Biarritz ...	30.19	57	NNE	3	bc	30.19	- .11	52	50	o	SSH	3	o	5	68	45	-		
Corunna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brussels ...	...	...	...	...	...	29.85	- .10	53	50	+ 1	SSH	4	o	*	56	52	0.35
Charleville ...	...	...	...	...	...	29.87	- .10	57	...	+ 1	SSH	3	of	*	...	...	...
Paris ...	30.01	55	SW	6	o	30.00	- .08	54	52	o	SW	3	o	*	...	...	...
Lyons ...	...	...	...	...	...	30.26	- .11	49	...	- 3	NE	2	f	*	...	...	...
Toulon ...	30.24	50	E	3	mv	30.20	- .01	46	46	- 8	NE	4	mv	4	64	?	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.32	43	42	SSE	8	f	6	Valencia ...	29.65	55	54	SW	7	cmg	6
Thurso	29.14	50	49	SW	2	o	2	Scilly							
Scarborough ...	29.35	57	54	WSSW	4	c	3	London	29.70	55	54	SW	5	o	*
Greencastle ...	29.30	57	50	SW	2	o	*	Rocheport ...	30.28	55	52	WSSW	5	o	3
Holyhead	29.44	50	50	SW	6	d	4								

Pressure has decreased briskly on our east coast, and is very unsteady in the west. The wind remains south-westerly and still blows a gale in the south-west.

EXPLANATION OF COLUMNS.

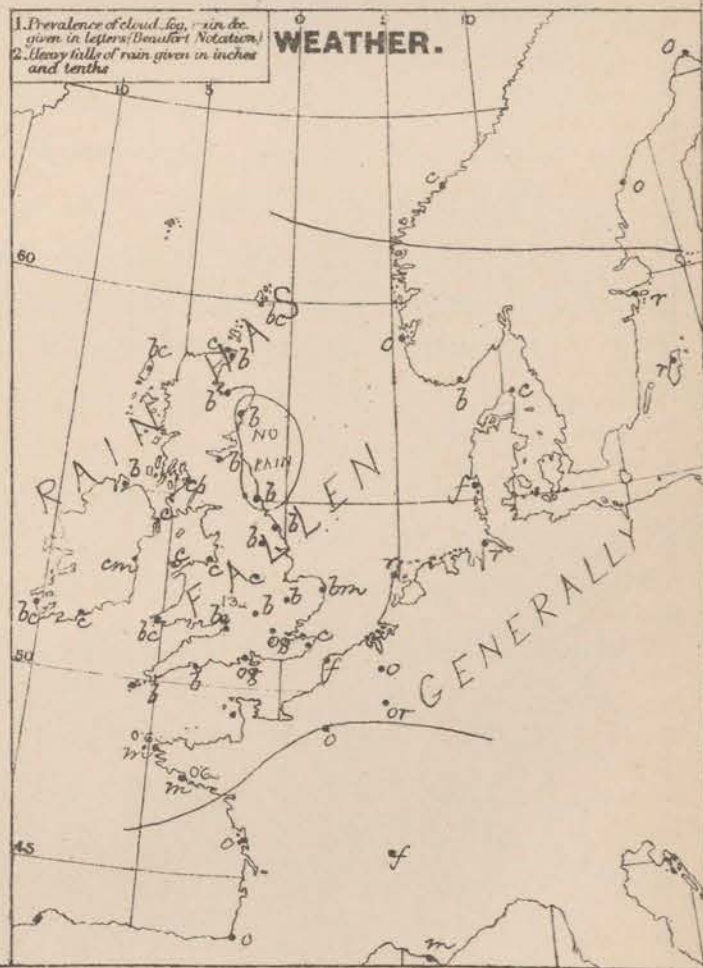
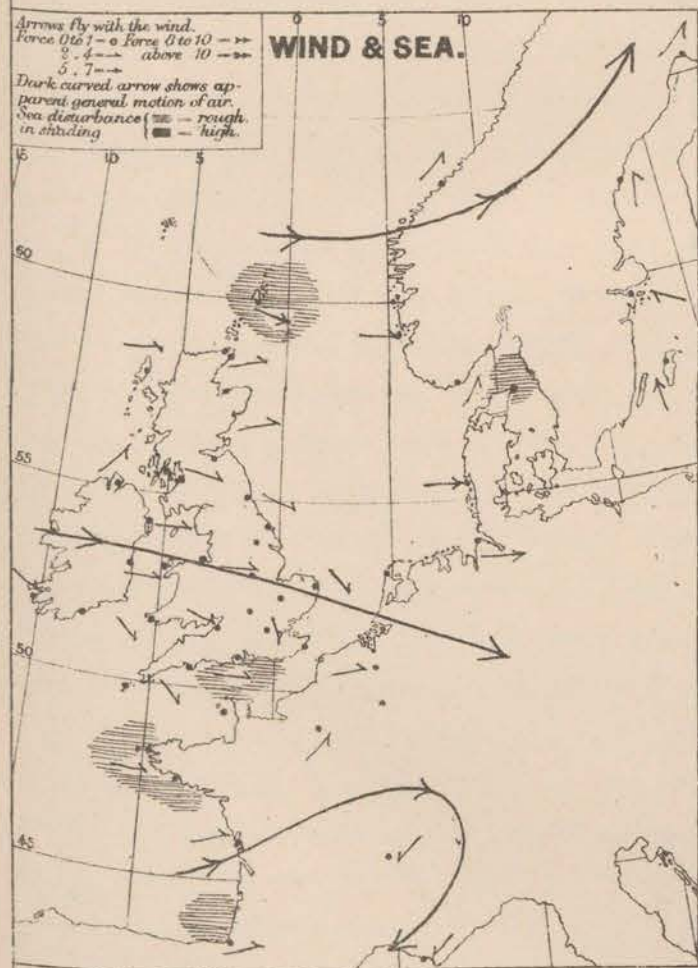
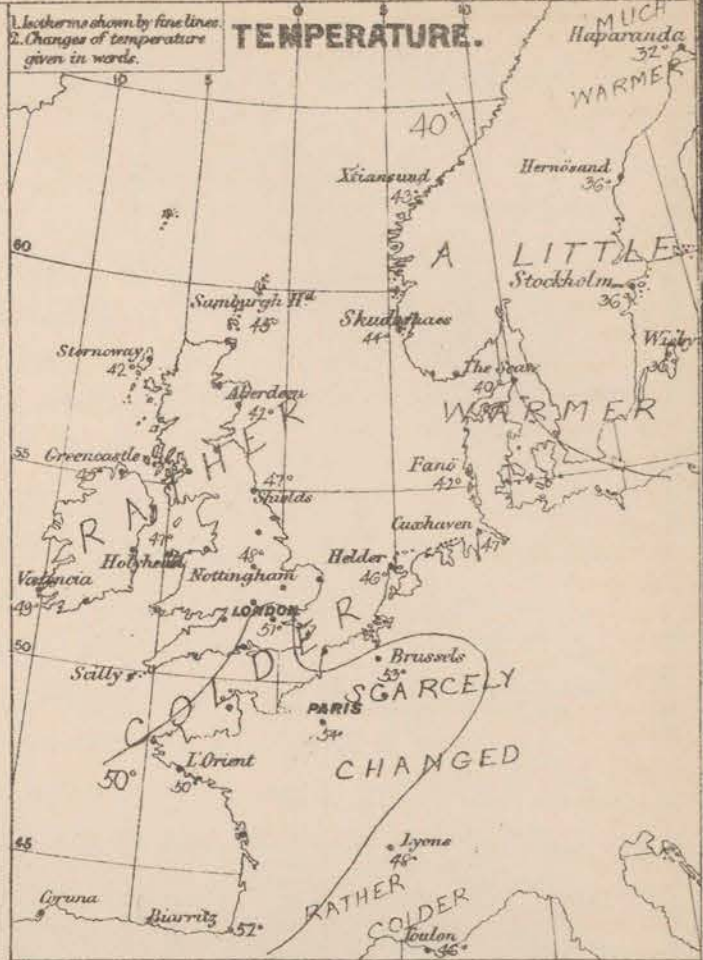
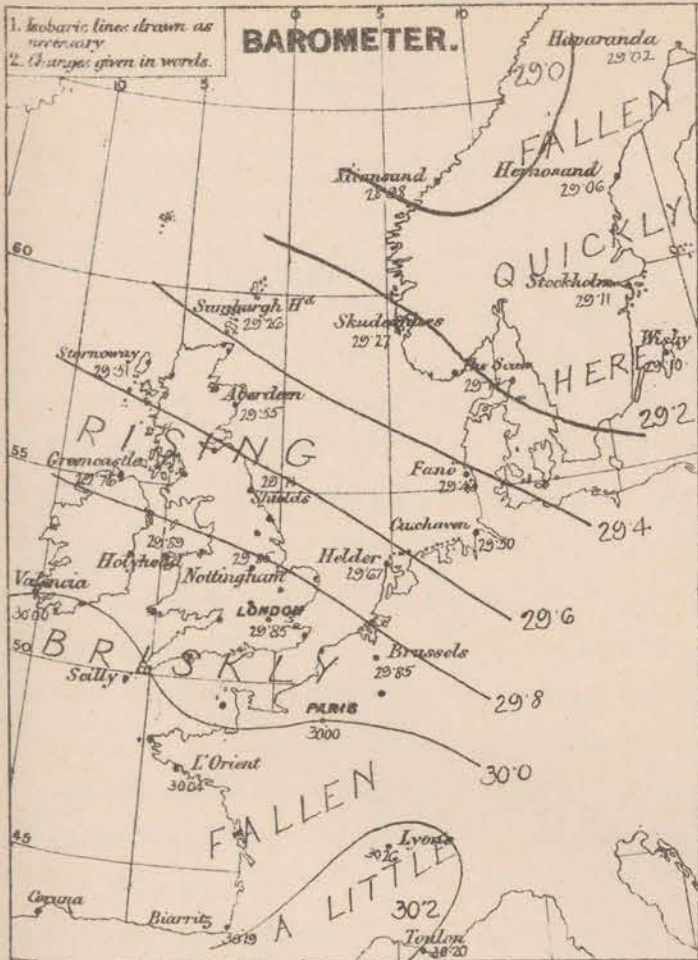
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 2ND MARCH 1878.



REMARKS. Weather is clear on our north east, east and south west coasts and moderately so in most other parts of the Kingdom, but over France, North Germany and the countries to the E^{west} of the North Sea the sky is overcast, with rain and fog in many places. Rain fell at nearly all stations yesterday - more than an inch being reported from Portishead. Temperature has risen slightly in Scandinavia but has fallen elsewhere; it is very uniform, varying from 54° in the southwest of France and 51° in the south east of England to 42° at Merton. During yesterday the thermometer rose to 64° at Blands, to 60° at Kingston and Nottingham, to 59° at Cambridge and 56° in London. Wind remains Sth in Scandinavia but has veered to W or NW in most other places; it is now moderate or light in force generally but during the whole of yesterday a moderate to fresh gale was experienced on our south west coasts and in the Channel. Sea is moderate to slight except in the Bay of Biscay. Barometrical Indications. Pressure still decreases over France, Denmark, Norway and Sweden but is recovering briskly over the United Kingdom. It is highest over the south west of France (30.19 ins.), while a large depression (28.98 ins.) lies near Christiansund. Harnings. The South Sea was hoisted on our south and south east coasts last evening but has been lowered again this morning.

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

R. H. SCOTT.
Secretary

SUMMARY OF WEATHER IN WESTERN EUROPE

from FEB 24th to MARCH 2nd 1878.

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

Pressure has been unsteady during this week but no serious disturbance has approached our shores, readings have been highest over France, while areas of low pressure have travelled in a NE^{ly} direction along our NW^{ly} coast and passed on to Norway at the same time that small subsidiary depressions have crossed these Islands. Wind has consequently been S^{ly} to SW^{ly} generally, and though moderate or fresh in force on most days has increased to a slight gale on some occasions. Temperature was about the average for the time of year in the early part of the week, but rose considerably above towards the close and on Friday was as high as 56° at Kingstown at 8 a.m. Weather with the exception of Saturday has been dull and wet and a great deal of mist has been reported.

FEB 24th A slight and regular gale^{ly} the mercury was reported over the whole of western Europe: a large area of low readings (29.3 ins) lay over the N. of Scandinavia, while over Ireland, England and France pressure was high (30.3 ins) and very uniform. Wind was very light and variable in the S. but was W^{ly} at all the more NW stations, and though moderate in most places, blew a gale at Christiansund. Temperature had fallen slightly and varied from 47° in the SW. to 35° at Aberdeen. Sky was clear in Sweden, and the N. of Denmark and Scotland overcast or cloudy elsewhere with fog over France and sleet at Christiansund. The weather, however, continued dry. In the evening the barometer was steady over France, while it had begun to decrease quickly in the N. of Norway, so that gradient had had increased, and the W^{ly} winds risen to a fresh breeze in the N.

FEB 25th The mercury had continued to fall rather briskly at the Swedish and Norwegian stations, while in all other parts of our area except the N. of France a slight decrease was reported. Pressure varied from 30.3 ins: at Brest to 29.13 ins: at Christiansund the steepest section of the gradient being^{between} the NE. of Scotland and the Shetlands. Wind was light from N. over the Bay of Biscay, but was W^{ly} in direction in most other places, it was moderate round our coasts, but increased to a strong breeze at Sumburgh Head, in the Baltic and Skager Rack, while at Skudesnaes a fresh SE^{ly} gale was experienced. Temperature had fallen somewhat in the N. but risen slightly in the S.; it varied from 48° in the SW. to 35° at Uls. In the Gulf of Bothnia it was as low as -1° F. The sky though locally clear in some places was generally overcast, with rain in the NW. of these Islands and NE. of France, sleet at Skudesnaes. During the day the barometer fell slowly in all places except the extreme N. where a slight recovery took place, the depression over Scandinavia having moved slowly eastward.

FEB 26th The Scandinavian depression was moving away SE^{ward} across the Baltic, and the mercury was rising over Norway, Sweden and the North Sea, while in the N. of France a separate recovery was reported, but at Valentia a fresh and rather brisk decrease of pressure had commenced during the night, and spread, though in a less degree to our other NW stations. A large area of high readings lay over France and the Bay of Biscay. Temperature had risen somewhat in the SW. and over France, fallen elsewhere, it varied from 51° at Valentia to 33° at Stormoway and 43° at Biarritz. Sky was clear on the eastern shores of the North Sea and in the Shetlands but was overcast or cloudy elsewhere, with snow in the N. of Scotland, mist on our east coast. Snow had occurred over the whole of N. Britain. During the day the decrease of pressure in the N. continued briskly, and extended to most of our stations, at the same time the SW^{ly} winds increased in the west, a hard gale being reported at Valentia at 3 p.m.

FEB. 27th The mercury has risen rapidly over Sweden and to a less extent in Norway and Denmark, but in all other places it had fallen, the decrease since the previous morning ranging from 0.45 in. in the S. of Ireland to 0.08 in. at Yarmouth. The highest readings still lay over France, the lowest off our N.W. coast. Wind blew from S.W. on our S. coasts, through S. over Scotland into S.E. in the west of Norway; it was strong in the S. light or moderate in the N. Temperature had risen except over Central France and in Sweden, in the latter country a rapid decrease had occurred, and the thermometer had fallen to -10°F. at Naparanda. Weather was dull and rainy generally. Later in the day a small depression passed from N. to E. across our S.W. stations causing a brief fall of rain as it advanced, while in its rear a temporary recovery took place in the barometer with a N.W. wind.

FEB. 28th The mercury was falling over Norway, Sweden and Denmark, the small depression noticed above lay off the Danish coast, while a large disturbance lay to the N.W. of Scotland; over France and the greater part of these islands the mercury was rising but in the S. of Ireland a decrease had set in since midnight. Wind was S.W. at Valentia and on the eastern shores of the North Sea, but S.W. to N. elsewhere; it was moderate in force except in the S. of Ireland where it blew strongly. Temperature had risen everywhere - several degrees over France; it varied from 54° at Valentia and Biscaya to 39° at Aberdeen. Weather was moderately fine at some of the east coast stations, overcast or very cloudy elsewhere with fog, mist, or rain generally. During the day the barometer recovered again at Valentia, but fell in all other places.

MARCH 1st The barometer was falling over the whole of western Europe the change varying from 0.3 in. in the N. of Scotland, to about 0.02 in. at Paris. The highest readings (30.3 in.) lay in a narrow band over S.W. France, the lowest 29.2 in. were still shown to the N.W. of Scotland. Gradients were rather steep in the S. Wind was S.W. to N. in direction on nearly coast; at our S.W. stations and in the Channel it blew with the force of a fresh or moderate gale but elsewhere it was lighter. Temperature had again risen slightly and was very high for the time of year, it varied from 56° at Kington to 44° at Wick. In the Gulf of Bothnia, however, the thermometer had fallen fast. Weather was clear in the N.E. of Scotland, overcast in nearly all other places with rain over almost the whole of England and Ireland. In the evening the barometer was rising again at Valentia with a N.W. breeze but elsewhere the mercury still fell, and the S.W. wind continued strong in the Channel.

MARCH 2nd Pressure still decreased over Scandinavia, N. Germany, and the S.W. part of France, but over the British Isles it was increasing briskly. The highest readings (30.2 in.) were still shown over S.W. of France, but the lowest (29.0 in.) were now over the N. of Sweden and Norway. Wind remained S. in the Baltic, but had veered to N. or N.W. in most other places; it was moderate to light in force except in Denmark. Temperature had risen very slightly over Scandinavia, but fallen a few degrees elsewhere; it was very uniform over these islands, varying from 57° in London to 42° in the Hebrides. Weather was still cloudy on the Continent, but was much brighter on our coasts during the day pressure increased steadily everywhere, with a light N.W. wind and fine weather.

DAILY WEATHER REPORT

MARCH 3rd

1878.

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° 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 ...	28.87	31	SW	4	0	29.18	+ .16	25	24	- .7	N	6	0	*	34	25	-	
Hernösand ...	29.07	35	L	0	0	29.16	+ .10	40	37	+ .4	NNH	4	0	*	*	*	-	
Stockholm ...	29.15	37	N	2	0	29.24	+ .13	37	35	+ .1	NNH	4	0	*	*	*	0.24	
Wisby ...	29.22	39	NNH	8	0	29.28	+ .18	37	36	+ .1	NH	8	0	*	*	*	0.24	
Christiansund ...	29.12	41	NH	9	7	29.60	+ .62	35	33	- .8	NE	5	0	6	41	32	0.32	
Skudesnaes ...	29.56	45	N	6	0	29.85	+ .8	43	41	- .1	NNH	6	0	4	45	?	-	
Oxö (Xtiansand) ...	29.51	45	NNH	6	0	29.74	+ .53	44	39	+ .3	NNH	6	0	4	45	41	-	
Skagen (The Seaw) ...	29.49	41	NNH	7	0	29.66	+ .59	42	39	+ .2	NNH	9	0	9	45	37	-	
Fanö ...	29.54	42	N	6	0	30.00	+ .57	42	41	0	N	6	0	*	46	41	-	
Cuxhaven ...	29.87	46	NH	5	0	30.12	+ .62	44	44	- .3	NH	5	0	*	46	41	0.04	
Sumburgh Head ...	29.50	45	NNH	6	0	29.87	+ .61	45	43	0	NNH	3	0	4	44	?	0.25	
Stornoway ...	29.79	45	N	4	0	29.94	+ .63	47	46	+ .5	NH	1	0	3	49	40	0.01	
Thurso ...	29.71	45	NH	5	0	29.94	+ .50	44	43	0	?SSH	2	0	3	53	43	-	
Wick ...	29.77	45	NH	4	0	29.97	+ .50	46	43	+ .3	SW	2	0	0	52	40	-	
Nairn ...	29.82	47	N	4	0	30.00	+ .49	44	41	- .1	NH	1	0	1	52	42	-	
Aberdeen ...	29.80	48	N	2	0	30.04	+ .49	42	40	0	SW	1	0	1	53	41	-	
Leith ...	29.89	48	NNH	3	0	30.10	+ .47	47	45	+ .1	NH	2	0	*	53	45	-	
Shields ...	29.97	48	N	3	0	30.20	+ .49	47	45	0	N	1	0	1	52	44	-	
Scarborough ...	30.08	49	NNH	2	0	30.24	+ .48	48	46	0	NH	2	0	2	54	43	-	
York ...	30.05	48	N	3	0	30.26	+ .49	47	46	+ .3	SW	2	0	*	55	42	-	
Nottingham ...	30.12	48	NH	1	0	30.32	+ .47	43	41	- .5	SSH	3	0	*	54	36	-	
Adrossan ...	29.96	51	NNH	5	0	30.15	+ .45	47	45	- .1	SW	3	0	3	52	47	-	
Greencastle ...	29.99	50	N	3	0	30.10	+ .34	47	46	+ .2	S	4	0	*	54	43	-	
Donaghadee ...	30.07	48	N	3	0	30.21	+ .40	45	44	0	SSH	3	0	2	53	43	-	
Kingstown ...	30.13	51	NNH	4	0	30.27	+ .38	50	46	+ .3	S	3	0	2	53	47	-	
Holyhead ...	30.07	47	NH	2	0	30.29	+ .40	45	45	- .2	SW	2	0	2	53	44	-	
Liverpool (Bidston) ...	30.10	47	NH	4	0	30.30	+ .46	46	43	+ .1	SW	2	0	1	50	44	-	
Valencia ...	30.22	51	NH	2	0	30.26	+ .26	51	48	+ .2	SSH	6	0	5	56	44	-	
Roche's Point ...	30.21	50	NH	2	0	30.31	+ .30	49	47	+ .3	NH	3	0	3	55	46	-	
Hembroke ...	30.18	48	N	2	0	30.26	+ .45	47	47	0	SW	2	0	3	50	45	-	
Portishead ...	30.14	48	NNH	4	0	30.26	+ .49	45	44	- .3	NH	4	0	3	53	40	-	
Scilly ...	30.21	50	NH	2	0	30.42	+ .47	44	44	- .3	L	0	0	*	56	40	-	
Plymouth ...	30.15	52	NNH	3	0	30.38	+ .52	43	42	- .7	N	3	0	4	54	41	-	
Hurst Castle ...	30.11	50	NH	3	0	30.37	+ .54	47	44	- .2	N	2	0	1	53	44	-	
Dover ...	30.14	53	NNH	1	0	30.36	+ .51	39	38	- .12	SW	2	0	*	56	57	-	
London ...	30.12	47	NH	1	0	30.35	+ .51	39	38	- .9	SW	1	0	*	57	35	-	
Oxford ...	30.05	50	NNH	2	0	30.30	+ .53	40	39	- .10	N	2	0	*	54	38	-	
Cambridge ...	30.05	50	NNH	2	0	30.24	+ .57	44	43	- .2	NH	2	0	*	*	*	-	
Yarmouth ...	30.13	50	L	0	0	30.37	+ .49	46	45	- .2	N	1	0	0	52	49	-	
The Helder ...	30.28	59	N	3	0	30.49	+ .47	45	45	- .5	L	0	0	4	54	43	-	
Cape Gris Nez ...	30.25	52	N	7	0	30.57	+ .47	41	41	- .9	N	2	0	5	55	37	-	
Jersey ...	30.19	50	N	4	0	30.41	+ .36	45	45	- .9	NNE	3	0	3	54	46	0.20	
Brest ...	30.27	55	NH	2	0	30.40	+ .21	52	50	0	ENE	1	0	5	59	50	0.04	
L'Orient ...	30.27	55	NH	2	0	30.40	+ .21	52	50	0	ENE	1	0	5	59	50	0.04	
Rochefort ...	30.27	55	NH	2	0	30.40	+ .21	52	50	0	ENE	1	0	5	59	50	0.04	
Biarritz ...	30.27	55	NH	2	0	30.40	+ .21	52	50	0	ENE	1	0	5	59	50	0.04	
Corunna ...	30.12	52	N	2	0	30.42	+ .42	47	46	- .7	NH	1	0	*	*	*	0.04	
Brussels ...	30.12	52	N	2	0	30.42	+ .42	47	46	- .7	NH	1	0	*	*	*	0.04	
Charleville ...	30.12	52	N	2	0	30.42	+ .42	47	46	- .7	NH	1	0	*	*	*	0.04	
Paris ...	30.12	52	N	2	0	30.42	+ .42	47	46	- .7	NH	1	0	*	*	*	0.04	
Lyons ...	30.17	50	E	3	0	30.25	+ .05	48	48	+ .2	E	1	0	2	52	46	-	
Toulon ...	30.17	50	E	3	0	30.25	+ .05	48	48	+ .2	E	1	0	2	52	46	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.50	45	42	N	6	0	4	Valencia	30.14	54	50	N	3	20	3
Thurso	29.57	51	47	N	5	0	4	Scilly							
Scarborough ...	29.91	53	48	NNE	2	0	2	London	30.02	54	48	NW	2	0	*
Greencastle ...	29.89	52	47	N	4	0	*	Rochefort ...	30.14	52	52	NSE	5	7	3
Holyhead	30.04	50	49	NSE	2	0	1								

The barometer still rises briskly on all our coasts and the weather is improving.

EXPLANATION OF COLUMNS.

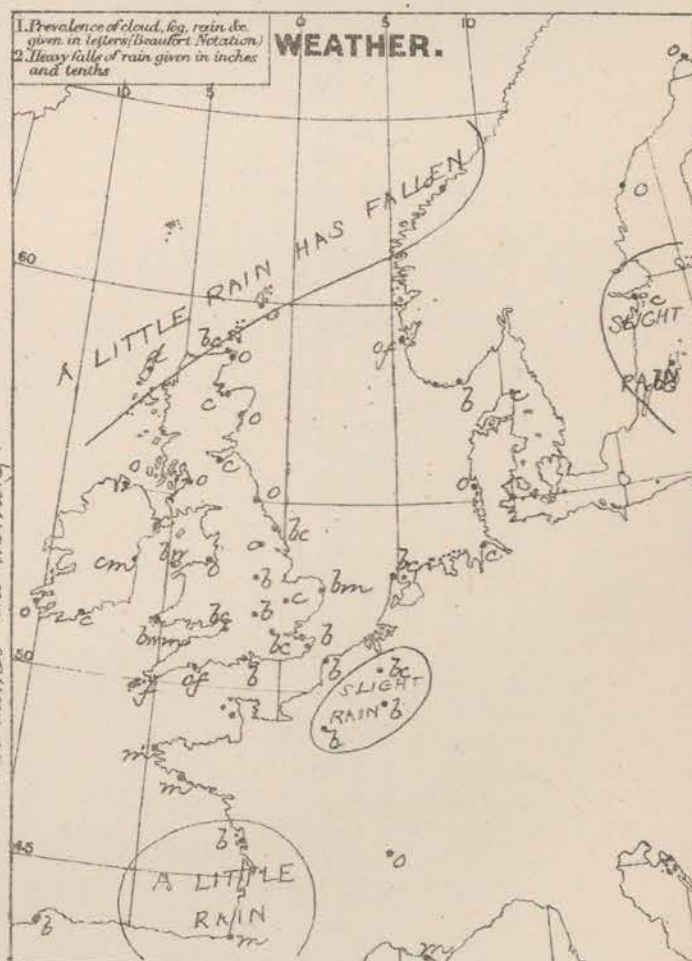
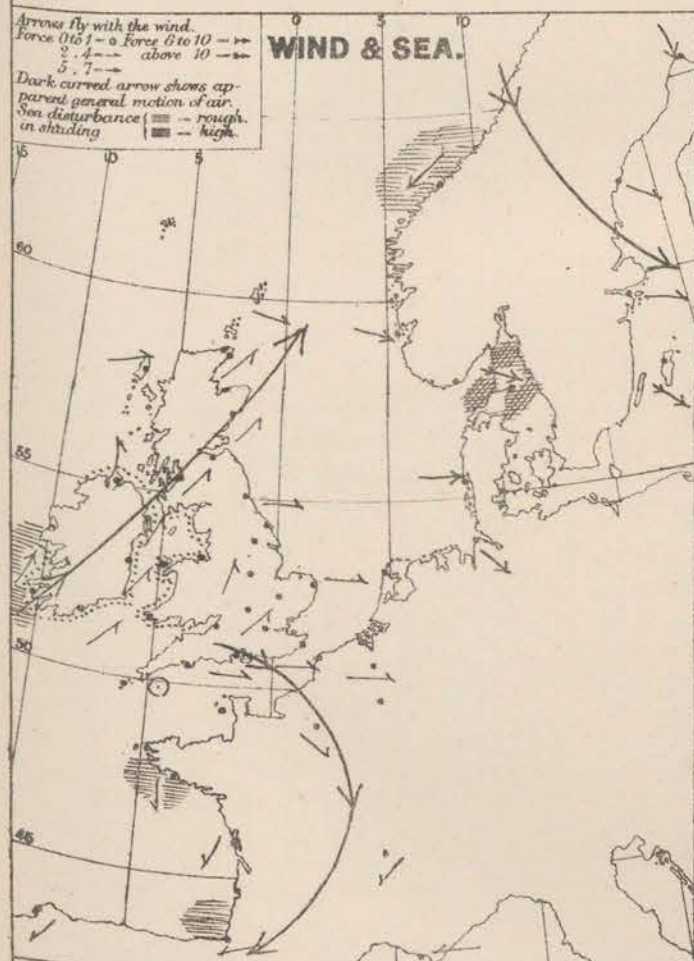
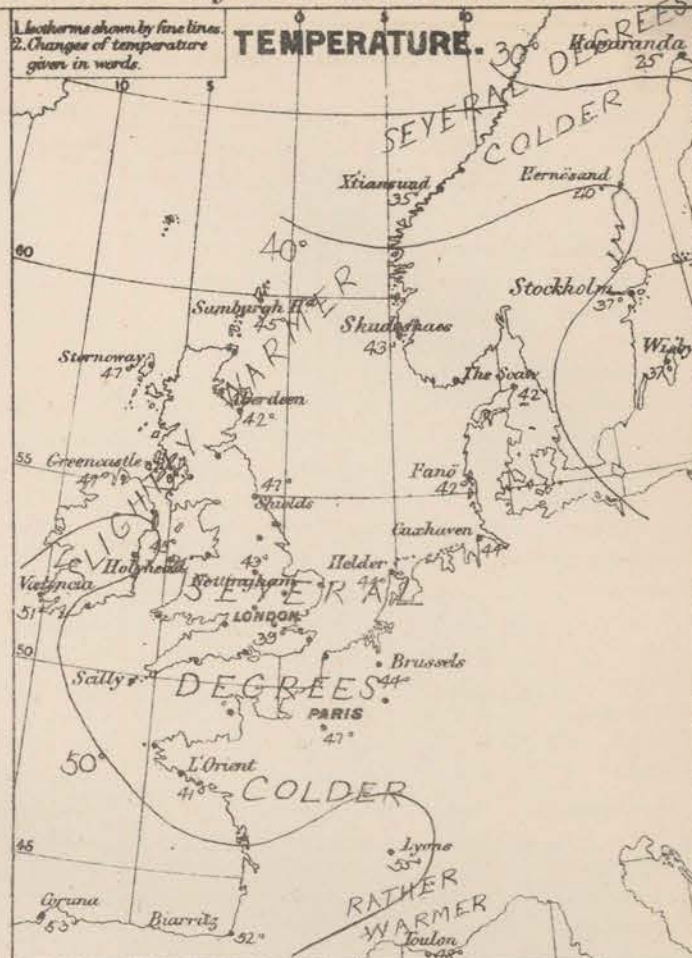
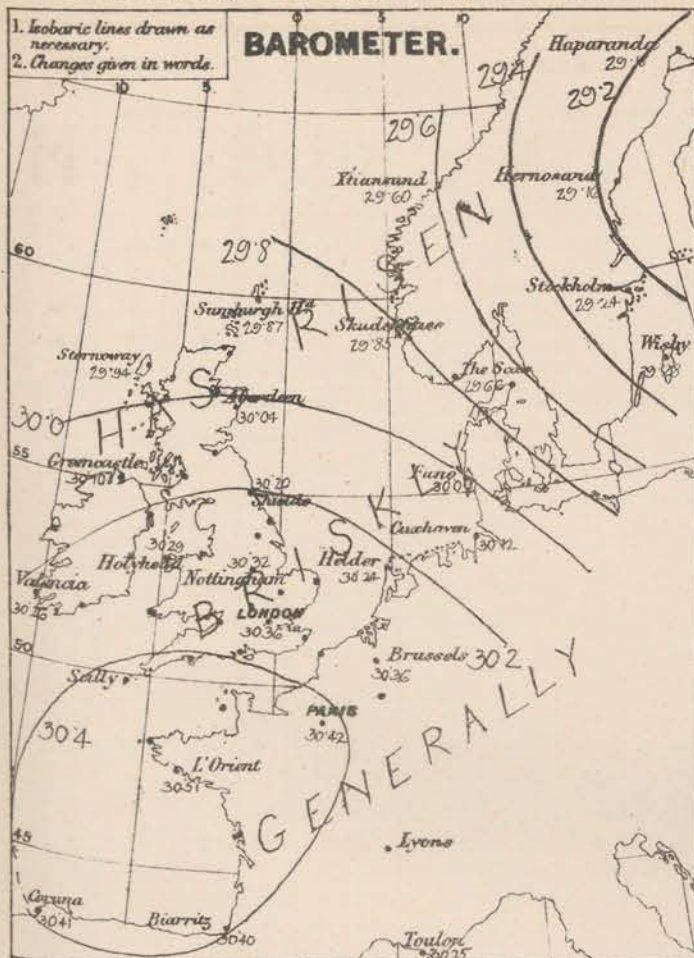
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 3RD MARCH 1876.



REMARKS. Weather is fine over France and the south coast of England, but is very cloudy in all other places, with drizzling rain at Stornoway. Rain fell yesterday in the extreme north of Scotland and some parts of Scandinavia and France, but the amounts were in no instance large. Temperature has risen a little on our western and northern coasts but fallen several degrees over France and the south and south east of England. The lowest readings in the British Islands are now reported from London and Cambridge, where the thermometer registers 39°, but in the south of Ireland the temperature is slightly above 50°, and even in the north of Scotland it is as high as 45°. Wind is light from the SW in these Islands but blows into W. and W.N.W. on the eastern shores of the North Sea and blows a gale at the Scaw. Sea is high at the Scaw, rather rough at Valentia and in the Bay of Biscay, smooth elsewhere.

Barometrical indications. The barometer rose briskly at all stations during yesterday, but in the south of Ireland the rise has now ceased and the mercury is apparently falling a little. Pressure varies from 30.4 in the Bay of Biscay to 29.1 in the Gulf of Bothnia.

Warnings: The following warning has been issued to our west coasts:—"Barometer falling again at Valentia. Wind backing and increasing. Sea rising. Heaviest hulk here Sunday 9.15 am."

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

DAILY WEATHER REPORT

MARCH 4TH 1878.

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 15).		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 15).			Max.	Min.		
Haparanda ...	29.85	21	N	4	b	30.08	+ .90	11	10	- .74	SW	2	b	*	28	10	-	
Hernösand ...	30.10	30	N	2	b	30.23	+ 1.07	19	19	- .21	Z	0	b	*	*	*	-	
Stockholm ...	30.03	29	NN	4	b	30.30	+ 1.06	24	23	- .13	Z	0	b	*	*	*	-	
Wisby ...	29.93	41	NNE	8	b	30.23	+ 1.05	34	33	- .3	NNW	6	b	*	*	*	-	
Christiansund ...	30.04	33	ESE	1	b	30.20	+ .60	17	42	+ 12	S	3	a	4	468		-	
Skudesnaes ...	30.20	43	NNW	2	r	30.18	+ .33	42	42	0	SSE	8	f	4	46	43	-	
Oxö (Xiansand) ...	30.17	41	NNW	2	c	30.30	+ .34	39	39	- .5	N	2	f	2	46		-	
Skagen (The Seaw) ...	30.21	38	NNW	2	b	30.34	+ .68	37	37	- .5	WSW	3	0	1	45	34	-	
Fanö ...	30.32	41	NNW	4	c	30.34	+ .34	42	42	0	SW	2	c	*	45	39	-	
Cuxhaven ...	30.28	46	NW	4	0	30.51	+ .39	43	43	- .1	SW	1	f	*	45	41	-	
Sumburgh Head ...	29.98	47	NW	5	r	29.59	+ .02	47	46	+ .2	SW	5	0	5	48	43	0.02	
Stornoway ...	29.93	48	SW	7	tw	29.93	- .01	45	45	- .2	N	3	r	5	52	44	0.26	
Thurso ...	29.98	50	SSW	3	0	29.92	- .02	50	50	+ .6	SSE	2	2f	4	56	44	0.03	
Wick ...	30.02	46	SW	2	0	29.96	- .01	48	47	+ .2	SSW	4	0	2	52	44	-	
Nairn ...	30.03	50	WSW	2	bc	29.99	- .01	53	50	+ .9	WSW	2	0	1	53	44	-	
Aberdeen ...	30.11	48	SW	2	c	30.08	+ .04	50	47	+ .8	SW	4	c	1	52	42	-	
Leith ...	30.17	57	WSW	2	0	30.15	+ .05	50	48	+ .3	SW	5	c	*	54	46	-	
Shields ...	30.25	50	WSW	2	0	30.30	+ .10	49	46	+ .2	SW	2	0	2	52	45	-	
Scarborough ...	30.38	50	SW	1	0	30.35	+ .11	48	46	0	WSW	2	c	2	53	45	-	
York ...	30.36	50	SW	1	c	30.39	+ .13	47	45	0	SSW	1	0	*	54	45	-	
Nottingham ...	30.42	51	SSW	3	0	30.48	+ .16	47	45	+ .4	SSW	4	0	*	61	41	-	
Ardrossan ...	30.18	49	SW	4	0	30.18	+ .03	49	47	+ .2	SSW	4	0	4	50	47	-	
Greencastle ...	30.10	52	SW	4	0	30.11	+ .01	49	48	+ .2	S	4	0	*	51	46	-	
Donaghadee ...	30.23	48	WSW	3	bc	30.23	+ .02	48	47	+ .3	SSW	4	0	2	51	45	-	
Kingstown ...	30.29	53	SW	1	0	- ?	- ?	51	47	+ .1	N	5	0	4	51	49	-	
Holyhead ...	30.32	49	SSW	5	bc	30.36	+ .07	48	48	+ .3	SSW	6	0	4	51	45	-	
Liverpool (Bidston) ...	30.36	50	SW	2	0	30.39	+ .09	49	45	+ .3	S	3	0	1	52	43	-	
Valencia ...	30.26	53	SSW	7	om	30.24	- .02	4	50	0	SSW	8	7gw	7	55	50	0.01	
Roche's Point... ..	30.34	49	SSW	5	0	30.37	+ .06	50	48	+ .1	SW	4	c	4	55	44	-	
Pembroke ...	30.43	48	SSW	2	om	30.47	+ .11	48	46	+ .1	SSW	3	0	4	50	46	-	
Portishead ...	30.46	48	WSW	3	c	30.50	+ .14	47	45	+ .2	SW	2	c	2	54	43	-	
Seilly ...																		
Plymouth ...	30.50	50	SW	1	bc	30.56	+ .14	49	47	+ .5	SW	1	0	*	54	43	-	
Hurst Castle ...	30.49	49	SW	1	c	30.56	+ .18	49	48	+ .6	SSW	4	0	4	53	41	-	
Dover ...	30.48	47	WSW	3	b	30.60	+ .23	46	45	- .1	N	3	bc	3	50	43	-	
London ...	30.46	51	WSW	2	bc	30.56	+ .20	47	45	+ .8	WSW	2	0	*	59	39	-	
Oxford ...	*	*	*	*	*	30.55	+ .23	46	44	+ .6	WSW	1	0	*	55	40	-	
Cambridge ...	30.42	48	SW	1	b	30.56	+ .21	43	43	+ .4	S	1	om	*	59	37	-	
Yarmouth ...	30.41	52	N	1	bc	30.59	+ .21	42	41	+ .2	SW	3	bc	2	55	40	-	
The Helder ...	*	*	*	*	*	30.50	+ .26	44	44	0	SW	1	bc	*	*	*	-	
Cape Gris Nez ...	30.48	46	SW	3	bc	30.61	+ .24	46	45	0	N	2	0	2	58	4	-	
Jersey ...																		
Brest ...	30.50	49	SE	1	om	30.59	+ .10	43	44	- .2	SE	2	m	4	48	41	-	
L'Orient ...	30.5	46	N	3	b	30.62	+ .11	41	41	- ?	ESE	3	b	3	50	37	0.04	
Rocheport ...	30.49	55	WSW	4	b	30.59	+ .18	49	43	+ .4	E	4	b	3	55	41	-	
Biarritz ...	30.49	54	NNW	3	c	30.55	+ .15	48	46	- .4	Z	0	m	3	54	45	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.63	+ .27	42	42	- .2	WSW	1	f	*	54	40	-	
Charleville ...	*	*	*	*	*	- ?	- ?	?	?	?	SSW	3	f	*	*	*	*	
Paris ...	30.53	53	NNW	2	bc	30.66	+ .24	44	41	- .5	NNW	1	f	*	*	*	-	
Lyons ...	*	*	*	*	*	30.57	+ .20	52	*	- .3	N	2	b	*	*	*	*	
Toulon ...	30.35	54	Z	0	m	30.45	+ .20	50	48	+ .2	SW	2	m	3	59	46	-	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.10	46	44	NNW	2	bcf	3	Valencia							
Thurso								Seilly							
Scarborough ...								London					*		
Greencastle ...							*	Rocheport ...	30.48	55	52	NNW	4	b	3
Holyhead															

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	30.10	46	44	NNW	2	bc	3	Valencia ...			
Thurso ...								Seilly ...			
Scarborough ...								London ...			*
Greencastle ...						*		Rocheport ...	30.48	55	52
Holyhead ...									NNW	4	b

EXPLANATION OF COLUMNS.

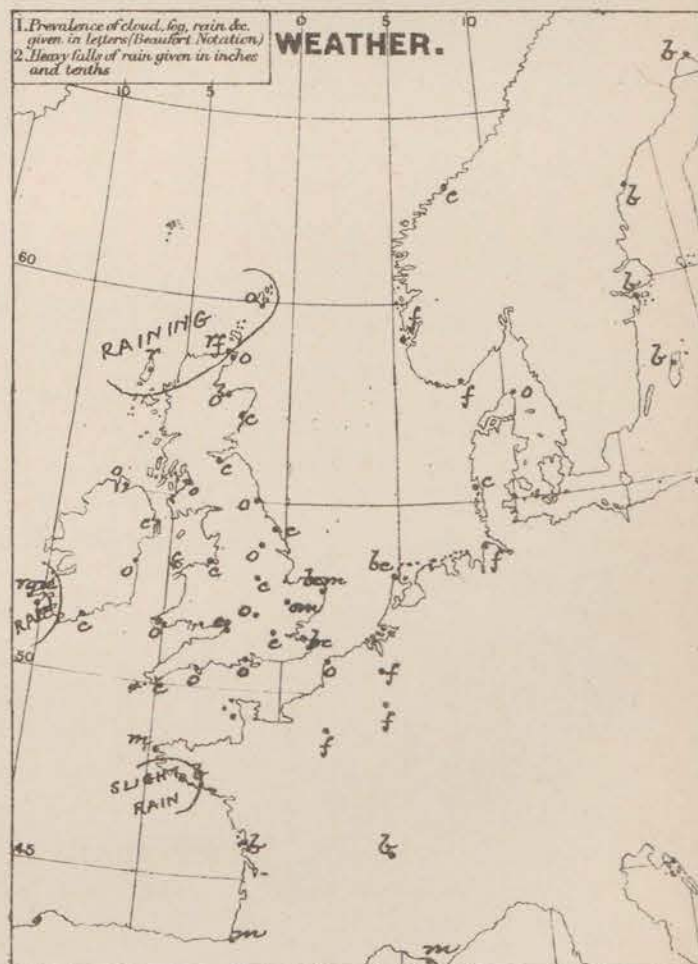
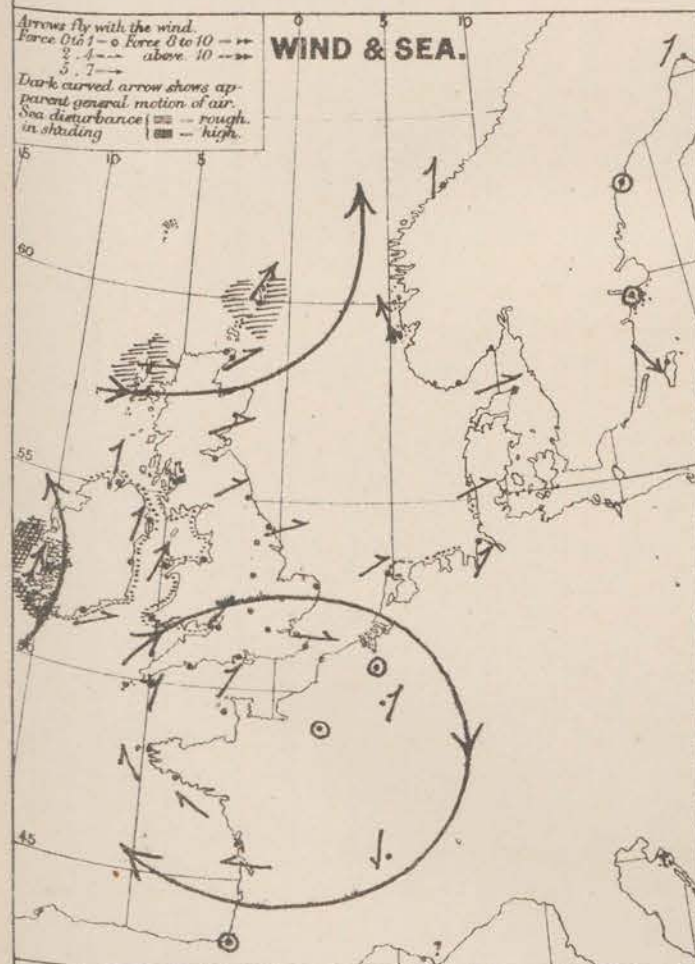
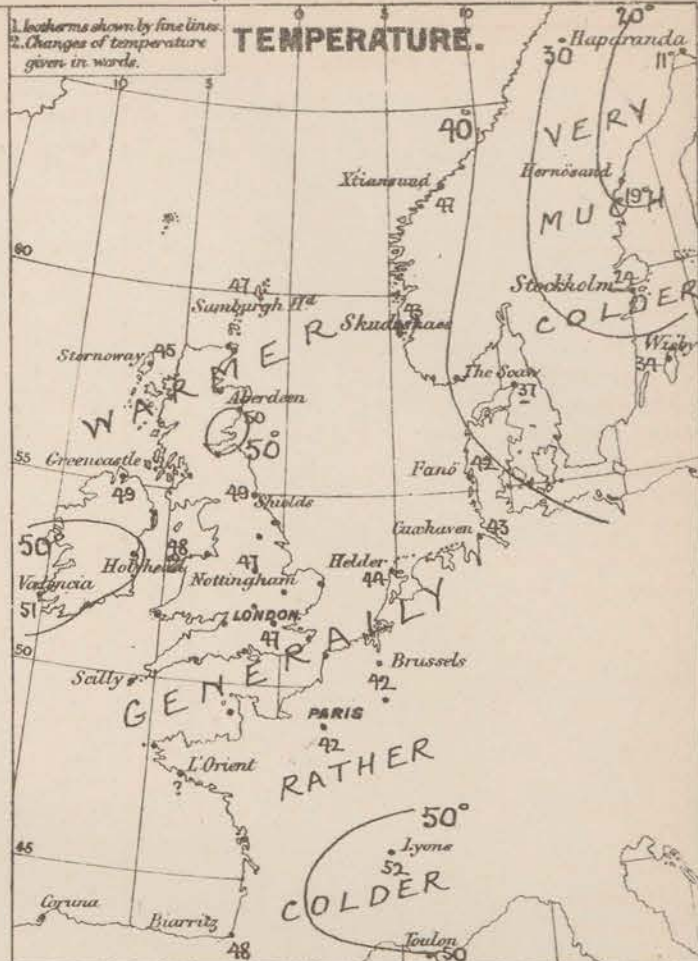
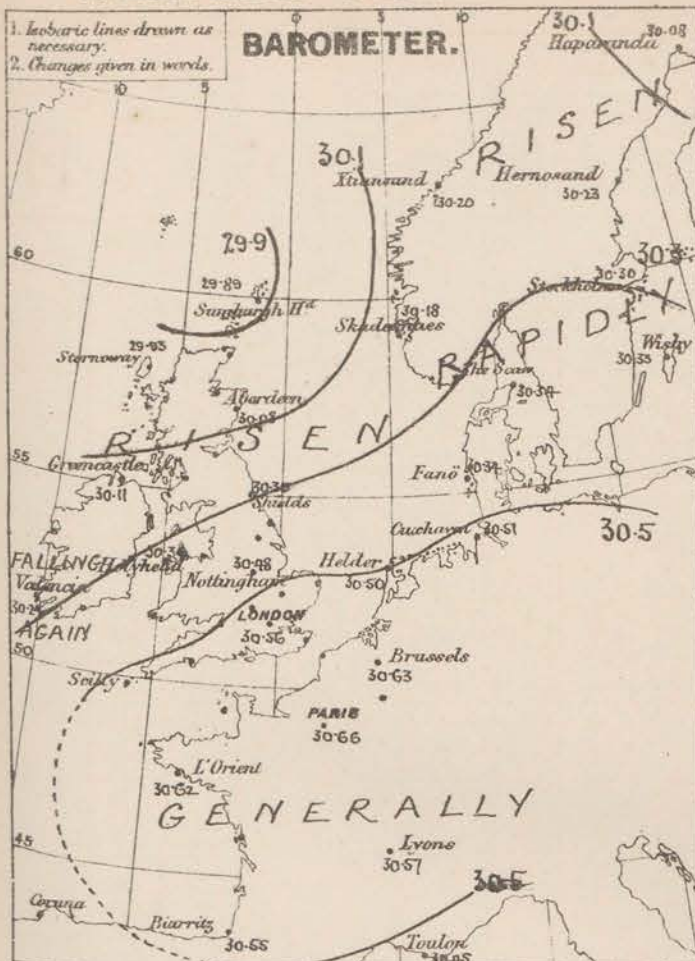
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Monday 4. MARCH. 1873.



REMARKS. Weather is very cloudy all over the United Kingdom, with rain at Thurso, Stornoway and Valentia, and a threatening appearance in the extreme W. In France, N. Germany and on the E. shores of the North Sea fog prevails, while in Sweden the sky is very clear. Temperature has increased over our Islands, and varies from 48° to 51° in the W. and N., while it is 42° to 43° over the E. counties. Over the Continent it has fallen, especially on the shores of the Gulf of Bothnia, where it has fallen from 13° to 20°, and is as low as 11° F. at Haparanda. Wind is SW. over our Islands, and E. to SE. in the Bay of Biscay, but from it is generally light to moderate, but blows a gale at Valentia, a strong breeze at Holyhead, and a fresh breeze at Lough and Slough. Sea is high off the W. of Ireland, rather rough in the extreme N., moderate in the W., slight or smooth elsewhere.

Barometrical Indications. Barometrical readings vary from 30.66 in. at Paris to 29.9 in. off the N. of Scotland. The barometer is rising from SW. to NE. outside the Irish and Scotch coasts, one of which is now passing away to the N. of Scotland, while a new one is advancing towards Ireland from the Atlantic. The barometer is consequently falling in Ireland, but still rises slowly in the SE.

Fogging. The Dublin Fog was hoisted at our W. stations on Sunday, and is still up.

DAILY WEATHER REPORT MARCH 5TH 1878.

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 ...	29.65	30	SW	6	0	29.24	- .54	33	32	+ 22	W	0	0	*	?	11	-		
Hernösand ...	29.83	36	S	2	0	29.44	- .79	37	36	+ 18	SW	2	1	*	*	*	0.08		
Stockholm ...	30.05	38	SSW	5	0	29.63	- .67	39	38	+ 15	SW	6	0	*	*	*	-		
Wisby ...	30.23	34	NW	6	0	29.87	- .46	40	39	+ 6	WSW	8	0	*	*	*	-		
Christiansund ...	29.69	41	WSW	7	1	29.41	- .79	39	37	- 8	WSW	4	0	5	48	28	0.91		
Skudesnaes ...	29.96	43	SSE	6	1	29.73	- .45	41	39	- 2	W	6	0	4	?	?	0.47		
Oxö (Xtiansand) ...	30.11	40	SW	4	f	29.67	- .63	42	40	+ 3	SW	6	0	4	?	37	0.04		
Skagen (The Skaw) ...	30.14	42	WSW	4	0	29.73	- .61	42	41	+ 5	WSW	6	1	5	45	34	0.04		
Fanö ...	30.28	41	SW	6	f	30.01	- .33	42	42	0	WSW	6	1	*	45	41	-		
Cuxhaven ...	30.40	48	W	2	0	30.21	- .30	45	44	+ 2	WSW	5	1	*	50	41	-		
Sumburgh Head ...	29.96	44	WSW	4	1	29.61	- .28	40	38	- 7	W	6	0	6	48	35	0.18		
Stornoway ...	29.91	41	W	3	0	29.82	- .11	39	38	- 6	W	5	0	4	45	35	0.38		
Thurso ...	29.91	?	W	2	0	29.79	- .13	37	36	- 13	WSW	5	0	5	51	35	0.29		
Wick ...	29.92	43	W	0	1	29.82	- .14	38	37	- 10	W	3	0	2	49	35	0.25		
Nairn ...	29.98	44	WSW	1	0	29.91	- .08	38	37	- 15	WSW	1	0	1	34	35	0.15		
Aberdeen ...	29.99	48	WSW	1	1	29.95	- .13	39	36	- 11	W	2	0	1	52	37	0.08		
Leith ...	30.04	50	WSW	5	1	30.07	- .08	42	40	- 8	WSW	6	0	*	53	38	0.22		
Shields ...	30.19	57	WSW	7	0	30.23	- .07	43	39	- 6	WSW	7	0	2	52	40	0.01		
Scarborough ...	30.24	49	WSW	2	0	30.29	- .06	43	40	- 5	WSW	2	0	2	53	40	-		
York ...	30.30	50	SW	4	0	30.35	- .04	42	40	- 5	W	3	0	*	55	39	-		
Nottingham ...	30.37	52	SSW	5	0	30.46	- .02	40	38	- 7	SSW	4	0	*	54	35	-		
Ardrossan ...	30.09	46	SSW	2	1	30.16	- .02	44	42	- 5	WSW	5	0	4	50	44	0.36		
Greencastle ...	30.07	46	SW	3	1	30.18	+ .07	43	42	- 6	WSW	3	0	*	50	39	0.46		
Donaghadee ...	30.16	47	SSW	5	0	30.28	+ .05	41	40	- 7	W	3	0	2	50	38	0.09		
Kingstown ...	30.23	57	WSW	4	0	30.47	?	45	41	- 6	W	4	0	4	54	43	0.15		
Holyhead ...	30.26	47	SSW	5	0	30.48	+ .12	44	44	- 4	SSW	5	0	5	50	43	0.17		
Liverpool (Bidston) ...	30.29	48	SW	3	0	30.41	+ .02	44	40	- 5	WSW	4	0	3	52	42	0.07		
Valencia ...	30.38	45	WSW	4	1	30.52	+ .28	48	45	- 3	WSW	5	0	4	52	43	0.43		
Roche's Point ...	30.36	47	W	5	0	30.55	+ .18	45	43	- 5	WSW	3	0	4	52	40	0.23		
Pembroke ...	30.40	48	SSW	3	0	30.56	+ .09	47	44	- 1	W	4	0	3	49	45	0.01		
Portishead ...	30.45	49	SW	4	0	30.56	+ .06	43	41	- 4	WSW	3	0	3	55	40	-		
Seilly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plymouth ...	30.50	49	SW	4	0	30.63	+ .07	41	39	- 8	NW	1	0	*	53	41	-		
Hurst Castle ...	30.49	48	S	4	0	30.57	+ .01	44	42	- 5	WSW	3	0	4	50	42	-		
Dover ...	30.50	45	WSW	3	0	30.50	- .10	45	42	- 1	NW	4	0	2	49	47	-		
London ...	30.46	50	WSW	3	0	30.52	- .04	44	41	- 3	W	2	0	*	57	43	-		
Oxford ...	...	...	...	...	...	30.53	- .02	40	38	- 6	W	1	0	*	55	40	-
Cambridge ...	30.40	48	SW	2	0	30.47	- .09	40	37	- 3	SW	1	0	*	57	39	-		
Yarmouth ...	30.38	57	SW	3	0	30.41	- .10	42	40	0	WSW	4	0	2	53	40	-		
The Helder ...	...	...	...	...	...	30.31	- .19	43	?	- 1	W	3	0	*	...	...	-
Cape Gris Nez ...	30.52	43	SW	3	f	30.51	- .10	46	45	0	NW	3	0	2	48	41	-		
Jersey ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brest ...	30.57	?	SSW	2	m	30.68	+ .09	46	43	+ 3	N	4	0	4	50	41	-		
L'Orient ...	30.58	50	SW	1	0	30.65	+ .03	46	45	?	N	3	0	3	55	39	-		
Rochefort ...	30.49	54	NE	3	0	30.55	- .04	43	43	- 2	N	4	0	3	?	37	-		
Biarritz ...	30.57	54	NNE	1	0	30.62	+ .07	52	50	+ 4	WSW	3	0	3	55	45	-		
Corunna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brussels ...	...	...	...	...	...	30.47	- .16	44	42	+ 2	WSW	1	0	*	47	41	-
Charleville ...	...	...	...	...	...	30.43	?	36	?	?	SE	3	0	*	...	...	-
Paris ...	30.55	52	SSW	1	0	30.56	- .10	46	44	+ 4	NW	4	0	*	...	...	-
Lyons ...	...	...	...	...	...	30.55	- .02	48	...	- 4	N	2	0	*	...	...	-
Toulon ...	30.43	57	SW	1	m	30.44	- .01	44	50	+ 4	W	0	0	2	64	50	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	30.09	44	43	SSE	6	1	Valencia ...	30.27	49	48	W	1	1
Thurso ...	29.95	45	44	WNW	2	0	Seilly ...	...	...	...	...	...	...
Scarborough ...	30.27	50	47	WSW	4	0	London ...	30.57	55	50	SW	3	0
Greencastle ...	30.10	46	46	WSW	2	1	Rochefort ...	30.52	63	55	ENE	...	3
Holyhead ...	30.33	49	48	SSW	6	0							

The barometer has begun to rise again at Valencia since noon, and the wind there has veered to west, and fallen very light. Strong SSW winds are blowing in the Irish Sea.

EXPLANATION OF COLUMNS.

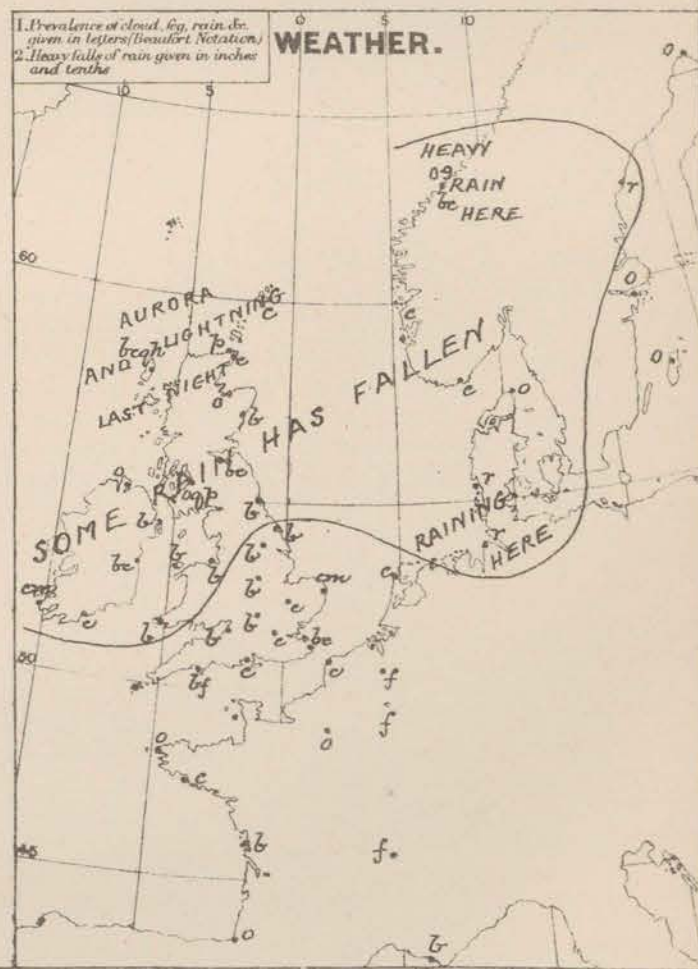
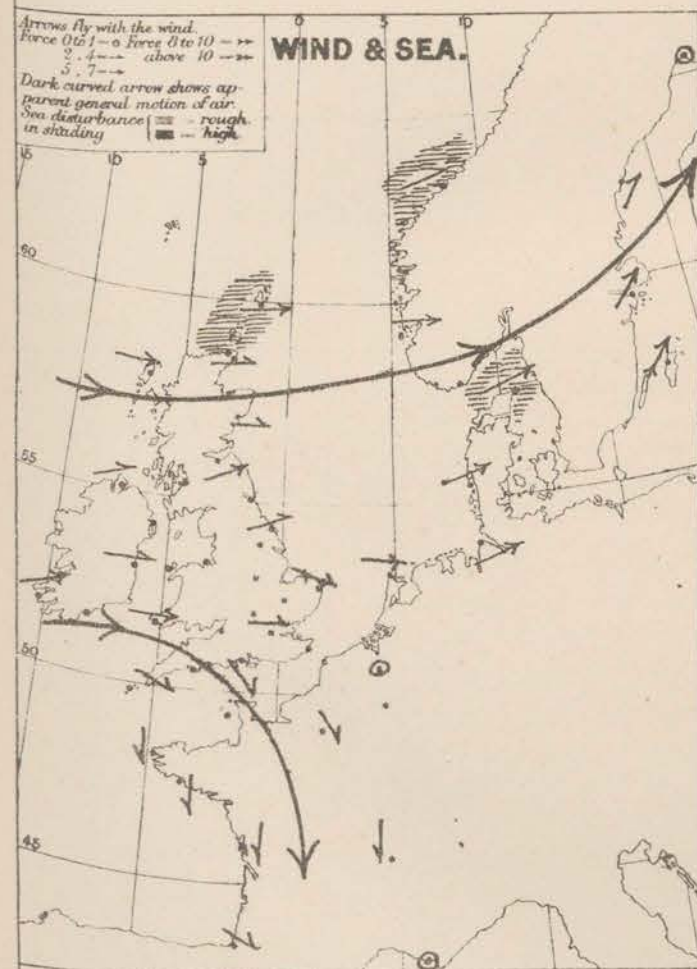
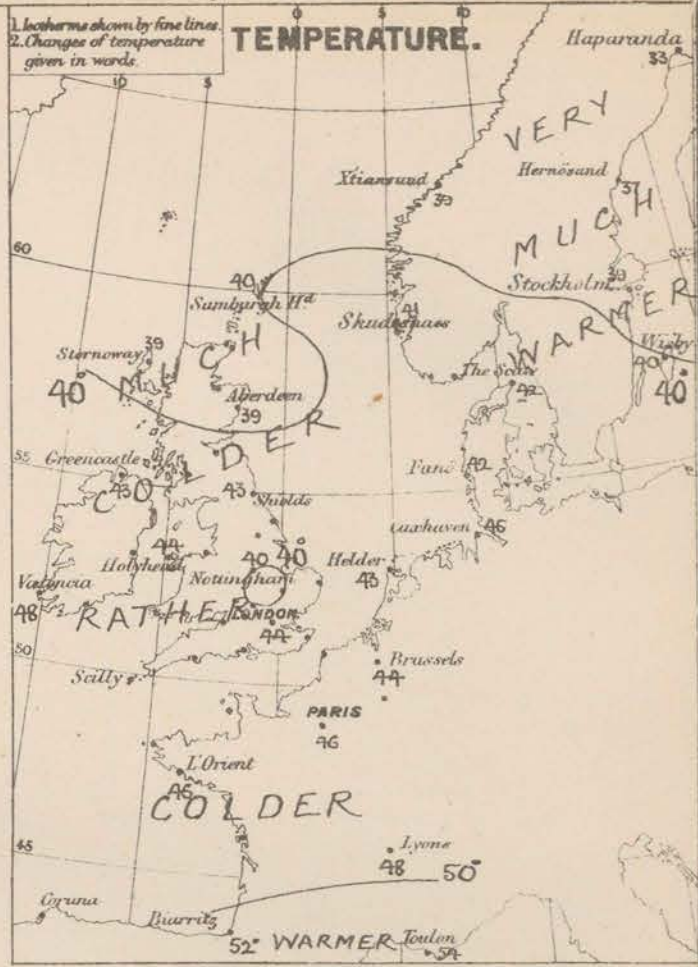
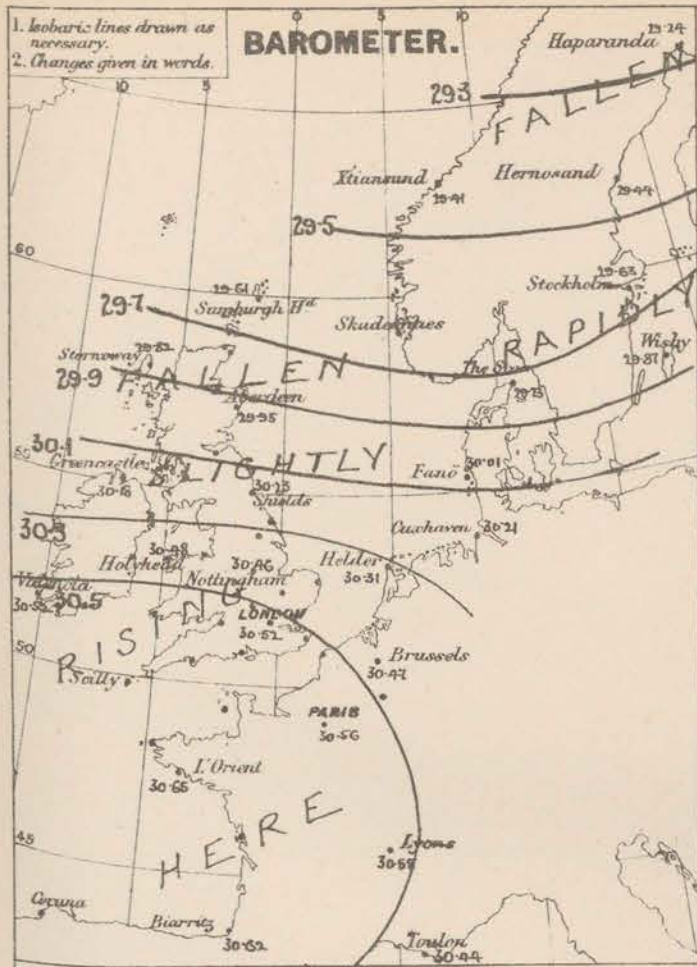
WEATHER.—Beaufort scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

† The evening observations are taken at 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 sea, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Tuesday 5. MARCH. 1878.*



REMARKS. Weather is now very fine over England, but cloudy in Ireland and Scotland, with squalls of rain and hail at Sturmeray and Cadzow. On the Eth shore of the North Sea the sky is cloudy and rain is falling at Tarris and Cuckhaven. Rain fell in the W and N yesterday, amounting to 0.9 in. at T. Havens, 0.5 in. at Greenock, and Shields, and 0.4 in. at Ardrossan, and 0.2 in. at Valentin. Aurora was seen at Sturmeray last evening and lightning at Wick. Temperatures has decreased considerably over the United Kingdom, especially in Scotland, where it has fallen from 10° to 15°. It now varies from 38° at the Nth Scotch stations to 44° in London and 48° at Valentin. Wind is generally W. over our Islands, and blows fresh in the N. At the mouth of the Tyne there is a slight gale from WNW. In the W a moderate gale from SW to W over the Irish Sea yesterday, or in the night, and a strong gale in squalls at Shields early this morning. Sea is rough in the far N. moderate or slight elsewhere. Barometrical Observations. A very extensive depression has advanced over Scandinavia during the past 24 hours causing the barometer to fall rapidly. Rather steep gradients for Wth winds have been formed over our Islands. The barometer is at present rising on our NW. coasts, but is apparently falling again at Valentin.

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.
Secretary.

DAILY WEATHER REPORT

MARCH 6TH 1878.

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 13).		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 13).			Max.	Min.		
Haparanda ...	29.06	25	SW	2	b	28.95	-.29	17	16	-.16	SW	2	b	*	36	11.1	-	
Hernösand ...	29.28	34	SW	2	b	29.08	-.36	30	28	-.7	NW	2	b	*	*	*	0.04	
Stockholm ...	29.44	36	SSW	6	b	29.25	-.38	36	35	-.3	SW	2	b	*	*	*	0.08	
Wishby ...	29.73	39	W	8	b	29.43	-.44	37	36	-.3	WSW	6	c	*	*	*	-	
Christiansund ...	29.24	38	WSW	6	bc	29.02	-.39	35	35	-.4	W	7	rs	5	?	30	0.57	
Skudesnaes ...	29.63	41	W	8	c	29.17	-.56	40	39	-.1	SW	6	r	5	43	?	0.24	
Oxö (Kristiansund) ...	29.72	41	SW	7	o	29.38	-.29	40	39	-.2	SW	5	r	4	?	37	-	
Skagen (The Sound) ...	29.74	41	W	8	b	29.44	-.49	41	39	-.1	NW	6	o	5	43	37	0.04	
Fanø ...	30.01	42	W	6	o	29.60	-.41	42	41	0	WSW	6	r	*	45	41	0.16	
Cuxhaven ...	29.98	44	W	5	o	29.82	-.39	45	45	0	WSW	6	r	*	46	41	0.04	
Sumburgh Head ...	29.58	41	NW	8	bc	29.02	-.39	47	46	+.7	NW	6	r	6	47	37	0.59	
Stornoway ...	29.55	43	NW	5	gpc	29.35	-.47	46	46	+.7	NW	8	r	6	49	38	0.69	
Thurso ...	29.76	43	W	5	c	29.22	-.57	47	46	+.10	SW	6	g/p	5	49	36	0.59	
Wick ...	29.77	43	NW	5	c	29.20	-.62	47	46	+.9	NW	4	o	3	49	35	0.19	
Nairn ...	29.89	44	NW	2	c	29.38	-.53	47	46	+.9	W	4	r	3	49	38	0.27	
Aberdeen ...	29.86	50	WSW	4	c	29.34	-.61	48	45	+.9	W	4	b	1	52	39	-	
Leith ...	29.96	48	W	6	o	29.52	-.55	50	48	+.8	W	7	bc	*	51	41	0.04	
Shields ...	30.10	49	W	2	c	29.62	-.66	51	48	+.8	W	9	bc	2	52	39	-	
Scarborough ...	30.16	46	WSW	3	m	29.74	-.55	51	48	+.8	W	4	c	3	52	43	-	
York ...	30.21	47	SW	5	o	29.81	-.54	51	48	+.9	W	7	o	*	52	40	0.01	
Nottingham ...	30.31	48	SSW	6	r	29.94	-.52	51	48	+.11	WSW	7	bc	*	55	40	-	
Ardrossan ...	30.02	49	W	5	c	29.68	-.48	52	48	+.8	NW	9	g/p	5	53	42	0.18	
Greencastle ...	30.09	50	WSW	4	o	29.79	-.59	51	48	+.8	W	10	o	*	52	42	0.17	
Donaghadee ...	30.12	48	W	3	bc	29.81	-.47	51	49	+.10	W	8	c	6	51	40	0.01	
Kingstown ...	30.24	51	NW	6	bc	30.08	-.39	51	49	+.6	NW	7	od	5	53	44	0.01	
Holyhead ...	30.25	48	WSW	5	o	30.05	-.43	49	49	+.5	WSW	5	m	4	51	43	0.02	
Liverpool (Bidston) ...	30.22	48	SW	4	o	29.94	-.47	50	48	+.6	WSW	8	o	4	52	42	-	
Valencia ...	30.51	52	W	5	mg	30.36	-.16	51	50	+.3	W	7	od	6	53	47	0.17	
Roche's Point ...	30.45	47	W	4	c	30.31	-.24	52	50	+.7	W	5	c	4	52	42	0.18	
Pembroke ...	30.39	48	WSW	7	r	30.22	-.34	49	48	+.2	W	7	c	5	49	46	0.05	
Portishead ...	30.47	45	S	6	r	30.23	-.33	49	47	+.6	SSW	7	og	6	51	40	0.06	
Seilly ...	30.47	45	S	6	r	30.23	-.33	49	47	+.6	SSW	7	og	6	51	40	0.06	
Plymouth ...	30.55	48	SW	4	o	30.36	-.27	50	48	+.9	W	5	o	*	54	41	0.02	
Hurst Castle ...	30.50	49	W	5	c	30.25	-.32	50	47	+.6	W	5	og	5	53	42	-	
Dover ...	30.49	47	W	5	b	30.16	-.34	48	47	+.3	WSW	4	od	3	49	44	-	
London ...	30.47	50	W	4	c	30.15	-.37	51	48	-.7	W	6	og	*	54	44	-	
Oxford ...	30.47	50	W	4	c	30.15	-.37	51	48	-.7	W	4	o	*	53	40	-	
Cambridge ...	30.38	48	SW	3	c	30.05	-.42	52	48	+.12	SW	4	o	*	55	39	-	
Yarmouth ...	30.36	48	W	4	b	29.97	-.44	51	48	+.9	W	6	og	3	51	40	-	
The Helder ...	30.36	48	W	4	b	29.97	-.44	51	48	+.9	W	4	r	*	*	*	-	
Cape Gris Nez ...	30.50	46	SW	4	o	30.18	-.33	48	48	+.2	W	6	g	5	50	45	-	
Jersey ...	30.50	46	SW	4	o	30.18	-.33	48	48	+.2	W	6	g	5	50	45	-	
Brest ...	30.74	?	NW	4	bc	30.58	-.10	50	48	+.4	NW	3	o	4	52	45	0.04	
L'Orient ...	30.70	48	NW	4	b	30.57	-.08	50	48	+.4	NW	4	m	4	55	43	-	
Rochefort ...	?	52	NW	3	o	?	?	48	46	+.5	NW	5	f	3	64	37	-	
Biarritz ...	30.67	54	NW	4	o	30.70	+.08	48	46	-.4	ENE	bc	4	54	45	-		
Corunna ...	30.67	54	NW	4	o	30.70	+.08	48	46	-.4	ENE	bc	4	54	45	-		
Brussels ...	30.67	54	NW	4	o	30.70	+.08	48	46	-.4	ENE	bc	4	54	45	-		
Charleville ...	30.67	54	NW	4	o	30.70	+.08	48	46	-.4	ENE	bc	4	54	45	-		
Paris ...	30.58	48	NW	2	b	30.38	-.18	45	44	-.1	WSW	2	o	*	*	*	-	
Lyons ...	30.58	48	NW	2	b	30.38	-.18	45	44	-.1	WSW	2	o	*	*	*	-	
Toulon ...	30.31	50	NW	3	m	?	?	46	44	-.8	NW	5	m	5	61	46	-	

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.71	43	40	SW	6	c/f	5	Valencia	30.45	53	52	W	7	ogd	6
Thurso	29.75	46	43	WSW	5	op	5	Scilly							
Scarborough ...	30.24	48	45	WSW	4	c	3	London	30.52	53	45	WNW	3	bc	*
Greencastle ...	30.35	47	45	WSW	3	r	*	Rochefort ...	30.50	52	48	NE	5	o	3
Holyhead	30.24	48	47	SW	6	c	5								

The barometer has begun to fall again - most in the NW. A slight NW gale has set in at Valencia, which threatened to increase in force and to extend to most other coasts and, near northwards. Hazy, much to all but over S. and SE coasts.

EXPLANATION OF COLUMNS.

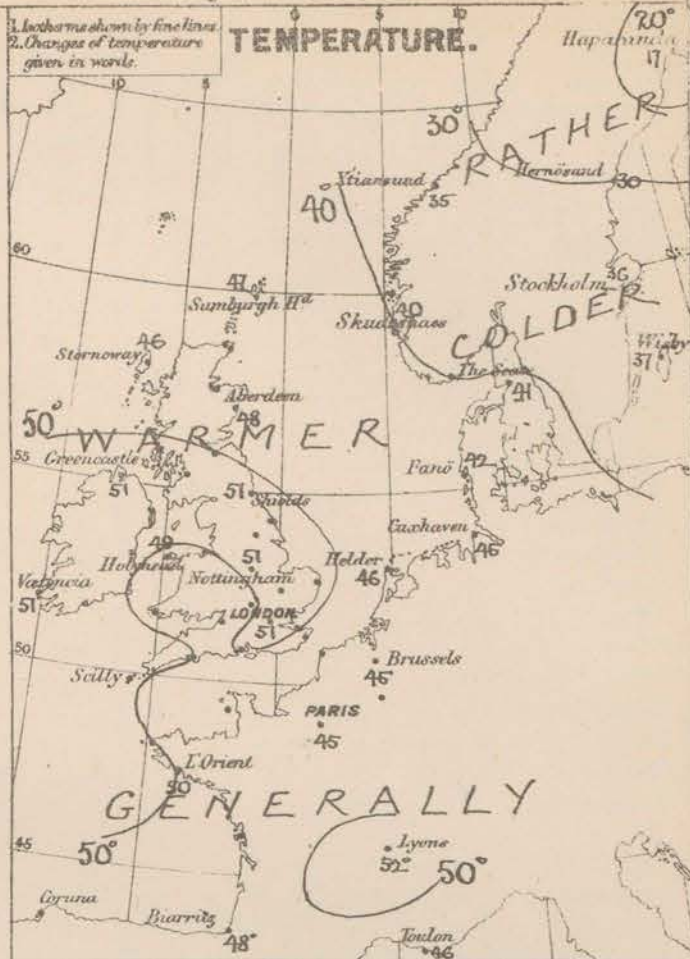
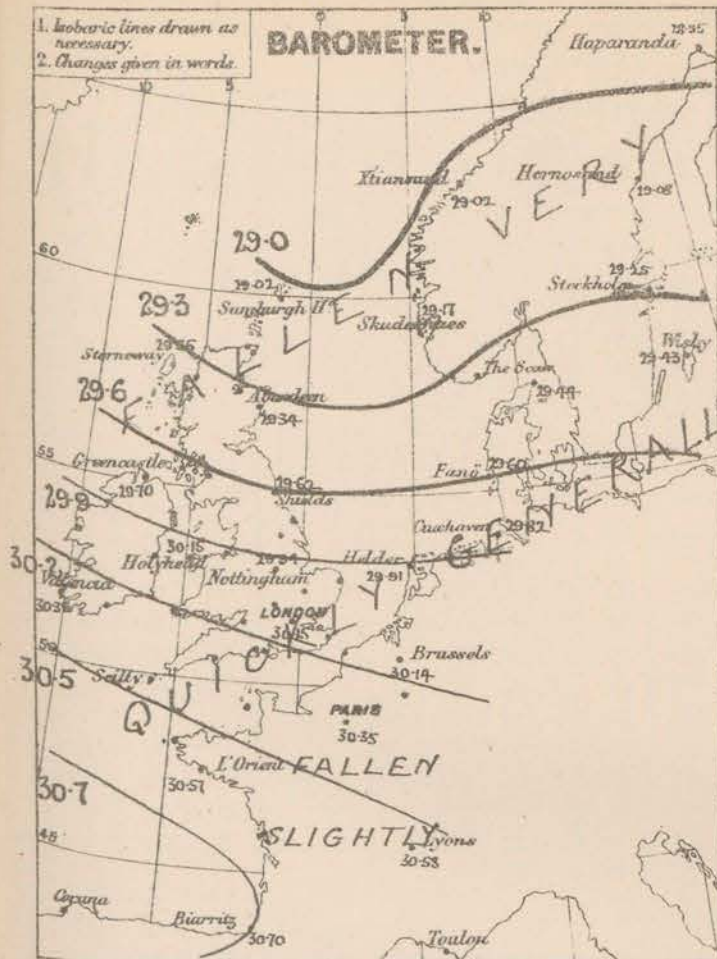
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

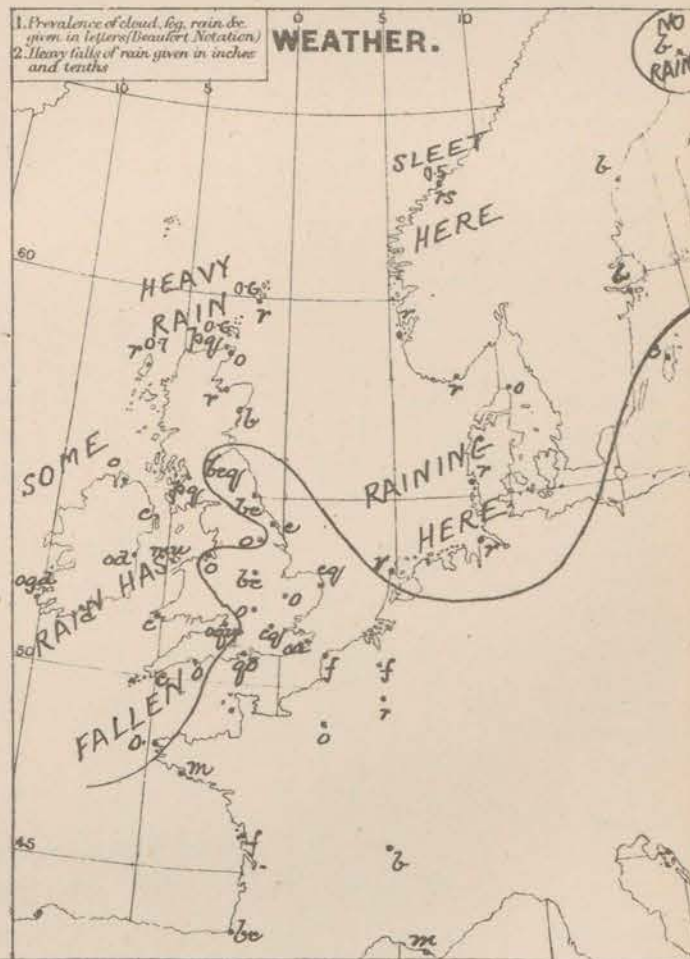
† The evening observations are taken at 8 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Wednesday 6 March 1876



Bobblehead is shown nando all our events as the signals are still up.



REMARKS. Weather is overcast and equally so all parts of our Islands - especially in the W and NW, where rain is falling generally, while in the S there is none at present. More than half an inch of rain has fallen in the N. of Scotland, but in the W and over England the falls reported are less than two tenths. Temperature has risen very generally and briskly, and is high for the time of year. The readings this morning are very uniform, varying only from 47° in the N. of Scotland to 50° and 52° over England and Ireland. On the E. shores of the North Sea the thermometer varies from 35° to 40° , while at Haparanda it stands at 17° F. Wind is now NW on our NW. coasts, W on England and the E. of Scotland, and NW on the E. shores of the North Sea. In force it varies from a hard gale on our NW and NE. coasts to a strong squally breeze in other places. In the Channel, however, the wind is moderate. A heavy N. gale has been blowing in the N. of Ireland all night. Sea is rough in the North W, rather so in the Channel but smooth along our E. coast. The wind being off the land. Barometrical indication. A very extensive and deep depression has advanced over our N. latitudes during the night, and its centre now lies near the Shetland Isles. Steep gradients for W to NW winds prevail all over the United Kingdom. The depression is apparently moving E^{ward}, but the barometer still falls in our Islands, as though the disturbance is becoming still more extensive. Harbour lights look out for a W. gale, owing N^{or} were sent to all our 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.
Secretary.

Secretary

DAILY WEATHER REPORT

MARCH 7th 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 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 ...	28.74	29	S	2	s	28.81	-.14	22	22	+ .5	Z	0	f	*	17	15	0.24	
Hernösand ...	28.82	32	NW	2	c	28.91	-.17	28	24	- 2	NNW	2	bc	*	*	*	-	
Stockholm ...	28.87	35	Z	0	bc	28.79	-.46	29	29	- 7	NNE	8	s	*	*	*	0.28	
Wisby ...	28.95	38	N	6	o	28.69	-.74	34	33	- 3	NNW	9	r	*	*	*	0.20	
Christiansund ...	29.08	25	NNW	8	s	29.28	+ .26	33	31	- 2	NN	5	c	6	?	23	-	
Skudesnaes ...	29.26	35	NN	8	o	29.57	+ .34	34	33	- 6	NN	6	s	4	41	?	-	
Oxö (Klansand) ...	28.96	44	NNW	6	c	29.36	-.02	39	34	- 1	NN	7	bc	4	45	34	-	
Skagen (The Sæw) ...	29.92	41	NNW	5	r	29.25	-.19	39	35	- 2	N	6	bc	6	43	34	0.12	
Fanö ...	29.19	43	NN	8	c	29.52	-.08	40	37	- 2	NN	8	bc	*	45	37	-	
Cuxhaven ...	29.36	?	N	10	r	29.61	-.21	41	38	- 4	NN	10	a	*	46	39	0.21	
Sumburgh Head ...	29.52	35	N	7	o	29.57	+ .49	38	36	- 9	WSW	4	r	4	47	33	0.02	
Stornoway ...	29.87	40	NNW	6	bc	29.60	+ .25	48	47	+ 2	N	7	og	6	49	37	0.18	
Thurso ...	29.70	39	NNW	5	c	29.57	+ .29	39	38	- 8	S	2	r	3	50	37	0.24	
Wick ...	29.67	38	N	3	bc	29.52	+ .32	40	39	- 7	SSW	3	r	3	49	36	0.12	
Nairn ...	29.75	41	N	5	c	29.66	+ .28	42	40	- 5	N	3	o	2	50	39	0.20	
Aberdeen ...	29.66	44	NNW	6	bc	29.70	+ .36	39	37	- 9	SSW	2	r	1	53	36	0.09	
Leith ...	29.68	49	NNW	5	bc	29.75	+ .23	45	44	- 5	WSW	4	o	*	55	40	-	
Shields ...	29.70	51	NN	4	bc	29.88	+ .26	43	41	- 8	SW	2	o	2	54	39	0.14	
Scarborough ...	29.69	50	NN	6	bc	29.92	+ .18	43	41	- 8	WSW	1	o	3	55	41	0.01	
York ...	29.76	51	N	4	c	29.98	+ .17	45	44	- 6	N	2	o	*	56	40	-	
Nottingham ...	29.88	57	NNW	7	o	30.03	+ .09	47	45	- 4	WSW	3	o	*	58	46	-	
Ardrossan ...	29.78	49	NNW	6	bc	29.86	+ .18	50	48	- 2	NNW	6	r	4	53	44	0.15	
Greencastle ...	29.96	48	NNW	6	o	29.96	+ .17	51	50	0	N	6	og	*	52	45	0.10	
Donaghadee ...	29.93	50	N	7	c	29.98	+ .17	50	50	- 1	NNW	6	o	5	52	44	-	
Kingstown ...	30.01	57	NN	1	c	30.13	+ .05	52	50	+ 1	NNW	6	o	5	55	48	0.01	
Holyhead ...	30.03	49	NNW	6	o	30.10	+ .05	50	50	+ 1	WSW	4	m	4	53	46	0.01	
Liverpool (Bidston) ...	29.93	48	N	6	o	30.01	+ .07	48	48	- 2	N	5	o	4	57	43	0.02	
Valencia ...	30.38	52	NN	5	o	30.41	+ .05	52	49	+ 1	NNW	5	cmg	5	54	50	0.01	
Roche's Point... ..	30.25	50	NN	7	c	30.33	+ .02	53	50	+ 1	NNW	3	bc	3	55	44	-	
Pembroke ...	30.11	50	NNW	6	c	30.21	-.01	50	49	+ 1	NNW	4	o	4	57	48	-	
Portishead ...	30.04	49	NNW	6	c	30.17	-.06	48	47	- 1	WSW	3	c	4	52	45	-	
Scilly ...	30.18	53	NN	5	o	30.27	-.09	52	50	+ 2	NN	2	o	*	55	48	-	
Plymouth ...	30.05	54	NN	6	o	30.18	-.07	48	46	- 2	NN	4	bc	4	55	43	-	
Dover ...	29.93	52	NNW	5	o	30.10	-.06	49	45	+ 1	NNW	3	bc	3	54	43	-	
London ...	29.94	55	NN	6	og	30.11	-.04	47	44	- 4	N	2	c	*	56	47	-	
Oxford ...	30.12	51	NN	4	o	30.12	-.01	46	43	- 3	N	2	o	*	56	44	-	
Cambridge ...	29.89	52	NNW	4	o	30.06	+ .01	47	44	- 5	NNW	2	c	*	56	45	-	
Yarmouth ...	29.74	50	NN	6	bc	30.00	+ .03	42	41	- 9	NNW	2	cm	3	56	40	0.01	
The Helder ...	30.00	51	NN	5	o	29.90	-.01	42	39	- 3	NNW	3	o	*	*	*	0.12	
Cape Gris Nez ...	29.93	48	N	8	o	30.11	-.07	46	45	- 2	NN	4	o	3	50	45	-	
Jersey ...	30.41	?	NN	4	bc	30.41	-.17	50	48	0	NN	3	m	4	52	48	-	
Brest ...	30.41	50	NN	5	m	30.40	-.17	50	48	0	NN	3	m	3	52	46	-	
L'Orient ...	?	50	NNW	5	m	?	?	50	48	+ 2	NN	4	o	3	59	37	0.04	
Rocheport ...	30.60	50	N	4	o	30.48	-.22	52	50	+ 4	N	5	r	4	55	46	0.08	
Biarritz ...	30.60	50	N	4	o	30.48	-.22	52	50	+ 4	N	5	r	4	55	46	0.08	
Corunna ...	30.14	49	N	4	r	30.18	-.20	49	48	+ 4	NN	4	bc	*	*	*	-	
Brussels ...	30.04	51	NN	5	m	30.25	-.23	54	51	+ 2	? S	2	bc	*	*	*	-	
Charleville ...	29.99	?	NN	5	m	29.99	?	50	48	+ 4	NN	7	o	6	64	48	-	
Paris ...	30.14	49	N	4	r	30.18	-.20	49	48	+ 4	NN	4	bc	*	*	*	-	
Lyons ...	30.25	54	NN	5	m	30.25	-.23	54	51	+ 2	? S	2	bc	*	*	*	-	
Toulon ...	30.13	54	NN	5	m	29.99	?	50	48	+ 4	NN	7	o	6	64	48	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudeenaes ...	29.03	41	39	NW	9	0	5	Valencia	30.35	53	51	NNN	6	og	6
Thurso	29.43	42	41	SW	6	pg	5	Scilly							
Scarborough ...	29.61	52	48	NNN	8	pg	5	London	29.91	55	51	N	6	og	*
Greencastle ...	29.85	50	46	N	8	0	*	Rocheport ...	30.3	50	50	NN	6	0	4
Holyhead	? 29.99	57	57	N	5	0	4								

The barometer has begun to rise a little in the N. of Ireland but has fallen elsewhere - most in the SE. The NW³ gale has extended to the E. of Scotland and to the Yorkshire coast during the morning but the wind is subsiding a little in the N. of Ireland.

EXPLANATION OF COLUMNS.

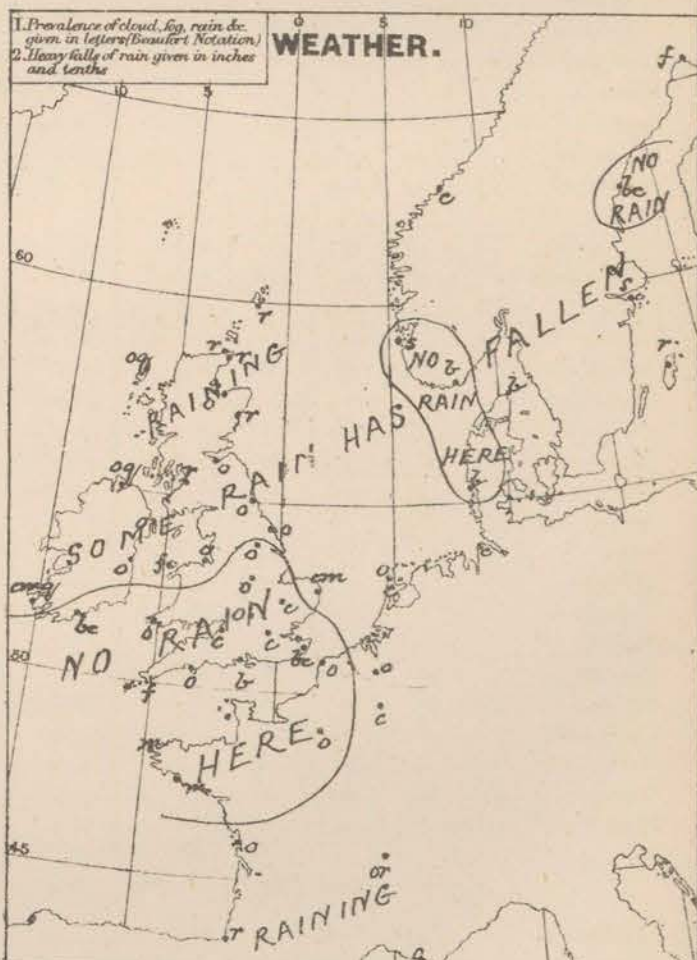
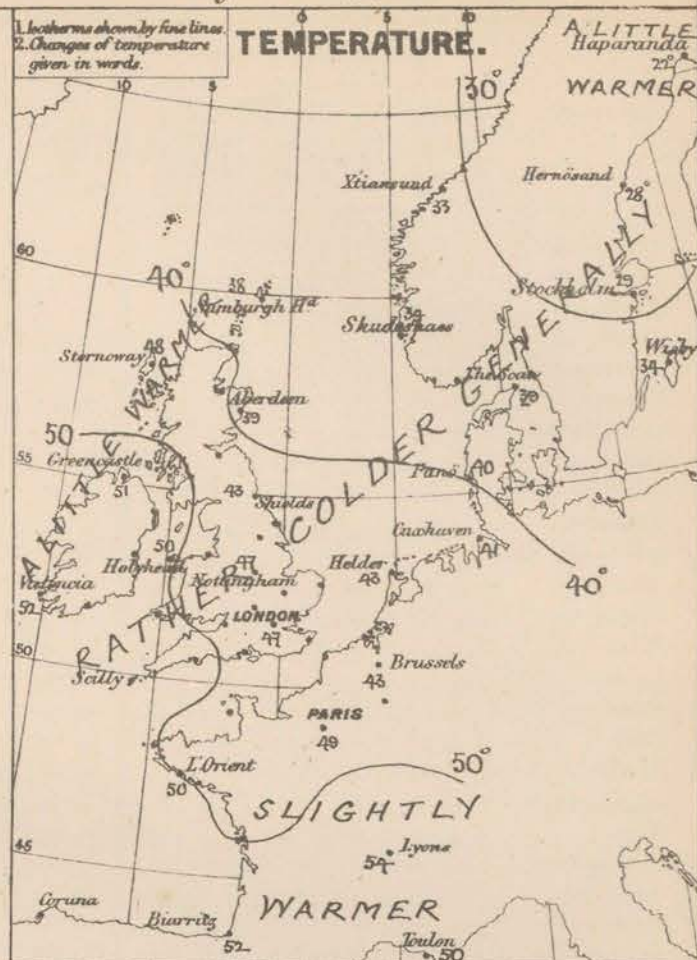
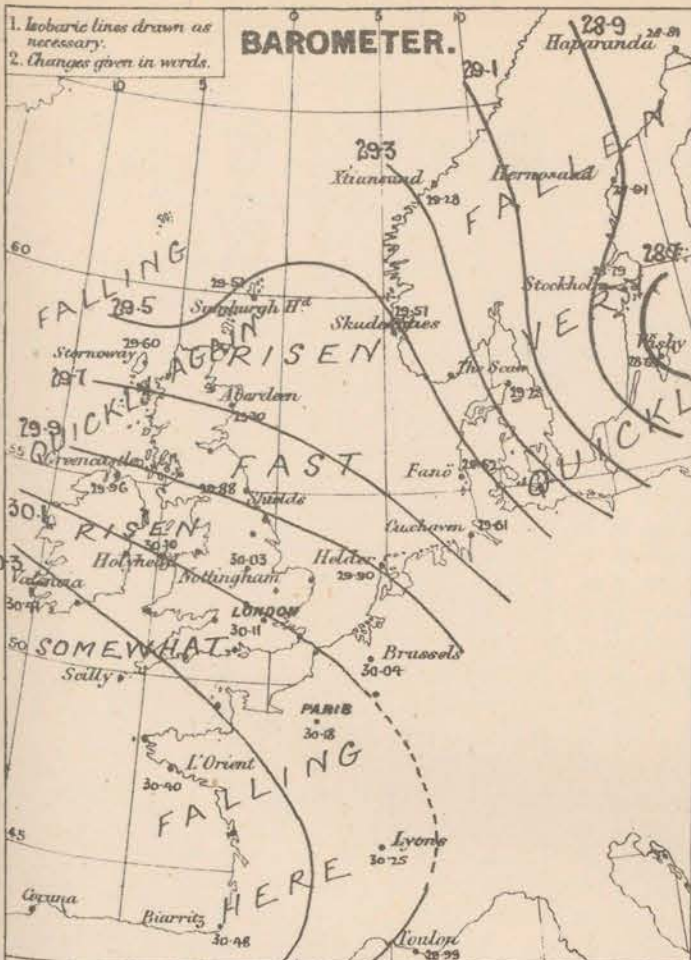
WEATHER.--Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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.

WEATHER CHARTS for 8 a.m. on Thursday 7th MARCH 1878.



REMARKS. Weather over the United Kingdom is fair in most places, but rather cloudy. In the N and W of Scotland, however, it is again equally and wet, and snow is reported at Skudenes, while in Denmark the sky is clear. Some rain fell in the N and NW yesterday, but the amount was small. Temperature has risen a little at Stornoway, fallen at our other stations, and varies from 39° in the NE of Scotland to 43° on our E. coast, and to 53° in the S. of Ireland. In the Gulf of Bothnia it varies from 22 to 26° F. Wind blows a severe gale from NW in Holstein, and a strong breeze from the same quarter in Denmark and the S of Norway. In our Islands it is NW to W, and has moderated in most places, but in the W of Scotland it is again increasing from W. Sea is high near the mouth of the Elbe, rough in the Skager Rack, and off our N coast, moderate in the Channel, and slight in the Bay of Biscay. Barometrical Indications. The deep depression noticed in Scotland yesterday is now over the Baltic. The barometer rose briskly in the N yesterday, and less elsewhere, but has again begun to fall fast in Scotland during the night. A new depression is advancing quickly from the NW, and threatens to pass over the North Sea during the day. Forecast. A speedy renewal of strong NW gales is suspected. Harbours. The N. cone is still flying on all coasts.

DAILY WEATHER REPORT

MARCH 8th 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 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 ...																		
Hernösand ...																		
Stockholm ...																		
Wisby ...																		
Christiansund ...	29.04	28	ESE	3	7	29.13	- .15	32	28	- 3	NN	3	5	4	?	21	0.28	
Skudesnaes ...	28.76	40	SW	7	r	29.23	- .28	34	31	0	NNN	8	5	4	40	33	-	
Oxö (Klansand) ...	29.03	34	S	4	s	29.11	- .25	31	29	- 8	N	4	5	3	41	25	0.28	
Skagen (The Sæw) ...	29.05	36	NW	3	o	28.95	- .20	33	31	- 6	ENE	4	0	4	41	28	0.20	
Fanö ...	29.07	42	NW	8	r	28.92	- .40	39	37	- 1	NN	6	0	*	43	36	0.35	
Cuxhaven ...	29.52	39	N	6	r	29.05	- .35	41	39	0	NW	11	r	*	42	37	0.13	
Sumburgh Head ...	28.96	20	NN	9	o	29.57	+ .06	32	32	- 6	NNE	6	5	5	26	31	0.32	
Stornoway ...	29.64	39	NNN	10	g p r	29.88	+ .28	34	33	- 14	NN	6	sq p	6	49	33	0.36	
Thurso ...	29.32	40	NNN	8	5	29.77	+ .26	37	33	- 2	NNN	7	o	6	?	?	0.27	
Wick ...	29.28	41	NW	7	5	29.74	+ .22	35	32	- 5	NW	7	5	5	49	52	0.11	
Nairn ...	29.47	42	NW	8	o	29.80	+ .14	34	32	- 8	NN	7	o	4	50	36	0.07	
Aberdeen ...	29.38	46	NN	6	5	29.75	+ .05	34	33	- 5	NNN	5	5	3	55	34	0.14	
Leith ...	29.57	50	NN	7	5	29.84	+ .09	38	36	- 7	NNN	3	5	*	57	36	-	
Shields ...	29.57	52	NN	8	o	29.82	- .05	38	34	- 5	NNN	4	5	3	53	35	-	
Scarborough ...	29.62	52	NN	8	o	29.82	- .10	42	37	- 1	NNN	6	5	5	55	39	-	
York ...	29.71	57	N	7	o	29.89	- .09	40	37	- 5	NN	5	5	*	55	38	-	
Nottingham ...	29.84	53	NNN	7	o	29.97	- .06	42	38	- 5	NN	5	5	*	56	40	-	
Ardrossan ...	29.67	48	NNN	9	r	29.92	+ .06	39	37	- 11	NNN	7	5	5	52	35	0.09	
Greencastle ...	29.80	48	N	6	7	30.07	+ .11	41	39	- 10	NNN	3	o	*	52	39	0.11	
Donaghadee ...	29.84	57	NW	6	o	30.04	+ .06	42	41	- 8	NNN	6	5	5	53	40	0.04	
Kingstown ...	29.95	54	NNN	6	o	30.13	.00	43	40	- 9	NNN	6	5	5	56	43	-	
Holyhead ...	29.96	57	NNN	6	o	30.10	.00	45	45	- 5	NN	6	5	5	54	46	0.02	
Liverpool (Bidston) ...	29.85	50	N	5	d	30.02	+ .01	42	40	- 6	NNN	5	5	4	53	41	0.04	
Valencia ...	30.33	57	NNN	5	5	30.33	- .08	49	48	- 3	NN	3	5	3	?	48	0.02	
Roche's Point ...	30.21	57	NN	6	5	30.29	- .04	49	46	- 4	NNN	4	5	3	55	47	-	
Pembroke ...	30.12	57	N	6	5	30.18	- .02	46	43	- 4	NN	5	5	3	52	45	-	
Portishead ...	30.08	49	N	6	5	30.08	- .09	46	41	- 2	NNN	6	5	6	53	42	-	
Seilly ...																		
Plymouth ...	30.19	52	NN	4	o	30.18	- .09	47	44	- 5	NNN	5	5	*	60	47	-	
Hurst Castle ...	30.05	45	NN	5	5	30.10	- .08	47	44	- 1	NN	4	5	4	55	44	-	
Dover ...	29.91	53	N	4	o	29.93	- .17	44	39	- 5	NNN	5	5	3	-	43	-	
London ...	29.94	56	NNN	5	5	30.00	- .11	45	39	- 2	NN	4	5	*	57	44	-	
Oxford ...	*	*	*	*	*	30.03	- .09	44	39	- 2	N	4	5	*	56	43	-	
Cambridge ...	29.85	53	N	3	o	29.94	- .12	42	39	- 5	NN	3	5	*	56	40	-	
Yarmouth ...	29.74	52	NNN	6	5	29.81	- .19	42	38	0	NN	6	5	5	53	39	0.01	
The Helder ...	*	*	*	*	*	29.57	- .33	42	39	0	NNN	9	5	*	*	*	0.12	
Cape Gris Nez ...	29.94	48	N	5	o	29.97	- .14	45	39	- 1	NN	5	5	5	50	43	-	
Jersey ...																		
Brest ...	30.39	?	NNN	4	m	30.32	- .09	48	48	- 2	NNN	4	m	4	54	46	-	
L'Orient ...	30.35	?	NNN	?	?	30.31	- .09	48	48	- 2	NNN	4	m	4	54	?	-	
Rocheport ...	?	54	NN	5	m	?	?	50	48	0	NN	6	5	4	59	39	-	
Biarritz ...	30.42	54	NNN	4	o	30.41	- .07	50	48	- 2	NNN	3	o	4	54	46	0.08	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.82	- .22	43	38	0	NNN	5	5	*	57	42	0.12	
Charleville ...	*	*	*	*	*	29.82	?	43	*	- 3	N	6	5	*	*	*	*	
Paris ...	30.10	50	NN	4	o	30.02	- .16	47	47	+ 2	NN	5	o	*	*	*	0.04	
Lyons ...	*	*	*	*	*	30.16	- .09	52	*	- 2	NN	4	o	*	*	*	*	
Toulon ...	29.89	54	NN	10	c	29.87	- .12	54	45	+ 4	NN	10	5	8	?	46	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.16	36	35	S	6	57	Valencia ...	30.37	53	50	NNN	5	5
Thurso ...	29.33	46	44	N	6	0	Seilly ...						
Scarborough ...	29.69	55	50	NN	6	0	London ...	29.98	57	53	N	5	5
Greencastle ...	29.89	52	49	N	6	0	Rocheport ...	30.23	50	50	NN	5	0
Holyhead ...	30.02	49	48	N	6	5							

The barometer has fallen nearly a quarter of an inch on our north-east coast since the morning. A strong N.W. gale set in at Ardrossan, and a moderate gale at Shields during the morning, while a strong breeze is blowing on our other N.W. and N.E. coasts.

EXPLANATION OF COLUMNS.

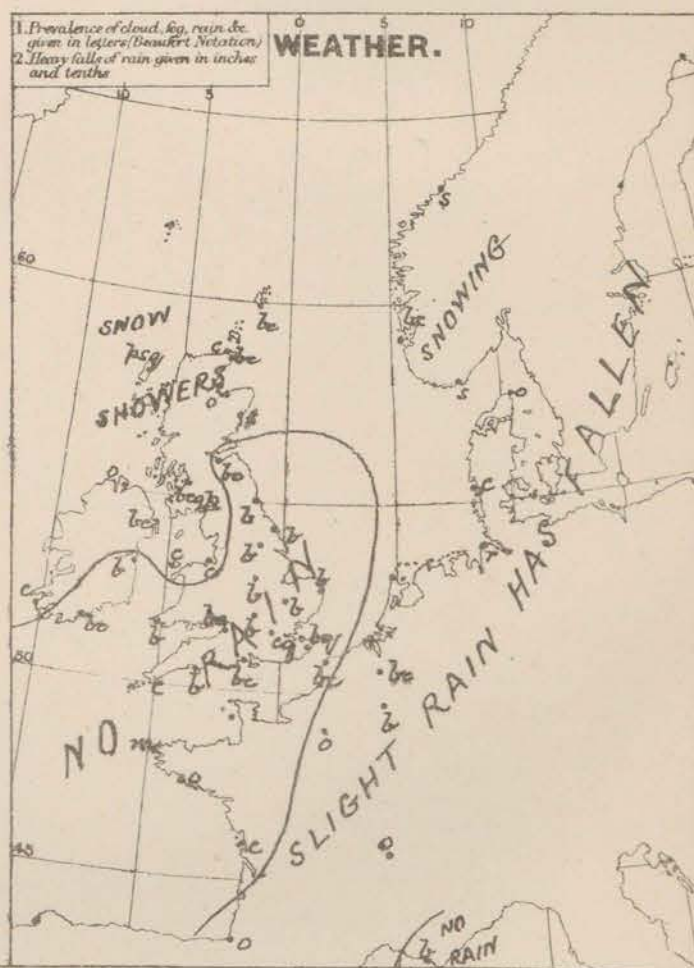
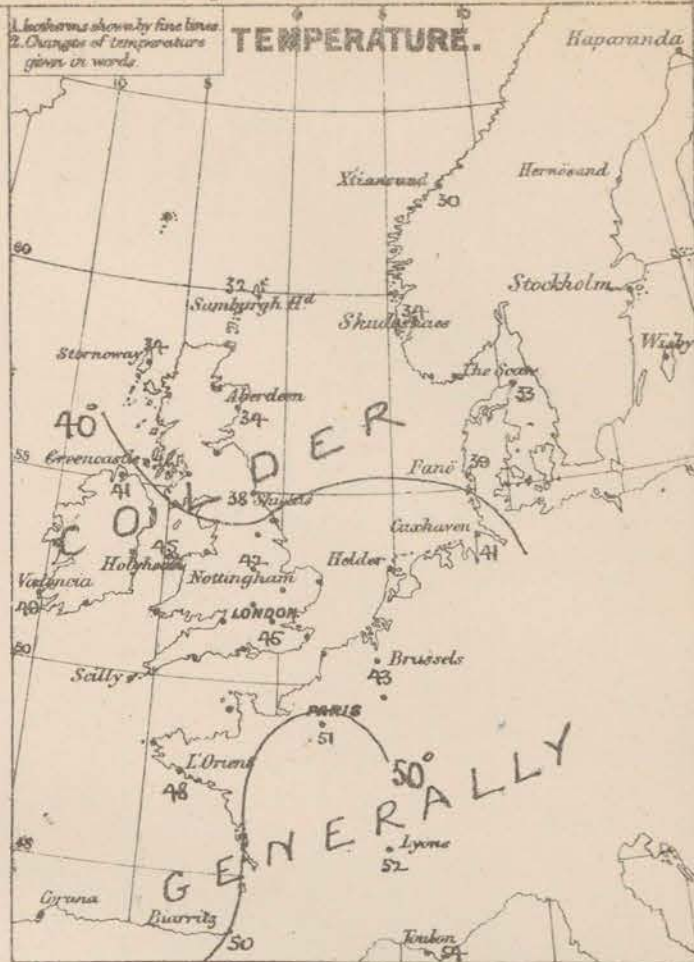
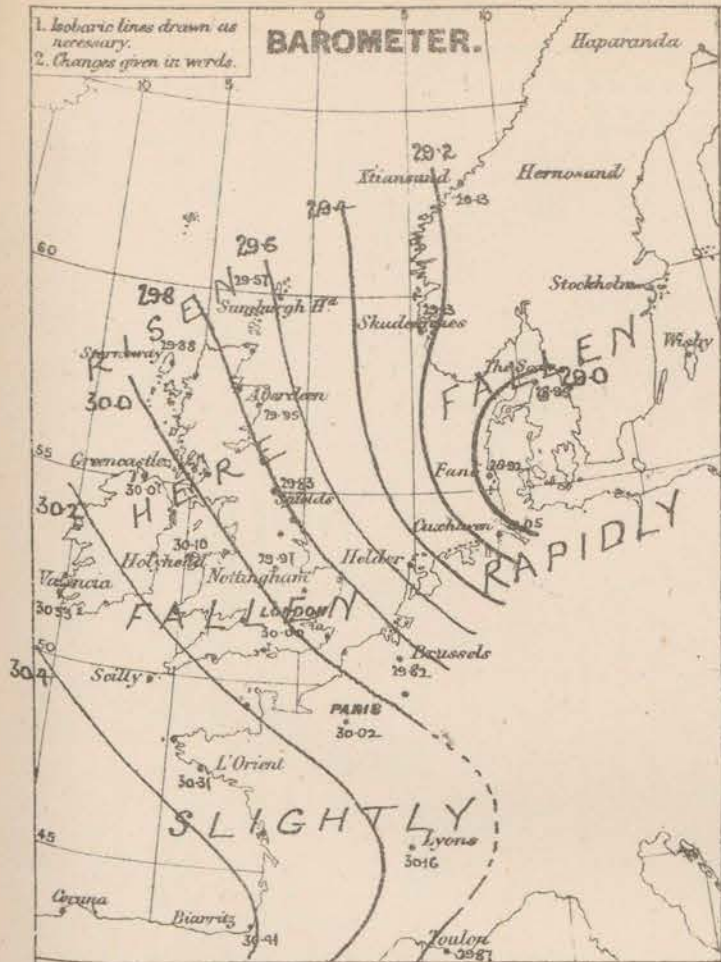
WEATHER.—Beaufort scale is, b. blue sky, c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 8 March, 1878



REMARKS. Weather is at present clear on our E. and S. coasts, and rather so in Ireland, but is cloudy in N. and equally generally. Snow is falling at two of the Norwegian stations. Showers of snow and hail fell in Scotland yesterday and slight rain on our NW coasts, but in the S. the weather was very dry. Temperature has decreased very generally, and now varies from 34° in the NE. of Scotland to 49° in the S. of Ireland, and to 50° in the SW. of France. Wind is now NW³ over our Islands and France, moderate at the W. stations, but strong in the E., N. and NW. In Norway and the Shetlands it is strong from N. or NNE, whereas in Holstein heavy NW⁴ gales are again reported. Very severe NW⁴ gales have been felt on our N. and E. coasts during yesterday and last night. Sea is very high on the E. shore of the North Sea, rough on most of our coasts, but slight in the far W. Barometrical Indications. The depression which was advancing in Scotland yesterday morning has reached Denmark and N. Germany, and is very deep. The gradient for NW winds over the S. half of the North Sea is 0.18 in. per 60 nautical miles. In the N. the barometer is now rising. Readings are still highest to the SW. of our Islands, the difference between those in Denmark, and those at Valentia and First being 1.4 in. Harbouring. The N. Cruise was ordered to be kept up on our E. and SE. coasts yesterday afternoon and was reharboured in the N. and W. last evening, but the Cruise has been ordered to the latter this morning.

The N. En was ordered to be kept up on an E. and SE. coast yesterday afternoon and was sighted
 on the N. and W. last evening, but the En has been blown on the latter this morning.

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

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

R. H. SCOTT.
Secretary

Secretary

DAILY WEATHER REPORT

MARCH 27 1878.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY						PAST 24 HOURS			
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 320 F. and Sea Level.	SHADE TEMP.			WIND.	Temp. (0 to 15).	Weather.	Sea. (0 to 1).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 15).			Dry.	Wet.	Difference from 8 a.m. yesterday.					Max.	Min.	
Haparanda	29.08	12	N	4	δ	29.25	+	30	11	N	6	o	*	23	5	-
Hernösand	29.18	25	NNW	4	δ	29.38	+	42	20	NN	4	δ	*	*	*	-
Stockholm	29.18	22	NNW	4	c	29.41	+	34	19	NN	4	δ	*	*	*	-
Visby	29.05	31	NNE	8	δc	29.39	+	34	29	N	8	δc	*	*	*	-
Christiansund	29.49	32	N	9	o	29.71	+	58	30	N	5	δc	6	32	23	0.03
Skudesnaes	29.61	30	NNN	7	5	29.88	+	65	32	NNN	4	cδ	2	34	30	-
Oxö (Christiansund)	29.45	34	NNN	4	δ	29.78	+	67	29	NNN	4	δ	2	37	27	-
Skagen (The Seaw)	29.41	36	N	5	δ	29.72	+	77	34	NNE	4	δ	3	37	30	-
Fanö	29.54	37	NNN	6	c	29.80	+	88	35	N	3	δ	*	39	34	-
Cuxhaven	29.80	40	NN	6	c	29.81	+	76	37	NNN	6	5	*	41	34	0.02
Sumburgh Head	29.90	29	NNE	7	δc	30.02	+	45	32	NNE	2	o	3	34	25	-
Stornoway	30.12	33	N	3	5p	30.02	+	44	36	SN	1	tw	4	36	29	0.16
Thurso	30.03	33	NN	6	c	30.09	+	32	32	SSN	2	o	4	41	31	0.16
Wick	29.98	32	NNN	5	δ	30.08	+	34	32	N	1	δ	1	48	28	-
Nairn	30.08	34	NN	4	c	30.12	+	32	30	Z	0	δ	1	39	29	0.01
Aberdeen	30.00	35	NNN	4	δc	30.12	+	37	30	NNN	1	c	2	38	30	0.05
Leith	30.05	37	NE	4	o	30.13	+	29	31	Z	0	cm	*	49	26	-
Shields	30.04	39	NNE	4	c	30.20	+	37	32	NNN	1	δm	5	45	28	-
Scarborough	30.01	39	NNN	4	o	30.18	+	36	34	NNN	1	o	3	46	33	0.01
York	30.01	44	N	4	δc	30.20	+	31	31	N	1	δ	*	48	28	-
Nottingham	30.09	43	NNN	4	o	30.25	+	28	33	Z	0	c	*	48	30	-
Ardrossan	30.09	42	NNN	3	c	30.14	+	22	34	E	1	om	1	45	32	-
Greencastle	30.16	44	N	3	o	30.08	+	01	41	SSE	2	o	*	48	39	0.01
Donaghadee	?	44	NNN	4	δc	30.16	+	12	42	SSE	2	o	1	47	39	0.01
Kingstown	30.21	47	NNN	4	c	30.17	+	04	44	S	3	om	2	48	43	0.01
Holyhead	30.16	45	NN	4	o	30.18	+	08	42	NN	2	o	1	49	41	0.01
Liverpool (Bidston)	30.12	42	NNN	4	o	30.19	+	17	37	E	1	m	1	46	36	0.02
Valencia	30.32	37	NNN	3	cm	30.16	+	17	49	NNN	4	o	3	55	45	0.02
Roche's Point	30.28	49	NN	3	c	30.19	+	10	49	N	2	c	3	52	49	-
Pembroke	30.24	47	NNN	2	δ	30.20	+	02	45	S	1	o	2	48	43	-
Portishead	30.23	46	NNN	5	δc	30.21	+	13	42	N	3	c	2	50	38	-
Scilly	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
Plymouth	30.25	47	NN	2	δ	30.23	+	05	43	NN	2	c	*	34	41	-
Hurst Castle	30.13	48	NNN	4	δc	30.23	+	13	42	NNE	1	c	2	52	40	-
Dover	30.07	46	NN	5	δ	30.22	+	29	38	NN	3	δ	2	49	37	-
London	30.11	47	NN	4	o	30.22	+	22	37	NNE	1	gm	*	49	36	-
Oxford	?	?	?	?	?	30.23	+	20	37	N	1	o	*	49	37	-
Cambridge	30.08	42	NNN	3	δc	30.24	+	30	33	NN	1	o	*	57	28	-
Yarmouth	29.99	40	NN	4	o	30.18	+	37	35	NN	3	omg	4	45	34	0.03
The Helder	?	?	?	?	?	30.06	+	49	38	NN	3	δc	*	*	*	0.12
Cape Gris Nez	29.06	46	NNN	5	c	30.19	+	22	39	NNN	4	c	3	48	37	-
Jersey	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
Brest	30.38	34	NNN	3	m	?	?	?	48	NN	2	o	3	54	45	-
L'Orient	30.30	50	NNN	5	δc	30.28	+	03	43	ENE	2	δ	3	55	39	-
Roche fort	?	32	NN	5	o	?	?	?	43	NNE	3	δ	3	57	?	-
Piarritz	30.08	34	NNN	3	o	30.29	+	12	50	Z	0	o	4	54	45	0.04
Corunna	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
Brussels	?	?	?	?	?	30.17	+	35	36	NN	2	δc	*	46	34	0.04
Charleville	?	?	?	?	?	30.12	+	31	36	NNN	3	c	*	*	*	*
Paris	30.14	47	NN	3	o	30.22	+	20	42	NN	3	c	*	*	*	-
Lyons	?	?	?	?	?	30.22	+	06	50	NN	4	c	*	*	*	*
Toulon	29.79	55	NN	11	δ	29.91	+	04	46	NN	8	δ	5	59	?	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.50	32	31	NN	7	5	4	Valencia	30.33	53	51	NNN	1	o	2
Thurso	29.92	35	33	NNN	7	δc	6	Scilly							
Scarborough	29.93	43	38	NNN	5	c	5	London	30.08	48	42	NN	4	o	*
Greencastle	30.11	45	43	NN	3	og	*	Roche fort	?	52	50	NN	5	o	3
Holyhead	30.15	47	46	NN	6	o	5								

Barometer is rising at all stations except Valencia, where it has begun to fall again since noon. Wind is NNW and strong generally.

EXPLANATION OF COLUMNS.

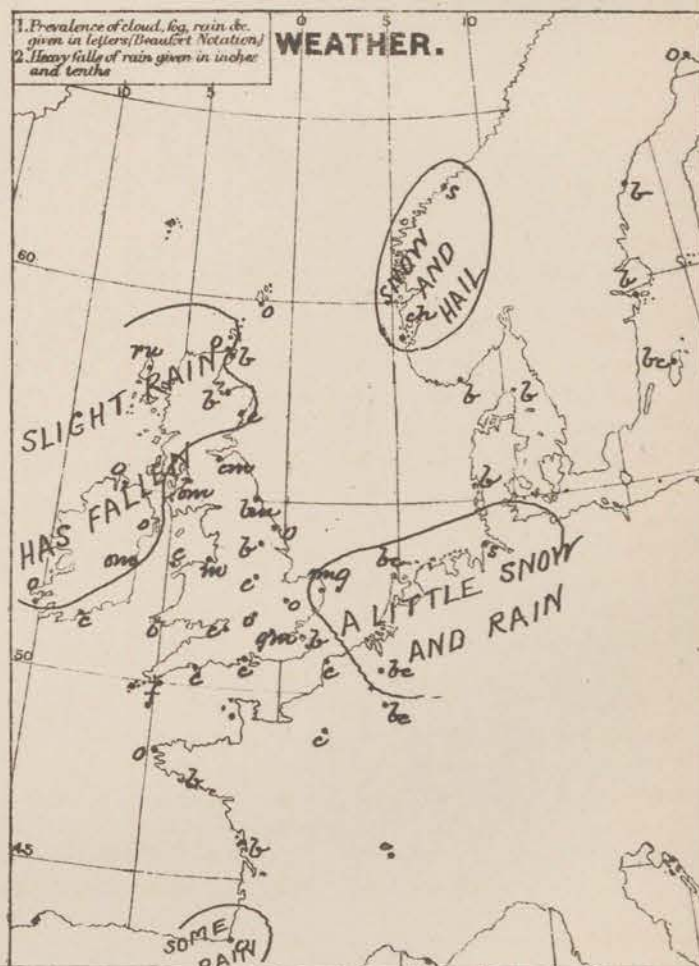
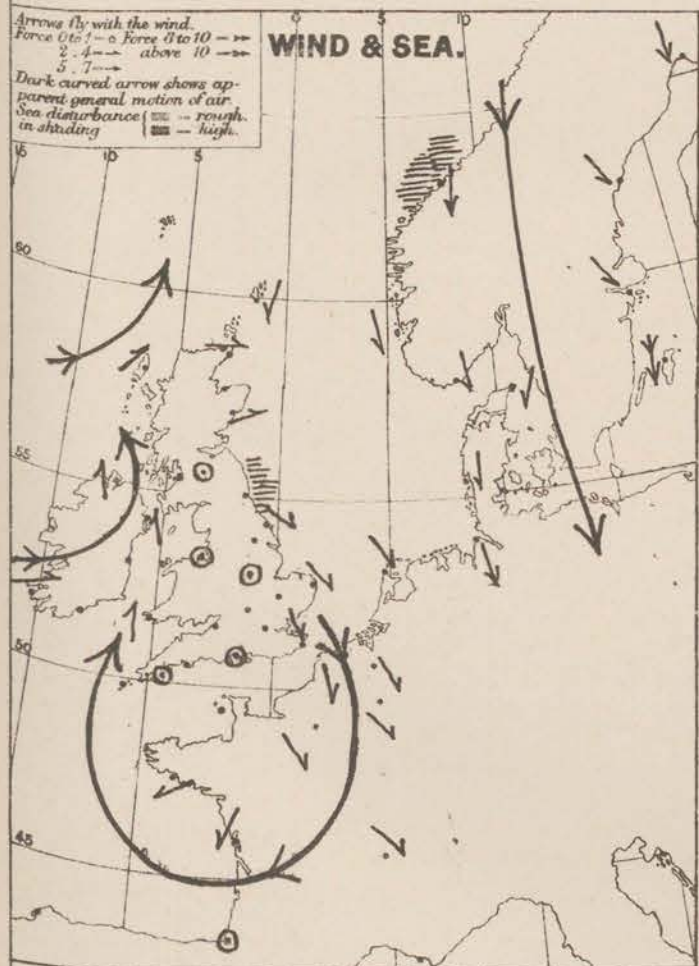
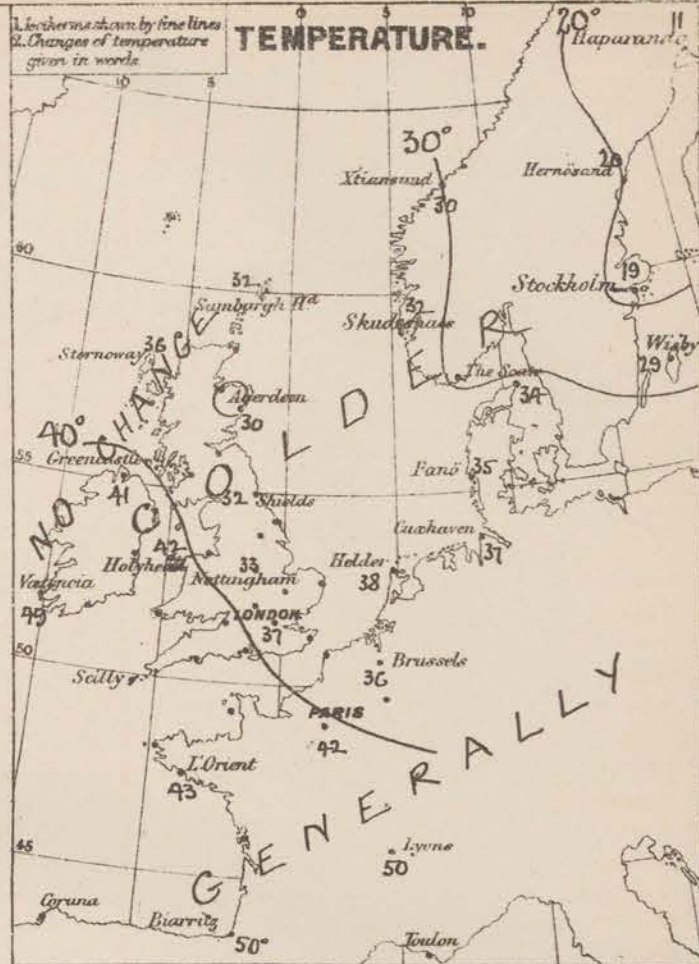
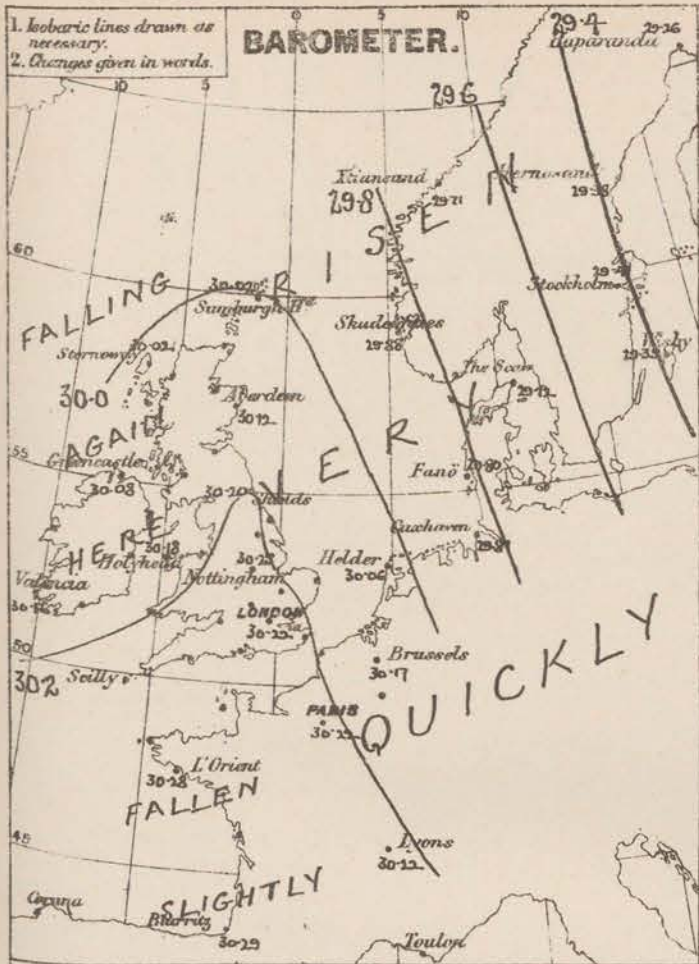
WEATHER.--Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. in Paris and 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 9 MARCH, 1878.



REMARKS. Weather is at present overcast in Ireland and the W. of Scotland, with a threatening appearance at Stornoway. It is cloudy and hazy in England, clear at many of the NEⁿ stations, while slight snow showers are reported at others. A blizzard snow-falls over many of the Nⁿ counties yesterday. Temperature shows no change in Ireland and the Hebrides, but has fallen elsewhere. Frost prevails in Scotland and the N. of England, in London the temperature is 37° while at Valentia it is 49°. Wind is fresh from NNW in N. Germany, moderate from the same quarter in Norway and Denmark, light NW or westerly coast, but light SW to S^W in the W. In the Bay of Biscay the wind is light NE^{ly}. The NW^{ly} gales felt in the E yesterday have died down except at Wick. Sea is moderate to smooth. Barometrical Indications. The barometer has risen rapidly on the Eⁿ shores of the North Sea, and less quickly on our E. coasts as the depression entered yesterday has travelled away. In the W. and NW of our Islands, however, the mercury is again falling, and it appears as though a new disturbance is approaching us from the NWⁿ. Forecast. Should the above surmise be correct a renewal of NW^{ly} gales may be expected.

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.
Secretary.

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

M.H. SCOTT

Surrender

SUMMARY OF WEATHER IN WESTERN EUROPE

from MARCH 3rd to MARCH 9th 1878.

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

Weather has been very unsettled during this period. Pressure has been highest over France and numerous important disturbances have crossed our area; at first these depressions passed from W to E. well to the NW of Scotland, and gave us fresh W winds but very little rain, but in the middle of the week the direction changed to ESE. instead of E. and on Wednesday a very severe WNW gale was experienced; on Thursday a new area of low pressure appeared off the NW of Scotland, which passed in a SE direction, and occasioned another very severe NW gale. After the passage of this disturbance the barometer rose until Saturday, when it again fell briefly in the NW. Temperature has oscillated considerably but the rainfall has been slight and partial.

MARCH 3rd Pressure was increasing briskly in all parts of NW Europe, and the area of low readings which at the close of the previous week lay over the N. of Scandinavia was passing away over the Baltic. (Baromet. 29.16 ins). A large anticyclone lay over the Channel, the NW of France and the Bay of Biscay (Baromet. 30.51 ins). Temperature had fallen several degrees over the N. and W. of France and the SE of England, but risen slightly in most other places; it varied over these Islands from 51° at Valencia to 39° in London and 42° at Aberdeen. Wind was strong in force over Denmark and the S. of Sweden, light or moderate elsewhere; it was S. in Ireland and Scotland, W. on our other coast and over the North Sea, N. in the Bay of Biscay. Sky was clear over France and the SE of England, cloudy elsewhere, but the weather was very dry. In the evening the barometer was still rising except in the N. where it was steady and the S. wind risen to a strong breeze.

MARCH 4th The mercury had risen rapidly over Scandinavia and slightly over France and the greater part of these Islands, but in Ireland and the N. of Scotland it had fallen slightly. A depression lay near the Shetlands, and a second was approaching the N. coast of Ireland, while the area of high readings was still shown over the Channel and NW of France. Wind was E. over the Bay of Biscay, SW. on all our coast and SE. at Skudesnaes; it reached the force of a gale at Valencia and Skudesnaes, but was moderate in most other places. Temperature had fallen quickly over the Baltic and slightly in France, but had risen over these Islands. Weather was clear in Sweden and Central France, dull at our stations with rain in the N. and W. and a great deal of fog in Norway, North Germany and the N. of France. During the day the decrease of pressure noticed in the N. in the morning spread to all our stations but at 6 P.M. the barometer was recovering again at Valencia where the wind had veered to N.

MARCH 5th Pressure was increasing over England, Ireland, and the NW of France, but was decreasing in all other places - rapidly over Norway and Sweden. Readings varied from 30.60 ins. in the SW. to 29.2 ins. at Haparanda. Wind was W. over these Islands, and SW. in the countries to the E. of the North Sea, while it was N. over France; it was fresh to strong in force at all the more NW stations. Temperature had risen fast in London but fallen elsewhere - from 10° to 15° in Scotland; it was very uniform varying from 52° at Biarritz to 37° at Thurso. Weather was clear in the S. but still cloudy in the N. Rain had been general in the NW half of our area. During the day the barometer fell at all stations except Norway where it rose slightly and the wind veered.

MARCH 6th The barometer had fallen rapidly at the NW stations and to a less extent in all parts of NW Europe, except the SW. of France and N. of Spain, a deep depression had advanced to the neighbourhood of the Shetlands

suddenly during the night, and readings at its centre being about 29 in. while at Gouma the mercury was as high as 30.79 in. very steep gradients had been formed on our coasts. Wind was N^W over these Islands and France, but drew into S^W on the eastern shores of the North Sea; it blew a great to hard gale on our N. N. and N.E. coasts, and was strong and equally elsewhere. Temperature had fallen in Norway and Sweden, but risen elsewhere; it was high and very uniform. Rain was falling in the N. and H. and the sky was cloudy or overcast. Later Reports showed that this disturbance was passing away eastward, and the barometer rose, while the wind veered to N^W. At 6 P.M. the gale was abating.

MARCH 7th The barometer was rising over the greater part of Ireland and England, but was falling again at the extreme N^W and N^W stations, and a great depression (29.6 in. Ireland) was appearing off the N. of Scotland. Over the Bay of Biscay and N. of Spain pressure was also decreasing, but readings were still highest in the S^W. (Coppens 30.62 in.) Wind was backing to S^W in the N. of Scotland, but was N^W elsewhere; it was strong in force in the N^W and blew a hard gale in Denmark and N. Germany, elsewhere it was generally moderate. Temperature had risen slightly in Ireland and Scotland, as well as over France but had fallen elsewhere; it varied over these Islands from 63° at Rock Point to 39° at Thurso. Weather was overcast generally, with rain in Scotland, snow at Skudomars and Stockholm. During the day the depression which was approaching Scotland continued to advance in a S.E. direction, and the wind in the afternoon and night increased to a ^{very} heavy gale in the N^W, N. and E.

MARCH 8th The depression noticed above had continued to advance S.E. and had its centre at 8 am over the Sound, where the barometer had fallen rapidly; in these Islands pressure was increasing, and the gradient which had been formed over the S^W portion of the North Sea was 0. in. per 60 miles. Wind was N^W generally. It was still blowing a hard gale in N. Germany, and with less force over the whole of these Islands. Temperature had fallen everywhere the change being considerable over Scotland, it varied from 50° at Falmouth to 32° in the Shetlands. Sky was clear or nearly so generally, but snow showers were reported in the Hebrides. During the day the barometer rose except at Valentia, gradients decreased and the wind fell lighter.

MARCH 9th Pressure had increased rapidly over Scandinavia, and quickly on our east coast, and over the Netherlands, but in the N. the mercury had fallen briskly during the night. A large area of high readings lay over France and threw out an arm N^W as far as Shields. To the eastward of this arm light N^W breezes prevailed, while on its N^W side S^W to S^W breezes were reported. Temperature had again fallen except on our extreme N^W coast; it varied from 49° in the S^W to 31° at York and 30° at Aberdeen. Weather was rather cloudy and hazy over England and the E. of Scotland, but was overcast in the N. of that country and in Ireland. The evening report showed the barometer falling briskly in the Hebrides, with a great S^W wind while in all other parts of our Islands pressure was decreasing though more slowly.

DAILY WEATHER REPORT

MARCH 16th 1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY										LAST 24 HOURS.		
	Barometer at 330 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 330 F. and Sea Level.	SHADE TEMP.			WIND.	Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.				
			Direc.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.				Max.	Min.					
Haparanda ...	29.52	12	N	2	b	29.71	+ .46	-2	-4	-13	N	2	b	*	27	-2	-		
Hernösand ...	29.68	25	NW	2	b	29.83	+ .45	18	17	-2	Z	0	b	*	*	*	-		
Stockholm ...	29.63	23	NNW	2	b	29.83	+ .42	17	16	-2	N	2	b	*	*	*	-		
Wisby ...	29.63	32	NNW	8	b	29.81	+ .42	29	27	0	NNW	6	b	*	*	*	-		
Christiansund ...	29.83	30	SW	4	b	29.68	- .03	29	28	-1	SE	6	c	3	34	23	0.32		
Skudesnaes ...	29.93	27	Z	0	b	29.82	- .06	34	32	+2	SE	5	5	4	34	27	-		
Oxo (Tiansand) ...	29.93	29	NNW	4	b	29.94	+ .16	25	23	-2	N	4	c	2	36	19	-		
Skagen (The Sæw) ...	29.88	35	NNE	3	b	29.95	+ .23	34	32	0	SSE	2	c	0	37	18	-		
Fanø ...	30.00	32	NN	1	b	29.98	+ .18	37	35	+2	WSW	1	c	*	39	30	-		
Cuxhaven ...	30.01	39	N	3	c	30.04	+ .23	37	36	0	SW	1	c	*	39	34	0.01		
Sumburgh Head ...	29.87	35	S	3	0	29.53	- .49	44	42	+2	N	5	c	5	44	30	0.19		
Stornoway ...	29.70	42	SSW	5	0	29.73	- .29	40	39	+1	N	1	c	4	44	35	0.17		
Thurso ...	29.70	35	SSE	2	5	29.66	+ .43	41	40	+1	SW	3	7	5	42	31	0.29		
Wick ...	29.78	38	S	3	r	29.68	- .40	42	40	+2	NNW	3	b	3	42	30	0.16		
Nairn ...	29.84	36	Z	0	r	29.74	- .18	39	37	+2	Z	0	c	1	41	30	0.10		
Aberdeen ...	29.89	35	S	3	5	29.72	- .40	40	38	+2	N	1	b	1	40	30	0.12		
Leith ...	29.92	37	SSW	2	r	29.79	- .24	42	40	+2	NNW	1	b	*	44	30	-		
Shields ...	30.02	40	SSW	2	0	29.84	- .26	44	43	+1	N	1	c	3	44	30	0.15		
Scarborough ...	30.05	39	WSW	2	0	29.85	- .33	43	42	+1	WSW	1	0	2	43	34	0.08		
York ...	30.07	37	WSW	2	m	29.87	- .33	43	43	+0	SW	1	b	*	43	29	0.23		
Nottingham ...	30.10	38	S	2	r	29.93	- .32	45	45	+0	WSW	1	c	*	47	33	0.05		
Ardrossan ...	29.91	43	SSE	2	r	29.85	- .29	45	42	+3	NN	4	b	3	47	34	0.24		
Greencastle ...	29.85	46	S	1	0	29.91	- .17	44	41	+3	N	3	b	*	47	40	0.22		
Donaghadee ...	29.90	43	SSW	2	0	29.44	- .22	42	41	0	NN	4	b	3	45	40	0.06		
Kingstown ...	29.96	49	S	2	0	30.02	- .15	43	41	-2	NNN	5	b	4	51	42	0.05		
Holyhead ...	29.98	46	SSW	2	m	29.99	- .19	45	44	+1	NNN	4	c	3	48	41	0.17		
Liverpool (Bidston) ...	30.01	42	SE	2	0	29.94	- .25	45	43	+2	N	4	0	3	46	38	0.09		
Valencia ...	29.88	51	WSW	4	0	30.20	+ .04	48	44	-4	NN	3	b	3	53	44	0.13		
Roche's Point ...	29.98	49	WSW	3	r	30.14	- .05	43	42	-1	NNN	4	b	3	53	43	0.22		
Pembroke ...	30.05	48	SW	3	0	30.05	- .15	46	45	+1	NN	4	b	3	49	44	0.09		
Portishead ...	30.03	47	SSW	4	r	29.99	- .22	45	43	+2	NNN	3	b	3	50	39	0.03		
Seilly ...	30.10	49	Z	0	od	30.05	- .18	46	45	+1	NN	4	b	*	52	42	0.08		
Plymouth ...	30.14	47	S	3	p	29.98	- .25	48	45	+3	SW	4	m	3	49	40	0.05		
Hurst Castle ...	30.17	42	SW	2	b	29.97	- .25	47	46	+1	WSW	3	c	3	47	37	0.01		
Dover ...	30.16	43	WSW	1	0	29.98	- .24	46	45	+1	SW	1	r	*	49	41	0.09		
London ...	30.16	43	WSW	1	0	29.94	- .29	45	45	+0	SW	1	0	*	45	37	0.11		
Oxford ...	30.23	40	SSW	1	r	29.93	- .31	45	45	+0	SW	1	r	*	46	31	0.03		
Cambridge ...	30.15	38	SE	3	b	29.94	- .26	42	41	+1	SW	2	om	2	42	34	0.10		
Yarmouth ...	30.00	36	S	2	*	30.00	- .16	36	36	-0	S	1	r	*	*	*	-		
The Helder ...	30.17	41	SW	1	0	30.00	- .1	45	45	+0	SSW	2	0	2	46	39	-		
Cape Gris Nez ...	30.20	54	SW	3	0	30.16	- .12	48	46	+2	NN	4	0	4	?	45	0.02		
Brest ...	30.20	46	SW	2	0	30.16	- .12	48	46	+2	NNN	2	0	3	50	41	-		
L'Orient ...	?	52	NN	3	b	?	?	48	46	+2	NNN	3	c	3	59	39	-		
Roche fort ...	30.15	54	ENE	2	c	30.18	- .11	52	48	+4	SSW	3	0	3	57	45	-		
Biarritz ...	30.28	53	NE	6	c	30.05	- .12	39	37	+2	WSW	1	r	*	41	36	-		
Corunna ...	30.07	37	SSE	1	d	30.07	- .06	37	37	+0	SSE	1	d	*	*	*	-		
Brussels ...	30.10	43	S	2	0	30.10	- .12	43	40	+3	S	2	0	*	*	*	-		
Charleville ...	30.22	40	SE	4	c	30.22	- .02	40	40	+0	SE	4	c	*	*	*	-		
Paris ...	30.07	30	ENE	4	m	30.07	+ .16	30	43	+13	ENE	4	m	3	57	46	-		
Lyons ...	29.93	50	NN	7	m	30.07	+ .16	30	43	+13	ENE	4	m	3	57	46	-		
Toulon ...	29.93	50	NN	7	m	30.07	+ .16	30	43	+13	ENE	4	m	3	57	46	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.93	34	30	NNW	2	c	2	Valencia	30.07	53	50	SW	4	c	4
Thurso	29.95	37	34	S	3	c	3	Seilly							
Scarborough ...	30.13	40	35	SSW	1	c	3	London	30.21	44	39	WSW	1	c	*
Greencastle ...	29.99	44	43	S	2	c	*	Roche fort ...	?	55	50	NN	2	b	3
Holyhead	30.09	45	45	SSW	3	d	2								

The barometer is falling everywhere - most in the N. The wind is freshening from the SW at the river stations. Our NNW and extreme NW coasts were warmed soon after noon today.

EXPLANATION OF COLUMNS.

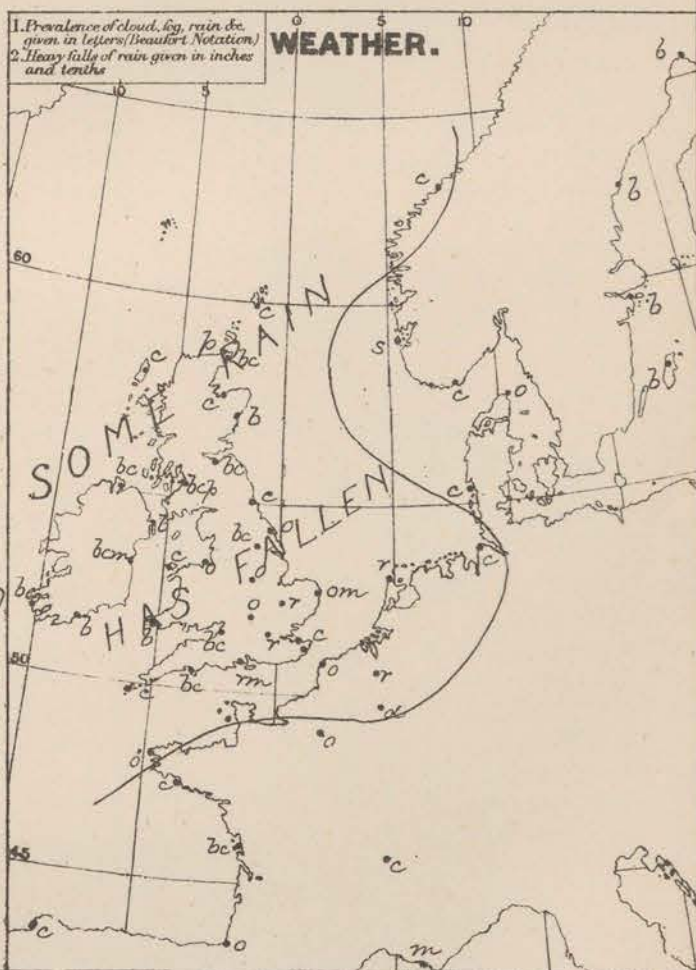
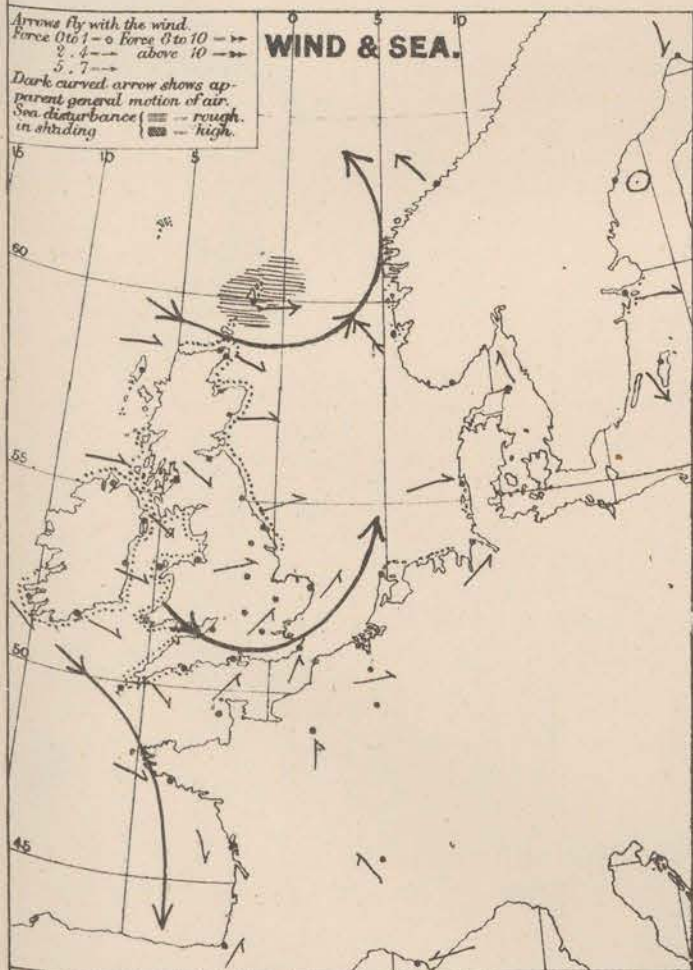
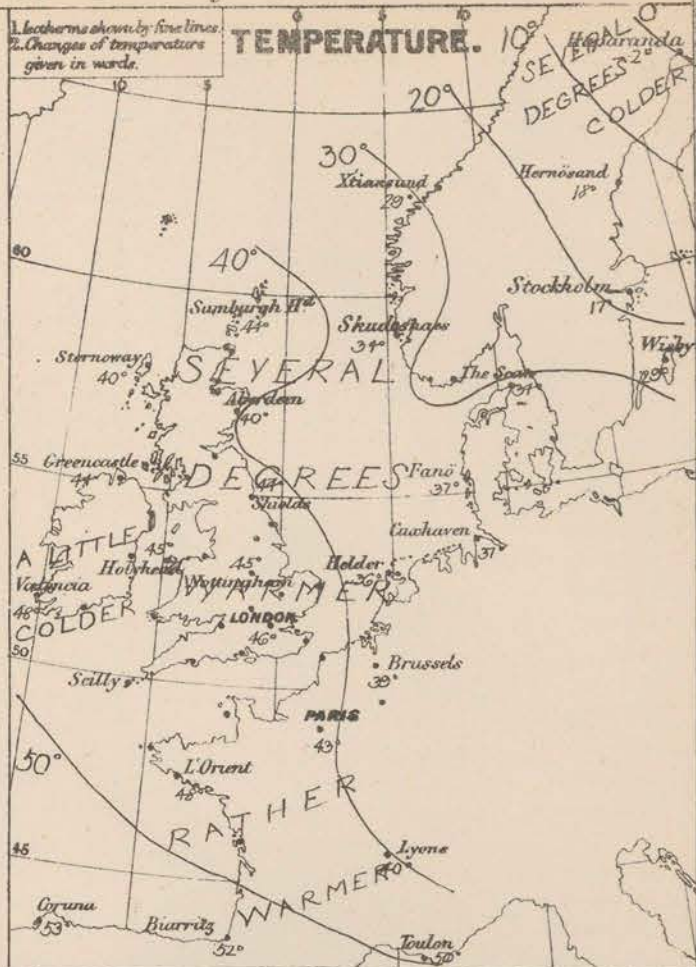
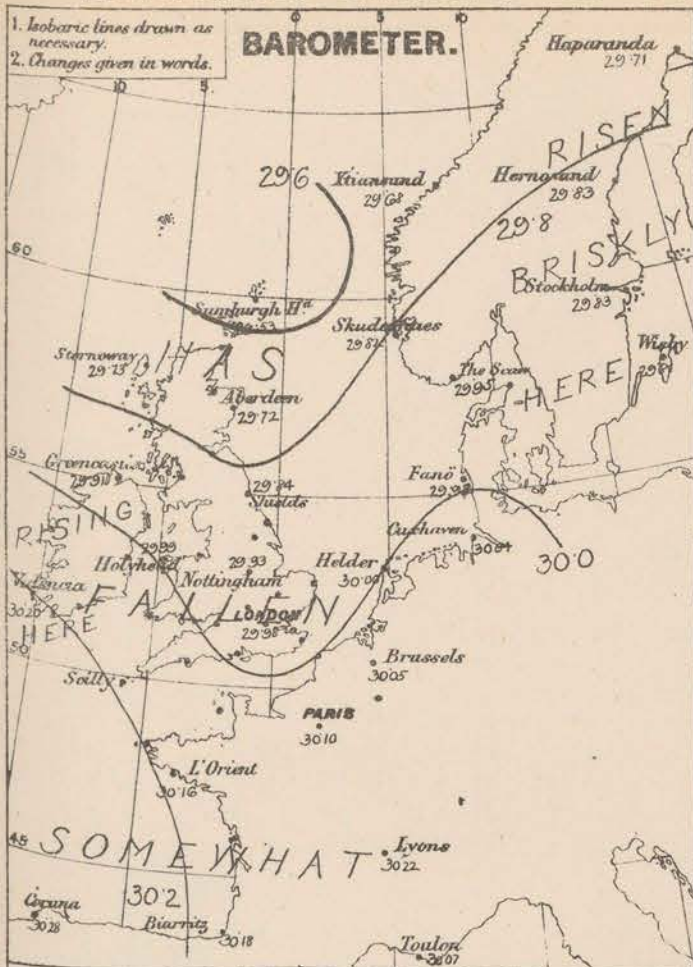
WEATHER.--Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 10TH MARCH 1878.



REMARKS. Weather is fine on our western and northern coasts and also in Sweden, but generally cloudy elsewhere; rain is falling in the south-east of England and in the Netherlands, snow at Kudesnaes. Rain fell yesterday in almost all parts of the kingdom but the amounts reported are not very large. Temperature has risen several degrees in Sth Britain and to a less extent over France, but at the Irish stations the tendency has been to fall. The readings of the Thermometer are now very uniform, varying between 40° and 45° in Scotland, and between 42° and 48° in England and Ireland. At Haparandav in Lapland the thermometer has fallen to -2° Fahr. Wind has veered to NW at all the southern stations, but is SW by S on our east coast, and draws into SE in the west of Norway; it is light or moderate in force in most places, but blows with the force of a strong breeze or moderate gale in Norway. Sea is rather rough at the Hatterids, slight or smooth elsewhere.

Barometrical Indications In the course of the night an calm, but somewhat shallow, depression has advanced towards our northern coasts, causing a brisk fall of the barometer in all the more northern parts of the kingdom. The disturbance now appears to be moving E^{ly}, and the mercury is already rising at most of our western stations.

Fogging. Our entire north and north west coasts were hazy yesterday morning, and in the evening the following message was sent to the west, the remainder of the north, and the north east coasts:—“A low depression coming over Scotland from Atlantic. Expect H^g gale moving N^W.”

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, Secretary.

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

R. H. SCOTT.
Secret

Secretary.

DAILY WEATHER REPORT

MARCH 11th

1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirce.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.77	4	Z	0	δ	29.73	+ .02	6	5	+ 8	SE	2	δc	*	16	-2	-	
Hernösand	29.80	28	S	2	δ	29.84	- .29	29	27	+ 11	SSW	2	o	*	*	*	-	
Stockholm	29.86	22	SW	20	δ	29.62	- .21	29	28	+ 12	SW	2	o	*	*	*	-	
Wisby	29.89	28	NNW	4	δ	29.76	- .05	32	31	+ 3	SW	6	s	*	*	*	-	
Christiansund	29.44	36	S	3	o	29.32	- .36	36	34	+ 7	SSW	5	o	3	36	25	-	
Skudesnaes	29.66	41	SW	4	†	29.60	- .22	40	36	+ 6	NNW	4	o	4	41	34	0.28	
Oxö (Xtiansund)	29.77	37	S	6	†	29.55	- .39	41	38	+ 16	WSW	4	δ	3	?	?	0.04	
Skagen (The Sæw)	29.85	35	SSW	4	†	29.84	- .41	40	38	+ 6	WSW	4	†	2	?	30	0.24	
Fano	29.85	40	SW	4	†	29.80	- .18	42	41	+ 5	WSW	6	c	*	?	34	0.04	
Cuxhaven	30.01	39	SSW	3	†	29.92	- .12	43	43	+ 6	WSW	4	†	*	?	34	0.04	
Sumburgh Head	29.59	42	NNW	4	†	29.44	- .09	38	37	- 6	NNW	7	†	6	46	35	0.34	
Stornoway	29.73	45	W	4	o	29.78	+ .05	42	40	+ 2	W	6	pgw	5	47	36	0.96	
Thurso	29.70	43	WSW	5	o	29.66	00	40	39	- 1	WSW	6	pgw	5	48	37	0.11	
Wick	?	45	NNW	5	δc	29.66	- .02	?	?	?	NNW	5	†	3	48	35	0.11	
Nairn	29.76	45	W	2	o	29.79	+ .05	42	39	+ 3	W	1	o	1	48	39	0.02	
Aberdeen	29.79	46	SW	2	c	29.79	+ .07	42	39	+ 2	W	1	δ	1	50	38	-	
Leith	29.83	47	W	4	δ	29.88	+ .09	47	45	+ 5	W	5	δ	*	52	41	-	
Shields	29.96	47	NNW	4	c	30.01	+ .17	46	43	+ 2	W	4	c	2	51	43	-	
Scarborough	30.00	46	W	2	δ	30.05	+ .20	46	44	+ 3	W	2	o	2	51	43	-	
York	30.05	46	W	2	δc	30.10	+ .23	47	45	+ 4	W	3	o	*	54	42	-	
Nottingham	30.11	47	NNW	3	δ	30.20	+ .27	46	45	+ 1	SW	3	o	*	52	42	-	
Ardrossan	29.95	50	NNW	6	o	30.00	+ .15	49	44	+ 4	NNW	5	o	4	50	45	0.05	
Greencastle	30.03	49	W	4	o	30.06	+ .15	47	45	+ 3	W	3	o	*	51	43	0.05	
Donaghadee	30.08	51	NNW	3	δc	30.12	+ .18	46	45	+ 4	W	3	δc	2	52	42	-	
Kingstown	30.18	51	NNW	5	c	30.24	+ .22	47	45	+ 4	NNW	4	c	4	51	42	-	
Holyhead	30.16	49	W	2	c	30.22	+ .23	47	47	+ 2	WSW	3	c	3	50	44	-	
Liverpool (Bidston)	30.12	45	W	3	δ	30.17	+ .23	46	45	+ 1	WSW	4	o	3	48	45	-	
Valencia	30.33	49	W	4	c	30.39	+ .19	48	45	o	WSW	4	o	4	53	45	0.07	
Roche's Point...	30.31	45	NNW	3	δ	30.38	+ .24	46	44	+ 3	W	3	c	3	52	44	-	
Pembroke	30.24	48	W	2	δc	30.33	+ .28	48	48	+ 2	W	4	c	2	49	45	-	
Portishead	30.19	48	NNW	4	δc	30.30	+ .31	47	45	+ 2	W	4	c	4	53	43	-	
Scilly	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plymouth	30.25	49	NNW	2	δ	30.39	+ .34	48	46	+ 2	W	2	δ	*	55	43	-	
Hurst Castle	30.15	51	NNW	3	δc	30.34	+ .36	48	46	o	W	3	c	3	54	41	0.01	
Dover	30.09	48	NNW	3	δc	30.27	+ .30	45	43	- 2	NNW	3	δ	2	51	42	-	
London	30.08	48	NNW	2	δc	30.27	+ .29	43	42	- 3	WSW	2	δ	*	53	37	0.05	
Oxford	*	*	*	*	*	30.28	+ .34	45	43	o	SW	1	o	*	51	40	-	
Cambridge	30.09	46	NNW	1	δ	30.23	+ .30	44	43	- 1	WSW	1	o	*	54	37	0.02	
Yarmouth	30.03	46	NNW	2	δ	30.15	+ .21	44	43	+ 2	W	3	δcm	2	49	34	0.01	
The Helder.	*	*	*	*	*	30.08	+ .08	44	39	+ 8	WSW	3	c	*	*	*	-	
Cape Gris Nez	30.09	46	W	1	o	30.26	+ .26	45	43	o	W	3	c	2	48	43	0.04	
Jersey	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brest	30.36	?	N	4	δ	30.50	+ .34	48	44	o	NNW	2	δ	3	52	45	-	
L'Orient	30.32	48	N	4	δc	30.51	+ .35	45	45	- 3	NNW	2	δ	3	54	?	41	
Rocheport	?	54	NNW	5	δc	?	?	45	45	- 3	N	4	δ	3	57	37	-	
Biarritz	30.30	51	NNW	4	c	30.48	+ .30	46	45	- 6	ENE	2	δc	3	54	43	0.04	
Corunna	*	*	*	*	*	...	...	...	...	...	...	...	...	...	*	*	*
Brussels	*	*	*	*	*	30.24	+ .19	42	41	+ 3	?	1	o	*	48	?	0.12	
Charleville	*	*	*	*	*	30.22	+ .15	42	...	+ 5	W	3	o	*	*	*	*	
Paris	30.12	48	NNW	1	o	30.36	+ .26	46	42	+ 3	NNW	1	δc	*	*	*	0.04	
Lyons	*	*	*	*	*	?	?	50	*	+ 10	N	2	o	*	*	*	*	
Toulon	30.12	50	ESE	1	o	30.14	+ .07	45	41	- 5	NNW	3	δ	3	57	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudeenæs ...	29.70	36	36	SW	8	†	6	Valencia							
Thurso								Scilly							
Scarborough ...								London					*		
Greencastle ...						*		Rocheport ...	?	54	50	NW	4	δc	3
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.

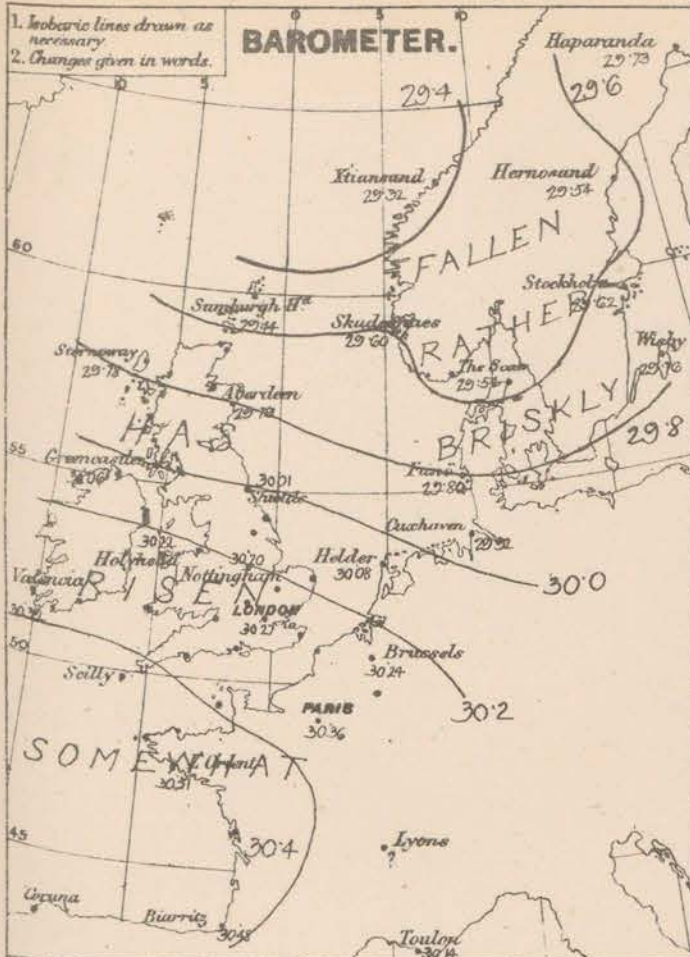
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 11TH MARCH 1878.

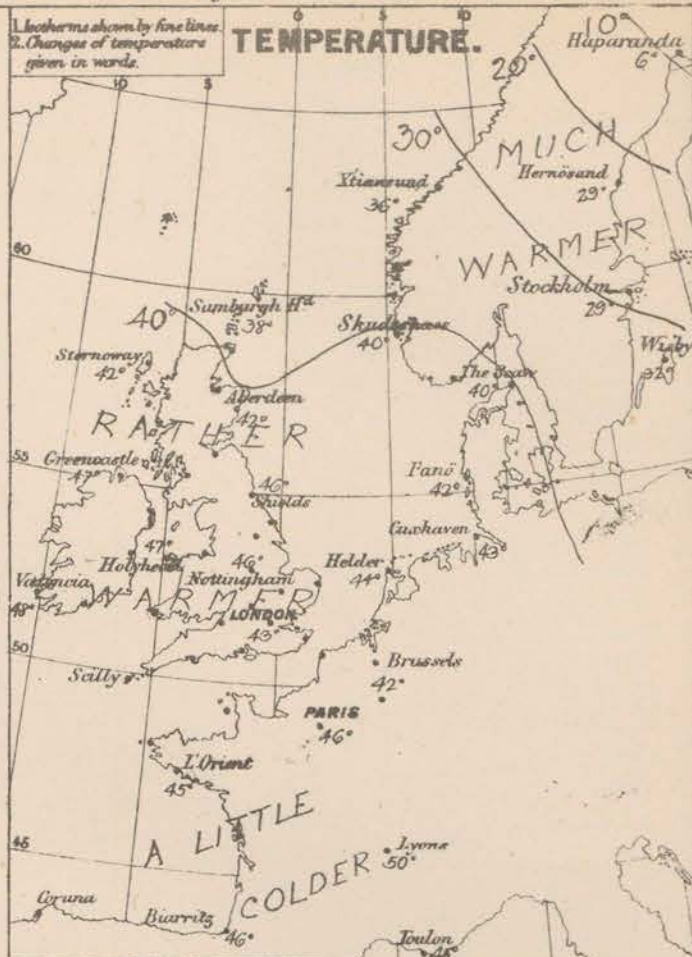
1. Isobaric lines drawn as necessary
2. Changes given in words.

BAROMETER.



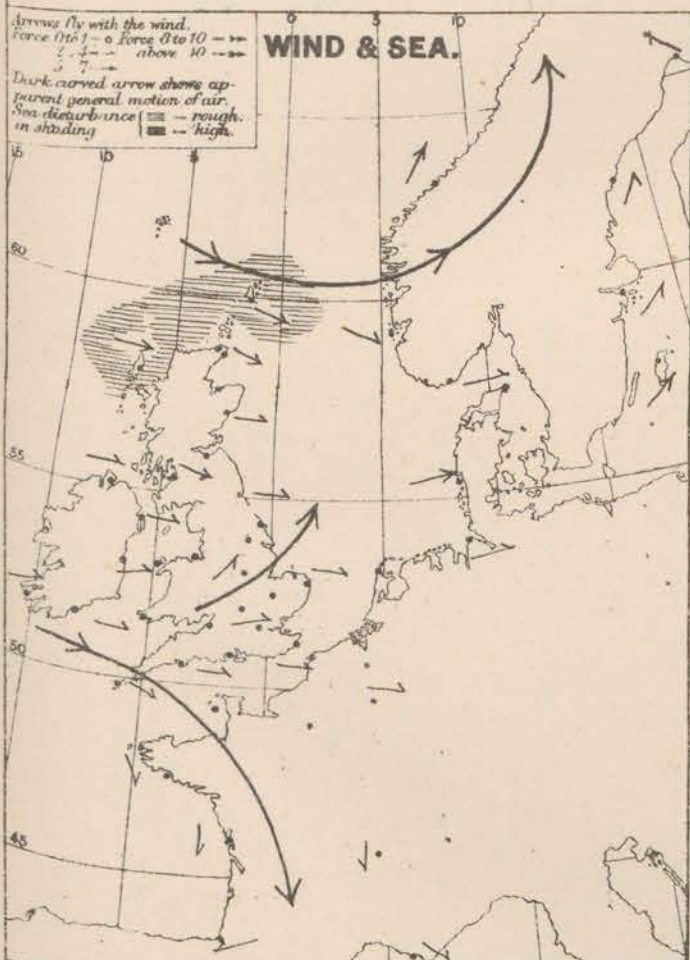
1. Isotherms shown by fine lines
2. Changes of temperature given in words.

TEMPERATURE.



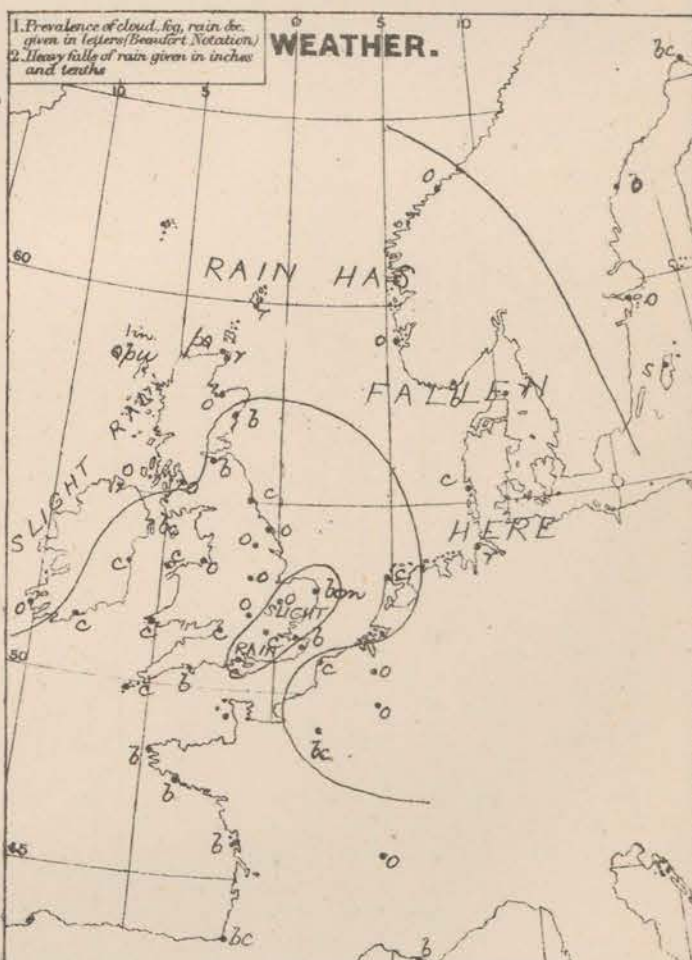
1. Arrows fly with the wind, force 1 to 10 — above 10 —
2. Dark curved arrow shows apparent general motion of air.
3. Sea disturbance (—) rough, in shading high.

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. Weather is clear or nearly so at many of our east coast stations as well as over the Bay of Biscay but is cloudy or overcast elsewhere with showers of rain in the north of Scotland, the Skager Rack and North Germany, snow at Trondheim; at Stornoway the appearance is threatening. Rain fell in the extreme west and north yesterday—nearly an inch at Stornoway. Temperature has risen slightly except in the west of France, the southeast of England and north-east of Scotland; it is very uniform over these Islands, varying from 40° at Shussum and 43° in London to 45° at Valentia; during yesterday the thermometer in the shade rose to 55° at Plymouth, to 54° at York and Cambridge and to 53° in London. Wind is N over the Bay of Biscay but draws from W. on our coasts and over the North Sea into SW. in Scandinavia; it is moderate to light in force on most coasts but blows strongly in the north of Scotland. During last evening a slight gale was experienced over the Clyde and the Tyne from NW. Sea is rough to the northward of Scotland, slight or smooth on our other coasts.

Barometrical Indications. Pressure is decreasing again over Scandinavia and at our extreme north-eastern stations but is increasing in all other places—briskly over the Bay of Biscay. It is highest (30.5 in.) in the west of France, while a large depression (29.3 in.) lies off the west of Norway.

Warnings. The warning signals have all been lowered this morning.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT MARCH 12th 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										LAST 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.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.64	17	Z	0	0	29.65	-.08	11	10	+ .5	Z	0	0	*	18	5	-	
Hernösand ...	29.37	31	Z	0	0	29.54	.00	30	30	+ 1	SE	2	5	*	*	*	0.20	
Stockholm ...	29.27	33	S	2	5	29.34	-.28	31	30	+ 2	NE	6	5	*	*	*	0.08	
Wisby ...	29.37	35	SW	4	5	29.19	-.57	34	33	+ 2	NE	4	5	*	*	*	0.20	
Christiansund ...	29.36	36	E	3	0	29.67	+ .35	36	33	0	NNW	8	0	5	39	27	0.16	
Skudesnaes ...	29.42	35	NNW	0	0	29.50	+ .20	38	36	- 2	NNW	6	0	4	?	36	0.08	
Oxö (Tiansand) ...	29.30	36	WSW	4	6	29.62	+ .07	26	33	- 5	NNW	4	6	2	41	34	-	
Skagen (The Scaw) ...	29.27	38	NNW	7	60	29.50	-.04	36	33	- 4	NE	6	0	7	43	30	0.12	
Fanö ...	29.51	40	W	6	0	29.60	-.20	38	35	- 4	NNW	8	0	*	45	36	0.12	
Cuxhaven ...	29.78	45	W	6	7	29.60	-.32	39	38	- 4	NW	8	0	*	45	36	0.03	
Sumburgh Head ...	29.61	38	NW	8	5	30.14	+ .70	35	33	- 3	N	5	0	5	40	33	0.15	
Stornoway ...	29.99	37	NNW	4	60	30.31	+ .53	37	34	- 5	NNW	2	0	4	43	33	0.05	
Thurso ...	29.85	38	NW	6	0	30.23	+ .57	39	35	- 1	NNW	5	0	5	49	35	0.18	
Wick ...	29.86	35	NNW	5	60	30.23	+ .57	37	35	?	NW	2	0	2	43	33	0.03	
Nairn ...	29.95	37	NW	3	0	30.28	+ .49	38	37	- 4	NW	1	0	1	46	36	-	
Aberdeen ...	29.84	41	NW	7	6	30.21	+ .42	37	35	- 5	NW	4	0	2	49	36	-	
Leith ...	29.91	46	NNW	5	6	30.26	+ .38	37	35	- 10	W	2	6	*	51	34	-	
Shields ...	29.94	48	NNW	4	0	30.26	+ .25	36	33	- 10	NNW	2	6	2	50	35	-	
Scarborough ...	29.95	49	NNW	3	0	30.25	+ .20	40	37	- 6	NNW	2	60	3	53	38	-	
York ...	30.03	48	W	4	0	30.26	+ .16	38	35	- 9	NNW	1	6	*	51	34	0.01	
Nottingham ...	30.14	50	WSW	3	0	30.30	+ .10	41	37	- 5	N	3	6	*	53	38	0.04	
Ardrossan ...	30.02	46	NW	4	7	30.28	+ .28	33	31	- 16	E	1	6	0	50	33	0.02	
Greencastle ...	30.08	47	NNW	3	7	30.29	+ .23	39	38	- 8	NNE	1	0	*	50	37	0.26	
Donaghadee ...	30.11	47	NW	3	60	30.30	+ .18	42	39	- 4	N	2	6	1	49	41	0.08	
Kingstown ...	30.20	51	NNW	5	0	30.32	+ .08	46	45	- 1	ENE	1	70	1	51	44	0.09	
Holyhead ...	30.19	49	WSW	3	0	30.29	+ .07	45	44	- 2	N	3	0	3	51	44	0.02	
Liverpool (Bidston) ...	30.22	47	WSW	5	0	30.28	+ .11	42	40	- 4	NNE	1	0	1	50	42	0.17	
Valencia ...	30.36	51	WSW	5	000	30.44	+ .05	50	49	+ 2	W	3	0	3	55	47	0.08	
Roche's Point ...	30.36	?	W	4	0	30.40	+ .02	52	49	+ 6	NNW	3	0	3	53	45	-	
Pembroke ...	30.30	48	W	5	0	30.31	-.02	49	49	+ 1	NNW	3	00	2	49	47	-	
Portishead ...	30.25	47	WSW	6	0	30.26	-.04	49	47	+ 2	NNW	4	0	3	52	44	-	
Scilly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plymouth ...	30.38	49	W	4	0	30.34	-.05	50	49	+ 2	NNW	2	00	*	54	47	-	
Hurst Castle ...	30.36	50	NW	3	0	30.23	-.11	51	40	+ 3	NNW	5	00	14	52	41	-	
Dover ...	30.20	49	W	3	0	30.22	-.05	42	41	- 3	NNE	4	00	2	54	42	0.04	
London ...	30.22	51	NNW	2	0	30.23	-.04	43	41	0	NNE	3	0	*	52	43	0.01	
Oxford ...	...	...	...	...	...	30.26	-.02	45	45	0	N	1	7	*	53	44	0.04
Cambridge ...	30.15	49	W	1	0	30.25	+ .02	40	39	- 4	N	1	6	*	52	39	0.18	
Yarmouth ...	30.07	49	W	4	60	30.20	+ .05	42	38	- 2	NNW	3	0	3	51	38	0.03	
The Helder ...	...	...	...	...	...	29.99	-.09	43	40	- 1	NNW	5	0	*	...	...	0.04
Cape Gris Nez ...	30.20	46	WSW	5	0	30.21	-.05	41	41	- 4	NE	3	7	2	50	41	0.04	
Jersey ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brest ...	30.52	?	NN	2	0	30.47	-.03	48	48	0	NN	4	00	3	52	45	-	
L'Orient ...	30.52	48	NN	4	0	30.47	-.04	48	46	+ 3	NN	4	0	3	54	43	-	
Rochefort ...	?	52	NN	4	6	?	?	48	46	+ 3	NN	4	0	3	55	37	-	
Biarritz ...	30.52	54	NNE	3	0	30.49	+ .01	41	37	- 5	ENE	3	6	3	52	37	-	
Corunna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brussels ...	...	...	...	...	...	30.15	-.09	42	40	0	NW	2	60	*	51	41	0.12
Charleville ...	...	...	...	...	...	30.07	-.15	45	...	+ 3	W	3	7	*	...	...	...
Paris ...	30.25	50	NNW	4	0	30.24	-.08	45	46	+ 2	W	3	0	*	...	...	...
Lyons ...	...	...	...	...	...	30.32	?	54	...	+ 4	NW	2	6	*	...	...	...
Toulon ...	30.16	55	NN	5	6	30.44	.00	46	43	+ 1	NW	5	6	5	64	45	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.37	39	37	NNW	6	c	5	Valencia	30.37	54	50	WSW	4	0	4
Thurso	29.69	40	36	NW	7	cg	6	Scilly							
Scarborough ...	29.97	51	46	W	3	c	3	London	30.20	52	48	W	3	0	*
Greencastle ...	30.07	48	47	W	3	f	*	Rochefort ...	?	54	50	W	4	6	3
Holyhead	30.21	50	49	WSW	3	c	3								

Pressure is increasing slightly in the N. and NW. decreasing elsewhere. Wind is light from W. generally, but is strong from NW. at Thurso.

EXPLANATION OF COLUMNS.

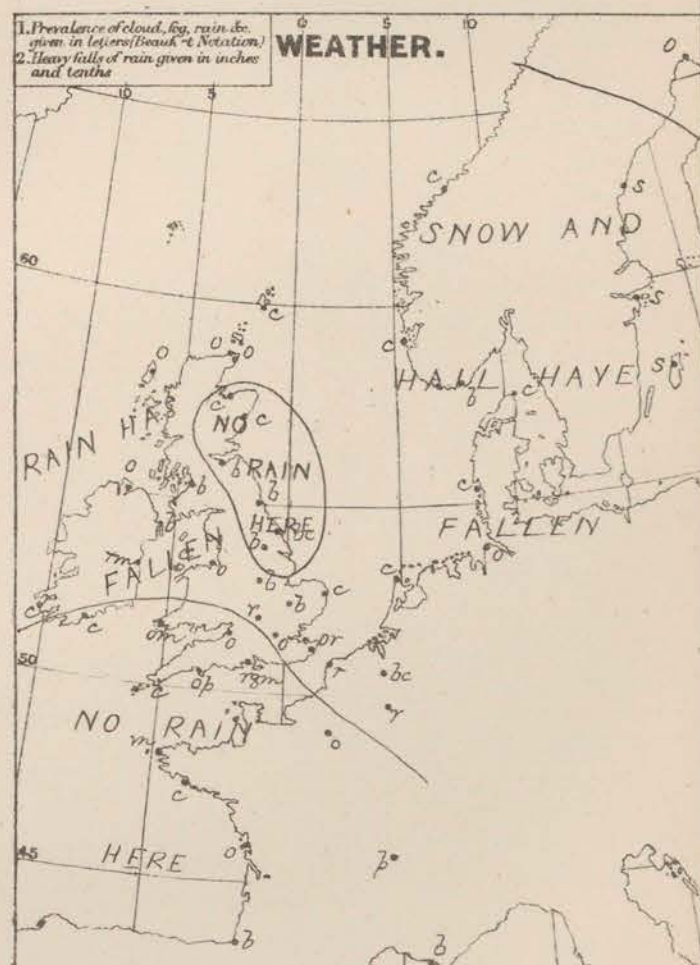
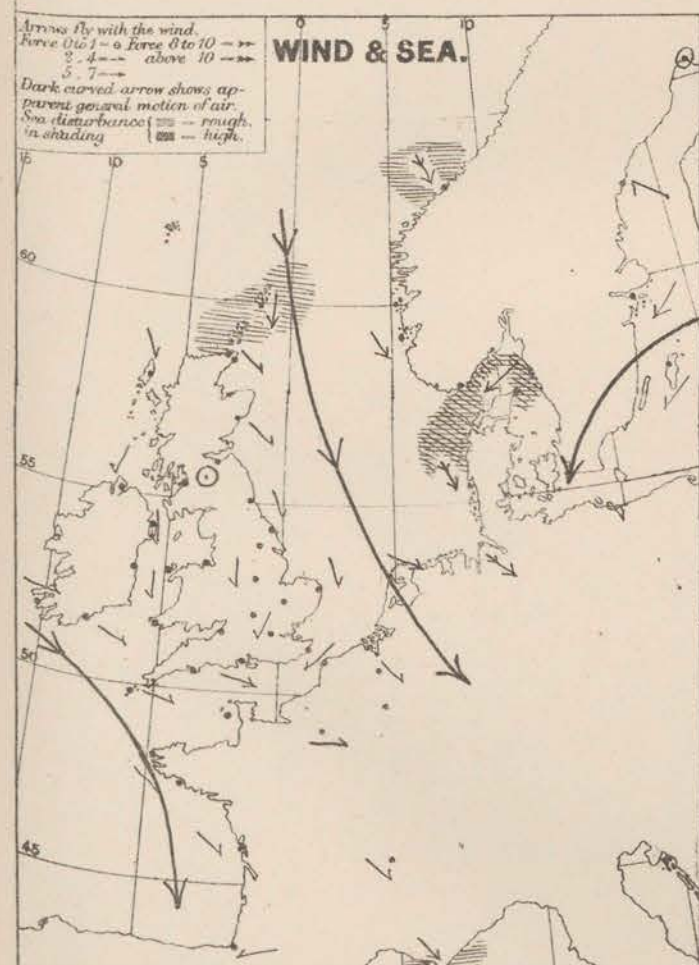
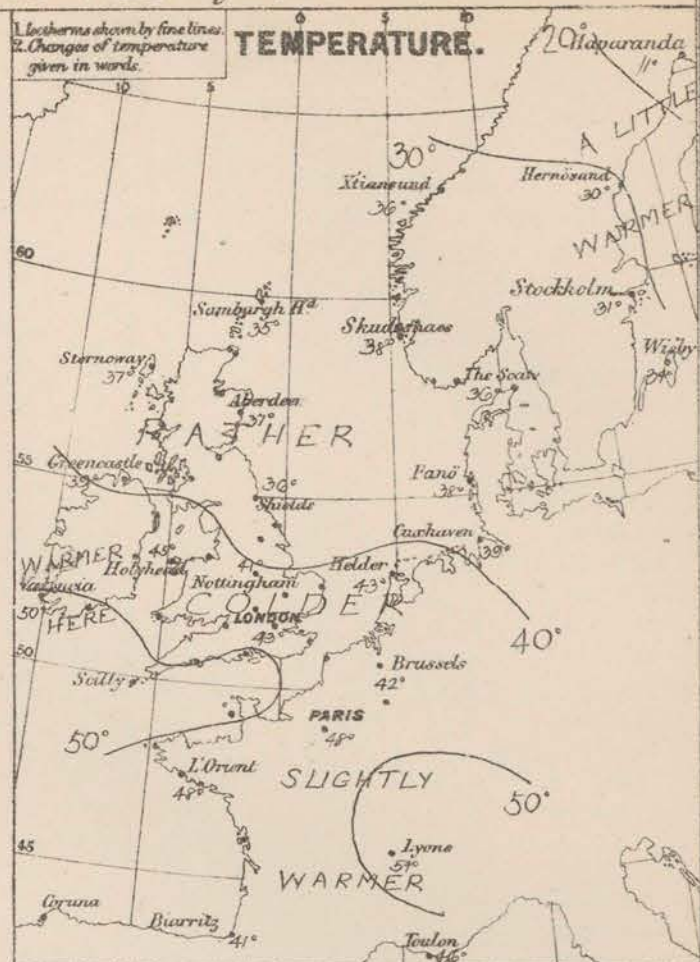
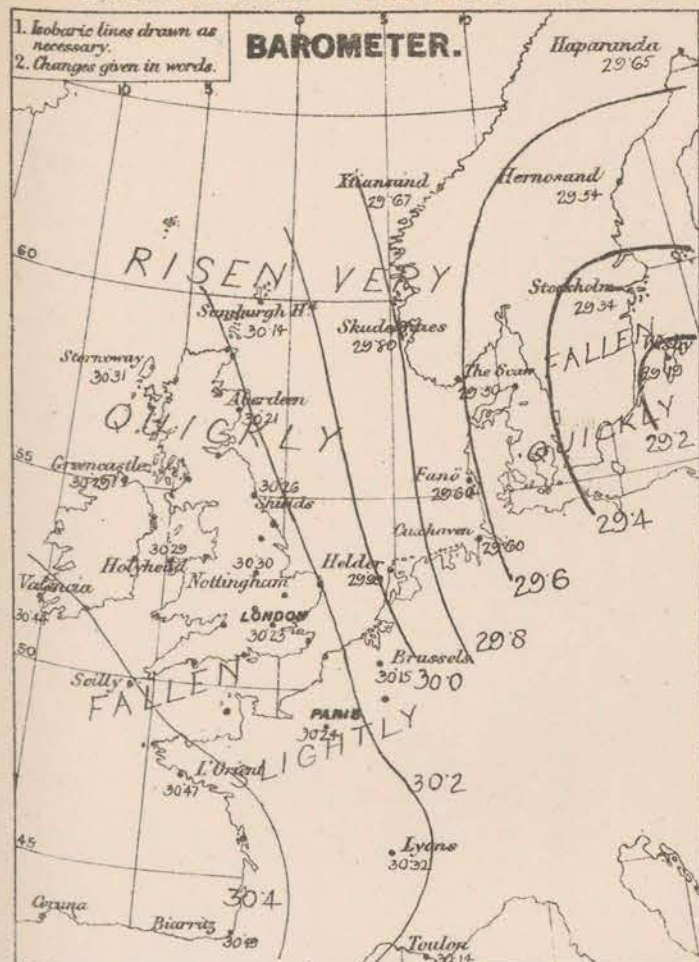
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 12th MARCH 1876.*



REMARKS. Weather is clear over the north of England and south of Scotland as well as at Biarritz, but is cloudy or overcast elsewhere, with snow in the Baltic, and showers of rain over southern England and the north and east of France. During the past 24 hours rain has fallen at all but our south western and north eastern stations, snow at Stornoway and hail at Cuxhaven. Temperature has risen slightly at our southern and south western stations but fallen in most other places; in the north west and north east the change amounts to several degrees, the thermometer at Andernab being as low as 33°, while at Cork it is as high as 52° and at Hurst Castle as 51°. Wind is NW over nearly the whole of Western Europe; on our own and the French coasts it is moderate to light in force but on the eastern shores of the North Sea it is strong, and in North Germany blows a fresh gale. During yesterday a strong NW gale was felt on our extreme north east coasts, while at Cuxhaven a severe gale from the same quarter has been blowing all night. Sea is slight except to the N^W of Scotland and on the Danish coast.

Barometrical Indications. Pressure is decreasing over the Baltic and North Germany as well as in the west of France, but is increasing in all other places - rapidly in the north. It still remains highest off our south west coasts (30.6 ins) but the lowest reading is now at Wisby in Gothland (29.19 ins).

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

MARCH 13th 1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 15).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 15).			Max.	Min.			
Haparanda ...	29.65	14	N	2	bc	29.69	+ 0.4	16	15	+ 5	N	4	c	*	23	9	-		
Hernösand ...	29.73	27	ESE	2	s	29.89	+ 0.5	23	22	- 7	N	2	o	*	*	*	0.04		
Stockholm ...	29.58	23	N	2	bc	29.75	+ 0.41	23	21	- 8	NNH	2	bc	*	*	*	-		
Wisby ...	29.47	29	NE	6	c	29.67	+ 0.48	30	28	- 4	NE	8	bc	*	*	*	0.04		
Christiansund ...	29.88	28	SW	4	bc	30.15	+ 0.48	32	30	- 4	NNH	4	c	5	?	23	-		
Skudesnaes ...	29.95	32	NNH	8	bc	30.12	+ 0.32	30	27	- 8	N	4	bc	2	39	?	-		
Osø (Christiansand) ...	29.75	36	NNH	6	bc	29.99	+ 0.37	30	26	- 6	NNH	4	bc	2	41	27	-		
Skagen (The Scaw) ...	29.71	40	NNE	3	c	29.91	+ 0.41	32	30	- 4	NE	5	c	5	41	27	-		
Fanø ...	29.81	37	N	8	o	29.88	+ 0.28	31	30	- 7	NNE	8	c	*	43	30	-		
Cuxhaven ...	29.88	42	NNW	7	s	29.83	+ 0.23	36	36	- 3	N	8	s	*	?	34	0.03		
Sumburgh Head ...	30.27	32	N	6	o	30.39	+ 0.25	38	33	+ 3	NNE	4	bc	5	38	29	0.04		
Stornoway ...	30.40	37	NNH	1	o	30.54	+ 0.23	36	33	- 1	NNE	1	o	4	40	32	-		
Thurso ...	30.35	36	NNH	4	o	30.44	+ 0.21	39	37	0	N	4	c	4	40	35	0.02		
Wick ...	30.35	35	N	4	o	30.43	+ 0.20	38	35	+ 1	NNH	3	o	2	38	33	-		
Nairn ...	30.45	38	NNH	1	bc	30.50	+ 0.22	36	34	- 2	NNH	2	o	1	40	35	-		
Aberdeen ...	30.31	38	N	3	c	30.37	+ 0.16	36	33	- 1	NNH	4	bcsp	2	40	35	-		
Leith ...	30.31	44	E	2	c	30.44	+ 0.18	35	34	- 2	E	3	bc	*	37	33	-		
Shields ...	30.30	41	NNE	3	o	30.40	+ 0.14	36	34	0	NNE	2	o	5	45	35	-		
Scarborough ...	30.29	41	N	2	bc	30.32	+ 0.07	39	35	- 1	N	4	o	5	44	38	-		
York ...	30.28	41	NE	2	bc	30.38	+ 0.12	36	33	- 2	N	4	c	*	49	35	-		
Nottingham ...	30.30	45	NE	1	bc	30.40	+ 0.10	36	32	- 5	NNH	3	bc	*	37	34	-		
Ardrossan ...	30.33	44	N	3	o	30.48	+ 0.20	33	29	0	NNE	2	bc	1	47	31	-		
Greencastle ...	30.37	42	N	1	t	30.44	+ 0.17	40	37	+ 1	NE	1	o	*	46	36	0.02		
Donaghadee ...	30.35	43	NNH	2	bc	30.48	+ 0.18	39	35	- 3	NE	3	bc	2	46	39	-		
Kingstown ...	30.37	47	SE	1	m	30.46	+ 0.14	42	40	- 4	NNH	4	bc	4	47	41	0.07		
Holyhead ...	30.34	45	NNH	2	c	30.43	+ 0.14	41	41	- 4	ENE	3	c	2	48	40	-		
Liverpool (Bidston) ...	30.33	42	NNH	1	bc	30.45	+ 0.17	37	33	- 5	NE	1	c	1	47	37	-		
Valencia ...	30.46	31	NNH	3	c	30.49	+ 0.05	48	47	- 2	X	0	bc	1	55	46	0.01		
Roche's Point... ..	30.43	49	NNH	4	c	30.45	+ 0.05	50	48	- 2	NNH	3	c	3	55	48	-		
Pembroke ...	30.37	48	NNH	1	o	30.40	+ 0.09	44	43	- 5	N	2	bc	1	50	43	-		
Portishead ...	30.29	46	NNH	4	o	30.35	+ 0.09	41	39	- 8	NNE	3	o	2	52	38	-		
Scilly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plymouth ...	30.36	52	NNH	2	o	30.36	+ 0.02	49	47	- 1	NNH	2	c	*	54	48	-		
Hurst Castle ...	30.32	48	N	2	m	30.33	+ 0.10	?	?	?	NNE	3	bc	3	57	40	0.02		
Dover ...	30.30	45	NNH	1	bc	30.29	+ 0.07	40	37	- 2	NNH	5	o	2	47	39	0.01		
London ...	30.31	48	NNH	2	bc	30.33	+ 0.10	39	35	- 4	N	3	bc	*	57	38	-		
Oxford ...	...	...	...	...	...	30.37	+ 0.11	38	35	- 7	N	1	o	*	57	36	-
Cambridge ...	30.30	41	N	1	bc	30.34	+ 0.09	37	35	- 3	NNH	2	o	*	57	34	-		
Yarmouth ...	30.27	42	NNH	3	bc	30.24	+ 0.04	39	35	- 3	NNH	5	bc	4	45	34	0.02		
The Helder ...	...	...	...	...	...	30.10	+ 0.11	37	35	- 7	NNH	3	s	*	*	*	0.04
Cape Gris Nez ...	30.30	43	NE	1	bc	30.26	+ 0.05	41	37	0	N	5	o	4	48	39	0.04		
Jersey ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brest ...	30.46	?	NNH	3	o	30.41	- 0.06	50	48	+ 2	NNH	3	m	3	52	46	-		
L'Orient ...	30.42	50	NNH	3	o	30.37	- 0.10	48	48	0	NNH	3	o	3	54	46	-		
Rocheft ...	?	52	NNH	4	c	?	?	50	50	+ 2	NNH	3	o	3	55	39	-		
Biarritz ...	30.43	54	N	4	c	30.38	- 0.11	50	46	+ 9	NNH	3	o	3	?	37	-		
Corunna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brussels ...	...	...	...	...	...	30.18	+ 0.03	35	33	- 7	N	2	o	*	46	34	0.04
Charleville ...	...	...	...	...	...	30.11	+ 0.04	36	...	- 9	?	?	o	*	*	*	*
Paris ...	30.28	46	N	2	bc	30.23	- 0.01	40	38	- 6	NNH	2	o	*	*	*	-		
Lyons ...	...	...	...	...	...	30.26	- 0.06	46	...	- 8	N	2	o	*	*	*	*
Toulon ...	29.97	35	NNH	7	bc	29.97	- 0.17	46	39	0	NNH	6	c	7	57	46	-		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	39.91	36	33	NNH	8	ch	4	Valencia	30.45	54	57	N	3	o	3
Thurso	30.32	37	34	NNH	4	o	4	Scilly							
Scarborough ...	30.29	43	39	NNH	3	b	4	London	30.32	49	41	N	2	bc	*
Greencastle ...	30.35	45	42	N	1	o	*	Rocheft ...	?	52	52	NNH	4	c	3
Holyhead	30.34	47	46	NNH	3	o	2								

Pressure is increasing in all places except Valencia and readings have become very uniform. Wind is very light from N.

EXPLANATION OF COLUMNS.

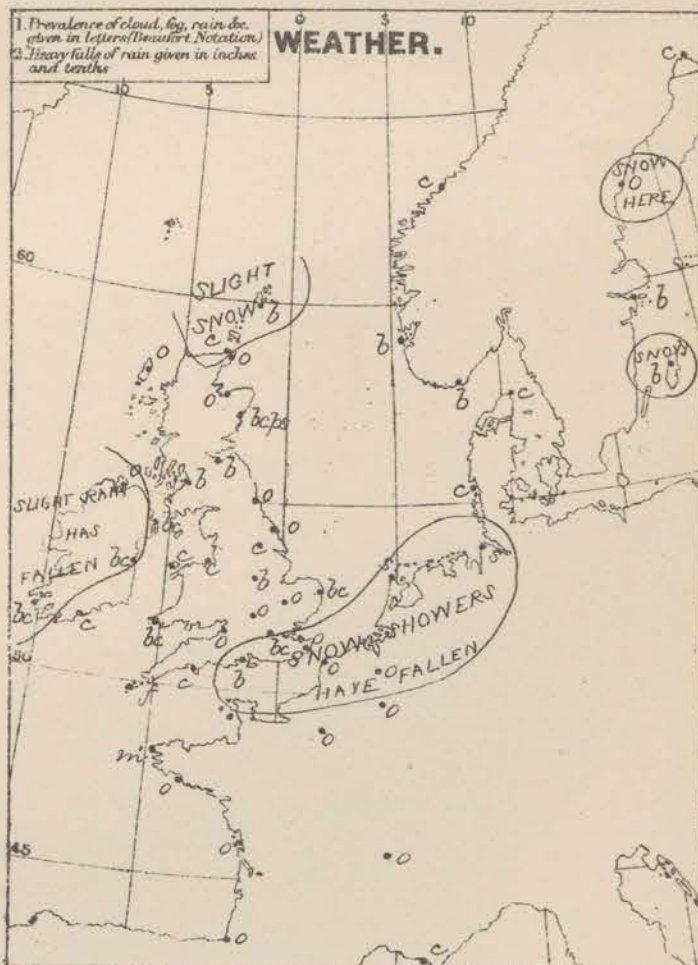
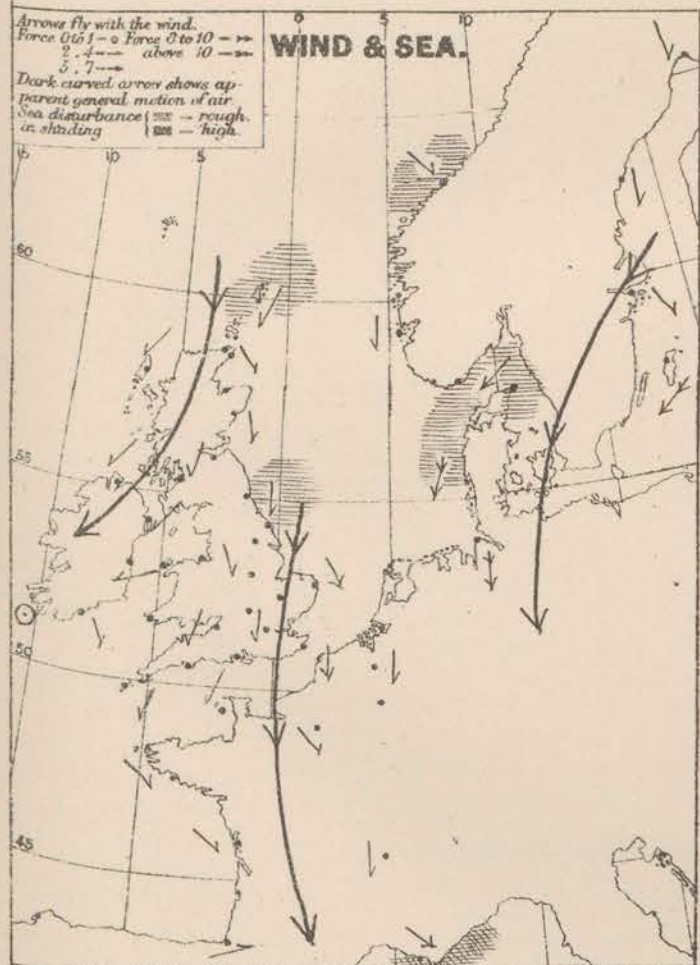
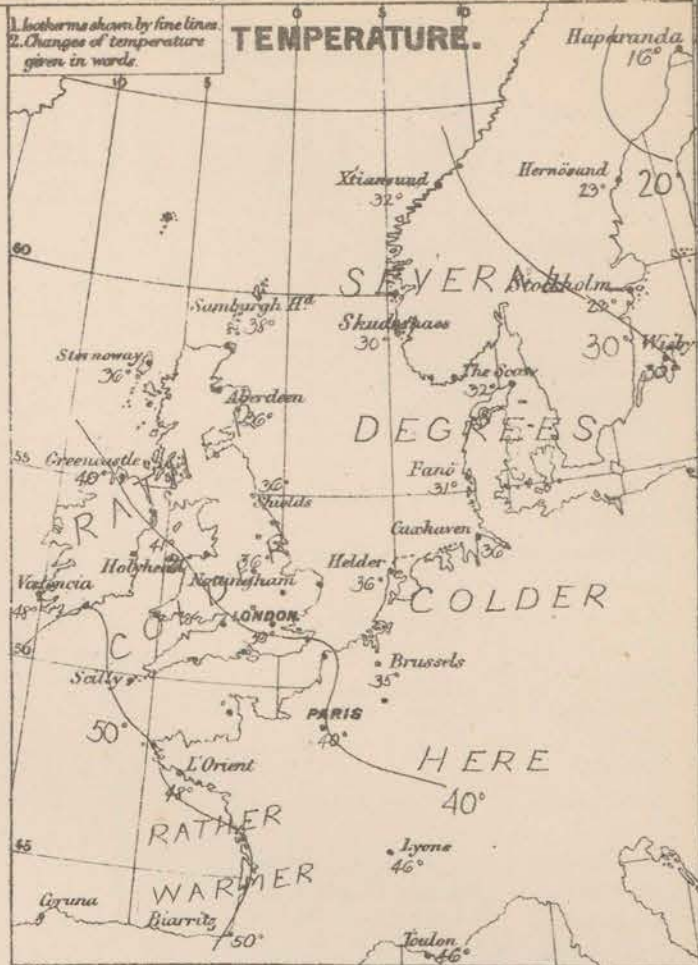
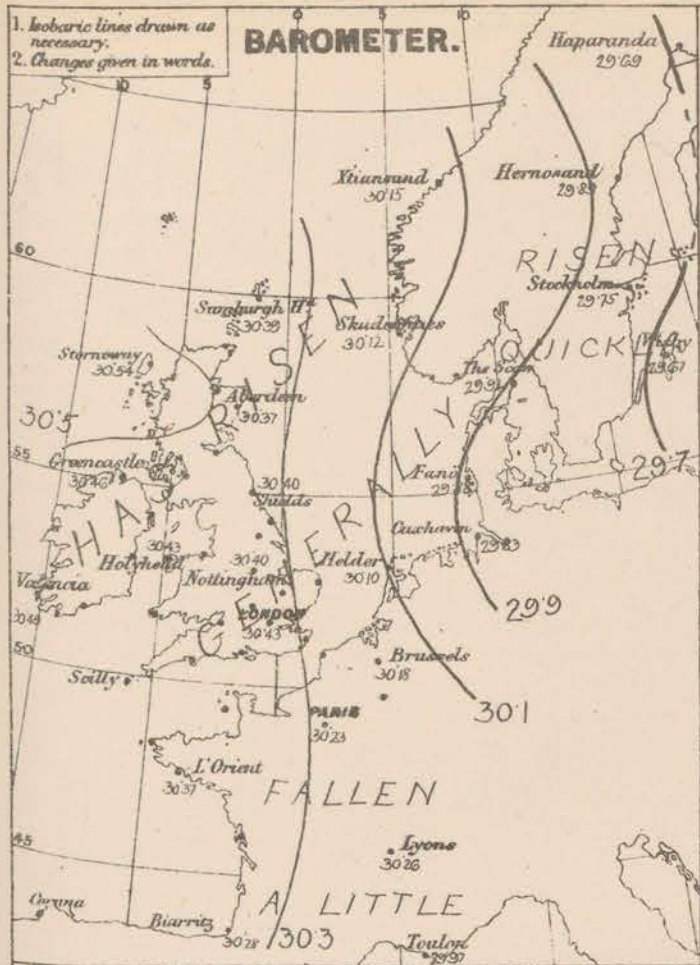
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unimpaired transparency w. dew.

* 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, 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 13TH MARCH 1873.*



REMARKS. Weather is clearest in the north of Scotland and over France and North Germany, but in most other places the sky is clear or moderately so, snow showers are reported at Aberdeen and a snow storm at Aachen and the Welder, while a few flakes fell at Yarmouth early this morning. The weather is generally very dry. Temperature has fallen in nearly all places, it varies from 33° to 39° over Scotland, from 39° to 50° over Ireland and from 36° to 49° over England. During last night the thermometer in the shade fell to 39° at Lumbung H., to 31° at Andover and 34° at Cambridge and Yarmouth, while in London the thermometer on the grass fell to 28° , and at Nottingham a sharp frost was experienced on the ground. Wind is N^W on all coasts, it is light or moderate in force over these Islands and France, but still blows a gale in North Germany and the Baltic. Sea is rather rough on the north east coast of England, moderate to slight elsewhere.

Barometrical Indications. Pressure is decreasing over France but increasing elsewhere - briskly in the north. The highest readings (30.5 in.) are now reported from the north west of Scotland, while the lowest are still shown over North Germany and the Baltic (29.67 in.)

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

MARCH 14th 1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.80	23	N	6	o	29.86	+ .17	22	22	+ 6	N	6	c	*	28	16	-		
Hernösand ...	29.99	28	N	6	δ	30.09	+ .20	22	19	- 1	N	4	δ	*	*	*	-		
Stockholm ...	29.89	24	N	4	o	30.01	+ .26	21	19	- 2	NNW	4	δ	*	*	*	0.04		
Wisby ...	29.84	29	NE	8	S	29.95	+ .28	30	28	o	NE	8	δ	*	*	*	-		
Christiansund ...	30.27	31	N	1	o	30.34	+ .19	32	32	o	SSW	3	o	4	34	21	0.12		
Skudesnaes ...	30.33	35	NNN	4	δ	30.34	+ .22	34	32	+ 4	N	2	δ	2	7	30	-		
Oxö (Xiansand) ...	30.19	36	NNN	4	δ	30.27	+ .28	32	28	+ 2	NNE	4	δ	2	39	28	-		
Skagen (The Seaw) ...	30.11	37	NE	6	δ	30.21	+ .30	34	32	+ 2	NE	6	e	5	41	28	-		
Fanö ...	30.19	34	NN	4	δ	30.26	+ .36	33	30	+ 2	N	2	δ	*	37	28	-		
Cuxhaven ...	30.13	37	NNE	5	c	30.25	+ .42	35	32	- 1	NNE	4	δ	*	37	34	-		
Sumburgh Head ...	30.51	39	NNE	2	δ	30.46	+ .07	37	35	- 1	NNE	2	c	3	44	35	0.02		
Stornoway ...	30.56	39	NE	2	δ	30.46	- .08	39	37	+ 3	NE	0	o	2	43	33	-		
Thurso ...	30.54	41	NE	0	o	30.47	+ .03	35	35	- 4	NE	0	o	3	49	33	-		
Wick ...	30.54	41	E	1	δ	30.47	+ .04	36	35	- 2	NNN	1	o	0	48	33	0.02		
Nairn ...	30.56	37	NE	0	δ	30.50	00	36	34	o	NE	0	c	1	45	35	-		
Aberdeen ...	30.53	42	N	2	δ	30.48	+ .11	34	32	- 2	N	1	δ	2	44	32	-		
Leith ...	30.52	41	E	3	δ	30.50	+ .06	37	35	+ 2	N	1	c	*	49	33	-		
Shields ...	30.52	41	NE	5	o	30.53	+ .13	35	33	- 1	NN	2	δ	5	44	31	-		
Scarborough ...	30.46	41	NNE	5	c	30.51	+ .19	39	37	o	NNN	2	δ	3	42	37	0.02		
York ...	30.50	40	N	3	δ	30.54	+ .16	35	33	- 1	N	1	δ	*	45	29	-		
Nottingham ...	30.48	41	NNE	3	δ	30.54	+ .14	34	32	- 2	NE	0	c	*	45	29	-		
Ardrossan ...	30.54	43	NN	2	δ	30.54	+ .06	35	32	+ 2	NE	2	δ	1	45	33	-		
Greencastle ...	30.53	42	ENE	2	δ	30.49	+ .03	38	36	- 2	SSW	1	c	*	45	32	-		
Donaghadee ...	30.57	38	WSW	2	δ	30.54	+ .06	37	36	- 2	WSW	2	δ	1	43	32	-		
Kingstown ...	30.57	43	E	4	δ	30.55	+ .09	38	35	- 4	S	2	c	2	44	37	-		
Holyhead ...	30.53	40	NE	2	δ	30.56	+ .13	35	35	- 6	S	1	δ	0	43	34	-		
Liverpool (Bidston) ...	30.51	42	N	1	δ	30.55	+ .10	37	34	o	NE	1	δ	1	45	34	-		
Valencia ...	30.47	51	NE	0	c	30.47	- .02	44	41	- 4	ESE	2	c	3	53	40	-		
Roche's Point... ..	30.57	46	ESE	3	c	30.50	+ .05	46	44	- 4	SSE	4	c	4	50	38	-		
Pembroke ...	30.49	42	NE	2	δ	30.55	+ .15	37	35	- 7	ENE	1	δ	2	48	35	-		
Portishead ...	30.45	42	NNE	4	δ	30.56	+ .21	32	31	- 9	NNE	1	δ	1	49	28	-		
Seilly ...	30.44	46	S	1	δ	30.55	+ .19	35	32	- 14	NE	1	δ	*	52	33	-		
Plymouth ...	30.44	44	NNE	4	δ	30.54	+ .21	34	32	?	NE	0	δ	1	47	29	-		
Hurst Castle ...	30.32	42	NNE	5	δ	30.48	+ .19	35	33	- 5	NNN	3	δ	3	43	33	0.03		
Dover ...	30.40	43	NNN	4	o	30.54	+ .21	30	29	- 9	NE	0	m	*	44	27	-		
London ...	30.55	37	N	3	δ	30.52	+ .18	32	31	- 6	N	1	δ	*	44	29	-		
Oxford ...	30.39	37	NE	7	δ	30.52	+ .18	32	31	- 5	NN	1	δ	*	46	27	-		
Cambridge ...	30.32	39	NE	7	δ	30.46	+ .22	39	38	o	NNN	3	c	4	43	34	0.04		
Yarmouth ...	30.32	39	NE	7	δ	30.46	+ .22	39	38	o	NNN	3	c	4	43	34	0.04		
The Helder ...	30.31	41	N	6	o	30.47	+ .21	39	36	- 2	N	3	δ	3	54	34	-		
Cape Gris Nez ...	30.43	54	NE	3	δ	30.50	+ .09	36	34	- 14	E	2	δ	3	54	34	-		
Jersey ...	30.50	46	NE	4	δ	30.50	+ .13	37	36	- 11	ENE	4	δ	3	54	34	-		
Brest ...	30.50	55	NNN	4	δ	30.42	?	37	36	- 13	NE	4	δ	3	55	?	-		
L'Orient ...	30.35	50	NNN	3	o	30.36	- .02	37	36	- 13	ENE	4	δ	3	54	34	-		
Rochefort ...	30.35	50	NNN	3	o	30.36	- .02	37	36	- 13	ENE	4	δ	3	54	34	-		
Biarritz ...	30.35	50	NNN	3	o	30.36	- .02	37	36	- 13	ENE	4	δ	3	54	34	-		
Corunna ...	30.41	34	N	1	c	30.41	+ .23	34	32	- 1	N	1	c	*	42	32	0.12		
Brussels ...	30.34	33	NN	3	o	30.34	+ .23	33	32	- 3	NN	3	o	*	*	*	*		
Charleville ...	30.45	35	NE	3	δ	30.45	+ .22	35	32	- 5	NE	3	δ	*	*	*	*		
Paris ...	30.35	41	NN	4	δ	30.35	+ .09	41	37	- 5	NN	4	δ	*	*	*	*		
Lyons ...	30.35	41	NN	4	δ	30.35	+ .09	41	37	- 5	NN	4	δ	*	*	*	*		
Toulon ...	29.85	46	NN	10	δ	30.09	+ .12	37	32	- 9	N	3	δ	5	54	?	-		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.28	38	35	NNN	6	δ	2	Valencia	30.49	51	49	N	1	0	2
Thurso	30.52	47	43	NNN	2	c	4	Seilly							
Scarborough ...	30.38	41	37	NNE	7	c	6	London	30.38	42	35	NNN	3	0	*
Greencastle ...	30.52	44	40	ENE	2	δ	*	Rochefort ...	52	50	NN	5	0	4	
Holyhead	30.52	41	40	NNE	4	δ	3								

Pressure is increasing at all stations except Valencia. Wind is NE, it blew strongly at Scarborough but remains light elsewhere.

EXPLANATION OF COLUMNS.

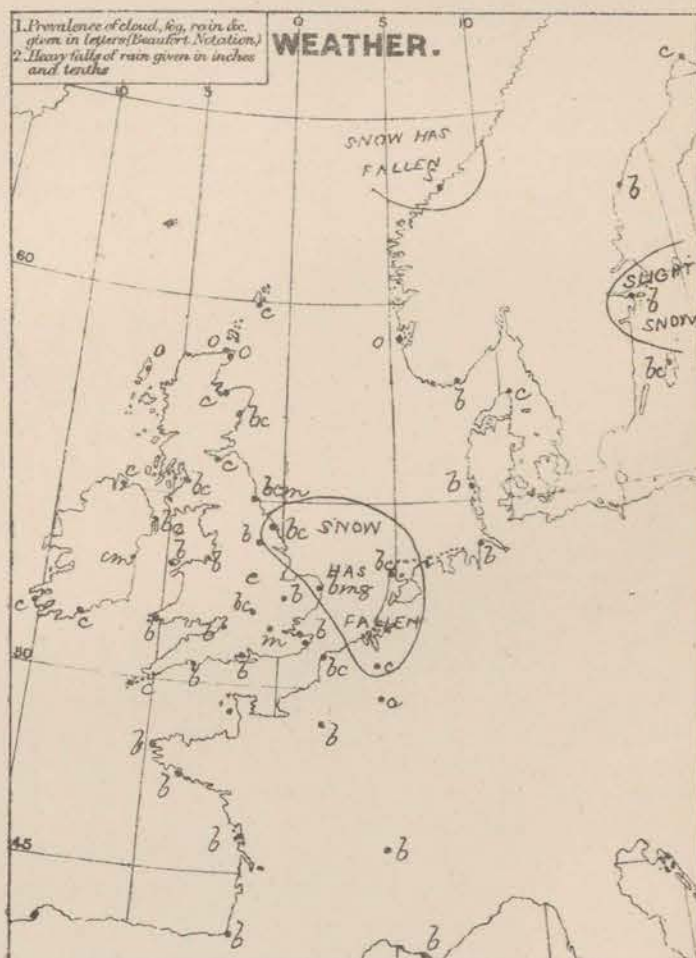
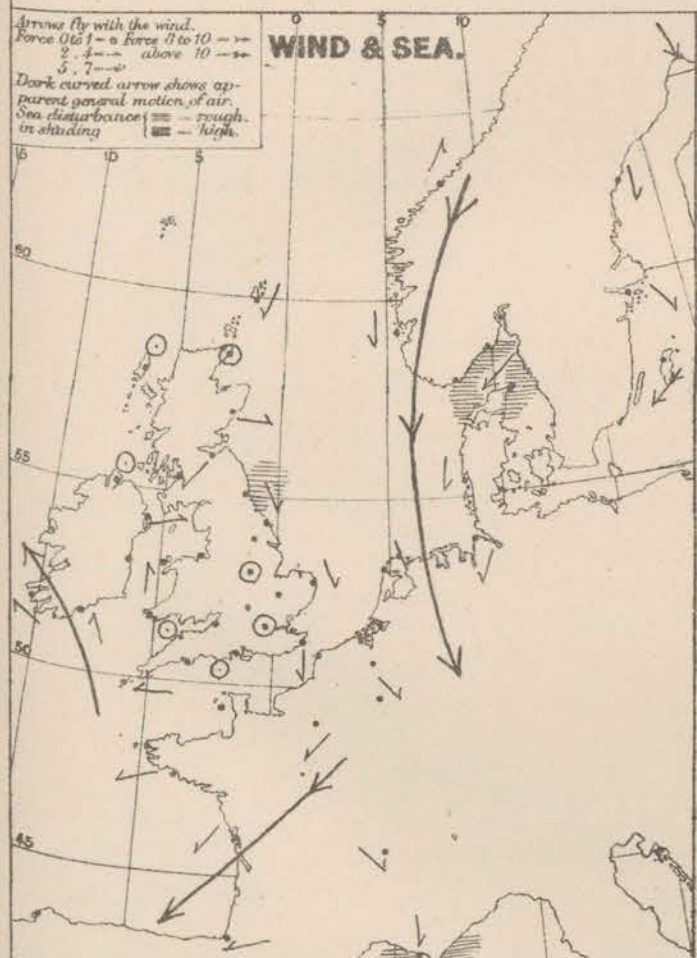
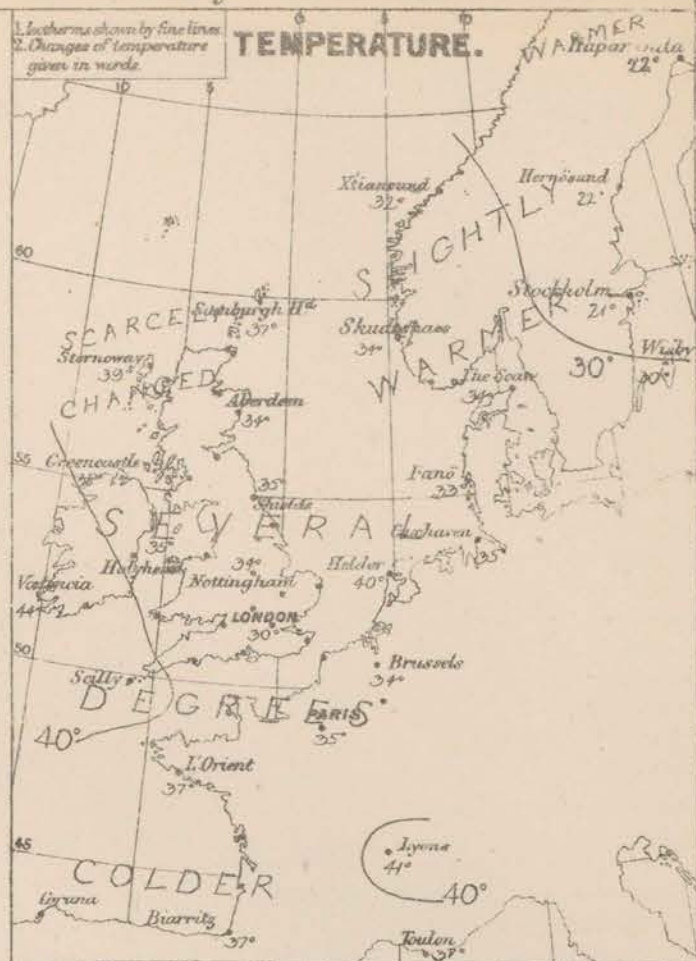
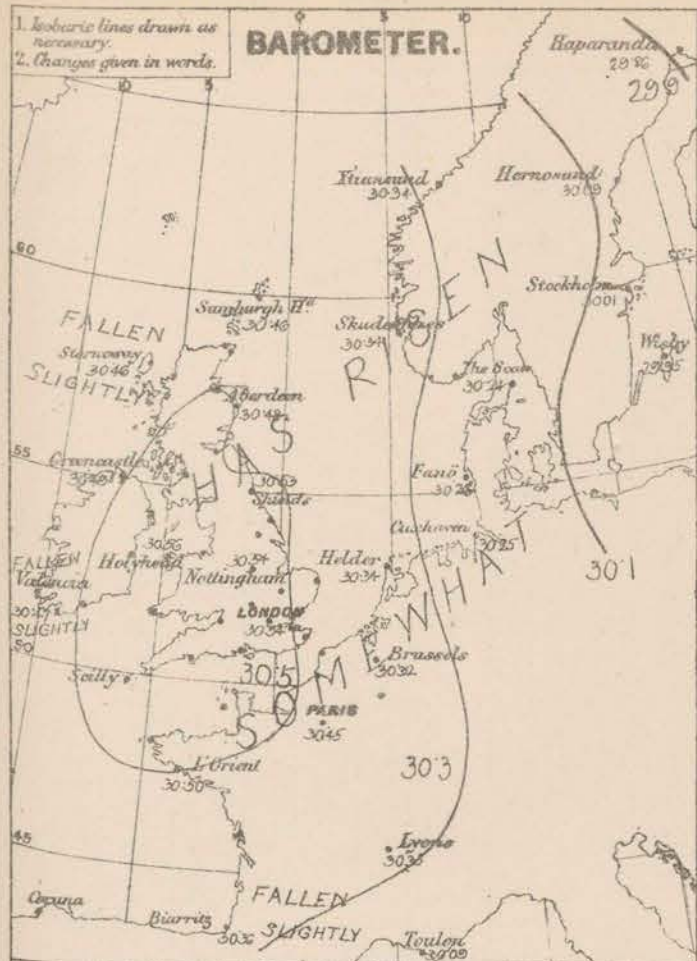
WEATHER.--Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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. in 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 *Thursday* 14th MARCH 1878



REMARKS. Weather is overcast in the north of Scotland and cloudy over Ireland, but in all other places the sky is clear or nearly so slight mist is reported in the east and south east; weather remains very dry. Temperature has risen slightly on the eastern shores of the North Sea but has fallen elsewhere, several degrees over France and the south of England; it varies from 34° to 39° over Scotland, from 37° to 46° over Ireland and from 30° to 41° over England and France; the lowest reading over Western Europe this morning is reported at London (30°). A sharp frost was experienced over Central England last night, the thermometer on the gale in London falling to 17° and that in the shade to 27° . Wind is fresh from N. over Denmark and Sweden, moderate from E. over France, but on our coasts light and variable air prevails. Sea is moderate to smooth except at Shields.

Barometrical Indications. Pressure is decreasing slightly on our western and northern coasts, but is increasing in all other places; it is high and very uniform (30.5 ins.) over these Islands but slight gradients exist over the North Sea (trialy 29.95 ins.).

DAILY WEATHER REPORT

MARCH 15th 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 320 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 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	30.12	21	N	6	δ	30.34	+ .48	16	15	- 6	NN	2	δ	*	27	14	-	
Hernösand	30.25	23	N	2	δ	30.46	+ .37	18	16	- 4	N	4	c	*	*	*	-	
Stockholm	30.11	23	N	2	o	30.21	+ .20	24	23	+ 3	NNH	4	s	*	*	*	-	
Wisby	30.01	30	NNE	8	o	30.13	+ .18	29	28	- 1	NNE	8	o	*	*	*	-	
Christiansund	30.43	31	SW	3	δ	30.57	+ .17	32	31	o	S	2	c	3	36	25	0.20	
Skudesnaes	30.35	43	NE	2	δ	30.47	+ .13	33	30	- 1	ENE	2	δ	1	39	?	-	
Oxö (Xiansand)	30.30	36	NNH	2	o	30.45	+ .18	30	27	- 2	N	4	bc	2	37	27	-	
Skagen (The Sea)	30.28	36	NE	5	o	30.40	+ .19	30	28	- 4	ENE	5	δ	4	37	27	-	
Fanö	30.32	30	N	2	δ	30.35	+ .09	31	30	- 2	N	4	c	*	37	28	-	
Cuxhaven	30.30	37	NR	2	δ	30.35	+ .10	34	32	- 1	NE	2	c	*	?	30	-	
Sumburgh Head	30.44	40	Z	o	c	30.53	+ .07	39	37	+ 2	Z	o	o	2	41	35	-	
Stornoway	30.43	43	WSH	1	f	30.41	- .05	42	41	+ 3	S	1	og	3	46	36	-	
Thurso	30.43	42	Z	o	f	30.51	+ .04	39	39	+ 4	S	1	og	3	47	34	0.02	
Wick	30.44	42	NN	1	o	30.50	+ .03	34	33	- 2	Z	o	δ	0	47	31	-	
Nairn	30.42	43	Z	o	c	30.52	+ .02	39	37	- 3	Z	o	bc	1	46	36	-	
Aberdeen	30.45	43	NNE	1	bc	30.53	+ .05	37	36	+ 3	NNH	1	c	1	47	44	-	
Leith	30.40	43	Z	o	c	30.50	.00	35	34	- 2	N	1	bc	*	45	29	-	
Shields	30.45	42	NE	2	c	30.50	- .03	37	36	+ 2	N	2	c	3	46	33	0.02	
Scarborough	30.43	42	NNH	2	o	30.47	- .04	41	39	+ 2	ENE	2	o	3	44	39	0.04	
York	30.45	42	NN	1	bc	30.49	- .08	37	36	+ 2	NNH	1	o	*	46	33	-	
Nottingham	30.45	41	NN	1	bc	30.48	- .06	39	38	+ 5	N	2	c	*	49	34	-	
Ardrossan	30.45	43	Z	o	c	30.51	- .03	35	33	o	NE	1	bf	0	46	32	-	
Greencastle	30.42	44	N	1	c	30.47	- .02	39	38	+ 1	SSH	1	δ	*	49	32	-	
Donaghadee	30.45	42	SSH	1	c	30.57	- .03	40	39	+ 3	ESE	1	δ	0	46	35	-	
Kingsdown	30.46	45	SSE	3	bc	30.49	- .08	39	38	+ 1	Z	o	cf	1	47	37	-	
Holyhead	30.48	44	SSH	2	c	30.49	- .07	37	37	+ 2	SSE	1	δ	0	46	35	-	
Liverpool (Bidston)	30.47	40	NN	1	c	30.50	- .05	36	35	- 1	NE	1	f	1	43	35	-	
Valencia	30.41	48	SSE	4	sm	30.44	- .03	44	40	o	ESE	3	o	3	51	42	-	
Roche's Point	30.45	46	SSE	4	c	30.45	- .05	41	38	- 5	E	2	bc	3	49	36	-	
Pembroke	30.49	42	Z	o	δ	30.47	- .08	36	35	- 1	NE	1	δ	3	45	34	-	
Portishead	30.46	42	WSH	3	c	30.45	- .11	34	33	+ 2	ENE	2	δ	1	49	28	-	
Seilly																		
Plymouth	30.48	42	δ	1	δ	30.45	- .10	32	31	- 3	NN	1	bf	*	48	30	-	
Hurst Castle	30.45	45	N	3	c	30.42	- .12	36	35	+ 2	N	3	bc	3	48	31	-	
Dover	30.41	42	NNE	4	δ	30.36	- .12	38	36	+ 3	NNE	4	og	3	45	35	0.03	
London	30.43	45	N	1	bc	30.42	- .12	38	37	+ 8	NNE	3	o	*	48	30	-	
Oxford						30.45	- .10	36	35	+ 4	N	1	o	*	48	32	-	
Cambridge	30.45	40	NN	1	o	30.41	- .10	37	36	+ 5	N	1	op	*	50	30	7	
Yarmouth	30.38	40	NNH	3	og	30.39	- .07	39	36	o	NE	4	bc	4	43	35	0.12	
The Helder						30.37	+ .03	36	33	- 4	NE	2	bc	*	*	*	0.04	
Cape Girin Nez	30.41	37	N	2	f	30.34	- .13	41	37	+ 2	NE	4	c	4	45	37	-	
Jersey																		
Brest	30.46	?	N	1	δ	30.41	- .09	34	32	- 2	E	2	δ	3	50	32	-	
L'Orient	30.44	43	E	2	δ	30.41	- .09	37	36	o	ENE	3	δ	3	48	32	-	
Rochefort	30.38	48	E	4	bc	30.33	- .09	36	34	- 1	ENE	3	δ	3	50	30	-	
Biarritz	30.29	52	ENE	3	δ	30.25	- .11	34	30	- 3	ENE	4	δ	3	54	30	-	
Corunna																		
Brussels						30.33	- .08	34	32	o	NE	1	o	*	43	33	0.04	
Charleville						30.24	- .10	33		o	NE	3	c	*	*	*	*	
Paris	30.38	42	NNH	4	o	30.31	- .14	38	35	+ 3	NNE	3	o	*	*	*	-	
Lyons						30.28	- .07	42		+ 1	N	4	c	*	*	*	*	
Toulon	30.09	43	N	4	δ	30.07	- .02	39	36	+ 2	N	1	o	3	52	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.30	39	33	NNH	2	δ	2	Valencia	30.42	50	45	SSE	4	o	4
Thurso	30.43	44	42	Z	0	sm	3	Seilly							
Scarborough ...	30.45	43	39	N	2	o	3	London	30.47	46	39	NNH	2	c	*
Greencastle ...	30.44	47	44	S	1	o	*	Rochefort ...	30.39	50	45	ENE	4	bc	3
Holyhead	30.52	44	43	SSH	2	c	1								

No important change.

EXPLANATION OF COLUMNS.

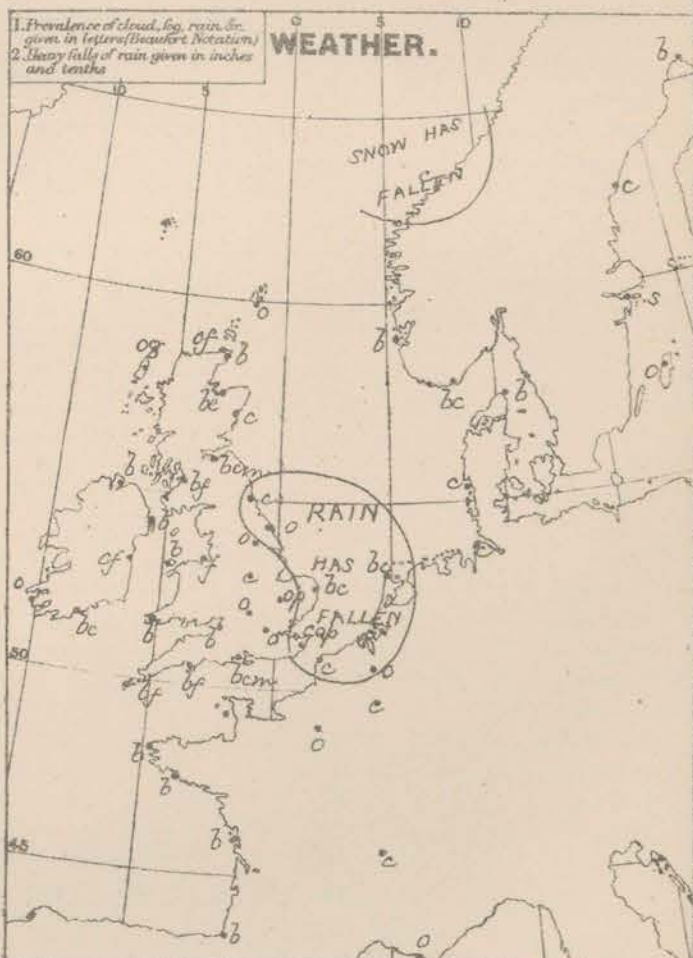
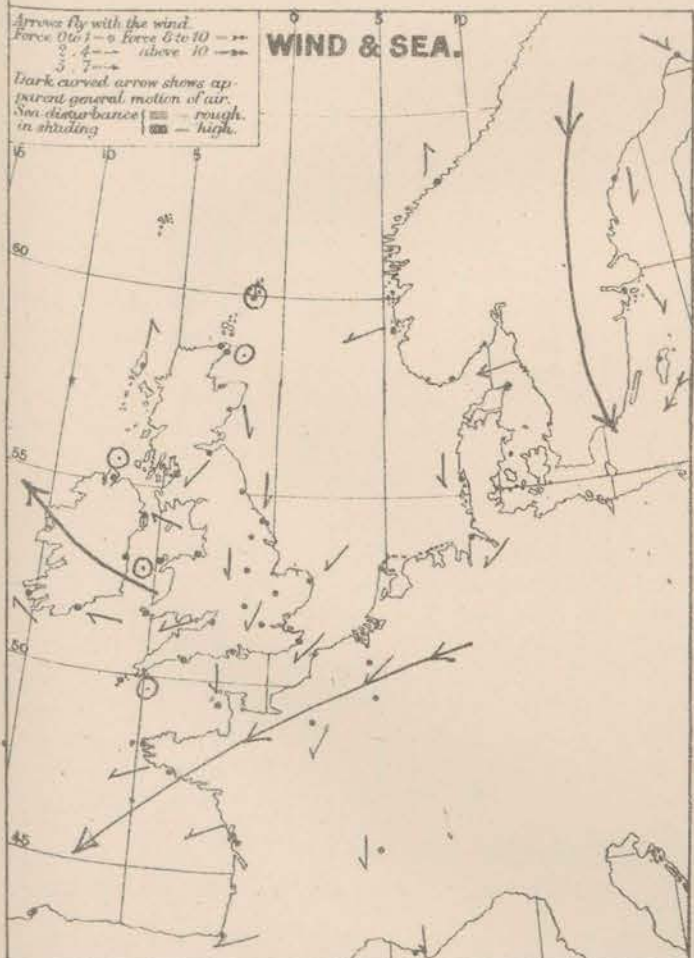
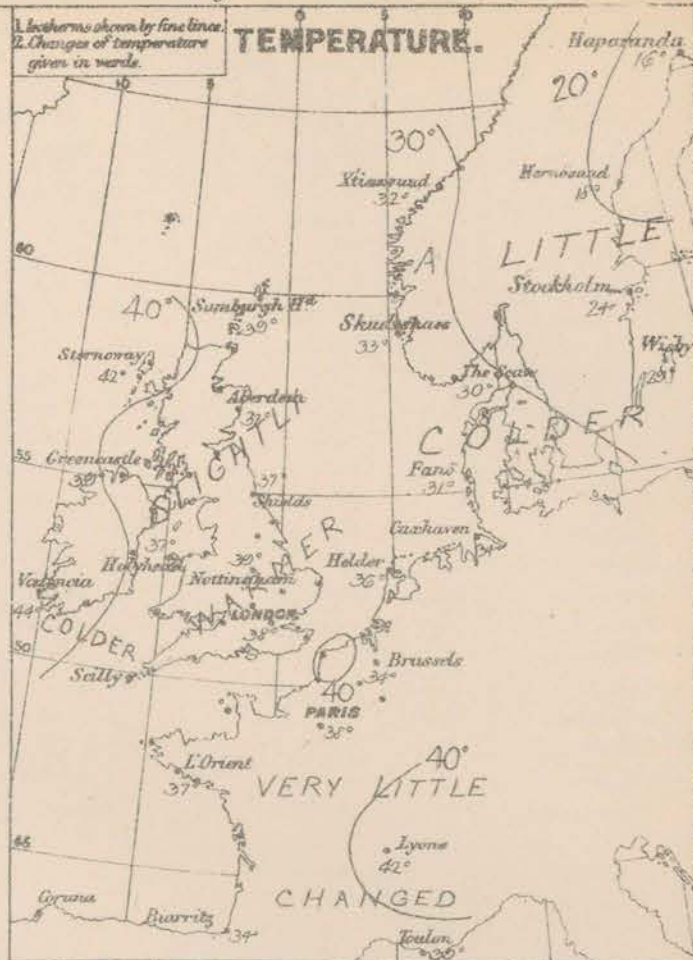
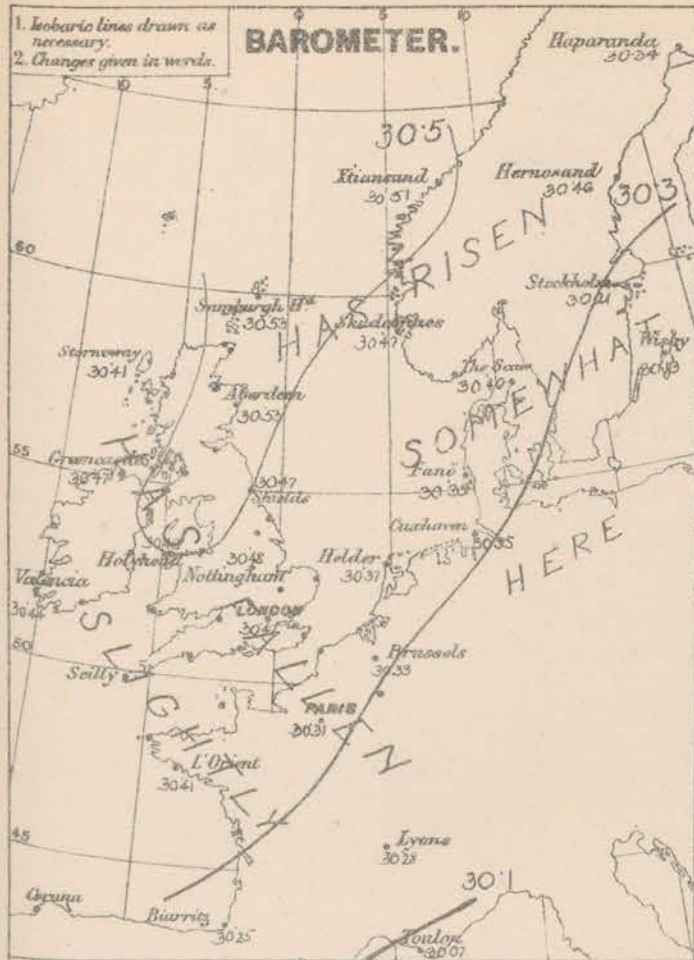
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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† The evening observations are taken at 6 p.m. in our Islands, 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 Friday 15th MARCH 1876



REMARKS. Weather is overcast or cloudy over north Germany, the east of England and the east of France as well as in the north of Scotland but elsewhere the sky is clear or nearly so; some fog and mist is reported in different parts of the country and at Cambridge and Dover slight showers of rain. A little rain has fallen on our east coast and in the Netherlands but in all other places the weather has been quite dry. Thunder was heard at Valentia last night - a comet was seen in Norway and a lunar halo at Cambridge. Temperatures has risen slightly in the east and north of these Islands, fallen in most other places; it varies from 34° to 42° over Scotland, from 39° to 44° over Ireland and from 32° to 41° over England; it is very low in the south west, Plymouth being only 32° and Brixia 34° ; during last night the thermometer in the shade in London fell to 36° and that on the grass to 25° . Moon is very bright and variable in the north, but moderate from NE to E in the south. Sea is slight.

Barometrical Indications. Pressure is decreasing over France and the south of England, increasing in the north and over Scandinavia; it is very uniform over these Islands.

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.

Secret

DAILY WEATHER REPORT

MARCH 16th 1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.		
	Barom. (32° at Sea Level.)	Temp. in shade.	WIND.		Weather.	Reading at 32° at Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (1 to 12.)				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (1 to 12.)			Max.	Min.			
Haparanda ...	30.32	?	NW	2	bc	30.12	- .22	26	26	+ 10	S	2	S	*	27	14	-		
Hernösand ...	30.47	17	Z	0	bc	30.26	- .20	?	31	?	NW	2	?	*	*	*	-		
Stockholm ...	30.37	24	N	6	o	30.32	+ .11	21	19	- 3	N	2	o	*	*	*	0.04		
Wisby ...	30.23	29	NNE	8	S	30.30	+ .17	28	28	- 1	NNE	6	S	*	*	*	0.12		
Christiansund ...	30.55	30	SW	1	bc	30.47	- .04	37	35	+ 5	SW	4	o	4	37	25	0.04		
Skudesnaes ...	30.58	30	Z	0	bc	30.57	+ .10	32	30	- 1	ENE	2	c	2	37	30	-		
Oxö (Xtiansand) ...	30.56	32	ENE	2	bc	30.57	+ .06	27	26	- 3	N	1	bc	2	34	23	-		
Skagen (The Sæw) ...	30.54	30	Z	0	bc	30.49	+ .09	35	33	+ 5	NW	2	o	2	36	23	-		
Fano ...	30.54	28	NE	4	c	30.57	+ .22	28	26	- 3	N	1	c	*	34	25	-		
Cuxhaven ...	30.42	?	E	2	c	30.54	+ .19	32	31	- 2	NE	2	bc	*	34	30	-		
Sumburgh Head ...	30.58	42	Z	0	bc	30.53	0.00	42	41	+ 3	N	2	c	2	44	36	-		
Stornoway ...	30.55	43	WSW	1	bc	30.64	+ .23	43	42	+ 1	SW	3	o	3	46	36	0.01		
Thurso ...	30.56	45	E	2	o	30.60	+ .09	39	38	0	S	1	om	2	42	35	-		
Wick ...	30.59	43	NNE	2	o	30.61	+ .11	41	40	+ 7	S	1	bc	0	49	32	-		
Nairn ...	30.58	45	Z	0	bc	30.64	+ .12	30	28	- 9	Z	0	bm	0	48	30	-		
Aberdeen ...	30.60	43	NE	1	o	30.65	+ .12	33	32	- 4	SW	1	bc	1	44	33	-		
Leith ...	30.57	42	E	2	c	30.63	+ .13	40	38	+ 5	Z	0	o	*	46	34	-		
Shields ...	30.57	41	ENE	3	o	30.68	+ .18	38	36	+ 1	NW	1	of	3	44	36	0.04		
Scarborough ...	30.54	38	ENE	4	r	30.68	+ .21	42	37	+ 1	ENE	1	bc	2	43	37	0.04		
York ...	30.55	42	NNE	1	o	30.68	+ .19	35	33	- 2	NNE	1	c	*	47	31	0.01		
Nottingham ...	30.51	41	NNE	2	o	30.49	+ .21	37	34	- 2	N	3	o	*	46	33	-		
Ardrossan ...	30.57	43	NE	2	of	30.66	+ .15	40	38	+ 5	ENE	1	of	0	37	35	-		
Greencastle ...	30.54	49	SE	1	bc	30.63	+ .16	37	36	- 2	N	1	bc	*	34	31	-		
Donaghadee ...	30.58	44	E	3	c	30.68	+ .17	41	39	+ 1	ESE	3	c	2	48	39	-		
Kingstown ...	30.55	45	E	3	bc	30.67	+ .18	43	40	+ 4	SSE	1	of	1	46	39	-		
Holyhead ...	30.55	43	NE	2	bc	30.67	+ .18	41	39	+ 4	E	2	o	1	48	37	-		
Liverpool (Bidston) ...	30.56	42	NE	1	o	30.68	+ .18	38	34	+ 2	ENE	1	m	1	46	36	-		
Valencia ...	30.50	48	SSE	2	bm	30.63	+ .19	39	38	- 5	Z	0	bm	1	51	34	-		
Roche's Point ...	30.53	45	ESE	3	bc	30.63	+ .18	38	36	- 3	NE	3	bm	3	49	36	-		
Pembroke ...	30.52	45	N	1	c	30.65	+ .18	40	38	- 4	S	1	bc	2	47	36	-		
Portishead ...	30.49	42	ENE	4	o	30.63	+ .18	37	35	+ 3	NE	5	c	4	50	31	-		
Scilly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plymouth ...	30.47	45	NE	3	bc	30.61	+ .16	38	35	+ 6	NE	3	bc	*	50	32	-		
Hurst Castle ...	30.44	44	NE	4	cg	30.59	+ .17	40	38	+ 4	ENE	5	bc	3	47	31	-		
Dover ...	30.47	38	NNE	4	bc	30.59	+ .23	37	34	- 1	NE	5	cg/bc	4	42	34	0.06		
London ...	30.50	40	NE	2	c	30.63	+ .21	36	32	- 2	NE	3	o	*	46	28	-		
Oxford ...	*	*	*	*	*	30.65	+ .20	35	33	- 1	NE	1	o	*	44	34	-		
Cambridge ...	30.51	39	NE	1	o	30.66	+ .24	36	33	- 1	NE	1	o	*	44	33	-		
Yarmouth ...	30.49	39	ENE	2	bc	30.63	+ .24	37	33	- 2	ENE	3	bc	3	41	34	-		
The Helder ...	*	*	*	*	*	30.58	+ .21	35	32	- 1	NE	1	bc	*	*	*	-		
Cape Gris Nez ...	30.43	37	ENE	5	bc	30.58	+ .24	32	30	- 9	E	2	o	1	43	30	-		
Jersey ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brest ...	30.45	52	ENE	4	bc	30.55	+ .14	39	36	+ 5	E	2	o	3	52	26	-		
L'Orient ...	30.40	43	NE	4	c	30.55	+ .14	34	32	- 3	NE	4	bc	3	52	32	-		
Rochefort ...	30.29	52	NNE	3	c	30.39	+ .06	32	30	- 4	NE	6	bc	3	52	30	-		
Biarritz ...	30.24	50	NNE	4	bc	30.27	+ .02	36	34	+ 2	ENE	3	o	3	52	30	-		
Corunna ...	*	*	*	*	*	...	...	...	...	...	...	...	...	...	*	*	*
Brussels ...	*	*	*	*	*	30.58	+ .25	28	28	- 6	ENE	1	o	*	29	28	0.04		
Charleville ...	*	*	*	*	*	30.45	+ .21	31	*	- 2	NE	3	bc	*	*	*	*		
Paris ...	30.34	36	NE	3	bc	30.51	+ .20	33	30	- 5	NE	4	bc	*	*	*	-		
Lyons ...	*	*	*	*	*	30.31	+ .03	34	*	- 8	N	6	c	*	*	*	*		
Toulon ...	30.07	39	SE	2	bc	30.08	+ .01	36	32	- 3	E	6	bc	5	45	?	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.56	37	32	SE	2	bc	2	Valencia ...	30.48	51	44	SSE	2	bc/m	3
Thurso	30.52	45	45	ENE	2	o	3	Scilly							
Scarborough ...	30.51	41	38	NNE	2	o	3	London	30.43	43	37	NE	2	c	*
Greencastle ...	30.51	51	46	S	1	bc	*	Rochefort ...	30.30	48	43	NE	4	bc	3
Holyhead	30.52	46	45	NE	4	bc	3								

No important changes.

EXPLANATION OF COLUMNS.

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

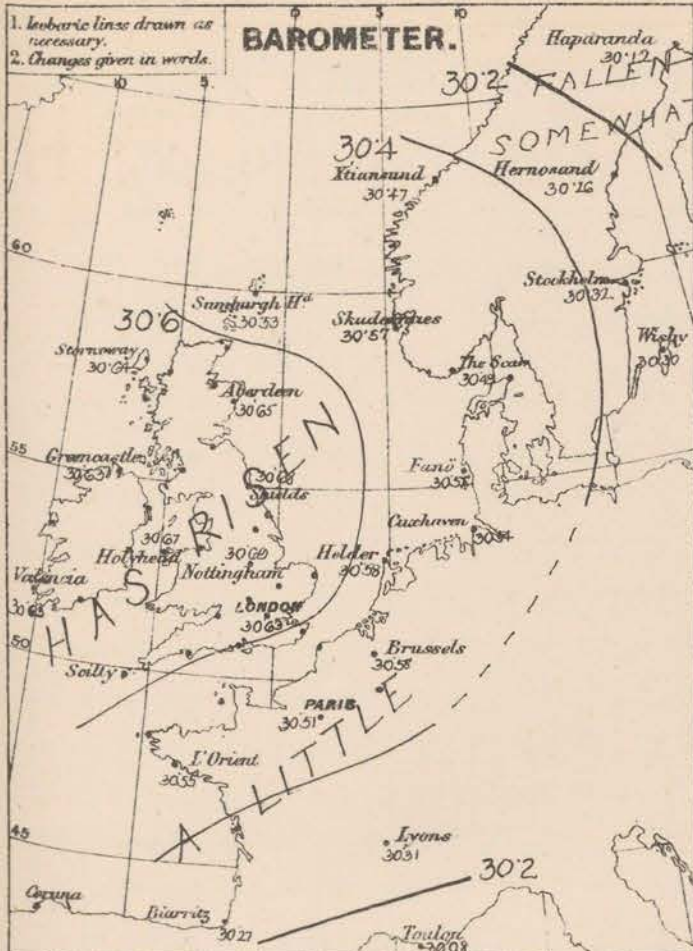
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Saturday 16th MARCH 1873.

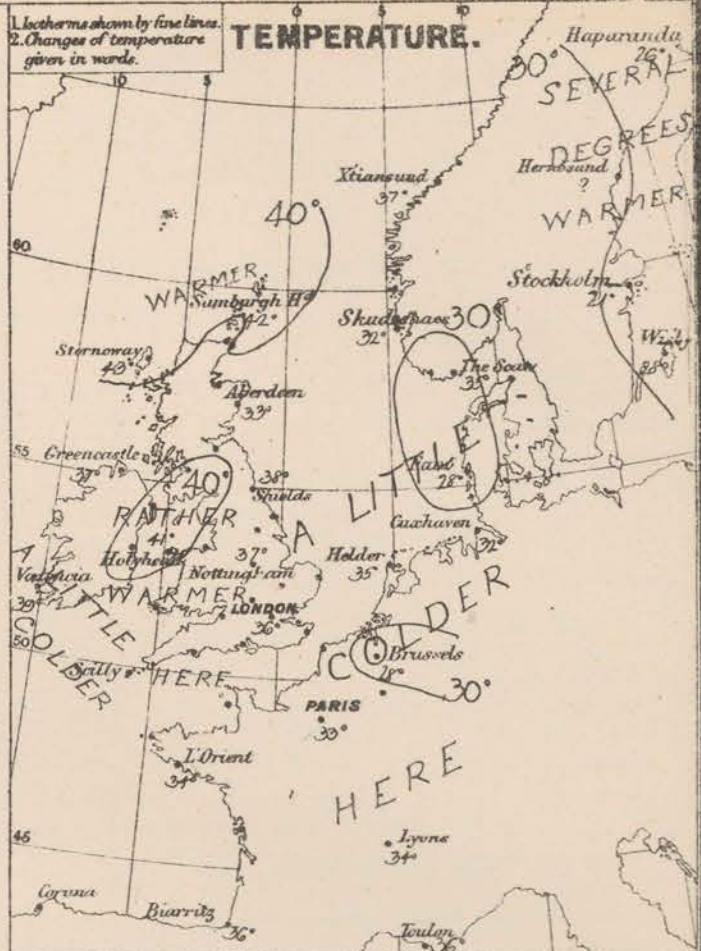
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



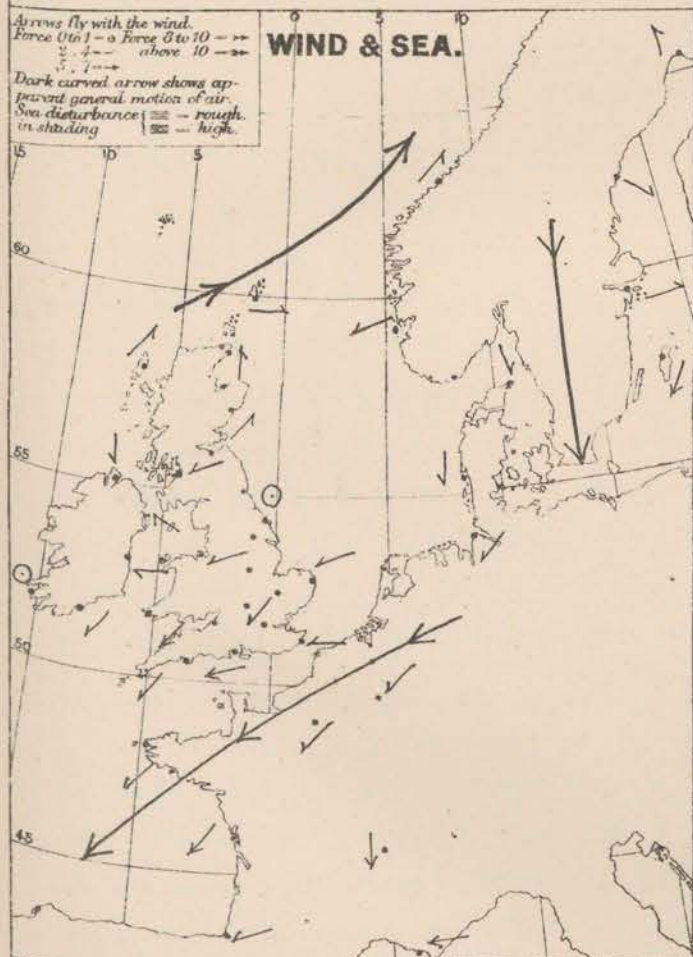
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



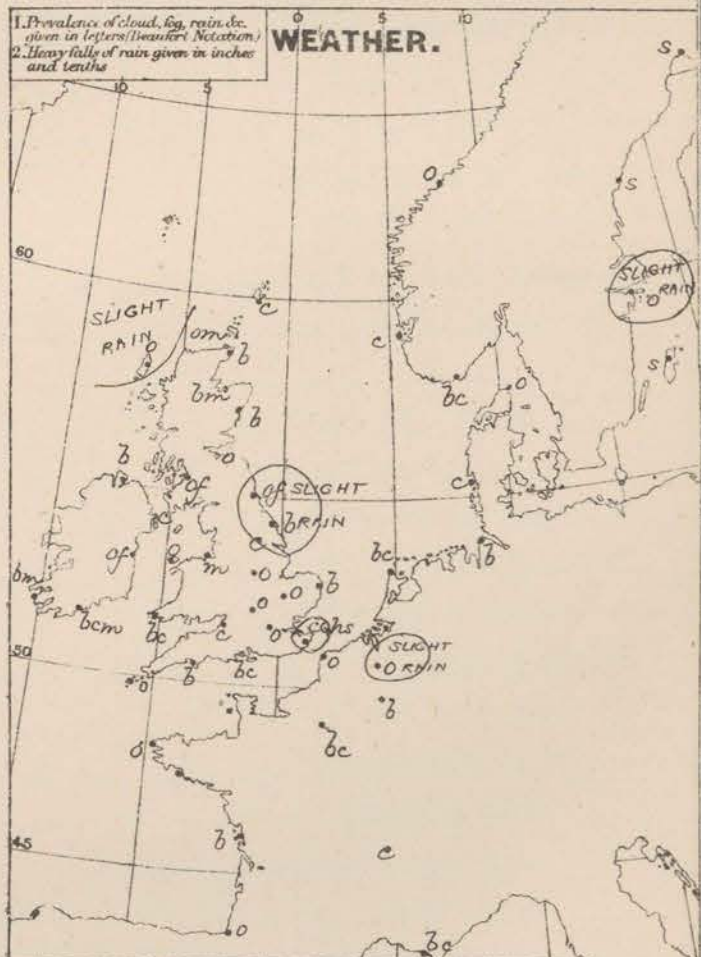
1. Arrows fly with the wind. Force 0 to 1 - a force 3 to 10 - above 10 -
2. Dark curved arrow shows apparent general motion of air.
3. Sea disturbance: rough in shading, high in solid.

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. Weather is clear in the east and north east as well as at some of our south western stations but is overcast or cloudy in most other places; fog prevails at Anderson and Shields, mist in the south of Ireland. Very slight rain and snow have fallen on our east coast, but elsewhere the weather has been quite dry. Temperature has risen in the south west and west of England and the south of Scotland but fallen in most other places; it varies from 30° to 41° in Scotland, from 37° to 43° in Ireland and from 35° to 42° in England. In France and the Netherlands the temperature is very low, Brussels being only 28° and Rochefort 32°. During last night the thermometers fell to 31° at Portsmouth and Hurst Castle, to 30° in the west of France and to 28° in London; the thermometer on the grass in London fell to 16° and at Valenciennes frost is reported. Wind is light and variable in the north but a moderate E. to NE. breeze is blowing in the south. Sea is slight or smooth except in the Channel.

Barometrical Indications. Pressure is decreasing slightly over Scandinavia but is increasing in all other places. It is high (30.60 in.) and very uniform over the British Isles but decreases to 30.27 in. in the south west of France and to 30.12 in. in the north of Sweden.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 2/- per quarter, book post 3/- per quarter.

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

R. H. SCOTT.
Secretary.

SUMMARY OF WEATHER IN WESTERN EUROPE

from MARCH 10th to MARCH 16th 1878.

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

The weather during the early portion of this week partook largely of the character of the weather in the preceding period, though the conditions were not so strongly marked. Readings were highest off our SW coast and over the Bay of Biscay, while depressions passed from NW to SE, across Norway, Denmark and Sweden, causing NW winds strong to a gale, on many parts of our coast, with unsettled weather. By Wednesday the last of these disturbances had disappeared over the Baltic and pressure became high and uniform over these Islands with light to moderate N winds and fine weather, and from this time until Saturday, a similar state of affairs prevailed. Temperature which up to the middle of the week had been about the average for the time of year, fell quickly towards its close, and on Thursday, Friday and Saturday frost was experienced in different places, while slight snow showers occurred in the E.

MARCH 10th A large but not very deep depression had advanced to our NW coast during the night, and had caused a brisk fall of the barometer at the Scotch stations; at 8 am. it was apparently passing away eastward in the North Sea and a recovery in pressure was in progress at all the NW ports. Wind was NW in the N, but was SW to SE on our east coast and over the North Sea; it was generally light or moderate in force but blew freshly in the Shetlands and strongly in the N of Norway. Temperature had fallen several degrees in Sweden and slightly in Ireland, but had risen elsewhere. It varied from 48° in the SW, to 39° at Kairn and 36° at the Elder. Weather was moderately fine in the N. and N. dull and rainy in the east and south. In the evening the barometer was rising everywhere, with a NW wind and fine weather.

MARCH 11th An area of low pressure still lay to the NW of these Islands and the barometer was still falling over Scandinavia and on the eastern shores of the North Sea, over the British Isles and France, however, it was rising and readings now varied from 30.5 in. at Brest to 29.3 in. at Chertansund. Wind was NW on our coast but blew into SW over Sweden and Norway, and into NW or N. over France, it was fresh at many of our stations. Temperature had risen except on the shores of the Bay of Biscay, it varied from 48° in the SW, to 38° in the Shetlands and 42° in the Netherlands. Weather was cloudy or dull except in the N. of France. During the day the depression advanced from the NW coast of Norway SE^{ward} towards the Baltic causing the barometer to fall in most places, while the wind veered towards NW and increased to the force of a gale on our NW coast.

MARCH 12th The depression was disappearing over the Baltic its centre lying apparently a little to the eastward of the Isle of Gotland, the barometer had fallen briskly in that neighbourhood, while an independent but much slighter decrease had occurred over France and over S. coast. Elsewhere the mercury was rising briskly. Readings varied from 30.47 in. at Brest to 29.19 in. at Wiby. Wind was NE in Sweden but was N to NW in all other places. It was strong to a gale on the eastern shores of the North Sea, moderate or fresh on our coast. Temperature had fallen considerably in the N. of England and S. of Scotland, and slightly over the greater part of Western Europe, it varied from 50° in the SW, to 33° at Androsan and 41° at Biarritz. Weather was cloudy or dull except in the NE, and showers of rain were reported in the Channel. Later reports showed a further rise of the barometer except in the S. of France, gradient, however, decreased and the wind fell lighter.

MARCH 13th The mercury was still decreasing over France, but in all other places it was rising, the increase varying from 0.05 in: at Valentia to 0.48 in: at Uist. Wind remained N^W, and while still light on our coasts continued to blow a gale in N. Germany. Temperature had fallen generally - several degrees in Norway and Denmark, it varied from 50° at Cork, to 36° on our N.E. coast and 16° at Haparanda. Sky was moderately clear at all but the French stations, and, with the exception of some slight showers of rain in Ireland and of snow in the S.E. the weather had been dry. Very little change occurred during the day, but the N^W breeze on our east coast blew strongly at times and snow showers occurred there.

MARCH 14th A recovery having set in over France, ^{pressure} was now increasing over the whole of the Continent, and the greater part of these Islands but on our NW and N coast a slight decrease had occurred during the night. An anticyclone (30.5 in:) lay over Great Britain, whence readings decreased to 29.9 in: at Uist, and to 30.09 in: at Toulon. Wind was light and variable on most of our coasts, but was moderate from N. over the German Ocean, from N.E. and E. over France, and from S. in the S.W. of Ireland. Temperature had risen slightly in the S. of Norway, but had fallen several degrees in the other parts of our area; it varied from 46° at Cork, to 34° at Aberdeen, to 30° in London and to 37° at Toulon. Weather was fine and very dry. In the evening pressure was decreasing everywhere but still continued exceedingly uniform, the winds remained light.

MARCH 15th The mercury had risen slightly at all the more NW stations, but fallen in the S., readings varied from 30.5 in: at Sumburgh Head to 30.13 in: at Uist and 30.07 in: at Toulon. Wind remained light and variable on our NW coast, but moderate NE^W to E^W breezes prevailed over the North Sea, France and our S^W stations. Temperature had changed very little but the general tendency was upward; it varied from 44° at Cork, to 34° at Wick and Biarritz and to 32° at Plymouth. Weather was fine except in the S.E. and the only rain which had fallen was in a slight shower on our east coast. No change of importance was shown by the later Reports.

MARCH 16th Pressure had decreased somewhat over Scandinavia, but increased in all other parts of our area; it was high (30.6 in:) and very uniform over these Islands and was above 30 in: in all parts of Western Europe, Haparanda being 30.12 in: Toulon 30.08 in: Wind was moderate or fresh from N.E. or E. at all the more Southern stations, but was lighter and more variable in the N. Temperature had risen in the S.W. and N. of England and Lowlands of Scotland, fallen at nearly all other stations; it varied from 43° in the Shetlands to 36° in the S.E. of England and 32° in the S.W. of France. The weather was fine and dry. The barometer was rising slightly in the N. at B.P.M. and at Kingstown was as high as 30.71 in: but in the east a decrease was reported; very little other change was shown.

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

DAILY WEATHER REPORT

MARCH 17th 1878.

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.		
Haparanda ...	29.97	30	Z	0	f	29.91	- .21	28	28	+ 2	Z	0	f	*	32	25	0.08
Hernösand ...	30.13	42	NNH	2	c	30.01	- .25	41	26	?	NNH	2	c	*	*	*	-
Stockholm ...	30.14	28	Z	0	s	30.01	- .31	36	25	+ 15	W	2	o	*	*	*	0.04
Wisby ...	30.17	28	SH	4	s	30.04	- .26	33	22	+ 5	WSH	4	o	*	*	*	0.08
Christiansund ...	30.24	37	SH	4	o	30.12	- .35	44	39	+ 7	SH	5	f	5	?	32	-
Skudesnaes ...	30.47	36	NNH	4	c	30.30	- .27	37	37	+ 5	ESE	2	of	2	?	32	-
Oxö (Christiansand) ...	30.39	35	NNH	2	o	30.24	- .27	35	32	+ 8	NNH	2	c	2	39	32	-
Skagen (The Seaw) ...	30.33	36	NNH	2	o	30.23	- .26	39	37	+ 4	Z	0	c	0	39	32	-
Fanö ...	30.43	35	NH	4	o	30.29	- .28	38	26	+ 10	WSH	1	o	*	39	28	-
Cuxhaven ...	30.57	36	NE	3	c	30.30	- .24	39	38	+ 7	NNH	3	o	*	?	30	-
Sumburgh Head ...	30.50	44	W	4	o	30.29	- .24	45	44	+ 3	NNH	5	f	5	48	40	-
Stornoway ...	30.58	47	SH	2	o	30.41	- .23	47	46	+ 4	W	5	f	3	47	40	-
Thurso ...	30.55	46	Z	0	m	30.36	- .24	46	45	+ 7	SH	2	om	2	53	37	-
Wick ...	30.55	45	Z	0	o	30.38	- .23	47	45	+ 6	W	2	o	0	50	40	-
Nairn ...	30.60	44	Z	0	b	30.43	- .21	42	41	+ 12	SH	1	b	1	48	29	-
Aberdeen ...	30.59	42	Z	0	o	30.45	- .20	42	39	+ 9	W	1	o	0	46	33	-
Leith ...	30.60	44	W	1	o	30.47	- .12	41	39	+ 1	W	1	o	*	48	36	-
Shields ...	30.62	43	W	2	o	30.54	- .14	41	38	+ 3	WSH	1	oc	1	44	37	-
Scarborough ...	30.62	39	SE	1	o	30.53	- .15	42	39	0	NH	1	o	2	42	38	-
York ...	30.65	42	NH	1	o	30.56	- .12	42	39	+ 7	NH	1	o	*	46	33	-
Nottingham ...	30.67	40	N	2	o	30.58	- .11	41	38	+ 4	NNH	3	o	*	49	36	-
Ardrossan ...	30.64	45	SSH	2	o	30.55	- .11	42	41	+ 2	Z	0	of	0	46	37	-
Greencastle ...	30.64	48	SH	1	o	30.56	- .07	43	42	+ 6	W	2	o	*	52	35	-
Donaghadee ...	30.68	44	WSH	1	o	30.60	- .08	41	40	0	W	3	oc	1	45	36	-
Kingstown ...	30.71	45	SE	1	o	30.67	0.00	43	40	0	W	3	oc	3	47	42	-
Holyhead ...	30.68	43	NNE	2	c	30.64	- .03	45	42	+ 4	NH	3	o	2	46	41	-
Liverpool (Bidston) ...	30.67	40	NH	1	o	30.61	- .07	43	41	+ 5	W	3	o	1	44	39	-
Valencia ...	30.67	49	SSE	2	c	30.70	+ .07	43	42	+ 4	NE	1	om	1	52	39	-
Roche's Point ...	30.68	46	ESE	3	c	30.70	+ .07	44	42	+ 6	NNE	2	c	3	50	38	-
Pembroke ...	30.67	43	SSE	1	c	30.67	+ .02	41	39	+ 1	Z	0	o	1	46	37	-
Portishead ...	30.64	43	NE	2	o	30.63	0.00	39	36	+ 2	NE	1	o	1	45	29	-
Scilly ...	30.64	40	NE	2	c	30.66	+ .05	35	33	- 3	Z	0	of	*	45	31	-
Plymouth ...	30.62	41	ESE	2	o	30.59	0.00	33	31	- 7	NNH	4	om	2	43	27	-
Dover ...	30.62	38	NE	4	oc	30.58	- .01	35	33	- 2	W	1	o	0	40	31	-
London ...	30.64	41	NE	2	oc	30.59	- .04	30	29	- 6	N	1	o	*	43	25	-
Oxford ...	30.64	41	NE	2	oc	30.61	- .04	35	33	0	Z	0	of	*	44	29	-
Cambridge ...	30.65	37	NE	1	oc	30.58	- .08	37	35	+ 1	NH	1	o	*	46	26	-
Yarmouth ...	30.63	37	NNE	2	o	30.54	- .09	35	33	- 2	W	2	oc	2	40	30	-
The Helder ...	30.63	37	NE	2	o	30.43	- .15	41	39	+ 6	NH	3	o	*	*	*	-
Cape Gris Nez ...	30.60	37	E	3	c	?	?	36	34	+ 4	NNH	3	oc	2	41	32	-
Jersey ...	30.58	37	ENE	3	o	30.53	- .02	37	34	- 2	E	1	o	2	46	36	-
Brest ...	30.58	37	ENE	3	o	30.53	- .02	37	34	- 2	E	1	o	2	46	36	-
L'Orient ...	30.56	41	NE	5	o	30.64	+ .09	34	30	0	NE	3	o	3	45	30	-
Rochefort ...	30.44	46	NE	6	oc	30.53	+ .44	32	30	0	NE	5	o	3	45	28	-
Biarritz ...	30.39	43	ENE	3	o	30.49	+ .22	30	28	- 6	ENE	1	o	3	46	27	-
Corunna ...	30.48	45	ENE	3	o	30.52	+ .06	32	32	+ 4	ENE	1	o	*	37	30	-
Brussels ...	30.52	36	NE	5	o	30.59	+ .06	32	31	- 1	NE	3	o	*	*	*	-
Charleville ...	30.52	36	NE	5	o	30.59	+ .06	32	31	- 1	NE	3	o	*	*	*	-
Paris ...	30.52	36	NE	5	o	30.59	+ .06	32	31	- 1	NE	3	o	*	*	*	-
Lyons ...	30.52	36	NE	5	o	30.59	+ .06	32	31	- 1	NE	3	o	*	*	*	-
Toulon ...	30.18	37	NH	2	oc	30.22	+ .14	37	32	+ 1	E	4	o	5	48	34	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.49	38	34	NNW	6	0	3	Valencia	30.65	57	45	SSE	2	Don	3
Thurso	30.57	49	45	W	1	om	2	Scilly							
Scarborough ...	30.67	40	36	ESE	1	0	2	London	30.65	40	34	NE	3	c	*
Greencastle ...	30.64	49	44	SSW	1	o	*	Rochefort ...	30.42	37	34*	NE	5	oc	3
Holyhead	30.68	45	40	NE	2	0	1								

Barometer has fallen slightly in the N. but there is no other important change.

EXPLANATION OF COLUMNS.

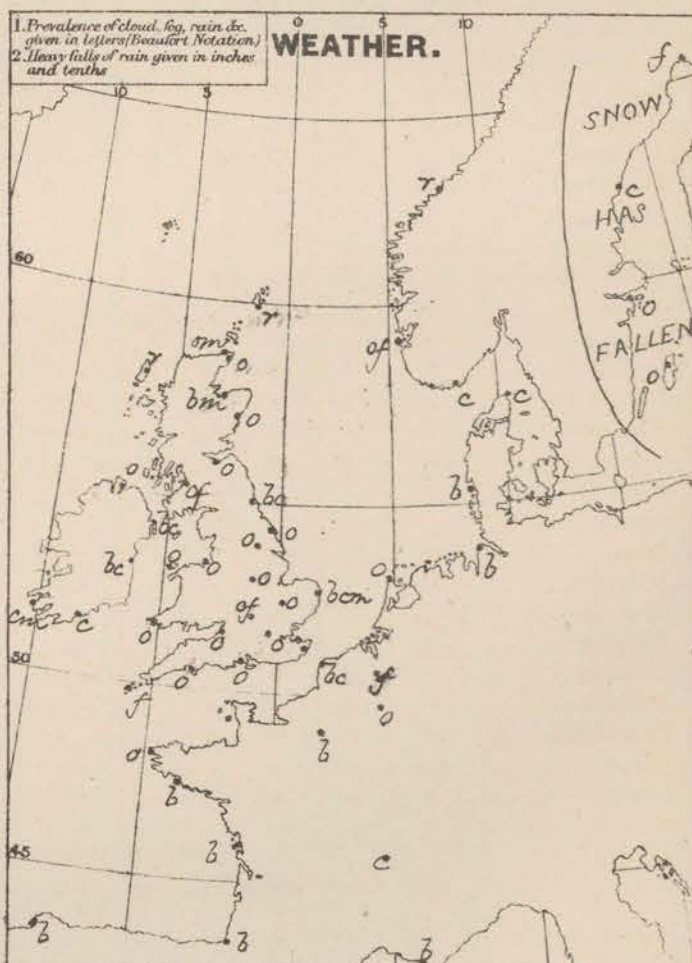
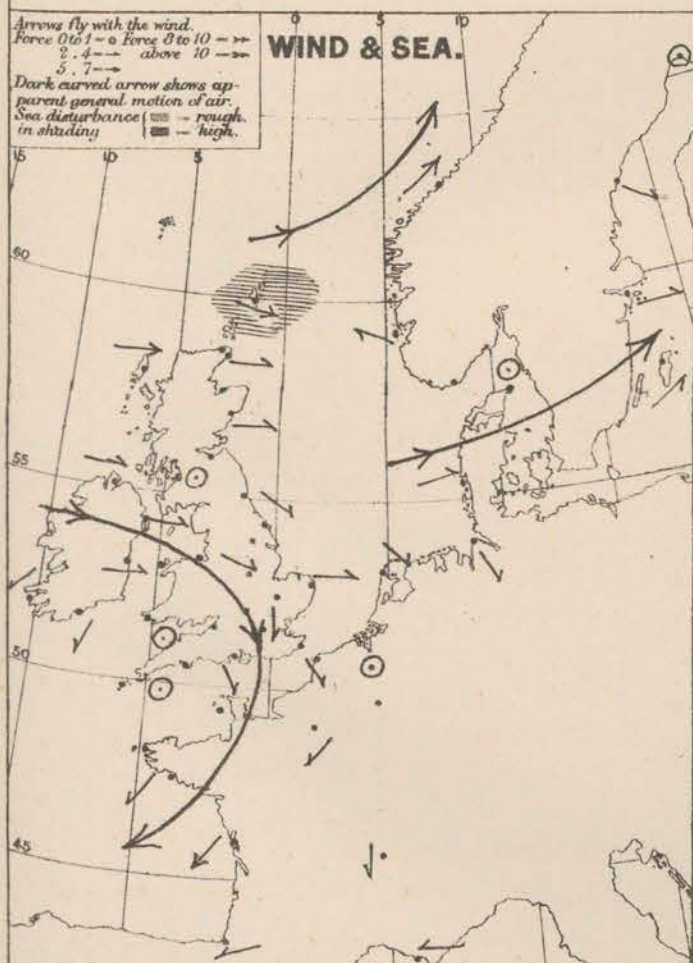
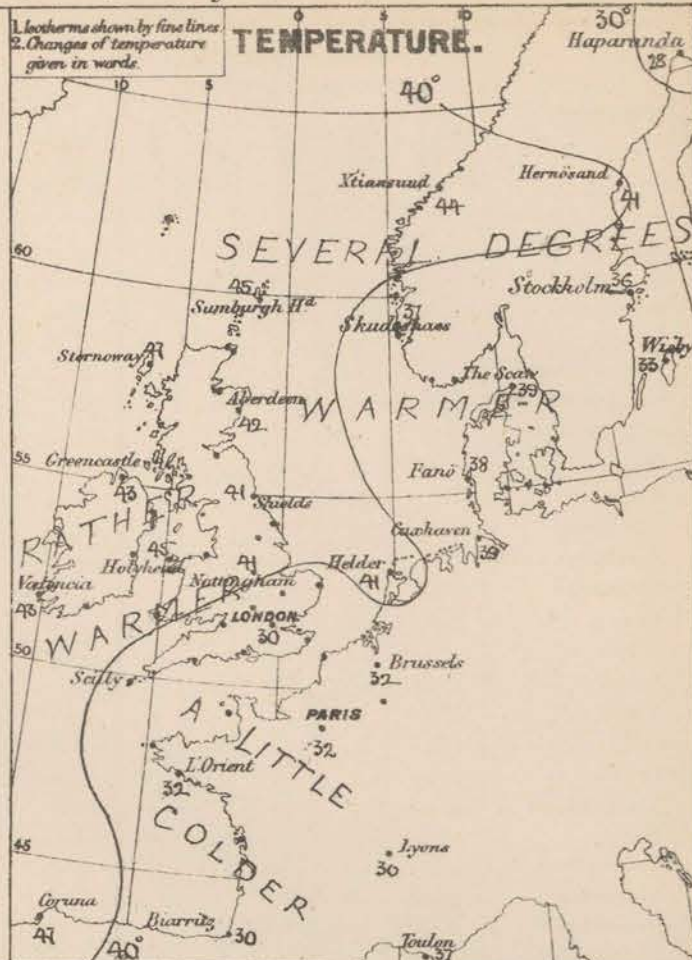
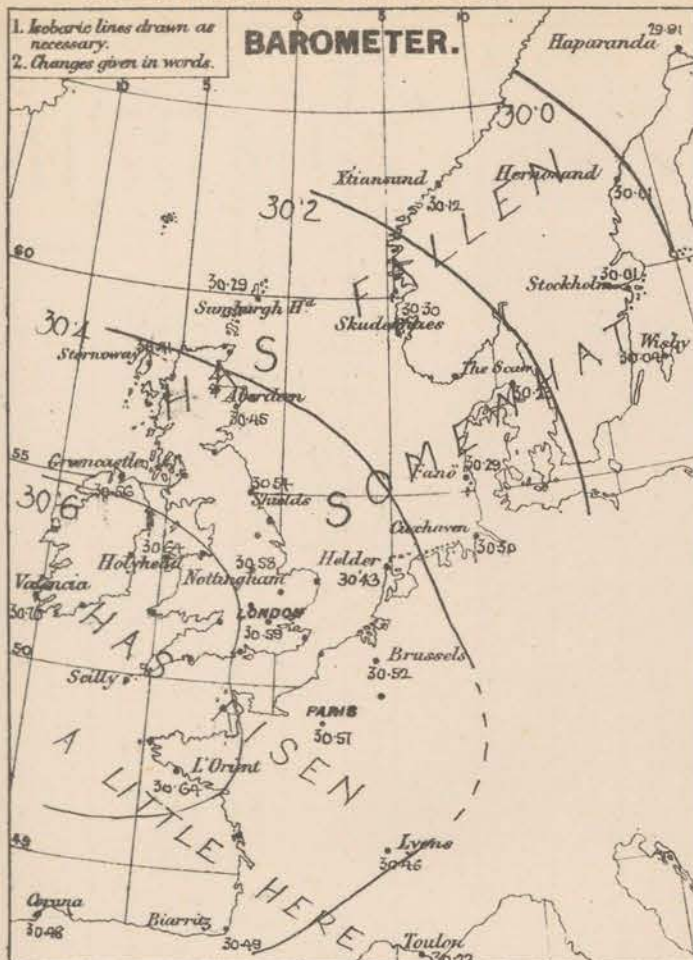
WEATHER.--Beaufort Scale is, b. blue sky; a. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 17th MARCH 1878.



REMARKS. Weather is cloudy over nearly the whole of the United Kingdom, and especially so in England and Ireland; rain is falling at Sarnoway and Sumburgh H., fog, and haze at some of the English stations. On the eastern shores of the North Sea and in France the weather is finer, clear skies being reported from many stations. Temperature has risen from 5° to 12° at some of the Scotch stations and to a smaller extent in Ireland and on the northern coasts of England, while in the south of England and over France it has fallen. The readings are now as high as 42° to 47° in Scotland, and 43° in Ireland and Wales, but as low as 30° in London and over the southern parts of France. During the past night it has been down to 25° in the shade in London, and to 15° on the grass. Wind is light to moderate from W. on our northern coasts, light from NW in the north east, from N. in the Channel, and from NE in France and the south of Ireland. In Scotland it has freshened a little during the night. Sea is rather rough at Sumburgh H., smooth elsewhere.

Barometrical Indications. Barometrical pressure now varies from 30.7 ins. over the south of Ireland to 30.3 ins. at Sumburgh H. and Fano and 29.9 ins. in the north of Scandinavia. The mercury is falling rather briskly in the north, and is inclined to fall a little in the east and south east also. A depression appears to be approaching the northern stations from the NW.

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

R. H. SCOTT,
Secretary.

DAILY WEATHER REPORT MARCH 18th 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SEASIDE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SEASIDE 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	29.63	24	Z	0	0	29.52	-.39	24	24	3	Z	0	0	*	30	19	-	
Hernösand	29.79	42	W	2	0	29.65	-.26	37	34	-	W	2	0	*	*	*	-	
Stockholm	29.84	26	SW	2	0	29.67	-.34	35	32	-	W	2	0	*	*	*	-	
Wishby	29.97	39	WSW	6	0	29.81	-.23	38	36	+	W	6	0	*	*	*	0.04	
Christiansund	29.88	41	SW	6	+	29.83	-.29	39	37	+	SW	2	+	4	41	34	0.39	
Skudesnaes	30.09	40	ENE	2	+	29.82	-.48	41	40	+	S	2	rf	3	43	37	0.08	
Oxö (Åstonsund)	30.08	43	NNW	4	0	29.74	-.40	41	39	+	SW	4	0	2	45	36	-	
Skagen (The Skaw)	30.02	36	NW	2	0	29.82	-.41	39	38	0	Z	0	0	0	46	30	-	
Fanö	30.10	40	NW	6	0	29.98	-.31	41	41	+	NNW	6	f	*	43	37	-	
Coxhaven	30.26	42	NNW	3	0	30.07	-.23	43	43	+	NW	2	0	*	?	37	0.02	
Sumburgh Head	30.18	45	NNW	4	0	29.90	-.39	47	46	+	NNW	5	m	5	48	43	0.19	
Stornoway	30.40	48	W	3	0	30.25	-.16	48	47	+	W	6	0	4	51	46	0.02	
Thurso	30.30	46	WSW	4	0	30.10	-.26	47	47	+	W	5	rf	4	53	45	0.15	
Wick	30.31	47	NW	4	0	30.09	-.29	49	48	+	NNW	5	+	3	53	44	0.05	
Nairn	30.37	48	N	1	0	30.22	-.21	48	45	+	W	2	0	1	54	?	-	
Aberdeen	30.33	51	NNW	1	0	30.13	-.32	50	46	+	NNW	5	0	1	54	42	-	
Leith	30.39	49	W	3	0	30.24	-.27	48	46	+	W	4	0	*	51	39	-	
Shields	30.44	47	NW	3	0	30.23	-.31	49	46	+	NW	4	0	2	50	39	-	
Scarborough	30.44	48	NNW	1	0	30.23	-.30	50	48	+	NNW	2	0	2	50	42	-	
York	?	48	NNW	1	0	30.20	-.26	47	45	+	W	1	0	*	50	41	-	
Nottingham	30.52	47	NNW	2	0	30.35	-.23	50	48	+	W	4	0	*	51	40	-	
Ardrossan	30.46	49	NNW	3	0	30.34	-.21	48	46	+	NNW	2	0	1	51	42	0.02	
Greencastle	30.50	50	W	3	0	30.41	-.15	49	48	+	W	3	0	*	52	42	0.04	
Donaghadee	30.52	46	NNW	3	0	30.41	-.19	48	47	+	NNW	3	0	2	49	40	0.02	
Kingstown	30.60	49	W	4	0	30.49	-.18	48	46	+	W	4	0	4	51	43	-	
Holyhead	30.52	48	W	4	m	30.45	-.19	48	47	+	NNW	4	0	3	50	44	-	
Liverpool (Bidston)	30.54	43	W	3	0	30.38	-.23	45	45	+	W	4	0	1	47	43	-	
Valencia	30.68	51	NNW	2	0	30.62	-.08	50	48	+	NNW	2	0	2	53	42	-	
Roche's Point	30.68	46	W	3	0	30.58	-.12	49	46	+	NW	4	0	3	50	44	-	
Pembroke	30.63	46	W	1	0	30.52	-.15	48	47	+	NW	2	0	2	48	40	-	
Portishead	30.55	47	NNW	3	0	30.43	-.20	47	46	+	SW	2	0	2	48	36	-	
Scilly	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plymouth	30.62	44	Z	0	0	30.57	-.15	37	36	+	NW	2	0	*	48	35	-	
Hurst Castle	30.55	47	NNW	3	0	30.43	-.16	44	43	+	NW	2	0	3	50	30	-	
Dover	30.49	41	NNW	2	0	30.36	-.22	44	42	+	NW	3	0	1	44	33	-	
London	30.52	47	NW	2	0	30.38	-.21	46	44	+	NW	2	0	*	49	30	-	
Oxford	...	...	...	...	...	30.39	-.22	44	43	+	W	1	0	*	47	35	-
Cambridge	30.49	45	NW	1	0	30.35	-.23	46	45	+	NW	1	0	*	52	36	-	
Yarmouth	30.45	43	NNW	1	0	30.29	-.25	43	42	+	NNW	2	0	2	46	32	-	
The Helder	...	...	...	...	...	30.24	-.22	43	42	+	W	2	+	*	*	*	0.04
Cape Gris Nez	30.47	41	WSW	2	0	30.37	?	43	43	+	NNW	2	m	2	43	36	-	
Jersey	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brest	30.63	46	N	2	m	30.58	-.05	46	41	+	NNW	3	0	2	46	37	-	
L'Orient	30.60	46	NE	3	0	30.58	-.06	43	39	+	NNW	3	m	3	46	32	-	
Rochefort	30.52	50	NNE	3	0	30.52	-.01	43	39	+	NNW	5	0	3	48	28	-	
Biarritz	30.50	46	NNW	4	0	30.55	+.06	32	32	+	E	1	0	3	46	27	-	
Corunna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brussels	...	...	...	...	...	30.33	-.19	37	36	+	NNW	1	+	*	41	?	-
Charleville	...	...	...	...	...	30.37	-.13	35	...	+	SW	3	0	*	...	...	...
Paris	30.50	39	NW	3	0	30.39	-.18	40	39	+	W	3	f	*	...	...	-
Lyons	...	...	...	...	...	30.43	-.03	40	...	+	W	2	0	*	...	...	...
Toulon	30.21	39	W	1	0	30.17	-.08	39	32	+	W	2	0	3	46	36	-	

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

Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	30.17	43	42	NNW	2	Valencia	...	...	...	...	...
Thurso	Scilly	...	...	...	...	...
Scarborough	London	...	...	...	...	...
Greencastle	Rochefort	30.34	48	41	NE	4
Holyhead						

EXPLANATION OF COLUMNS

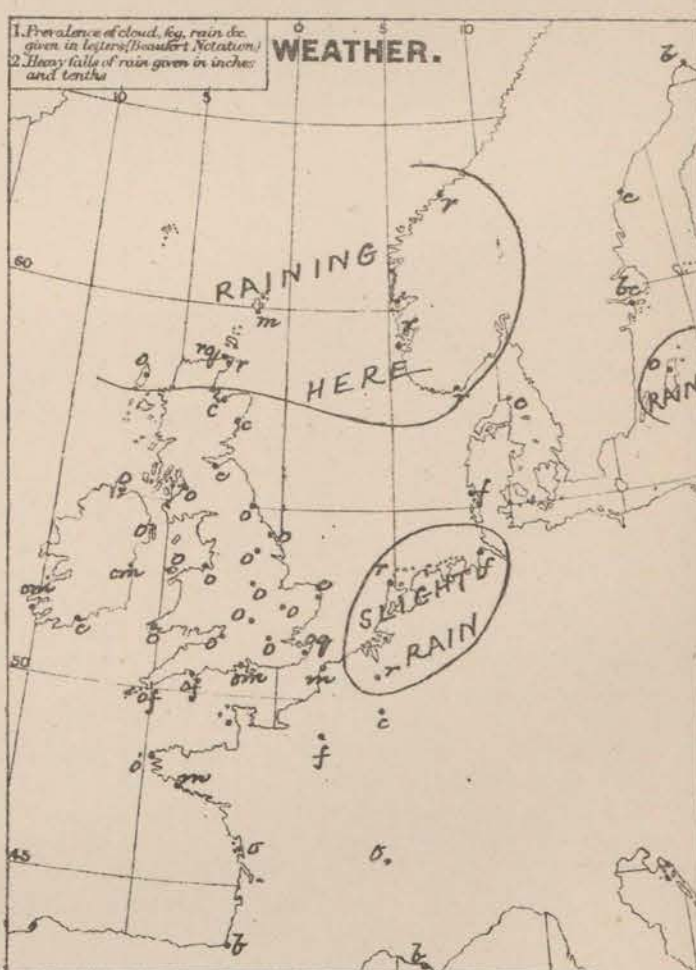
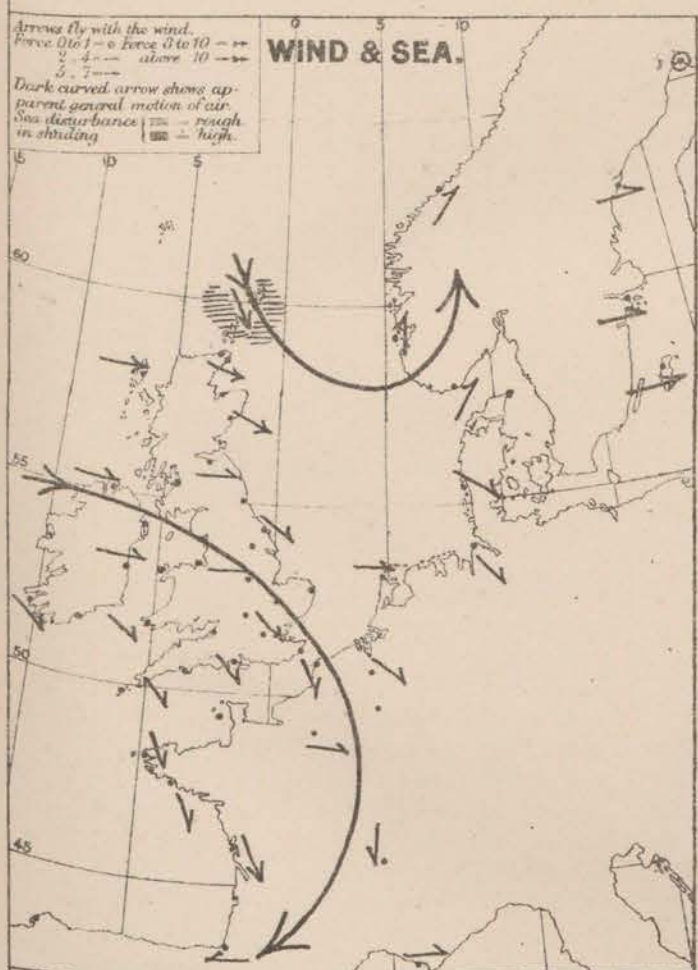
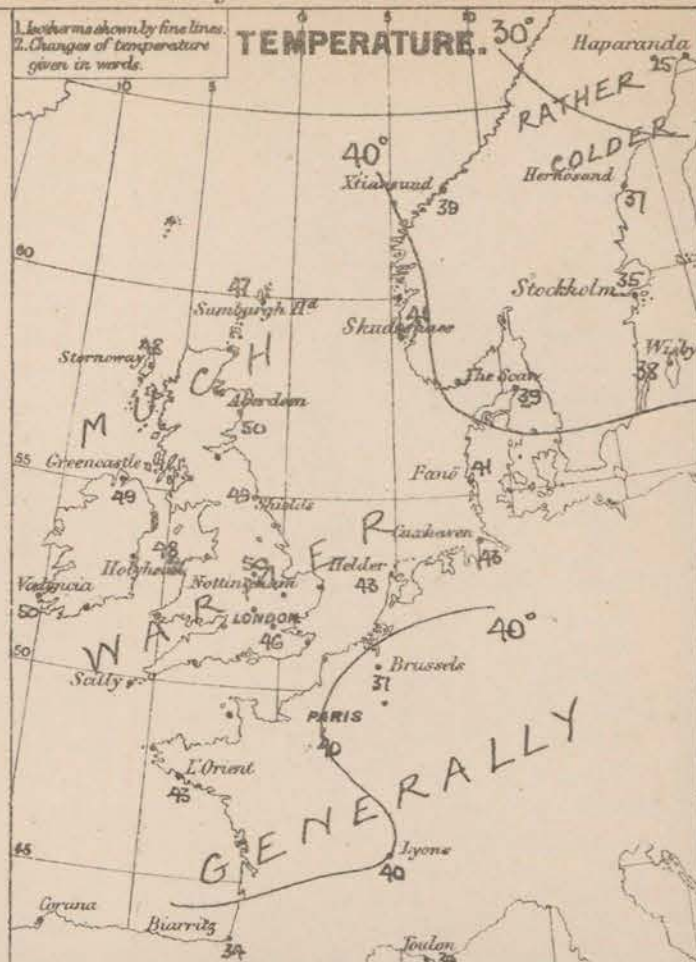
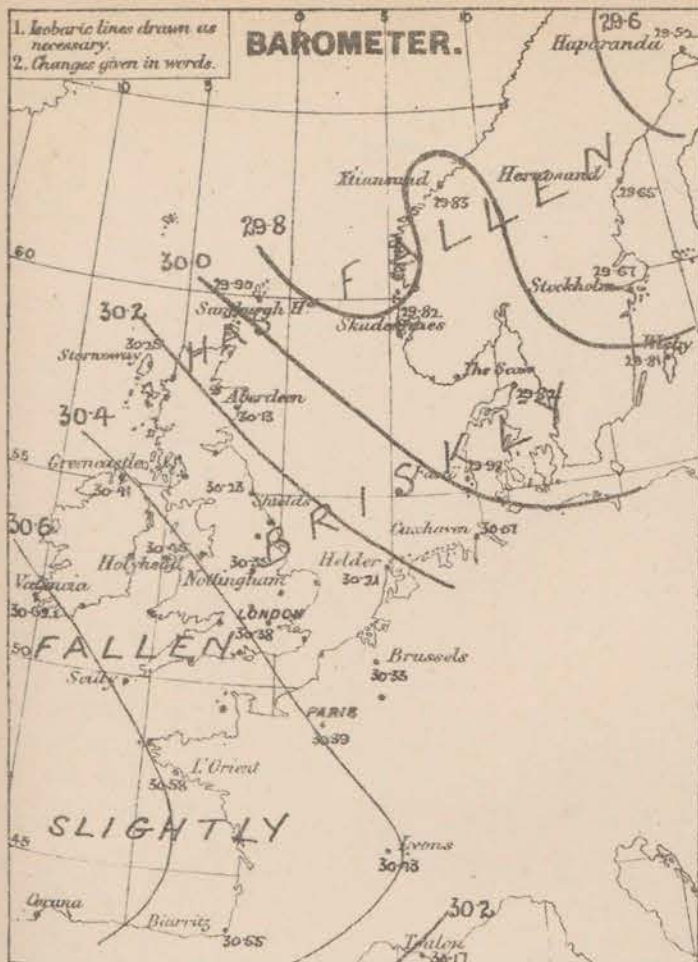
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 sea, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Monday 18. MARCH 1878.



REMARKS. Weather is overcast or very cloudy this morning at all but the Swedish stations, fog and haze prevails in the S. and SE, rain in the extreme N. and also in Holland. Slight rain fell at some of the N. stations yesterday. Temperature has risen all over the British Isles, France and the North Sea. It now varies from about 45° to 50° in our Islands, from 40° to 45° over the greater part of France, and from 39° to 41° on the E. shores of the North Sea. In the N. of our Islands the readings are 8° or 9°, and in the S. about 3° above the average for March. Wind is fresh from W. on our N. coast, light from NW in the S. and E. In Norway, however, it is very light from the S. Sea is moderate in the N. smooth or slight elsewhere.

Barometrical Indications. Pressure is still highest in the SW, and lowest in the N. and NE. The barometer is falling very generally, but as the change is more decided in the N. than elsewhere, the gradients for W to NW winds over our Islands and the North Sea are increasing steadily.

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DAILY WEATHER REPORT MARCH 19TH 1878.

STATIONS.	↑ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 820 F. 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.				Max.	Min.						
Haparanda	29.44	22	N	2	bc	29.57	+ .05	12	12	- 12	Z	0	bc	*	34	10	-		
Hernösand	29.57	33	NNN	2	S	29.59	- .06	31	28	- 6	N	6	S	*	*	*	0.04		
Stockholm	29.45	38	S	2	f	29.48	- .19	34	32	- 1	N	6	0	*	*	*	0.08		
Wisby	29.50	36	NN	6	0	29.47	- .34	35	33	- 3	NNN	8	0	*	*	*	0.08		
Christiansund	29.83	37	NNN	6	0	29.93	+ .10	36	33	- 3	NNN	5	f	5	41	28	0.16		
Skudesnaes	29.60	42	NN	8	0	29.95	+ .13	40	36	- 1	NNN	6	0	4	43	41	-		
Oxö (Xtiansand)	29.60	46	NN	4	0	29.84	00	41	39	0	ENE	2	c	2	46	37	-		
Skagen (The Seaw)	29.60	38	Z	0	0	29.78	- .04	39	33	0	NE	6	bc	6	45	32	-		
Fanö	29.68	42	NN	8	0	29.79	- .19	41	39	0	NNN	6	bc	*	43	39	0.04		
Cuxhaven	29.83	44	N	5	f	29.87	- .26	42	41	- 1	N	5	C	*	?	39	0.02		
Sumburgh Head	30.05	45	NNN	3	0	30.05	+ .15	47	46	0	NNN	5	f	5	49	44	0.04		
Stornoway	30.34	48	N	5	0	30.34	+ .09	48	46	0	N	2	0	2	57	44	-		
Thurso	30.17	47	NNN	4	f	30.19	+ .09	47	46	0	NNN	4	0	4	49	44	0.15		
Wick	30.17	47	NN	2	f	30.18	+ .09	47	46	- 1	NN	2	0	1	50	?	0.03		
Nairn	30.23	53	N	4	0	30.28	+ .06	49	46	+ 1	N	3	0	1	56	43	-		
Aberdeen	30.17	52	NNN	6	0	30.22	+ .09	49	45	- 1	NN	4	0	1	56	46	-		
Leith	30.21	50	N	3	0	30.26	+ .02	47	44	- 1	N	2	0	*	57	42	-		
Shields	30.19	50	NNN	4	0	30.28	+ .05	45	43	- 4	N	3	0	1	58	41	0.01		
Scarborough	30.17	55	NNN	1	0	30.28	+ .05	49	46	- 1	NNN	2	0	2	57	45	-		
York	30.31	54	NNN	2	0	30.29	- .01	47	45	0	NN	2	bc	*	58	44	-		
Nottingham	30.24	50	NN	4	bc	30.31	- .04	48	46	- 2	NNN	2	0	*	56	45	-		
Ardrossan	30.31	49	NNN	3	0	30.32	- .02	49	47	+ 1	NNN	2	0	1	57	42	-		
Greencastle	30.40	50	NN	4	0	30.39	- .02	47	46	- 2	NN	2	0	*	52	46	-		
Donaghadee	30.39	48	NN	5	bc	30.37	- .04	48	45	0	NN	4	0	3	57	46	-		
Kingstown	30.41	52	NN	5	bc	30.43	- .06	47	45	- 1	NN	4	0	3	53	43	-		
Holyhead	30.38	48	NN	3	0	30.39	- .06	47	45	- 1	NN	4	0	3	52	41	-		
Liverpool (Bidston)	30.32	46	N	5	0	30.34	- .04	46	45	+ 1	N	4	0	1	49	45	-		
Valencia	30.57	57	NN	2	cm	30.52	- .10	48	47	- 2	Z	0	cm	1	56	47	0.02		
Roehe's Point	30.53	49	NNN	4	0	30.49	- .09	47	45	- 2	N	3	0	3	52	45	0.09		
Pembroke	30.42	49	NN	1	0	30.41	- .11	47	46	- 1	NNN	1	0	1	57	46	-		
Portishead	30.34	57	NN	4	0	30.33	- .10	48	45	+ 1	NNN	2	0	2	56	44	-		
Seilly																			
Plymouth	30.40	57	NN	2	0	30.36	- .15	49	46	+ 12	NN	3	0	*	57	?	-		
Hurst Castle	30.27	52	NNN	4	0	30.32	- .11	49	47	+ 5	N	3	0	2	57	42	-		
Dover	30.20	51	NN	3	0	30.23	- .13	47	46	+ 3	NNN	4	0	2	53	43	0.07		
London	30.25	52	NNN	3	0	30.30	- .08	47	45	+ 1	N	1	0	*	54	46	-		
Oxford						30.32	- .07	47	45	+ 3	NN	1	0	*	54	43	-		
Cambridge	30.21	57	NN	1	f	30.28	- .07	46	46	0	NN	1	0	*	56	45	0.02		
Yarmouth	30.17	47	NN	3	md	30.21	- .08	46	45	+ 3	NNN	4	0	3	52	42	0.07		
The Helder						30.06	- .15	44	43	+ 1	NN	3	0	*	*	*	0.16		
Cape Gris Nez	30.21	46	NNN	2	f	30.23	- .14	46	46	+ 3	NNN	4	0	3	46	43	0.08		
Jersey																			
Brest	30.49	50	NNN	4	0	30.38	- .20	48	46	+ 2	NNN	2	0	2	52	?	-		
L'Orient	30.46	48	NNN	3	bc	30.39	- .19	46	46	+ 3	NN	3	0	3	52	39	-		
Rochefort	30.38	45	NN	4	0	30.34	- .18	46	46	+ 3	NN	3	0	3	50	28	-		
Biarritz	30.46	46	NE	4	0	30.38	- .17	45	41	+ 11	SSN	1	0	3	46	32	0.12		
Corunna						30.46	- .07	48	*	+ 4	NE	3	0	4	*	*	*		
Brussels						30.13	- .20	44	41	+ 7	NNN	3	0	*	46	?	0.43		
Charleville						30.06	- .31	43	*	+ 8	NN	3	0	*	*	*	*		
Paris	30.27	49	NN	2	0	30.22	- .17	47	46	+ 7	NN	3	0	*	*	*	*		
Lyons						30.24	- .19	42	*	+ 2	NN	4	?	*	*	*	*		
Toulon																			

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.76	43	42	NN	5	f	3	Valencia	30.59	51	52	NN	3	cm	3
Thurso	30.14	47	47	NNN	4	f	4	Seilly							
Scarborough ...	30.17	57	52	NN	2	0	2	London	30.28	53	49	N	4	0	*
Greencastle ...	30.40	51	49	NN	3	0	*	Rochefort ...	30.41	48	45	NNN	4	0	3
Holyhead	30.41	50	48	NN	4	0	3								

The barometer has begun to rise again at Thurso, accompanied by a rising of the wind to NN; but a further fall of the mercury has occurred elsewhere - especially in the south.

EXPLANATION OF COLUMNS.

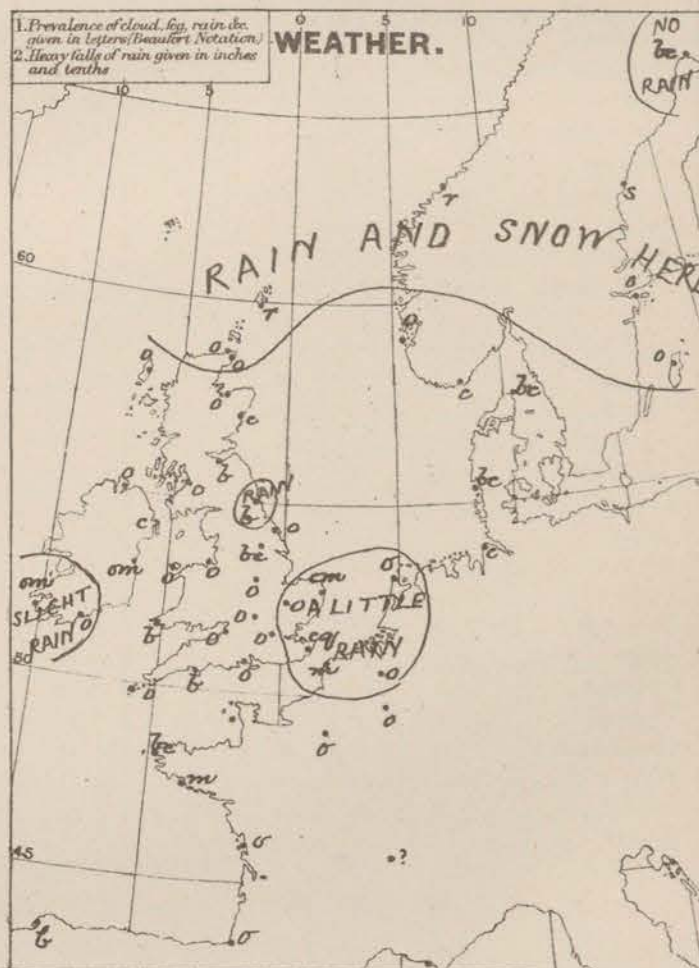
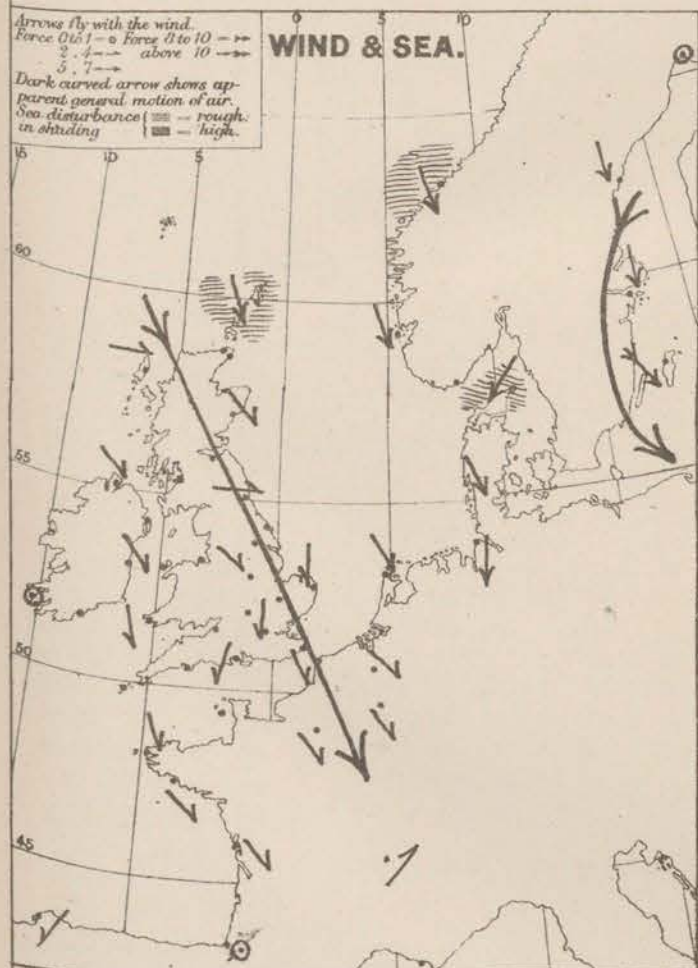
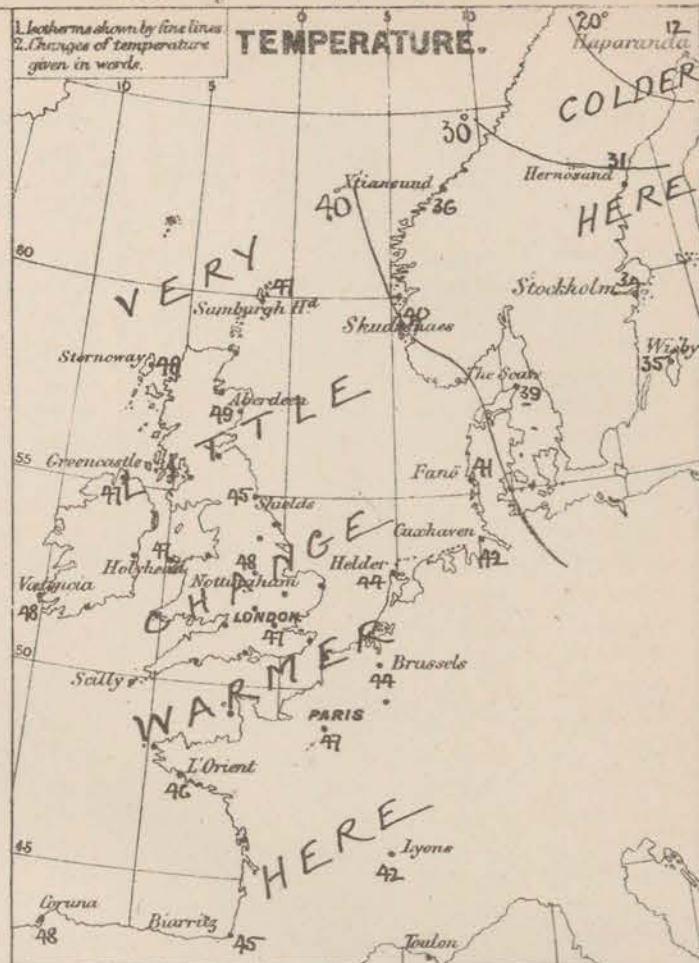
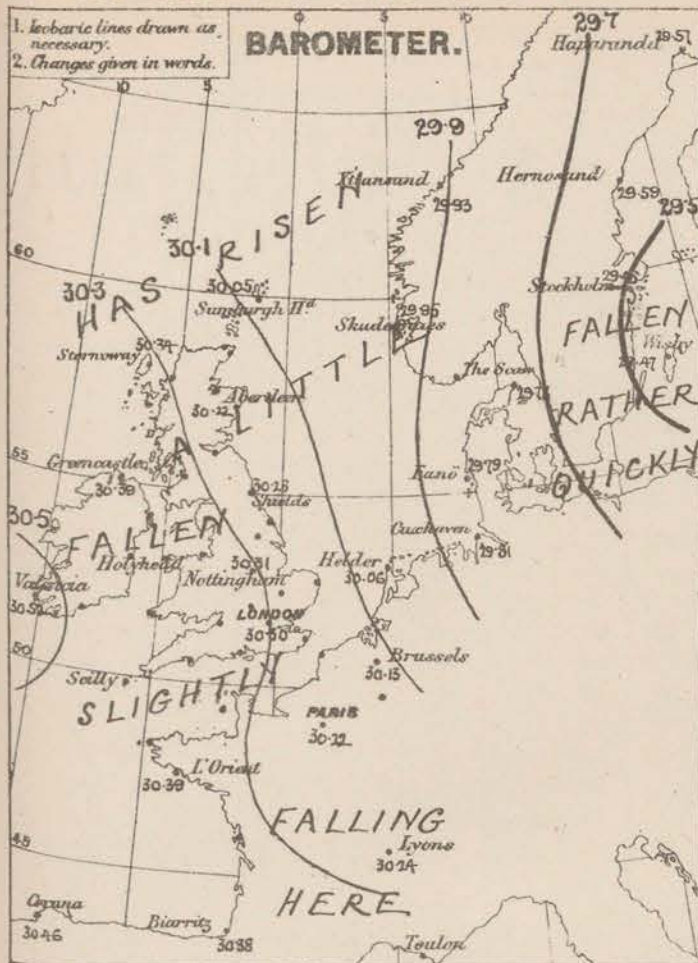
WEATHER.--Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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† 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 19 MARCH. 1876.



REMARKS. Weather is moderately clear in the NE. of our Islands, and also on the Danish coast, but is overcast, and dull elsewhere with rain at Christiansund and Sumburgh Head, and snow at Hornsund. A little rain fell at the stations N., W. and SE. yesterday. Temperature has undergone very little change over our Islands generally since yesterday, but in the N. of Scandinavia it has fallen several degrees and is low, while in France and the Channel it has risen. Over the United Kingdom and France it is very uneven between 45 and 49° F this morning. Wind is very light to moderate from between N and NW on almost all coasts. At the Scaw, however, it is strong from NE, while at Wisby a fresh gale from NW is reported. Sea is rather rough on the Norwegian and Danish coasts, slight or smooth round our Islands. Barometrical Indications. Pressure has increased a little at the N. stations since yesterday, but decreased elsewhere, and readings vary from 30.52 in. at Valentia to 29.47 in. at Wisby. There is at present no sign of any sudden change.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT MARCH 19TH 1878.

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 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 ...	29.44	22	N	2	bc	29.57	+ .05	12	12	- 13	Z	0	bc	*	34	10	-	
Hernösand ...	29.57	33	NNN	2	c	29.59	- .06	31	28	- 6	N	6	S	*	*	*	0.04	
Stockholm ...	29.45	38	S	2	T	29.48	- .19	34	32	- 1	N	6	O	*	*	*	0.08	
Wimby ...	29.50	36	SN	6	O	29.47	- .34	35	33	- 3	NNN	8	O	*	*	*	0.08	
Christiansund ...	29.93	37	NNN	6	S	29.93	+ .10	36	33	- 3	NNN	5	T	5	41	28	0.16	
Skudesnaes ...	29.80	42	NN	8	O	29.95	+ .13	40	36	- 1	NNN	6	O	4	43	41	-	
Oxö (Klansand) ...	29.60	46	NN	4	bc	29.84	.00	41	39	0	ENE	2	c	2	46	37	-	
Skagen (The Seaw.)	29.60	38	Z	0	bc	29.78	- .04	39	33	0	NE	6	bc	6	45	32	-	
Fanö ...	29.68	42	NN	8	O	29.79	- .19	41	39	0	NNN	6	bc	*	43	39	0.04	
Cuxhaven ...	29.83	44	N	5	T	29.80	- .26	42	41	- 1	N	5	C	*	?	39	0.02	
Sumburgh Head ...	30.05	45	NNN	3	O	30.05	+ .15	47	46	0	NNN	5	T	5	49	44	0.04	
Stornoway ...	30.30	48	N	5	O	30.34	+ .09	48	46	0	N	2	O	2	51	44	-	
Thurso ...	30.17	47	NNN	4	T	30.19	+ .09	47	46	0	NNN	4	O	4	49	44	0.15	
Wick ...	30.17	47	NN	2	T	30.18	+ .09	47	46	- 1	NN	2	O	1	50	?	0.03	
Nairn ...	30.23	53	N	4	C	30.28	+ .06	49	46	+ 1	N	3	O	1	56	43	-	
Aberdeen ...	30.17	52	NNN	6	C	30.22	+ .09	49	45	- 1	NN	4	C	1	56	46	-	
Leith ...	30.21	50	N	3	bc	30.26	+ .02	47	44	- 1	N	2	bc	*	51	42	-	
Shields ...	30.19	50	NNN	4	O	30.28	+ .05	45	43	- 4	N	3	bc	1	58	41	0.01	
Scarborough ...	30.17	55	NNN	1	O	30.28	+ .05	49	46	- 1	NNN	2	O	2	57	45	-	
York ...	30.21	54	NNN	2	C	30.29	- .01	47	45	0	NN	2	bc	*	58	44	-	
Nottingham ...	30.24	50	NN	4	bc	30.31	- .04	48	46	- 2	NNN	2	O	*	56	45	-	
Ardrossan ...	30.31	49	NNN	3	O	30.32	- .02	49	47	+ 1	NNN	2	O	1	57	42	-	
Greencastle ...	30.40	50	NN	4	O	30.39	- .02	47	46	- 2	NN	2	O	*	52	46	-	
Donaghadee ...	30.39	48	NN	5	bc	30.37	- .04	48	45	0	NN	4	C	3	51	46	-	
Kingstown ...	30.41	52	NN	5	bc	30.43	- .06	47	45	- 1	NN	4	om	3	53	43	-	
Holyhead ...	30.38	48	NN	3	O	30.39	- .06	47	45	- 1	NN	4	O	3	52	41	-	
Liverpool (Bidston)	30.32	46	N	5	O	30.34	- .04	46	45	+ 1	N	4	O	1	49	45	-	
Valencia ...	30.57	51	NN	2	om	30.52	- .10	48	47	- 2	Z	0	om	1	56	47	0.02	
Roche's Point...	30.53	49	NNN	4	C	30.49	- .09	47	45	- 2	N	3	O	3	52	45	0.09	
Pembroke ...	30.42	49	NN	1	O	30.41	- .11	47	46	- 1	NNN	1	bc	1	51	46	-	
Portishead ...	30.34	51	NN	4	C	30.33	- .10	48	45	+ 1	NNN	2	O	2	56	44	-	
Scilly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plymouth ...	30.40	51	NN	2	O	30.36	- .15	49	46	+ 12	NN	3	bc	*	57	?	-	
Hurst Castle ...	30.27	52	NNN	4	bc	30.32	- .11	49	47	+ 5	N	3	O	2	57	42	-	
Dover ...	30.20	51	NN	3	C	30.23	- .13	47	46	+ 3	NNN	4	Cy	2	53	43	0.07	
London ...	30.25	52	NNN	3	O	30.30	- .08	47	45	+ 1	N	1	O	*	54	46	-	
Oxford ...	*	*	*	*	*	30.32	- .07	47	45	+ 3	NN	1	O	*	54	43	-	
Cambridge ...	30.21	51	NN	1	T	30.28	- .07	46	46	0	NN	1	O	*	56	45	0.02	
Yarmouth ...	30.17	47	NN	3	md	30.21	- .08	46	45	+ 3	NNN	4	om	3	52	42	0.07	
The Helder...	*	*	*	*	*	30.06	- .15	44	43	+ 1	NN	3	O	*	*	*	0.16	
Cape Gris Nez ...	30.21	46	NNN	2	f	30.23	- .12	46	46	+ 3	NNN	4	m	3	46	43	0.08	
Jersey ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brest ...	30.49	50	NNN	4	O	30.38	- .20	48	46	+ 2	NNN	2	bc	2	52	?	-	
L'Orient ...	30.46	48	NNN	3	bc	30.39	- .19	46	46	+ 3	NN	3	m	3	52	39	-	
Rocheport ...	30.38	45	NN	4	O	30.34	- .18	46	46	+ 3	NN	3	O	3	50	28	-	
Biarritz ...	30.46	46	NE	4	O	30.38	- .17	45	41	+ 11	SSN	1	O	3	46	32	0.12	
Corunna ...	*	*	*	*	*	30.46	- .07	48	*	+ 4	NE	3	bc	4	*	*	*	
Brussels ...	*	*	*	*	*	30.13	- .20	44	41	+ 7	NNN	3	O	*	46	?	0.43	
Charleville ...	*	*	*	*	*	30.06	- .31	43	*	+ 8	NN	3	O	*	*	*	*	
Paris ...	30.27	49	NN	2	O	30.22	- .17	47	46	+ 7	NN	3	O	*	*	*	-	
Lyons ...	*	*	*	*	*	30.24	- .19	42	*	+ 2	SN	4	?	*	*	*	*	
Toulon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.76	43	42	NN	8	f	3	Valencia ...	30.59	50	52	NN	3	om	3
Thurso	30.44	47	47	NNN	4	f	4	Scilly							
Scarborough ...	30.17	57	52	NN	2	0	2	London	30.28	53	49	N	4	0	*
Greencastle ...	30.40	51	49	NN	3	0	*	Rocheport ...	30.41	48	45	NNN	4	0	3
Holyhead	30.41	50	48	NN	4	0	3								

The barometer has begun to rise again at Thurso, accompanied by a rising of the wind to NNW, but a further fall of the mercury has occurred elsewhere - especially in the south.

EXPLANATION OF COLUMNS.

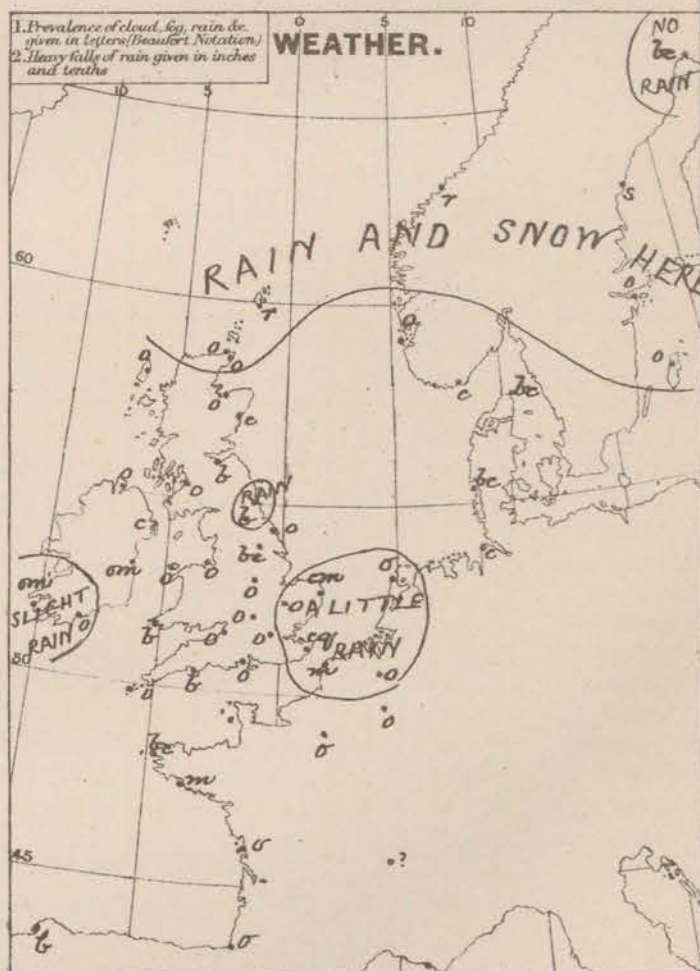
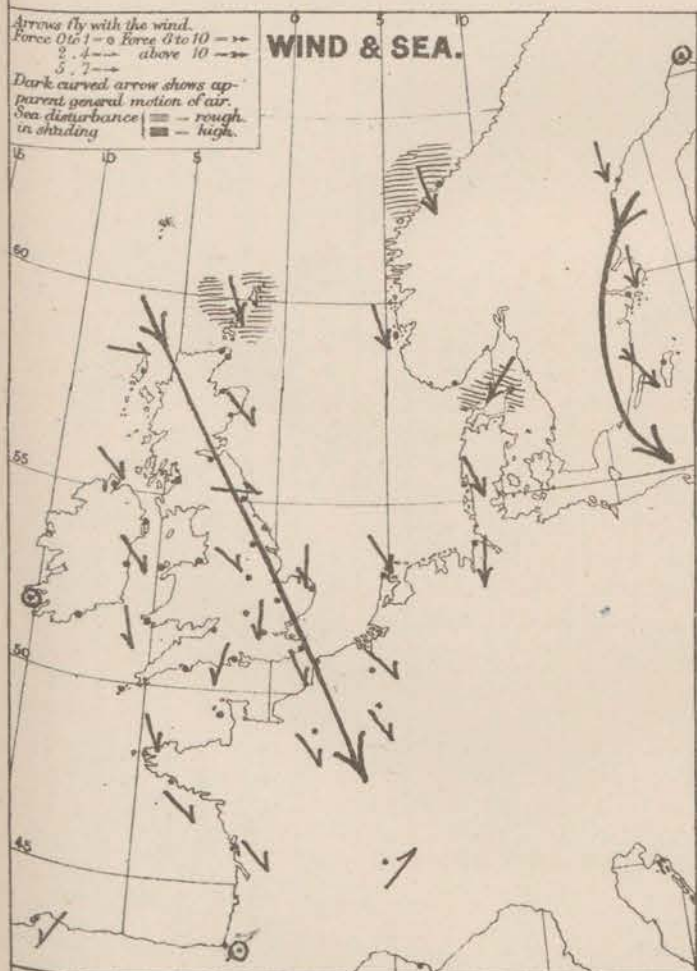
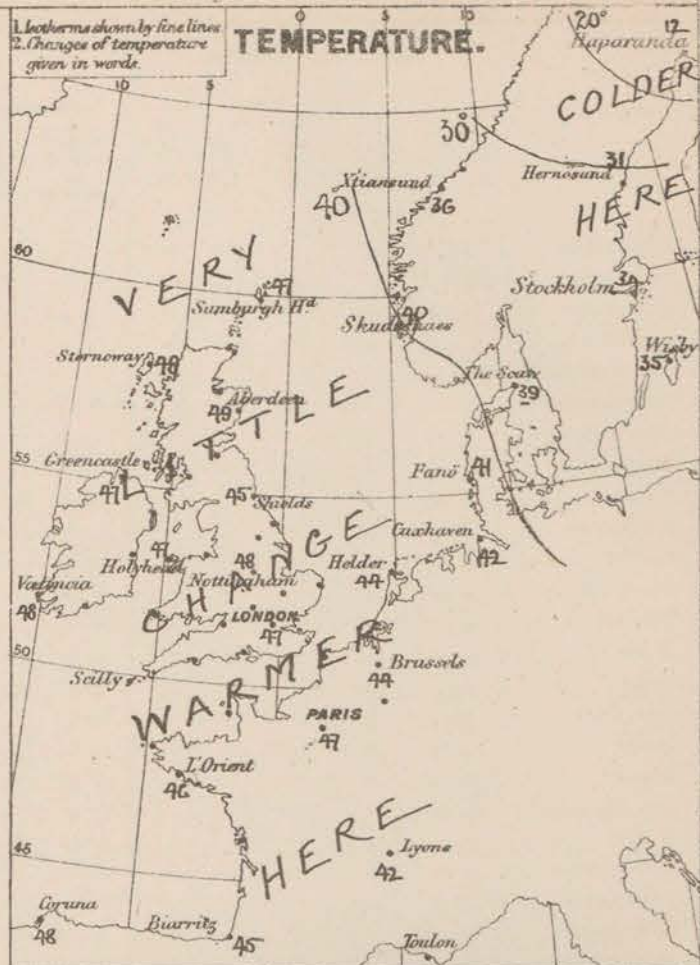
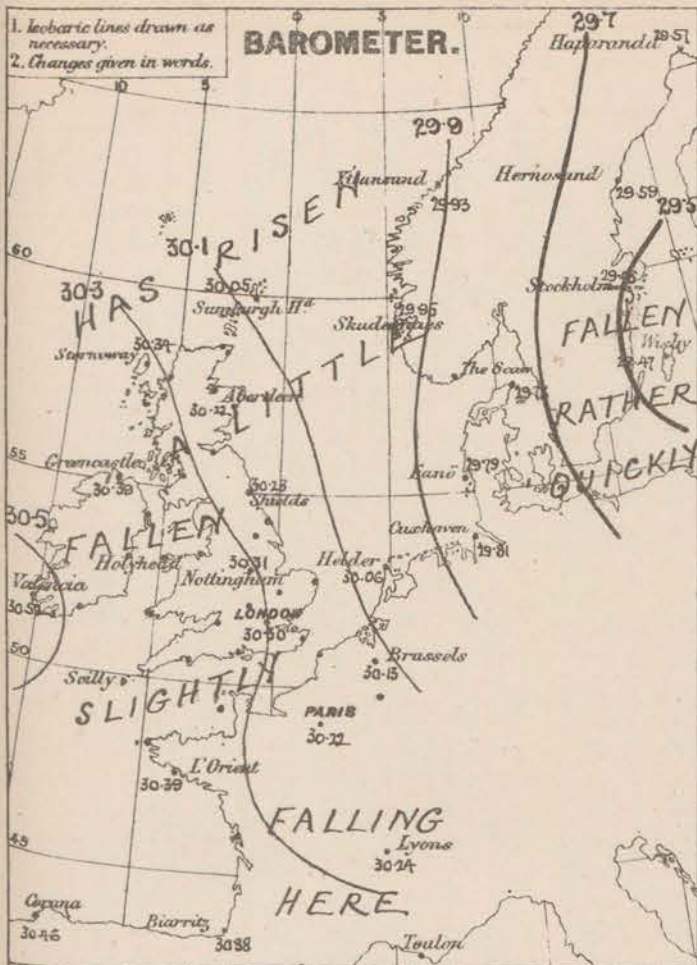
WEATHER.--Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* 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 Tuesday 19 MARCH. 1878.



REMARKS. Weather is moderately clear in the NE. of our Islands, and also on the Danish coast, but is overcast, and dull elsewhere with rain at Christiansund and Sumburg Head, and sun at Helsingør. A little rain fell at the stations N. W. and SE stations yesterday. Temperature has undergone very little change over our Islands generally since yesterday, but in the N. of Scandinavia it has fallen several degrees and is slow, while in France and the Channel it has risen. Over the United Kingdom and France it is very uniform between 45 and 49 F this morning. Wind is very light to moderate from between N and NW or almost all coast. At the Scaw, however, it is strong from NE, while at Wisby a fresh gale from NW is reported. Sea is rather rough on the Norwegian and Danish coast, slight or smooth round our Islands. Barometrical Indications. Pressure has increased a little at the N station since yesterday, but decreased elsewhere, and readings vary from 30.52 ins. at Valentia to 29.47 ins. at Wisby. There is at present no sign of any sudden change.

DAILY WEATHER REPORT MARCH 20TH 1878.

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 ...	29.75	30	Z	0	0	29.76	+ .19	16	15	+ 4	Z	0	bc	*	30	10	1	
Hernösand ...	29.88	30	Z	0	0	29.86	+ .27	30	27	- 1	S	2	o	*	*	*	1	
Stockholm ...	29.78	32	N	4	0	29.94	+ .46	29	27	- 5	Z	0	0	*	*	*	1	
Wisby ...	29.64	34	NN	9	0	29.89	+ .42	33	32	- 2	NNE	8	bc	*	*	*	1	
Christiansund																		
Skudesnaes ...	30.03	40	NN	1	0	30.05	+ .10	44	43	+ 4	NN	4	tf	3	?	39	0.16	
Oxö (Xtiansand)	29.95	39	N	4	0	29.97	+ .13	45	41	+ 4	NNN	4	c	2	?	34	-	
Skagen (The Head)	29.99	36	NNN	2	0	29.99	+ .21	36	35	- 3	SN	3	o	1	46	30	-	
Fanö ...	30.06	35	N	1	0	30.08	+ .29	42	42	+ 1	NN	4	m	*	46	34	-	
Cuxhaven ...	30.04	42	N	4	0	30.15	+ .34	41	41	- 1	NNN	1	f	*	?	37	-	
Sumburgh Head	30.11	47	NN	5	0	30.05	0.00	46	45	- 1	NN	5	c	5	45	44	0.01	
Stornoway	30.30	49	N	3	0	30.23	- .11	47	45	- 1	NNN	5	bc	5	51	41	0.01	
Thurso ...	30.22	48	N	3	0	30.18	- .01	45	44	- 2	SN	2	o	3	54	42	-	
Wick ...	30.23	47	NN	4	0	30.19	+ .01	46	44	- 1	SN	2	c	0	54	42	-	
Nairn ...	30.29	48	N	1	0	30.26	- .02	45	42	- 4	Z	0	bc	1	52	45	-	
Aberdeen ...	30.25	51	NNN	3	0	30.27	+ .05	46	43	- 3	N	1	0	1	54	44	-	
Leith ...	30.26	52	NN	3	0	30.30	+ .04	46	45	- 1	NNN	1	0	*	61	43	-	
Shielda ...	30.29	50	E	1	0	30.35	+ .07	46	43	+ 1	N	1	0	2	54	43	-	
Scarborough	30.32	50	NNN	2	0	30.36	+ .08	47	45	- 2	NN	1	0	2	54	46	-	
York ...	30.31	51	NN	1	0	30.37	+ .08	44	42	- 3	N	1	0	*	57	42	-	
Nottingham ...	30.33	51	NN	0	0	30.42	+ .11	48	45	0	NNN	1	0	*	57	40	-	
Ardrossan ...	30.35	49	NNN	3	0	30.35	+ .03	48	46	- 1	N	2	0	2	52	47	-	
Greencastle ...	30.40	47	N	1	0	30.39	0.00	47	45	0	NNN	1	c	*	57	44	-	
Donaghadee ...	30.40	48	NN	3	0	30.41	+ .04	46	45	- 2	N	3	bc	2	52	43	-	
Kingstown ...	30.42	50	NN	4	0	30.46	+ .03	47	45	0	NNN	1	cm	1	50	45	-	
Holyhead ...	30.39	48	NNN	3	0	30.44	+ .05	47	46	0	NN	1	c	0	57	46	-	
Liverpool (Bidston)	30.36	46	NNN	3	0	30.42	+ .08	45	44	- 1	N	2	0	1	57	44	-	
Valencia ...	30.49	50	NN	2	0	30.47	- .05	48	47	0	Z	0	0	2	55	45	-	
Roche's Point...	30.49	51	N	2	0	30.48	- .01	47	43	0	N	1	0	1	53	44	-	
Pembroke ...	30.43	49	N	2	0	30.46	+ .05	47	46	0	Z	0	0	1	52	45	-	
Portishead ...	30.33	50	NNN	1	0	30.42	+ .09	46	44	- 2	NNN	2	0	1	54	40	-	
Scilly ...																		
Plymouth ...	30.38	51	NNN	2	0	30.43	+ .07	47	45	- 2	Z	0	of	*	54	46	-	
Hurst Castle ...	30.33	54	N	3	0	30.42	+ .10	46	45	- 3	NN	1	cm	1	55	43	-	
Dover ...	30.31	49	NNN	3	0	30.41	+ .18	47	46	0	NN	2	og	1	57	45	-	
London ...	30.34	52	NNN	2	0	30.41	+ .11	46	44	- 1	NNN	1	0	*	53	44	-	
Oxford ...	*	*	*	*	*	30.43	+ .11	44	43	- 3	Z	0	0	*	54	43	-	
Cambridge ...	30.34	48	N	1	0	30.40	+ .12	46	45	0	N	1	0	*	52	44	-	
Yarmouth ...	30.28	46	NNN	4	0	30.37	+ .16	45	44	- 1	NNN	2	cf	2	48	43	0.01	
The Helder ...	*	*	*	*	*	30.25	+ .22	44	43	0	NN	2	bc	*	*	*	-	
Cape Gris Nez	30.30	46	NN	3	0	30.42	+ .19	46	45	- 1	E	1	0	0	45	43	-	
Jersey ...																		
Brest ...	30.39	50	NNN	2	0	30.41	+ .03	46	45	- 2	Z	0	0	2	52	?	-	
L'Orient ...	30.38	50	N	2	0	30.45	+ .06	46	45	0	NE	2	m	1	52	45	-	
Rochefort ...	30.33	52	NN	3	0	30.39	+ .05	48	48	+ 2	ENE	1	0	3	54	41	-	
Biarritz ...	30.34	46	NNN	3	0	30.38	0.00	48	45	+ 3	NE	1	0	3	52	41	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.35	+ .22	44	43	0	NN	1	0	*	46	42	0.03	
Charleville ...	*	*	*	*	*	30.27	+ .21	44	*	+ 1	NNN	3	0	*	*	*	*	
Paris ...	30.29	49	NNN	3	0	30.40	+ .18	46	43	- 1	NNN	3	0	*	*	*	-	
Lyons ...	*	*	*	*	*	30.32	+ .08	50	*	+ 8	N	4	c	*	*	*	*	
Toulon ...	29.86	51	NN	5	0	29.99	- .02	48	43	+ 9	Z	0	m	3	59	39	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudeanaes ...	30.00	41	39	NN	6	0	3	Valencia	30.50	54	48	Z	0	am	1
Thurso	30.20	51	49	NNN	4	0	4	Scilly							
Scarborough ...	30.29	51	47	NNN	2	0	3	London	30.31	53	49	NNN	2	0	#
Greencastle ...	30.41	50	47	NN	1	0	#	Rochefort ...	30.32	52	50	NN	3	0	3
Holyhead	30.40	50	47	NNN	4	0	3								

No important change.

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.

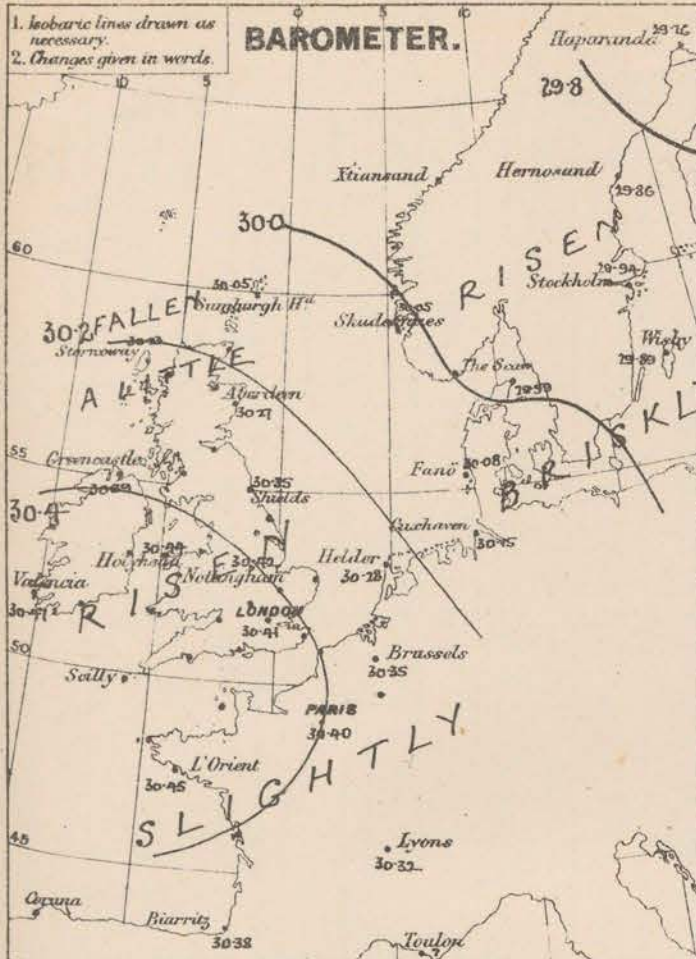
† The evening observations are taken at 8 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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.

WEATHER CHARTS for 8 a.m. on Wednesday 20 MARCH 1876.

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

BAROMETER.



DAILY WEATHER REPORT MARCH 21st 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).		Max.	Min.			
Haparanda ...	29.34	27	S	2	δ	29.28	- .48	25	24	+ 9	SW	2	δ	*	28	16	0.16	
Hernösand ...	29.59	40.	NSW	2	0	29.43	- .43	35	33	+ 5	W	2	δ	*	*	*	-	
Stockholm ...	29.75	34.	SW	4	0	29.52	- .42	37	35	+ 8	SW	4	0	*	*	*	-	
Wisby ...	29.93	32	SW	4	δ	29.69	- .20	37	36	+ 4	SW	8	0	*	*	*	-	
Christiansund ...	29.64	35	W	4	S	29.42	- .22	33	32	- 10	W	7	+	5	43	28	2.06	
Skudesnaes ...	29.99	43	W	4	0	29.73	- .32	42	39	- 2	W	4	0	3	45	?	0.08	
Oxö (Ålansand) ...	29.98	45	NSW	4	δ	29.72	- .25	43	42	- 2	NSW	6	δ	3	52	39	-	
Skagen (The Scaw) ...	29.93	42	NNW	3	δ	29.71	- .28	43	41	+ 7	W	6	0	5	50	?	-	
Fanö ...	30.13	41	W	4	0	29.98	- .10	42	42	0	W	6	0	*	?	39	-	
Cuxhaven ...	30.25	45	NNW	3	0	30.13	- .02	45	43	+ 4	W	2	0	*	?	39	-	
Sumburgh Head ...	29.92	47	W	6	m	29.87	- .15	34	32	- 12	W	6	5	6	50	32	0.02	
Stornoway ...	30.18	49	WSW	6	0	30.14	- .09	42	39	- 5	NNW	5	0	3	57	37	0.14	
Thurso ...	30.09	50	WSW	4	0	30.00	- .18	42	39	- 3	W	7	0	6	53	39	0.29	
Wick ...	30.27	49	W	3	0	30.01	- .18	40	38	- 6	NNW	4	0	2	54	37	0.12	
Nairn ...	30.15	50	W	3	0	30.11	- .15	41	39	- 4	W	0	0	1	54	40	0.42	
Aberdeen ...	30.19	53	NSW	2	0	30.07	- .20	43	40	- 3	NNW	3	δ	1	56	42	0.01	
Leith ...	30.26	50	NNW	1	0	30.09	- .21	48	46	+ 2	W	4	0	*	54	45	0.01	
Shields ...	30.31	50	W	4	0	30.16	- .19	47	43	+ 1	W	4	0	2	53	43	-	
Scarborough ...	30.33	50	W	2	0	30.20	- .16	50	46	+ 3	W	2	δ	2	53	47	-	
York ...	30.37	50	W	1	0	30.25	- .12	47	45	+ 3	NNW	2	δ	*	52	42	-	
Nottingham ...	30.40	49	NNW	1	0	30.30	- .12	47	45	- 1	NNW	2	0	*	52	45	-	
Ardrossan ...	30.32	51	WNW	3	0	30.17	- .18	50	47	+ 2	NNW	5	5	3	54	48	-	
Greencastle ...	30.35	50	W	2	0	30.25	- .14	49	47	+ 2	W	3	0	*	53	41	-	
Donaghadee ...	30.37	50	W	2	0	30.27	- .14	46	44	0	W	3	δ	2	53	41	-	
Kingstown ...	30.43	51	NNW	1	0	30.36	- .10	48	45	+ 1	W	3	δ	2	53	46	-	
Holyhead ...	30.42	49	SW	2	0	30.34	- .10	47	45	0	W	3	0	2	53	46	-	
Liverpool (Bidston) ...	30.41	46	W	2	0	30.31	- .11	49	44	+ 4	NSW	3	0	1	50	45	-	
Valencia ...	30.44	51	S	2	0m	30.40	- .07	48	47	0	W	0	0m	1	55	46	-	
Roche's Point ...	30.47	51	SW	2	0	30.41	- .07	47	45	0	W	2	0	2	53	45	-	
Pembroke ...	30.45	49	NNW	1	0	30.39	- .07	47	47	0	NNW	1	0	1	54	46	-	
Portishead ...	30.43	49	NSW	2	0	30.36	- .06	45	44	- 1	SW	4	0	1	51	42	-	
Scilly ...	30.44	51	W	0	0	30.39	- .04	46	44	- 1	W	0	0m	*	55	43	-	
Plymouth ...	30.44	51	SW	2	0m	30.37	- .05	46	45	0	W	1	0	0	54	44	-	
Hurst Castle ...	30.41	51	WNW	1	0m	30.33	- .05	46	43	- 1	NNW	2	0	1	53	45	-	
Dover ...	30.39	50	NNW	2	0	30.34	- .07	46	43	0	NSW	1	0	*	55	43	-	
London ...	30.41	52	W	2	0	30.35	- .08	44	42	0	W	1	0	*	52	43	-	
Oxford ...	30.39	47	W	1	0	30.31	- .09	46	43	0	W	1	0	*	59	44	-	
Cambridge ...	30.35	50	NNW	2	0m	30.27	- .10	45	44	0	W	2	0m	2	53	43	-	
Yarmouth ...	30.35	50	NNW	2	0m	30.21	- .07	44	43	0	NSW	1	0	*	*	*	-	
The Helder ...	30.40	46	W	1	m	30.34	- .08	43	43	- 2	W	1	m	0	50	45	-	
Cape Gris Nez ...	30.42	?	NNW	2	0	30.38	- .03	46	45	0	NE	1	m	2	50	?	-	
Brest ...	30.43	50	SW	1	δ	30.38	- .07	48	45	+ 2	E	2	m	2	55	43	-	
L'Orient ...	30.29	50	NNW	3	0	30.25	- .11	45	43	- 3	W	3	δ	3	57	43	-	
Rochefort ...	30.40	52	W	2	0	30.34	- .08	43	43	- 2	W	1	m	0	50	45	-	
Biarritz ...	30.41	52	W	2	0	30.34	- .08	43	43	- 2	W	1	m	0	50	45	-	
Corunna ...	30.41	52	NNE	3	0	30.36	- .04	48	44	+ 2	W	2	0	*	*	*	-	
Lyons ...	30.29	52	W	2	0	30.29	- .03	48	45	- 2	W	4	0	*	*	*	-	
Toulon ...	30.03	52	E	2	m	30.09	+ .10	52	45	+ 4	W	0	m	0	63	48	-	

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

	Bar.	Dry.	Wet.	Wind.		Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.
Skudesnaes ...	30.05	44	43	W	4	0	δ	Valencia	30.46	53	47	SSW	2	0	3
Thurso	30.13	51	48	SW	4	0	4	Scilly							
Scarborough ...	30.36	52	47	NNW	1	0	1	London	30.42	54	48	W	2	0	*
Greencastle ...	30.37	52	48	NSW	2	0	*	Rochefort ...	30.39	52	50	NNW	3	0	*
Holyhead	30.45	52	47	NSW	3	0	2								

No important change.

EXPLANATION OF COLUMNS.

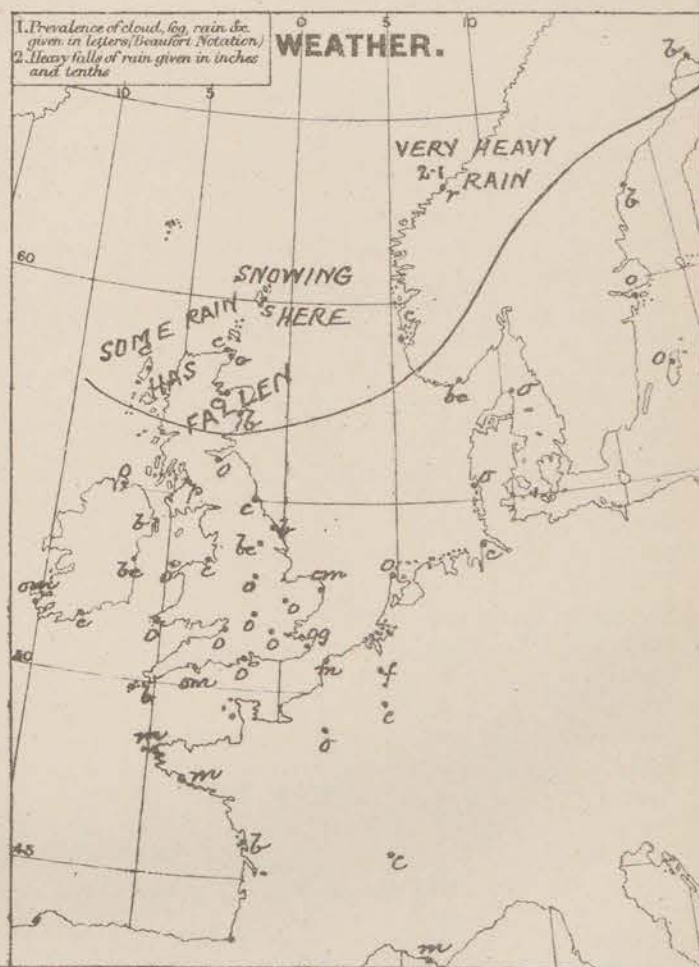
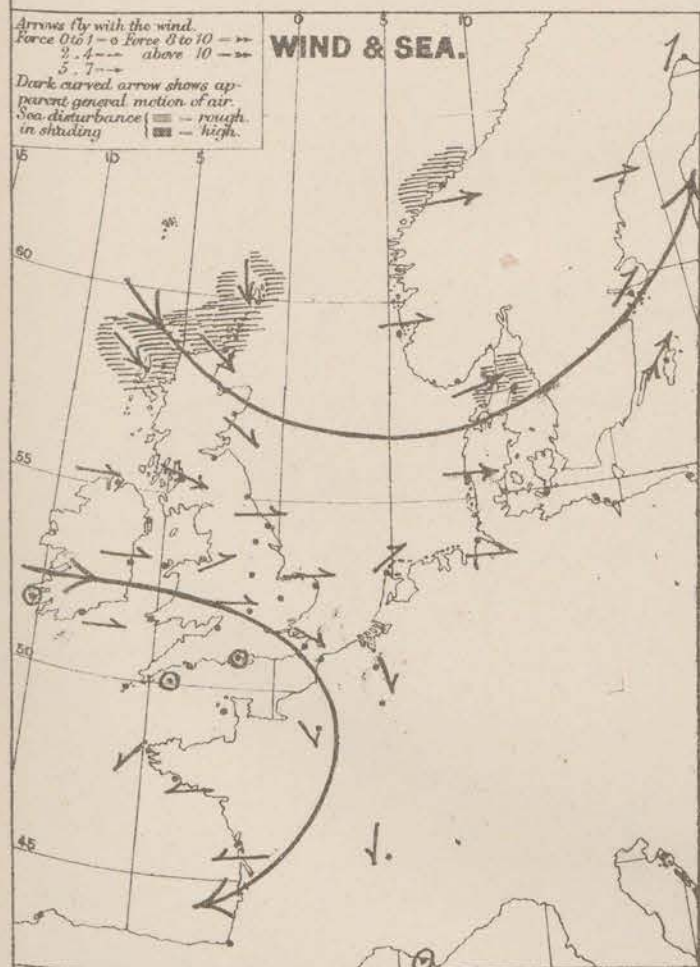
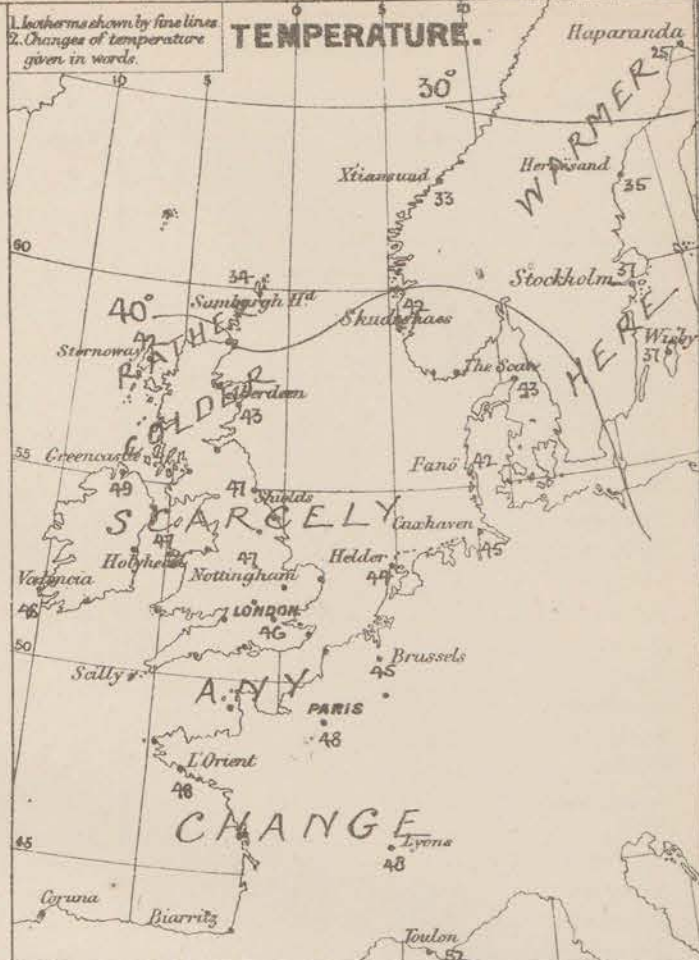
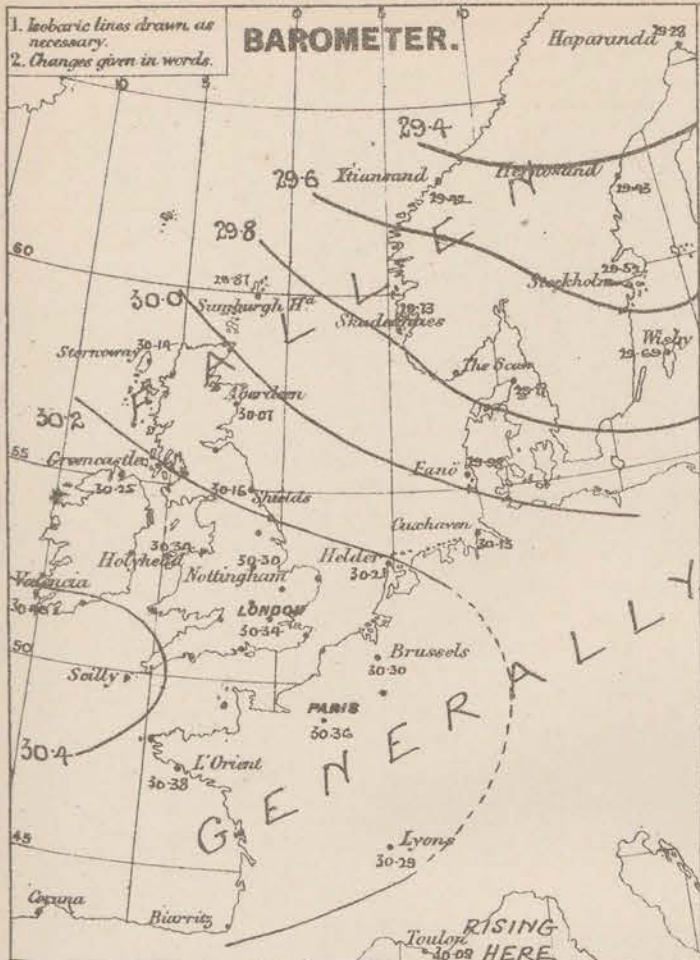
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 21 March 1878.



REMARKS. Weather is dull and very cloudy over nearly the whole of W^e Europe, with rain and snow at Christiana and as well as at some of the Scotch stations. In France, however, the weather is finer, but hazy. A little rain and snow fell in Scotland yesterday, and more than two inches at Christiana. Temperature has undergone very little change in Ireland, England and France, but has fallen in the N. It is now as low as 34° in the Shetlands, and W. of Norway, while it varies from 40° to 43° in Scotland, and from 45° to 48° over Ireland, England and the greater part of France. At London it has risen to 52°. Wind has become strong at the more exposed of the N^e stations. It is N^e at Limerick W^e, NW^e over Scotland, W in the S. of Norway, and SW in Sweden. In Ireland and England it is moderate or light from the W^e, while in France it is light from between N and E. Sea is rough on the extreme N^e and E^e coasts, smooth over the coasts of Ireland, England and France.

Barometrical Indications. The depression which was advancing towards the N^W station yesterday is travelling away over Scandinavia but is apparently covering a more and more extensive area as it progresses. The barometer is probably now rising in the W. of Scotland, but still falls on the extensive NE^W and E^W coasts.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

MARCH 22nd 1878.

STATIONS.	↑ YESTERDAY EVENING.					8 A.M. TO DAY.										PART 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 ...	29.23	19	Z	0	6	29.24	-.04	19	18	- 6	N	4	6c	*	36	12	-	
Hernösand ...	29.17	34	NNW	4	5	29.06	-.37	32	30	- 3	NNE	4	0	*	*	*	0.04	
Stockholm ...	29.06	39	SW	4	C	28.89	-.63	26	24	- 12	WSW	8	5	*	*	*	0.04	
Wisby ...	29.38	39	SW	6	6c	29.20	-.49	33	32	- 4	W	9	6	*	*	*	-	
Christiansund ...	29.34	29	NNW	4	C	29.45	+ .03	36	32	+ 9	NNW	8	C	7	36	25	0.32	
Skudeanaes ...	29.60	33	N	7	5	29.55	-.18	36	33	- 6	NNW	7	C	4	?	32	-	
Oxö (Xiänsand) ...	29.48	33	N	5	6	29.45	-.27	33	32	- 10	NNW	6	6	3	43	28	-	
Skagen (The Seaw) ...	29.49	35	NNW	8	6	29.36	-.85	33	36	- 10	NNE	5	6	5	45	27	0.04	
Fanö ...	29.78	37	NNW	7	6	?	?	39	35	- 3	NNW	8	6	*	45	32	0.04	
Cuxhaven ...	29.93	45	NNW	5	0	29.78	-.35	39	37	- 6	NW	5	6	*	45	36	0.39	
Sumburgh Head ...	29.91	34	N	6	5	29.83	-.04	32	32	- 2	N	6	5	6	24	28	0.05	
Stornoway ...	30.20	26	NNW	3	C	30.10	-.04	34	33	- 8	NNW	4	6c	4	47	29	0.06	
Thurso ...	30.09	36	NNW	6	0	29.97	-.03	35	34	- 7	NNW	6	Sp	5	42	30	0.14	
Wick ...	30.07	33	N	3	5	29.97	-.04	33	30	- 7	NNW	4	0	2	41	27	0.11	
Nairn ...	30.19	35	N	4	C	30.08	-.03	31	30	- 10	N	4	0	2	45	30	0.02	
Aberdeen ...	30.11	38	NNW	4	CPS	29.96	-.11	31	30	- 12	NNW	4	5	2	47	30	0.14	
Loith ...	30.06	44	ENE	4	C	30.03	-.06	35	33	- 13	NNW	2	6	*	57	31	-	
Shields ...	30.13	42	NNE	5	0	30.02	-.14	35	31	- 12	NNW	4	6	2	54	29	-	
Scarborough ...	30.09	46	NNW	2	0	30.01	-.19	40	36	- 10	NNW	3	6	4	59	35	-	
York ...	30.11	49	NNW	3	6c	30.04	-.21	37	32	- 10	N	3	6	*	57	32	-	
Nottingham ...	30.16	51	NNW	4	0	30.08	-.22	35	32	- 12	N	1	5	*	58	33	-	
Ardrossan ...	30.18	42	NNW	5	0	30.08	-.09	36	32	- 14	NNW	3	6	2	50	34	-	
Greencastle ...	30.27	43	N	2	0	30.14	-.11	37	36	- 12	N	2	C	*	50	33	0.12	
Donaghadee ...	30.24	42	N	5	6c	30.13	-.14	40	35	- 6	N	5	6	3	50	37	-	
Kingstown ...	30.26	47	N	4	0	30.16	-.20	40	38	- 8	NNW	5	0	4	54	38	0.04	
Holyhead ...	30.24	45	NNE	3	m	30.13	-.21	37	37	- 10	N	2	rs	2	54	36	0.10	
Liverpool (Bidston) ...	30.20	45	NNW	3	0	30.07	-.24	39	34	- 10	NNW	2	6c	2	57	39	-	
Valencia ...	30.32	52	NNW	2	C	30.20	-.20	49	40	+ 1	NE	2	6c	3	57	41	-	
Roche's Point ...	30.32	49	NNW	4	C	30.19	-.22	43	40	- 4	N	3	6	2	52	41	0.02	
Pembroke ...	30.28	49	NNW	1	0	30.13	-.26	42	39	- 5	NNE	1	6	1	52	40	-	
Portishead ...	30.24	47	WSW	1	6	30.10	-.26	40	36	- 5	NNW	2	6	2	52	39	-	
Seilly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plymouth ...	30.28	51	Z	0	0	30.08	-.31	44	41	- 2	N	2	0	*	55	38	-	
Hurst Castle ...	30.24	51	NNW	2	0	30.08	-.29	41	38	- 5	NNE	3	0	2	52	38	-	
Dover ...	30.20	47	N	2	C	30.02	-.31	42	39	- 4	NNW	2	6c	1	53	41	-	
London ...	30.20	53	N	2	C	30.03	-.31	38	35	- 8	NNW	3	6c	*	56	38	-	
Oxford ...	...	...	...	...	...	30.05	-.30	38	35	- 6	NNW	1	6	*	53	35	-
Cambridge ...	30.15	50	N	1	C	30.01	-.30	37	36	- 9	NNW	2	0	*	57	37	0.03	
Yarmouth ...	30.11	51	N	2	0	30.01	-.26	37	36	- 8	NNW	1	rs	2	53	36	0.05	
The Helder ...	...	...	...	...	...	29.93	-.28	39	37	- 5	NNW	2	C	*	*	*	-
Cape Gris Nez ...	30.20	46	WSW	3	0	30.01	-.33	41	37	- 2	NNW	2	C	1	50	39	0.01	
Jersey ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brest ...	30.30	52	NE	3	m	30.16	-.22	45	43	- 1	N	2	0	2	52	46	-	
L'Orient ...	30.29	50	NNW	2	C	30.12	-.26	45	43	- 3	ENE	2	0	2	57	43	-	
Rocheport ...	30.19	55	ENE	2	6	30.08	-.20	45	43	0	NE	4	6	3	53	39	-	
Biarritz ...	30.15	50	NNW	3	6	30.06	-.19	45	43	+ 5	SSW	3	6	3	57	39	-	
Corunna ...	...	...	...	...	...	30.17	-.07	41	...	+ 4	SW	3	C	1	*	*	...
Brussels ...	...	...	...	...	...	29.96	-.34	43	42	- 2	N	1	0	*	49	43	-
Charleville ...	...	...	...	...	...	30.00	-.33	42	...	- 1	WSW	3	0	*	*	*	...
Paris ...	30.23	51	NNW	3	0	30.04	-.32	46	42	- 2	N	3	0	*	53	*	-	
Lyons ...	...	...	...	...	...	30.11	-.18	46	...	- 2	SE	2	m	*	*	*	...
Toulon ...	30.11	55	N	1	6	30.05	-.04	48	45	- 4	SE	1	m	3	64	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.67	33	31	SSW	7	5h	4	Valencia ...	30.27	36	31	NNW	2	0	2
Thurso	30.08	36	34	NNW	7	qsp	6	Seilly							
Scarborough ...	30.08	34	48	NNW	3	6c	2	London	30.24	52	47	NNW	1	0	0
Greencastle ...	30.26	45	44	NNW	1	0	*	Rocheport ...	30.24	63	52	E	4	6	3
Holyhead	30.27	53	50	N	4	C	3								

Pressure is now recovering slightly at Thurso but still decreases elsewhere. The winds are unchanged, but in Cathness showers of snow are falling.

EXPLANATION OF COLUMNS.

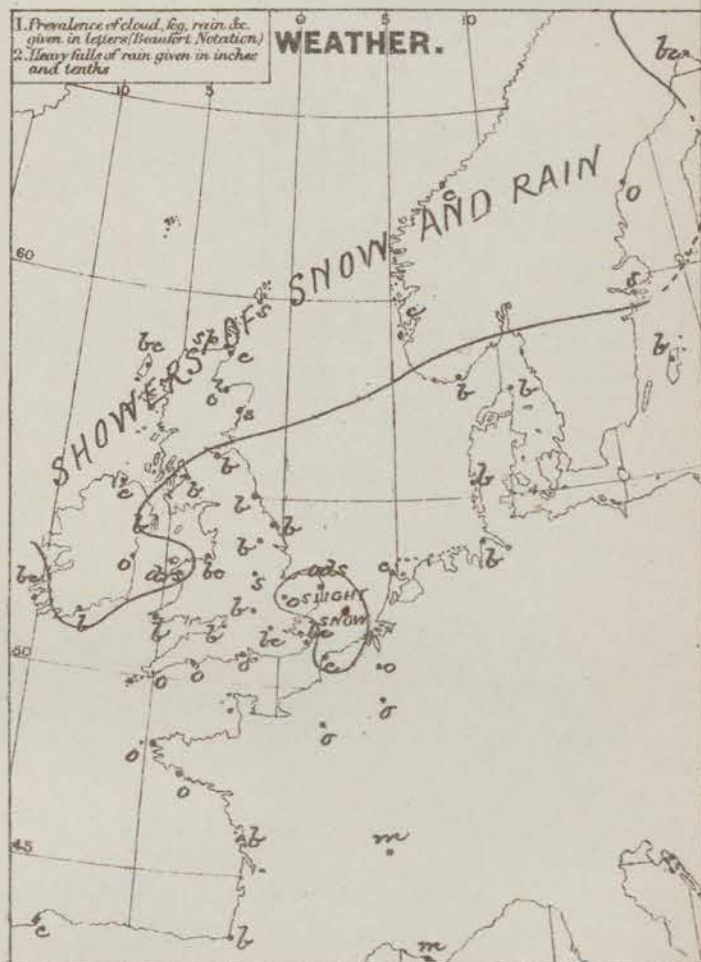
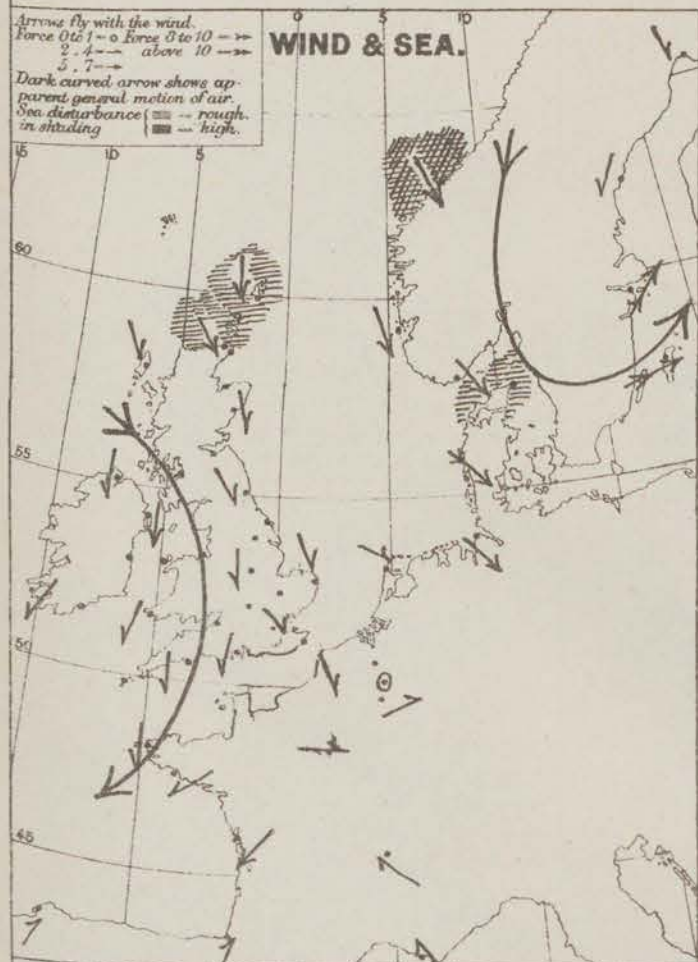
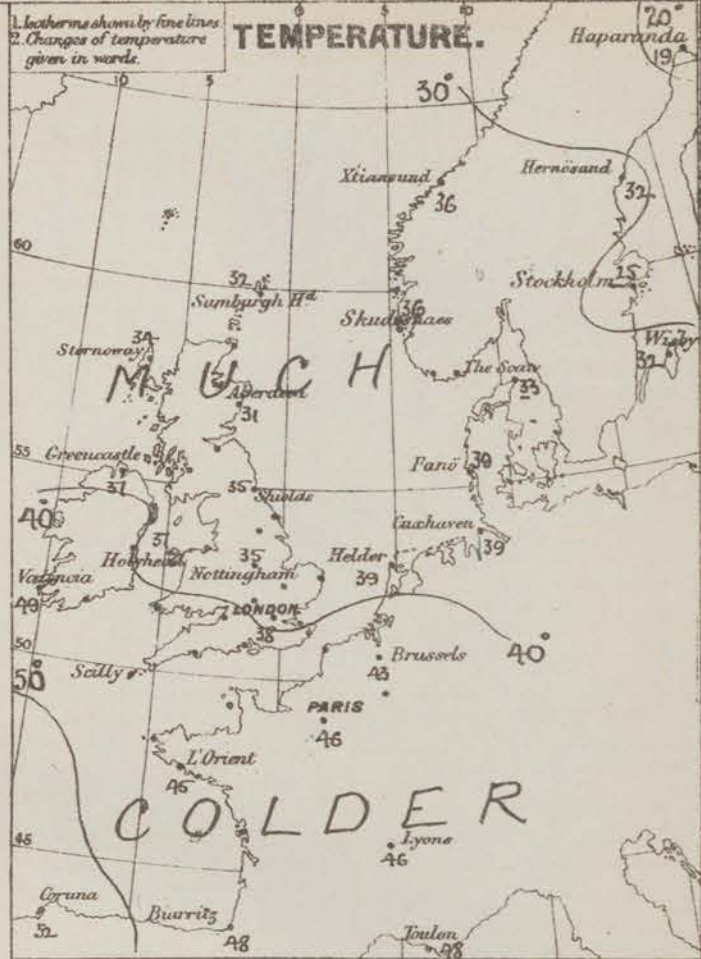
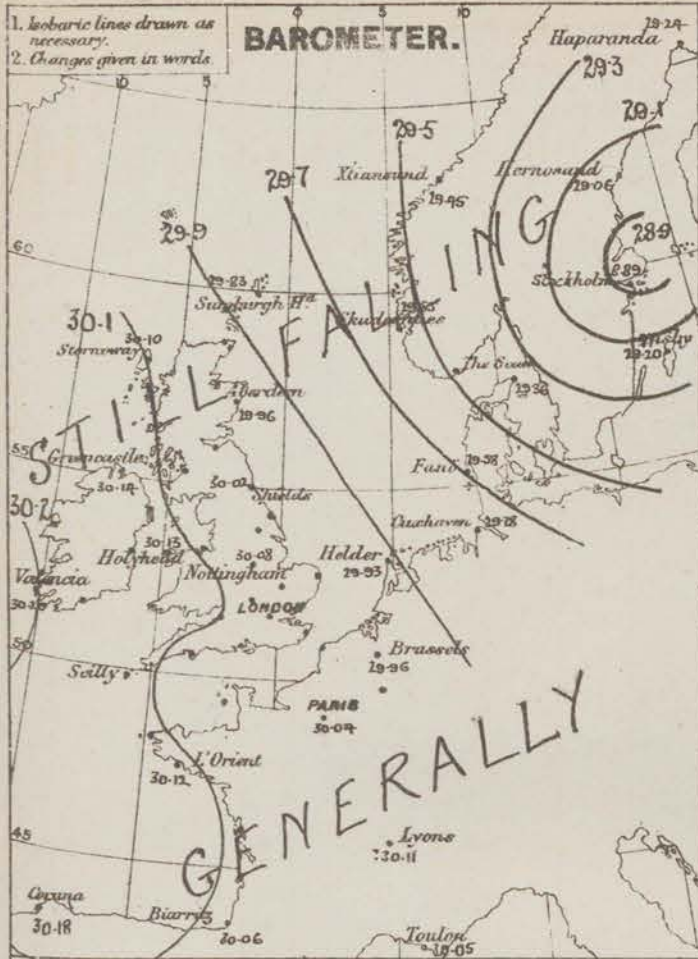
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Friday 22 MARCH, 1878.



REMARKS. Weather has undergone a great change in all parts of W Europe. The sky is very variably covered with clouds in the different parts of our Islands, being clear in many places, and overcast in others. Showers of snow and rain have set in on an NW.N. and NE coast. ^(Of our Islands, and the change is now spreading to France) Temperature has fallen several degrees in all parts. Readings now vary from 49° at Valentia to 45° at Paris, 57° on the east of England, and 31° to 33° in Scotland. The Scotch temperatures have consequently fallen about 15° in the past 48 hrs: and are, together with those in the E. of England, 6° or 7° below the average. Wind is N^W by W^W in the limited Shetland, and NE^E in the W. of France as far as our N^W coast, light in the S. On the E^W shore of the North Sea gales and strong winds from the NW^W are reported, while stiff SW^W gales prevail in the Baltic. Sea is rough in the N. and the extreme E, but is slight on our W^W, E^W and S^W coasts, as well as in the Bay of Biscay.

Barometrical Indications. The centre of a rather deep depression has advanced to the neighbourhood of Stockholm from the NW, and the barometer is falling on all our own and neighbouring coasts. Over our Islands and France gradients are slight, but they are very steep to the E^W of the North Sea.

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

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

MARCH 23RD 1878.

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 5).	SHADE TEMP.		Bar. at 32° F. and Sea Level.			
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	29.48	27	N	4	0	29.04	- .20	24	24	+ 5	NE	6	0	*	28	18	-		
Härnösand ...	29.11	28	NNE	4	0	29.11	+ .05	28	26	- 4	NNN	2	0	*	28	18	-		
Stockholm ...	29.14	30	N	4	0	29.20	+ .31	24	22	- 1	NNN	2	0	*	28	18	0.04		
Wisby ...	29.20	35	NN	8	C	29.23	+ .03	32	31	- 1	N	6	0	*	28	18	0.04		
Christiansund ...																			
Skudesnaes ...	29.50	32	NN	8	0	29.42	- .13	35	33	- 1	NN	5	0	*	32	28	-		
Oxö (Xtiansand) ...	29.47	30	NN	4	0	29.36	- .09	33	28	0	NNE	3	0	*	32	28	-		
Skagen (The Sæw) ...	29.41	37	N	5	0	29.34	- .02	36	32	+ 3	NE	3	0	*	32	28	-		
Fanö ...	29.46	37	NN	4	0	29.45	?	36	34	- 3	N	2	0	*	32	28	0.08		
Cuxhaven ...	29.68	39	NN	5	0	29.51	- .27	35	35	- 4	SN	1	0	*	32	28	-		
Sumburgh Head ...	29.80	30	NNE	5	0	29.61	- .22	33	31	+ 1	NNE	6	0	*	32	28	0.02		
Stornoway ...	30.03	32	N	6	0	29.81	- .29	34	33	0	NNE	3	0	*	32	28	0.05		
Thurso ...	29.92	32	NNN	6	0	29.73	- .24	36	35	+ 1	NN	5	0	*	32	28	0.16		
Wick ...	29.89	30	N	4	0	29.72	- .25	33	32	0	NN	2	0	*	32	28	0.17		
Nairn ...	29.99	33	NNN	5	0	29.79	- .29	33	32	+ 2	NNN	3	0	*	32	28	0.02		
Aberdeen ...	29.87	34	NNN	4	0	29.69	- .27	34	31	+ 3	NNN	4	0	*	32	28	0.17		
Leith ...	29.93	38	N	4	0	29.75	- .28	35	32	0	NN	3	0	*	32	28	-		
Shields ...	29.88	37	N	4	0	29.73	- .29	33	32	- 2	NN	4	0	*	32	28	-		
Scarborough ...	29.88	37	NNN	3	0	29.70	- .31	34	32	- 6	NNN	4	0	*	32	28	0.10		
York ...	29.91	36	NNE	1	0	29.77	- .27	31	29	- 6	N	3	0	*	32	28	-		
Nottingham ...	29.94	35	NNN	3	0	29.79	- .29	31	29	- 4	NN	1	0	*	32	28	-		
Ardrossan ...	29.96	40	N	3	0	29.81	- .27	36	33	0	NNN	2	0	*	32	28	-		
Greencastle ...	30.06	38	N	2	0	29.87	- .27	35	35	- 2	N	1	0	*	32	28	0.10		
Donaghadee ...	30.00	40	N	5	0	29.86	- .27	34	33	- 6	N	3	0	*	32	28	-		
Kingstown ...	30.04	40	NNN	3	0	29.94	- .22	34	33	- 6	NNN	5	0	*	32	28	0.03		
Holyhead ...	29.99	40	N	4	0	29.85	- .28	37	37	0	NN	6	0	*	32	28	0.02		
Liverpool (Bidston) ...	29.96	34	NNE	2	0	29.82	- .25	36	33	- 3	NNN	1	0	*	32	28	0.01		
Valencia ...	30.10	42	N	3	0	30.09	- .11	39	38	- 10	L	0	0	*	32	28	-		
Roche's Point ...	30.08	36	NNE	4	0	30.05	- .14	36	33	- 7	NN	3	0	*	32	28	-		
Pembroke ...	30.00	39	N	3	0	29.92	- .21	37	35	- 5	NNN	5	0	*	32	28	0.10		
Portishead ...	29.90	46	N	3	0	29.85	- .25	35	31	- 5	NNN	4	0	*	32	28	-		
Scilly ...																			
Plymouth ...	29.94	45	N	3	0	29.90	- .18	37	35	- 7	NN	2	0	*	32	28	-		
Hurst Castle ...	29.92	46	N	4	0	29.84	- .24	38	31	- 8	N	3	0	*	32	28	-		
Dover ...	29.88	37	NNE	3	0	29.74	- .28	33	30	- 9	NNN	3	0	*	32	28	0.01		
London ...	29.90	41	NNN	2	0	29.80	- .23	31	29	- 7	NNN	1	0	*	32	28	-		
Oxford ...						29.81	- .24	31	29	- 7	NN	1	0	*	32	28	-		
Cambridge ...	29.88	26	N	1	0	29.76	- .25	30	28	- 7	NN	1	0	*	32	28	-		
Yarmouth ...	29.89	37	NNN	2	0	29.69	- .32	33	32	- 4	NNN	3	0	*	32	28	0.04		
The Helder ...						29.57	- .36	36	35	- 3	NN	2	0	*	32	28	0.04		
Cape Gris Nez ...	29.89	37	NNE	4	0	29.75	- .26	34	32	- 7	N	4	0	*	32	28	-		
Jersey ...																			
Brest ...	29.98	52	N	3	0	29.92	- .24	37	34	- 8	N	3	0	*	32	28	0.20		
L'Orient ...	29.97	46	NNN	3	0	29.89	- .23	37	34	- 8	N	5	0	*	32	28	0.04		
Rochefort ...	29.94	52	NN	4	0	29.76	- .32	41	39	- 4	N	6	0	*	32	28	0.12		
Biarritz ...	29.96	55	? N	4	0	29.80	- .26	36	40	+ 2	? N	5	0	*	32	28	0.08		
Corunna ...																			
Brussels ...						29.67	- .29	33	32	- 10	NN	2	0	*	32	28	0.04		
Charleville ...																			
Paris ...	29.85	45	NN	3	0	29.73	- .31	37	33	- 9	NNE	3	0	*	32	28	0.24		
Lyons ...						29.68	- .43	53		+ 7	SE	4	0	*	32	28	-		
Toulou ...	29.93	52	SN	3	0	29.77	- .28	48	48	0	L	0	0	*	32	28	-		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes ...	29.57	38	33	NNN	5	0	Valencia ...	30.14	45	42	N	3	0
Thurso ...	29.95	37	35	NNN	6	0	Scilly ...						
Scarborough ...	29.93	40	36	NNN	4	0	London ...	29.97	42	37	NN	2	0
Greencastle ...	30.11	36	35	NNE	2	0	Rochefort ...	30.05	55	50	NN	5	0
Holyhead ...	30.06	41	41	N	4	0							

No important change.

EXPLANATION OF COLUMNS.

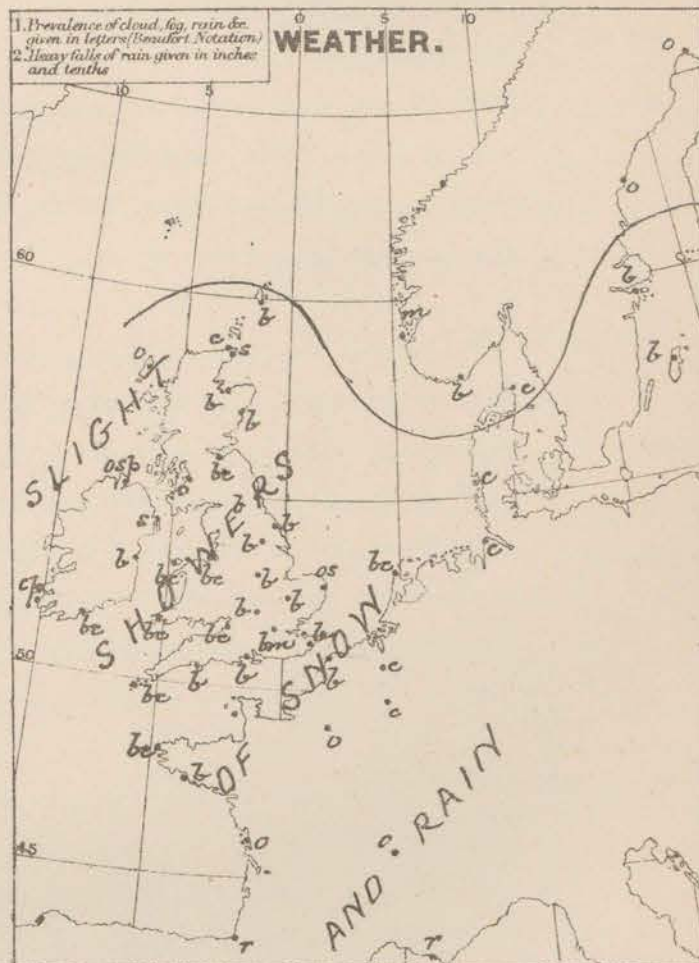
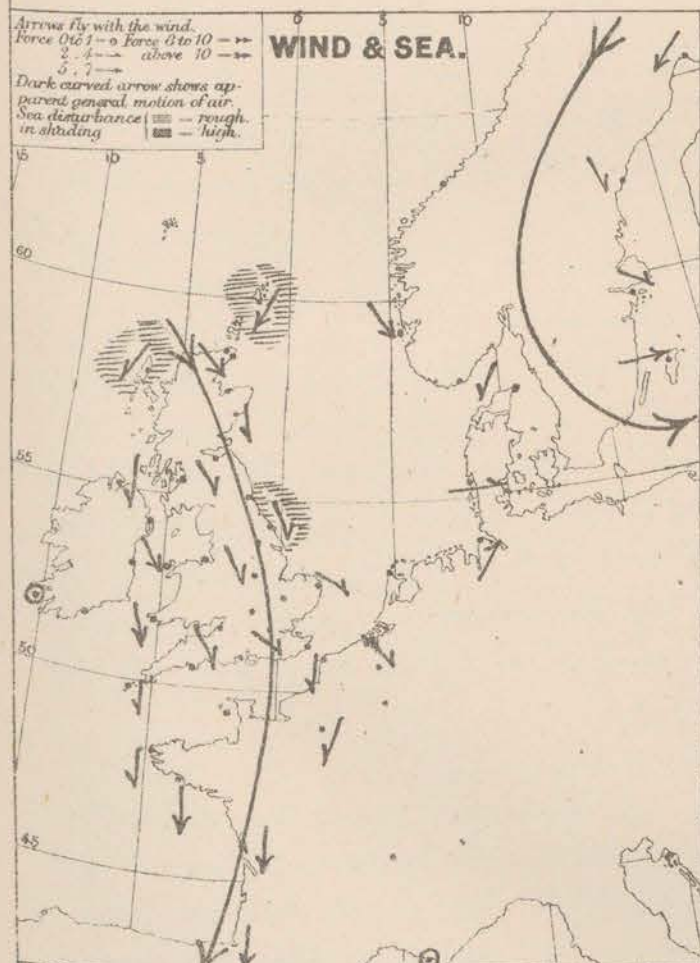
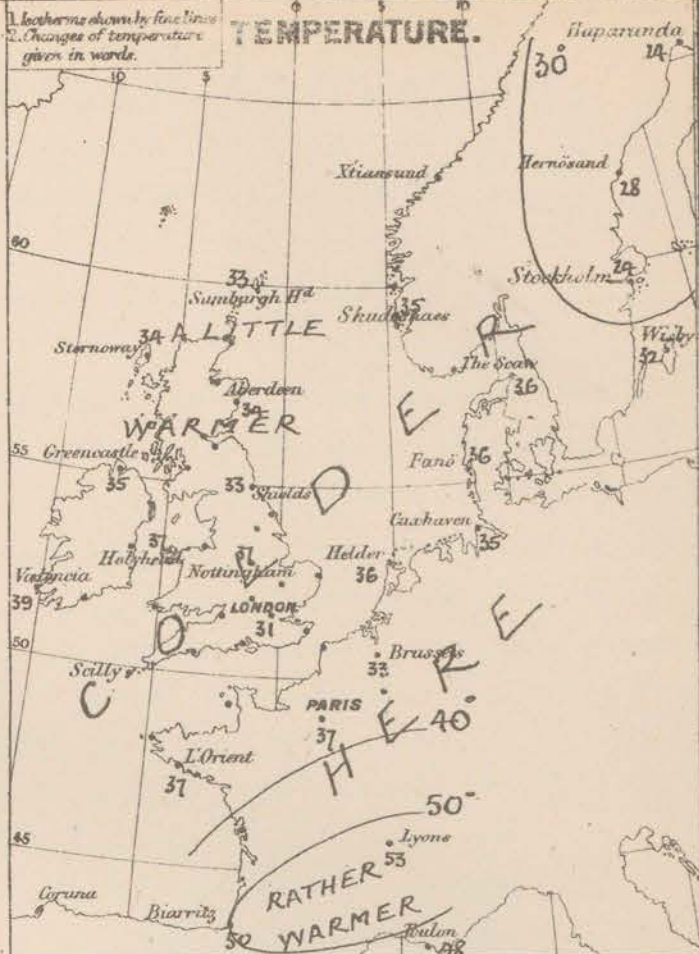
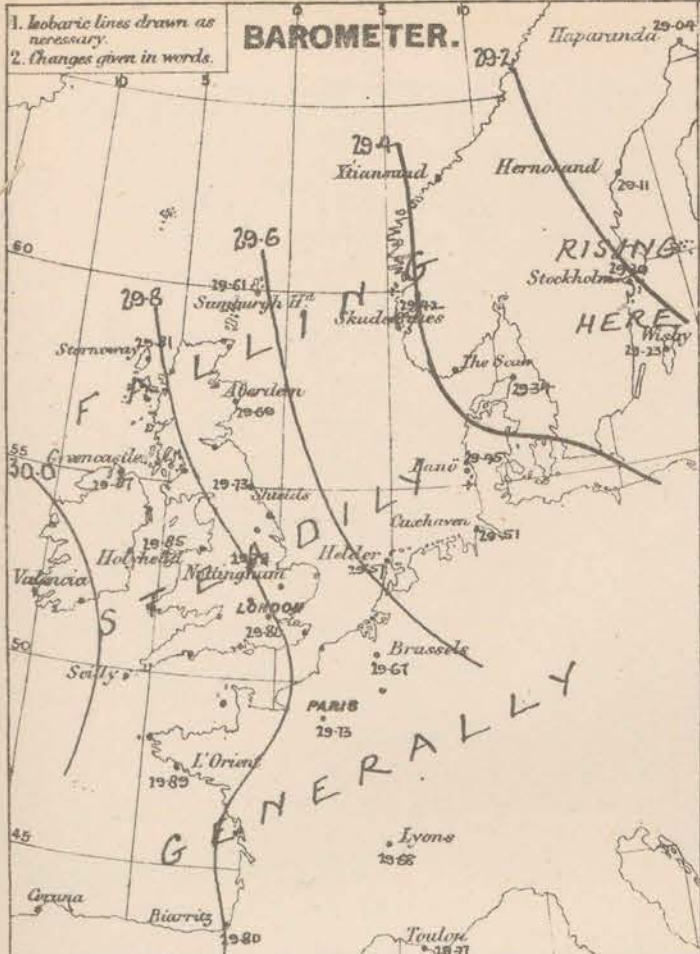
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 23 MARCH. 1878.



REMARKS. Weather is finer and brighter over the United Kingdom than it was yesterday, but slight chances of snow are still reported from some of the N^o and E^o stations. Snow fell during yesterday. Temperature has continued to decrease except in the N, and is now low for March in all parts of our Islands; the readings this morning varying from 39° at Valentia to 34° in the E of Ireland, and to 31° over the inland counties of England. The temperatures at the E and E^o English coast stations vary from 33° to 37°. Wind is moderate to fresh from NE on our west N^o coasts and from NW in the W, light to moderate from NW in the E, and from W in Holland and N Germany, while in the Bay of Biscay it is fresh from N. The gales reported yesterday on the E shores of the North Sea have died down. Sea is still rough in the N, moderate in the W and E, slight or smooth in the S.

Barometrical indications. Pressure has increased somewhat in Sweden as the depression retired thence yesterday has travelled away over Russia; but in our Islands the barometer continues to fall steadily and uniformly. Radiants for N^o winds are consequently becoming much less steep than they have been of late.

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

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

R. H. SCOTT.

Secretary.

SUMMARY OF WEATHER IN WESTERN EUROPE

from MARCH 17th to MARCH 23rd 1878.

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

Very little change has occurred in the general distribution of pressure and winds during this week. Readings have been steadily highest off our S.W. coast, and depressions of varying intensity have passed in a S.E. direction across Scandinavia. In consequence N.W. to N. winds have prevailed generally, their force ranging from a light breeze to a fresh or moderate gale. Temperature was about the average in the middle of the week, but towards the close it fell quickly, and on Saturday was low on all coasts. Weather had been moderately fine and during the first few days very dry, but snow showers subsequently became general.

MARCH 17th The barometer was rising over France and at our S.W. stations, but falling in all other parts of our area, it was, however, high over the whole of N.W. Europe, readings varying from 30.7 in. in the south of Ireland to 29.9 in. in the north of Sweden. Wind drove from N. at our more northern stations, though N.W. and N. in the east and south into N.E. over the Bay of Biscay; it was light or moderate in force except in the Shetlands and Hebrides. Temperature had fallen over France but risen in other parts the change being slight at most of our stations but considerable in Scandinavia. Weather was clear over the greater part of France and North Germany, but was cloudy or dull at most of our own and the Norwegian stations. Rain was falling in the North. In the evening pressure was going down in all places but no other change was reported.

MARCH 18th The mercury was still falling everywhere, the change being less than 0.1 in. in the S.W. but as much as 0.5 in. in the N. of Norway, readings varied from 30.6 in. at Valentia to 29.9 in. in the Shetlands and 29.5 in. in Sweden, gradients were consequently much steeper. Wind was N.E. to N.W. on all coasts, and though still generally moderate, blew strongly in Scotland. Temperature had risen briskly except in Sweden, it was rather low over France and on our S. coast, but was very uniform at from 47° to 50° elsewhere. Weather was overcast with rain in the N. of Ireland and N. of Norway. In the evening the barometer was rising in the N. though it still fell in the S. the wind at the same time veered more towards N.

MARCH 19th The increase of pressure noticed in the N. on the previous evening, had spread S.W. over the greater part of the United Kingdom, but in the S.W. and over France the barometer still fell. Readings remained highest off the N. of Ireland, and lowest over the Baltic. Wind was N.E. to N.W. on all coasts, and though light at our stations, blew freshly on the eastern shores of the North Sea. Temperature had risen slightly over France, but changed little and irregularly in these Islands. Weather was dull or cloudy in nearly all places, slight rain had fallen in the S.W. and S.E. snow or rain in the N. During the day pressure changed very little except in the neighbourhood of Christiansund, towards which station a depression had advanced causing the barometer to fall briskly.

MARCH 20th The mercury was falling slightly in the north and west, rising slowly in all other places, a large area of high and uniform pressure lay over our western and southern stations and the north of France, while a region of low readings was shown on the N. coast of Norway.

Wind blew strongly from N.E. at Christiansund, but was light elsewhere from N. to N.W. Temperatures had again risen slightly in France, but was scarcely changed at our stations. Sky though generally overcast was clear in places and the weather was very dry the only rain reported being 0.01 in. at Lumburg Head and Stenoway. Later in the day the barometer fell everywhere, and a deep depression advanced to the north of Scandinavia.

MARCH 21st Pressure was decreasing over the whole of Western Europe, but the relative distribution was very similar to that reported on the previous evening, readings being high and uniform (30.4 in.) in the south-west, while an area of low pressure (29.3 in.) lay over the north of Sweden. Gradients were moderate. Wind was N^W over the British Isles and North Sea, but was E^W over France, it was fresh in force at some of the northern stations, but light elsewhere. Temperature was rather lower in the N. than on the previous day, but showed scarcely any change in other parts, it varied from 48° in the S.W. to 34° in the Shetlands, and 25° at Haparanda. Rain and snow had fallen in the north, very heavily at Christiansund, but in all other districts the weather though cloudy was dry. During the day pressure recovered slightly in Scotland, but at 6 P.M. the barometer was still falling generally.

MARCH 22nd Pressure was decreasing over the whole of Western Europe, the change being greatest in the Baltic, readings were highest (30.2 in.) off the west coast of Ireland, while the depression, noticed on the 21st, the reading at the centre of which was 28.9 in. lay near Stockholm. Wind was N^W to N^{NE} over these Islands, and the eastern shores of the North Sea, blowing moderately to freshly on our coasts and strongly in Denmark, while a S^W gale was reported over the Baltic and a light NE^W breeze over the Bay of Biscay. Temperature had fallen everywhere several degrees at our E^W stations. Weather was clear over England, but overcast with snow in Scotland and Ireland. Later reports showed a slight recovery in pressure in Sweden, but elsewhere the barometer was still falling with a northerly breeze.

MARCH 23rd The mercury had fallen steadily and uniformly in all parts of Western Europe except the South of Sweden. Readings varied from 30.00 in. in the West of Ireland to 29.1 in. in the north of Sweden. Wind was N^W to N^{NE} on all coasts, and was fresh to moderate in force. Temperature had fallen except in Scotland, and was low generally, varying from 39° in the south-west, to 31° over central England. Weather was moderately fine, but slight showers of snow had fallen in most places. In the evening pressure was still decreasing, but there was no change of importance.

DAILY WEATHER REPORT MARCH 24TH 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.			BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12.)	Weather.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 15.)	Weather.		Max.	Min.		
Haparanda	29.19	17	NE	6	0	29.35	+ .32	15	15	- 9	NE	6	bc	*	25	3	-	
Hernösand	29.22	26	N	2	0	29.34	+ .23	20	19	- 8	NNE	2	c	*	*	*	-	
Stockholm	29.23	24	N	2	0	29.28	+ .08	20	19	- 4	Z	0	bc	*	*	*	-	
Wisby	29.29	31	NNE	4	0	29.32	+ .09	31	30	- 1	NN	4	bc	*	*	*	-	
Christiansund	29.28	30	NNN	1	0	29.34	- .02	29	26	- 4	NE	2	bc	4	36	25	0.05	
Skudesnaes	29.28	34	NNN	4	m	29.32	- .10	32	32	- 3	Z	0	bc	2	?	?	-	
Oxö (Xtiansand)	29.32	36	NN	4	0	29.32	- .04	31	27	- 2	N	4	bc	2	39	27	-	
Skagen (The Seaw)	29.32	35	N	3	0	29.34	.00	35	31	- 1	Z	0	bc	0	39	28	-	
Fanö	29.41	33	NN	1	0	29.38	- .07	35	34	- 1	N	2	c	*	39	30	-	
Cuxhaven	29.37	38	NN	1	c	29.46	- .05	34	34	- 1	SW	1	f	*	?	?	-	
Sumburgh Head	29.58	32	N	5	s	29.34	- .27	27	24	- 6	N	2	bc	3	37	24	0.08	
Stornoway	29.79	37	NNE	5	c	29.58	- .23	34	33	0	NNE	7	c	6	39	31	0.03	
Thurso	29.68	38	NNN	4	c	29.41	- .32	32	32	- 4	NNN	5	c	5	41	26	0.08	
Wick	29.57	33	N	4	0	29.36	- .36	30	30	- 3	NN	5	sq	3	40	26	0.19	
Nairn	29.73	36	NNN	3	c	29.50	- .29	27	26	- 6	NNN	3	bc	2	39	26	0.01	
Aberdeen	29.64	34	NNN	3	bc	29.46	- .23	27	26	- 7	NNN	4	s	2	38	26	0.21	
Leith	29.67	38	NNE	3	bc	29.51	- .24	29	29	- 6	NNE	5	cap	*	45	28	0.03	
Shields	29.67	37	N	4	s	29.57	- .22	34	33	+ 1	NNN	2	bc	4	42	28	-	
Scarborough	29.63	35	NNN	3	bc	29.53	- .17	34	33	0	NNN	2	0	3	40	32	0.03	
York	29.68	38	N	2	0	29.56	- .21	32	31	+ 1	N	1	bc	*	44	25	0.02	
Nottingham	29.60	38	NNN	2	bc	29.61	- .18	32	31	+ 1	ESE	1	bc	*	44	25	-	
Ardrossan	29.71	42	NNE	2	bc	29.59	- .22	33	?	- 3	NNN	7	bc	5	44	33	0.03	
Greencastle	?	37	ENE	2	c	29.73	- .14	35	31	0	N	4	cap	*	39	32	0.23	
Donaghadee	29.75	39	N	3	bc	29.67	- .19	34	33	0	N	6	s	4	42	32	0.10	
Kingstown	29.77	40	NNN	4	0	29.77	- .17	34	32	0	NNN	4	bc	4	41	32	0.13	
Holyhead	29.75	37	NNN	3	f	29.69	- .16	40	39	+ 3	NNN	5	c	4	42	36	0.11	
Liverpool (Hidston)	29.69	38	NN	2	0	29.63	- .19	38	34	+ 2	NNN	2	c	1	40	33	0.09	
Valencia	29.91	43	NNN	3	c	29.94	- .15	43	40	+ 4	NNN	2	bcap	3	48	38	0.07	
Roche's Point	29.83	44	NNN	7	c	29.86	- .19	39	36	+ 3	N	5	bc	3	47	35	0.06	
Pembroke	29.80	40	NN	4	0	29.75	- .18	36	35	- 1	N	2	cap	2	42	34	0.04	
Portishead	29.74	39	NNN	4	c	29.67	- .18	35	32	0	NNN	3	bc	3	45	29	-	
Scilly	29.74	39	NNN	4	c	29.67	- .18	35	32	0	NNN	3	bc	3	45	29	-	
Plymouth	29.83	42	NN	2	0	29.71	- .19	39	37	+ 2	NN	2	bc	*	46	35	0.08	
Hurst Castle	29.76	41	NN	5	0	29.66	- .18	35	34	+ 2	N	3	bc	3	45	31	0.05	
Dover	29.69	38	NNN	3	bc	29.61	- .13	35	33	+ 2	NN	3	c	1	42	31	0.01	
London	29.71	40	NN	2	bc	29.64	- .16	34	31	+ 3	NNN	1	bc	*	42	26	-	
Oxford	*	*	*	*	*	29.66	- .15	32	30	+ 1	NNN	1	bc	*	41	29	-	
Cambridge	29.70	36	NNN	1	c	29.61	- .15	32	31	+ 2	NN	1	bc	*	46	28	-	
Yarmouth	29.63	38	NN	3	bc	29.56	- .13	32	32	- 1	NNN	2	bc	3	40	30	0.09	
The Helder	*	*	*	*	*	29.50	- .07	39	38	+ 3	NN	1	bc	*	*	*	0.04	
Cape Gris Nez	29.71	39	NN	3	bc	29.61	- .16	36	36	+ 2	Z	0	m	0	43	34	-	
Jersey	*	*	*	*	*	29.69	- .18	36	36	+ 2	Z	0	m	0	43	34	-	
Brest	29.94	50	NNN	4	0	29.69	- .28	41	39	+ 4	N	4	f	3	?	?	0.24	
L'Orient	29.93	39	NNN	4	bc	29.68	- .24	39	39	+ 2	NN	3	f	3	46	34	0.08	
Rochefort	29.92	48	NN	6	0	29.77	+ .01	41	39	0	NNN	4	f	3	?	36	0.04	
Biarritz	29.97	52	NNN	4	0	29.86	+ .06	41	39	- 9	SSW	2	f	3	62	36	0.08	
Corunna	*	*	*	*	*	30.09	*	50	*	*	N	3	c	2	*	*	*	
Brussels	*	*	*	*	*	29.60	- .07	32	30	- 1	SW	1	bc	*	34	30	0.04	
Charleville	*	*	*	*	*	29.65	?	32	*	?	S	3	bc	*	*	*	*	
Paris	29.76	37	NN	3	bc	29.63	- .10	36	34	- 1	WSW	2	0	*	*	*	0.04	
Lyon	*	*	*	*	*	29.78	+ .10	33	*	- 20	N	2	bc	*	*	*	*	
Toulon	29.56	50	N	6	bc	29.65	- .12	24	28	- 14	NN	7	m	6	50	?	0.12	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.37	38	33	NNN	8	bc	4	Valencia -....	29.99	44	42	NN	2	0	2
Thurso	29.69	40	37	NN	5	bc	4	Scilly							
Scarborough ...	29.65	40	36	NNN	3	δ	5	London	29.74	41	34	NN	2	c	*
Greencastle ...	29.60	38	38	N	1	γ	*	Rochefort ...	30.05	55	50	NN	5	bc	3
Holyhead	29.80	41	41	NN	6	0	5								

The barometer continues to fall generally - most in the SW, but no other change is reported.

EXPLANATION OF COLUMNS.

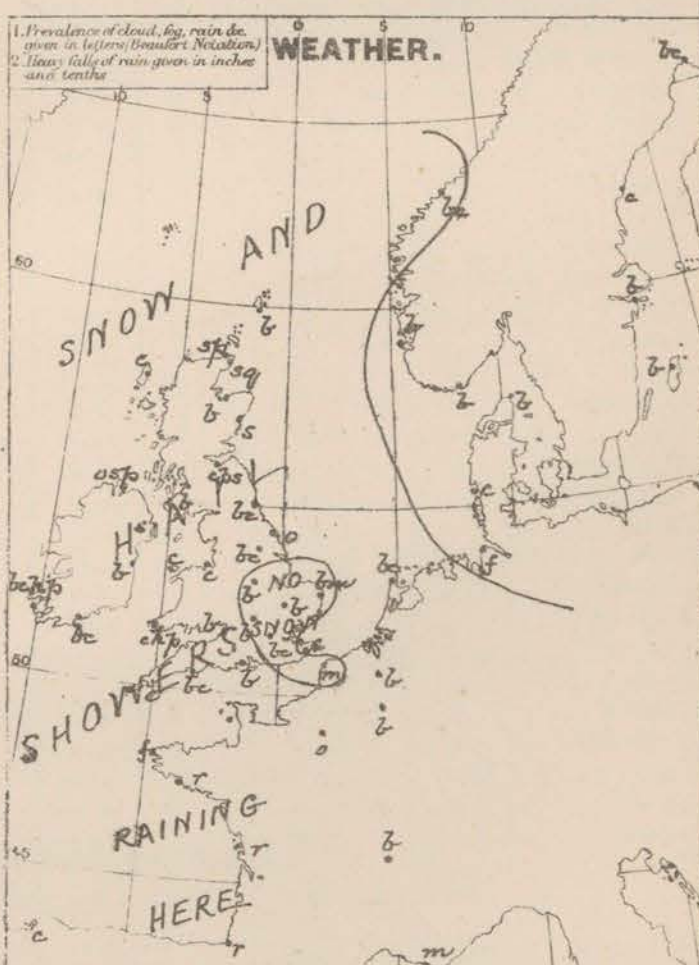
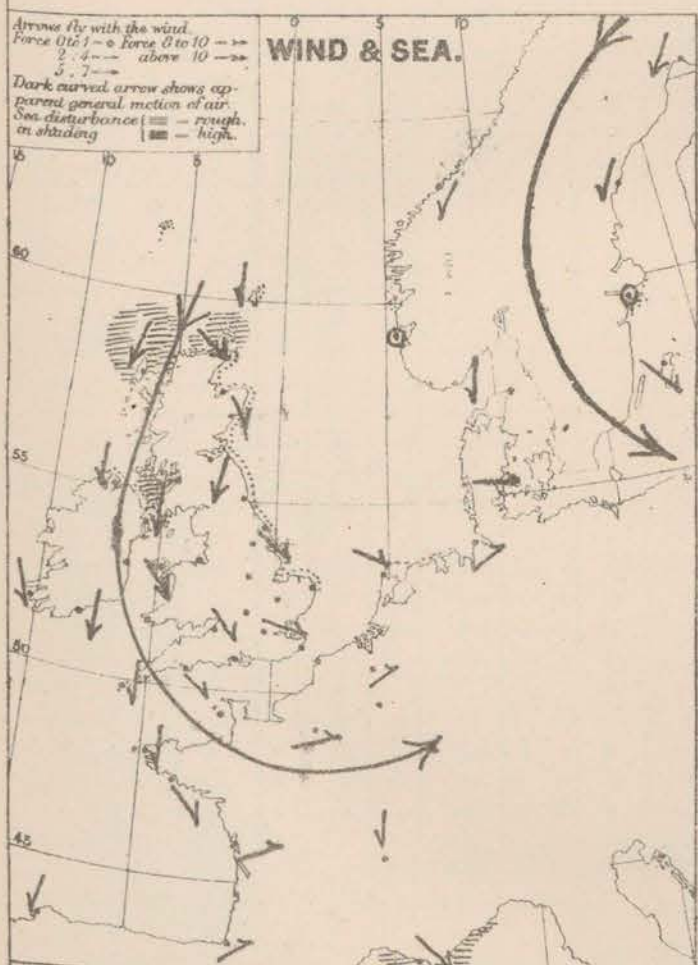
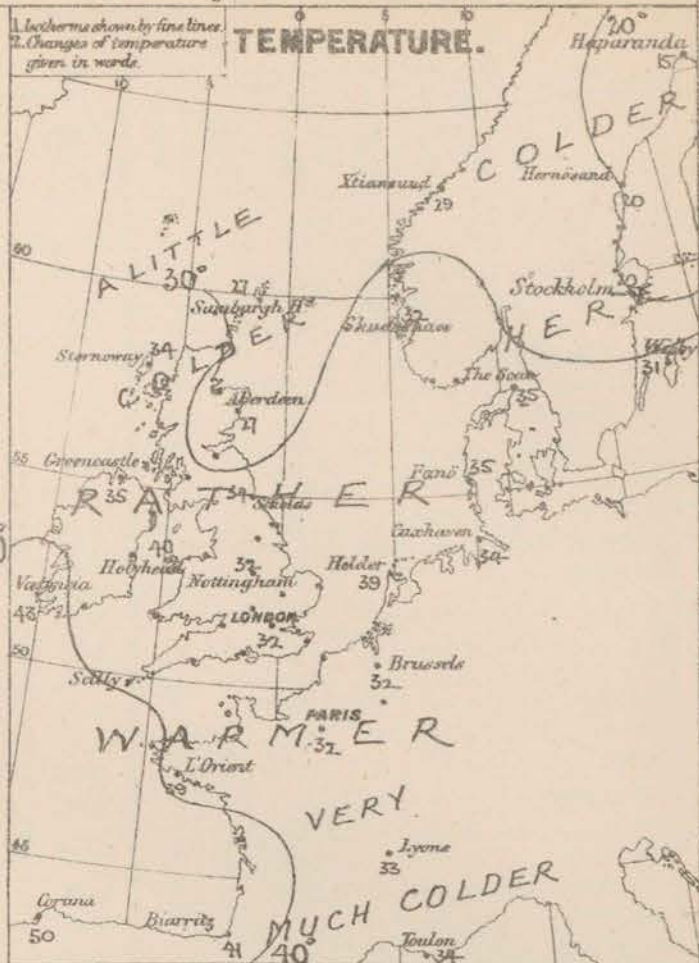
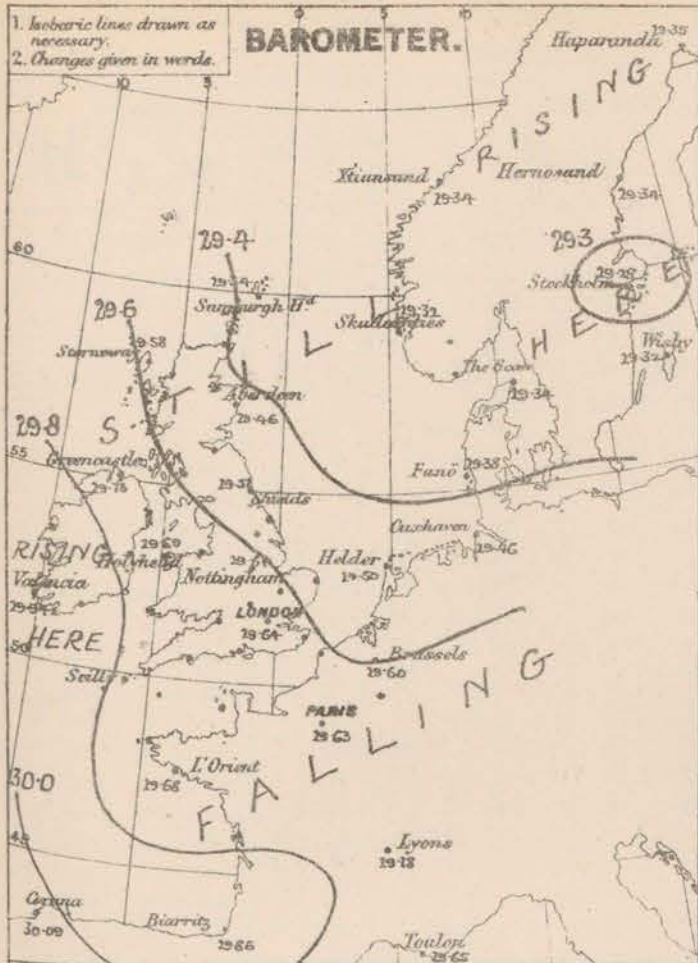
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Sunday 24 MARCH 1878.



As dotted line has been drawn round the coast where the signals are up.

REMARKS. Weather is fine over the greater part of Ireland, England and the Continent, but in Scotland and the N. of Ireland snow showers are falling, while in the W. of France rain is reported. Snow has fallen in many parts of the Country, but the amounts measured this morning were in no case large. Temperature has fallen several degrees in the S. of France, and to a smaller extent in Scandinavia, and the N. of the British Isles, but in the S. of the United Kingdom a slight rise has taken place. Readings vary from 27° to 34° in Scotland, from 34° to 43° in Ireland, and from 32° to 40° in England. No sharp frost was experienced over England and Scotland last night, in London it fell to 26° in the shade, and to 16° on the grass. Winds is Nth and NWth generally, and appears to be backing in the N. of Scotland; it is fresh to strong in force at the more Nth stations, moderate in the S. Sea is rather rough in the N., slight or smooth elsewhere. Barometrical indications. The barometer is now rising slightly in the S. of Ireland, but falling in all other places, quickly in the N. of Scotland. Readings are about 29.95 ins. in the SW. but not uniformly about 29.35 ins. over the whole of the British Sea and Scandinavia. Warnings. The N. coast has been visited by an NWth, Nth and Eth coast this morning.

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

R. H. SCOTT.
Secretary.

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

R. H. SCOTT.

Secretory

DAILY WEATHER REPORT

MARCH 25TH

1878.

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.	Sun. (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 ...	29.58	15	N	2	bc	29.73	+ .08	7	7	- 8	N	2	8	*	21	0	-	
Hernösand ...	29.56	18	Z	0	bc	29.68	+ .34	19	18	- 1	N	2	8	*	*	*	-	
Stockholm ...	29.49	26	Z	0	s	29.61	+ .33	22	21	+ 2	N	2	bc	*	*	*	-	
Wisby ...	29.44	28	NNH	4	bc	29.53	+ .23	20	29	- 1	ESE	4	8	*	*	*	-	
Christiansund ...	29.52	26	E	1	bc	29.58	+ .24	25	23	- 4	SE	3	8	3	30	16	-	
Skudesnaes ...	29.34	35	NNE	3	m	29.46	+ .14	30	28	- 2	NNH	3	8	2	?	28	-	
Oxö (Ålansand) ...	29.41	33	SW	2	bc	29.48	+ .16	30	29	- 1	? NNH	2	8	2	39	27	-	
Skagen (The Seaw) ...	29.43	34	ESE	2	bc	29.51	+ .17	35	33	0	SW	3	bc	1	41	30	-	
Fanö ...	29.45	34	SSW	1	bc	29.49	+ .11	34	33	- 1	SE	2	bc	*	41	32	0.02	
Cuxhaven ...	29.52	40	SW	1	bc	29.57	+ .05	31	31	- 3	S	1	bc	*	?	?	-	
Sumburgh Head ...	29.58	33	NNE	5	bc	29.73	+ .39	32	32	+ 5	NNE	4	8	5	36	24	0.11	
Stornoway ...	29.71	37	NNE	6	cg	29.90	+ .32	33	30	- 1	NNE	2	8	4	40	29	0.08	
Thurso ...	29.62	36	NNE	6	s	29.87	+ .40	37	34	+ 5	N	6	bc	5	42	30	0.22	
Wick ...	29.62	36	NE	4	bc	29.81	+ .45	35	34	+ 5	NNH	2	8	2	41	29	0.10	
Nairn ...	29.62	36	NNE	4	bc	29.80	+ .36	33	32	+ 6	NNH	3	8	2	40	26	0.07	
Aberdeen ...	29.50	31	NNH	3	bc	29.78	+ .32	33	32	+ 6	NNH	3	5	2	34	27	0.14	
Leith ...	29.48	30	NNH	5	bc	29.57	+ .30	37	34	+ 8	N	2	bc	*	40	28	0.08	
Shields ...	29.41	35	NNE	2	bc	29.76	+ .25	33	32	- 1	NNH	2	8	4	36	26	0.16	
Scarborough ...	29.40	34	N	3	bc	29.68	+ .45	38	36	+ 4	N	5	bc	5	41	30	0.19	
York ...	29.45	28	NNH	1	bc	29.71	+ .15	34	32	+ 2	N	3	8	*	42	19	0.15	
Nottingham ...	29.46	33	NNH	2	bc	29.72	+ .11	34	34	+ 2	NNH	3	5	*	49	24	0.05	
Ardrossan ...	29.53	41	NNH	6	bc	29.86	+ .27	37	33	+ 4	NNH	2	8	1	44	33	-	
Greencastle ...	29.67	40	N	5	chg	29.93	+ .20	38	36	+ 3	NNH	2	bc	*	43	33	0.22	
Donaghadee ...	29.60	40	N	8	bc	29.89	+ .22	40	36	+ 6	N	5	bc	4	42	33	0.05	
Kingstown ...	29.68	40	NNH	7	bc	29.93	+ .16	36	33	+ 2	NNH	4	bc	4	42	33	0.02	
Holyhead ...	29.55	40	NNH	8	bc	29.86	+ .17	37	34	- 1	NNE	5	8	3	42	32	0.06	
Liverpool (Midston) ...	29.48	32	NNE	4	bc	29.80	+ .17	36	34	- 2	NNH	3	8	2	40	30	0.17	
Valencia ...	29.93	42	N	4	bc	30.10	+ .16	42	39	- 1	N	3	bc	4	49	36	0.13	
Roche's Point ...	29.85	39	N	6	bc	30.03	+ .17	38	35	- 1	N	5	bc	3	45	34	0.08	
Pembroke ...	29.67	41	NNH	5	bc	29.83	+ .13	39	36	+ 3	N	4	bc	3	41	32	0.14	
Portishead ...	29.54	37	NNH	6	bc	29.75	+ .08	34	33	- 1	NNH	4	bc	4	45	27	0.08	
Scilly ...	29.54	37	NNH	6	bc	29.75	+ .08	34	33	- 1	NNH	4	bc	4	45	27	0.08	
Plymouth ...	29.66	39	NNH	5	bc	29.80	+ .09	38	35	- 1	NNH	3	8	*	49	33	0.11	
Hurst Castle ...	29.57	36	NNH	3	bc	29.66	+ .00	32	32	- 3	N	5	bc	3	46	29	0.03	
Dover ...	29.43	38	SW	4	bc	29.57	+ .10	34	33	- 1	N	4	bc	1	43	28	0.12	
London ...	29.60	29	NH	3	bc	29.62	+ .02	33	32	- 1	NNH	5	bc	*	46	26	0.02	
Oxford ...	29.60	29	NH	3	bc	29.62	+ .02	33	32	- 1	NNH	5	bc	*	44	28	0.02	
Cambridge ...	29.47	29	NNH	2	bc	29.64	+ .03	32	31	- 3	NNH	1	bc	*	49	26	-	
Yarmouth ...	29.39	29	SE	0	bc	29.56	+ .00	37	35	+ 5	N	5	bc	4	41	29	0.07	
The Helder ...	29.39	29	SE	0	bc	29.56	+ .00	37	35	+ 5	N	5	bc	4	41	29	0.07	
Cape Gris Nez ...	29.47	36	SSW	2	bc	29.50	+ .11	32	32	- 4	NE	4	5	3	43	28	0.20	
Jersey ...	29.47	36	SSW	2	bc	29.50	+ .11	32	32	- 4	NE	4	5	3	43	28	0.20	
Brest ...	29.79	?	N	5	f	29.80	+ .11	41	37	0	N	6	bc	5	46	41	0.16	
L'Orient ...	29.75	43	NNH	4	bc	29.80	+ .12	37	36	- 2	NNH	5	bc	4	46	34	0.04	
Rocheport ...	29.67	46	N	6	bc	29.77	+ .10	43	41	+ 2	NNH	6	bc	7	50	34	0.27	
Biarritz ...	29.86	50	SSW	6	f	29.89	+ .03	45	41	+ 4	NNH	5	bc	5	?	37	0.24	
Corunna ...	29.46	31	NH	2	bc	29.46	+ .14	31	30	- 1	NH	2	bc	*	41	29	0.04	
Brussels ...	29.44	29	NNH	3	bc	29.44	+ .21	29	28	- 3	NNH	3	bc	*	41	29	0.04	
Charleville ...	29.44	29	NNH	3	bc	29.44	+ .21	29	28	- 3	NNH	3	bc	*	41	29	0.04	
Paris ...	29.41	35	NNH	2	bc	29.49	+ .14	33	32	- 3	NNH	4	bc	*	41	29	0.04	
Lyons ...	29.72	41	NNH	5	bc	29.72	+ .06	41	37	+ 3	SW	2	bc	*	41	29	0.04	
Toulon ...	29.65	45	NNH	5	bc	29.71	+ .06	37	32	+ 3	NNH	6	bc	6	45	32	0.39	

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

Bar.	Dry.	Wet.	Wind.	Woe.	Sea.	Bar.	Dry.	Wet.	Wind.	Woe.	Sea.
Skudesnaes ...	29.32	37	34	2	0	m	2	Valencia			
Thurso								Scilly			
Scarborough ...								London			
Greencastle ...						m		Rocheport ...	29.65	46	45
Holyhead									7/11/74	4	0

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.

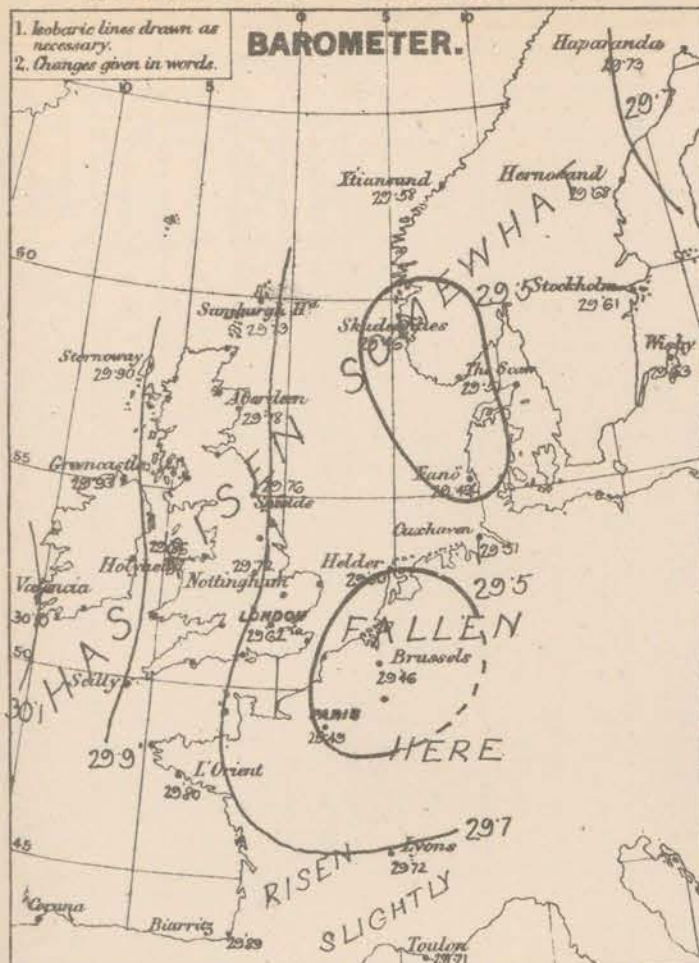
The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 25th MARCH 1876.

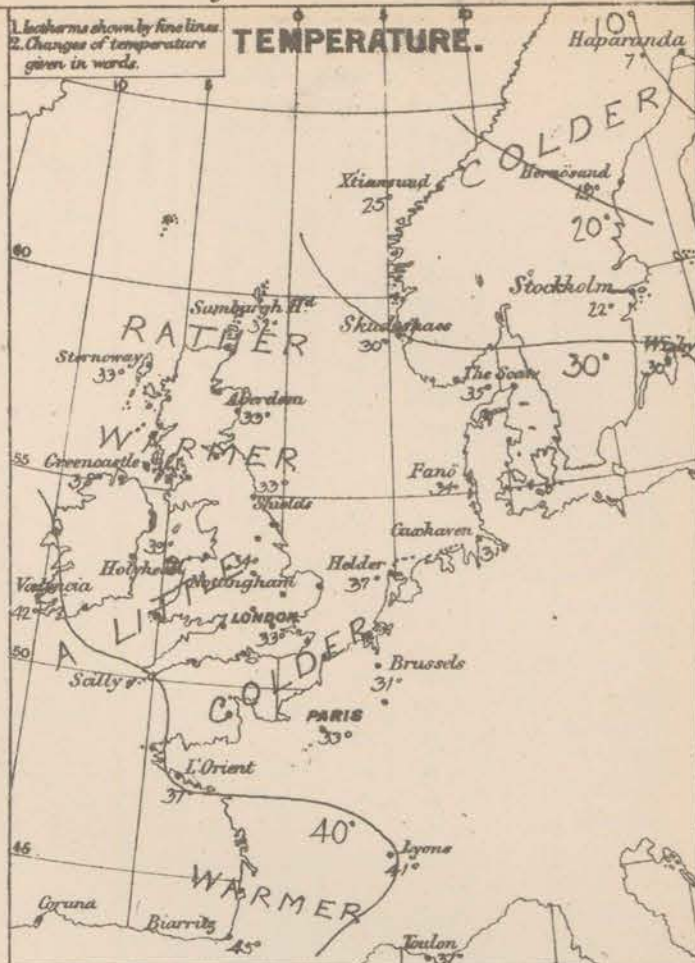
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



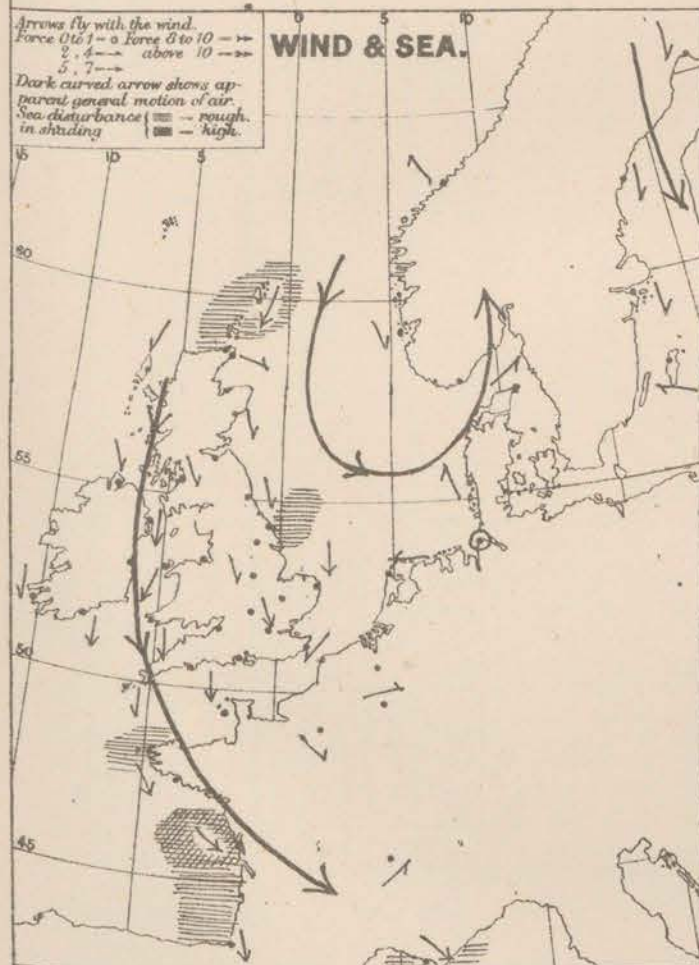
1. Isobars shown by fine lines
2. Changes of temperature given in words.

TEMPERATURE.



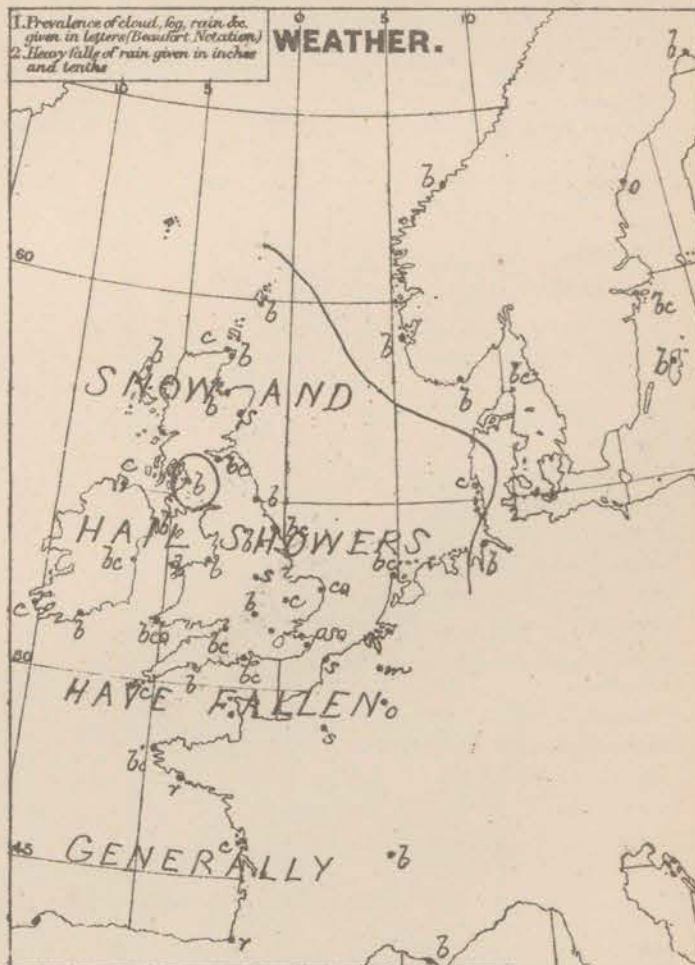
Arrows fly with the wind.
Force 0 to 1 - a Force 2 to 10 -
2, 4, 6 - above 10 -
5, 7 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance - rough in shading - high.

WIND & SEA.



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

WEATHER.



REMARKS. Weather is very unsettled over the whole of our area, but at most stations the sky is at present clear or nearly so, - at Aberdeen, Nottingham and in the Straits of Dover, however, snow is falling, while rain is reported in the west of France. Snow and hail showers fell in some parts of the country yesterday and last night; in the south of England the snow storm began very suddenly at about half past three and lasted about an hour and a half; the amounts are nowhere heavy. Temperature is not changing much; it is very low over the whole of Western Europe, varying from 45° at Biarritz and 42° at Valentia to about 32° at our eastern stations and 1° in the Gulf of Bothnia. Frost is N. except in the Netherlands and east of France; it is fresh and squally generally and during yesterday rose to a peak or hard gale in the west and north-west, while a very heavy squall was experienced in the south just before the commencement of the snow. Sea is rough in the west and north.

Barometrical Indications. Pressure is increasing at all stations, a large shallow depression lies over the south of Scandinavia, while a smaller subsidiary disturbance which passed down our east coast yesterday lies over Belgium. The highest readings remain steadily off our south-west coast.

Fairings. The warning signals which were hoisted on our north-west, north and east coasts yesterday have been hoisted 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.
Secretary

DAILY WEATHER REPORT *March 26th* 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 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 ...	29.51	11	E	2	bc	29.89	+ .16	3	1	- 4	N	2	b	*	19	0	-	
Hernösand ...	29.56	17	Z	0	c	29.93	+ .25	19	17	0	N	2	c	*	*	*	-	
Stockholm ...	29.76	22	NNN	2	c	29.78	+ .17	20	20	+ 1	NNE	4	c	*	*	*	-	
Wisby ...	29.70	29	ESE	4	c	29.78	+ .25	29	28	- 1	E	4	s	*	*	*	-	
Christiansund ...	29.68	24	SE	1	b	29.75	+ .17	24	22	- 1	SE	3	b	3	28	14	-	
Skudesnaes ...	29.54	33	NNN	7	c	29.61	+ .15	30	26	0	NNN	3	b	2	?	30	-	
Oxö (Zulansod) ...	29.53	31	NE	4	bc	29.61	+ .13	30	28	0	NNE	4	s	2	39	25	0.08	
Skagen (The Sæw) ...	29.56	34	SWN	4	b	29.62	+ .11	32	30	- 3	SW	3	b	2	39	27	0.04	
Fanö ...	29.63	33	NN	2	b	29.68	+ .19	34	32	0	N	2	bc	*	37	30	-	
Cuxhaven ...	29.62	41	N	1	b	29.74	+ .23	36	34	+ 5	NNN	2	c	*	?	?	-	
Sumburgh Head ...	29.81	34	NNE	4	bc	29.83	+ .10	32	31	0	NNE	3	b	3	34	27	0.04	
Stornoway ...	29.97	36	NNN	2	disp	29.95	+ .105	35	35	+ 2	Z	0	s	0	38	31	0.10	
Thurso ...	29.91	33	N	4	s	29.91	+ .10	36	34	- 1	N	3	0	4	41	32	0.34	
Wick ...	29.94	36	NN	2	s	29.92	+ .11	32	31	- 3	NN	1	bc	0	41	27	0.13	
Nairn ...	29.95	35	NNN	1	b	29.97	+ .11	34	33	+ 1	N	1	bc	1	39	30	-	
Aberdeen ...	29.88	34	N	4	s	29.94	+ .16	33	32	0	NN	3	cp	2	39	30	0.09	
Leith ...	29.89	40	NNE	3	bc	29.97	+ .16	34	32	- 3	NNN	3	c	*	47	30	-	
Shields ...	29.89	37	NNE	2	b	30.00	+ .24	34	32	+ 1	NN	2	b	3	41	27	0.08	
Scarborough ...	29.85	37	N	4	c	30.00	+ .32	35	35	0	NNN	2	bc	3	42	30	0.14	
York ...	29.89	37	NNN	2	b	30.04	+ .38	34	32	0	N	1	b	*	43	26	0.04	
Nottingham ...	29.92	37	NNE	3	c	30.05	+ .26	32	30	- 2	SW	1	b	*	44	23	-	
Ardrossan ...	29.94	42	N	5	b	30.02	+ .17	35	35	+ 1	N	1	c	0	46	30	-	
Greencastle ...	30.02	40	N	2	0	30.05	+ .15	35	36	0	NNN	1	0	*	45	32	0.08	
Donaghadee ...	30.00	40	NN	3	b	30.09	+ .20	37	35	- 3	N	3	b	2	45	33	-	
Kingstown ...	30.03	41	NNN	4	bc	30.15	+ .22	36	34	0	NNN	4	b	4	44	34	-	
Holyhead ...	29.99	42	NNN	5	bc	30.11	+ .25	36	40	+ 1	NNN	4	b	3	43	39	-	
Liverpool (Bidston) ...	29.94	40	NN	3	b	30.07	+ .27	39	34	+ 3	NN	1	b	1	43	34	-	
Valencia ...	30.16	45	NN	2	bc	30.20	+ .10	40	39	- 2	Z	0	b	1	45	39	-	
Roche's Point... ..	30.13	44	NNN	4	bc	30.20	+ .17	38	35	0	N	3	b	3	47	35	-	
Pembroke ...	30.03	42	N	2	b	30.13	+ .25	40	37	+ 1	NNN	2	bc	2	42	37	-	
Portishead ...	29.95	41	NNN	4	bc	30.07	+ .22	37	35	+ 3	NNN	3	c	2	50	31	-	
Scilly ...	29.95	41	NNN	4	bc	30.07	+ .22	37	35	+ 3	NNN	3	c	2	50	31	-	
Plymouth ...	30.02	42	N	4	b	30.15	+ .35	36	35	- 2	N	2	c	*	48	32	0.02	
Hurst Castle ...	29.91	40	NNE	3	bc	30.10	+ .44	37	35	+ 5	NNN	3	b	3	46	?	-	
Dover ...	29.81	47	NNN	4	bc	30.04	+ .53	35	32	+ 1	NN	3	b	2	41	31	0.14	
London ...	29.87	49	NNN	3	b	30.08	+ .46	33	31	0	NNN	2	b	*	45	25	0.01	
Oxford ...	*	*	*	*	*	30.10	+ .41	33	31	- 1	N	1	b	*	43	28	-	
Cambridge ...	29.87	45	N	2	bc	30.06	+ .42	32	30	0	NNN	1	b	*	44	26	?	
Yarmouth ...	29.79	48	N	4	c	29.99	+ .43	32	31	- 5	NN	3	cm	4	42	29	0.25	
The Helder ...	*	*	*	*	*	29.87	+ .37	29	25	+ 2	NN	2	c	*	*	*	0.04	
Cape Gris Nez ...	29.80	37	N	4	c	30.06	+ .56	36	34	+ 4	NNN	4	b	3	39	32	0.28	
Jersey ...	29.80	37	N	4	c	30.06	+ .56	36	34	+ 4	NNN	4	b	3	39	32	0.28	
Brest ...	30.09	?	N	4	0	30.20	+ .40	45	41	+ 4	NNN	2	0	3	46	?	0.08	
L'Orient ...	30.04	39	NNN	4	bc	30.24	+ .44	43	37	+ 6	NN	3	c	3	46	36	-	
Rocheport ...	30.02	50	NNN	6	bc	30.26	+ .49	41	37	- 2	N	4	b	3	54	37	0.08	
Biarritz ...	30.01	48	NNN	5	c	30.27	+ .38	43	39	- 2	SSE	2	c	4	48	37	0.16	
Corunna ...	*	*	*	*	*	29.98	+ .32	?	?	?	NNN	1	0	*	41	?	0.28	
Brussels ...	*	*	*	*	*	29.97	+ .53	33	*	+ 4	NNN	3	?	*	*	*	*	
Charleville ...	*	*	*	*	*	29.97	+ .53	33	*	+ 4	NNN	3	?	*	*	*	*	
Paris ...	29.78	38	NN	4	bc	30.11	+ .62	37	33	+ 4	NN	2	b	*	*	*	-	
Lyons ...	*	*	*	*	*	30.14	+ .42	35	*	- 6	NN	6	s	*	*	*	*	
Toulon ...	29.72	45	NN	6	c	29.96	+ .25	36	30	- 1	NN	6	b	8	45	26	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.84	36	29	NNH	7	a	3	Valencia	30.14	42	41	NNH	3	bc	3
Thurso	29.87	39	37	NNE	4	c	5	Scilly							
Scarborough ...	29.81	36	25	N	5	c	5	London	29.77	43	38	NNH	4	c	*
Greencastle ...	30.00	43	39	N	2	sp	*	Rocheport ...	29.90	46	41	NH	7	c	?
Holyhead	29.96	42	42	NNH	5	b	3								

Pressure is increasing slowly everywhere. The weather is moderately fine, but snow showers have occurred in the E. and continue at Noville.

EXPLANATION OF COLUMNS.

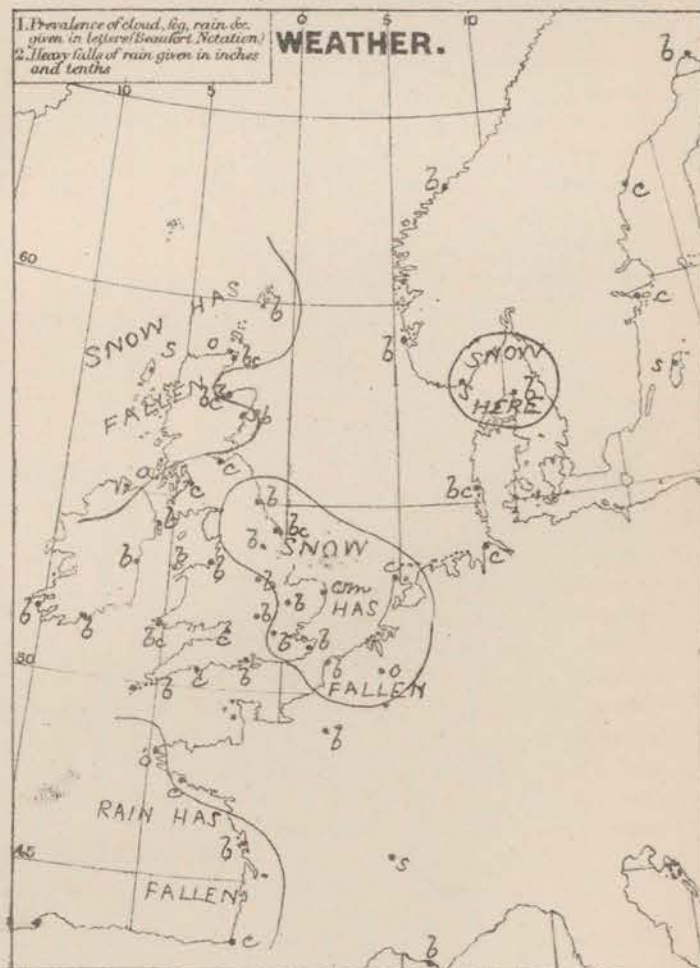
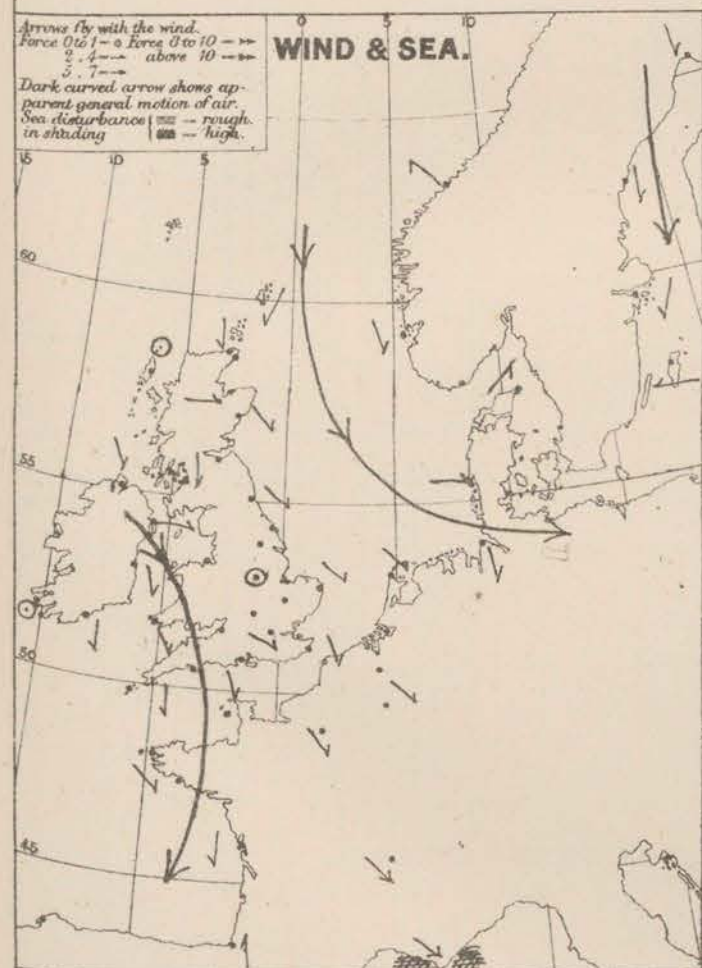
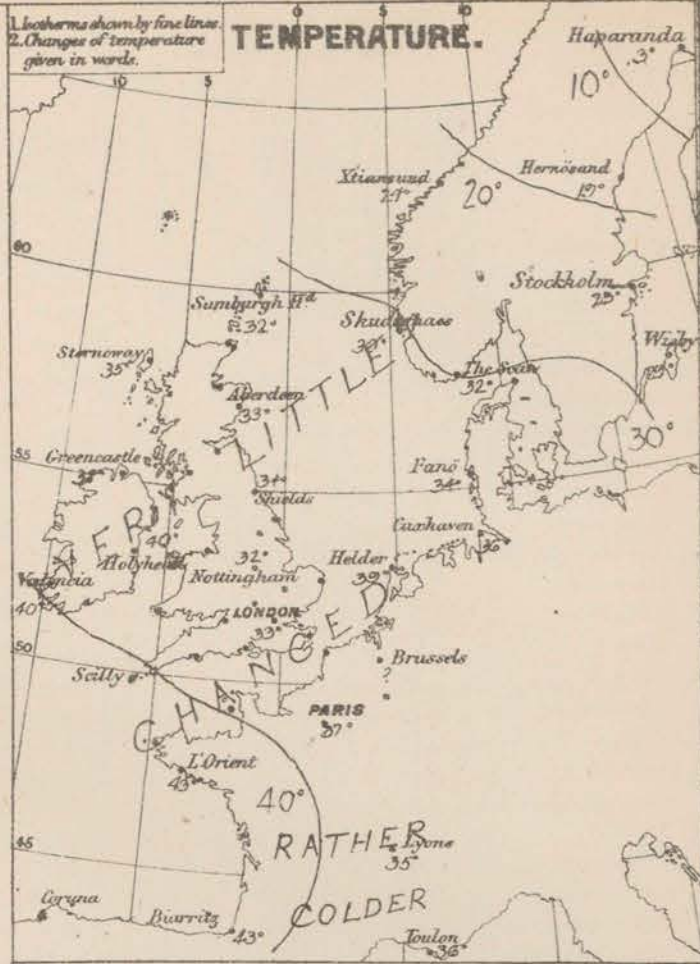
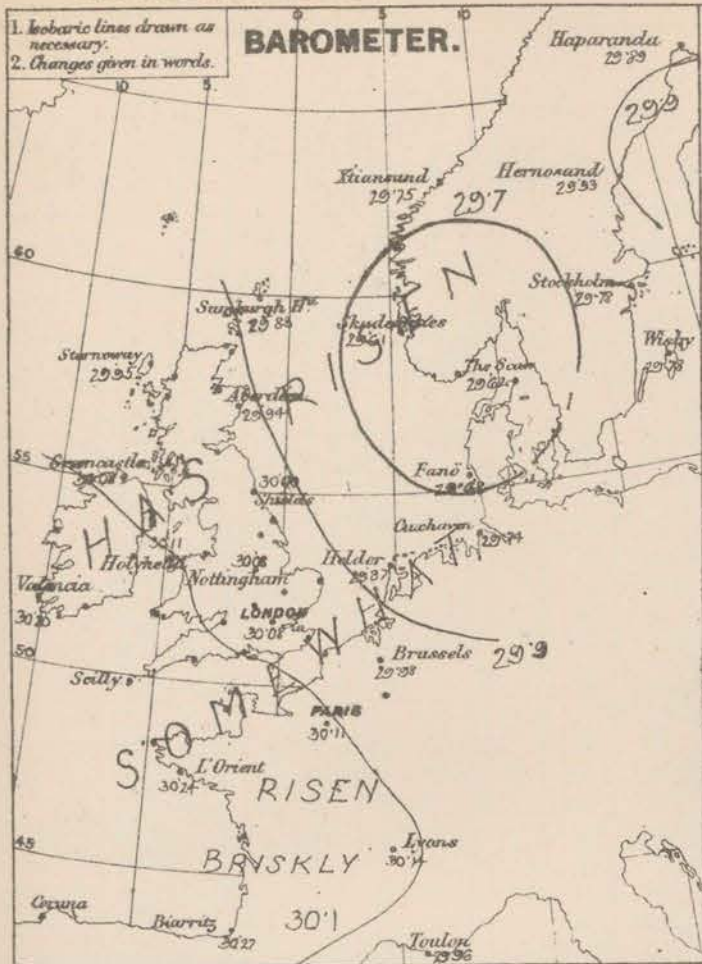
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Tuesday 26th MARCH 1878.



REMARKS. Weather is clear or nearly so over the greater part of Western Europe but at some of the Scotch stations the sky is cloudy, while at Romney, Aberdeen, Farnmouth and Lyons snow is falling. Snow or hail showers have occurred at all except the western stations but the amounts are nowhere heavy. Aurora was seen at Aberdeen last evening. Temperature has changed very little since yesterday; it is highest (45°) at Bristol, whence it decreases to 36° at Toulon and 32° at our eastern stations, and to 3° in the Gulf of Bothnia. During last night the thermometer fell to 23° at Nottingham, to 25° in London, to 26° at York and Cambridge and to 27° or 28° in several parts of the country; in London the thermometer on the grass fell to 15°. Wind is N.W. Generally calm or light or moderate in force in most places, but in the south east of France it increases to a strong breeze. Sea is moderate to slight except at Toulon.

Barometrical Indications - Pressure still increases over the greater part of Western Europe, but at our northern stations a slight decrease has commenced during the night. The highest readings are now shown over the south west of France, but the lowest still lie over Denmark and the south of Scandinavia.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT MARCH 27th 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 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 13).		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 13).			Max.	Min.		
Haparanda ...	29.91	5	Z	0	δ	30.07	+ .18	-6	-6	-	9	Z	0	δc	*	16	-9	-
Hernösand ...	29.97	19	Z	0	δc	30.03	+ .10	22	21	+ 3	SE	4	δ	δ	*	*	*	0.04
Stockholm ...	29.89	26	S	4	0	29.85	+ .07	26	25	+ 2	ESE	8	δ	δ	*	*	*	-
Wisby ...	29.82	29	SE	6	c	29.77	- .05	33	32	+ 4	S	4	δ	δ	*	*	*	0.12
Christiansund ...	29.75	29	ENE	1	δ	29.80	+ .05	25	23	+ 1	ESE	2	δc	2	?	18	-	-
Skudesnaes ...																		
Oxö (Ålön) ...	29.66	30	NNN	2	δc	29.71	+ .05	28	26	- 2	NNE	4	δ	2	34	25	-	-
Skagen (The Seaw.)	29.67	30	Z	0	δ	29.64	+ .02	32	30	0	WSN	3	δc	3	36	23	-	-
Fanö ...	29.75	34	N	4	δ	29.81	- .06	33	33	- 1	SE	6	δ	δ	*	34	30	0.24
Cuxhaven ...	29.88	41	NNN	3	c	29.72	- .16	35	35	- 1	SSN	4	δ	δ	*	?	?	-
Sumburgh Head	29.77	33	N	3	c	29.81	- .04	32	30	0	NE	5	δ	4	35	25	0.02	-
Stornoway	29.83	35	N	1	δ	29.87	- .04	33	32	- 2	N	1	δc	1	35	28	0.28	-
Thurso ...	29.81	35	Z	0	0	29.84	- .03	36	35	0	NNN	3	sp	3	38	33	0.26	-
Wick ...	29.80	33	N	2	0	29.83	- .03	32	31	0	NN	1	δ	0	36	23	0.08	-
Nairn ...	29.83	33	ENE	1	δ	29.85	- .02	30	29	- 4	Z	0	δ	1	34	27	0.29	-
Aberdeen ...	29.78	34	NNN	2	δ	29.79	- .01	32	32	0	NN	2	δ	2	39	30	0.35	-
Leith ...	29.74	42	N	3	0	29.81	- .07	32	30	- 2	N	2	δc	*	44	29	0.09	-
Shields ...	29.85	42	SN	4	0	29.77	- .08	34	32	0	NNN	4	δ	3	44	31	0.09	-
Scarborough	29.90	42	N	2	0	29.75	- .15	35	35	- 3	N	2	0	3	43	34	0.19	-
York ...	29.95	41	N	3	δ	29.77	- .18	34	32	0	N	4	δ	*	46	32	0.10	-
Nottingham ...	30.03	41	NN	2	δc	29.82	- .21	36	34	+ 4	NNN	3	δ	*	51	31	0.08	-
Ardrossan ...	29.83	46	N	6	δ	29.83	-	35	32	- 3	E	1	δ	1	47	32	0.12	-
Greencastle ...	29.59	45	SSN	3	0	29.83	- .24	38	38	0	NE	2	c	*	49	33	0.37	-
Donsghadee ...	29.93	44	SSN	3	δc	29.85	- .08	38	37	+ 1	N	2	c	1	47	36	0.09	-
Kingstown ...	30.04	46	N	0	δ	29.87	- .17	40	39	+ 4	NNN	3	c	3	46	35	0.01	-
Holyhead ...	30.04	43	SN	3	δc	29.84	- .20	41	40	+ 1	N	3	c	3	47	39	0.07	-
Liverpool (Bidston)	30.00	41	N	2	δc	29.83	- .17	37	34	- 2	NNE	1	δ	1	44	34	0.12	-
Valencia ...	30.11	48	SN	3	δc	29.93	- .18	45	43	+ 5	Z	0	q	2	51	39	0.12	-
Roche's Point...	30.09	45	WSN	3	δc	29.91	- .18	44	41	+ 6	N	3	δ	3	48	37	-	-
Pembroke ...	30.11	43	N	1	δ	29.86	- .25	44	43	+ 4	NNN	4	δc	3	54	40	-	-
Portishead ...	30.06	43	WSN	3	δ	29.82	- .24	43	42	+ 6	WSN	4	c	5	49	34	0.02	-
Scilly ...																		
Plymouth ...	30.13	43	NNN	1	δ	29.93	- .20	35	33	- 1	NNN	1	δc	*	48	29	-	-
Hurst Castle ...	30.09	45	N	3	δ	29.88	- .21	43	41	+ 6	NNN	5	c	5	48	31	-	-
Dover ...	30.05	40	N	3	δ	29.82	- .23	39	36	+ 4	WSN	4	δc	3	44	33	-	-
London ...	30.06	45	NN	1	c	29.81	- .25	37	34	+ 4	N	3	om	*	45	31	-	-
Oxford ...						29.82	- .24	36	35	+ 2	N	1	r	*	46	33	0.02	-
Cambridge ...	30.02	35	NNN	1	δ	29.78	- .24	36	35	+ 4	N	2	0	*	49	30	0.02	-
Yarmouth ...	29.99	41	NNN	1	δom	29.71	- .28	34	34	+ 2	NNN	4	om	2	42	31	0.14	-
The Helder ...						29.65	- .34	42	39	+ 3	SN	5	0	*	*	*	0.08	-
Cape Gris Nez	30.06	41	N	4	δ	29.84	- .22	43	39	+ 4	WSN	5	c	4	45	36	-	-
Jersey ...																		
Brest ...	30.20	32	Z	0	0	29.99	- .21	43	39	- 2	Z	0	0	2	52	48	-	-
L'Orient ...	30.21	46	NNN	3	c	30.01	- .20	43	41	0	SSN	2	0	2	50	37	-	-
Rochefort ...	30.25	50	NN	3	δ	30.07	- .18	39	37	- 2	SE	3	0	3	55	34	-	-
Biarritz ...	30.20	50	NNE	1	δ	29.93	- .27	43	39	0	ESE	3	c	3	52	36	-	-
Corunna ...																		
Brussels ...						29.85	- .10	36	33	?	SSN	4	0	*	42	34	0.04	-
Charleville ...						29.93	- .04	32	30	- 1	SSE	3	0	*	*	*	*	-
Paris ...	30.15	40	NNN	3	δc	29.98	- .17	37	36	0	NN	2	0	*	*	*	-	-
Lyons ...						30.15	+ .00	38	*	+ 3	NN	4	δ	*	*	*	*	-
Toulon ...	30.13	39	NN	7	δ	30.14	+ .01	41	34	+ 5	N	1	δ	4	46	37	-	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.59	34	28	NNN	5	f	2	Valencia	30.17	49	43	WSN	2	δc	3
Thurso	29.84	37	36	NNN	2	sp	4	Scilly							
Scarborough ...	29.97	42	37	NN	2	c	3	London	30.07	46	39	NNN	3	δc	*
Greencastle ...	30.01	49	43	N	2	δc	*	Rochefort ...	30.28	52	?	N	3	δ	3
Holyhead	30.11	45	44	NNN	4	c	3								

Barometer is falling slightly in the N. and N. No other change of importance.

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.

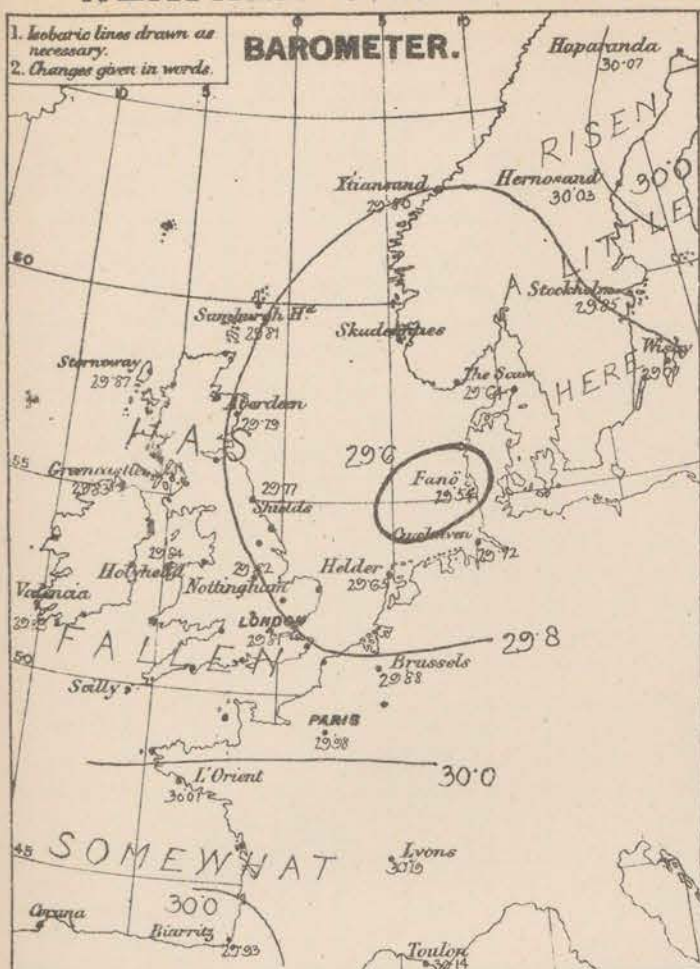
† The evening observations are taken at 8 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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.

WEATHER CHARTS for 8 a.m. on Wednesday 27th MARCH 1878.

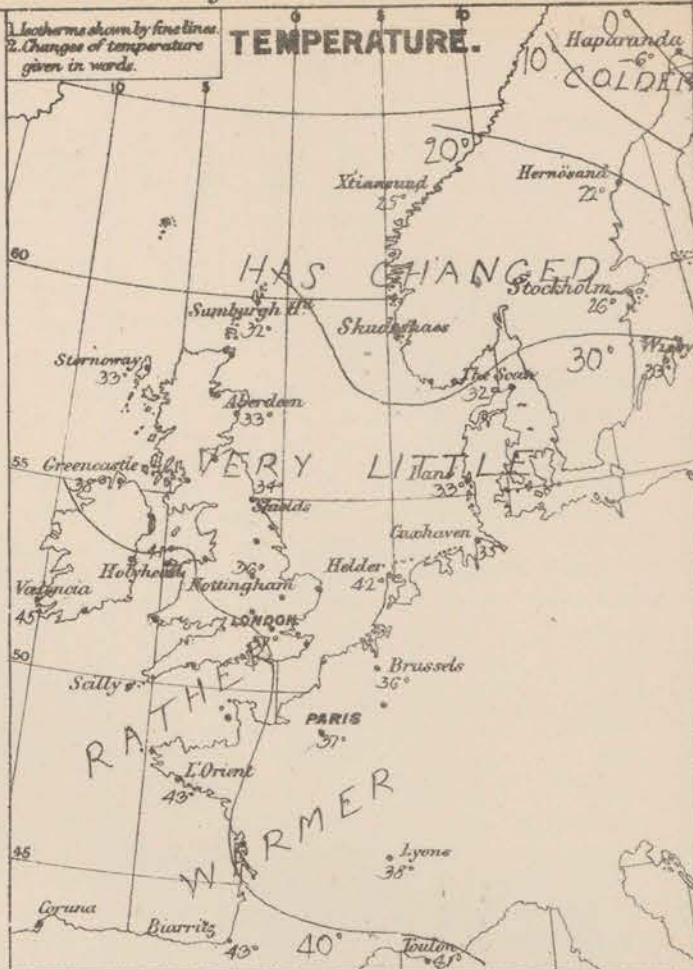
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



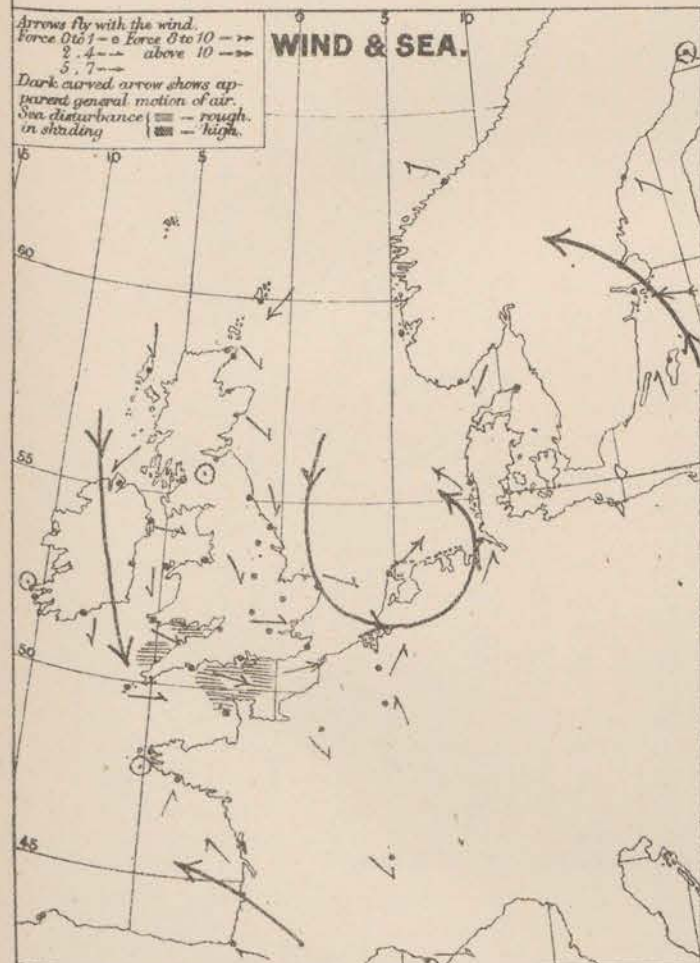
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



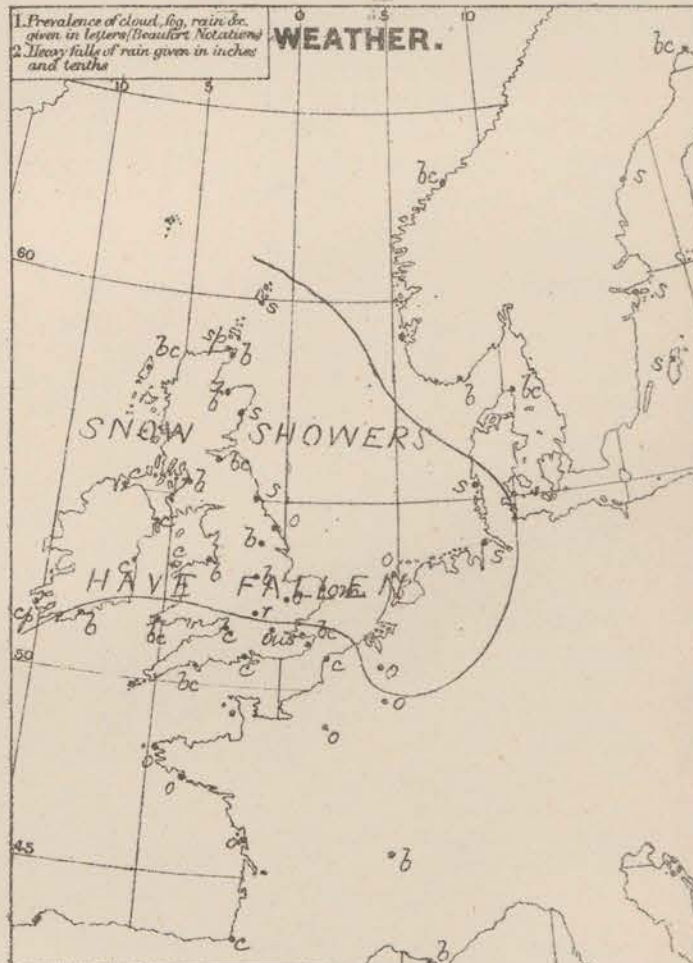
- Arrows fly with the wind.
Force 0 to 10 —→
2, 4, 6, 8, 10 —→
5, 7 —→
Dark curved arrow shows apparent general motion of air.
Sea disturbance: — rough in shading — high.

WIND & SEA.



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

WEATHER.



REMARKS. Weather is rather unsettled over these Islands, and the amount of cloud is very irregularly distributed; the sky is clear at many of the central and western stations, but is more or less cloudy elsewhere, with showers of snow in the east. Rain or snow has fallen except on our south coast. Temperature has changed irregularly but has risen slightly over southern England; it varies from 45° at Valentia to 30° at Hain and to -6° at Haparanda; over France the thermometer varies from 43° in the west to 32° in the north east. Wind is W over the Channel and south of England but is N on our more northern coasts, while in France it is very variable in direction; it is moderate or light in force on all our coasts. Sea is rather rough at Hurst Castle but is moderate to slight at our other stations.

Barometrical Indications. Pressure has increased during the past 24 hours over Scandinavia and the north of the British Isles but has decreased over England and France, and a large complicated disturbance is shown over Denmark and the North Sea.

Warnings. The warning signals were hoisted in the west, north and east last evening, but have been lowered again this morning.

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.
Secretary.

DAILY WEATHER REPORT MARCH 28TH 1878.

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 ...	30.18	5	Z	0	δ	30.23	+ .16	12	12	+ 18	E	4	δ	*	16	-6	-	
Hernösand ...	29.97	24	SSE	6	S	29.93	- .10	32	31	+ 10	SSE	6	δ	*	*	*	0.20	
Stockholm ...	29.80	31	SSE	6	δc	29.81	- .04	35	33	+ 9	SE	5	δc	*	*	*	0.04	
Wibby ...	29.81	33	SE	6	c	29.77	- .00	33	31	0	S	6	δc	*	*	*	-	
Christiansund ...	29.74	25	E	1	δ	29.67	- .13	24	21	- 1	ESE	3	δ	2	28	18	-	
Skudesnaes ...	29.49	31	N	4	δ	29.37	- .16	31	28	+ 2	NNW	6	r	2	46	28	-	
Oxö (Tiansand) ...	29.49	31	NNE	6	δc	29.34	- .37	28	28	0	NW	4	S	3	34	25	0.04	
Skagen (The Scaev) ...	29.40	35	SW	6	r	29.32	- .32	33	32	+ 1	SSW	4	ots	4	37	28	0.32	
Fanö ...	29.47	32	NW	6	c	29.53	- .01	35	33	+ 2	N	4	δc	*	29	30	0.35	
Cuxhaven ...	29.49	39	NW	8	c	29.64	- .08	36	36	+ 1	WSW	4	c	*	2	2	-	
Sumburgh Head ...	29.80	32	NNE	4	δ	29.62	- .19	32	32	0	Z	0	δc	2	35	25	-	
Stornoway ...	29.82	35	N	1	c	29.58	- .29	32	31	- 1	NNW	1	δc	1	37	29	0.01	
Thurso ...	29.83	37	NE	2	δc	29.63	- .23	25	24	- 1	S	1	omv	2	43	22	-	
Wick ...	29.87	35	NE	1	δc	29.63	- .20	33	31	+ 1	S	1	δc	0	41	22	0.09	
Nairn ...	29.85	35	NW	2	δ	29.67	- .18	26	25	- 1	Z	0	δ	1	39	22	-	
Aberdeen ...	29.80	35	NNW	3	δ	29.67	- .12	24	22	- 2	N	1	δ	1	38	21	-	
Leith ...	29.81	36	SE	1	S	29.65	- .16	36	33	+ 4	ESE	1	δ	*	47	25	0.01	
Shields ...	29.81	39	NNE	1	δ	29.66	- .11	37	30	+ 7	NNW	1	δc	3	42	28	0.02	
Scarborough ...	29.80	37	NNW	1	c	29.64	- .11	35	34	- 1	NW	1	δ	2	40	32	0.20	
York ...	29.81	38	N	2	δc	29.67	- .10	31	30	- 1	N	1	δ	*	43	28	-	
Nottingham ...	29.82	39	ENE	2	δ	29.65	- .17	32	32	- 4	Z	0	S	*	45	30	0.04	
Ardsman ...	29.79	43	NNE	1	c	29.66	- .17	33	32	- 1	NE	2	δm	1	47	30	-	
Greenecastle ...	29.84	41	NNE	2	δ	29.63	- .20	35	35	- 2	S	2	δ	*	45	31	0.03	
Donaghadee ...	29.81	40	NNW	3	δ	29.63	- .22	35	34	- 1	E	3	δc	2	44	33	0.19	
Kingstown ...	29.82	43	SE	1	δc	29.61	- .26	37	36	- 1	NNW	4	δc	4	44	36	-	
Holyhead ...	29.82	41	N	2	δc	29.59	- .25	37	35	- 2	E	3	δ	0	44	36	-	
Liverpool (Bidston) ...	29.81	41	NW	1	δ	29.62	- .21	32	32	- 5	E	1	S	1	43	32	0.21	
Valencia ...	29.82	45	NNE	3	δc	29.60	- .33	41	38	- 3	NE	3	δc	4	57	37	0.03	
Roche's Point... ..	29.82	44	N	2	δc	29.58	- .33	39	37	- 2	NNE	3	δ	3	50	36	0.07	
Pembroke ...	29.78	45	N	1	δc	29.54	- .32	36	35	- 1	NNE	3	od	2	47	35	-	
Portishead ...	29.73	46	NNE	3	c	29.54	- .28	38	37	- 1	NNE	4	δ	3	54	34	-	
Scilly ...	29.78	44	Z	0	δ	29.49	- .44	41	40	+ 1	Z	0	δ	*	48	33	0.07	
Plymouth ...	29.79	45	SW	2	c	29.54	- .34	40	40	- 3	Z	0	r	2	48	?	0.65	
Dover ...	29.81	41	ENE	2	δ	29.63	- .19	40	37	+ 3	ESE	3	δc	2	44	35	0.03	
London ...	29.80	45	NNW	2	δm	29.62	- .19	35	34	- 1	ESE	2	δ	*	49	31	-	
Oxford ...	29.81	45	ENE	2	δ	29.58	- .24	36	35	- 1	ENE	1	δ	*	49	34	-	
Cambridge ...	29.81	41	NE	1	δ	29.65	- .13	33	32	- 1	NE	1	S	*	49	28	0.04	
Yarmouth ...	29.79	37	NNW	2	δ	29.67	- .04	35	32	+ 3	NW	1	δ	3	40	29	0.12	
The Helder ...	29.81	45	ENE	2	δ	29.67	+ .02	38	35	- 3	N	1	δc	*	*	*	0.16	
Cape Gris Nez ...	29.82	37	NE	1	δ	29.64	- .20	36	34	- 2	ESE	1	δ	0	45	34	0.04	
Jersey ...	29.80	50	SSE	3	δ	29.49	- .50	39	37	- 2	ENE	3	m	3	50	41	-	
Brest ...	29.83	45	ESE	3	c	29.45	- .56	41	41	- 2	E	4	δ	3	48	39	0.08	
L'Orient ...	29.82	52	SE	3	δ	29.52	- .55	48	46	+ 2	SSE	4	δ	3	54	34	-	
Rochefort ...	29.71	52	S	4	c	29.52	- .41	55	52	+ 3	SSW	4	δ	3	64	39	-	
Biarritz ...	29.71	52	S	4	c	29.52	- .41	55	52	+ 3	SSW	4	δ	3	64	39	-	
Corunna ...	29.85	47	NE	2	δ	29.56	- .42	42	39	+ 3	E	2	f	*	*	*	-	
Brussels ...	29.85	47	NE	2	δ	29.56	- .42	42	39	+ 3	E	2	f	*	*	*	-	
Charleville ...	29.85	47	NE	2	δ	29.56	- .42	42	39	+ 3	E	2	f	*	*	*	-	
Paris ...	29.83	47	NE	2	δ	29.56	- .42	42	39	+ 3	E	2	f	*	*	*	-	
Lyons ...	29.83	47	NE	2	δ	29.56	- .42	42	39	+ 3	E	2	f	*	*	*	-	
Toulon ...	30.03	46	N	1	δ	29.86	- .28	46	45	- 1	S	3	δ	4	52	39	-	

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.54	33	28	N	4	T	2	Valencia	29.86	50	45	N	3	δc	4
Thurso	29.85	40	37	NE	4	δ	3	Scilly							
Scarborough ...	29.80	40	37	NNW	3	δc	3	London	29.82	45	39	NNW	3	δc	*
Greenecastle ...	29.85	44	40	NNE	2	c	*	Rochefort ...	29.92	52	? 50	SE	3	o	3
Holyhead	29.86	43	39	N	3	δ	2								

Pressure still decreases slightly in the W. while it is increasing in the East. Readings have consequently become very uniform over the British Isles.

EXPLANATION OF COLUMNS.

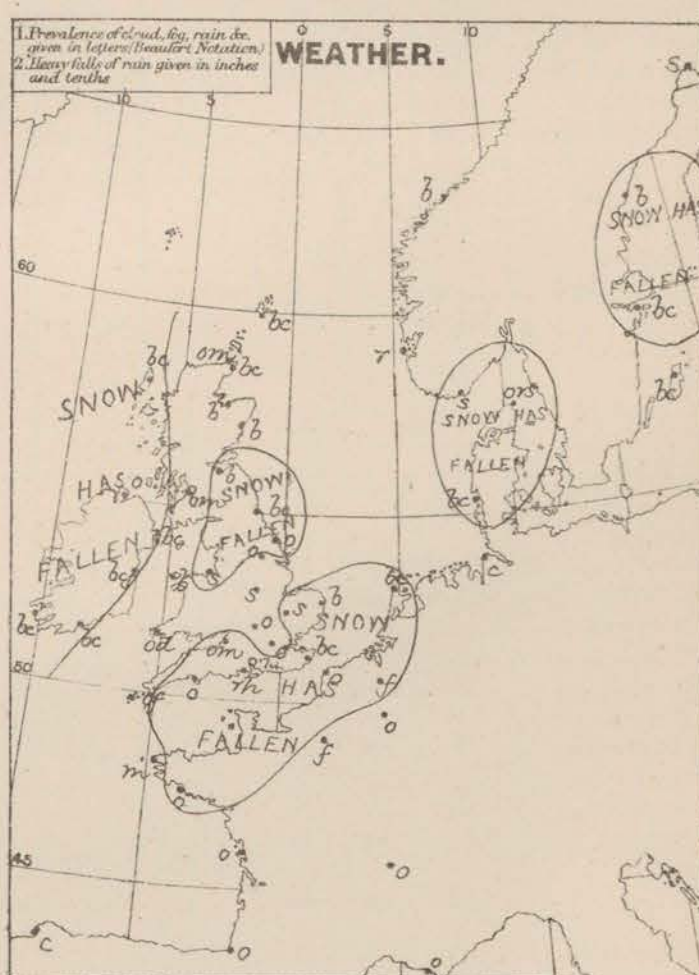
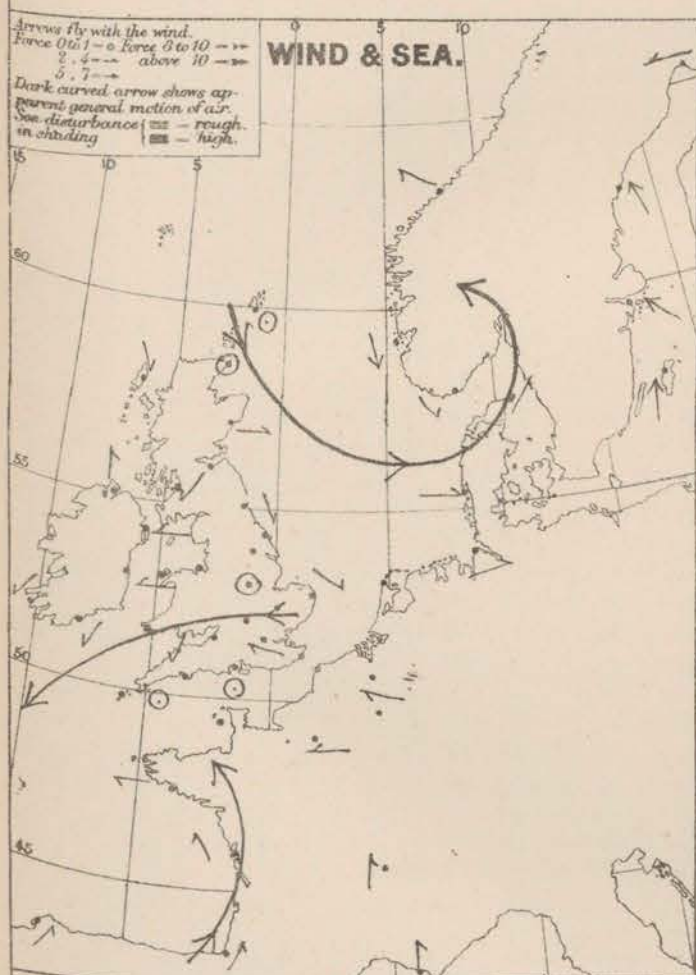
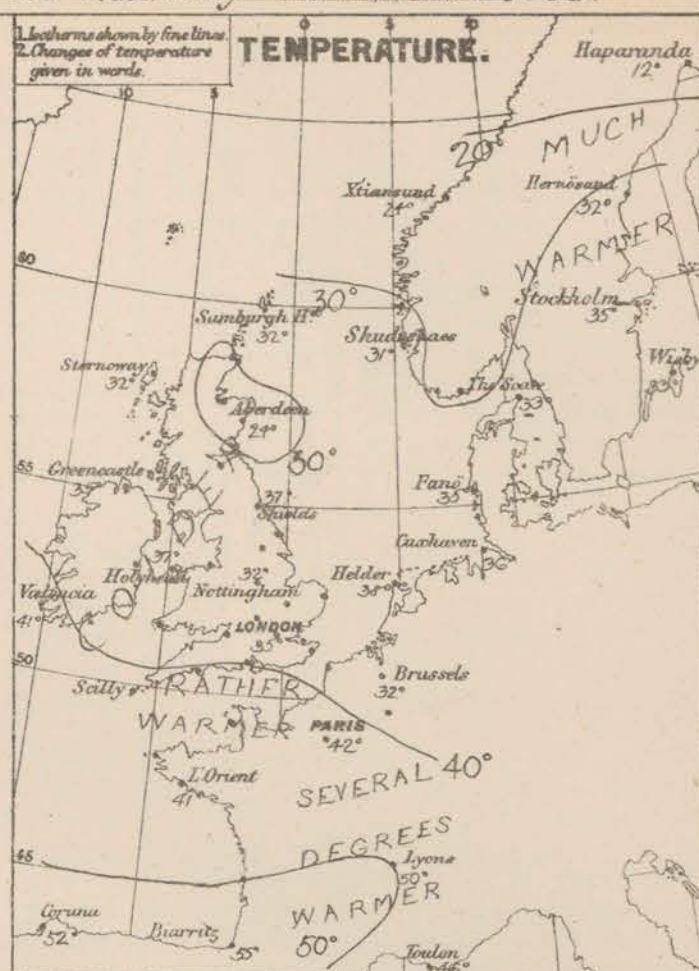
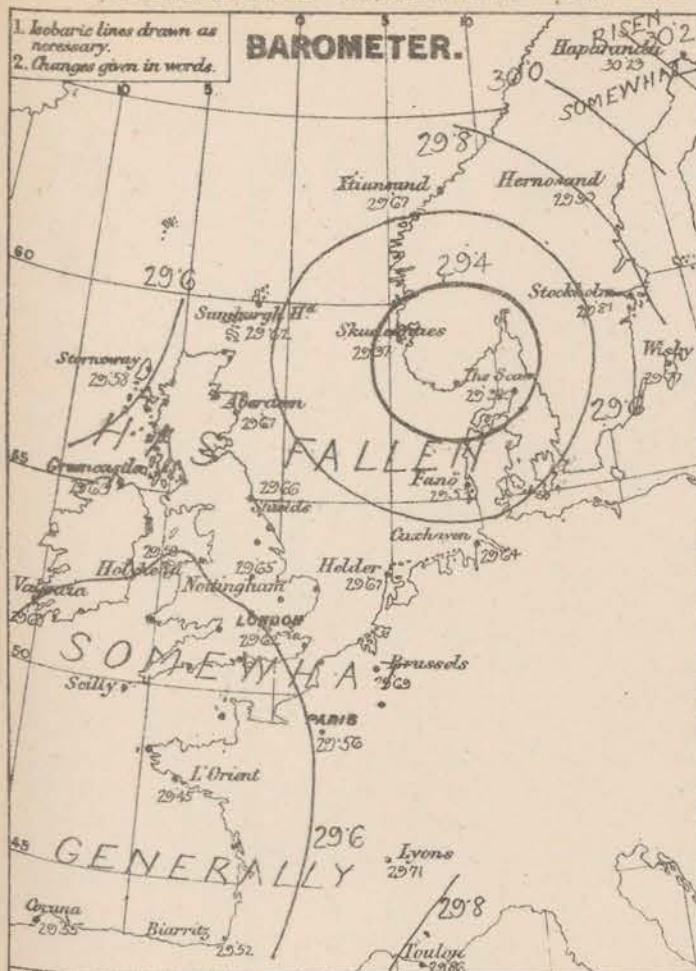
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 28th MARCH 1878.



REMARKS. Weather is cloudy or overcast except in Scotland, with snow at Liverpool, Nottingham, Cambridge and in the Stager Rack rain and hail at Hurst Castle, mist and fog at several places. Rain and snow shows fall over the greater part of the country yesterday or last night but the amounts were not large except at Hurst Castle. Temperature has decreased at all our stations except those on the south coast of England; it is low over these islands and the north of France but in the south of that country a high increase has occurred. The thermometer varies from 55° at Biarritz to 42° at Falmouth, to 32° over Central England and to 24° at Aberdeen. During last night it fell to 31° in the shade and 24° on the grass in London. Wind is strong from W or NW on the eastern shores of the North Sea and is moderate from S. or SE in the south and south east of France, and from E over the north of France and south of England but at our northern stations it is lighter and more variable. Sea is slight or smooth.

Barometrical Indications. Pressure has decreased over the whole of Western Europe and two depressions are shown one over the Stager Rack, the other over the Bay of Biscay.

DAILY WEATHER REPORT

MARCH 29th 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirce.	Force. (0 to 15).		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 15).			Max.	Min.		
Haparanda ...	30.21	10	E	2	δ	29.94	-.29	13	11	+1	NE	6	0	*	18	1	0.04	
Hernösand ...	30.01	27	ESE	2	δc	29.68	-.25	19	16	-13	N	2	0	*	*	*	-	
Stockholm ...	29.77	28	E	5	0	29.64	-.17	26	25	-9	SW	2	c	*	*	*	0.04	
Wibby ...	29.71	29	ESE	4	δ	29.69	-.08	20	28	-3	SE	6	δ	*	*	*	-	
Christiansund ...	29.57	32	ESE	1	δc	29.56	-.11	33	30	+9	SE	5	0	3	?	23	-	
Skudesnaes ...	29.34	33	NNW	3	+	29.43	+ .06	35	30	+4	ESE	4	c	2	36	30	0.35	
Oxö (Xtiansand) ...	29.48	33	SW	4	c	29.54	+ .20	31	30	+3	NE	5	s	3	33	27	0.04	
Skagen (The Sea) ...	29.60	33	SW	4	δ	29.60	+ .25	33	31	0	SW	2	δ	1	37	28	-	
Fanö ...	29.60	30	SW	1	δ	29.52	-.01	31	30	-4	ENE	4	c	*	39	28	0.08	
Cuxhaven ...	29.65	37	W	0	s	29.42	-.22	36	36	0	E	4	s	*	?	?	-	
Sumburgh Head ...	29.64	34	NNE	3	c	29.62	-.00	34	32	+2	NNE	6	c	6	39	30	-	
Stornoway ...	29.60	32	N	1	δ	29.77	+ .19	33	32	+1	N	5	δc	2	36	24	0.09	
Thurso ...	29.63	33	S	1	δ	29.72	+ .09	36	35	+11	NE	5	sp	4	42	18	0.06	
Wick ...	29.67	36	Z	0	δ	29.71	+ .08	34	33	+1	N	3	δc	2	44	24	0.01	
Nairn ...	29.63	34	Z	0	δ	29.75	+ .08	27	27	+1	NNE	1	δ	1	41	25	0.01	
Aberdeen ...	29.63	36	SSE	1	δ	29.67	-.00	31	30	+7	NNW	3	sp	2	41	22	0.02	
Leith ...	29.57	37	ESE	3	δ	29.67	+ .02	32	34	+2	NE	3	δ	*	41	30	0.03	
Shields ...	29.55	38	E	3	δ	29.60	-.06	36	33	-1	NE	4	δc	3	42	30	0.01	
Scarborough ...	29.54	37	E	3	0	29.53	-.11	39	35	+4	ENE	5	c	5	39	35	-	
York ...	29.53	37	E	2	δ	29.50	-.17	38	34	+7	ENE	3	δc	*	39	29	-	
Nottingham ...	29.46	36	ENE	6	0	29.43	-.22	37	35	+5	NE	7	0	*	39	31	0.12	
Ardrossan ...	29.54	35	ESE	2	c	29.68	+ .02	34	30	+1	N	2	δ	1	46	30	0.02	
Greencastle ...	29.47	38	ENE	1	c	29.70	+ .07	37	35	+2	NE	2	δ	*	43	31	0.04	
Donaghadee ...	29.51	36	ESE	3	δc.	29.66	+ .03	37	34	+2	NE	7	δ	5	39	33	0.11	
Kingstown ...	29.40	38	E	5	0	29.58	-.03	39	35	+2	NNE	6	c	6	40	36	0.23	
Holyhead ...	29.41	34	E	6	s	29.57	-.08	38	35	+1	NE	6	c	4	41	34	0.05	
Liverpool (Bidston) ...	29.44	33	ENE	4	0	29.49	-.13	35	35	+3	NE	4	0	2	35	31	0.07	
Valencia ...	29.37	42	N	3	c	29.60	-.00	37	33	-4	NE	6	δc	6	47	35	-	
Roche's Point... ..	29.40	41	NE	5	δc	29.48	-.10	36	34	-3	NE	7	0	4	46	34	0.06	
Pembroke ...	29.29	33	NNE	2	0	29.34	-.20	32	31	-4	NE	8	0	4	37	32	-	
Portishead ...	29.32	36	NE	5	+	29.23	-.31	33	33	-5	E	7	OTS	6	45	31	0.38	
Scilly ...														*				
Plymouth ...														*				
Hurst Castle ...	29.28	41	E	6	+	29.07	-.47	38	37	-2	E	5	rms	6	45	24	0.68	
Dover ...	29.36	40	ESE	5	0	29.09	-.34	37	36	-3	ESE	7	OTS	6	42	36	0.42	
London ...	29.37	37	E	6	OTS	29.20	-.42	34	33	-1	ENE	8	OTS	*	45	31	0.52	
Oxford ...	*	*	*	*	*	29.26	-.32	32	32	-4	NE	4	s	*	40	32	0.14	
Cambridge ...	29.43	38	E	1	0	29.29	-.24	36	34	+3	ENE	5	s	*	40	31	0.05	
Yarmouth ...	29.48	38	E	6	δc	29.29	-.28	36	35	+1	NE	9	OTSM	7	40	34	0.01	
The Helder... ..	*	*	*	*	*									*	*	*		
Cape Gris Nez ...	29.34	37	ENE	5	+	29.07	-.37	37	37	+1	ENE	6	+	5	43	34	0.63	
Jersey ...														*				
Brest ...	29.18	46	NE	3	+	28.92	-.57	41	39	+2	NNW	4	0	3	?	?	0.24	
L'Orient ...	29.15	46	SSW	3	0	28.95	-.50	43	43	+2	NNW	3	c	4	50	39	0.24	
Rochefort ...	29.29	50	E	1	+	29.07	-.45	48	46	0	SSE	3	0	3	54	34	0.71	
Biarritz ...	29.24	55	SSW	3	c	29.05	-.47	48	45	-7	WSW	6	+	4	63	45	0.20	
Corunna ...	*	*	*	*	*									*	*	*		
Brussels ...	*	*	*	*	*	29.11	-.58	44	43	+12	ESE	1	0	*	?	?	0.59	
Charleville ...	*	*	*	*	*	29.12	-.52	44	*	+8	SE	6	0	*	*	*	*	
Paris ...	29.26	45	E	3	+	29.06	-.50	50	46	+8	SW	2	c	*	*	*	0.35	
Lyons ...	*	*	*	*	*	29.18	-.53	55	*	+5	S	4	c	*	*	*	*	
Toulon ...	29.62	48	E	7	0	29.39	-.47	50	48	+4	SE	7	+	7	52	46	-	

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

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudesnaes ...	29.31	36	30	NNW	7	+	2	Valencia	29.48	45	41	N	2	bc	3
Thurso	29.39	40	35	S	2	δ	2	Scilly							
Scarborough ...	29.38	37	23	E	3	bc	3	London	29.44	42	38	ESE	3	o	*
Greencastle ...	29.49	41	38	E	2	bc	*	Rochefort ...	29.47	50	50	S	4	o	3
Holyhead	29.47	38	35	E	6	c	4								

Pressure is decreasing everywhere - most in the SE. and the wind is E³ over the greater part of the country.

EXPLANATION OF COLUMNS.

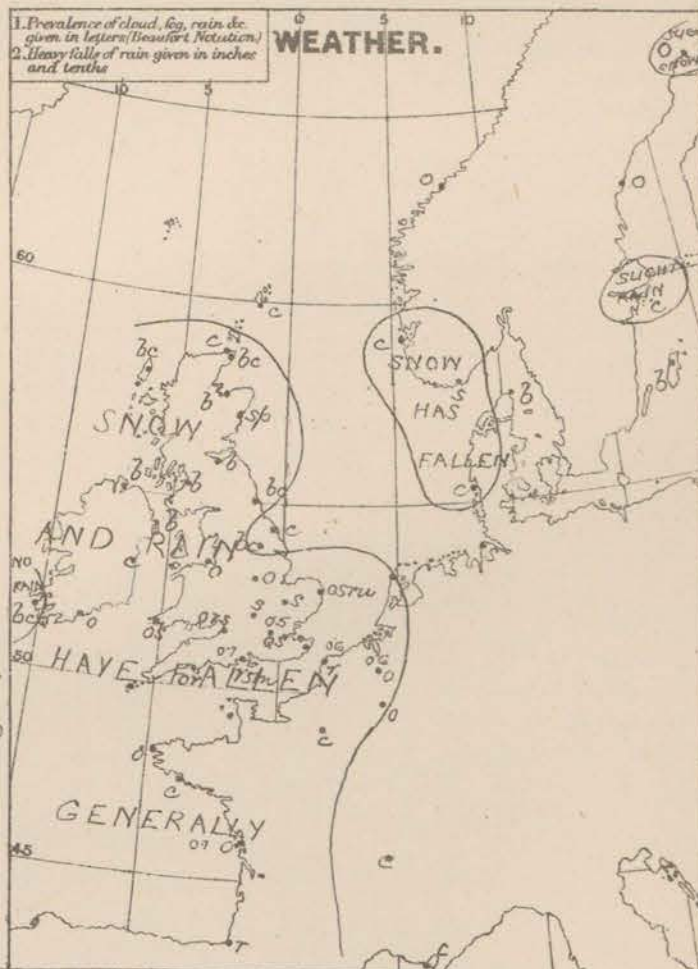
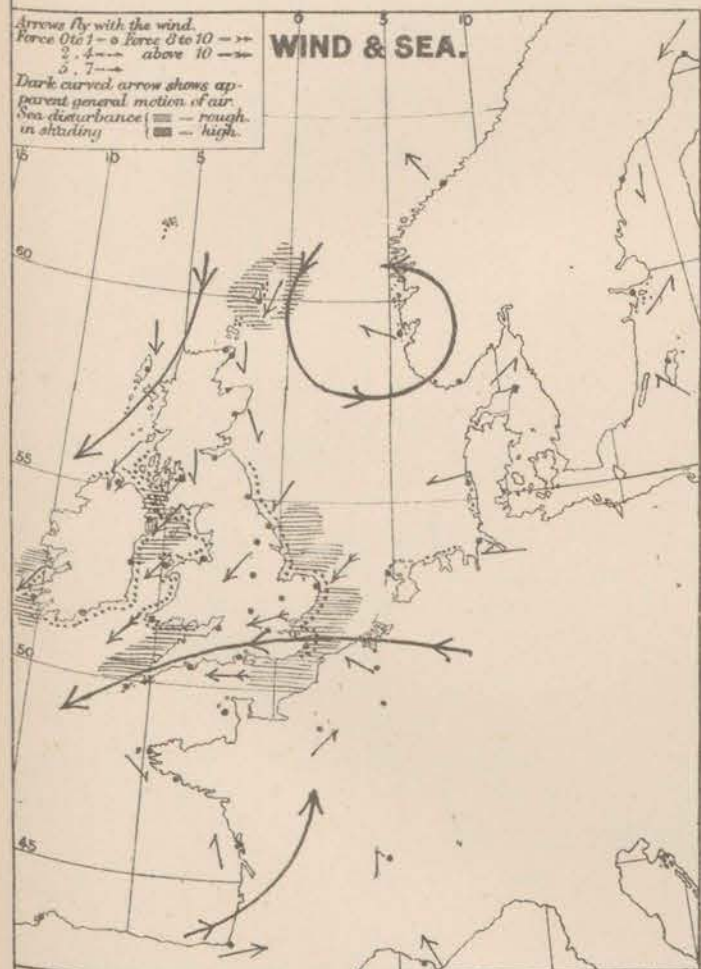
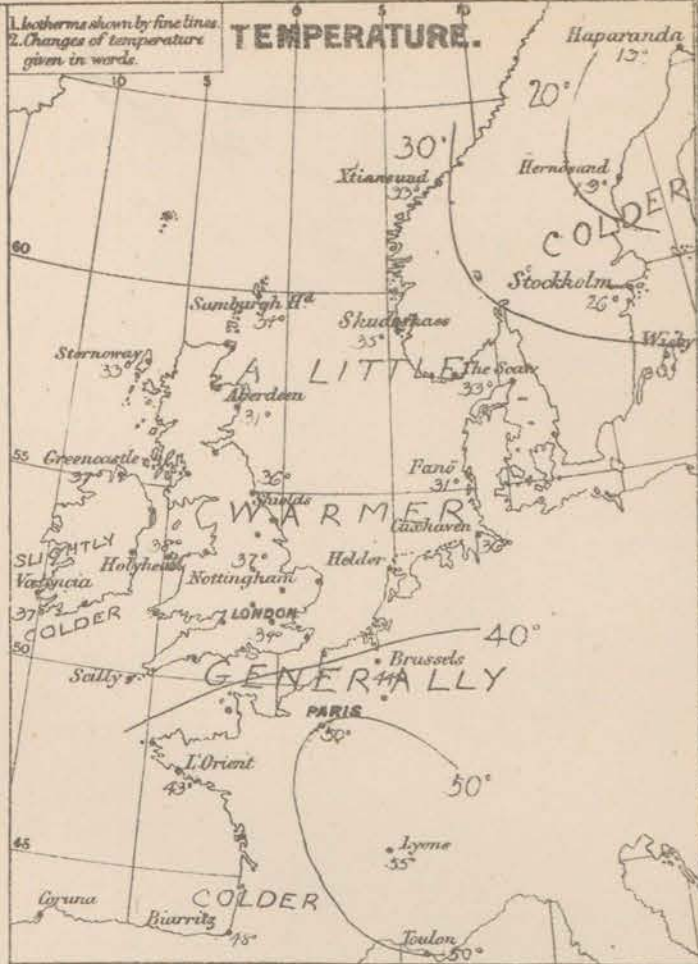
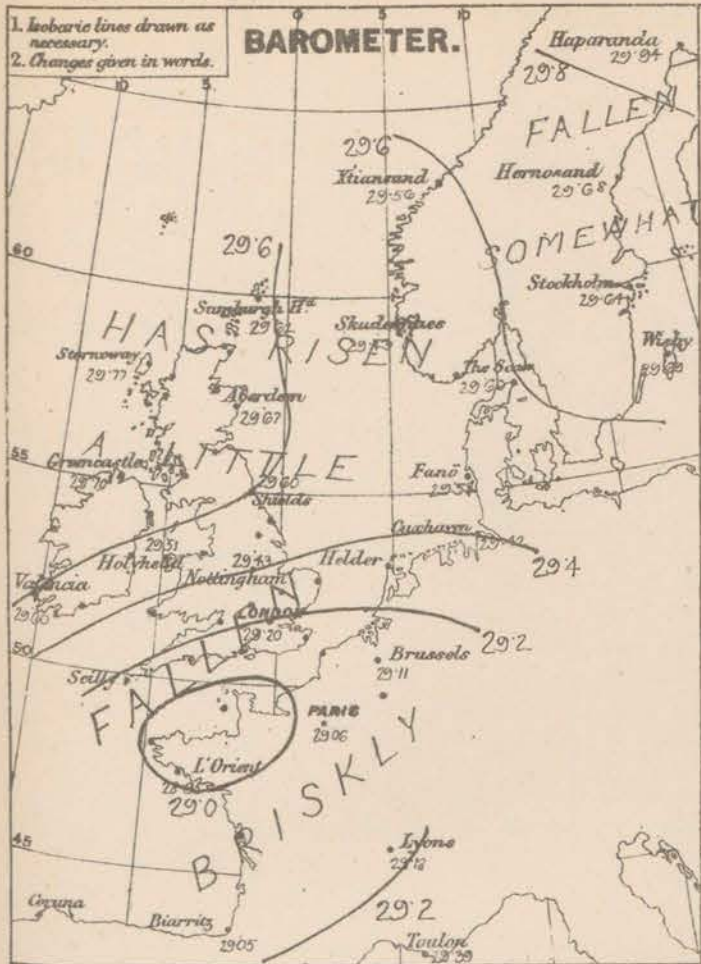
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Friday 29TH MARCH 1878.



Note A dotted line is drawn round those coasts on which the warning signals are now located.

REMARKS. Weather is fine at our north western stations but is overcast elsewhere, with heavy snow over the whole of southern England, the east of Scotland and at Cussham and Aëb, rain is falling at Biarritz and Cape Gris Nez. Rain, hail and snow have fallen over the greater part of the Kingdom, but the amounts are not large except at Hurst Castle and London, where over half an inch has been measured. Temperature has changed little and irregularly; it is low over these Islands, varying from 39° at Kingstown to 27° at Naumie. In France the weather is warmer. During last night the thermometer fell to 18° in the shade at Tussis, to 29° at York to 31° at Cambridge and 33° in London. Wind is NE^{ly} to E^{ly} over the British Isles, the Netherlands and the North Sea; it is strong at all our western stations and blows a fresh to land gale in the south east and south; in the north west of France the wind is moderate from NW. Sea is moderate to rough.

Barometrical Indications Pressure is increasing briskly in the west and north, while it has decreased rapidly over France and the Channel. A deep depression lies over the north west of France, while the small shallow depression still lies over the west of Norway.

Mornings. The North Sea was hoisted on our south east coast yesterday afternoon, in the east in the evening, and the following message has been sent to our west and north east coasts this morning:— "NE^{ly} gale in Channel likely to spread northwards."

Hour: North Sea. Friday ten am"

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.
Secretary.

DAILY WEATHER REPORT MARCH 30th 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										LAST 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 ...	29.58	22	S	4	S	29.73	-.21	13	12	0	S	2	7	*	?	12	0.16	
Hernösand ...	29.68	13	Z	0	6	29.76	+ .08	9	9	- 10	Z	0	c	*	*	*	0.04	
Stockholm ...	29.69	29	SE	4	0	29.46	- .18	31	31	+ 5	ENE	9	s	*	*	*	0.04	
Wisby ...	29.69	33	ESE	6	0	29.36	- .23	38	36	+ 8	SE	8	c	*	*	*	0.08	
Christiansund ...	29.56	29	Z	0	6	29.52	- .04	28	24	- 5	ESE	3	6	3	37	19	-	
Skudesnaes ...	29.39	33	SSE	4	6c	29.43	.00	32	27	- 3	NE	6	c	3	37	?	-	
Oxö (Xtiansand) ...	29.52	33	NE	5	0	29.42	- .22	31	30	0	NNE	6	0	4	37	27	-	
Skagen (The Swan) ...	29.49	34	ESE	5	S	29.24	- .36	32	31	- 1	E	6	S	6	36	28	-	
Fanö ...	29.24	33	ENE	6	S	29.02	- .50	35	35	+ 4	ENE	4	f	*	37	30	0.08	
Cuxhaven ...	29.22	37	E	3	f	28.97	- .45	41	41	+ 5	SSE	2	0	*	41	34	0.53	
Sumburgh Head ...	29.46	35	NNE	6	c	29.52	- .10	32	32	- 2	NNE	5	S	5	38	30	0.12	
Stornoway ...	29.71	34	N	4	m	29.69	- .08	31	30	- 2	NNE	2	6	3	35	27	0.01	
Thurso ...	29.62	34	N	5	S	29.58	- .14	36	36	0	N	5	sp	5	40	32	0.26	
Wick ...	29.59	32	N	3	6	29.57	- .14	34	33	0	N	3	S	3	39	23	0.15	
Nairn ...	29.68	34	NNW	2	6	29.63	- .12	34	32	+ 7	NNW	3	6	2	39	27	-	
Aberdeen ...	29.58	34	NNW	4	Sp	29.52	- .15	34	33	+ 3	NNW	4	S	3	40	31	0.17	
Leith ...	29.62	38	NE	4	6c	29.51	- .16	37	35	- 1	NE	4	6c	*	46	31	-	
Shields ...	29.53	38	NE	8	S	29.43	- .17	35	34	- 1	NE	4	6	6	41	28	0.24	
Scarborough ...	29.44	38	N	4	c	29.35	- .18	39	36	0	NNE	6	c	5	41	33	0.13	
York ...	29.47	37	N	2	6c	29.37	- .13	32	32	- 6	N	2	S	*	44	28	0.11	
Nottingham ...	29.44	38	N	4	6c	29.36	- .07	35	32	- 2	N	6	S	*	47	29	0.01	
Ardrossan ...	29.65	40	NNE	3	6	29.57	- .11	36	32	+ 2	N	3	6	2	47	31	-	
Greencastle ...	29.71	39	N	3	6c	29.64	- .06	37	35	0	N	4	6c,p	*	44	34	0.08	
Donaghadee ...	29.65	40	NNE	7	6c.	29.58	- .08	39	36	+ 2	N	7	6	5	44	35	-	
Kingstown ...	29.63	43	N	6	6	29.61	+ .03	36	34	- 3	NNW	5	6	5	43	23	0.01	
Holyhead ...	29.56	42	NNE	6	6	29.53	+ .02	38	35	0	NNE	6	6	4	43	35	0.03	
Liverpool (Bidston) ...	29.51	39	N	3	c	29.46	- .03	36	33	+ 1	NNW	3	6	3	43	31	-	
Valencia ...	29.75	45	N	5	6c	29.80	+ .20	38	36	+ 1	N	5	6c,rs	5	47	36	0.08	
Roche's Point... ..	29.67	43	NE	6	6c	29.71	+ .23	38	34	+ 2	NNE	6	c	4	46	35	-	
Pembroke ...	29.50	40	NNE	2	c	29.52	+ .18	32	32	0	NNW	6	6c,s	3	41	30	0.06	
Portishead ...	29.34	39	N	7	6c	29.41	+ .18	33	30	0	N	5	c	5	42	?	0.02	
Seilly ...	29.28	38	NNE	3	6c	29.43	+ .40	35	31	+ 1	N	1	05	*	30	31	0.01	
Plymouth ...	29.23	39	NE	7	c	29.32	+ .25	34	32	- 4	N	5	6	4	40	30	0.05	
Hurst Castle ...	29.16	34	NE	7	S	29.12	+ .03	34	32	- 3	NNE	5	6c,s	4	39	23	0.28	
Dover ...	29.29	36	N	6	6c	29.26	+ .06	34	32	0	N	6	6c	*	37	32	0.15	
London ...	29.33	37	NNE	4	0	29.35	+ .09	31	30	- 1	NNW	3	c	*	39	29	0.04	
Oxford ...	29.08	37	NE	8	6c	29.17	- .12	36	33	0	N	6	6c	6	37	32	0.23	
The Helder ...	29.00	35	NE	8	6c	29.00	- .28	35	35	- 2	N	3	6	*	*	*	0.67	
Cape Gris Nez ...	29.13	37	NNE	8	f	29.08	+ .01	34	34	- 3	N	10	S	8	41	32	0.28	
Jersey ...	29.19	48	ENE	5	f	29.53	+ .61	37	34	- 4	N	5	6	3	48	?	0.12	
Brest ...	29.08	45	N	5	0	29.52	+ .57	39	34	- 4	N	5	6	4	30	34	0.16	
L'Orient ...	29.03	38	NNW	6	f	29.34	+ .27	39	39	- 9	N	6	T	4	34	41	0.24	
Roche fort ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	28.96	50	NE	4	f	29.02	- .04	37	36	- 13	NNW	5	f	*	*	*	0.35	
Charleville ...	29.22	48	SE	2	6	29.22	+ .04	48	*	- 7	SE	2	6	*	*	*	*	
Paris ...	29.27	50	SW	6	0	29.26	- .10	45	43	- 5	SW	3	f	6	59	?	0.32	
Lyons ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Toulon ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudeanaes ...	29.41	37	34	SW	2	8	2)	Valencia -----	29.69	45	38	NNE	7	bc	6
Thurso	29.69	36	34	NNE	5	Sp	5	Seilly							
Scarborough ...	29.48	39	35	NNE	6	bc	6	London	29.27	35	34	NE	7	og	*
Greencastle ...	29.70	43	38	N	3	8	*	Rochefort ...	28.95	48	46	N	4	o	4
Holyhead	29.56	41	37	NE	6	bc	5								

Pressure is changing very slightly but still decreases over France. The wind remains strong from North-East.

EXPLANATION OF COLUMNS.

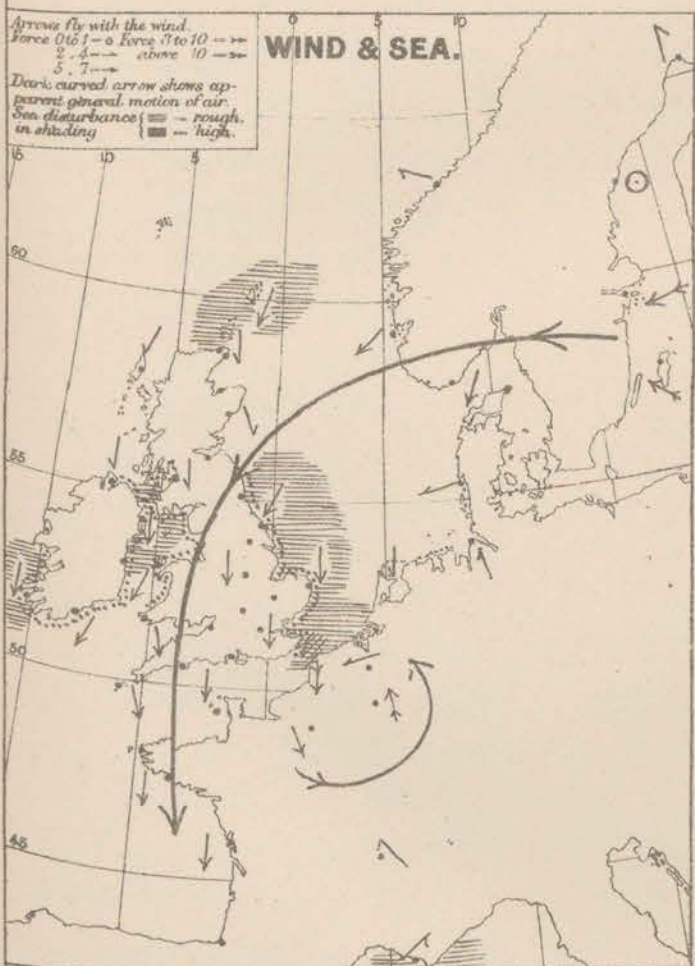
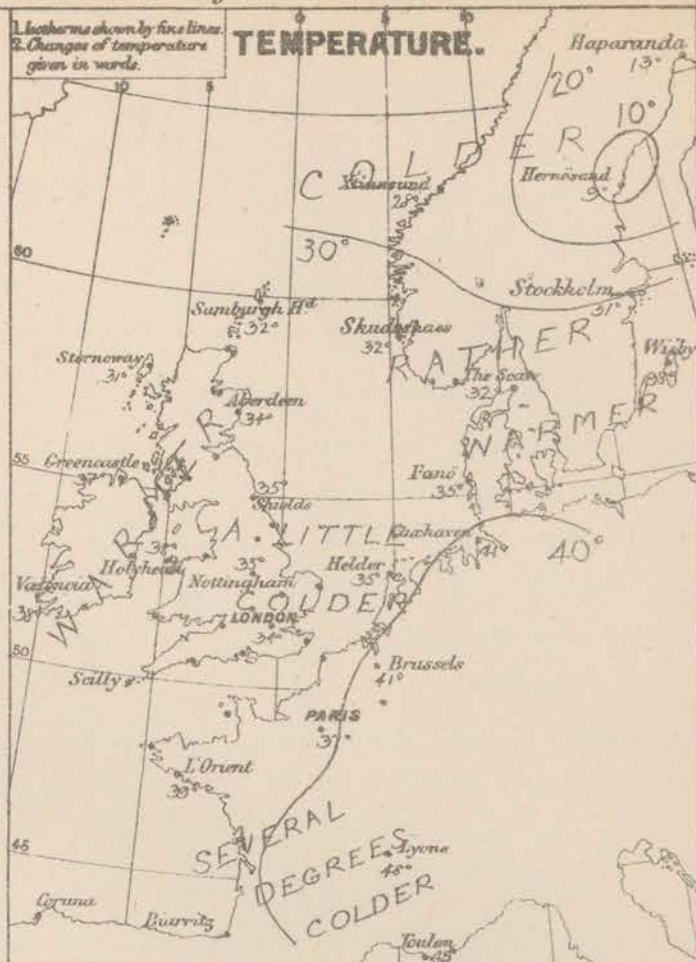
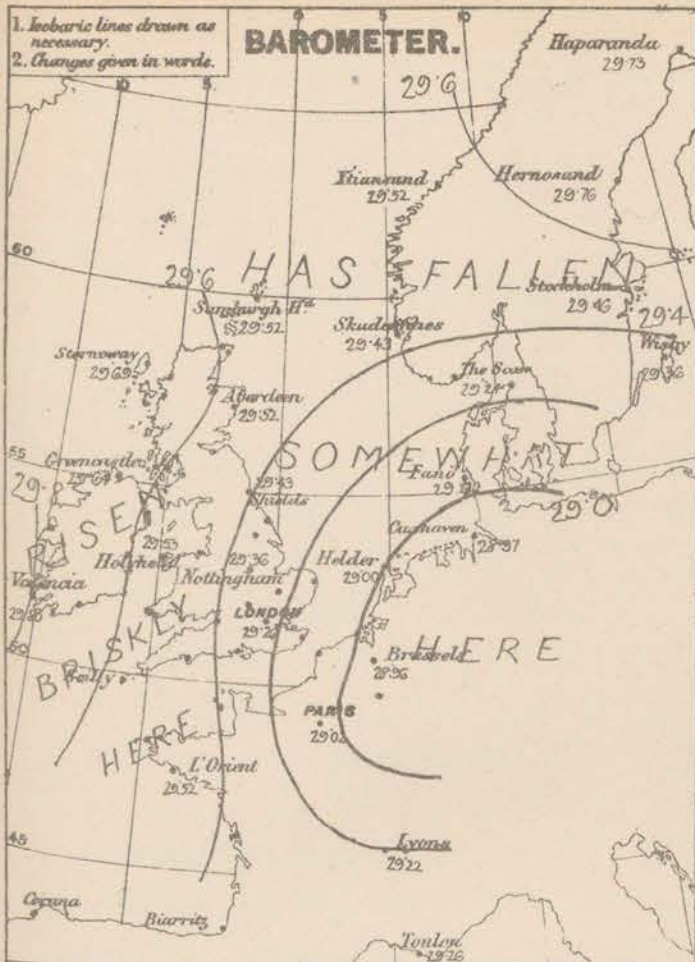
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* 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 30th MARCH 1878.



SUMMARY OF WEATHER IN WESTERN EUROPE

from MARCH 24th to MARCH 30th 1878.

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

This has been an exceedingly unsettled week and several depressions have seriously affected our weather. During the early part of the time these disturbances passed generally from NW. to SE. across our east coast and the North Sea, occasioning strong N^W winds, snow, low temperature and very changeable weather. No serious gales, however accompanied them, though that of Sunday caused a fresh to hard gale in the NW. and a very sudden and severe squall in the SE. On the 28th, however, a depression appeared over the NW. of France. This disturbance subsequently became very much deeper, and as it advanced eastward up the Channel, severe E^W gales with heavy snow prevailed over the whole of S^W England. It ultimately travelled away over North Germany and on Saturday the winds had returned to the N^W very generally.

MARCH 24th Pressure was increasing over Sweden and Norway, but was decreasing over the whole of Western Europe, rather bristly at our northern stations, readings were highest in the N. of Spain, but over these Islands and their immediate neighbourhood the distribution of pressure was very irregular, several small atmospheric disturbances being shown on the Chart. Wind was N^W to NW^W and though light or moderate in most places was strong and squally over Scotland and the Irish Sea. Temperature had fallen several degrees at the Scotch stations, but had risen in the South, it varied from 43° at Valentia to 32° on our E. coast and to 27° at Storn and Aberdeen. Weather was fine over the greater part of the country, but in the North of Scotland and Ireland snow showers had commenced at 8 a.m. In the course of the day a small depression passed Southward from the north of Scotland along our east coast, causing an extremely sudden change in the weather, bright clear skies being followed very quickly by heavy snow, while the wind rose to a fresh or hard gale in the N. of Scotland and NW. of England. In addition to this a very sudden and heavy NW^W squall passed with great rapidity over England the wind for a few minutes rising to the force of a fresh gale. This change occurred at 10.20 a.m. at Redale in Yorkshire, at 3.50 p.m. in London and at about the same hour in the Channel.

MARCH 25th The mercury had fallen somewhat over the Netherlands and east of France, but risen in all other parts of our area, a large area of low pressure, having two foci, one over the Stager Rock, the other near Brussels, lay over the North Sea, and the countries on its eastern shore, while the highest readings reported was from General 30.21 in. N^W to NW^W breezes were consequently experienced on all our own and the French coast, while in Belgium the wind was N^W, and in Holland E^W; at many of our stations it was strong in force and had risen to a fresh or hard gale in the NW. Temperature was rather higher both over Scotland and in the S.W. of France, but was slightly lower in most other places; it varied from 45° at Biarritz to 33° on our NE. coast and 7° at Haparanda. Weather was fine though snow was falling in some places. Snow and hail had occurred over the greater part of the country. Barometer rose slowly everywhere during the day and the N^W winds fell lighter.

MARCH 25th The barometer was rising everywhere, but the general distribution of pressure remained the same as on the previous day, the highest reading 30.3 in. being still reported from Lyons, and the lowest 29.6 in. from the Stager Rock. Wind was NW^W in most places and light in force. Temperature had scarcely changed, it ranged from 45° in the N. of France to 32° at Wad and 3° at Haparanda. Weather was fine, but slight snow had fallen in many parts of the country. In the evening pressure was decreasing again everywhere - most on our NE. coast, - and the wind had backed ^{more} to the westward.

MARCH 27th The mercury was rising slightly over Scandinavia and the N. of Scotland, as well as in the SE. of France but was falling in all other places. A small depression had apparently passed across Scotland during the night and joined that which was lying over the Skager Rack on the 26th. Wind was light from the NW on most of our coasts, moderate to fresh from N. and SW. over the Channel and the Netherlands, strong from SE. at Tans. Temperatures had changed very little and irregularly except in the S. where it had risen a few degrees. Weather was unsettled with snow showers in many parts of the country. In the evening the depression was travelling E^{ward} over the S. of Sweden, and a slight recovery commenced on our east coast, though elsewhere the barometer still fell.

MARCH 28th Pressure was decreasing over the whole of Western Europe, and two distinct areas of low ^{pressure} readings were shown, one still in the neighbourhood of the Skager Rack (The Scaur 29.32 in.) then the other ^{over} the Bay of Biscay (Lorient 29.45 in.). Readings were very uniform and the winds which were light were governed by the two cyclonic systems. Temperatures had risen several degrees over France, but had fallen over these Islands—particularly at some of the Scotch stations, where it was as low as 25°. Weather was fine in Scotland, but overcast with snow in the south. During the day the SW disturbance became much deeper and advancing slowly up the Channel caused strong E^{ly} winds in the SE. and S. at 6 P.M. after that hour the winds rose quickly, and an exceptionally heavy ^{E^{ly}} gale was felt all along our S. coast. Such a strong gale from the E^{ward} has not been experienced in the Channel for a long time and the snow which accompanied it was exceedingly heavy—more particularly in Devon and Cornwall.

MARCH 29th The barometer was rising in the N. while the NW depression was filling up, and had become of very little importance, the SW disturbance on the contrary, which now lay over the Channel and NW. of France had become very much deeper, (Brest 29.92 in.) and caused steep gradients over England and Ireland. Wind which was NE^{ly} to E^{ly} on our coasts was strong generally and had increased to a hard gale at Yarmouth and to a fresh or moderate gale at all our more SW stations; in the NW. of France the wind was NW^{ly} and in the S. and E. SW^{ly} and SE^{ly}. Temperatures had changed very little, it varied from 55° at Lyons to 31° at Aberdeen and 34° at Haparanda. Weather was clear in the NW. dull elsewhere with snow in the S. Later Reports showed that the depression was moving away E^{ward} over N. Germany, while the winds had backed to the NW, at Shields it blew with the force of a hard gale at 7 P.M.

MARCH 30th The mercury had fallen quickly on the eastern shores of the North Sea, and the disturbance lay apparently over North Germany and the Netherlands, a brisk recovery had occurred in it near ^{is.} over the NW. of France and SW. of England but elsewhere very little change was reported, while at ^{all} the more NW. stations the barometer still fell. Wind was NE^{ly} to N^{ly} except in Sweden, and at Charlsvik and Gishavik; it was still strong in force but the galls had subsided. Temperatures were rather higher in the N. but were lower elsewhere—several degrees over France, it varied from 39° to 31° over these Islands. Weather was unsettled with snow showers in several places. No change of importance occurred during the day.

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

DAILY WEATHER REPORT

March 31st 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										LAST 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 ...	29.50	6	N	0	0	29.68	-.05	28	27	+ 15	NE	2	0	*	28	5	-	
Hernösand ...	29.50	26	NE	6	5	29.21	-.55	32	32	+ 23	E	6	5	*	*	*	0.35	
Stockholm ...	29.16	33	E	4	5	29.94	-.42	39	38	+ 8	SSH	3	0	*	*	*	0.08	
Wisby ...	29.07	48	SE	6	7	29.09	-.27	43	41	+ 5	S	6	0	*	*	*	0.16	
Christiansund ...	29.37	31	E	6	0	29.05	-.44	30	28	+ 2	ENE	4	0	3	?	23	-	
Skudesnaes ...	29.25	33	NNW	2	0	29.05	-.38	35	31	+ 3	NNW	2	0	2	37	32	-	
Oxö (Xiänsand) ...	29.16	29	NNE	6	5	29.02	-.30	31	31	0	NW	4	5	2	?	28	-	
Skagen (The Seaw) ...	29.05	36	SSH	4	7	28.95	-.29	34	33	+ 2	NE	2	7	0	36	30	0.32	
Fanö ...	29.04	33	NW	4	5	29.06	+ .04	35	34	0	NW	4	0	*	39	32	0.32	
Cuxhaven ...	29.01	?	SW	1	7	29.08	+ .11	38	37	- 3	N	6	0	*	43	36	0.42	
Sundburgh Head ...	29.43	28	NNE	3	0	29.07	-.45	29	28	- 3	NNE	3	0	3	35	22	0.02	
Stornoway ...	29.60	33	NNW	2	0	29.32	-.36	30	29	- 1	N	2	0	3	35	25	0.02	
Thurso ...	29.53	33	NNW	5	5	29.20	-.38	32	31	- 4	NW	6	0	5	41	28	-	
Wick ...	29.48	31	N	4	5	29.12	-.45	30	30	- 4	NNW	6	5	3	39	20	0.31	
Nairn ...	29.58	32	NNW	2	0	?	?	27	27	- 7	L	0	0	1	37	26	-	
Aberdeen ...	29.50	35	NNW	3	0	29.28	-.24	27	26	- 7	NW	3	0	2	39	25	0.18	
Leith ...	29.52	40	NE	2	0	29.31	-.20	32	32	- 5	NE	1	0	*	45	30	0.01	
Shields ...	29.49	40	NE	4	0	29.34	-.09	32	31	- 3	N	1	0	3	41	29	0.10	
Scarborough ...	29.41	39	N	5	0	29.36	+ .01	34	32	- 5	N	1	0	2	41	31	0.08	
York ...	29.47	36	NNW	1	0	29.40	+ .03	34	32	+ 2	WSW	2	0	*	44	28	0.03	
Nottingham ...	29.47	38	NNW	4	0	29.46	+ .10	37	34	+ 2	SW	3	0	*	44	26	-	
Ardrossan ...	29.56	44	NNW	3	0	29.33	-.24	35	33	- 1	NW	3	0	2	47	34	0.02	
Greenecastle ...	29.67	39	N	2	0	29.39	-.25	39	35	+ 2	NW	2	0	*	43	32	0.09	
Donaghadee ...	29.61	38	NW	6	0	29.37	-.21	37	36	- 2	N	5	0	4	44	34	0.01	
Kingstown ...	29.66	40	NNW	4	0	29.53	-.08	39	36	+ 3	N	3	0	3	42	35	0.01	
Holyhead ...	29.60	41	NNW	6	0	29.48	-.15	40	38	+ 2	N	3	0	3	43	38	-	
Liverpool (Bidston) ...	29.53	41	NW	2	0	29.43	-.10	37	35	+ 1	WSW	3	0	2	45	35	-	
Valencia ...	29.83	44	N	3	0	29.58	-.22	45	43	+ 7	N	1	0	1	47	37	0.12	
Roche's Point... ..	29.74	40	N	5	0	29.61	-.13	41	39	+ 3	NNW	3	0	3	45	36	-	
Pembroke ...	29.64	40	NNW	4	0	29.57	+ .05	41	37	+ 9	N	3	0	3	42	31	0.05	
Portishead ...	29.48	38	NW	4	0	29.55	+ .14	38	35	+ 5	N	3	0	3	45	31	-	
Scilly ...	29.57	42	N	3	0	29.62	+ .19	36	35	+ 1	NNW	1	0	*	53	33	0.03	
Plymouth ...	29.46	39	NNW	3	0	29.56	+ .24	38	36	+ 4	NNW	4	0	4	44	30	0.02	
Hurst Castle ...	29.30	36	N	6	0	29.50	+ .38	37	36	+ 3	NNW	3	0	2	38	32	0.08	
Dover ...	29.40	40	NW	3	0	29.54	+ .28	34	31	0	N	2	0	*	41	28	0.05	
London ...	29.54	41	NW	1	0	29.54	+ .19	31	30	0	WSW	1	0	*	42	29	0.02	
Oxford ...	29.41	37	N	2	0	29.49	+ .24	34	32	+ 2	SW	1	0	*	42	27	0.04	
Cambridge ...	29.28	37	N	7	0	29.44	+ .27	34	33	- 2	N	3	0	4	38	32	0.07	
Yarmouth ...	29.32	37	NW	3	0	29.32	+ .32	39	37	+ 4	NW	3	0	*	*	*	0.35	
The Helder ...	29.25	36	N	8	0	29.49	+ .41	36	36	+ 2	NNW	4	0	4	39	34	0.06	
Cape Gris Nez ...	29.63	48	N	5	0	29.72	+ .19	?	37	?	NNW	3	0	3	45	32	0.08	
Jersey ...	29.62	37	N	6	7	29.78	+ .26	41	37	+ 2	NW	2	0	3	43	30	0.12	
Brest ...	29.50	46	NW	6	0	29.72	+ .38	39	37	0	N	4	0	3	30	32	0.04	
L'Orient ...	29.66	50	NW	5	7	29.85	?	43	39	?	N	4	7	5	?	34	0.39	
Biarritz ...	29.66	50	NW	5	7	29.85	?	43	39	?	N	4	7	5	?	34	0.39	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Charleville ...	*	*	*	*	*	29.44	+ .50	33	30	- 9	NNW	3	5	*	*	*	*	
Paris ...	29.30	37	NNW	5	7	29.60	+ .38	39	35	- 2	NNW	3	0	*	*	*	0.04	
Lyons ...	*	*	*	*	*	29.71	+ .49	43	38	- 5	NW	2	0	*	*	*	*	
Toulon ...	29.38	43	NNW	7	0	29.53	+ .27	36	32	- 9	N	6	0	6	46	41	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.25	37	30	NNW	6	0	2	Valencia	29.82	46	41	NNW	4	0	5
Thurso	29.58	35	35	N	5	peg	5	Scilly							
Scarborough ...	29.40	41	37	N	6	c	5	London	29.32	36	35	NNW	4	0	*
Greenecastle ...	29.63	38	36	N	3	5	*	Rochefort ...	29.43	46	41	NNW	7	c	4
Holyhead	29.56	42	38	NNW	6	0	5								

The wind still blows strongly from N on the English coast, and has attained the force of a gale in some of the squalls at Yarmouth. The barometer is inclined to fall slowly in the north, and to rise in the south.

EXPLANATION OF COLUMNS.

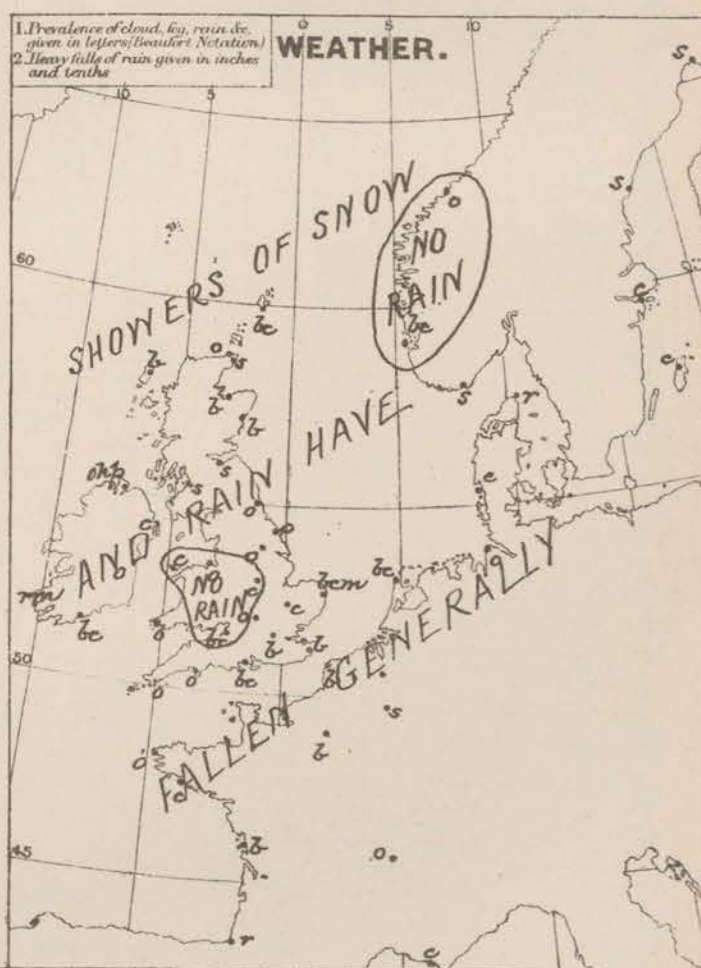
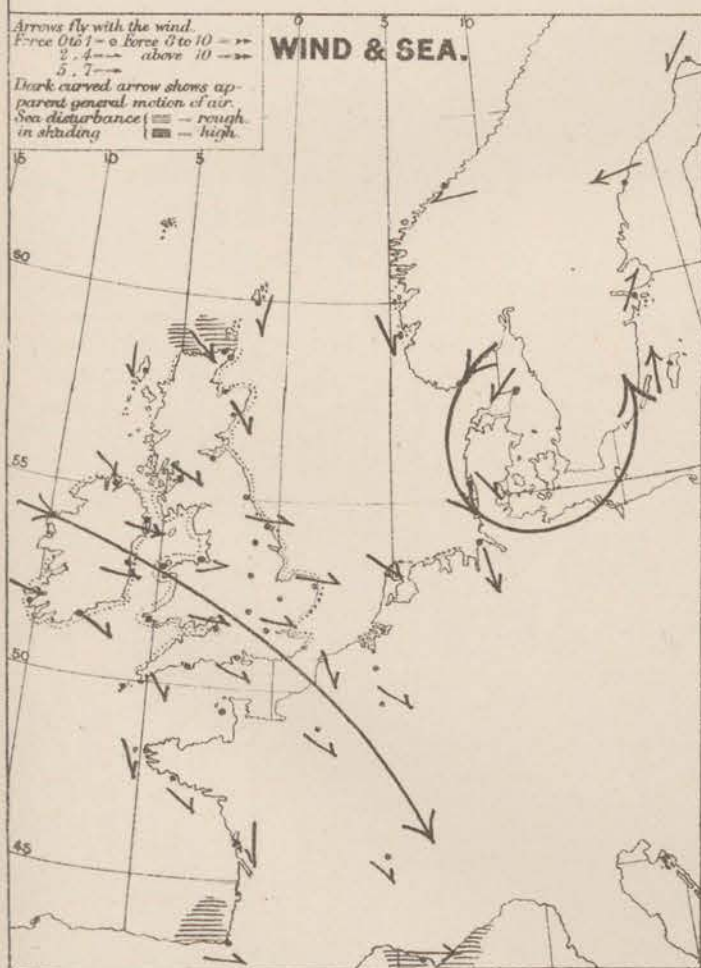
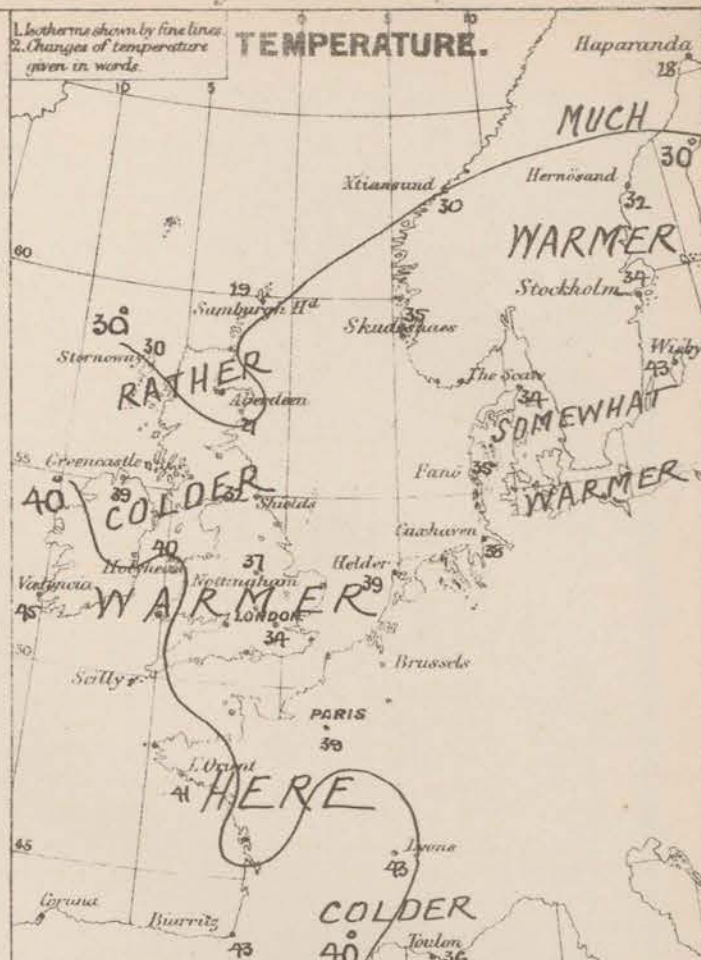
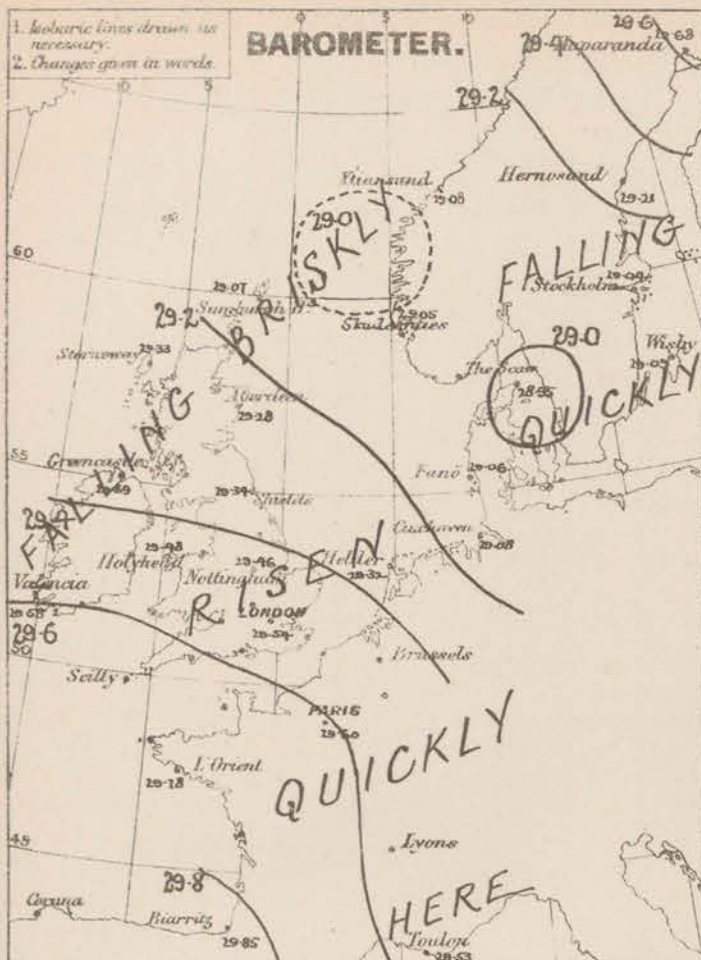
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Sunday 31 March 1878.



REMARKS. Weather is in a very unsettled condition. The sky is clear in some districts, overcast in others, and showers of snow and hail prevail at several of the Scotch stations, as well as in Sweden, rain at Valencia. Rainy and the snow. Showers of rain or snow have fallen in nearly all parts of N. Europe, during the past 24 hours. Temperature has fallen in Scotland and is as low as 27° at Aberdeen and Aberdeen. On our S and W. coasts, however, it has risen, and Valencia is now 18° warmer than Rome. Wind is strong from NW, as continues, moderate from the same quarter over the North Sea, and in France, but has backed to W in England and Ireland, and even to SW in some places. Sea is moderate in the S. slight elsewhere.

Barometrical Indications. The centre of a well formed depression is lying over Denmark, as second one has advanced to the W. of Norway during the night, while a third appears to be approaching the NW. of Ireland from the NW. The barometer is consequently falling in most places, but especially in the W. and N.

The N. Sea has been limited on all except our S. coasts this morning.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR MARCH 1878

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	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.	
				Direc.	Force (0 to 12).		Reading at 320 F. and Sea Level.	Difference from yesterday.	Dry.	Wet.	Difference from yesterday.	Direc.	Force (0 to 12).			Max.	Min.		
1 st	Scilly	29.98	53	SW	6	o	29.83	-1.3	54	53	+1	SW	7	N	6	54	53	0.11	
	Jersey	30.10	52	SW	5	o	30.01	-0.6	52	51	+2	SW	6	C	17	53	50	0.15	
	Corunna	*	*	*	*	*	30.40	-0.05	56	*	+1	?	9	N	6	*	*	*	
	Scilly 2pm	-	-	-	-	-	29.76	-	54	54	-	SW	9	N	6	-	-	-	
2 nd	Scilly	29.75	53	SW	9	h	30.01	+1.8	50	49	-4	WNW	5	bc	6	54	50	0.09	
	Jersey	29.92	52	WSW	6	o	29.98	-0.3	50	49	-2	W	5	om	4	54	48	0.11	
	Corunna	*	*	*	*	*	30.22	-1.8	56	*	0	SW	3	ofn	1	*	*	*	
	Scilly 2pm	-	-	-	-	-	30.17	-	52	50	0	WNW	5	cw	5	-	-	-	
3 rd	Scilly	30.25	50	WNW	5	bc	30.42	+4.1	50	50	0	SW	5	cw	5	52	47	0.02	
	Jersey	30.24	48	WNW	3	o	30.48	+5.0	49	47	-1	SW	5	b	5	52	44	*	
	Corunna	*	*	*	*	*	30.52	+1.0	49	48	-1	S	6	o	5	56	49	0.01	
4 th	Scilly	30.48	51	SW	5	o	30.52	+1.6	42	42	-7	E	1	f	1	53	36	0.01	
	Jersey	30.58	45	W	2	ff	30.64	+1.1	51	*	-1	NE	3	b	1	*	*	*	
	Corunna	*	*	*	*	*	30.52	+1.1	51	*	-1	NE	3	b	1	*	*	*	
	Scilly 2pm	-	-	-	-	-	30.49	-	51	49	-	SW	6	o	6	-	-	-	
5 th	Scilly	30.47	51	SW	7	o	30.58	-0.3	51	47	+2	WNW	5	c	6	52	47	-	
	Jersey	30.56	48	Z	0	b	30.65	+0.1	46	43	+4	N	5	c	4	53	42	-	
	Corunna	*	*	*	*	*	30.63	+1.6	54	*	+3	NE	6	c	1	*	*	*	
	Scilly 2pm	-	-	-	-	-	30.68	-	52	48	-	WNW	6	c	7	*	*	0.02	
6 th	Scilly	30.60	50	WSW	7	h	30.46	-1.2	52	50	+1	WNW	7	om	5	52	49	0.03	
	Jersey	30.67	47	W	4	bc	30.46	-1.9	49	48	+3	W	7	om	5	50	46	0.03	
	Corunna	*	*	*	*	*	30.79	+1.1	52	*	-2	NE	4	c	7	*	*	*	
	Scilly 2pm	-	-	-	-	-	30.35	-	52	51	-	WNW	8	o	6	-	-	-	
7 th	Scilly	30.29	52	WN	9	o	30.35	-1.1	51	50	-1	WNW	8	o	6	52	50	-	
	Jersey	30.42	50	W	8	o	30.31	-1.5	50	48	+1	WNW	4	om	5	52	47	0.01	
	Corunna	*	*	*	*	*	30.62	-1.7	53	*	+1	NE	6	c	7	*	*	*	
	Scilly 2pm	-	-	-	-	-	30.35	-	53	51	-	WNW	8	bc	6	-	-	-	
8 th	Haparanda	28.91	15	N	2	b	28.95	+1.4	16	15	-6	N	2	bc	*	25	5	-	
	Humbold	28.97	28	NW	2	b	28.96	+0.5	20	19	-8	NW	2	b	*	*	*	-	
	Stockholm	28.99	20	WNW	4	bc	28.87	+0.8	22	21	-7	WNW	2	b	*	*	*	-	
	Wibby	28.98	35	NW	8	bc	28.85	+1.6	30	29	-4	ENE	4	b	*	*	*	-	
	Scilly	30.31	51	WNW	8	b	30.27	-0.8	51	50	0	WN	8	c	6	53	50	-	
	Jersey	30.21	49	W	6	b	30.20	-1.1	50	49	0	WNW	6	bc	6	53	43	-	
	Corunna	*	*	*	*	*	30.47	-1.5	52	*	-1	NE	9	c	7	*	*	*	
	Scilly 2pm	-	-	-	-	-	30.32	-	52	49	-	NNW	6	c	5	-	-	-	
9 th	Scilly	30.32	50	W	4	o	30.24	-0.3	50	49	-1	WNW	5	o	5	52	49	-	
	Jersey	30.25	48	WNW	4	c	30.27	+0.7	48	46	-2	W	1	c	1	52	43	-	
	Corunna	*	*	*	*	*	30.25	-2.2	48	*	-4	SW	2	c	1	*	*	*	
	Scilly 2pm	-	-	-	-	-	30.18	-	53	51	-	W	4	o	4	-	-	-	
10 th	Scilly	30.14	50	WSW	4	o	30.15	-0.9	49	46	-1	NNW	6	c	5	54	47	0.07	
	Jersey	30.20	48	SW	1	a	30.07	-2.0	48	48	0	WSW	4	c	4	53	46	0.20	
	Corunna	*	*	*	*	*	30.44	+2.9	50	48	+1	WNW	5	c	5	51	47	0.02	
	Scilly	30.32	50	WN	5	c	30.44	+2.9	49	49	+1	WNW	3	bc	3	50	45	0.03	
	Jersey	30.25	47	NW	3	b	30.45	+3.8	51	*	-2	NE	6	b	4	*	*	*	
	Corunna	*	*	*	*	*	30.47	+1.9	51	49	-	WNW	6	c	5	-	-	-	
	Scilly 2pm	-	-	-	-	-	30.45	-	51	49	-	WNW	6	c	5	-	-	-	
12 th	Scilly	30.44	50	W	6	o	30.42	-0.2	51	51	+1	WN	6	c	5	51	48	0.02	
	Jersey	30.43	47	W	5	c	30.36	-0.9	50	50	+1	WNW	5	om	4	52	46	0.01	
	Corunna	*	*	*	*	*	30.45	-0.2	48	*	-3	SW	3	b	1	*	*	*	
	Scilly 2pm	-	-	-	-	-	30.43	-	52	52	0	WN	6	c	5	-	-	-	
13 th	Scilly	30.43	51	WN	5	o	30.41	-0.1	51	50	0	N	5	o	4	52	50	0.01	
	Jersey	30.36	49	WNW	3	o	30.35	-0.1	45	42	-5	N	4	om	4	52	45	-	
	Corunna	*	*	*	*	*	30.40	-0.5	49	*	+1	NE	3	b	1	*	*	*	
	Scilly 2pm	-	-	-	-	-	30.44	-	49	48	-	NE	5	om	4	-	-	-	
14 th	Scilly	30.44	47	NE	5	c	30.51	+1.0	44	41	-7	E	4	c	2	50	43	-	
	Jersey	30.45	42	NNE	4	bc	30.55	+2.0	40	36	-7	NE	2	bc	3	47	37	-	
	Corunna	*	*	*	*	*	30.25	-1.5	45	*	-1	NE	3	b	1	*	*	*	
	Scilly 2pm	-	-	-	-	-	30.50	-	45	41	-	ENE	5	c	3	-	-	-	
15 th	Scilly	30.46	44	ENE	4	a	30.43	-0.8	43	42	-1	E	4	c	4	47	41	-	
	Jersey	30.48	41	NE	1	b	30.42	-1.3	41	38	+1	N	2	m	2	47	37	-	
	Corunna	*	*	*	*	*	30.15	-1.0	51	*	+3	NE	3	b	1	*	*	*	
	Scilly 2pm	-	-	-	-	-	30.47	-	48	42	-	E	4	b	5	-	-	-	
16 th	Scilly	30.49	46	NE	4	h	30.61	+1.3	44	38	+1	E	5	c	4	49	42	-	
	Jersey	30.44	42	NE	4	o	30.57	+1.5	41	35	0	NE	4	b	3	46	35	-	
	Corunna	*	*	*	*	*	30.29	+1.4	46	*	-3	?	b	4	*	*	*	-	
	Scilly 2pm	-	-	-	-	-	30.64	-	45	39	-	E	5	o	4	-	-	-	
17 th	Scilly	30.65	44	ENE	4	o	30.66	+0.5	43	40	-1	E	1	o	1	46	42	-	
	Jersey	30.62	39	NE	4	o	30.65	+0.9	40	36	-1	NE	1	cm	1	42	38	-	
18 th	Scilly	30.67	46	NE	4	c	30.57	-0.9	49	49	+6	NNW	5	o	4	52	49	-	
	Jersey	30.62	41	N	1	c	30.50	-1.5	46	46	+6	NW	3	omp	3	46	39	0.03	
	Corunna	*	*	*	*	*	30.53	+0.5	44	*	-3	NE	6	b	4	*	*	*	
	Scilly 2pm	-	-	-	-	-	30.53	-	52	50	-	NNW	5	c	4	-	-	-	
19 th	Scilly	30.49	50	WN	5	o	30.44	-1.3	50	49	+1	WN							

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

DATE.	STATIONS.	+ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 35° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea, 10 to 9.	SHADE TEMP.		Amount of Rainfall.	
				Force.	Dir.		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force.			Max.	Min.		
25th	Corunna	*	*	*	*	*	30.04	-14	52	*	+1	2 P	12	c	1	*	*	*	
25th	Scilly 2pm	-	-	-	-	-	30.05	-	46	47	-	2 P	5	c	4	46	40	0.05	
25th	Scilly	29.93	45	W N W	6	b c	29.75	-	43	40	-	2 N 2 E	10	c	6	46	40	0.58	
25th	Jersey	29.87	39	W N W	4	-	29.65	-	34	37	-	2 N 2 E	10	c	1	44	34	0.10	
25th	Scilly 2pm	-	-	-	-	-	29.96	-	45	41	-	2 N 2 W	5	c	5	-	-	0.08	
25th	Scilly	29.80	43	W N W	4	c	29.91	+15	43	41	0	2	8	ch q	6	46	38	0.10	
25th	Jersey	29.65	35	W N W	5	o	29.73	+08	36	33	-	2	1	c	5	43	35	0.08	
25th	Corunna	*	*	*	*	*	30.21	+12	49	49	-	2	6	c	5	*	*	*	
25th	Scilly 2pm	-	-	-	-	-	30.04	-	45	42	-	2	7	c	6	-	-	-	
26th	Scilly	30.11	44	W	6	c	30.13	+22	45	42	+2	2 W	4	o	4	45	42	0.03	
26th	Jersey	29.99	40	W N W	4	*	30.17	+44	42	39	+6	2	2	c	3	43	36	0.03	
26th	Corunna	*	*	*	*	*	30.33	+12	42	39	-	2 E	2	c	5	*	*	*	
26th	Scilly 2pm	-	-	-	-	-	30.20	-	47	45	-	2 W	4	o	4	-	-	-	
26th	St. Kildonan	29.58	30	W W	5	W	29.53	-08	26	25	-	2	4	b	2	50	?	0.03	
26th	Scilly	30.16	45	W N W	3	o	29.96	-17	46	43	+1	W	4	c	3	48	41	0.05	
26th	Jersey	30.17	44	W	2	b c	29.98	-19	44	42	+2	W S W	3	c	3	47	40	0.05	
26th	Corunna	*	*	*	*	*	29.90	-43	51	49	+9	W	3	c	1	48	41	0.05	
26th	Scilly 2pm	-	-	-	-	-	29.87	-	49	46	-	W S W	2	c	3	47	40	0.05	
26th	Scilly	29.81	46	W	0	o	29.49	-47	46	44	0	W 2 E	4	o	4	51	43	0.05	
26th	Jersey	29.84	45	W	0	o	29.53	-25	40	39	-4	W 2 E	3	o	3	48	39	0.05	
26th	Scilly 2pm	-	-	-	-	-	29.34	-	44	43	-	W 2 E	5	o	5	-	-	-	
26th	Scilly	29.25	43	W 2 E	6	o	29.09	-40	37	37	-9	W 2 E	10	W	4	46	37	0.13	
26th	Plymouth	29.23	43	W 2 E	1	o	29.03	-46	34	33	-7	W 2 E	8	o	4	48	33	0.10	
26th	Helder	*	*	*	*	*	29.28	-39	34	36	-1	W 2 E	5	W	4	48	33	0.04	
26th	Jersey	29.20	41	W 2 E	2	o	28.94	-18	46	46	+6	W S E	2	o	2	47	29	0.31	
26th	Corunna	*	*	*	*	*	29.33	-22	47	44	-6	W	6	o	5	47	41	0.31	
26th	Scilly 2pm	-	-	-	-	-	29.26	-	40	37	-	W 2 E	11	o	8	-	-	-	
26th	Scilly	29.39	43	W 2 E	10	o	29.62	+53	42	38	+5	W 2 E	6	o	4	43	36	0.37	
26th	Jersey	29.12	40	W 2 E	8	o	29.40	+43	38	34	-8	W 2 E	6	o	6	52	36	0.07	
26th	Corunna	*	*	*	*	*	29.66	+33	44	38	-3	W 2 E	6	o	4	44	37	0.07	
26th	Scilly 2pm	-	-	-	-	-	29.64	-	39	38	-	W 2 E	9	o	4	44	39	0.07	
26th	Scilly	29.67	40	W 2 E	5	o	29.64	+05	43	42	+1	W 2 E	4	o	4	44	39	0.07	
26th	Jersey	29.53	35	W 2 E	5	o	29.68	+28	41	37	+3	W 2 E	3	o	3	44	35	0.01	
2. CORRECTIONS																			
1st	Nick	-	-	-	-	-	-	-	45	44	-	-	-	-	-	43	-	-	
2nd	Dover	29.94	-	-	-	-	29.86	-07	51	51	+2	-	-	-	-	-	-	-	
3rd	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4th	Androsan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5th	Sunningh Hd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6th	Thurso	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7th	Holyhead	29.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8th	Kingstown	-	-	-	-	-	30.81	-04	-	-	-	-	-	-	-	-	-	-	
9th	Seabrough 2pm	-	-	-	-	-	30.37	-	-	-	-	-	-	-	-	-	-	-	
10th	Thurso	-	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11th	Valentia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12th	Holyhead 2pm	-	-	-	-	-	29.89	-	-	-	-	-	-	-	-	-	-	-	
13th	Kingstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14th	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15th	Thurso	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
16th	Valentia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17th	Plymouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
18th	Dover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
19th	Thurso	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20th	Donaghadee	30.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22th	Hunt Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23th	Cape Gris Neg	30.06	-	-	-	-	-	-	42	40	-	-	-	-	-	-	-	-	
24th	Thurso	29.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25th	Slieve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
26th	Cambridge	30.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
27th	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
28th	Nick	29.66	-	-	-	-	-	-	38	37	-4	-	-	-	-	-	-	-	
29th	Hunt Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
30th	Rock Point	-	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31th	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32th	Hunt Castle	-	-	-	-	-	-	-	41	40	-10	-	-	-	-	-	-	-	
33th	Stornoway	-	-	-	-	-	-	-	43	-	+13	-	-	-	-	-	-	-	
34th	Naim	-	-	-	-	-	-	-	-	-	+5	-	-	-	-	-	-	-	
35th	Naim	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
36th	York	29.48	-	-	-	-	-	-	37	36	-	-	-	-	-	-	-	-	
37th	Plymouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38th	Hunt Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
39th	Sunningh Hd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
40th	Nick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
41th	Plymouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
42th	Nick	30.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
43th	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
44th	Donaghadee	-	-	-	-	-	-	-	46	42	+2	-	-	-	-	-	-	-	
45th	Rock Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
46th	Nick	29.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
47th	Nottingham	29.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
48th	Crannac	29.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
49th	Slieve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50th	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
51th	Hunt Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
52th	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
53th	Slieve	29.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
54th	Hunt Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
55th	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
56th	Nottingham	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
57th	Crannac	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
58th	Slieve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
59th	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
60th	Hunt Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
61th	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
62th	Nottingham	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
63th	Crannac	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
64th	Slieve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
65th	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
66th	Hunt Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
67th	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
68th	Nottingham	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
69th	Crannac	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
70th	Slieve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
71th	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
72th	Hunt Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
73th	Cambridge	-	-	-	-	-	-	-	-	-</									