

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY—30TH JUNE,

1877.

DAILY WEATHER REPORT MARCH 1st 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.39	13	N	4	b	29.65	+ .42	15	15	+ 2	N	4	b	*	*	*	0.12	
Hernösand ...	29.62	13	NW	2	b	29.76	+ .35	1	1	- 10	NE	2	b	*	*	*	-	
Stockholm ...	29.63	12	NW	2	b	29.78	+ .38	5	5	- 8	Z	0	b	*	*	*	-	
Wisby ...	29.70	20	NNE	6	b	29.84	+ .39	16	16	+ 1	NN	6	b	*	*	*	-	
Christiansund ...	29.84	27	WNW	8	c	29.91	+ .20	30	27	+ 9	WNW	8	c	6	?	19	-	
Skudesnaes ...	29.98	21	NNE	2	b	30.13	+ .36	24	23	+ 1	NNE	1	o	2	27	21	-	
Oxö (Ålön) ...	29.91	23	N	4	b	30.08	+ .37	19	16	+ 1	WNW	4	c	2	28	16	-	
Skageti (The Sea)	29.83	28	NE	6	o	30.02	+ .39	27	25	+ 4	NNW	2	b	3	30	23	-	
Fanö ...	29.92	26	N	6	b	30.15	+ .44	21	19	+ 2	N	4	b	*	32	19	-	
Cuxhaven ...	29.92	42	NNN	4	b	30.02	+ .43	27	26	- 3	NNE	7	b	*	*	27	-	
Sumburgh Head																		
Stornoway	30.26	30	SW	1	b	30.03	- .22	36	34	+ 11	SE	5	ov	6	36	21	-	
Thurso ...	30.22	33	NNW	2	c	30.11	- .06	24	23	- 7	SSE	2	bc	3	36	22	0.04	
Wick ...	30.24	30	N	3	c	30.12	- .08	31	30	+ 3	SSW	1	b	0	33	25	-	
Nairn ...	30.30	29	Z	0	b	30.15	- .05	21	21	- 8	Z	0	b	2	33	21	-	
Aberdeen ...	30.24	31	H	1	b	30.17	+ .05	24	23	- 5	SSW	2	b	2	34	22	-	
Leith ...	30.28	33	H	1	b	30.23	+ .03	23	23	- 7	H	1	m	*	43	22	-	
Shields ...	30.33	33	N	3	c	30.31	+ .18	25	24	- 4	WSW	1	f	5	37	23	-	
York ...	30.32	33	N	1	o	30.34	+ .23	23	23	- 4	NNW	1	b	*	37	21	-	
Scarborough ...	30.27	33	N	4	o	30.32	+ .25	26	?	- 4	SW	2	b	3	36	26	-	
Nottingham ...	30.36	30	NNW	2	b	30.39	+ .16	22	19	- 5	Z	0	b	*	36	18	-	
Ardrossan ...	30.33	36	SW	2	b	30.25	- .01	31	?	+ 3	ESE	2	bc	2	39	? 25	-	
Greencastle ...	30.36	36	SSE	1	b	30.16	- .10	39	35	+ 6	SSE	2	o	*	41	32	0.02	
Donaghadee ...	30.35	35	NNE	3	b	30.25	- .02	32	32	- 3	S	3	b	2	38	27	-	
Kingstown ...	30.37	36	SSE	1	b	30.28	- .05	38	36	+ 7	SSE	4	bc	3	38	31	-	
Holyhead ...	30.34	36	NNE	2	b	30.30	+ .05	36	35	- 1	S	3	b	2	39	31	-	
Liverpool (Bidston)	30.35	32	NW	1	b	30.34	+ .11	29	28	- 3	SSE	2	b	1	36	26	-	
Valencia ...	30.24	43	SE	6	b	30.23	- .15	30	30	+ 15	SSE	6	ovd	5	30	33	0.15	
Roche's Point...	30.35	39	SSE	4	b	30.21	- .13	48	47	+ 16	S	6	o	4	48	32	-	
Pembroke ...	30.37	38	Z	0	b	30.33	+ .04	41	38	+ 5	S	4	bc	3	41	33	-	
Portishead ...	30.32	33	NNW	3	b	30.39	+ .16	28	27	- 4	Z	0	b	1	44	24	-	
Scilly ...																		
Plymouth ...	30.37	39	NNE	2	b	30.40	+ .13	30	30	- 5	ENE	2	b	*	44	27	-	
Hurst Castle ...	30.32	36	N	1	b	30.41	+ .19	30	30	- 3	Z	0	b	0	39	25	-	
Dover ...	30.27	35	NNE	3	b	30.36	+ .29	30	29	+ 3	NW	2	bc	1	37	26	0.02	
London ...	30.32	37	N	2	b	30.40	+ .24	24	21	- 5	SSW	1	b	*	39	22	-	
Oxford ...	*	*	*	*	*	30.40	+ .19	24	24	- 4	NN	1	b	*	37	23	-	
Cambridge ...	30.32	30	NNW	1	b	30.39	+ .25	26	25	- 1	NW	1	b	*	41	24	-	
Yarmouth ...	30.21	34	NNW	3	c	30.31	+ .35	31	30	+ 2	NW	3	b	5	38	28	0.04	
The Helder ...	*	*	*	*	*	30.17	+ .45	36	33	0	N	4	bc	*	*	*	0.12	
Cape Gris Nez	30.23	36	N	4	b	30.33	+ .21	34	30	+ 6	NNW	2	c	2	39	28	-	
Brest ...	30.41	34	NNW	2	b	30.41	+ .11	41	39	+ 4	SE	2	o	3	?	36	-	
L'Orient ...	30.38	43	NNW	3	b	30.47		36	34		E	3	b	3	48	32	-	
Rochefort ...	30.31	46	NN	3	bc	30.43	+ .17	36	34	- 1	?	3	b	3	38	32	-	
Biarritz ...	30.32	55	NNW	3	b	30.47		39	34		SE	3	b	2	?	32	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.25	+ .30	33	*	+ 3	NW	3	o	*	*	*	0.28	
Charleville ...	*	*	*	*	*	30.21	+ .23	31	*	+ 4	NNW	3	os	*	*	*	*	
Paris ...	30.25	36	NW	3	b	30.39	+ .22	32	*	+ 2	NNW	3	b	*	*	*	-	
Lyons ...	*	*	*	*	*	?	?	39	*	?	NE	6	?	*	*	*	*	
Toulon ...	30.38	34	NW	7	b	30.21	+ .26	32	30	- 4	NW	5	b	6	31	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...	29.92	17	34	NNW	5	3	Valencia	30.29	45	40	SE	5	bv	5
Thurso	30.22	35	33	NW	3	4	Scilly							
Scarborough ...	30.23	36	?	SE	5	5	London	30.25	38	33	NN	4	b	*
Greencastle ...	30.31	39	35	S	2	0	Rochefort ...	30.28	45	41	NNW	3	b	3
Holyhead	30.33	38	34	NNE	3	3								

The barometer still rises everywhere. The wind has shifted to S. in the N. of Ireland and temperature rises.

EXPLANATION OF COLUMNS.

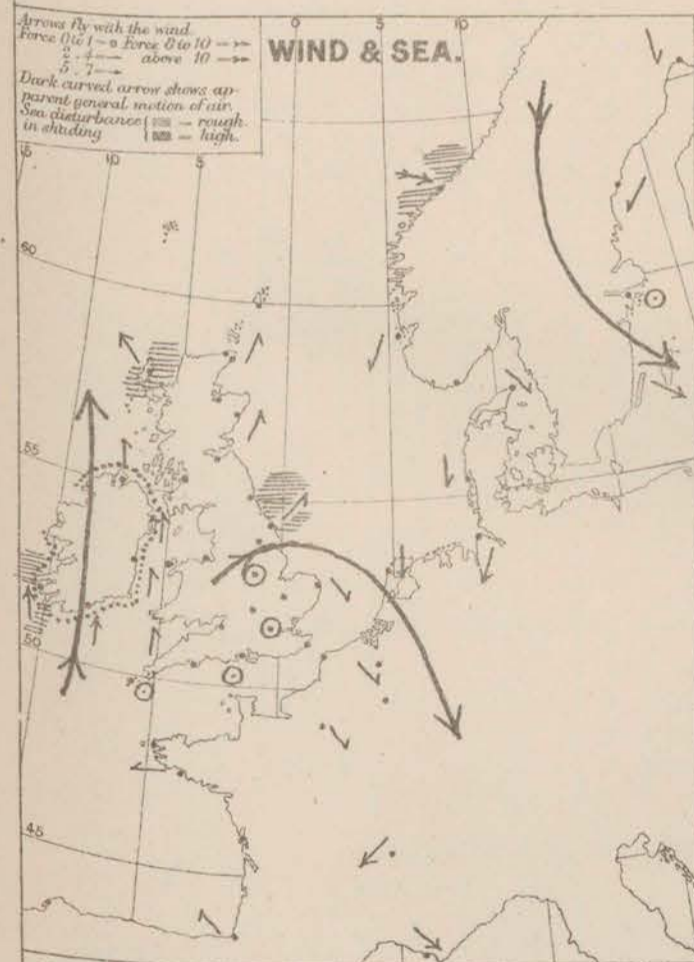
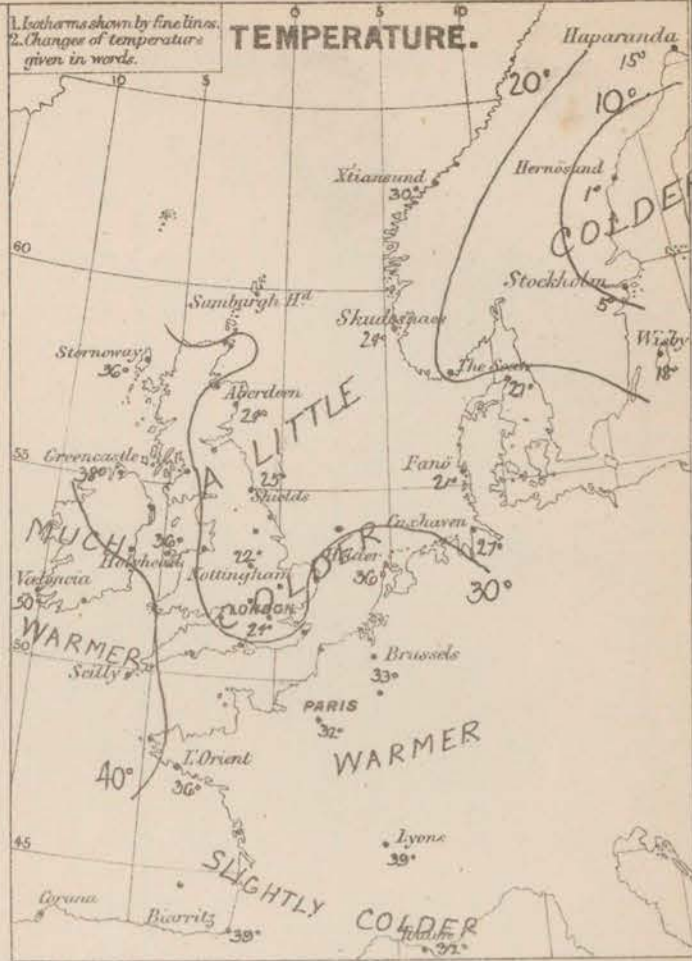
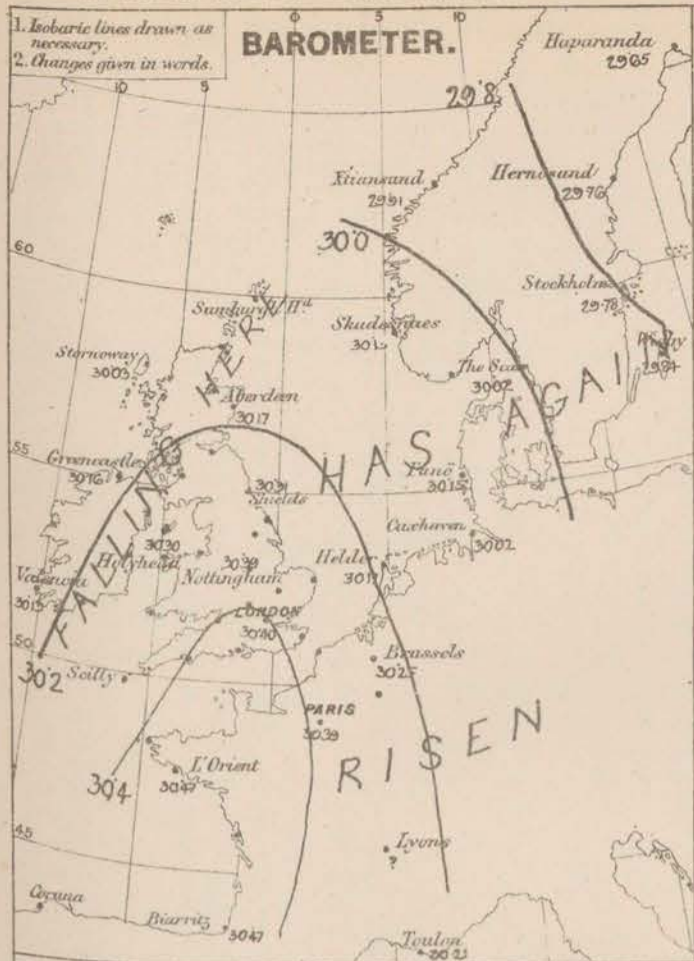
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 1ST MARCH 1877.



Note: A dotted line is drawn around those coasts which were warned last evening.

REMARKS. The anti-cyclone which lay over our south western stations yesterday morning has since moved E., and is now found over the west of France and the south of England. The barometer still rises over France, the greater part of England and on the eastern shores of the North Sea but in the west and north it is falling rather briskly. At the same time Sth breezes have sprung up at all the more western and northern stations, though Nth to NWth winds continue in the east. They are moderate generally, but blow freshly in the south of Ireland. Temperature has risen very fast at Valencia and Roche's Point, and to a less extent in the south west of England and over France, but elsewhere as further fall has occurred. Valencia is 26° warmer than Central England. In London the thermometer fell to 22° in the shade and 15° on the grass last night. The sky is overcast in the west, clear or nearly so in most other places. The sea is rough except in the south.

Warnings were issued to the Irish coasts last evening.

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advance to cover delivery. Delivery by hand
10 per quarter, book post 5 per quarter.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT

MARCH 2ND 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparandå ...	30.01	10	N	2	b	30.02	+ 37	- 4	- 4	- 19	SE	2	f	*	*	*	-		
Hernösand ...	30.12	3	Z	0	b	30.13	+ 37	- 5	- 5	- 6	SE	2	f	*	*	*	-		
Stockholm ...	30.06	11	N	2	bc	30.25	+ 47	13	13	+ 8	NSW	2	s	*	*	*	-		
Wisby ...	30.01	21	NNE	6	o	30.26	+ 42	14	14	- 4	E	4	f	*	*	*	-		
Christiansund ...																			
Skudesnaes ...	30.15	30	ENE	4	s	30.44	- 09	34	34	+ 10	SSE	6	s	4	?	?	-		
Oxö (Xtiansund)	30.18	27	NNW	2	b	30.18	+ 10	26	24	+ 7	E	2	s	2	32	?	-		
Skagen (The Seaw)	30.18	30	Z	0	b	30.24	+ 22	27	25	0	NSW	3	o	2	32	21	-		
Fanö ...	30.30	29	N	2	o	30.29	+ 14	30	29	+ 9	S	4	c	*	32	21	0.16		
Cuxhaven ...	30.30	40	NNW	2	b	30.34	+ 32	30	29	+ 3	NSW	2	o	*	*	25	-		
Sumburgh Head																			
Stormoway	29.87	42	SW	6	o	29.82	- 21	43	42	+ 7	NNW	2	b	4	47	36	0.08		
Thurso ...	29.91	37	S	1	r	29.75	- 36	45	44	+ 21	NSW	5	b	4	45	24	0.15		
Wick ...	29.91	39	SW	3	o	29.79	- 33	45	44	+ 14	SW	4	b	0	46	30	0.03		
Nairn ...	29.96	41	SW	1	o	29.84	- 31	45	42	+ 24	SW	1	f	1	47	21	0.02		
Aberdeen ...	30.01	37	SSW	2	r	29.85	- 32	40	39	+ 16	Z	0	b	1	41	24	0.07		
Leith ...	30.09	40	NSW	1	o	29.93	- 30	49	48	+ 26	NSW	3	c	*	32	22	-		
Shields ...	30.19	39	SW	4	o	30.02	- 29	45	43	+ 20	NSW	3	f	3	45	25	0.07		
York ...	30.29	36	SSW	1	o	30.12	- 24	37	37	+ 44	S	2	o	*	42	22	0.06		
Scarborough ...	30.24	36	SW	2	o	30.07	- 25	39	39	+ 13	SW	2	rf	3	39	26	0.04		
Nottingham ...	30.30	37	SSW	1	o	30.18	- 21	42	42	+ 20	SSW	3	o	*	44	22	0.06		
Ardrossan ...	30.09	45	S	4	f	29.98	- 27	47	46	+ 16	SSW	2	rm	3	48	31	0.17		
Greencastle ...	29.92	45	SSW	2	o	29.97	- 19	47	47	+ 9	NNW	2	c	*	49	32	0.05		
Donaghadee ...	30.10	43	S	3	o	30.02	- 23	48	48	+ 16	S	3	o	2	48	32	0.02		
Kingstown ...	30.12	44	SSE	1	o	30.07	- 21	49	50	+ 14	SSW	3	c	2	52	36	0.01		
Holyhead ...	30.17	44	SSW	4	m	30.10	- 20	48	48	+ 12	SSW	3	f	2	49	36	0.12		
Liverpool (Bidston)	30.21	40	SE	2	o	30.11	- 23	49	48	+ 20	SW	2	o	1	49	29	0.03		
Valencia ...	30.08	53	S	7	o	30.05	- 08	51	50	+ 1	SSW	2	ry	2	54	49	0.12		
Roche's Point...	30.15	49	SW	4	r	30.12	- 09	50	50	+ 2	SW	5	o	4	51	48	0.26		
Pembroke ...	30.22	49	SW	4	o	30.17	- 16	49	48	+ 8	SW	5	off	4	50	40	0.10		
Portishead ...	30.29	44	N	3	o	30.21	- 18	49	49	+ 21	SW	4	o	2	49	27	0.04		
Seilly ...																			
Plymouth ...	30.31	47	SW	2	o	30.26	- 14	49	49	+ 19	SW	1	md	*	50	30	0.14		
Hurst Castle ...	30.22	44	S	2	r	30.25	- 16	48	48	+ 18	SW	3	r	2	48	28	0.12		
Dover ...	30.34	35	NSW	2	b	30.29	- 07	40	39	+ 10	SSW	4	rm	4	47	29	0.06		
London ...	30.35	38	S	1	bm	30.29	- 11	43	43	+ 19	S	2	o	*	43	24	0.17		
Oxford ...	*	*	*	*	*	30.20	- 20	43	43	+ 19	Z	0	f	*	43	26	0.04		
Cambridge ...	30.32	32	NNW	1	bc	30.22	- 17	38	38	+ 12	S	1	o	*	43	25	0.21		
Yarmouth ...	30.33	33	Z	0	o	30.23	- 08	38	38	+ 7	SSW	3	cd	3	38	30	0.12		
The Helder... ..	*	*	*	*	*	30.32	+ 15	32	30	- 4	S	2	c	*	*	*	-		
Cape Gris Nez	30.40	36	Z	0	m	30.32	- 01	34	32	0	S	2	r	1	41	34	0.04		
Brest ...	30.38	30	NSW	3	o	30.32	- 09	50	46	+ 9	SW	3	o	4	50	39	-		
L'Orient ...																			
Rochefort ...	30.41	46	NNE	3	b	30.41	- 02	41	39	+ 5	SSE	3	f	3	50	32	-		
Biarritz ...	30.44	55	N	3	b	30.36	- 11	34	32	+ 5	ESE	3	bc	2	?	30	-		
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	30.41	+ 16	31	*	- 2	S	3	o	*	*	*	0.09		
Charleville ...	*	*	*	*	*	30.41	+ 20	26	*	- 5	SSE	3	o	*	*	*	*		
Paris ...	30.39	39	NNW	3	o	30.40	+ 01	34	*	+ 2	SSE	2	m	*	*	*	-		
Lyons ...	*	*	*	*	*	?	?	34	*	- 5	NE	2	b	*	*	*	*		
Toulon ...	30.15	36	NNW	6	b	?	?	39	36	+ 7	SSW	1	bc	7	43	32	-		

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

	Bar.	Dry.	Wet.	Wind.	Waa.	Sea.		Bar.	Dry.	Wet.	Wind.	Waa.	Sea.	
Skudesnaes ...	30.16	27	27	E	4	S	2	Valencia	30.09	52	51	S	6	5
Thurso	29.99	35	34	S	3	r	2	Seilly						
Scarborough ...	30.28	38	36	SW	2	b	3	London	30.38	39	34	N	1	bc *
Greencastle ...	30.07	42	41	S	2	o	*	Rochefort ...	30.44	45	39	SW	3	b 3
Holyhead	30.23	?	42	SW	2	m	3							

Since the morning the fall of the barometer noticed in the West, has extended to all parts of these Islands, and S.W. to S.W. winds are reported except in the SE.

EXPLANATION OF COLUMNS.

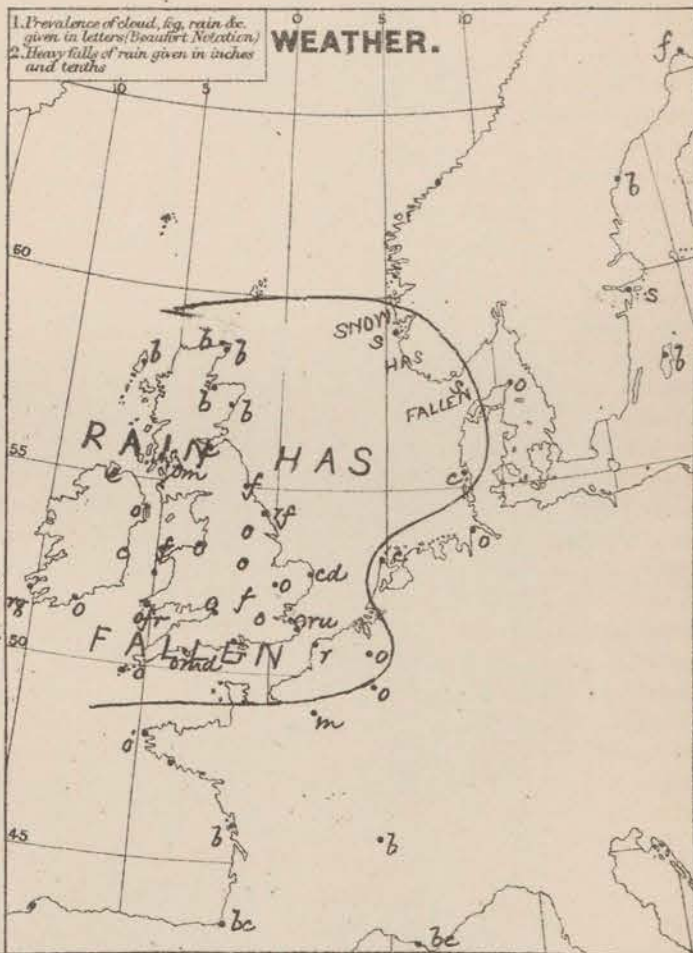
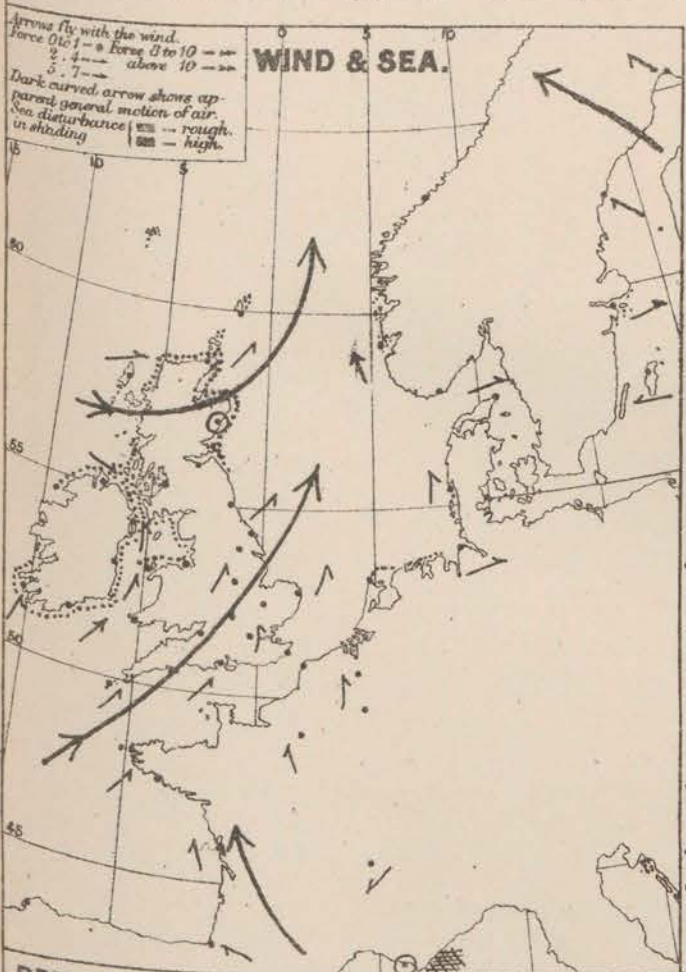
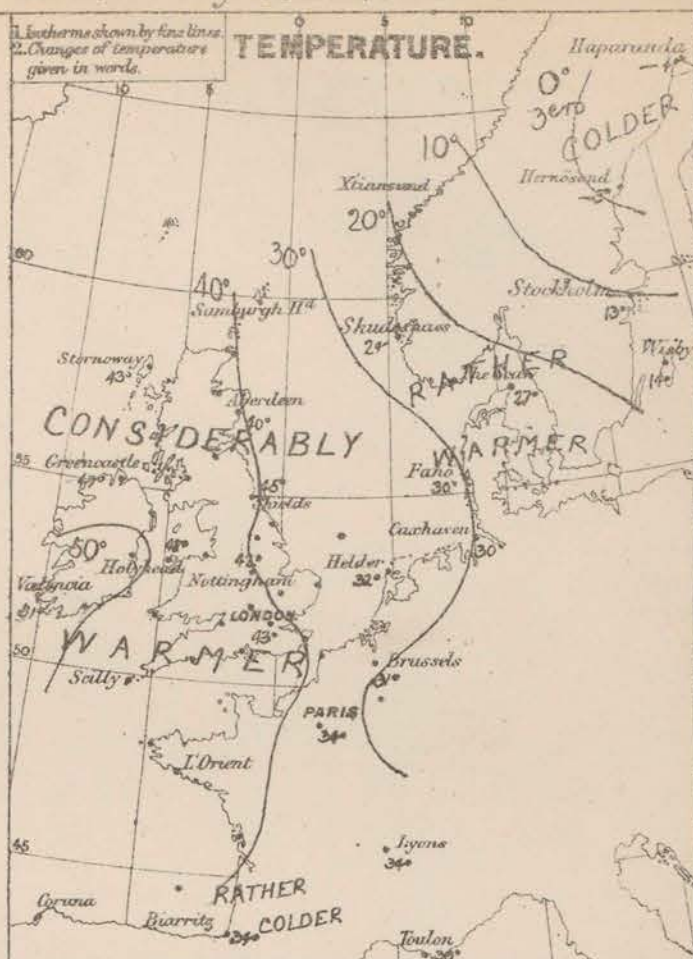
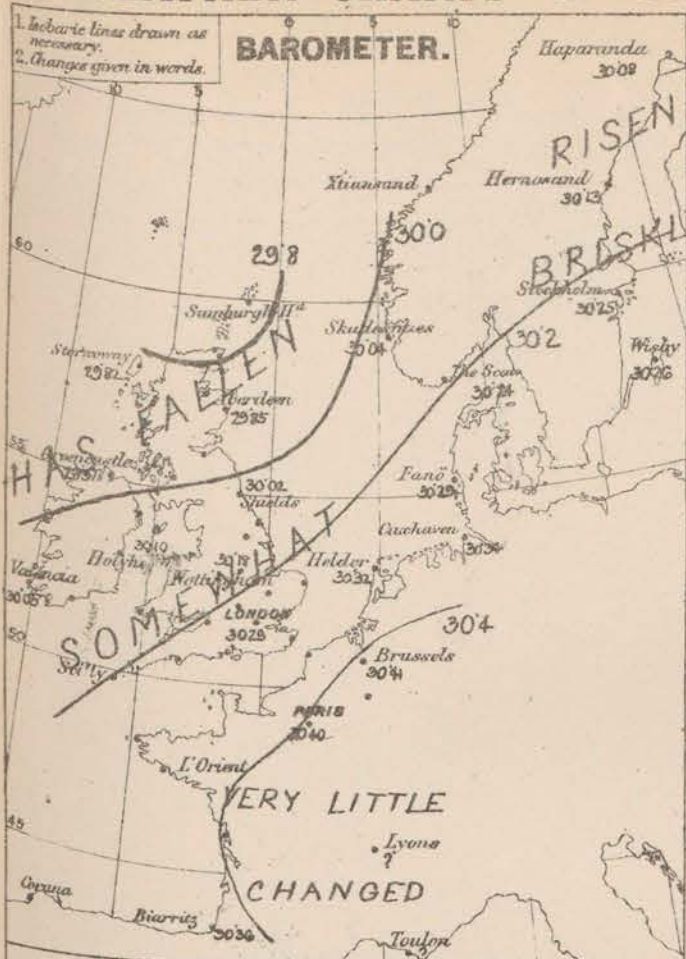
WEATHER.—Beaufort Scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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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 2ND MARCH 1877.



Note: A dotted line is drawn round these coasts on which the warning signals are now hoisted.

REMARKS. The decrease of pressure which had commenced at our western stations yesterday morning has since extended to all parts of these Islands and the west of France but in the east of that country, in Germany and Sweden the mercury still rises. The highest pressures now lie over Central France, while a slight depression is shown off the north coast of Scotland. In consequence gradients for SW to W winds exist, and moderate breezes from those quarters are reported except in France, where the wind is SE to E. Owing to this E breeze temperature has fallen somewhat at Biarritz and Lyons; while, owing to the warm S wind over our stations a very considerable rise has occurred, the change amounting to 20° in many places, and as much as 26° at Leith. Our south west coasts are now 15° to 17° warmer than the south of France. Rain has been general over these Islands and continues this morning in the south. The sky is overcast except in the north of Scotland, and snow is falling in the south of Norway. The sea is moderate to smooth. Warnings were extended to our north and north west coasts last evening.

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Meteorological Office,
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R. H. SCOTT.
Director.

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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 ...	29.90	17	S	6	†	29.65	-.27	21	21	+ 25	S	4	o	*	*	*	-	
Hernösand ...	29.80	23	S	6	o	29.75	-.05	29	28	+ 34	SSW	2	c	*	*	*	0.39	
Stockholm ...	30.12	23	SSW	4	bc	29.93	-.19	27	27	+ 14	SSW	6	s	*	*	*	0.04	
Wibsy ...	30.31	21	S	4	bc	30.18	-.13	28	28	+ 14	SSW	8	s	*	*	*	0.08	
Christiansund ...	29.59	42	SSW	6	†	29.71	-.12	42	37	+ 5	SSW	6	f	5	7	36	-	
Skudesnes ...	29.93	37	SSW	4	†	29.91	-.02	35	35	+ 1	E	2	f	4	37	34	-	
Oxelö (Åland) ...	30.01	36	SSW	4	†	29.96	-.05	32	32	+ 6	N	4	f	3	34	32	-	
Skagen (The Sea) ...	30.02	32	SSW	6	bc	29.99	-.03	33	32	+ 6	SSW	5	f	4	?	27	-	
Faro ...	30.04	35	S	6	bc	30.11	-.07	33	33	+ 3	SSW	4	o	*	36	28	0.12	
Göteborg ...	30.03	34	SSW	6	bc	30.17	-.14	30	29	+ 1	SSW	2	o	*	2	28	-	
Bombay Head ...																		
Stornoway ...	29.93	21	SSW	2	bc	29.98	-.05	36	35	+ 1	N	1	bc	3	36	35	0.01	
Thurso ...	29.91	23	N	2	bc	29.96	-.05	41	40	+ 1	SSW	1	cm	2	34	33	0.01	
Wick ...	29.77	24	SSW	2	bc	29.98	-.21	42	40	+ 2	SSW	1	bc	0	32	31	-	
Nairn ...	29.94	26	S	0	bc	30.10	-.16	37	35	+ 2	S	0	bc	1	32	37	-	
Aberdeen ...	29.98	26	SSW	1	bc	29.98	0	35	33	+ 2	N	1	bc	1	34	32	-	
Leith ...	30.02	35	N	2	bc	30.01	-.01	38	38	0	N	2	cm	*	37	35	-	
Shields ...	30.04	35	SSW	4	bc	30.34	-.30	43	42	+ 1	SSW	1	f	2	32	31	0.10	
York ...	30.11	42	?	?	o	30.05	-.06	46	46	+ 0	S	1	f	*	34	36	0.24	
Scarborough ...	30.07	44	SSW	2	bc	30.02	-.05	46	46	+ 0	SSW	1	cm	2	31	32	0.04	
Nottingham ...	30.01	41	SSW	1	bc	30.11	-.10	47	47	+ 0	S	0	bc	*	34	41	0.14	
Androssen ...	30.07	47	SSW	1	bc	30.04	-.03	41	40	+ 1	SSW	1	cm	0	33	39	-	
Greencastle ...	30.02	47	SSW	2	bc	30.05	-.03	44	44	+ 0	N	1	o	*	36	40	-	
Donaghadee ...	30.08	47	S	2	bc	30.04	-.04	45	44	+ 1	SSW	2	f	1	33	44	0.04	
Kingstown ...	30.06	47	S	2	bc	29.99	-.07	49	48	+ 1	SSW	4	cm	3	33	48	0.06	
Holyhead ...	30.05	48	SSW	3	bc	30.02	-.03	48	47	+ 1	SSW	3	f	2	37	47	0.47	
Liverpool (Bidston) ...	30.03	47	SSW	1	bc	30.05	-.02	48	47	+ 1	SSW	1	bc	1	32	47	0.18	
Valencia ...	30.02	51	SSW	1	bc	30.08	-.06	46	45	+ 1	N	2	bc	3	33	43	0.07	
Roche's Point ...	30.04	51	SSW	4	bc	29.99	-.05	49	48	+ 1	N	5	bc	4	33	48	0.03	
Pembroke ...	30.05	47	SSW	4	bc	30.06	-.01	49	48	+ 1	SSW	4	f	2	37	48	0.25	
Portishead ...	30.20	50	SSW	3	bc	30.12	-.08	47	47	+ 0	SSW	2	bc	3	32	44	0.05	
Seilly ...																		
Plymouth ...	30.23	50	SSW	1	bc	30.04	-.19	49	49	+ 0	SSW	1	cm	*	32	48	0.02	
Hurst Castle ...	30.23	48	SSW	2	bc	30.16	-.07	48	48	+ 0	SSW	3	bc	2	49	48	0.08	
Dover ...	30.24	48	SSW	2	bc	30.15	-.09	48	48	+ 0	SSW	1	bc	1	46	39	0.18	
London ...	30.21	52	SSW	1	bc	30.14	-.07	47	46	+ 1	SSW	2	bc	*	34	43	0.01	
Oxford ...		*	*	*	*	30.13	-.07	46	46	+ 0	SSW	1	f	*	33	43	0.05	
Cambridge ...	30.16	4	S	1	bc	30.12	-.04	46	46	+ 0	SSW	1	o	*	35	38	0.03	
Yarmouth ...	30.17	44	SSW	3	bc	30.10	-.07	46	46	+ 0	N	1	f	2	47	37	0.14	
The Helder ...		*	*	*	*	30.08	-.10	35	35	+ 0	S	0	f	*	*	*	0.16	
Cape Gris Nez ...	30.15	?	S	3	f	30.18	-.03	46	46	+ 0	SSW	1	o	0	?	34	0.12	
Brest ...	30.19	51	S	3	bc	30.17	-.02	50	48	+ 2	S	2	o	0	33	48	-	
L'Orient ...																		
Rochefort ...	30.13	48	SE	3	bc	30.18	-.05	45	41	+ 4	E	3	bc	3	34	36	-	
Biarritz ...	30.27	52	SSW	3	bc	30.12	-.15	46	41	+ 5	SSW	2	bc	3	37	39	-	
Corunna ...		*	*	*	*										*	*	*	
Brussels ...		*	*	*	*	30.17	-.24	37	*	+ 6	SSW	3	bc	*	*	*	0.04	
Charleville ...		*	*	*	*	30.20	-.21	33	*	+ 7	SSW	1	bc	*	*	*	*	
Paris ...	30.34	39	S	3	bc	30.25	-.09	42	*	+ 8	S	4	bc	*	*	*	0.12	
Lyons ...		*	*	*	*	?	?	40	*	+ 6	E	2	bc	*	*	*	*	
Toulon ...	30.34	37	S	3	bc	30.28	-.06	37	34	+ 3	E	2	bc	3	45	37	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.90	35	35	SE	3	†	Valencia	30.04	51	51	S	4	bc	4
Thurso	29.90	37	48	SSW	3	†	Seilly							
Scarborough ...	30.06	44	42	SSW	2	bc	London	30.21	52	52	SSW	2	o	*
Greencastle ...	30.01	37	44	SSW	1	bc	Rochefort ...	29.96	52	48	SSW	3	bc	3
Holyhead	30.05	47	47	SSW	3	bc								

The barometer has changed little since the morning except at Thurso, where it has risen briskly. The wind has beaten to S at Valentia but continues light. Signals lowered in the N.

EXPLANATION OF COLUMNS.

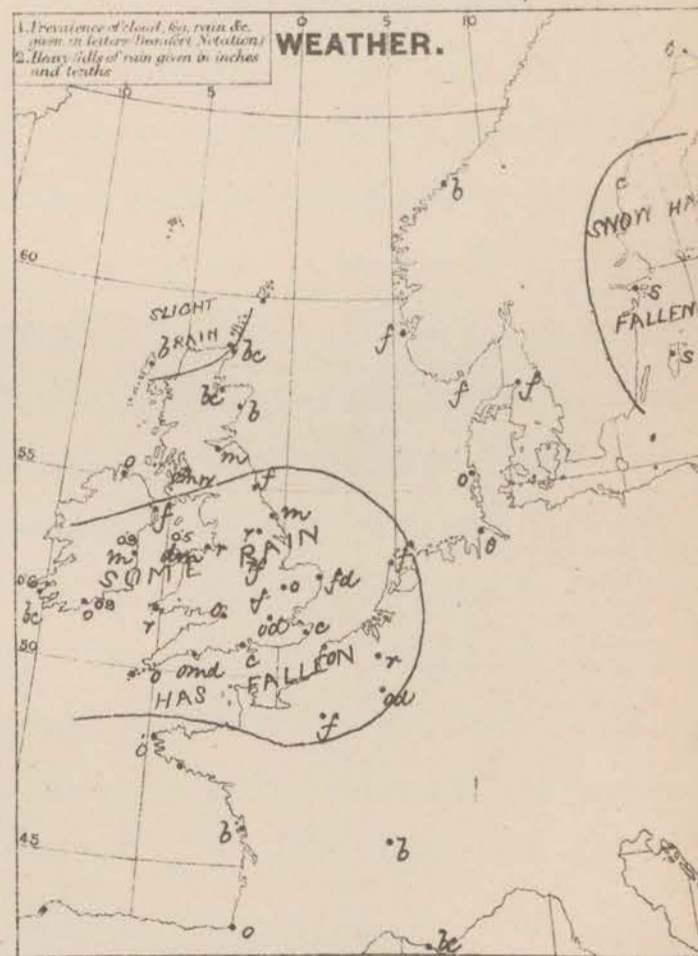
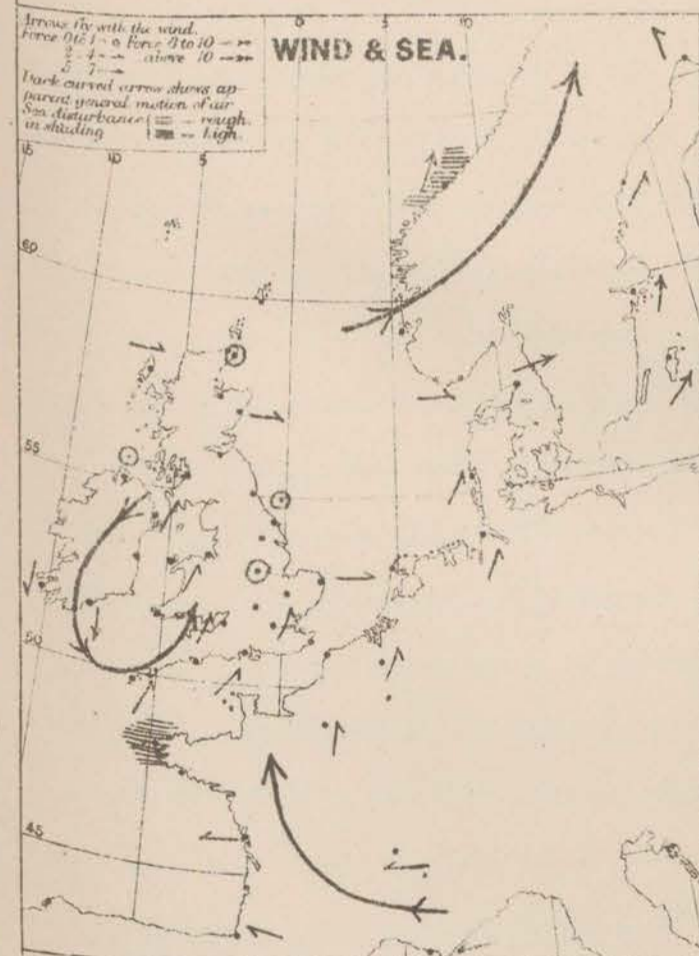
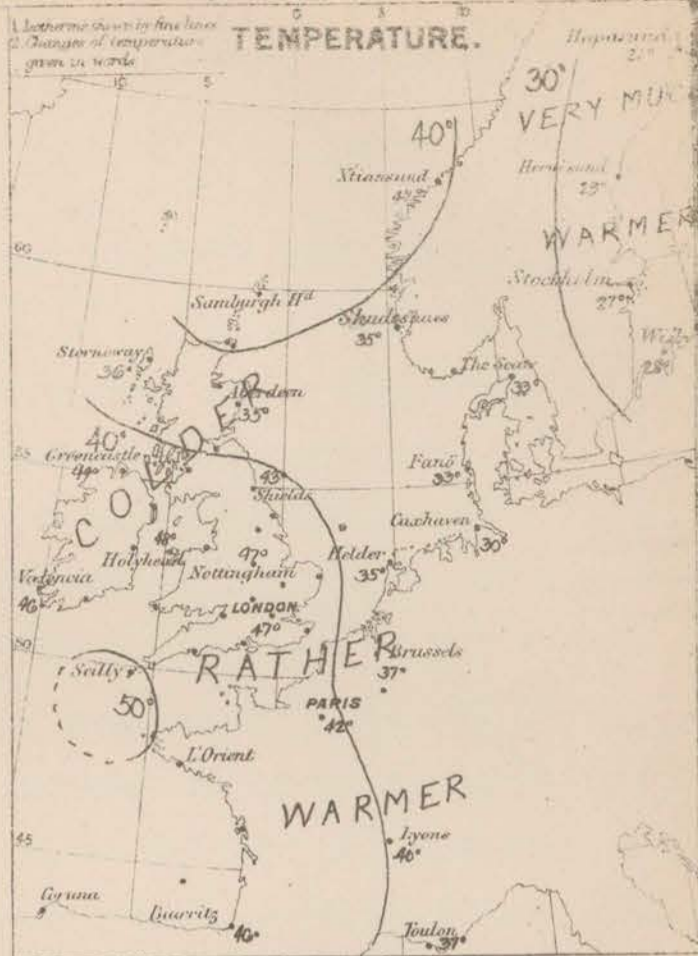
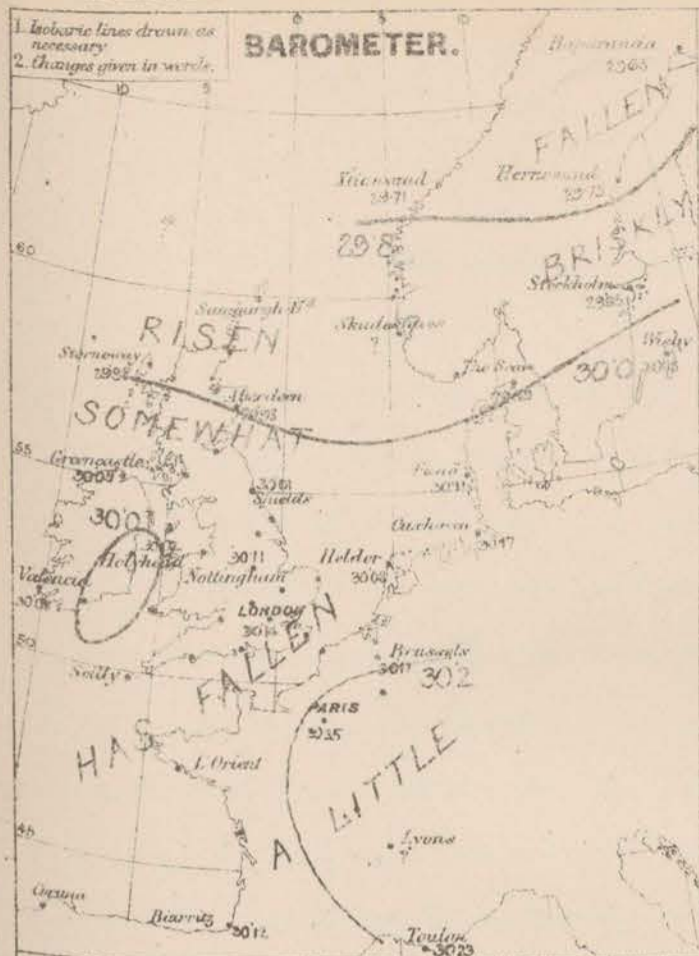
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Saturday 3rd MARCH 1877.



REMARKS. This morning pressure is increasing in the west and north of these Islands but is giving way in all other places, and a large disturbance is shown over the north of Scandinavia, while a small shallow local depression has advanced from the West to the Irish Sea. Over Norway and Sweden moderate gradients for W. breezes exist, and fresh winds from SW prevail over the mountains to the Eth of the North Sea but in other parts of our area pressure is very uniform and the winds very considerably except in the west, where they circulate round the depression over the Irish Sea. Temperature has fallen over Ireland and Scotland but risen elsewhere, the change being very great in Sweden. The sky is very cloudy except in Britain and the weather is generally damp. The sea is slight to smooth.

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

R. H. SCOTT,
Director

Tangerfield Ltd 22 Bedford Square London W.C.1

SUMMARY OF WEATHER IN WESTERN EUROPE

from FEB^y 25th to MARCH 3rd 1877.

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

The week opened with a deep depression lying over the South of Scandinavia, and fresh to strong N.W. gales blowing on our coast, while the weather was dull and wet with frequent showers of snow. When this depression and the two or three subsidiary disturbances which followed it during Sunday and Monday had moved away, the barometer rose briskly generally, and fine bright skies with fresh N.E. breezes and cold frosty weather prevailed. These conditions lasted till Wednesday on our W. and till Thursday on our E. coast, but on those days an entire change occurred, the winds shifted to S. as the high pressures which had advanced over us from the W. passed on, and temperature rose with great rapidity. From that time till the close of the week, warm dull weather prevailed. In London temperature rose from 22° early in the morning of the 1st, to 53° on the afternoon of the 2nd or 31° in about 32 hours.

FEB^y 25th The barometer had fallen in all parts of W. Europe, and a deep depression was shown over the North Sea, and S. of Scandinavia. The readings at its centre were below 28.7 ins, while pressure increased to 30.3 at Comins, and to 29.22 ins in Lapland, so that gradients were steep on both sides, and the wind was very strong from N.W. over these Islands and from E. in the Baltic. During the night a fresh to strong gale had been experienced on our W. and N. coasts. Temperature had decreased at our more N. stations, but risen somewhat elsewhere. Snow was falling in the N. and the weather was generally overcast, squally, and unsettled. During the day the barometer rose in the E. and N. but fell in the S. and W.

FEB^y 26th Pressure was increasing briskly over all the more N. and W. parts of our area, but was going away over the S.E. stations, France, and the Netherlands. Over these ^{Islands} and France steep gradients existed, but over the North Sea and the Countries to the E. pressure was very irregularly distributed, three distinct depressions being indicated. In nearly all places the wind blew very strongly and in the Netherlands increased to a hard gale. It was N. over the greater part of the United Kingdom but drew into N. or N.W. over the Channel and France, and into S.W. at Brussels. Temperature had fallen generally, the change being considerable at our stations. The sky was clear over Iceland and Scotland, but was very cloudy elsewhere, with heavy snow showers in very many places. Later in the day the barometer rose everywhere and the N.E. breezes prevailed on most coasts.

FEB^y 27th The mercury had risen quickly over the whole of W. Europe, the highest pressures being found off our extreme S.W. coast, and the lowest over the Baltic and Sweden. Gradients in the intervening space continued rather steep, and the N.W. winds which were reported were moderate or fresh in force. Temperature had again fallen, and at our more N. and Central stations, a sharp frost prevailed at 8 A.M. while even as far South

as Loulou the thermometer was as low as 37° . Though slight snow still fell in Carthage, the weather generally had become very fine, and continued so all day while the barometer ^{still} rose everywhere. The wind remained fresh from the North.

FEB. 28th A further increase of pressure was reported from all places, and an anticyclone in which readings exceeded 30.3 ins was advancing over our S.W. stations while the lowest pressure was still found over Sweden. In consequence the wind continued N.W. on all coasts, but as gradient had decreased generally, only a moderate breeze was reported. Temperature had risen at our more N.W. stations, but had fallen in the S. and the lowest reading reported 37° was at Nottingham and Cambridge. The weather was clear and dry. During the day the area of high pressure spread over us, but while the barometer rose in the E. and N. it began to fall in the W. and a strong S.E. breeze set in at Valentia.

MARCH 1st The ridge of high pressure had continued to travel slowly E.W. and at 8 a.m. lay over the West of France and S. of England. The barometer was consequently rising at all the more E. and N.W. stations, while in the W. and N.W. a decrease was in progress, so that while N.W. or N. breezes prevailed in the E, on all our N.W. coasts, S.W. winds had appeared. They were moderate in force except in the South of Ireland. Temperature had risen fast at Valentia and Rock Point, and to a less extent at the other Irish stations, and in the W. of England, but elsewhere it had again fallen, and the weather at Valentia (50°) was 18° warmer than over Central England. The sky was clear or nearly so except in the W. During the day the barometer continued to fall briskly in the W. and the decrease extended to all other parts of these Islands, while the wind shifted to S. with an extraordinary rise of temperature.

MARCH 2nd The barometer had risen somewhat over Sweden, Denmark, and Central Europe, while it had fallen over the whole of these Islands and the shores of the Bay of Biscay. The region of highest pressure lay over the E. and S.E. of France, while a slight depression was reported from the N. of Scotland so that gradient for S.W. winds were reported and breeze from that quarter prevailed on all but our extreme N.W. coasts. They were moderate in force but had occasioned a very rapid rise of temperature the change amounting to 20° in many places, and to as much as 26° at Leth during the 24 hours. In the N.W. the wind had veered to N.W. in the early morning and the change was not so large. The weather was very dull and damp except in Scotland. Later Reports showed a further fall of the mercury in the S. with a continuance of dull weather, but in the W. the barometer was rising and the sky remained clear.

MARCH 3rd Pressure was increasing somewhat in the W. and N. of these Islands, but was falling in all other places, and while a large depression lay over the North of Scandinavia smaller disturbances lay off the N.E. of England and over the E. of Ireland. Over Norway and Sweden strong S.W. breezes prevailed, but elsewhere the wind was light and varied a good deal in direction over these Islands except in the W. where it circulated round the shallow depressions over Ireland. Temperature had fallen over Scotland and Ireland but risen elsewhere, the increase being very considerable in Sweden, 31° at Norrlands. The weather continued dull except in Scotland, and scarcely any change occurred in either pressure or weather during the day.

116, Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Director.

DAILY WEATHER REPORT

MARCH 4th 1877.

STATIONS.	† YESTERDAY EVENING.					3 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.		Actual Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 320 F. and Sea Level.	Difference from 3 a.m. yesterday.	Dry.	Wet.	Difference from 3 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.55	29	SW	2	f	29.60	- 05	23	23	+ 2	WSW	2	f	*	*	*	-		
Hernösand ...	29.81	26	Z	0	f	29.80	+ 05	23	22	- 6	WNW	2	f	*	*	*	-		
Stockholm ...	29.91	32	SW	4	o	29.88	- 05	31	31	+ 4	WSW	2	o	*	*	*	-		
Wisby ...	30.05	29	SW	6	s	29.98	- 20	30	30	+ 2	WSW	4	o	*	*	*	0.04		
Christiansund ...	29.79	39	WSW	6	bo	29.75	+ 04	29	36	- 3	SW	4	r	5	39	36	0.07		
Skudesnaes ...	29.97	36	ESE	1	f	29.87	- 10	35	35	0	Z	0	f	2	37	?	-		
Oxö (Xtiansand) ...	29.95	35	NE	2	f	29.88	- 08	28	28	- 4	ENE	2	f	2	37	27	-		
Skagen (The Scaw) ...	29.97	34	WSW	2	f	29.88	- 11	34	34	+ 1	Z	0	f	1	36	30	0.08		
Fanö ...	30.07	33	S	2	o	29.92	- 19	32	32	- 1	SE	2	f	*	36	32	-		
Cuxhaven ...	30.09	40	SW	2	r	29.89	- 28	35	35	+ 5	S	2	f	*	+	28	0.18		
Sumburgh Head ...																			
Stornoway ...	29.98	40	N	1	f	29.84	- 14	33	33	- 3	WSW	1	f	3	48	32	0.07		
Thurso ...	29.99	42	WSW	1	bo	29.88	- 13	37	36	- 4	SW	2	cm	3	34	34	-		
Wick ...	29.96	45	Z	0	bo	29.84	- 14	38	37	- 4	N	1	o	0	46	34	-		
Nairn ...	29.99	40	Z	0	f	29.86	- 14	37	35	0	Z	0	c	1	49	35	-		
Aberdeen ...	29.97	43	Z	0	bo	29.86	- 12	35	34	- 2	Z	0	cm	1	49	33	-		
Leith ...	29.98	44	ENE	2	f	29.90	- 11	37	36	- 1	WSW	1	c	*	36	33	-		
Shields ...	29.99	44	N	3	ic	29.93	- 08	34	34	- 9	Z	0	f	2	40	32	0.09		
York ...	29.99	48	N	1	r	29.94	- 11	37	37	- 9	N	1	f	*	39	36	0.24		
Scarborough ...	29.96	46	NNW	1	f	29.92	- 10	38	37	- 5	NNW	1	f	2	38	38	0.02		
Nottingham ...	30.05	49	SSW	1	r	29.93	- 18	43	42	- 5	NNE	2	r	*	32	42	0.35		
Ardrossan ...	30.03	47	NNW	3	f	29.92	- 12	42	40	+ 1	NNW	4	r	2	30	35	0.02		
Greencastle ...	30.04	46	SW	4	f	29.94	- 09	39	37	- 5	SW	1	c	*	32	38	0.06		
Donaghadee ...	30.04	44	NNE	3	f	29.97	- 07	40	39	- 5	NW	3	bo	2	47	37	-		
Kingstown ...	30.05	48	NNW	3	bo	30.01	+ 02	43	41	- 6	NNW	4	c	3	49	41	0.01		
Holyhead ...	30.00	46	NNE	3	o	29.97	- 05	45	44	- 3	NW	3	cm	2	50	44	0.27		
Liverpool (Bidston) ...	29.99	49	SSW	1	r	29.94	- 11	41	41	- 7	NW	2	o	1	38	41	0.23		
Valencia ...	30.12	48	NNW	2	bo	30.16	+ 08	42	40	- 4	NNW	2	top	2	34	40	0.11		
Roche's Point ...	30.07	49	N	4	bo	30.09	+ 10	44	42	- 5	N	4	f	3	32	43	-		
Pembroke ...	29.99	47	N	3	o	29.99	- 07	45	43	- 4	NW	1	f	2	37	44	0.04		
Portishead ...	30.04	48	SSW	4	r	29.91	- 21	46	45	- 1	NW	3	o	2	53	43	0.13		
Seilly ...																			
Plymouth ...	30.06	50	SSW	1	o	29.99	- 15	43	43	- 6	NW	2	c	*	33	41	0.05		
Hurst Castle ...	30.07	48	SSW	2	o	29.88	- 28	48	48	0	NW	2	cm	2	50	45	0.05		
Dover ...	30.09	46	SW	2	c	29.88	- 27	45	44	0	SW	1	cm	0	49	43	0.01		
London ...	30.08	50	SW	1	od	29.88	- 26	44	44	- 3	Z	0	or	*	53	44	0.16		
Oxford ...	*	*	*	*	*	29.87	- 26	44	45	0	Z	0	r	*	32	45	0.14		
Cambridge ...	30.06	48	SW	1	r	29.88	- 24	44	44	- 2	Z	0	f	*	32	43	0.21		
Yarmouth ...	30.03	48	N	2	f	29.88	- 22	42	42	- 4	NNW	1	f	2	30	46	0.24		
The Helder ...	*	*	*	*	*	29.85	- 23	43	43	+ 8	SW	2	r	*	*	*	0.20		
Cape Gris Nez ...	30.12	46	SW	2	f	29.89	- 29	46	46	0	N	1	r	0	48	43	0.20		
Brest ...	30.14	52	N	1	r	30.09	- 08	48	46	- 2	NNW	3	r	4	52	46	0.24		
L'Orient ...	30.14	48	S	4	f	30.10	- 12	50	48	+ 2	WSW	4	p	5	34	45	-		
Rochefort ...	30.06	32	ESE	2	f	30.06	- 12	48	48	+ 3	NE	2	o	3	61	36	-		
Biarritz ...	30.02	55	ENE	2	o	30.16	+ 34	54	52	+ 8	WSW	4	r	3	61	43	-		
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	29.95	- 22	42	*	+ 7	SW	1	o	*	*	*	0.25		
Charleville ...	*	*	*	*	*	?	?	36	*	+ 3	E	1	orf	*	*	*	*		
Paris ...	30.15	48	S	3	o	30.00	- 25	44	*	+ 2	S	2	r	*	*	*	0.04		
Lyons ...	*	*	*	*	*				*					*	*	*	*		
Toulon ...	30.18	44	E	4	c	30.16	- 07	43	44	+ 6	E	2	c	4	46	37	-		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.97	38	38	Z	o	f	3	Valencia	30.10	53	48	N	3	bc	o
Thurso	29.96	50	46	N	2	f	3	Scilly							
Scarborough ...	29.97	50	49	N	1	r	2	London	30.11	52	50	SSW	2	od	*
Greencastle ...	30.05	31	47	N	1	bo	*	Rochefort ...	30.09	61	34	?	3	f	3
Holyhead	30.01	49	49	SSW	2	d	1								

No important change has occurred since the morning.

EXPLANATION OF COLUMNS.

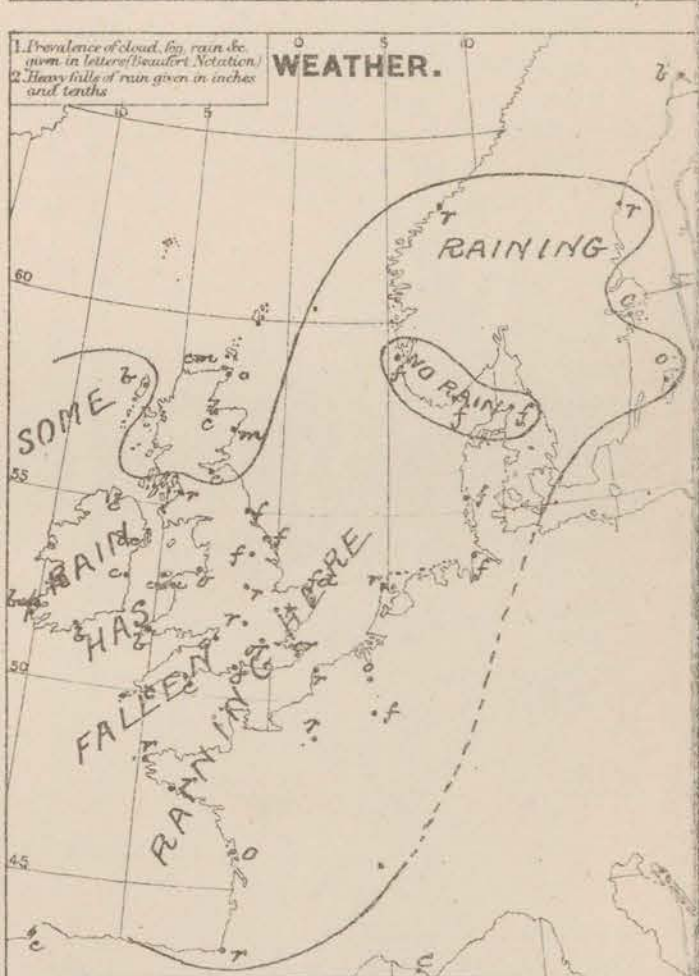
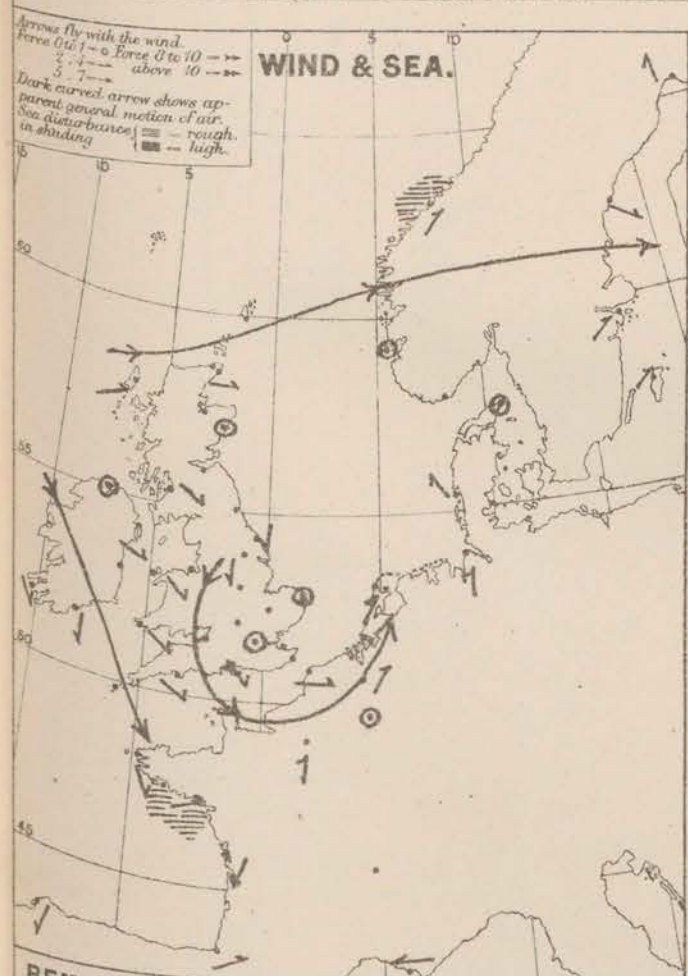
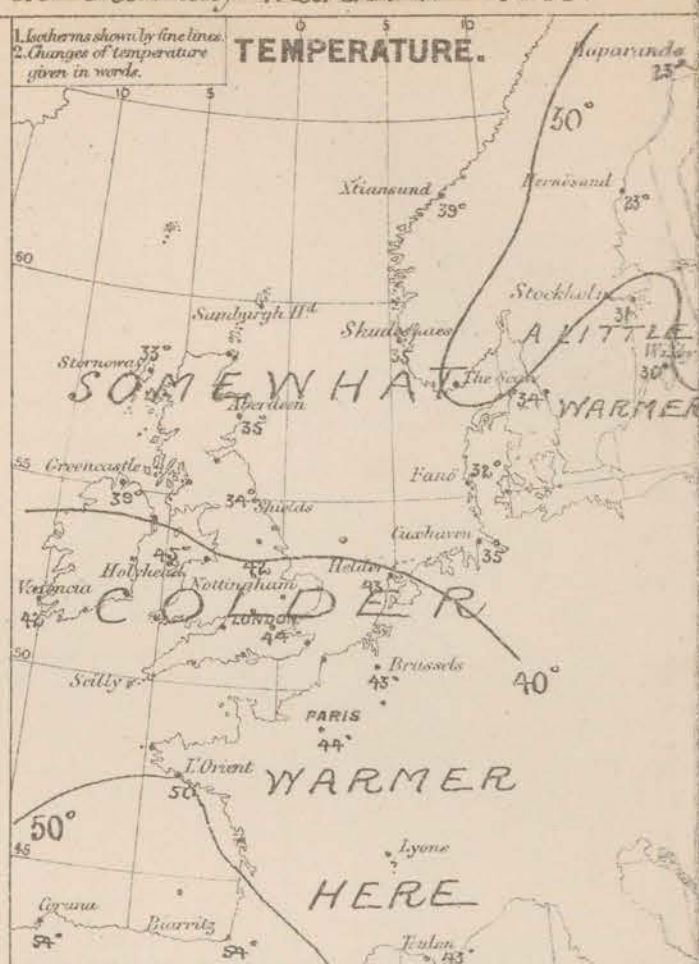
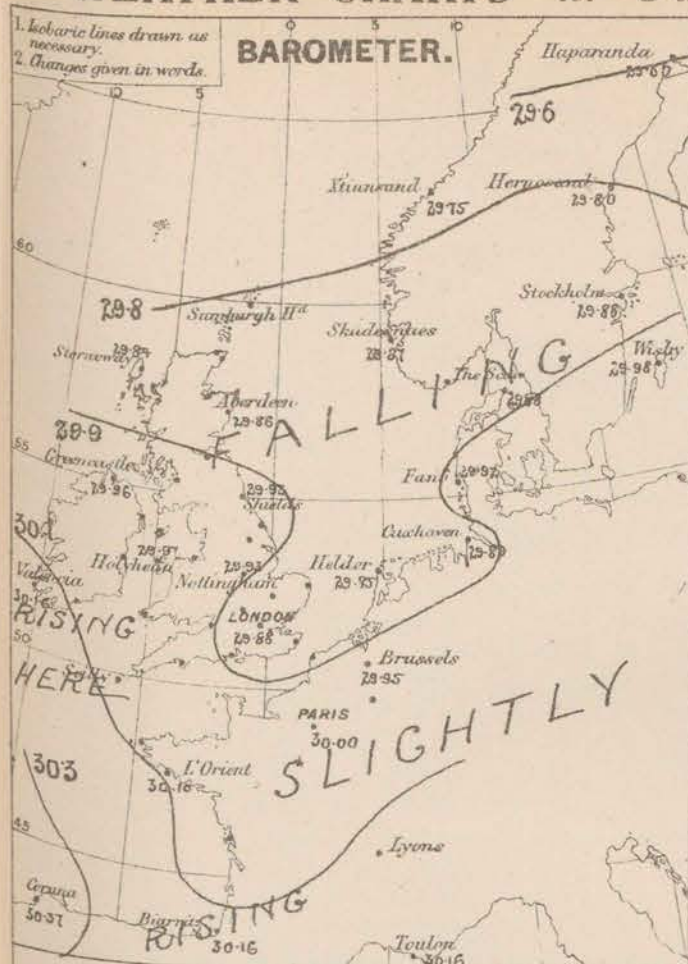
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. light; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 March 4th* 1877.



REMARKS

REMARKS. The changes in the distribution of atmospheric pressure from that of yesterday morning are as follows; the barometer having risen to the SWth of our Islands, while it has fallen briskly in the E, and over France, the highest readings have been transferred to our SW. coasts and the Bay of Biscay, but gradients are everywhere slight. At the Nth, Eth and French stations the mercury is still falling. The small, shallow depression, which lay over Ireland yesterday has advanced to our SEth Counties during the night. Light N.W. to Nth winds have set us in its rear, but elsewhere light variable airs are reported. Temperature has fallen in most places but risen slightly over France. Rain is falling in the neighbourhood of the depression. The sky is very cloudy except in the W. with dense fog in some places. The sea is rough at St. Vincent and dangerous, moderate to slight elsewhere.

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

R. H. SCOTT.
Director

DAILY WEATHER REPORT MARCH 5TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.61	23	SW	2	b	29.59	-.01	12	11	- 11	SW	2	b	*	*	*	-	
Hernösand ...	29.76	19	Z	0	f	29.71	-.09	9	9	- 14	SW	2	f	*	*	*	-	
Stockholm ...	29.80	30	SW	2	o	29.73	-.15	32	?	+ 1	Z	0	f	*	*	*	-	
Wisby ...	29.89	31	SW	4	o	29.80	-.18	31	30	+ 1	SW	4	o	*	*	*	-	
Christiansund ...	29.70	37	SSW	1	o	? 29.66	-.09	30	35	- 3	SW	2	r	4	41	37	-	
Skudesnaes ...	29.80	36	Z	0	f	29.74	-.13	35	35	0	SSE	2	rf	2	37	?	-	
Oxö (Xtiansand) ...	29.82	29	NE	4	f	29.75	-.13	30	30	+ 2	NNW	2	f	2	30	27	-	
Skagen (The Sæw) ...	29.82	03	Z	0	f	29.76	-.12	32	32	- 2	SSW	2	s	1	36	28	-	
Fanö ...	29.80	32	ENE	3	o	29.78	-.19	32	32	0	ENE	4	o	*	34	30	-	
Cuxhaven ...	29.74	47	SSE	3	f	29.67	-.27	35	35	0	E	3	s	*	2	32	0.39	
Samburgh Head																		
Stornoway	29.83	38	VVNW	3	c	29.89	+ .05	35	35	+ 2	N	2	bc	4	44	32	0.17	
Thurso ...	29.81	39	VSW	2	bc	29.80	+ .03	38	37	+ 1	VNW	3	p	3	48	34	0.18	
Wick ...	29.81	36	NW	2	c	29.80	-.04	35	34	- 3	SW	1	b	0	44	31	0.06	
Nairn ...	29.85	38	VSW	1	b	29.85	-.01	35	33	- 2	VSW	1	c	1	44	33	0.06	
Aberdeen ...	29.83	40	NNH	1	bc	29.81	-.05	38	35	+ 3	VNW	2	b	1	42	33	0.08	
Leith ...	29.87	42	NW	1	bc	29.87	-.03	36	35	- 1	N	1	bc	*	57	33	-	
Shields ...	29.82	43	Z	0	o	29.88	-.05	33	32	- 1	NW	2	b	1	47	32	-	
York ...	29.88	42	VW	1	bc	29.91	-.03	33	32	- 4	VNW	1	b	*	47	32	0.05	
Scarborough ...	29.85	40	N	1	f	29.87	-.05	37	35	- 1	VNW	1	b	2	42	34	0.03	
Nottingham ...	29.90	43	VNW	3	o	29.93	-.03	37	35	- 5	VNW	1	b	*	44	31	0.07	
Ardrossan ...	29.92	42	NW	4	bc	29.92	-.02	40	38	- 2	VW	3	b	3	47	36	0.04	
Greencastle ...	29.94	44	VW	3	b	29.97	+ .01	37	36	- 2	VW	1	o	*	47	35	0.12	
Donaghadee ...	29.97	40	VNW	3	b	29.98	+ .01	37	37	- 3	NW	4	b	3	46	35	0.02	
Kingstown ...	30.03	40	VW	4	f	30.04	+ .05	38	36	- 5	VNW	4	c	3	46	36	-	
Holyhead ...	29.98	44	VW	4	b	30.00	+ .03	42	40	- 3	VW	5	c	4	46	41	-	
Liverpool (Bidston) ...	29.94	42	VNW	3	b	29.95	+ .01	40	39	- 1	VNW	3	b	2	45	38	0.03	
Valencia ...	30.20	46	VW	4	bc	30.22	+ .06	46	43	+ 4	VNW	4	c	3	49	39	0.13	
Roche's Point...	30.13	45	N	5	bc	30.14	+ .05	40	41	- 1	VNW	3	c	3	50	42	-	
Pembroke ...	30.03	46	VNW	4	bc	30.04	+ .05	42	39	- 3	VNW	4	bc	2	47	40	-	
Portishead ...	29.94	43	VW	2	p	? 29.97	+ .07	40	38	- 6	VNW	3	bc	3	49	36	0.09	
Scilly ...																		
Plymouth ...	30.04	43	N	3	b	30.04	+ .05	3	38	- 5	N	3	b	*	53	36	0.06	
Hurst Castle ...	29.89	45	VNW	3	o	29.95	+ .10	39	39	- 9	VW	3	b	2	49	33	-	
Dover ...	29.80	42	NE	4	c	29.85	-.03	37	36	- 7	N	3	b	1	44	37	0.20	
London ...			N	3	sd m	29.93	+ .05	36	35	- 8	VNW	1	bf	*	47	36	0.34	
Oxford ...	*	*	*	*	*	29.94	+ .07	35	34	- 11	VW	1	c	*	46	33	0.24	
Cambridge ...	29.87	42	N	1	o	29.90	+ .02	35	34	- 9	VW	1	b	*	45	32	0.26	
Yarmouth ...	29.82	41	N	1	o	29.82	-.06	39	39	- 3	VW	3	cm	3	43	38	0.34	
The Helder. ...	*	*	*	*	*	29.73	-.12	40	39	- 3	VNW	1	c	*	*	*	0.02	
Cape Gris Nez	29.82	43	NE	3	r	29.88	-.01	39	39	- 7	N	4	bc	3	48	39	0.12	
Brest ...	30.08	50	N	4	c	30.09	-.01	41	39	- 7	N	4	o	4	50	37	0.16	
L'Orient ...	30.05	45	VNW	4	r	30.10	-.05	41	39	- 9	VNW	4	bc	4	52	37	0.34	
Rochefort ...	29.93	32	VW	5	o	30.02	-.04	45	43	- 3	N	6	b	4	52	39	0.08	
Biarritz ...	30.11	55	W	6	r	30.08	-.08	47	43	- 6	VW	5	r	5	?	43	0.32	
Corunna ...	*	*	*	*	*													
Brussels ...	*	*	*	*	*	29.79	-.16	40	*	- 3	VW	3	o	*	*	*	0.29	
Charleville ...	*	*	*	*	*	? 29.71	?	38	*	+ 2	SW	3	r	*	*	*	*	
Paris ...	29.80	47	V	3	r	29.87	-.13	41	*	- 3	VW	3	r	*	*	*	0.08	
Lyons ...	*	*	*	*	*	29.81		46	*		V	2	r	*	*	*	*	
Toulon ...	30.01	45	V	3	o	29.75	-.41	41	41	- 2	VW	4	bc	5	50	?	0.39	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.81	37	37	Z	0	f	2	Valencia ...							
Thurso								Scilly							
Scarborough ...								London					*		
Greencastle ...						*		Rochefort ...	30.02	32	32	W. N. W.	3	0	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 3 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.

DAILY WEATHER REPORT MARCH 6TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRE.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 15).		Reading at 8 A.M. and Sea Level.	Difference from 8 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.		
Haparanda ...	29.57	8	SW	2	b	29.49	-.10	3	2	-.9	N	2	b	*	*	*	-	
Hernösand ...	29.60	24	Z	0	c	29.31	-.20	19	19	+ 10	NW	2	c	*	*	*	-	
Stockholm ...	29.63	31	SW	2	o	29.50	-.19	30	29	-.2	SW	2	o	*	*	*	-	
Wisby ...	29.70	29	SSW	4	o	29.62	-.18	31	30	0	SSW	4	o	*	*	*	-	
Christiansund ...	29.66	35	WSW	2	bc	29.73	+ .07	30	29	-.6	W	6	bc	5	39	27	-	
Skudesnaes ...	29.73	35	NNE	2	o	29.70	-.04	34	31	-.1	N	2	c	2	36	?	-	
Oxö (Ålön) ...	29.69	31	SW	2	b	29.64	-.11	22	20	-.8	NNW	2	b	1	32	19	-	
Skagen (The Swan)	29.69	33	W	2	f	29.65	-.11	23	31	+ 1	Z	0	o	0	34	30	-	
Fanö ...	29.75	35	WNW	1	o	29.72	-.03	34	34	+ 2	NW	3	c	*	36	32	-	
Cuxhaven ...	29.64	42	NNE	4	P	29.72	+ .10	35	34	0	NNE	2	o	*	34	34	0.06	
Sumburgh Head																		
Stornoway	30.30	37	N	4	bc	29.84	-.45	36	35	+ 1	W	1	o	3	42	31	0.04	
Thurso ...	29.91	41	NNE	4	c	29.78	-.12	35	34	-.3	S	2	c	3	44	33	0.12	
Wick ...	29.93	35	N	2	bc	29.79	-.14	34	33	-.1	SW	2	o	0	45	31	-	
Nairn ...	29.94	37	WSW	4	c	29.87	+ .07	34	33	-.1	WSW	2	c	1	41	32	0.03	
Aberdeen ...	29.84	38	NNW	3	b	29.88	+ .04	35	32	-.3	WSW	1	bc	1	43	33	0.04	
Leith ...	29.91	42	NNE	3	b	29.91	+ .04	34	31	-.2	WSW	2	m	*	37	31	-	
Shields ...	29.86	38	NNW	1	b	29.92	+ .05	36	34	+ 3	WNW	1	cm	*	45	33	0.12	
York ...	29.87	39	N	2	c	29.93	+ .05	36	35	+ 3	N	3	b	*	47	31	0.10	
Scarborough ...	29.84	40	N	2	b	29.90	+ .05	39	38	+ 2	N	3	c	4	42	36	0.12	
Nottingham ...	29.90	36	SSW	1	o	29.95	+ .05	35	32	-.2	NNW	3	b	*	45	30	0.21	
Ardrossan ...	29.95	42	N	3	b	29.97	+ .05	34	32	-.6	E	1	cm	0	48	33	-	
Greencastle ...	30.02	42	NNE	2	c	29.96	-.01	35	38	+ 2	W	1	bc	*	47	35	0.01	
Donaghadee ...	29.99	41	NNW	6	b	29.99	+ .01	37	36	0	WNW	4	c	4	45	35	-	
Kingstown ...	30.53	46	NNW	5	bc	30.56	+.03	39	38	+ 1	W	3	bc	2	45	37	-	
Holyhead ...	29.95	44	NNW	6	c	30.00	+.05	44	42	+ 2	N	4	c	3	46	41	-	
Liverpool (Bidston)	29.90	40	NNW	3	b	29.98	+ .08	37	35	-.3	N	1	b	1	44	37	0.08	
Valencia ...	30.21	46	N	4	c	30.16	-.05	47	45	+ 1	NNW	5	c	4	38	43	0.20	
Roche's Point...	30.44	46	N	5	c	30.10	-.04	44	42	+ 1	NNW	4	c	4	38	40	0.18	
Pembroke ...	30.00	44	NW	5	bc	30.03	-.03	40	37	-.2	NNW	2	bc	2	46	38	-	
Portishead ...	29.94	42	NW	2	b	29.98	+.04	38	36	-.2	NNW	3	c	2	52	34	-	
Scilly ...																		
Plymouth ...	29.99	44	NNW	3	b	30.01	-.02	38	38	0	N	3	b	*	37	36	0.03	
Hurst Castle ...	29.91	47	N	1	c	29.95	-.03	37	37	0	N	3	c	2	47	42	-	
Dover ...	29.84	44	N	2	b	29.85	-.01	37	35	-.1	NE	3	c	1	45	38	-	
London ...	29.88	41	NNW	1	c	29.90	-.02	37	35	+ 1	NNW	2	c	*	46	34	0.05	
Oxford ...	*	*	*	*	*	29.93	-.05	35	34	0	NW	1	b	*	46	32	-	
Cambridge ...	29.86	37	?W	1	bc	29.91	+ .05	36	35	+ 1	NW	1	o	*	48	32	-	
Yarmouth ...	29.82	39	NNW	1	bc	29.83	+ .01	36	35	-.3	NW	2	cf	3	42	33	0.03	
The Helder...	*	*	*	*	*	29.78	+ .05	37	37	0	Z	0	c	*	*	*	0.24	
Cape Gris Nez	29.86	41	N	3	bc	29.86	0	39	37	0	N	4	c	3	48	37	-	
Brest ...	30.05	48	N	4	bc	30.03	-.02	43	37	+ 2	N	4	c	3	48	39	0.24	
L'Orient ...	30.03	41	N	3	f	30.01	-.02	41	39	0	N	4	b	4	48	37	0.04	
Rochefort ...	29.92	45	NNW	4	c	? 29.88	-.04	43	43	0	N	5	b	4	32	34	0.08	
Biarritz ...	30.00	52	NNW	3	r	29.92	-.08	39	37	-.2	ENE	3	f	5	34	36	0.43	
Cerunna ...	*	*	*	*	*									*	*	*	*	
Brussels ...	*	*	*	*	*	29.78	-.01	37	*	-.3	NNW	3	o	*	*	*	0.02	
Charleville ...	*	*	*	*	*	? 29.68	-.03	36	*	-.2	W	1	bc	*	*	*	*	
Paris ...	29.86	43	W	3	bc	29.84	-.02	37	*	-.4	NNW	3	bc	*	*	*	*	
Lyon ...	*	*	*	*	*	29.82	+ .01	41	*	-.5	NW	4	o	*	*	*	*	
Toulon ...	29.65	43	NN	4	b	29.56	-.09	37	34	-.4	NW	5	c	6	32	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.71	36	36	Z	0	f	2	Valencia	30.21	47	44	NNW	5	bcy	5
Thurso	29.86	42	40	NNW	5	c	4	Scilly							
Scarborough ...	29.85	42	39	N	2	c	2	London	29.90	44	40	NNW	2	c	*
Greencastle ...	30.00	46	42	N	2	b	*	Rochefort ...	29.92	38	45	N	5	b	4
Holyhead	29.95	44	42	NN	6	c	5								

The barometer is rising a little at our N.W. stations, but falling in the S. and E. The N.W. winds appear inclined to freshen on our coast and to become more N.E.

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.

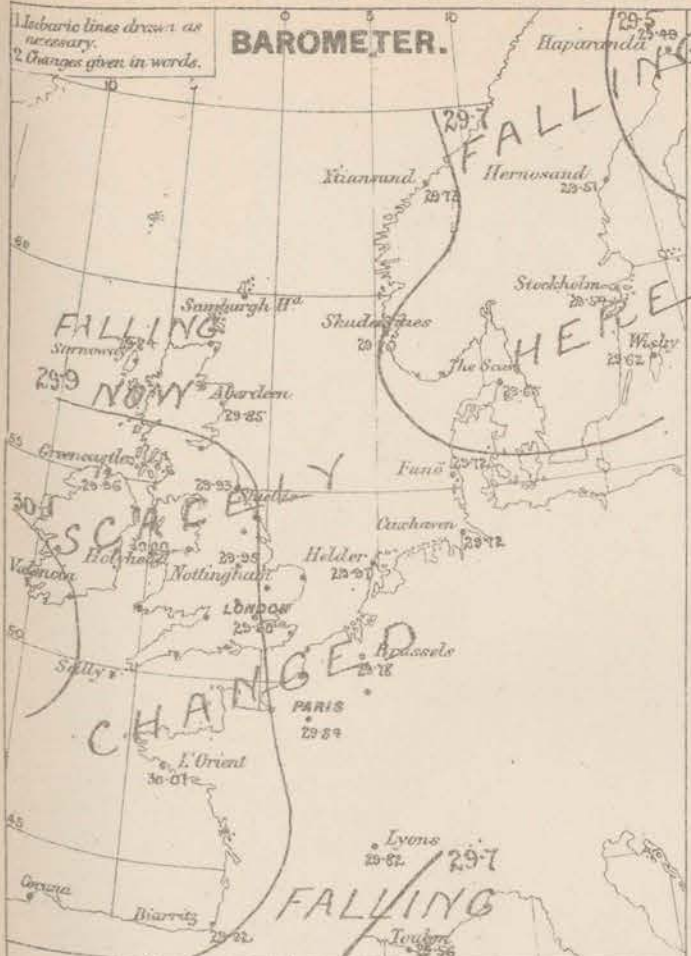
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 March 6th 1877.

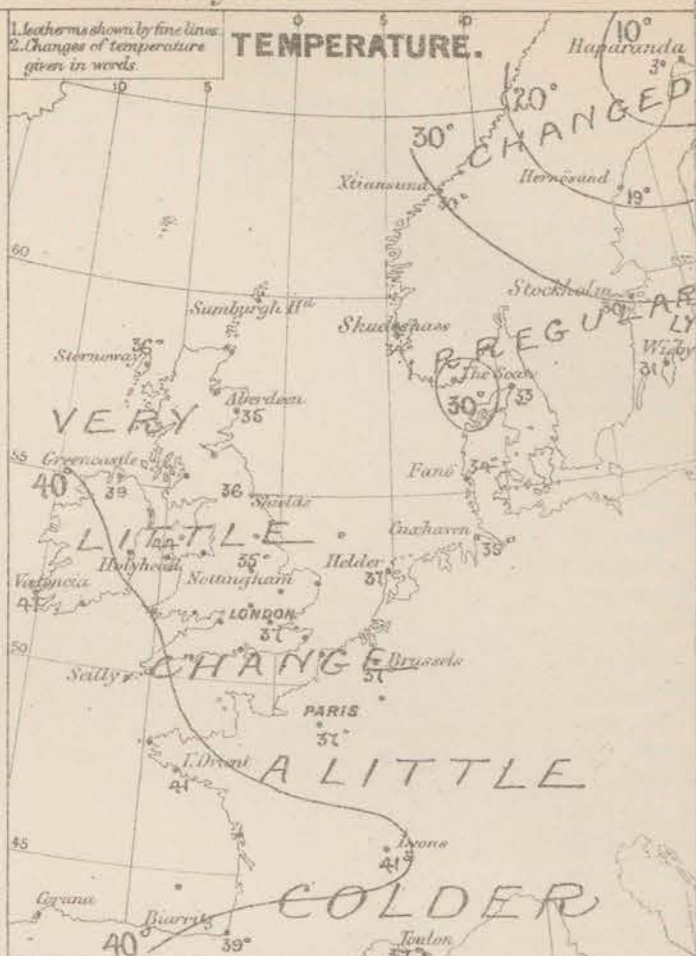
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



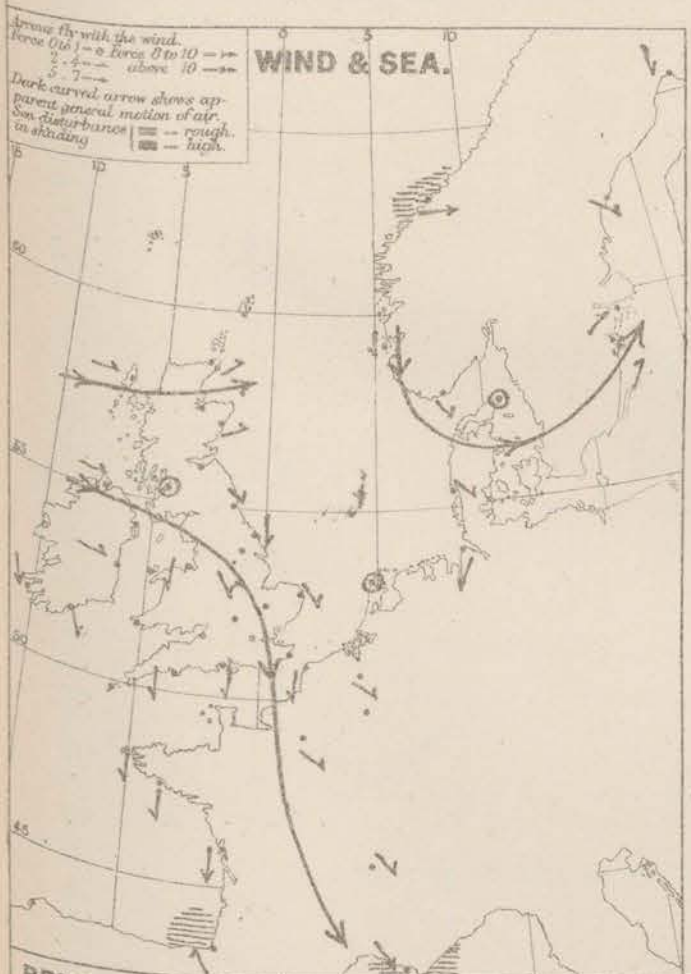
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



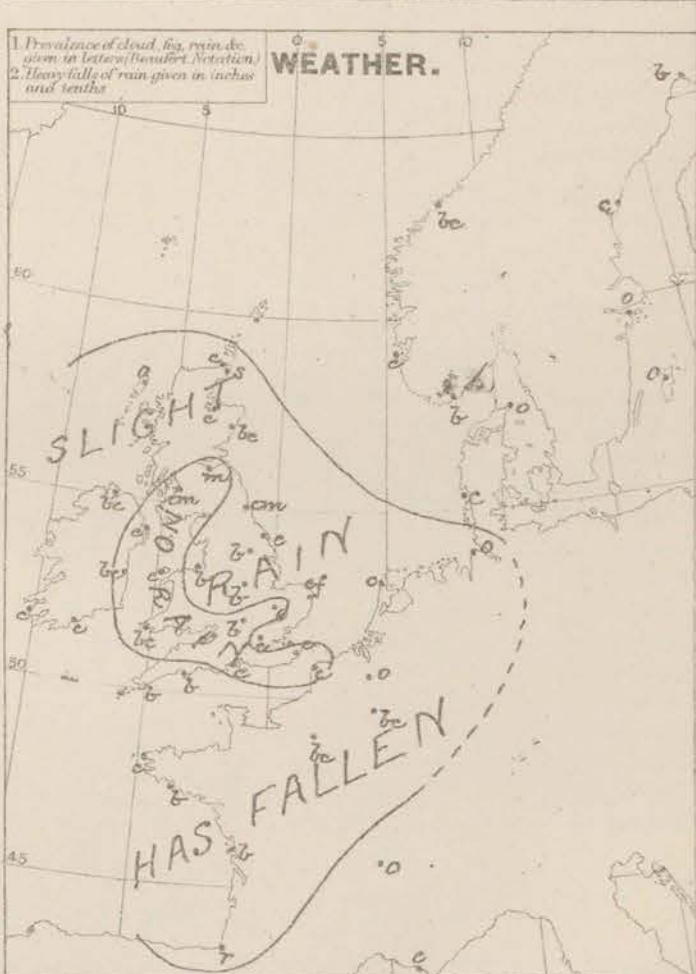
Drawn by with the wind.
Force 0 to 10 —
2 to 4 —
5 to 7 —
Dark curved arrow shows apparent general motion of air.
Sun disturbances — rough in shading — high.

WIND & SEA.



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

WEATHER.



REMARKS.

The changes in the barometer over the British Isles, and their immediate neighbourhood have again been slight, but in the S. of France, and in the Baltic a fall of nearly 0.2 ins. is reported this evening, and in Scotland the mercury is now inclined to fall. Very light W. breezes have consequently set in at the Scotch stations, but light to moderate N.W. winds prevail over Ireland, England, the Bay of Biscay, France and the North Sea, while in the Gulf of Bothnia the wind is variable. Temperature has changed but little on our coasts, where it has fallen in France. In N. Europe it has changed very irregularly. Showers of rain have fallen in many places, with snow and hail on our E. coast. The sky is still very cloudy, except in the W. of France, and snow is now falling at Wicks. The sea is moderate to smooth.

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

R. H. SCOTT,
Director.

DAILY WEATHER REPORT

MARCH 7 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sec. (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 ...	29.57	21	N	4	o	29.69	+ .20	1	1	- 2	N	4	f	*	*	*	-	
Hernösand ...	29.64	25	E N E	4	o	29.50	- .01	18	18	- 1	N E	8	s	*	*	*	0.04	
Stockholm ...	29.06	29	Z	o	o	29.38	- .16	27	26	- 3	Z	o	o	*	*	*	-	
Wiesby ...	29.31	30	S W	4	o	29.49	- .13	30	29	- 1	N S W	4	o	*	*	*	-	
Christiansund ...	29.41	30	E	1	f	29.49	- .24	30	28	-	S W	2	o	5	30	19	-	
Skudesnaes ...	29.52	32	N N E	2	c	29.58	- .17	31	29	- 3	N N E	2	o	2	36	?	-	
Oxö (Xtiosand) ...	29.57	31	N	4	f	29.47	- .17	23	22	+ 1	N N W	4	f	2	34	19	-	
Skagen (The Saaw) ...	29.51	32	Z	o	f	29.46	- .19	32	30	- 1	N	3	f	2	36	28	-	
Fanö ...	29.63	33	S W	1	bc	29.57	- .21	33	32	- 1	S	3	f	*	39	30	-	
Cuxhaven ...	29.68	44.1	N W	2	o	29.58	- .22	35	35	-	S S W	2	o	*	4	34	0.02	
Somburgh Head ...																		
Stornoway ...	29.40	35	N	4	o	29.87	+ .03	32	32	- 4	N	5	sgs	5	43	31	?	
Thurso ...	29.61	38	N	5	c	29.77	- .01	36	33	+ 1	N	5	o	5	45	35	0.20	
Wick ...	29.78	34	N	5	bc	29.77	- .02	35	32	+ 1	N W	4	o	2	42	32	0.27	
Nairn ...	29.64	37	N S W	3	r	29.78	- .09	35	34	+ 1	N N E	6	o	5	43	29	0.11	
Aberdeen ...	29.84	34	N N W	3	s	29.61	- .24	37	30	+ 2	N	4	f	4	43	33	0.28	
Leith ...	29.59	42	N	4	o	29.63	- .28	37	36	+ 3	N E	4	c	*	45	33	0.08	
Shields ...	29.36	42	N	4	c	29.40	- .53	36	36	-	N E	6	o	6	45	34	0.29	
York ...	29.77	40	N	3	c	29.36	- .57	33	33	- 3	N N W	5	s	*	46	32	0.04	
Scarborough ...	29.73	40	N S W	2	o	29.30	- .60	37	36	- 2	N	5	laps	5	42	34	0.20	
Nottingham ...	29.81	38	N N W	1	bc	29.42	- .53	36	34	+ 1	N W	6	c	*	44	32	0.09	
Ardrossan ...	29.68	45	N N W	4	c	29.70	- .27	37	34	+ 3	N	4	f	3	46	34	0.01	
Greencastle ...	29.97	45	N W	3	bc	29.51	- .55	38	33	- 1	N	4	bc	*	49	36	0.14	
Donaghadee ...	29.76	43	N W	5	c	29.72	- .27	40	37	+ 3	N	6	f	5	46	36	0.01	
Kingstown ...	29.86	46	N N W	4	bc	29.78	- .28	38	35	- 1	N W	5	f	4	46	36	0.81	
Holyhead ...	29.82	45	N	4	c	29.65	- .35	41	37	- 3	N	8	c	6	46	38	-	
Liverpool (Biston) ...	29.78	42	N	3	o	29.34	- .44	38	34	+ 1	N W	6	c	4	44	36	0.17	
Valencia ...	30.06	48	N W	4	o	29.97	- .19	42	39	- 5	N N E	4	bc	4	57	40	0.16	
Roche's Point... ..	30.03	45	N	5	o	29.88	- .22	40	37	- 4	N	5	bc	4	50	39	0.50	
Pembroke ...	29.90	45	N N W	2	o	29.71	- .32	39	35	- 1	N	7	sg	4	46	38	0.05	
Portishead ...	29.87	44	N S W	3	o	29.57	- .41	38	35	-	N N W	5	bc	4	52	34	0.04	
Seilly ...																		
Plymouth ...	29.94	44	N W	1	bc	29.64	- .37	39	38	+ 1	N W	4	f	*	57	37	0.05	
Hurst Castle ...	29.88	42	N W	1	bc	29.50	- .45	37	37	-	N N W	5	o	4	45	33	-	
Dover ...	29.82	44.1	N	3	bc	29.39	- .46	36	35	- 1	N	3	ss	1	43	35	0.05	
London ...	29.86	44	N W	3	o	29.44	- .46	36	34	- 1	N W	4	sg	*	41	34	0.04	
Oxford ...	*	*	*	*	*	29.48	- .45	35	33	-	N W	3	f	*	44	34	0.05	
Cambridge ...	29.83	38	N W	1	o	29.40	- .51	35	34	- 1	N W	2	o	*	46	34	0.08	
Yarmouth ...	29.79	39	N W	1	bc	29.34	- .49	35	34	- 1	N W	3	cf	2	42	34	0.09	
The Helder ...	*	*	*	*	*	29.36	- .42	36	36	- 1	S S E	2	r	*	*	*	0.04	
Cape Gris Nez ...	29.85	41	N N E	2	c	29.37	- .49	39	37	-	N	5	o	4	43	36	0.08	
Brest ...	29.82	?	N	3	c	29.70	- .28	45	41	+ 2	N N W	5	bc	4	48	39	0.20	
L'Orient ...	30.00	45	N N E	4	f	29.74	- .27	45	43	+ 4	N N W	5	bc	4	50	39	-	
Rocheport ...	29.91	50	N N W	3	f	29.75	- .13	45	43	+ 2	S W	4	r	4	54	32	-	
Biarritz ...	29.92	52	N N W	5	r	29.87	- .03	44	39	+ 2	S S E	2	r	5	?	34	0.35	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.44	- .34	36	*	- 1	N S W	6	o	*	*	*	-	
Charleville ...	*	*	*	*	*	29.50	- .18	34	*	- 2	N S W	3	c	*	*	*	*	
Paris ...	29.44	35	N N W	3	r	29.53	- .31	35	*	- 2	S	3	s	*	*	*	0.08	
Lyon ...	*	*	*	*	*	29.71	- .11	41	*	-	N W	2	c	*	*	*	*	
Toulon ...	29.53	39	N W	5	c	29.57	- .08	36	32	- 1	N W	4	f	5	45	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.57	35	35	N	2	c	2	Valencia	30.11	49	48	N N W	4	cp	4
Thurso	29.63	38	37	N N W	4	o	4	Scilly							
Scarborough ...	29.84	40	37	N	1	c	3	London	29.90	42	38	N W	2	o	*
Greencastle ...	29.87	47	44	N W	2	o	*	Rochefort ...	29.88	46	43	N	4	c	4
Holyhead	29.94	45	42	N	3	c	2								

The barometer has fallen briskly in Scotland during the morning and to a slighter extent elsewhere. The wind is rising to N.W. again in Scotland with dull weather.

EXPLANATION OF COLUMNS.

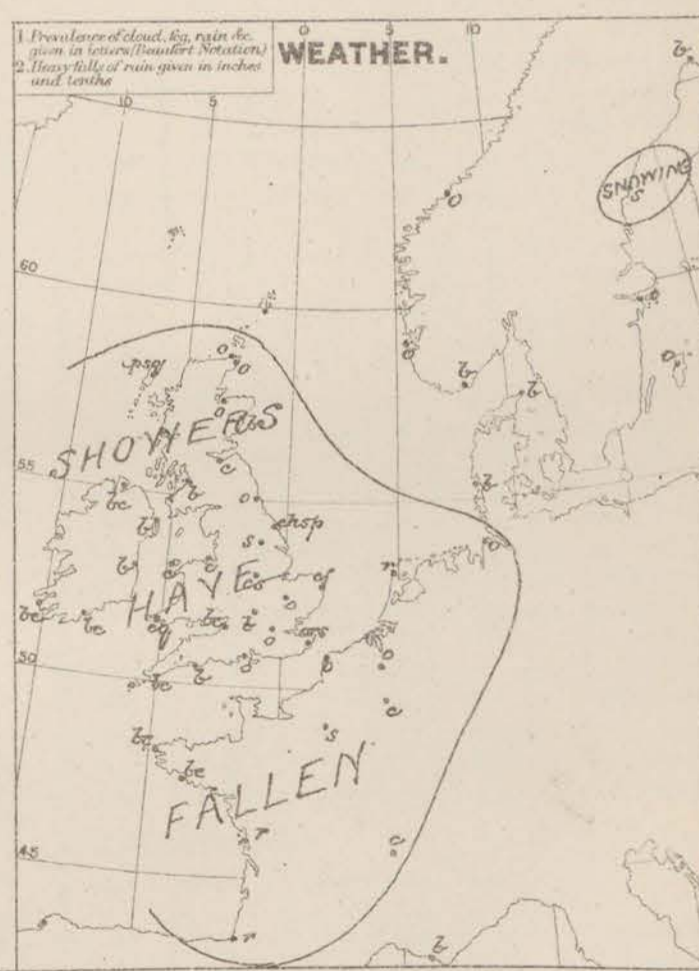
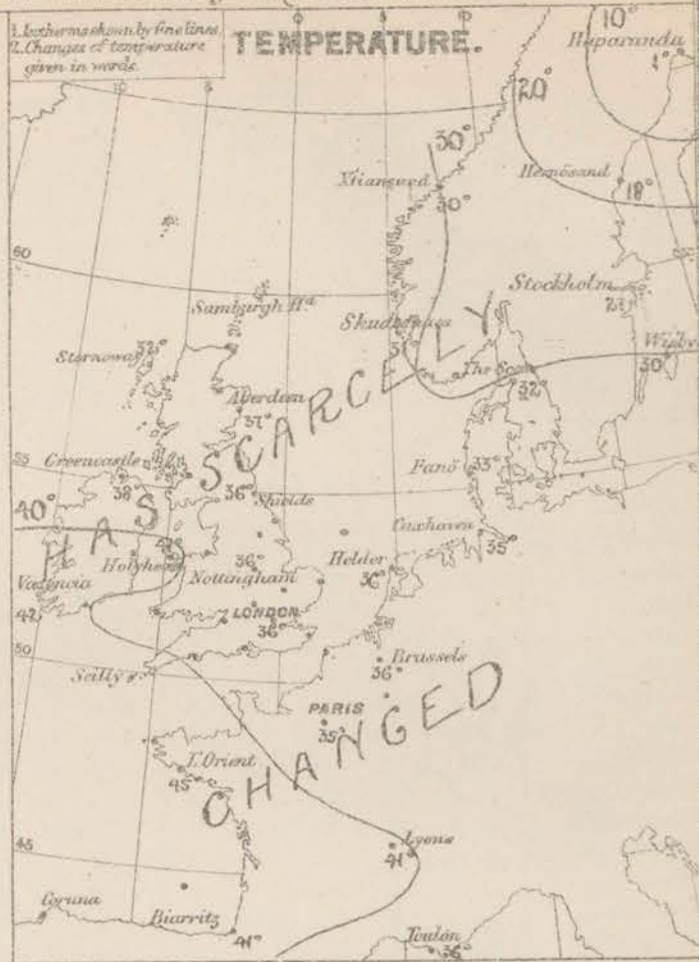
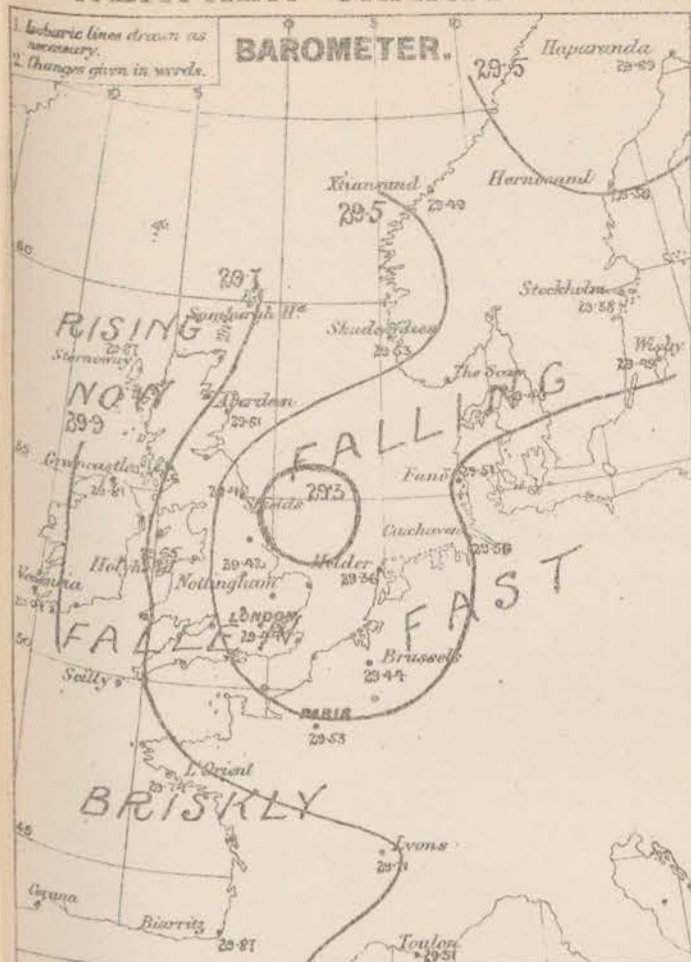
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Wednesday March 7th 1877.



city (A dotted line is drawn round the coast where the signals are up).

REMARKS.

REMARKS.
During the past 24 hours the barometer has fallen fast over the North Sea, and the centre of a small, but rather deep depression has advanced to the Yorkshire coast from the N^o. High gradients for N^o. winds have been formed over our Islands, while gradients for W^o. winds prevail in France. N^o. winds prevail over the whole of our Islands, and are blowing a fresh gale, in St. George's Channel, while fresh breezes are reported along our E^o. coasts. In Belgium the wind is W^o. and in Holland S^o. while in Scandinavia it is light and very variable. Temperature has not changed much. Showers of snow, and hail are reported from the N^o. and E^o. stations this morning, and the weather is unsettled. The sea is rising on our W^o. and NE^o. coasts. Warnings have been sent to our E. and S^o. coasts.

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

R. H. SCOTT.
Director.

Dangerfield, Lth. 22 Bedford St. Covent Garden

DAILY WEATHER REPORT

MARCH 8TH 1877.

STATIONS.	+ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		GRADE TEMP.			WIND.		Weather.	Sea. (0 to 2).	GRADE 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 ...	29.78	-1	N	4	b	29.81	+ .12	-12	-13	-13	N	2	b	*	*	*	-	
Hernösand ...	29.62	14	NE	6	s	29.76	+ .26	7	6	-11	NNE	14	b	*	*	*	0.04	
Stockholm ...	29.84	28	Z	0	s	29.68	+ .10	17	17	-10	NN	14	o	*	*	*	0.04	
Wisby ...	29.46	29	SW	4	b	29.52	+ .03	23	22	-7	NNW	8	o	*	*	*	-	
Christiansund ...	29.57	29	ESE	3	b	29.79	+ .30	23	22	-7	ESE	1	b	*	32	19	-	
Skudesnaes ...	29.60	32	N	14	s	29.67	+ .14	28	28	-3	E	6	s	4	36	?	-	
Oxö (Xtiansand) ...	29.34	28	N	2	b	29.70	+ .23	24	22	+1	NE	4	b	2	34	21	0.04	
Skagen (The Seaw) ...	29.55	29	N	2	b	29.69	+ .23	28	21	-9	NE	4	b	3	36	21	-	
Fano ...	29.62	32	NN	1	b	29.65	+ .14	34	32	+1	NNE	1	b	*	37	27	-	
Cuxhaven ...	29.57	46	ENE	2	bc	29.65	+ .15	34	34	-1	N	1	b	*	38	30	0.02	
Sumburgh Head																		
Stornoway	29.88	34	NNN	5	bc	30.11	+ .24	31	30	-1	N	3	sp	5	38	29	0.09	
Thurso ...	29.58	34	N	4	s	29.99	+ .22	35	33	-1	NNN	5	bc	5	39	30	0.15	
Wick ...	29.91	33	N	4	s	29.98	+ .21	33	32	-2	N	2	bc	0	39	28	0.05	
Nairn ...	29.91	34	NNN	3	bc	30.14	+ .26	30	30	-5	NNN	6	b	5	39	26	0.02	
Aberdeen ...	29.82	35	N	4	bc	29.93	+ .32	30	29	-7	NNN	4	b	3	40	29	0.17	
Leith ...	29.85	37	ENE	4	b	30.02	+ .39	33	32	-4	NN	3	bc	*	40	31	-	
Shields ...	29.75	38	NNE	6	bc	29.96	+ .38	32	30	-4	NNN	2	bc	5	39	30	0.14	
York ...	29.66	36	NNE	4	c	29.97	+ .61	31	30	-2	N	1	b	*	43	30	0.29	
Scarborough ...	29.67	38	NE	8	o	29.92	+ .62	30	33	-1	N	5	bc	5	40	32	0.21	
Nottingham ...	29.57	32	N	6	s	29.96	+ .34	33	31	-3	NNW	4	b	*	42	29	0.31	
Ardrossan ...	29.90	39	NNE	3	bc	30.06	+ .36	34	31	-3	NNE	2	b	1	44	32	-	
Greencastle ...	29.94	38	N	3	o	30.11	+ .30	36	35	-2	N	1	o	*	41	34	0.04	
Donaghadee ...	29.91	38	NNE	3	bc	30.08	+ .36	37	35	-3	NNN	5	b	5	43	35	0.01	
Kingstown ...	29.92	40	NNN	7	bc	30.13	+ .35	34	31	-4	NNN	4	b	3	42	32	-	
Holyhead ...	29.83	41	N	8	c	30.04	+ .39	39	35	-2	N	5	c	4	47	36	-	
Liverpool (Bidston) ...	29.74	38	N	6	c	30.02	+ .49	35	32	-3	NNN	3	b	2	41	32	-	
Valencia ...	30.05	41	N	4	bc	30.25	+ .28	41	39	-1	NNN	2	bc	3	46	38	0.02	
Roche's Point...	29.98	41	NNE	6	bc	30.20	+ .32	38	35	-2	NNE	3	b	3	49	36	0.05	
Pembroke ...	29.77	41	NNN	8	bc	30.07	+ .36	38	34	-1	NNE	4	bc	2	43	36	0.03	
Portishead ...	29.52	39	NN	8	c	29.99	+ .42	35	33	-3	NNN	4	b	4	43	31	0.02	
Scilly ...																		
Plymouth ...	29.65	39	NNN	6	b	30.02	+ .38	36	34	-3	N	2	b	*	48	34	0.04	
Harst Castle ...	29.40	41	N	7	o	29.93	+ .43	36	35	-1	NNE	4	b	3	43	34	-	
Dover ...	29.34	36	NN	1	o	29.80	+ .44	37	34	+1	N	3	bc	3	40	35	0.26	
London ...	29.38	37	N	4	c	29.90	+ .46	35	32	-1	NNN	3	b	*	41	34	0.04	
Oxford ...	*	*	*	*	*	29.96	+ .48	33	30	-2	NN	2	b	*	41	32	0.07	
Cambridge ...	29.45	37	N	3	o	29.91	+ .57	33	32	-2	N	3	o	*	42	31	0.06	
Yarmouth ...	29.37	39	ENE	7	p	29.99	+ .45	37	36	+2	NN	4	o	4	41	33	0.08	
The Helder ...	*	*	*	*	*	29.72	+ .36	36	35	0	NNE	2	bc	*	*	*	0.12	
Cape Gris Nez	29.32	37	NNE	2	o	29.76	+ .39	37	36	-2	NE	6	s	5	41	34	0.16	
Brest ...	29.75	46	N	6	p	30.02	+ .27	41	36	-4	NNE	4	o	3	46	32	0.08	
L'Orient ...	29.72	41	NNN	6	p	29.98	+ .24	41	37	-4	N	5	b	4	46	34	0.08	
Rochefort ...	29.57	48	NN	9	b	29.72	- .03	41	41	-4	N	10	bc	8	37	36	0.08	
Biarritz ...	29.73	50	NNN	7	p	29.75	- .12	46	41	+5	NNN	8	p	8	34	36	0.35	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.72	+ .28	33	*	-3	?	?	bc	*	*	*	0.22	
Charleville ...	*	*	*	*	*	29.65	+ .15	39	*	+5	NE	3	bc	*	*	*	*	
Paris ...	29.35	41	N	4	bc	29.70	+ .17	32	*	-3	NNE	3	b	*	*	*	0.08	
Lyons ...	*	*	*	*	*	29.87	- .14	36	*	-5	N	2	o	*	*	*	*	
Toulon ...	29.42	41	NN	5	b	29.33	- .18	36	30	0	NN	7	b	7	46	36	0.39	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudeanaes ...	29.56	35	32	N	2	b	2	Valencia	30.04	45	40	N	4	bcg	5
Thurso	29.83	37	35	N	4	sp	5	Scilly							
Scarborough ...	29.47	35	37	NE	10	p	7	London	29.34	38	36	NN	4	o	*
Greencastle ...	29.90	40	36	N	4	b	*	Rochefort ...	29.61	43	41	NNN	7	p	6
Holyhead	29.70	42	38	N	9	c	7								

The barometer is now rising at all but our S.E. stations and a heavy N.E. gale has set in on our H. Coast and is travelling S.W. In the Irish Channel the wind is still blowing a gale from N.

EXPLANATION OF COLUMNS.

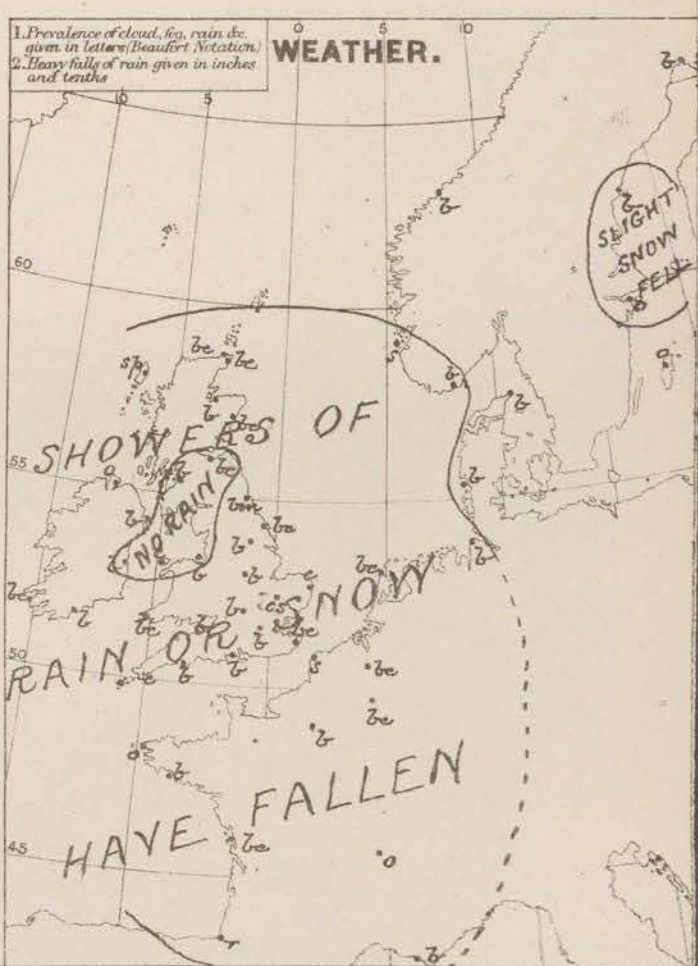
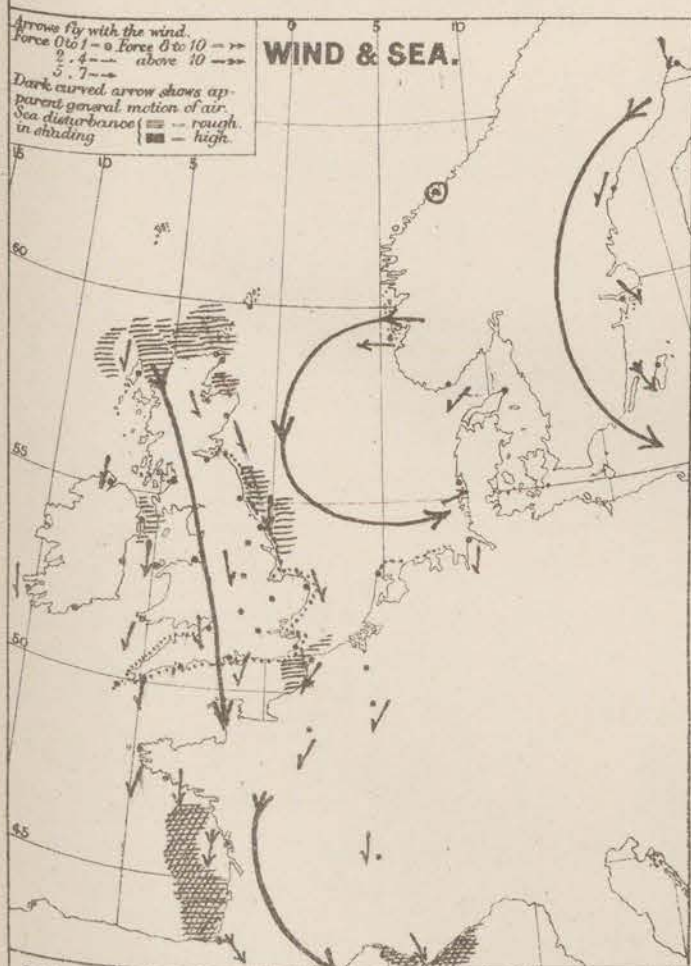
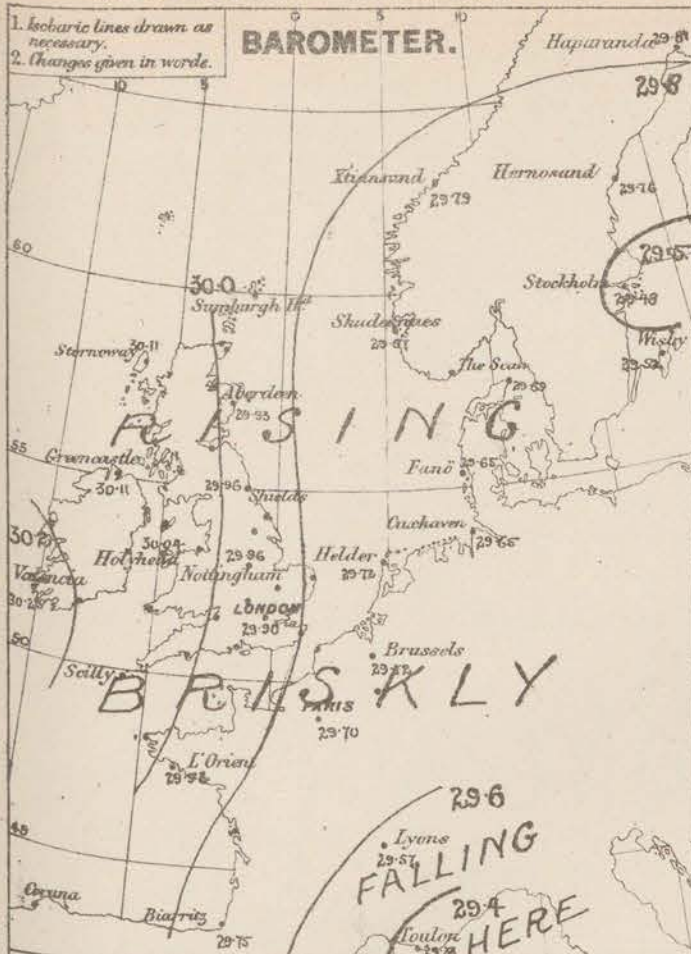
WEATHER.--Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility; un. unusual transparency; w. dew.

* 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 March 8th 1877.



REMARKS.

The depression which showed itself off our NE. coast yesterday travelled quickly to the S. during the day, and afterwards (apparently) in a S.W. direction, and is now lying over the W. central portions of France, but is apparently being "felled up". As the centre passed, the wind rose to a strong gale from NE. along our E. coasts, and a slight gale from N. on our S. coasts, while a fresh gale was felt on our W. coasts all day. The gale has now subsided in our Islands, but has extended to the Bay of Biscay during the night, and is blowing severely at Rochefort and vicinity this morning. Fresh N. breezes still prevail over our Islands, and a strong E. wind at St. Peter's, but in N. Germany variable air is reported, apparently owing to the presence of a new disturbance over the North Sea. Temperature has fallen in most places, and the wind is very fresh. Squalls of snow and cold rain have been very prevalent, except in the extreme W. but the sky has since cleared considerably in our Islands. The weather is, however, still very unsettled. The sea is rough in the NE. E. and S.

The warning signals are still flying in the E. and S.

DAILY WEATHER REPORT

MARCH 9th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.50	-12	Z	0	f	29.52	+ .01	-20	-21	-8	N	2	f	*	*	*	-	
Hernösand ...	29.54	-7	Z	0	f	29.59	+ .13	-9	-9	-14	NE	21	f	*	*	*	-	
Stockholm ...	29.78	-8	N	6	f	29.91	+ .43	-1	-1	-18	Z	0	f	*	*	*	-	
Wisby ...	29.72	21	N	8	S	29.95	+ .43	13	13	-8	NNE	8	f	*	*	*	-	
Christiansund ...	29.86	28	SW	14	S	29.92	+ .13	28	26	+5	SSW	2	f	4	7	7	-	
Skudesnaes ...	29.93	23	Z	0	f	29.99	+ .32	30	27	+2	ESE	2	c	3	30	23	-	
Oxö (Åtlands)	29.91	24	NNH	4	f	30.02	+ .32	18	16	-6	NNH	4	f	2	27	14	-	
Skagen (The Seaw)	29.91	25	ENE	2	f	30.02	+ .33	22	20	-1	Z	0	f	0	25	18	-	
Fanö ...	29.93	26	N	2	c	30.06	+ .41	24	22	-10	NNE	2	f	*	37	21	-	
Cuxhaven ...	29.77	45	N	2	f	30.01	+ .36	29	?	-5	NE	3	o	*	?	27	-	
Sumburgh Head																		
Stornoway	30.12	36	NNH	1	o	29.87	- .30	42	41	+11	SW	1	fd	4	42	30	0.21	
Thurso ...	30.06	36	NNH	4	o	29.87	- .12	34	34	-1	S	1	o	3	40	34	0.11	
Wick ...	30.07	34	N	4	o	29.88	- .10	37	36	+4	S	2	o	2	40	30	0.10	
Nairn ...	30.11	34	NNH	3	o	29.93	- .14	35	34	+5	N	1	o	2	36	30	0.12	
Aberdeen ...	30.04	33	NNH	3	S	29.95	+ .02	33	32	+3	SW	3	S	2	37	30	0.23	
Leith ...	30.09	39	NNE	2	bc	29.99	- .03	34	33	+1	SW	2	S	*	45	32	0.06	
Shields ...	30.04	37	N	4	o	30.08	+ .12	31	31	-1	W	1	S	4	39	31	0.01	
York ...	30.05	37	SW	2	c	30.10	+ .13	35	34	+2	NW	1	o	*	39	30	-	
Scarborough ...	29.99	37	NNH	5	c	30.07	+ .15	35	33	-1	NW	1	af	3	38	32	0.09	
Nottingham ...	30.10	34	NW	2	f	30.13	+ .17	32	29	-1	SSW	2	f	*	39	29	-	
Ardrossan ...	30.12	38	N	3	bc	30.01	- .05	39	38	+5	SSW	3	fm	3	43	34	0.21	
Greencastle ...	30.17	39	N	3	bc	29.96	- .15	40	40	+4	SW	2	f	*	43	35	0.09	
Donaghadee ...	30.16	40	N	4	bc	30.02	- .06	37	37	0	SW	4	f	3	42	33	0.23	
Kingstown ...	30.20	40	NNH	5	c	30.15	+ .02	39	37	+5	SSE	1	wd	1	40	32	0.01	
Holyhead ...	30.15	40	NNE	4	o	30.14	+ .10	40	38	+1	W	2	o	1	41	36	0.08	
Liverpool (Bidston)	30.12	37	NNH	2	f	30.13	+ .10	36	34	+1	NW	2	S	2	41	35	-	
Valencia ...	30.29	44	N	3	bc	30.22	- .03	46	44	+5	W	1	o	2	48	39	0.01	
Roche's Point...	30.25	41	N	4	bc	30.24	+ .01	43	41	+5	NNH	2	o	3	48	38	-	
Pembroke ...	30.16	37	N	2	c	30.18	+ .11	41	38	+3	NNH	2	o	2	43	35	0.05	
Portishead ...	30.07	38	NNH	5	bc	30.15	+ .16	36	33	+1	NNH	3	c	2	47	31	-	
Scilly ...																		
Plymouth ...	30.11	40	N	2	bc	30.19	+ .17	38	32	-3	NNH	1	af	*	46	29	0.01	
Hurst Castle ...	30.03	39	N	3	bc	30.13	+ .20	34	33	-2	NNH	3	f	3	42	28	-	
Dover ...	29.97	34	NE	4	bc	30.01	+ .21	35	34	-2	N	4	c	2	39	32	0.08	
London ...	30.04	36	N	4	f	30.10	+ .20	34	32	-1	N	2	fm	*	40	31	0.01	
Oxford ...	*	*	*	*	*	30.13	+ .17	33	32	0	Z	0	m	*	41	29	-	
Cambridge ...	30.05	36	N	2	f	30.12	+ .21	34	31	+1	NNH	1	o	*	42	30	0.01	
Yarmouth ...	29.94	35	NNH	4	S	30.04	+ .25	36	34	-1	ENE	4	bc	4	38	33	0.22	
The Helder ...	*	*	*	*	*	30.02	+ .30	34	31	-2	NE	2	bc	*	*	*	0.03	
Cape Gris Nez	29.92	37	NNE	6	bc	29.99	+ .23	37	36	0	N	6	c	5	41	34	0.04	
Brest ...	30.14	48	NNE	3	o	30.21	+ .19	37	34	-4	NE	2	o	2	?	32	0.04	
L'Orient ...	30.12	41	N	5	bc	30.23	+ .25	37	34	-4	NNE	3	f	3	45	32	-	
Rochefort ...	29.98	48	N	6	f	30.12	+ .40	37	37	-4	N	5	f	3	39	32	-	
Biarritz ...	30.04	30	NNE	6	f	30.15	+ .10	34	32	-12	ENE	3	o	5	48	30	0.35	
Corunna ...	*	*	*	*	*										*	*	*	
Brunswick ...	*	*	*	*	*	29.98	+ .26	32	*	-1	NNH	3	f	*	*	*	-	
Charlottesville ...	*	*	*	*	*	29.87	+ .22	32	*	-7	NN	3	f	*	*	*	-	
Paris ...	29.89	36	N	4	*	29.99	+ .29	34	*	+2	W	3	c	*	*	*	-	
Lyon ...	*	*	*	*	*	?	?	*	*	+2	N	7	o	*	*	*	-	
Toulon ...	29.34	39	NW	5	bc	29.47	+ .14	37	28	+1	NNH	5	o	6	46	34	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.97	31	28	NNH	1	6	2	Valencia	30.28	44	42	N	2	cp	3
Thurso	30.04	39	35	NNH	5	c	5	Scilly							
Scarborough ...	29.97	38	34	NNH	5	bc	5	London	29.97	39	34	NNH	5	cp	*
Greencastle ...	30.17	41	37	N	2	bc	*	Rochefort ...	29.89	48	46	N	8	bc	?
Holyhead	30.12	40	36	NNE	4	bc	3								

The barometer continues to rise on all our coasts, and moderate to fresh N^{ly} winds, with rather cloudy weather prevail very generally, and showers of snow or hail in several places.

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT

MARCH 10 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.			
			Dir.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.	Amount of Rainfall.	
Haparanda ...	29.92	-6	Z	0	m	29.98	+ .16	3	2	+ 2.3	SW	2	c	*	*	*	-	
Hernösand ...	30.08	0	Z	0	b	30.17	+ .28	-7	-7	+ 2	Z	0	f	*	*	*	-	
Stockholm ...	30.02	13	WSW	2	b	30.15	+ .24	12	12	+ 1.3	Z	0	bc	*	*	*	-	
Wisby ...	30.15	17	N	4	b	30.21	+ .26	19	18	+ 4	NNW	4	bc	*	*	*	-	
Christiansund ...	29.95	29	SSE	2	f	29.91	- .04	29	26	+ 1	E	2	c	3	30	25	-	
Skudesnaes ...	30.00	32	SSE	4	s	29.98	- .02	36	35	+ 6	S	8	o	5	?	30	-	
Oxö (Tiansand) ...	30.10	30	NNW	2	o	30.10	+ .08	34	32	+ 16	SSW	5	o	3	?	?	-	
Skagen (The Sea) ...	30.15	28	Z	0	f	30.16	+ .14	29	27	+ 7	WSW	4	o	3	37	?	-	
Fanö ...	30.17	25	S	2	b	30.24	+ .18	32	28	+ 8	SW	2	f	*	?	21	-	
Cuxhaven ...	30.16	46	ESE	3	f	30.25	+ .24	26	24	- 3	S	2	bc	*	*	23	-	
Sumburgh Head ...																		
Stornoway ...	29.80	47	WSW	2	o	29.73	- .08	44	42	+ 2	S	1	c	2	50	41	0.01	
Thurso ...	29.81	43	ESE	1	r	29.76	- .11	42	42	+ 8	S	1	o	2	45	34	0.06	
Wick ...	29.82	42	Z	0	m	29.77	- .11	45	44	+ 8	S	1	o	0	47	35	0.02	
Nairn ...	29.84	44	WSW	1	o	29.80	- .10	44	42	+ 9	N	1	c	1	47	25	0.04	
Aberdeen ...	29.89	38	S	2	f	29.82	- .13	39	38	+ 6	SSW	1	m	1	40	33	0.04	
Leith ...	29.90	41	N	2	o	29.85	- .14	44	43	+ 10	WSW	2	o	*	45	32	0.10	
Shields ...	29.97	37	SSW	4	c	29.97	- .11	35	35	+ 4	SSW	3	f	2	38	31	0.07	
York ...	30.06	37	S	1	o	30.05	- .05	34	34	+ 1	S	4	m	*	38	31	0.02	
Scarborough ...	30.04	37	SSW	2	*	30.04	- .03	35	34	0	SSW	4	c	3	39	34	0.02	
Nottingham ...	30.08	35	SW	2	s	30.10	- .03	34	33	+ 2	SSE	3	o	*	42	31	0.03	
Ardrossan ...	29.93	44	SSW	2	P	29.88	- .13	45	43	+ 6	SSW	3	o	3	46	39	0.06	
Greencastle ...	29.93	49	NNW	2	o	29.84	- .12	45	45	+ 5	SW	1	o	*	47	40	0.11	
Donaghadee ...	29.86	47	NNW	2	o	29.90	- .12	45	45	+ 8	WSW	2	o	2	47	36	0.04	
Kingstown ...	30.01	48	NNW	4	m	29.95	- .20	47	46	+ 8	NNW	3	cm	3	49	37	0.03	
Holyhead ...	29.98	44	SW	1	f	29.94	- .20	45	45	+ 5	SW	1	f	0	47	37	0.03	
Liverpool (Bidston) ...	30.00	36	SSE	2	o	29.96	- .17	36	36	0	SE	3	o	2	36	34	0.24	
Valencia ...	30.11	50	N	1	o	29.90	- .32	49	47	+ 3	SSE	5	cm	3	?	?	-	
Roche's Point... ..	30.11	49	NNW	4	o	29.95	- .26	48	47	+ 5	SW	1	o	2	52	42	-	
Pembroke ...	30.02	46	NNW	4	o	29.98	- .20	44	44	+ 3	SE	3	off	3	48	39	0.37	
Portishead ...	30.06	35	WSW	2	f	30.02	- .13	37	37	+ 1	SSW	3	o	2	42	33	0.13	
Scilly ...																		
Plymouth ...	30.11	40	Z	0	o	30.01	- .18	41	41	+ 8	E	2	OT	*	45	33	0.36	
Hurst Castle ...	30.12	39	N	1	o	30.08	- .05	39	38	+ 5	SE	4	o	2	44	32	0.02	
Dover ...	30.11	37	NE	3	bc	30.14	+ .13	31	29	- 4	ESE	3	bc	2	41	30	-	
London ...	30.11	39	NNW	1	o	30.12	+ .02	33	31	- 1	SE	2	o	*	40	31	-	
Oxford ...	*	*	*	*	*	30.10	- .05	34	33	+ 1	SSE	1	s	*	40	33	0.01	
Cambridge ...	30.09	35	NN	1	o	30.13	+ .01	34	31	0	SSE	1	o	*	44	34	-	
Yarmouth ...	30.10	36	ESE	3	f	30.15	+ .11	33	30	- 3	SSE	3	f	3	39	31	-	
The Helder ...	*	*	*	*	*	30.21	+ .19	28	26	- 6	Z	0	f	*	*	*	0.04	
Cape Gris Nez ...	30.10	34	NE	3	f	30.15	+ .16	27	27	- 10	E	2	c	1	43	27	0.04	
Brest ...	30.16	45	N	3	o	30.02	- .19	40	41	+ 6	SE	2	m	2	45	43	0.16	
L'Orient ...	30.19	41	N	3	c	30.06	- .17	37	37	0	SE	3	r	3	46	36	0.16	
Rochefort ...	30.07	45	NNW	4	bc	30.03	- .09	36	36	- 1	E	4	o	3	34	32	-	
Biarritz ...	30.10	50	N	4	c	30.01	- .14	34	32	0	SSE	3	s	3	?	30	0.24	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.17	+ .19	26	*	- 6	E	1	f	*	*	*	-	
Charleville ...	*	*	*	*	*	30.14	+ .27	25	*	- 7	ENE	3	f	*	*	*	-	
Paris ...	30.04	37	N	4	b	30.09	+ .10	28	*	- 6	NE	4	f	*	*	*	-	
Lyons ...	*	*	*	*	*	29.93	?	32	*	- 6	N	6	c	*	*	*	-	
Toulon ...	29.53	41	N	5	f	29.66	+ .19	34	32	- 3	NNW	4	o	5	52	?	0.04	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.98	33	32	SE	6	5	4	Valencia	30.17	50	48	N	2	0	3
Thurso	29.81	44	42	S	2	0	2	Scilly							
Scarborough ...	30.05	37	35	WSW	2	0	3	London	30.11	40	36	N	1	0	*
Greencastle ...	29.90	38	30	NNW	3	4	*	Rochefort ...	30.09	45	45	N	4	bc	3
Holyhead	30.02	42	42	SSW	2	4	1								

The barometer has become unsteady on our coast, but the sudden fall noticed in the N. this morning appears to have ceased. The wind has veered to the N.W. in the N. of Ireland, but the rain continues, and the thermometer has risen 10° since 8 a.m.

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.

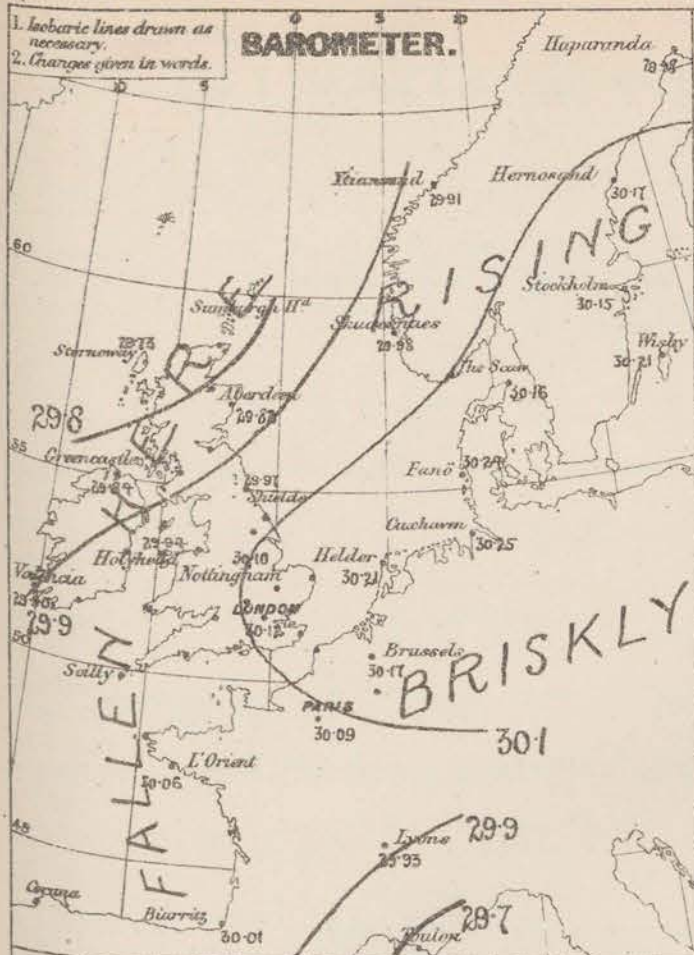
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 March 10th 1877.

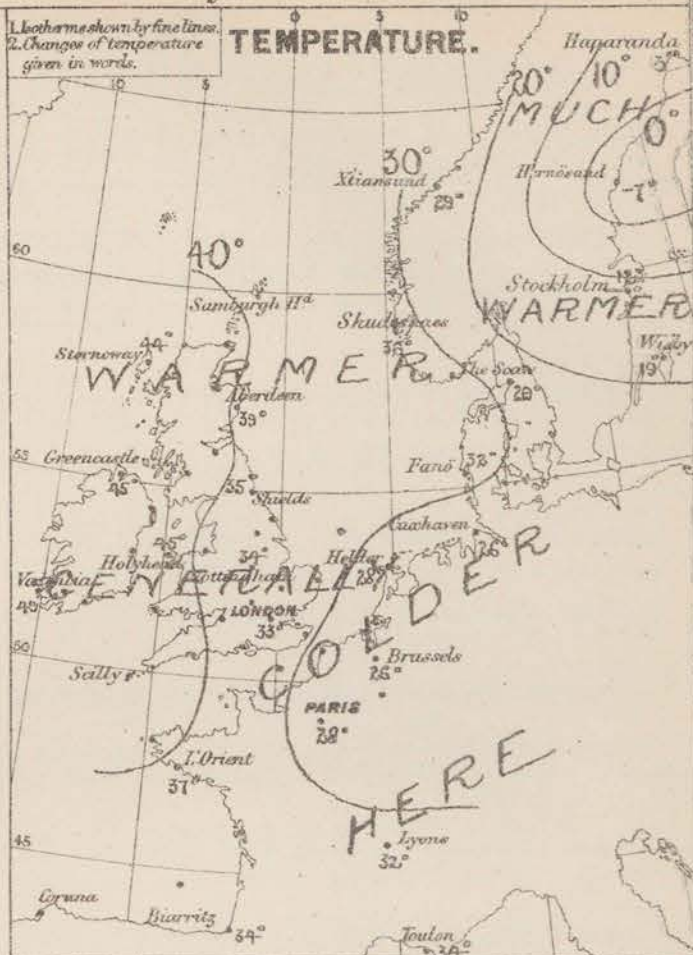
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



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

TEMPERATURE.



1. Arrows fly with the wind.
2. Force 0 to 10 --
3. 10 to 20 --
4. 20 to 30 --
5. 30 to 40 --
6. 40 to 50 --
7. 50 to 60 --
8. 60 to 70 --
9. 70 to 80 --
10. 80 to 90 --
11. 90 to 100 --
12. 100 to 110 --
13. 110 to 120 --
14. 120 to 130 --
15. 130 to 140 --
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39. 370 to 380 --
40. 380 to 390 --
41. 390 to 400 --
42. 400 to 410 --
43. 410 to 420 --
44. 420 to 430 --
45. 430 to 440 --
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SUMMARY OF WEATHER IN WESTERN EUROPE

from MARCH 4th to MARCH 10th 1877.

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

Pressure during this week, particularly towards its close has been in a very unsettled state. During the greater part of the time the highest readings have been established off the West of Ireland, while areas of low pressure have passed in a S^W direction down the North Sea to Germany and S^W Europe. The most important of these was that of Wednesday. The depression which caused this storm started as a very slight disturbance from the East of Scotland, and as it travelled S^W increased considerably in depth so that the gradients which surrounded it increased, and a hard gale was experienced on our own and the French coasts. After its passage on Friday and Saturday the barometer rose quickly in the S.E., the highest readings became established over North Germany, and a light S^W current set in over the British Isles. Temperature has been generally low, the weather has been very variable and snow showers have occurred generally.

MARCH 4th The barometer had fallen very generally, briskly on our East coast and over France, but had risen to the S^W of these Islands, so that the area of highest pressure was now established over S^W Europe. The lowest readings were found in the extreme N. but both over the S.E. of England, and over the N. of France, shallow local disturbances were shown. Gradients were nowhere steep and the wind was light from N.W. or N. at all the W^m stations, while elsewhere calms or variable breezes prevailed. Temperature had fallen somewhat except over France. Rain was reported in the neighbourhood of both the above mentioned depressions, and at nearly all our other stations the sky was cloudy or foggy. By the evening the two depressions having coalesced, lay over North Germany and the increase of pressure was extending from the S^W to the other W^m stations.

MARCH 5th The highest pressures still lay to the S^W of these Islands, and the lowest over the N. of Scandinavia, while the depression was still shown over N. Germany. Gradients for N^W breezes had been established in all parts of these Islands and France and N^W winds light in force in the E. but fresher in the N. prevailed generally. Temperature had fallen everywhere and was low in the E. and N. The sky was clear in the E. and S. but cloudy elsewhere with snow at Aithoven and the Teaw. During the day very little change occurred.

MARCH 6th The changes in the barometer continued very unimportant, consisting of a slight rise during the night over the greater part of England and Ireland and a slight fall over Scotland, and on the Continent generally. The highest readings still lay off the W. of Ireland, and the lowest over Scandinavia, but the depression lying over N. Germany on the previous day had apparently travelled S^W to the Gulf of Lyons. The wind was generally light and blew from W. or S.W. over Scotland and at Christiania, from N. at the rest of our own, and most of the French stations, and from various quarters over Norway and Sweden. Temperature had fallen in nearly all places, and in the S. of France, the weather was cold. The sky was rather cloudy and showers of snow were frequent. At 6 P.M. a small subsidiary disturbance was shown at the Mouth of the Firth of Forth, the barometer falling briskly in the East of Scotland.

MARCH 7th During the night the depression from the East of Scotland had advanced slowly, S^{wd} down over E. Coast. At 8 am its centre lay off Scarborough, and as it had become much deeper since the previous evening, rather steep gradients prevailed on our coast. The wind was consequently fresh or strong from N. at most of our stations, and blew a gale in the Irish Sea and at Falmouth. In the Netherlands the wind was S.W. and in Denmark S.E. Temperature had changed very little. Showers of snow were reported from several places, and the sky was cloudy or rather so in most parts of these Islands. During the day the depression continued to travel S^{wd} and the Nth to N.E. gale while it still held in the Irish Sea, extended with great force to our N.E. coast and the North of France.

MARCH 8th The depression of the previous day had continued to advance S^{wd}, its centre being shown over the N. of Italy, ^{and} the barometer was consequently rising in all parts of Northern Europe, the change amounting to over half an inch at our N.E. stations. Over the Bay of Biscay a hard Nth gale was reported, but the wind on our coast and the N. of France had subsided somewhat, fresh or strong breezes only being reported. They were Nth in direction in nearly all parts of our area. Temperature had fallen in most places and the weather was cold generally. Showers of snow had been very prevalent and continued at Cape Gris Nez, and Skudenæs but elsewhere the sky was nearly clear. The general distributions of pressure changed very little during the day but gradients became rather slighter, and the wind moderated in some degree.

MARCH 9th The mercury had risen quickly over France, N. Germany, and the South of Scandinavia, and to a less extent over England, but in Ireland, and Scotland, the barometer was slowly falling. The highest readings were found to the S.W. of these Islands, while a band of high pressure stretched across the North Sea to Denmark, at our N.W. and N. stations the wind was light from S. or S.W., while at the S.E. and S. stations and over France Nth breezes continued. Temperature had increased at the Scotch stations but had fallen elsewhere - quickly on the Continent. In the S. of France the weather was very cold for the time of year, while in the Gulf of Bothnia the thermometer read 20° below zero. Snow was falling in the N.E. and rain in the N.W. and the sky was generally cloudy. The evening report observed the Sth current slowly spreading over us, but in the S.E. and in France the Nth breeze still held.

MARCH 10th The barometer had continued to fall at the N.W. and N. and to rise at the S.E. stations so that the area of highest pressure had been transferred from the S.W. ^{stations} to N. Germany and the Baltic. In consequence the Sth current had extended to all parts of our Islands and the North Sea, but in the S. of France the wind was still Nth, while in the N. of that country it was E. At all stations except Skudenæs, it was light in force. The weather was warmer over these Islands, Scandinavia, and Denmark, but at the other Continental stations it had fallen, and in the Netherlands a sharp frost prevailed. The sky was cloudy and showers of snow had been general, extending as far S. as Biarritz. In the evening a rapid fall of the barometer accompanied by a backing of the wind occurred at Valentia, but the disturbance passed N^{wd} without causing any storm.

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

DAILY WEATHER REPORT MARCH 11th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.02	1	Z	0	b	30.01	+ .03	5	4	+ 2	NE	2	b	*	*	*	-	
Hernösand ...	30.10	10	S	2	b	30.03	- .44	4	4	+ 11	SW	2	b	*	*	*	-	
Stockholm ...	30.11	19	SSE	4	o	30.07	- .08	23	22	+ 11	SSE	2	o	*	*	*	-	
Wisby ...	30.21	18	S	4	b	30.10	- .11	26	26	+ 7	SSE	4	S	*	*	*	-	
Christiansund ...	29.82	31.4	SSE	4	o	29.73	- .18	38	36	+ 9	SW	3	T	14	7	27	-	
Skudesnaes ...	30.09	36	NSW	4	o	30.04	+ .06	34	34	- 2	SSE	8	S	4	?	?	-	
Oxö (Xtiansand) ...	30.10	34	SSW	4	b	30.11	+ .01	35	32	+ 1	SW	4	C	3	36	32	-	
Skagen (The Bear) ...	30.17	30	NSW	4	o	30.12	- .04	35	32	+ 6	N	5	o	5	?	28	-	
Fanö ...	30.22	29	SW	2	b	30.38	+ .04	32	29	0	NSW	4	b	*	32	28	-	
Cuxhaven ...	30.29	45	E	2	b	30.30	+ .05	36	34	0	SSW	2	b	*	3	26	-	
Sumburgh Head																		
Stornoway	29.70	47	SSW	3	C	29.88	+ .15	39	38	- 5	NNW	3	T	14	30	38	0.14	
Thurso ...	29.75	47	S	1	C	29.77	+ .02	44	43	+ 2	SSW	2	T	2	38	42	0.07	
Wick ...	29.79	45	Z	0	bo	29.81	+ .02	45	44	0	SW	2	o	0	48	43	-	
Nairn ...	29.79	48	SW	1	C	29.85	+ .05	46	43	+ 2	SW	1	bc	1	52	43	-	
Aberdeen ...	29.81	44	SSW	2	C	29.91	+ .09	42	41	+ 3	S	4	og	2	49	39	-	
Leith ...	29.83	45	SW	1	o	29.97	+ .12	44	42	0	NSW	4	o	*	49	41	0.04	
Shields ...	29.97	37	SSW	6	o	30.09	+ .12	35	33	=	SW	3	f	2	38	34	0.02	
York ...	30.05	36	S	2	o	30.18	+ .13	33	32	- 1	S	2	o	*	39	32	-	
Scarborough ...	30.04	36	SSW	4	o	30.17	+ .13	33	32	- 2	SW	3	C	2	39	32	-	
Nottingham ...	30.10	43	SSE	3	C	30.22	+ .12	32	31	- 2	S	3	b	*	38	29	-	
Ardrossan ...	29.87	45	S	2	o	29.99	+ .11	45	44	0	S	5	T	5	44	43	0.02	
Greencastle ...	29.77	48	S	2	o	29.95	+ .11	45	45	0	N	2	om	*	38	44	-	
Donaghadee ...	29.85	47	S	2	o	30.02	+ .12	44	44	- 1	SSW	5	o	3	49	43	-	
Kingstown ...	29.87	48	SSE	4	o	30.04	+ .09	45	43	- 2	S	4	C	3	49	43	0.01	
Holyhead ...	29.93	44	SSW	2	m	30.10	+ .16	41	39	- 4	SSW	3	om	2	46	?	0.02	
Liverpool (Bidston) ...	29.94	38	SE	3	T	30.13	+ .17	34	33	- 2	SE	3	o	2	39	34	0.02	
Valencia ...	29.96	49	SSE	5	T	30.04	+ .14	49	48	=	S	1	o	2	38	47	0.38	
Roche's Point ...	29.80	52	SSW	4	T	30.03	+ .08	49	48	+ 1	S	4	rm	4	34	48	0.14	
Pembroke ...	29.95	44	S	5	o	30.11	+ .13	42	39	- 2	SE	3	o	3	46	40	0.08	
Portishead ...	30.05	46	SW	2	o	30.17	+ .18	34	32	- 3	ESE	2	b	1	41	29	-	
Seilly ...																		
Plymouth ...	30.01	42	SE	3	o	30.14	+ .13	38	36	- 3	E	2	o	*	44	35	0.03	
Hurst Castle ...	30.07	37	SE	4	"	30.20	+ .12	37	36	- 2	ESE	4	bo	3	39	33	-	
Dover ...	30.12	44	E	3	bo	30.24	+ .10	32	31	+ 1	E	2	b	2	35	30	-	
London ...	30.11	35	SE	2	b	30.23	+ .11	33	30	0	SE	2	b	*	41	44	-	
Oxford ...	*	*	*	*	*	30.22	+ .12	30	28	- 4	SE	1	b	*	41	26	-	
Cambridge ...	30.12	33	SSE	1	bo	30.25	+ .12	29	27	- 5	SE	1	b	o	38	32	-	
Yarmouth ...	30.14	33	SSE	4	bo	30.24	+ .09	33	30	0	SSE	3	b	3	34	31	-	
The Helder ...	*	*	*	*	*	30.30	+ .09	27	25	- 1	SE	1	b	*	*	*	-	
Cape Gris Nez	30.12	32	S	2	b	30.22	+ .07	27	27	0	E	2	b	o	37	25	-	
Brest ...	30.03	46	SSE	3	bo	30.10	+ .08	36	32	- 7	SE	3	b	3	?	34	0.04	
L'Orient ...	30.05	44	S	3	bo	30.15	+ .09	36	31	- 5	ESE	4	b	3	45	32	0.04	
Rochefort ...	29.97	43	NE	4	b	30.02	- .01	30	28	- 6	ENE	5	b	3	46	32	-	
Biarritz ...																		
Corunna ...	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	30.27	+ .10	34	*	- 2	SE	1	b	*	*	*	-	
Charleville ...	*	*	*	*	*	30.14	00	25	*	0	NE	3	b	*	*	*	*	
Paris ...	30.08	32	NE	3	bo	30.17	+ .08	26	*	- 2	NE	3	b	*	*	*	-	
Lyons ...	*	*	*	*	*	30.01	+ .08	32	*	0	N	6	C	*	*	*	*	
Toulon ...	29.73	37	NSW	3	C	29.82	+ .16	41	34	+ 7	NSW	2	b	3	48	34	-	

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.04	36	34	SSE	8	5	6	Valencia	29.91	49	48	S	6	od	6
Thurso	29.75	49	47	S	1	o	1	Seilly							
Scarborough ...	30.04	38	33	SSW	4	o	4	London	30.12	37	33	ESE	2	bc	*
Greencastle ...	29.79	49	47	S	2	o	2	Rochefort ...	29.93	45	?	NE	3	bc	3
Holyhead	29.93	45	44	SSW	3	fd	2								

The barometer is falling in the NW. and N. and remains steady in the E. while at Valencia, it has risen briskly since noon. In the E. of Ireland, however, the winds continues S.W. and the sea is rising.

EXPLANATION OF COLUMNS.

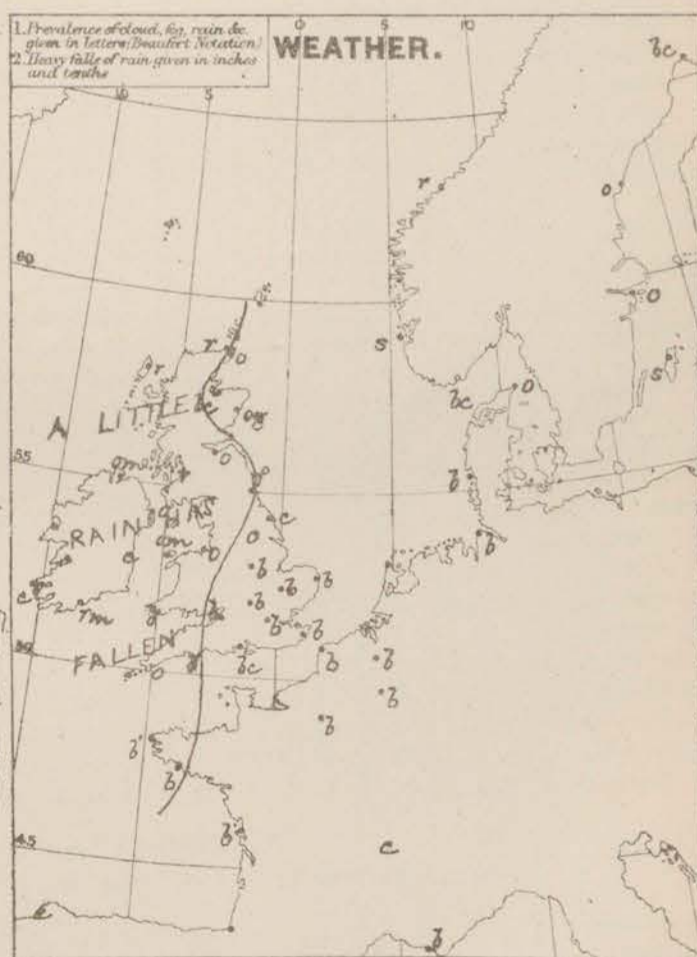
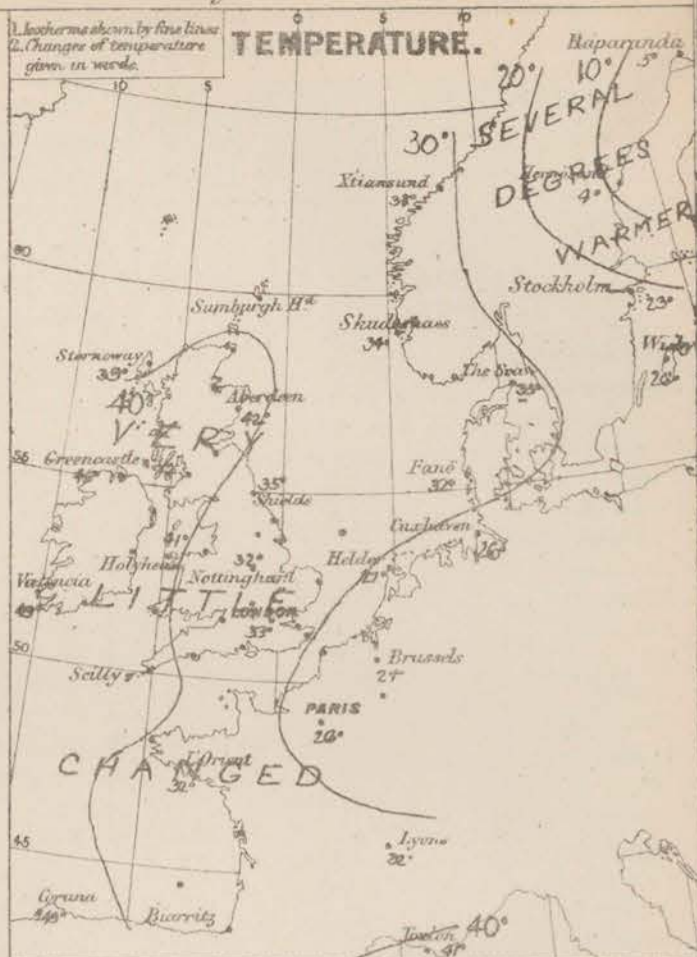
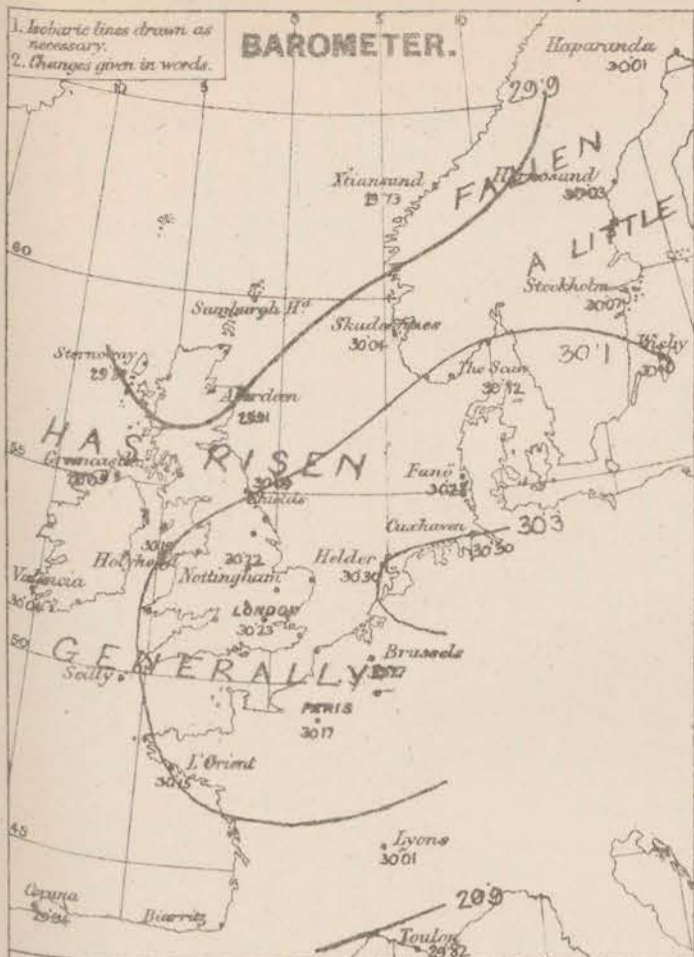
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 11th MARCH 1877.



REMARKS. The fall of the barometer which was in progress on our western coasts on Saturday morning ceased during the day, but in the evening a new and very brisk decrease set in at Valentia, accompanied by a backing and freshening of the wind, and a rising sea. These changes were caused by the advance of a small depression from the Atlantic, but, as the disturbance proved to be quite shallow, the violence of wind did not become general and the sea quickly subsided. The depression passed rapidly N^W during the night, and at present lies to the N^W of Scotland, so that the barometer is rising steadily in all parts of our Islands. The highest pressures still lie over the Netherlands and north Germany; and E^W winds are blowing over France, SE^W breezes in the south-east of England, and S^W winds over western and northern coasts. They are all, however, light or moderate in force. Temperature has changed very little in our Islands but has risen several degrees over the Baltic and Sweden. The weather has improved somewhat in the west but the sky is still overcast there, while in the south-east and over France it is quite clear. A little rain fell in the west yesterday. The sea is rather rough in the north-west and at the seaward, moderate or slight elsewhere. Transmissions were issued to our west, north and north-east coasts last evening.

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

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT

MARCH 12th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.88	12	NE	2	o	29.57	-.44	14	14	+ 9	SE	4	s	*	*	*	-	
Hernösand ...	29.67	14	SSW	6	o	29.31	-.72	28	28	+ 24	SW	2	o	*	*	*	-	
Stockholm ...	29.87	27	SSW	4	s	29.56	-.37	30	30	+ 7	SSW	6	s	*	*	*	0.04	
Wisby ...	30.00	28	S	6	o	29.77	-.33	30	30	+ 4	SW	8	s	*	*	*	0.04	
Christiansund ...																		
Skudesnaes ...	29.69	38	SSW	7	r	29.27	-.77	37	36	+ 3	SSE	6	rf	3	?	34	0.57	
Oxö (Xtiansand) ...	29.89	33	SW	6	ov	29.47	-.64	37	37	+ 2	SSW	6	r	3	?	32	-	
Skagen (The Scaw) ...	29.95	33	WSW	5	r	29.57	-.55	34	33	- 1	WSW	7	o	7	37	32	0.08	
Fanö ...	30.10	34	WSW	5	c	29.50	-.48	36	33	+ 4	SW	5	c	*	36	32	-	
Cuxhaven ...	30.26	43	SW	1	b	29.92	-.38	34	30	+ 5	SW	5	c	*	*	27	-	
Sumburgh Head ...																		
Stornoway ...	29.82	40	WSW	4	b	29.28	-.60	42	39	+ 3	WSW	7	phw	4	46	38	0.17	
Thurso ...	29.80	41	WSW	2	b	29.15	-.62	37	36	- 7	W	4	sgp	5	46	36	0.27	
Wick ...	29.80	43	W	3	b	29.16	-.65	41	38	- 4	WSW	4	cl	2	46	36	0.18	
Nairn ...	29.89	39	SW	1	o	29.34	-.58	40	38	- 6	W	4	r	3	47	38	0.19	
Aberdeen ...	29.89	42	WSW	1	b	29.30	-.61	43	39	+ 1	WSW	5	b	2	48	36	0.03	
Leith ...	29.94	43	WSW	3	b	29.43	-.54	45	44	+ 1	WSW	5	b	*	48	38	0.02	
Shields ...	30.01	42	SW	3	o	29.54	-.53	46	43	+ 11	W	7	c	2	46	35	-	
York ...	30.11	42	SSW	1	r	29.71	-.47	41	39	+ 8	WSW	6	o	*	46	32	0.01	
Scarborough ...	30.06	40	SW	4	r	29.66	-.57	42	39	+ 9	WSW	4	c	3	43	43	0.01	
Nottingham ...	30.15	41	SSW	2	o	29.80	-.42	43	40	+ 11	SSW	5	o	*	45	34	0.01	
Ardrossan ...	30.01	45	WSW	3	b	29.55	-.44	48	43	+ 3	WSW	6	c	4	48	42	0.11	
Greencastle ...	30.04	45	WSW	2	b	29.63	-.32	46	43	+ 1	WSW	5	o	*	49	39	0.20	
Donaghadee ...	30.05	43	W	3	b	29.67	-.35	45	44	+ 1	W	6	p	5	46	39	0.18	
Kingstown ...	30.10	45	WSW	4	r	29.87	-.23	47	44	+ 2	W	6	bog	5	49	41	0.13	
Holyhead ...	30.10	44	SSW	3	r	29.83	-.27	44	43	+ 3	SW	4	o	3	46	41	0.22	
Liverpool (Bidston) ...	30.09	43	SW	3	o	29.76	-.37	42	40	+ 8	WSW	5	o	4	45	34	0.04	
Valencia ...	30.19	47	W	2	b	30.03	-.01	49	38	o	W	4	ado	4	38	32	0.07	
Roche's Point... ..	30.16	49	WSW	5	r	29.99	-.04	47	45	- 2	W	4	c	4	33	45	0.18	
Pembroke ...	30.18	46	SSW	3	s	29.96	-.15	45	41	+ 3	W	6	o	4	48	38	0.06	
Portishead ...	30.19	44	ESE	2	b	29.94	-.23	42	41	+ 8	WSW	6	b	4	48	31	0.01	
Scilly ...																		
Plymouth ...	30.22	42	SE	1	o	30.06	-.08	44	43	+ 6	WSW	3	f	*	47	37	0.04	
Hurat Castle ...	30.25	39	S	2	b	30.00	-.20	44	44	+ 7	W	5	g	5	44	34	-	
Dover ...	30.24	34	E	2	b	30.02	-.22	39	37	+ 7	WSW	4	sgw	3	40	30	-	
London ...	30.22	37	SSE	1	b	29.96	-.27	40	39	+ 7	SW	4	o	*	43	31	-	
Oxford ...	*	*	*	*	*	29.92	-.30	42	41	+ 12	WSW	3	o	*	42	30	0.01	
Cambridge ...	30.20	34	S	1	b	29.91	-.34	38	38	+ 9	SSW	2	r	*	44	26	0.01	
Yarmouth ...	30.21	34	S	2	b	29.86	-.38	36	35	+ 3	SW	4	ov	*	36	31	0.02	
The Helder.. ..	*	*	*	*	*	29.93	-.37	36	34	+ 9	SW	5	c	*	*	*	-	
Cape Gris Nez ...	30.23	32	E	1	b	30.05		39	36		SW	5	o	4	?	27	-	
Brest ...	30.24	34	ENE	1	b	30.19	+ .09	40	41	+ 10	W	3	o	3	?	?	-	
L'Orient ...																		
Rocheport ...	30.10	42	NE	4	b	30.20	+ .18	34	32	+ 4	ENE	4	b	3	45	27	-	
Biarritz ...	30.04	48	WSW	1	b	30.24		30	28		ESE	3	b	2	?	27	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.11	-.16	30	*	+ 6	SW	6	o	*	*	*	-	
Charleville ...	*	*	*	*	*	30.15	+ .01	25	*	o	E	3	f	*	*	*	*	
Paris ...	30.21	34	NE	3	b	30.19	+ .02	31	*	+ 5	ENE	3	b	*	*	*	-	
Lyons ...	*	*	*	*	*	30.25	+ .24	26	*	- 6	N	2	b	*	*	*	*	
Toulon ...	29.90	39	W	4	b	30.03	+ .21	37	32	+ 4	WSW	3	b	4	48	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.83	36	36	SSE	6	rf	5	Valencia						
Thurso								Scilly						
Scarborough ...								London					*	
Greencastle ...							*	Rocheport ...	30.04	43	37	NE	5	3
Holyhead														

EXPLANATION OF COLUMNS.

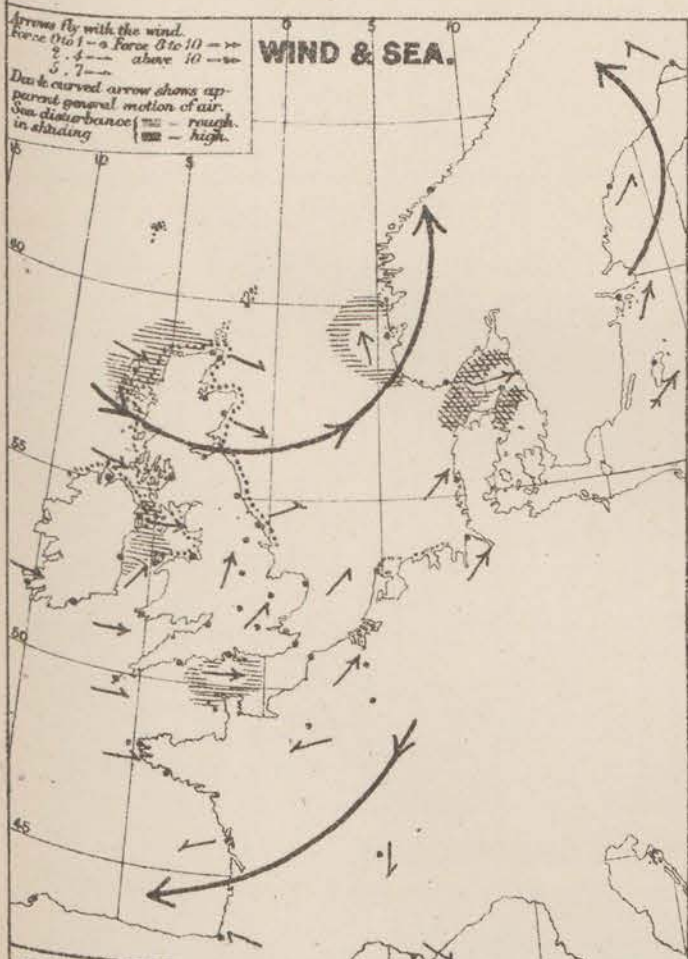
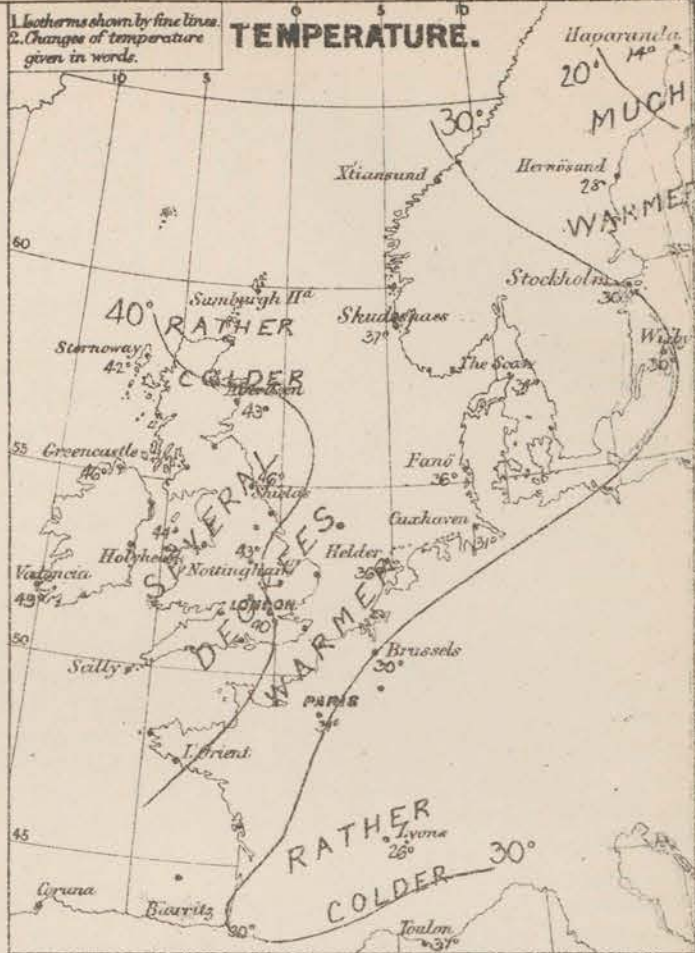
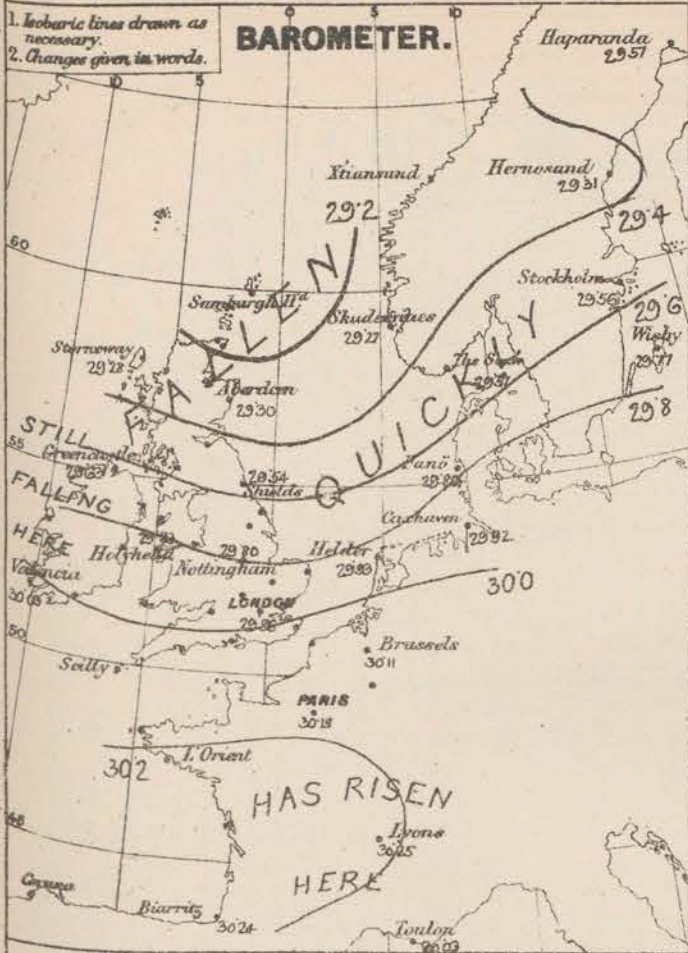
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 12th MARCH 1877.



DAILY WEATHER REPORT

MARCH 13th 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.			
			Dirco.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	29.28	18	SE	4	S	29.24	-33	19	19	+ 5	E	4	S	*	*	*	0.39		
Hernösand ...	29.45	32	SSW	4	o	29.02	-29	28	28	o	S	6	S	*	*	*	0.08.		
Stockholm ...	29.25	31	S	6	o	29.13	-43	31	31	+ 1	SSW	6	S	*	*	*	-		
Wisby ...	29.45	32	SW	8	o	29.25	-52	31	30	+ 1	SW	6	o	*	*	*	0.04		
Christiansund ...	28.68	38	SE	1	f	28.67	-36	32	32	o	SE	2	f	5	44	32	-		
Skudesnaes ...	28.88	37	SSW	6	r	28.96	-31	39	35	+ 2	W	6	of	5	39	37	-		
Oxö (Ålön) ...	28.99	37	WSW	6	f	28.93	-34	37	35	o	WSW	6	c	3	37	36	-		
Skagen (The Sea)	29.04	36	SW	5	r	29.00	-57	36	35	+ 2	WSW	4	o	4	36	30	0.16		
Fasö ...	29.22	36	WSW	6	c	29.19	-61	37	36	+ 1	W	5	bo	*	37	34	0.47		
Cuxhaven ...	29.57	41	WSW	8	S	29.27	-65	36	34	+ 5	WSW	2	bo	*	8	7	0.06		
Sumburgh Head																			
Stornoway ...	29.38	36	NN	9	c	29.47	+ 19	40	37	- 2	NN	6	c	7	44	33	0.46		
Thurso ...	29.11	39	NN	6	c	29.30	+ 15	41	38	+ 4	NN	6	bo	7	43	36	0.39		
Wick ...	29.11	38	NN	7	c	29.21	+ 15	38	36	- 3	NN	6	bo	1	43	34	0.24		
Nairn ...	29.26	39	NN	6	o	29.42	+ 12	36	34	- 4	NN	3	f	3	43	23	0.06		
Aberdeen ...	29.21	40	NN	5	f	29.37	+ 07	38	35	- 5	NN	4	f	2	46	36	0.04		
Leith ...	29.36	43	NN	5	c	29.57	+ 08	39	38	- 6	NN	3	bo	*	50	36	0.02		
Shields ...	29.43	41	NN	5	c	29.55	+ 01	40	38	- 6	NN	5	bo	2	49	38	0.03		
York ...	29.58	44	NN	6	f	29.63	- 08	43	40	+ 2	NN	4	o	*	57	38	0.09		
Scarborough ...	29.48	42	NN	4	f	29.62	- 10	43	39	+ 1	NN	4	c	4	49	40	0.09		
Nottingham ...	29.64	47	W	6	o	29.75	- 05	44	41	+ 1	NN	5	o	*	50	40	0.11		
Ardrossan ...	29.50	43	NN	7	c	29.60	+ 05	45	42	- 3	NN	5	c	4	48	41	0.33		
Greencastle ...	29.62	44	NN	6	c	29.71	+ 08	45	44	- 1	NN	5	og	*	50	40	0.30		
Donaghadee ...	29.65	43	NN	6	f	29.72	+ 05	44	44	- 1	NN	5	o	4	49	40	0.05		
Kingstown ...	29.74	47	NN	9	c	29.84	+ 03	47	45	o	NN	6	og	5	51	44	0.02		
Holyhead ...	29.73	47	NN	6	c	29.82	- 01	46	44	+ 2	WSW	4	omg	3	50	43	-		
Liverpool (Bidston)	29.62	44	W	8	o	29.74	- 02	44	41	+ 2	W	7	o	5	49	42	0.02		
Valencia ...	30.05	49	NN	5	c	30.14	+ 11	49	47	o	NN	4	bo	4	52	46	-		
Roche's Point...	29.94	49	NN	5	c	30.05	+ 06	50	47	+ 3	NN	5	f	4	52	46	-		
Pembroke ...	29.81	49	NN	6	o	29.93	- 03	48	46	+ 3	NN	5	o	4	49	44	-		
Portishead ...	29.99	47	W	5	bo	29.89	- 07	46	44	+ 4	NN	5	c	4	48	40	-		
Scilly ...																			
Plymouth ...	29.91	47	WSW	2	f	29.95	- 11	46	45	+ 2	NN	3	o	*	57	43	0.02		
Hurst Castle ...	29.80	48	W	5	o	29.89	- 11	46	46	+ 2	NN	5	o	4	48	42	0.01		
Dover ...	29.76	44	WSW	4	o	29.73	- 19	44	40	+ 5	NN	3	f	3	44	39	0.03		
London ...	29.72	48	W	3	o	29.78	- 18	45	41	+ 5	NN	4	c	*	49	40	-		
Oxford ...	*	*	*	*	*	29.81	- 11	45	42	+ 3	W	3	o	*	50	42	-		
Cambridge ...	29.67	47	NN	3	o	29.75	- 16	42	40	+ 4	NN	2	f	*	50	37	0.04		
Yarmouth ...	29.59	45	W	5	c	29.61	- 25	43	40	+ 7	NN	6	icg	3	46	35	0.03		
The Helder...	*	*	*	*	*	29.45	- 48	42	40	+ 6	NN	4	c	*	*	*	0.0		
Cape Gris Nez ...	29.76	45	SW	7	o	29.76	- 29	45	41	+ 6	NN	5	o	4	46	37	0.04		
Brest ...	30.08	50	NN	4	o	30.13	- 06	48	46	+ 2	NN	4	o	4	50	45	-		
L'Orient ...	30.12	48	NN	5	o	30.16	- 07	46	45	+ 12	NN	4	m	4	52	37	-		
Rocheport ...	30.17	45	NN	4	bo	30.11	- 09	48	46	+ 14	NN	4	o	3	48	27	0.05		
Biarritz ...	30.26	50	NN	1	bo	30.27	+ 03	43	37	+ 13	S	3	o	3	?	28	-		
Corunna ...	*	*	*	*	*									*	*	*	*		
Brussels ...	*	*	*	*	*	29.62	- 49	42	38	+ 12	NN	9	o	*	*	*	0.03		
Charleville ...	*	*	*	*	*	?	?	39	*	+ 14	W	3	o	*	*	*	*		
Paris ...	29.86	37	WSW	4	c	29.86	- 33	44	*	+ 13	NN	3	o	*	*	*	0.04		
Lyons ...	*	*	*	*	*	30.06	- 19	37	*	+ 11	SE	2	o	*	*	*	*		
Toulon ...	30.00	41	W	5	f	29.88	- 15	39	36	+ 2	NN	7	f	7	48	36	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	28.93	39	37	WSW	6	c	6	Valencia	30.03	50	47	NN	4	om	4
Thurso	29.10	43	40	NN	7	gts	6	Scilly							
Scarborough ...	29.49	49	45	NN	5	be	4	London	29.77	47	44	W	5	o	*
Greencastle ...	29.61	45	43	NN	5	og	*	Rocheport ...	30.19	46	43	NE	4	f	3
Holyhead	29.76	44	41	W	5	om	4								

The barometer continues to fall except at Valencia - most in the East. The wind is strong from NNW.

EXPLANATION OF COLUMNS.

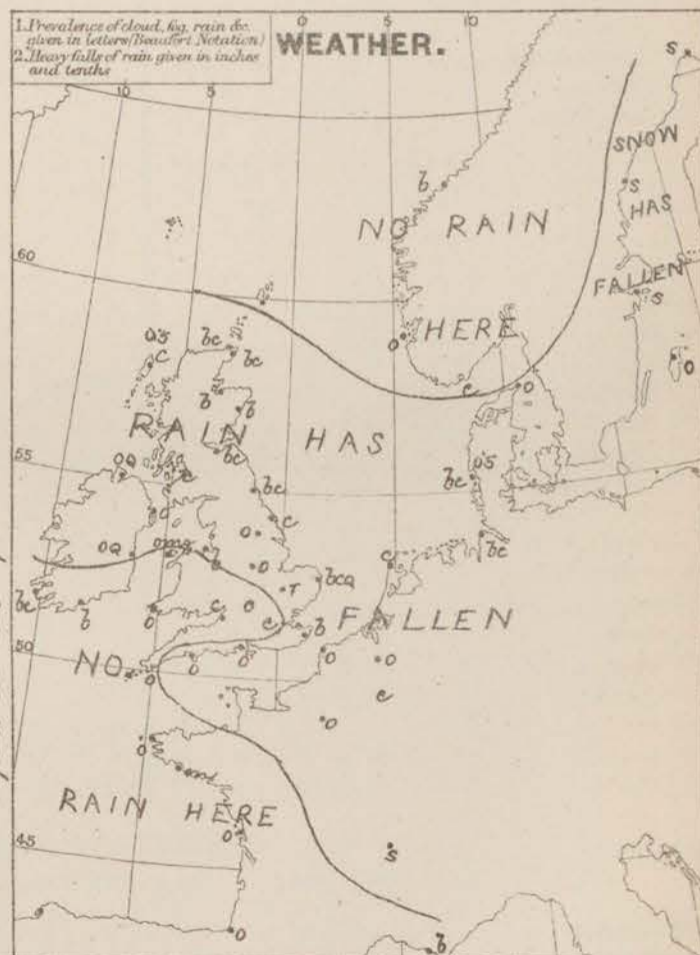
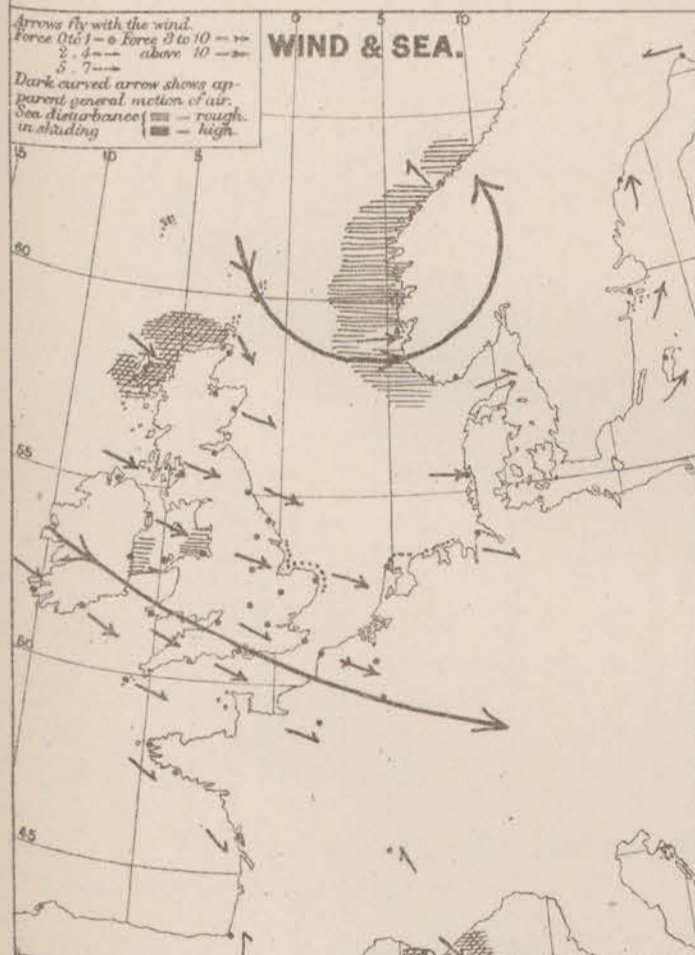
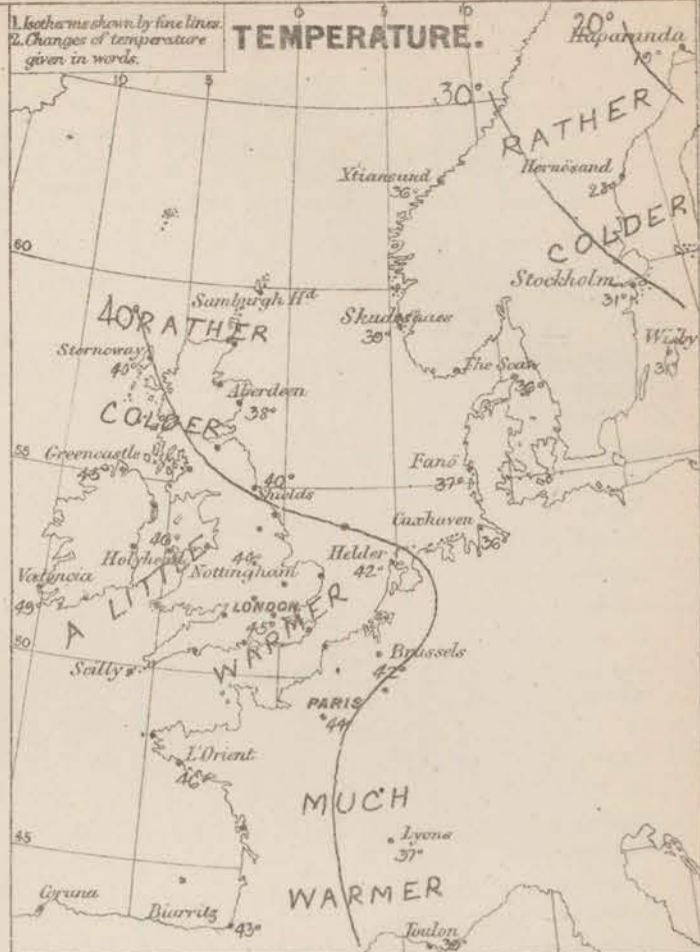
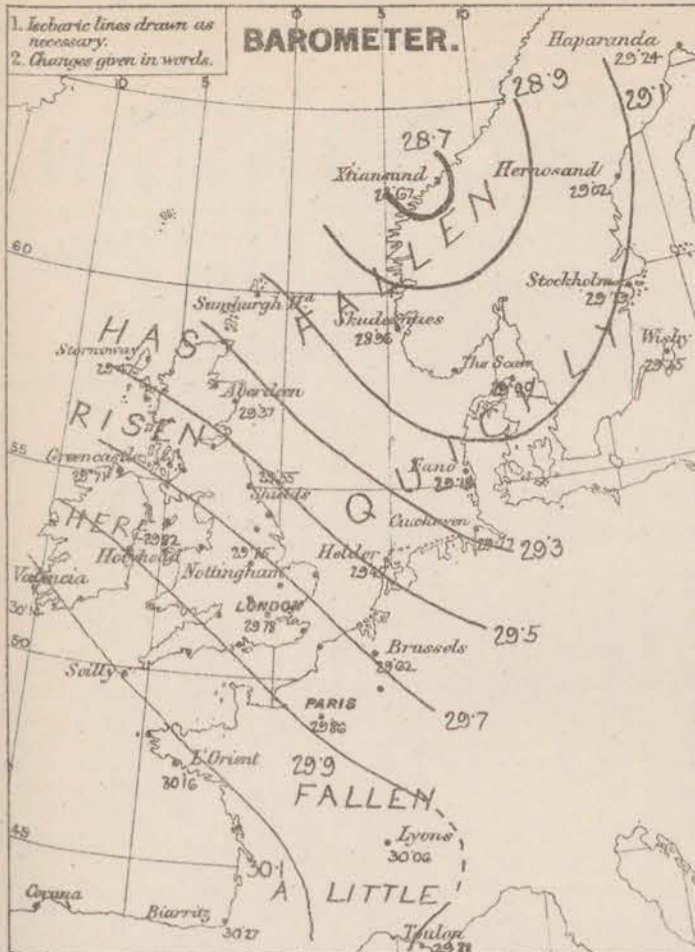
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 13th MARCH 1877.



REMARKS. A deep depression has advanced during the night to the neighbourhood of Christiansund causing a brisk fall of the barometer over the countries to the E. of the North Sea. In these Islands, however, and the west of France, a recovery has commenced, and a large area of high readings has been formed over South Western Europe. The barometer within this region is as high as 30.27 ins. while at the centre of the depression it is only 28.67 ins., so that steep gradients exist over the whole of Western Europe. In consequence the wind, which is WNW over these Islands and France, and W over the North Sea, is strong in force at all stations, and during yesterday and last night blew a moderate to hard gale on all but our south eastern and southern coasts. Temperature has not changed much over the greater part of our area but over southern England it has risen somewhat, and over France several degrees. The sky is cloudy in most places, and the weather is very unsettled and squally. The sea is high in the north, rough to moderate elsewhere.

DAILY WEATHER REPORT MARCH 14TH 1877.

STATIONS.	↑ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 350 f. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12.)		Reading at 350 f. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12.)			Max.	Min.		
Haparanda ...	29.41	28	S	2	5	29.49	+ .25	26	26	+ 7	SE	2	5	*	*	*	0.24	
Hernösand ...	29.24	32	S	2	0	29.27	+ .25	32	32	+ 4	S	4	5	*	*	*	-	
Stockholm ...	29.26	31	S	5	0	29.37	+ .24	32	32	+ 1	S	6	f	*	*	*	-	
Wisby ...	29.41	31	S	6	0	29.49	+ .24	33	32	+ 2	SSE	6	0	*	*	*	0.04	
Christiansund ...	29.84	37	SW	5	r	28.91	+ .25	36	34	0	E	3	0	5	39	30	-	
Skudesnaes ...	29.25	39	NW	7	r	29.14	+ .18	38	38	- 1	SSE	6	of	5	39	?	0.16	
Oxö (Klansand) ...	29.86	39	NW	4	6	29.32	+ .39	37	35	0	WSW	4	0	2	41	36	-	
Skagen (The Seaw.) ...	29.19	36	N	4	6	29.31	+ .31	36	34	0	NNW	2	c	2	39	32	-	
Fanö ...	29.44	36	N	6	6	29.34	+ .35	38	37	+ 1	WSW	4	c	*	39	36	-	
Cuxhaven ...	29.40	42	NNW	3	r	29.60	+ .33	36	36	0	N	3	0	*	?	?	0.19	
Sumburgh Head																		
Stornoway	29.43	44	WSW	5	6	29.44	- .03	38	36	- 2	NNW	10	chs	7	47	36	0.29	
Thurso ...	29.57	41	N	4	r	29.27	- .03	41	39	0	WNW	7	pg	6	47	38	0.22	
Wick ...	29.52	39	N	4	0	29.30	- .01	37	35	- 1	N	8	r	3	46	35	0.09	
Nairn ...	29.56	43	NNW	2	6	29.44	+ .02	41	39	+ 5	NNW	6	0	3	45	?	0.02	
Aberdeen ...	29.58	43	NN	3	c	29.41	+ .04	42	38	+ 4	NNW	6	6	2	49	38	0.03	
Leith ...	29.60	48	NNW	2	c	29.60	+ .09	44	43	+ 5	NN	4	6	*	52	38	-	
Shields ...	29.68	47	NN	3	c	29.60	+ .05	48	43	+ 8	NNW	8	c	2	50	40	-	
York ...	29.75	48	NNW	2	0	29.71	+ .08	49	46	+ 6	N	4	0	*	50	41	0.01	
Scarborough ...	29.71	45	NNW	1	6	29.67	+ .11	48	46	+ 5	N	2	c	2	49	42	-	
Nottingham ...	29.83	49	NN	4	0	29.82	+ .07	50	46	+ 6	N	3	0	*	50	43	-	
Ardrossan ...	29.71	49	NNW	4	0	29.70	+ .10	46	41	+ 1	NNW	6	gru	4	50	45	0.05	
Greencastle ...	29.79	57	N	5	0	29.76	+ .05	44	41	- 1	NNW	5	c	*	54	42	0.21	
Donaghadee ...	29.80	58	NNW	6	c	29.70	+ .08	46	44	+ 2	NNW	6	beg	5	52	43	0.04	
Kingstown ...	29.91	54	NN	7	6	29.90	+ .06	49	47	+ 2	NNW	6	c	5	55	46	0.01	
Holyhead ...	29.90	50	NNW	5	0	29.90	+ .08	48	47	+ 2	WSW	4	c	4	52	45	0.02	
Liverpool (Bidston) ...	29.82	46	N	5	0	29.79	+ .05	47	45	+ 3	N	8	6	5	48	44	0.27	
Valencia ...	30.17	37	NNW	5	c	30.12	- .02	38	48	+ 1	N	4	0	4	58	47	-	
Roche's Point...	30.12	32	NN	5	6	30.14	+ .09	38	47	0	N	4	6	3	55	46	-	
Pembroke ...	29.97	37	NNW	6	6	30.02	+ .09	48	46	0	NNW	6	6	4	57	46	-	
Portishead ...	29.92	30	N	4	c	29.95	+ .08	47	45	+ 1	WSW	6	beg	5	54	43	-	
Scilly ...																		
Plymouth ...	30.06	52	NN	4	6	30.09	+ .14	48	47	+ 2	N	4	0	*	57	45	-	
Hurst Castle ...	29.90	32	NN	5	0	30.00	+ .11	49	48	+ 3	NNW	4	0	3	52	43	-	
Dover ...	29.81	46	NNW	3	0	29.90	+ .17	45	44	+ 1	WSW	2	6	2	50	43	0.12	
London ...	29.84	48	N	2	0	29.91	+ .13	49	46	+ 4	NNW	4	6	*	49	45	0.04	
Oxford ...	*	*	*	*	*	29.92	+ .11	49	46	+ 4	N	2	c	*	57	45	0.09	
Cambridge ...	29.80	47	NN	2	0	29.85	+ .10	46	45	+ 4	WSW	1	0	*	49	41	0.04	
Yarmouth ...	29.72	43	NN	5	c	29.76	+ .15	46	45	+ 3	NNW	4	cm	3	47	41	0.09	
The Helder...	*	*	*	*	*	29.71	+ .26	43	42	+ 1	SW	2	r	*	*	*	-	
Cape Gris Nez	29.83	46	NNW	5	r	29.91	+ .15	46	45	+ 1	N	4	6	3	48	43	0.20	
Brest ...	30.23	52	NN	4	6	30.25	+ .12	50	46	+ 2	NN	3	m	3	52	45	-	
L'Orient ...	30.23	50	NN	4	m	30.25	+ .09	48	46	+ 2	NN	3	c	4	54	45	-	
Rochefort ...	30.15	50	NN	5	6	30.20	+ .09	48	46	+ 2	NN	4	6	3	55	37	-	
Biarritz ...	30.27	52	WSW	3	0	30.31	+ .04	48	46	+ 5	N	3	r	4	54	39	0.12	
Corunna ...	*	*	*	*	*									*	*	*	*	
Brusselsa ...	*	*	*	*	*	29.85	+ .23	44	*	+ 2	WSW	3	f	*	*	*	0.08	
Charleville ...	*	*	*	*	*	29.86	?	39	*	0	SW	3	m	*	*	*	*	
Paris ...	29.87	50	NNW	4	0	30.02	+ .16	48	*	+ 4	NNW	3	0	*	*	*	0.04	
Lyons ...	*	*	*	*	*	30.16	+ .10	46	*	+ 9	NN	2	f	*	*	*	*	
Toulon ...	29.78	48	NN	9	6	29.94	- .04	48	43	+ 9	NN	7	c	7	50	36	-	

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.14	39	37	NNN	6	c	4	Valencia	30.17	53	50	NNN	5	cg m	5
Thurso	29.47	43	40	NN	5	c	6	Scilly							
Scarborough ...	29.62	49	44	NN	4	c	4	London	29.80	49	46	N	5	of	*
Greencastle ...	29.76	52	50	N	5	0	*	Rocheport ...	30.13	50	48	NN	5	c	3
Holyhead	29.91	57	49	N	5	om	5								

The barometer is now rising in all parts of these Islands met in the NE. of Scotland, and the winds are somewhat lighter.

EXPLANATION OF COLUMNS.

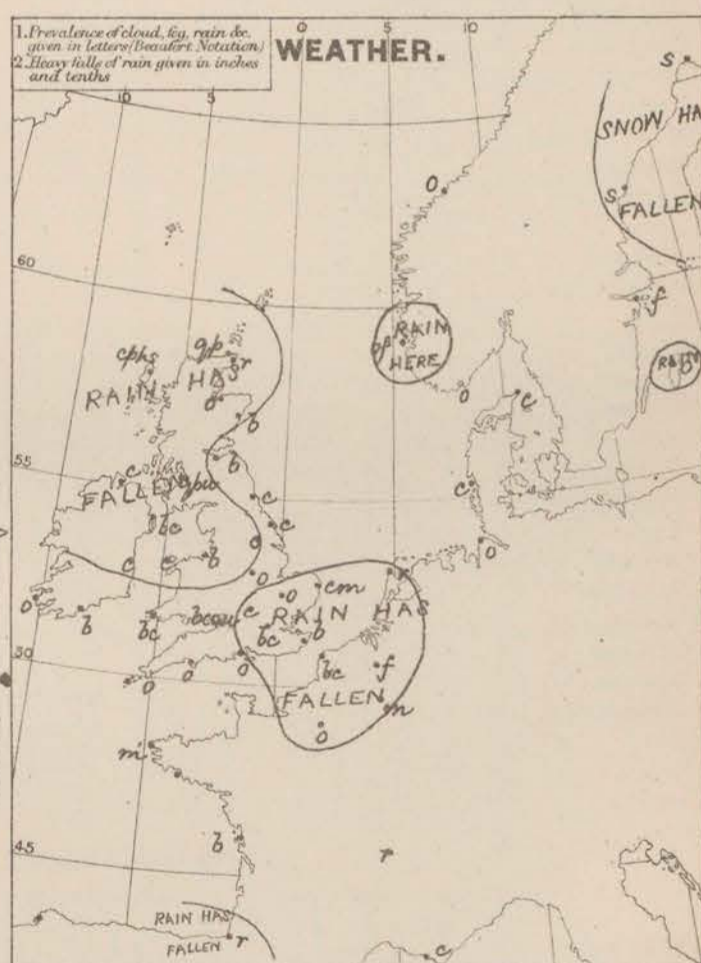
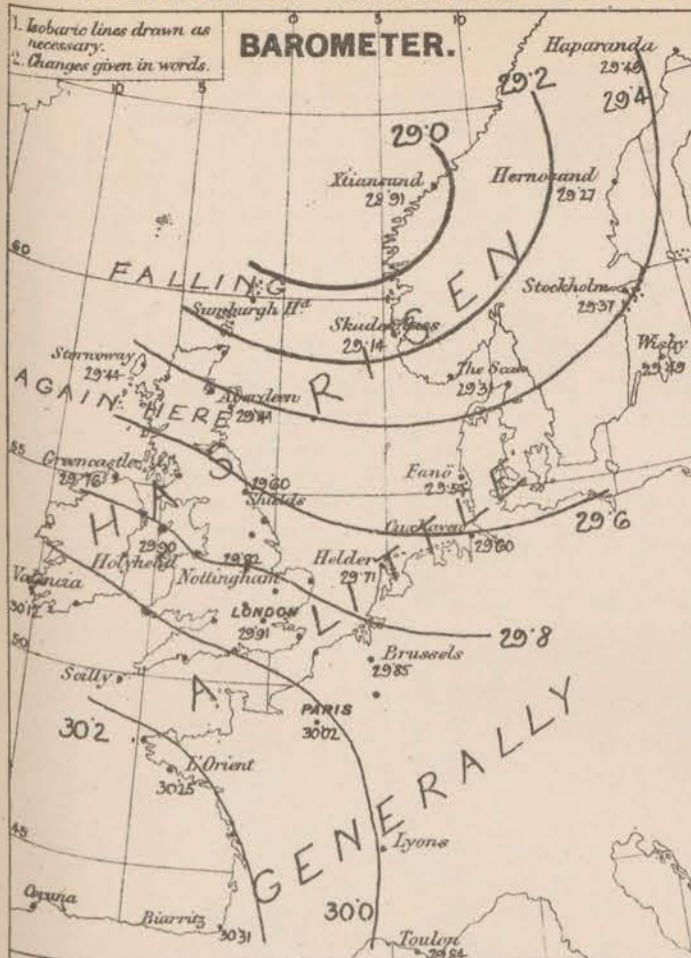
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Wednesday 14TH MARCH 1877.



Note: A dotted line is drawn round those coasts which were warned last evening.

REMARKS. The barometer has risen since yesterday morning in nearly all parts of Western Europe, but during the past night a fresh but slight decrease has set in at all our more northern stations, as well as in the west of Norway. The depression which lay near Christianmünd has apparently remained almost stationary, the lowest reading being still reported from that station this morning: it is, however, filling up, and gradients are not so steep as they were yesterday. Over England the distribution of pressure seems to be complicated by the presence of some slight subsidiary disturbances, and the wind has backed to W. or W.S.W. over the southern parts of that country but at all the more northern and western stations it continues N.W., and in the north of Scotland as well as at Shields blows a fresh to hard gale. At Norway and Wick the gale has been very strong during the night. Temperature has risen generally. Rain has fallen at our northern and north western stations, and the weather this morning continues in a very squally and unsettled state. The sky is cloudy. The sea runs high in the north of Scotland, is rough in the Irish Sea and off the west coast of Norway, moderate elsewhere.

Farnings were issued to our north west, north and north east coasts last evening.

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

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

R.H. SCOTT.
Director.

Dangerfield, 11th 22 Bedford St., Covent Garden.

DAILY WEATHER REPORT

MARCH 15TH 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Weather.	Sea. (0 to 9.)	SHADE TEMP.		
			Dirco.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).				Max.	Min.	Amount of Rainfall.
Haparanda ...	29.49	24	Z	0	0		29.62	+ .13	19	19	- 7	SE	2	s	*	*	*	*	0.20
Hernösand ...	29.24	32	S	6	0		29.29	+ .02	25	24	- 7	SE	6	s	*	*	*	*	0.16
Stockholm ...	29.21	33	S	6	0		29.18	- .19	31	30	- 1	SE	6	s	*	*	*	*	0.04
Wisby ...	29.32	30	S	3	0		29.12	- .37	32	31	- 1	SSE	6	s	*	*	*	*	0.20
Christiansund ...	28.73	39	SSE	3	0		28.82	- .07	35	36	+ 1	SSW	5	o	*	43	34	-	
Skudesnaes ...	29.13	37	NNW	7	0		29.29	+ .15	36	33	- 2	NNW	7	bc	*	4	39	?	-
Oxö (Xtiansand) ...	29.13	36	N	7	0		29.24	- .08	36	32	- 1	N	4	bc	*	3	41	34	-
Skagen (The Sea) ...	29.13	36	NNW	6	0		29.16	- .15	37	32	+ 1	NNW	8	0	*	8	39	34	0.08
Fanö ...	29.44	36	NWSW	8	0		29.49	- .05	38	37	0	N	5	c	*	*	41	34	0.16
Cuxhaven ...	29.59	40	N	7	5		29.58	- .02	39	37	+ 3	N	6	bc	*	*	2	36	0.04
Sumburgh Head																			
Stornoway	29.58	38	NNW	8	bc		29.48	+ .04	35	34	- 3	NNW	4	s	*	5	42	33	0.18
Thurso ...	29.44	37	NNW	8	0		29.44	+ .17	34	33	- 7	N	6	sp	*	6	44	27	0.53
Wick ...	29.45	37	NNW	7	0		29.44	+ .14	35	34	- 2	N	4	s	*	1	43	32	0.17
Nairn ...	29.56	35	NWSW	8	r		29.52	+ .05	35	32	- 6	NWSW	1	bc	*	3	43	32	0.29
Aberdeen ...	29.57	39	NNW	5	s		29.53	+ .12	37	33	- 5	N	3	bc	*	1	46	33	0.07
Leith ...	29.68	42	NNW	4	bc		29.63	+ .03	39	38	- 5	NWSW	4	c	*	*	37	35	-
Shields ...	29.72	45	NNW	6	0		29.72	+ .12	41	38	- 7	NWSW	3	c	*	2	38	36	-
York ...	29.80	46	NNW	5	0		29.82	+ .11	40	39	- 9	SW	2	bc	*	*	32	38	0.01
Scarborough ...	29.75	45	NNW	5	0		29.78	+ .11	40	39	- 8	N	1	c	*	1	37	38	-
Nottingham ...	29.88	47	NNW	6	bc		29.89	+ .07	43	41	- 7	SW	2	o	*	*	55	39	-
Ardrossan ...	29.78	44	NNW	7	0		29.70	00	42	40	- 4	SW	4	r	*	4	49	41	0.10
Greencastle ...	29.85	44	N	3	0		29.71	- .05	41	40	- 3	NWSW	2	o	*	*	49	37	0.18
Donaghadee ...	29.87	42	NNW	5	0		29.79	- .01	40	39	- 6	NWSW	4	bc	*	3	49	36	0.02
Kingstown ...	29.95	49	NNW	4	bc		29.90	00	43	40	- 6	N	4	c	*	3	57	42	0.01
Holyhead ...	29.94	47	N	3	c		29.89	- .01	44	43	- 4	NWSW	3	c	*	3	57	43	0.01
Liverpool (Bidston) ...	29.88	45	N	6	0		29.65	+ .06	42	40	- 5	N	4	bc	*	3	48	41	-
Valencia ...	30.13	49	NN	4	c		30.00	- .12	47	45	- 3	N	3	c	*	4	55	44	0.06
Roehe's Point ...	30.16	54	NN	5	bc		29.99	- .15	46	43	- 4	N	3	bc	*	3	55	43	0.02
Pembroke ...	30.01	49	NNW	5	0		29.99	- .03	46	44	- 2	NNW	4	c	*	3	49	45	-
Portishead ...	29.97	48	N	4	bc		29.98	+ .03	44	42	- 3	NWSW	3	o	*	2	50	39	-
Scilly ...																			
Plymouth ...	30.08	52	NNW	4	0		30.05	- .04	47	46	- 1	N	3	om	*	*	59	45	-
Hurst Castle ...	29.99	51	NNW	4	0		30.10	00	46	45	- 3	NNW	4	o	*	3	53	42	-
Dover ...	29.92	48	NWSW	3	0		29.95	+ .05	43	41	- 2	NWSW	2	bc	*	1	54	41	0.06
London ...	29.91	53	N	3	0		29.96	+ .05	42	40	- 7	NWSW	2	c	*	*	54	37	-
Oxford ...							29.95	+ .03	42	40	- 7	N	2	o	*	*	55	39	-
Cambridge ...	29.90	46	NNW	1	0		29.91	+ .06	42	41	- 4	NWSW	1	o	*	*	57	37	0.01
Yarmouth ...	29.81	48	NNW	4	bc		29.85	+ .09	41	40	- 5	N	3	bc	*	*	53	36	-
The Helder ...							29.78	+ .07	42	40	- 1	N	4	c	*	*			-
Cape Gris Nez	29.92	46	N	5	0		29.95	+ .04	45	43	- 1	N	3	c	*	3	50	43	-
Brest ...	30.24	54	NNW	3	bc		30.18	- .07	48	46	- 2	NNW	2	bc	*	3	?	45	-
L'Orient ...	30.24	50	NNW	4	c		30.20	- .05	46	46	- 2	NNW	3	c	*	4	54	45	-
Rochefort ...	30.21	52	NNW	4	0		30.17	- .03	46	46	- 4	NNW	3	o	*	3	57	37	0.04
Biarritz ...	30.31	?	NWSW	3	0		30.22	- .09	50	46	+ 2	SSEW	1	o	*	3	54	45	0.04
Corunna ...																			
Brussels ...							29.93	+ .08	42		- 2	N	1	bc	*	*	*	*	0.22
Charleville ...							29.92	+ .06	41		+ 2	NWSW	1	o	*	*	*	*	
Paris ...	30.04	50	NNW	3	0		30.05	+ .03	48		0	N	3	o	*	*	*	*	
Lyons ...							30.19	+ .03	50		+ 4	N	2	a	*	*	*	*	
Toulon ...	29.92	54	NNW	6	0		29.95	+ .11	44	41	- 2	NNW	7	bc	*	7	59	?	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.09	39	36	N S W	6	0	5	Valencia ...	30.13	53	57	N N W	3	0	3
Thurso	29.37	36	35	N N W	9	59 p	8	Scilly							
Scarborough ...	29.79	37	45	N W	6	6	5	London	29.90	53	58	N S W	2	0	4
Greencastle ...	29.82	46	42	N W	5	0	*	Rochefort ...	30.21	54	52	N W	4	6	3
Holyhead	29.93	49	46	N	4	2	3								

The barometer is not changing much, but has risen slightly in the N. A hard NW gale still holds in the N. of Scotland with a very high sea.

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.

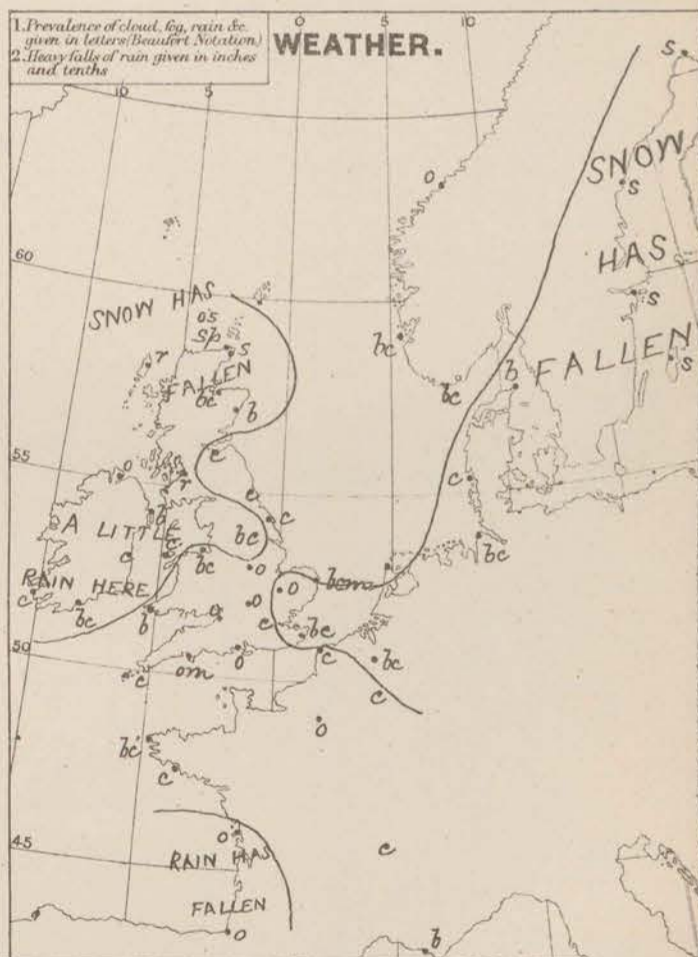
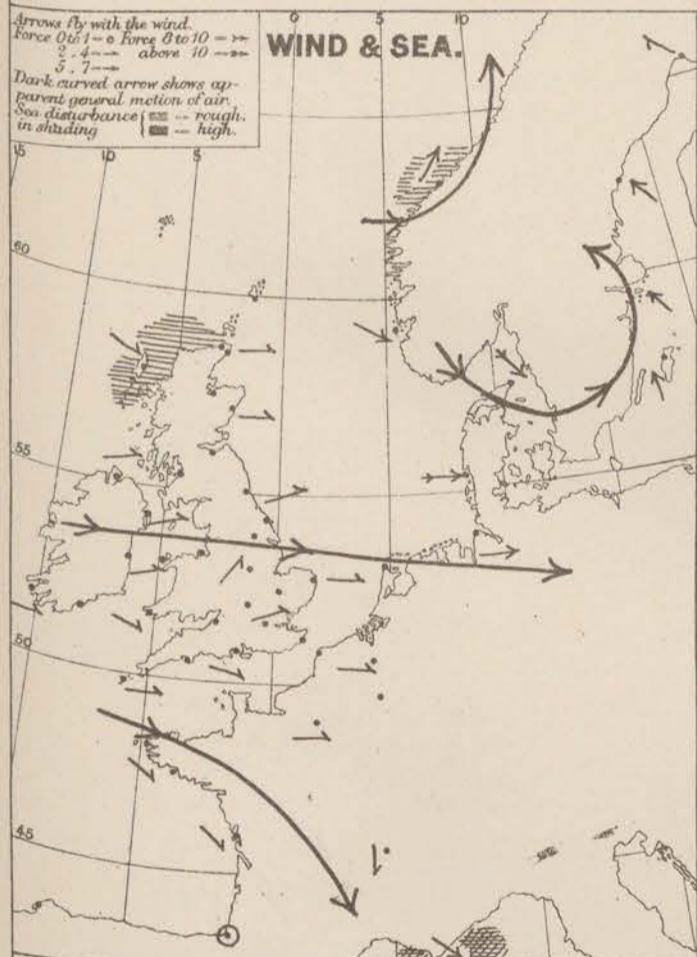
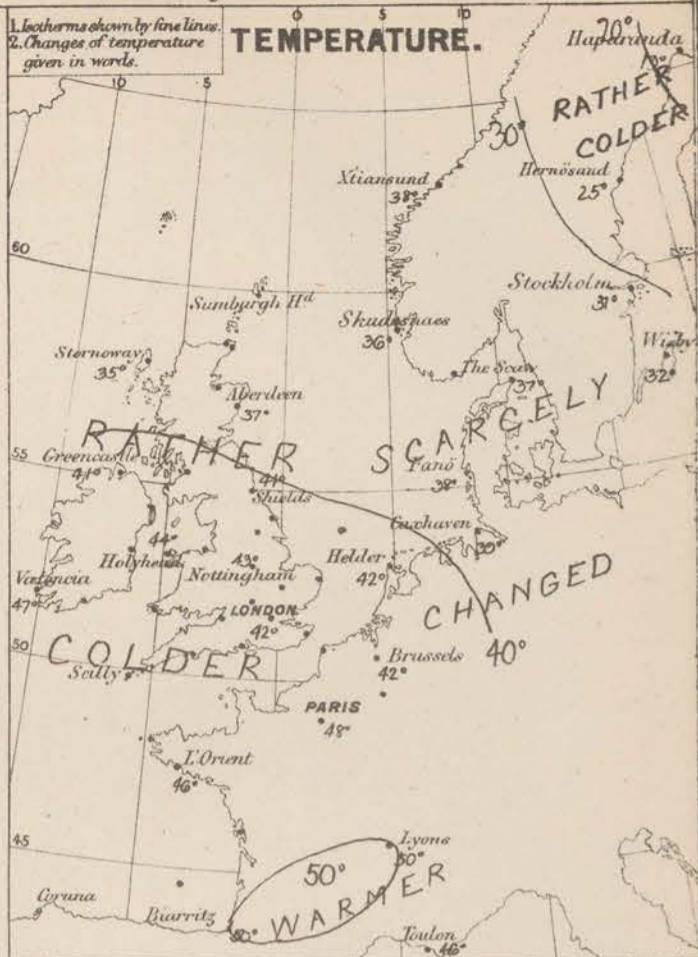
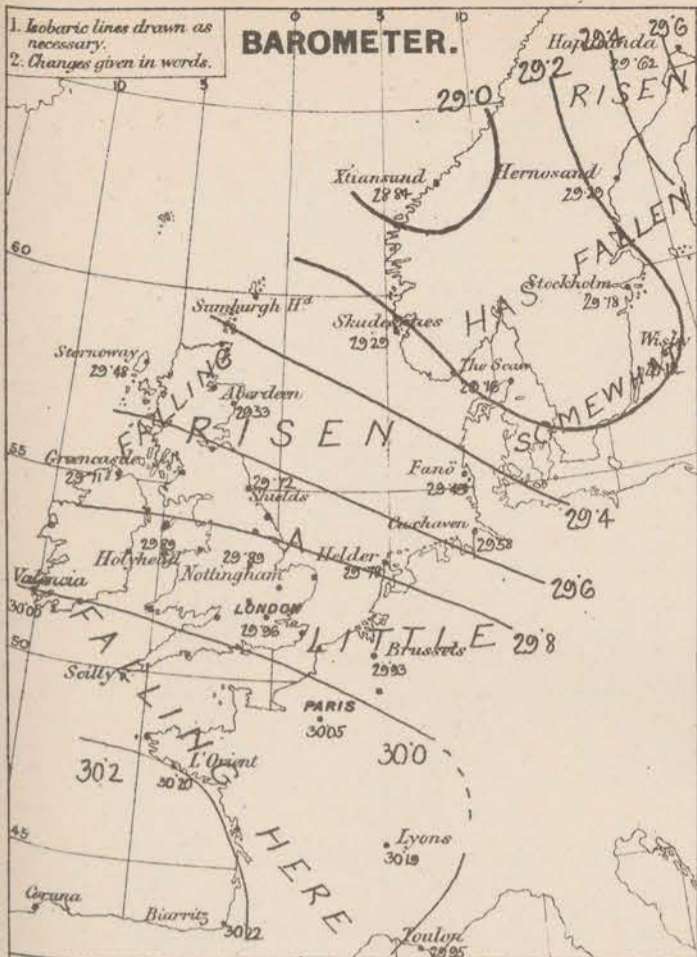
* AN ASTERISK is inserted in all places for which information is not usually received.

† 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 15th MARCH 1877.



REMARKS. During yesterday a slight increase of pressure took place in all parts of the British Isles but this has now passed on to the eastern shores of the North Sea, and the barometer has fallen since last evening at all the western and northern stations. The changes are, however, nowhere very great, and the region of highest readings still lies over the Bay of Biscay, and that of lowest over Scandinavia. The wind has backed to west except in the west of France, and has decreased considerably in force, moderate to light breezes only being reported this morning except in Denmark, where a fresh gale is blowing. The gale in the north of Scotland ended at about two pm. Temperature has fallen a few degrees in nearly all places. The weather is cloudy or overcast generally, and snow is falling in the north of Scotland. The sea is rough in the extreme north, slight elsewhere.

The warning signals have been lowered in the north west, north and north east this morning

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

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

R. H. SCOTT.
Director.

Dangerfield Loh #2 Bedford St. Crown Garden.

DAILY WEATHER REPORT MARCH 16th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 32° F. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.71	11	Z	0	b	29.74	+ .12	15	15	-	4	NE	2	o	*	*	*	0.04
Hernösand ...	29.49	15	SE	2	o	29.52	+ .23	32	31	+	7	E	4	o	*	*	*	0.04
Stockholm ...	29.24	20	ENE	6	3	29.31	+ .13	17	16	-	14	NE	2	bc	*	*	*	0.04
Widby ...	29.15	21	WSW	6	o	29.28	+ .16	32	27	o	NNE	4	o	*	*	*	-	
Christiansund ...	29.12	35	WSW	3	o	29.19	+ .35	32	32	-	6	SSW	1	6	5	37	28	-
Skudesnaes ...	29.28	35	WSW	1	o	29.44	- .15	33	30	-	3	ENE	2	o	2	?	?	-
Oxö (Klansund) ...	29.31	35	W	4	b	29.15	- .09	36	?	-	10	NE	6	o	4	39	25	-
Skagen (The Sea) ...	29.28	35	WSW	5	b	29.17	+ .10	34	23	-	3	Z	o	1	39	28	-	
Fanö ...	29.47	36	W	14	bc	29.16	- .33	38	37	-	WSW	4	o	*	41	36	0.39	
Cuxhaven ...	29.40	46	W	5	7	29.29	- .29	40	40	+	1	W	5	bc	*	41	37	0.12
Sumburgh Head ...	29.29	35	WSW	2	o	29.20	- .28	32	32	-	3	NNW	1	5	4	38	28	0.23
Thurso ...	29.28	36	W	3	o	29.16	- .28	33	32	-	1	WSW	1	cm	3	43	29	0.06
Wick ...	29.25	35	W	3	bc	29.17	- .27	32	30	-	3	SW	1	6	0	43	28	0.04
Nairn ...	29.37	36	WSW	1	bc	29.12	- .40	32	31	-	3	WSW	1	6	2	41	30	0.09
Aberdeen ...	29.33	39	WSW	2	bc	29.20	- .33	34	30	-	3	W	2	6	1	46	32	-
Leith ...	29.40	39	W	4	7	29.27	- .36	34	32	-	5	WSW	3	bc	*	47	31	0.11
Shields ...	29.49	43	W	5	7	29.36	- .42	36	34	-	5	W	2	cm	2	49	32	0.05
York ...	29.58	44	W	3	6	29.38	- .44	34	33	-	4	WSW	3	6	*	50	31	0.08
Scarborough ...	29.55	44	W	3	6	29.35	- .43	36	34	-	4	W	3	6	2	48	33	0.04
Nottingham ...	29.67	44	SW	3	bc	29.48	- .41	38	36	-	5	SW	3	6	*	53	32	0.01
Ardrossan ...	29.46	39	W	3	7	29.30	- .40	33	32	-	9	WSW	1	8	2	45	31	0.32
Greencastle ...	29.44	36	W	4	5	29.34	- .37	34	32	-	7	WSW	2	o	*	47	31	0.35
Donaghadee ...	29.54	40	WSW	5	6	29.38	- .41	33	32	-	7	NNW	5	6	4	46	31	0.03
Kingstown ...	29.64	42	W	4	bc	29.51	- .39	36	33	-	7	W	4	bc	4	48	34	0.03
Holyhead ...	29.64	45	SW	5	6	29.48	- .41	39	36	-	5	W	5	o	4	48	37	0.08
Liverpool (Bidston) ...	29.40	44	WSW	6	o	29.44	- .41	37	34	-	5	W	6	o	4	48	34	0.10
Valencia ...	29.44	45	W	5	6	29.65	- .35	40	35	-	7	WSW	5	cm	5	51	36	0.05
Rochester Point ...	29.83	49	WSW	5	bc	29.65	- .34	37	34	-	9	WSW	5	bc	4	52	35	-
Pembroke ...	29.76	48	W	5	bc	29.59	- .40	41	37	-	5	WSW	7	bc	5	50	39	0.02
Portishead ...	29.79	45	SW	4	7	29.66	- .32	39	37	-	5	W	4	bc	3	52	36	0.04
Scilly ...	29.88	50	WSW	4	7	29.68	- .37	42	41	-	5	WSW	3	bc	*	54	40	0.04
Plymouth ...	29.91	48	W	5	o	29.63	- .37	43	42	-	3	WSW	5	o	4	48	40	0.02
Hurst Castle ...	29.90	45	W	3	6	29.60	- .35	42	40	-	1	WSW	3	bc	2	50	41	0.04
Dover ...	29.78	44	W	3	o	29.58	- .38	43	39	+	1	WSW	4	bc	*	52	40	0.02
Oxford ...	29.56	40	W	3	o	29.56	- .39	40	38	-	2	WSW	2	o	*	51	39	-
Cambridge ...	29.74	44	W	1	o	29.52	- .39	39	36	-	3	WSW	1	o	*	51	38	0.02
Yarmouth ...	29.70	45	WSW	2	o	29.48	- .37	38	38	-	1	W	4	cm	2	48	35	0.02
The Helder ...	29.41	41	W	3	6	29.41	- .37	41	37	-	1	W	5	bc	*	*	*	-
Cape Gris Nez ...	29.83	46	WSW	4	o	29.61	- .34	43	39	-	2	W	5	o	4	45	41	0.08
Brest ...	29.85	55	W	2	o	29.82	- .36	44	43	-	2	WSW	3	o	4	?	43	0.08
L'Orient ...	29.86	46	W	3	o	29.79	- .35	44	45	-	1	WSW	3	cm	3	44	45	-
Rochefort ...	29.85	52	W	3	6	29.86	- .31	48	48	+	2	W	3	7	3	56	39	-
Biarritz ...	29.84	55	W	4	6	29.77	- .25	48	43	-	3	S	2	o	3	55	43	-
Corunna ...	29.87	54	WSW	7	6	29.91	- .04	48	45	+	2	WSW	4	6	4	59	45	-
Brussels ...	29.59	44	W	3	o	29.59	- .34	44	40	+	2	SW	6	o	*	*	*	0.11
Charleville ...	29.67	45	W	3	o	29.67	- .35	45	40	+	4	WSW	3	o	*	*	*	-
Paris ...	29.96	49	WSW	3	o	29.75	- .30	47	40	-	1	SW	3	o	*	*	*	-
Lyons ...	29.98	48	W	3	o	29.98	- .21	43	40	-	5	E	2	f	*	*	*	-
Toulon ...	29.87	54	WSW	7	6	29.91	- .04	48	45	+	2	WSW	4	6	4	59	45	-

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...	29.30	38	36	5	1	c	3	Valencia	29.91	48	45	W	bag	5
Thurso	29.36	40	35	W	5	c	5	Scilly						
Scarborough ...	29.65	47	43	W	4	ch	2	London	29.86	50	44	W	3	o
Greencastle ...	29.50	44	43	W	3	o	*	Rochefort ...	29.13	50	48	W	3	be
Holyhead	29.77	46	43	SW	4	cp	3							

Pressure has decreased slowly everywhere. The winds have backed slightly in Wales.

EXPLANATION OF COLUMNS.

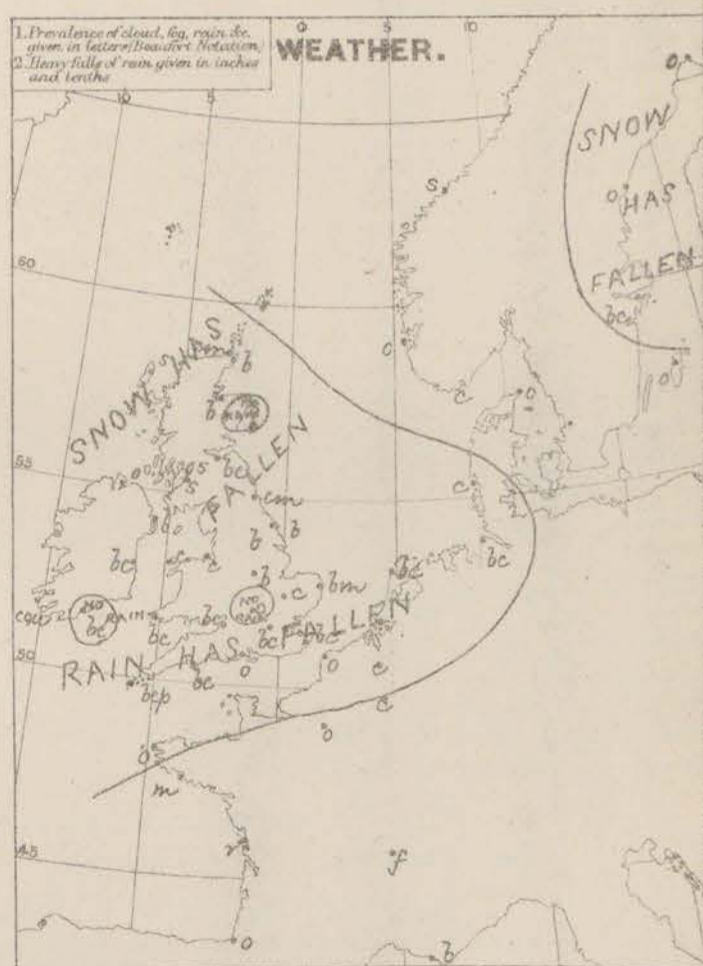
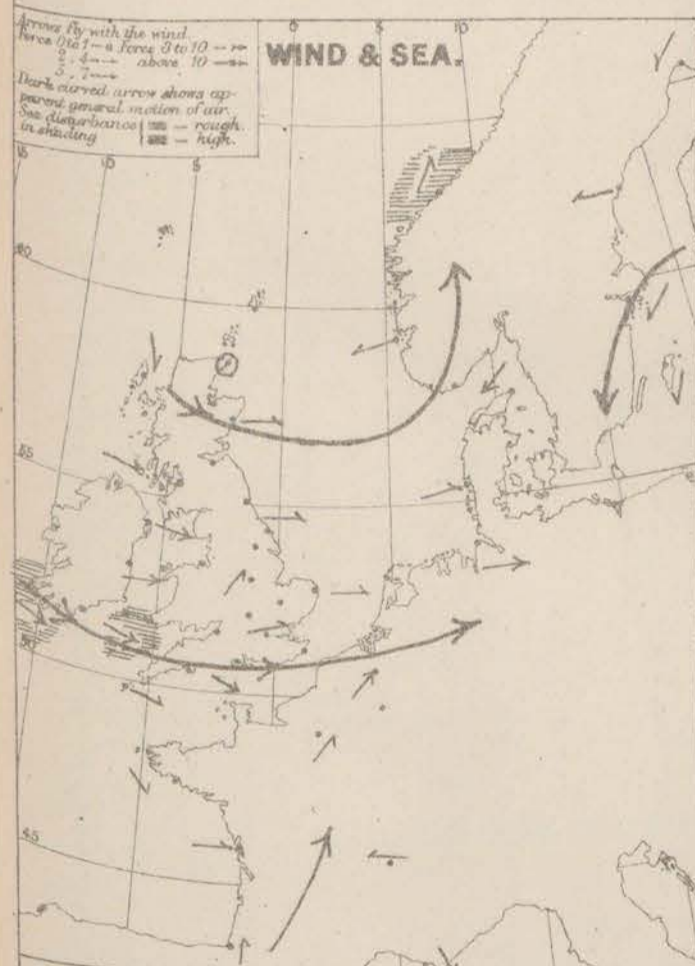
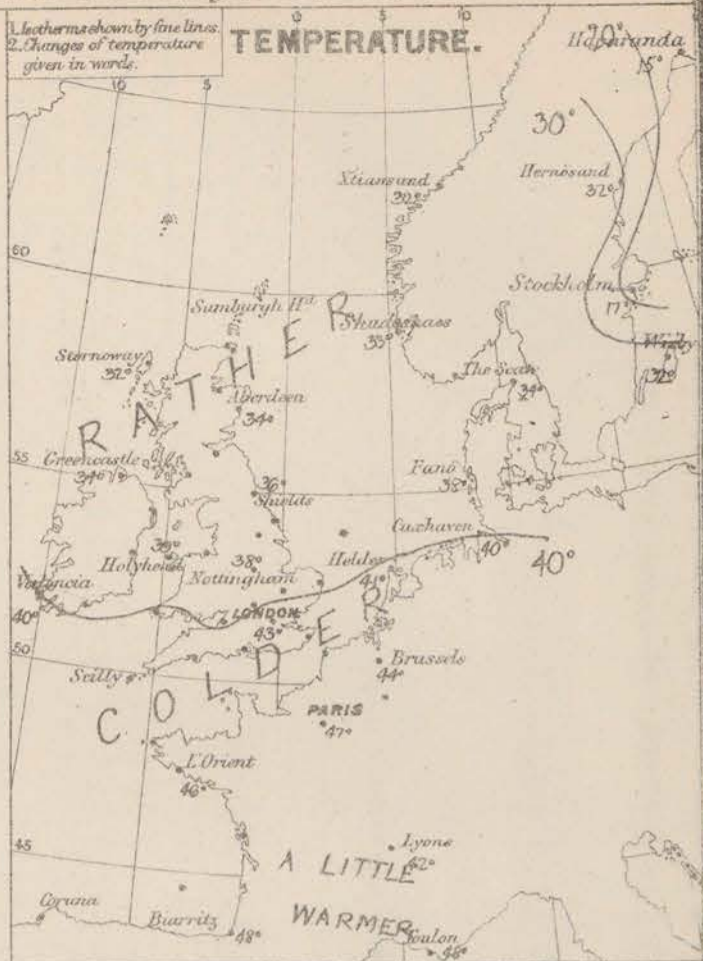
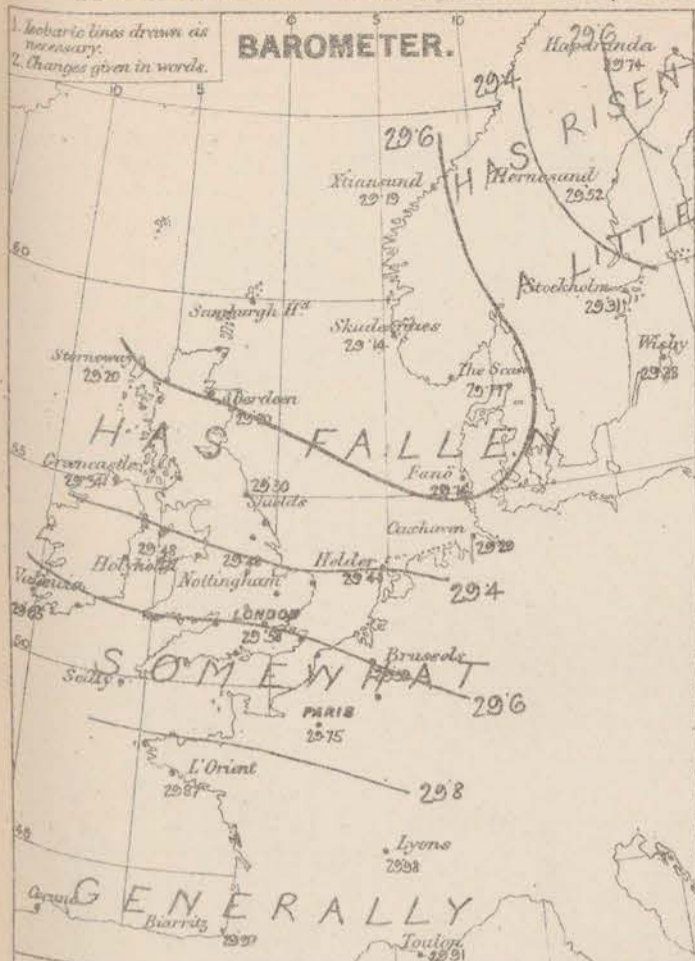
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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.

for 8 a.m. on Friday 16TH MARCH 1877.



REMARKS. The decrease of pressure which had appeared in the west and north yesterday morning extended to all coasts during the day, and this morning a rather brisk decrease is shown in all places except Sweden. Over England, however, the mercury is now slightly inclined to rise. A large but shallow area of low pressure lies over Scotland, the North Sea, Denmark and the west of Norway while the area of highest readings is still found over the south west of France. Gradients are, however, moderate, and the wind, which continues W on our own and the French coasts is moderate or light in force except in the west where it blows fresh. Over Scandinavia the wind is very variable. Temperature has fallen everywhere and in the north the weather is rather cold. Showers of rain, hail or snow have occurred in nearly all places, and in the north west snow still falls. The weather is moderately clear in the east though cloudy elsewhere. The sea is slight generally.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT

MARCH 17th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 p.m. 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 15).		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 15).			Max.	Min.		
Haparanda ...	29.71	12	Z	0	f	29.76	+ .02	13	12	- 2	NE	2	bc	*	*	*	-	
Hernösand ...	29.46	18	ENE	6	e	29.45	- .07	7	17	- 15	ENE	4	s	*	*	*	0.20	
Stockholm ...	29.25	17	NNE	2	f	29.22	- .09	23	23	+ 6	NNE	2	s	*	*	*	0.04	
Wisby ...	29.20	25	NE	6	s	29.20	- .08	26	25	- 6	NNE	6	s	*	*	*	0.10	
Christiansund ...	29.25	29	ESE	4	f	29.34	+ .15	22	19	- 10	E	6	f	3	32	18	-	
Skudesnaes ...	29.28	33	ENE	2	o	29.40	+ .26	29	27	- 4	SSE	7	s	5	?	?	-	
Oxö (Klansand) ...	29.29	26	NE	7	o	29.47	+ .32	20	19	- 6	NNE	4	c	*	30	?	-	
Skagen (The Scaw) ...	29.24	36	ENE	6	o	29.44	+ .27	25	22	- 9	NNE	4	o	5	36	21	-	
Fanö ...	29.21	31	N	6	e	29.50	+ .31	28	26	- 10	E	1	c	*	39	27	-	
Cuxhaven ...	29.47	46	W	6	e	29.49	+ .20	35	35	- 5	SW	3	o	*	3	34	0.05	
Sumburgh Head ...	29.33	35	NNW	1	f	29.30	+ .10	34	34	+ 2	NNW	1	bcw	4	38	28	0.18	
Stornoway ...	29.27	38	NNW	1	bc	29.25	+ .09	34	33	+ 1	SSE	1	s	2	46	32	0.10	
Thurso ...	29.30	34	NNW	2	bc	29.27	+ .10	35	34	+ 3	SSW	1	o	0	45	30	-	
Nairn ...	29.30	36	WSW	1	f	29.32	+ .20	33	32	+ 1	WSW	1	bc	2	40	30	0.04	
Aberdeen ...	29.28	35	W	1	f	29.34	+ .14	32	30	- 2	W	1	f	1	42	29	0.02	
Leith ...	29.33	38	NNW	3	bc	29.40	+ .13	32	31	- 2	WSW	3	o	*	45	29	-	
Shields ...	29.37	37	W	3	bc	29.43	+ .13	34	33	- 2	W	2	bcw	2	42	32	-	
York ...	29.36	37	NNW	2	c	29.48	+ .10	32	32	- 2	W	1	f	*	43	?	0.02	
Scarborough ...	29.40	37	W	2	bc	29.47	+ .12	37	34	+ 1	W	1	f	1	42	30	0.04	
Nottingham ...	29.50	36	NNE	2	f	29.53	+ .05	33	32	- 5	Z	0	s	*	30	30	0.10	
Ardrossan ...	29.37	37	W	3	bc	29.43	+ .13	39	35	+ 6	WSW	3	c	2	41	?	0.02	
Greencastle ...	29.37	37	W	2	o	29.45	+ .11	35	33	+ 1	WSW	2	o	*	40	27	0.16	
Donaghadee ...	29.40	34	SW	5	f	29.47	+ .09	32	32	- 1	WSW	3	f	3	41	29	-	
Kingstown ...	29.44	37	NNW	4	s	29.53	+ .02	36	35	0	NNW	5	c	4	43	35	0.02	
Holyhead ...	29.42	41	WSW	3	c	29.53	+ .05	38	36	- 1	NNW	3	c	3	43	35	0.13	
Liverpool (Bidston) ...	29.44	37	W	2	o	29.51	+ .07	33	33	- 4	W	1	f	2	41	32	0.29	
Valencia ...	29.66	43	NNW	4	bc	29.64	- .01	42	38	+ 2	NNW	2	bc	2	47	36	0.12	
Roche's Point... ..	29.62	39	NNW	5	bc	29.65	00	39	36	+ 2	NNW	4	f	3	45	36	0.08	
Pembroke ...	29.51	42	W	7	c	29.59	00	42	38	+ 1	NNW	6	f	4	43	38	0.06	
Portishead ...	29.76	47	W	6	f	29.58	- .08	39	37	0	WSW	3	f	3	?	32	0.04	
Scilly ...	29.65	44	W	4	c	29.66	- .02	37	36	- 5	Z	0	f	*	49	34	0.05	
Plymouth ...	29.59	45	NNW	4	bc	29.63	00	42	41	- 1	NNW	4	f	3	46	36	0.01	
Hurst Castle ...	29.56	43	W	3	bc	29.59	- .01	36	34	- 6	WSW	3	f	2	47	33	0.01	
Dover ...	29.55	43	W	3	f	29.59	+ .01	40	37	- 3	W	2	f	*	50	31	-	
London ...	*	*	*	*	*	29.57	+ .01	35	34	- 5	WSW	1	bc	*	46	31	0.01	
Oxford ...	29.51	38	W	1	f	29.55	+ .03	35	33	- 4	WSW	2	f	*	50	29	0.03	
Cambridge ...	29.47	38	W	4	bc	29.50	+ .02	35	34	- 3	W	3	bcw	2	44	32	0.06	
Yarmouth ...	*	*	*	*	*	29.50	+ .09	35	35	- 6	Z	0	s	*	*	*	0.08	
The Helder... ..	29.57	43	W	6	c	29.62	+ .01	39	36	- 4	SW	4	f	3	46	34	0.04	
Cape Gris Nez ...	29.50	32	NNW	3	f	29.75	- .07	41	39	+ 5	W	2	f	4	?	39	0.04	
Brest ...	29.53	46	NNW	5	c	29.78	- .09	43	41	- 3	NNW	3	c	3	52	39	-	
L'Orient ...	29.52	50	NNW	4	f	29.78	- .08	48	46	0	WSW	3	o	3	55	39	0.08	
Rochefort ...	29.91	34	W	2	e	29.87	- .10	48	45	0	S	2	o	5	55	45	-	
Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Corunna ...	*	*	*	*	*	29.62	+ .03	39	*	- 5	WSW	6	c	*	*	*	0.02	
Brussels ...	*	*	*	*	*	29.65	- .02	41	*	- 4	W	3	c	*	*	*	*	
Charleville ...	29.69	46	NNW	3	c	29.73	- .02	41	*	- 6	SW	3	bc	*	*	*	0.08	
Paris ...	*	*	*	*	*	29.90	- .05	46	*	+ 4	S	2	o	*	*	*	*	
Lyons ...	29.89	48	NNW	2	c	29.92	+ .01	48	48	0	W	1	bc	2	55	46	-	
Toulon ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.21	35	30	ENE	2	c	2	Valencia no...	29.64	44	41	W	5	bcw	5
Thurso	29.22	43	39	NNW	2	bc	3	Scilly							
Scarborough ...	29.36	41	38	W	3	c	2	London	29.53	47	40	W	3	bc	#
Greencastle ...	29.37	35	34	W	7	o	#	Rochefort ...	29.55	54	50	W	4	c	3
Holyhead	29.48	42	39	WSW	4	c	4								

Pressure is rising slowly in the N. but still falls in the South. The W. winds continues fresh in force in the West.

EXPLANATION OF COLUMNS.

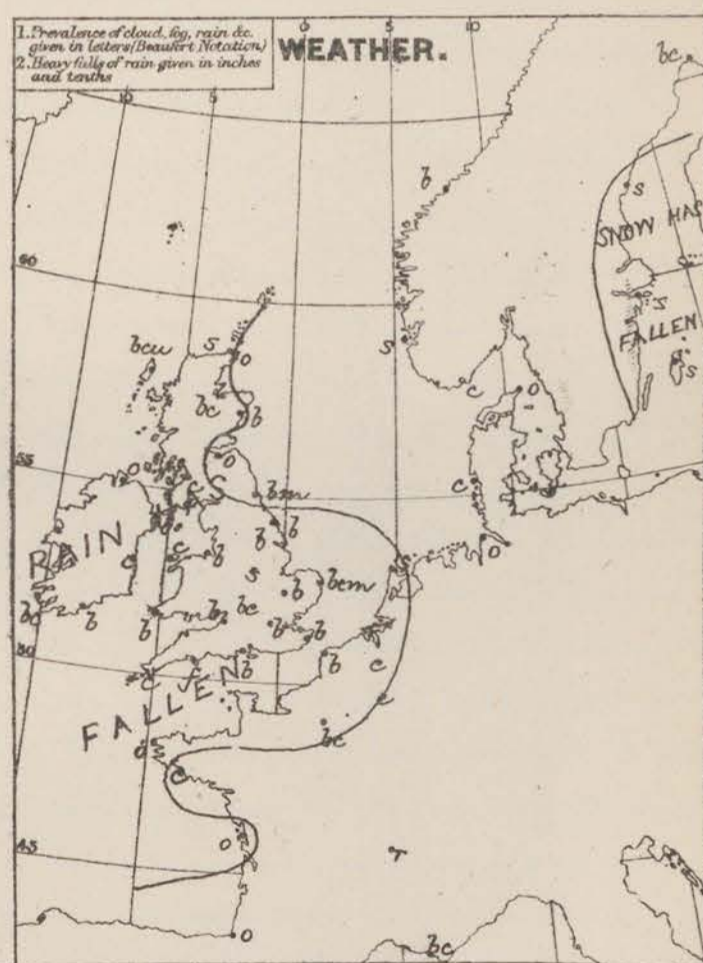
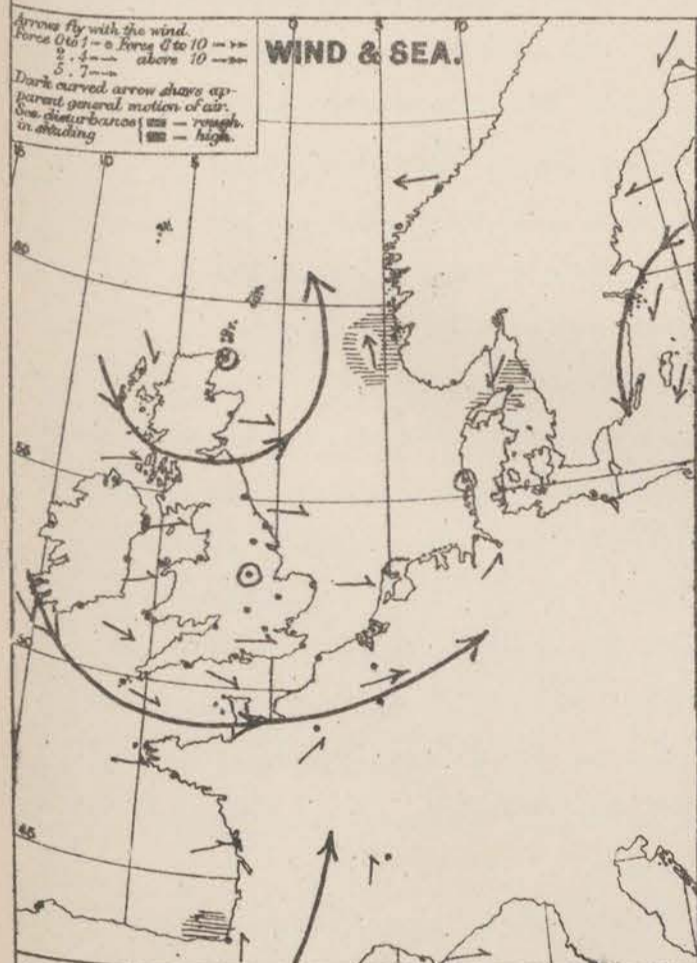
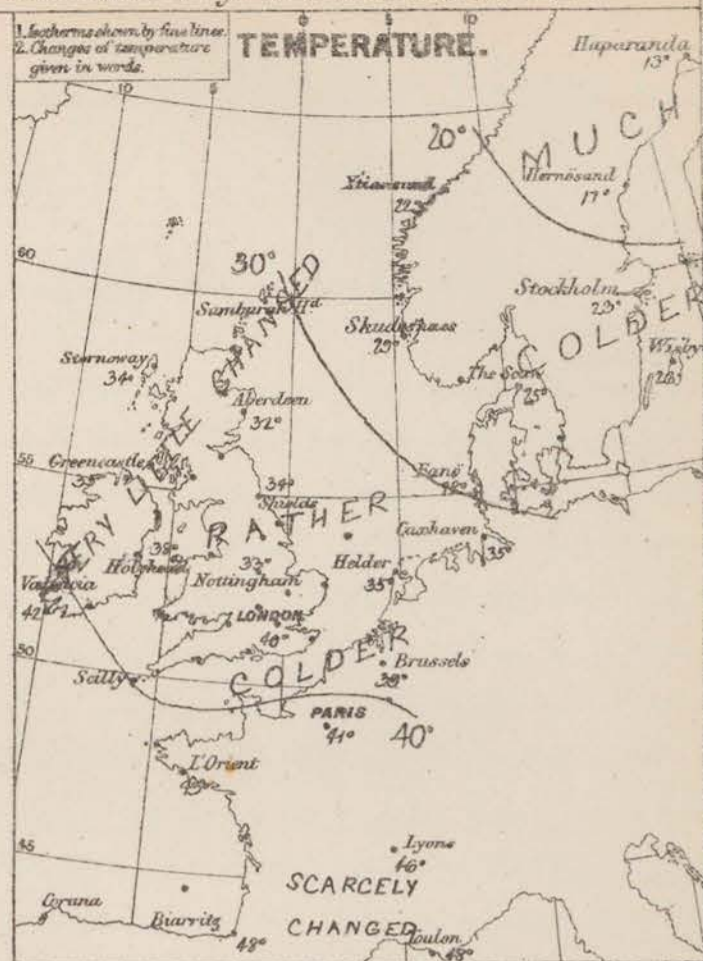
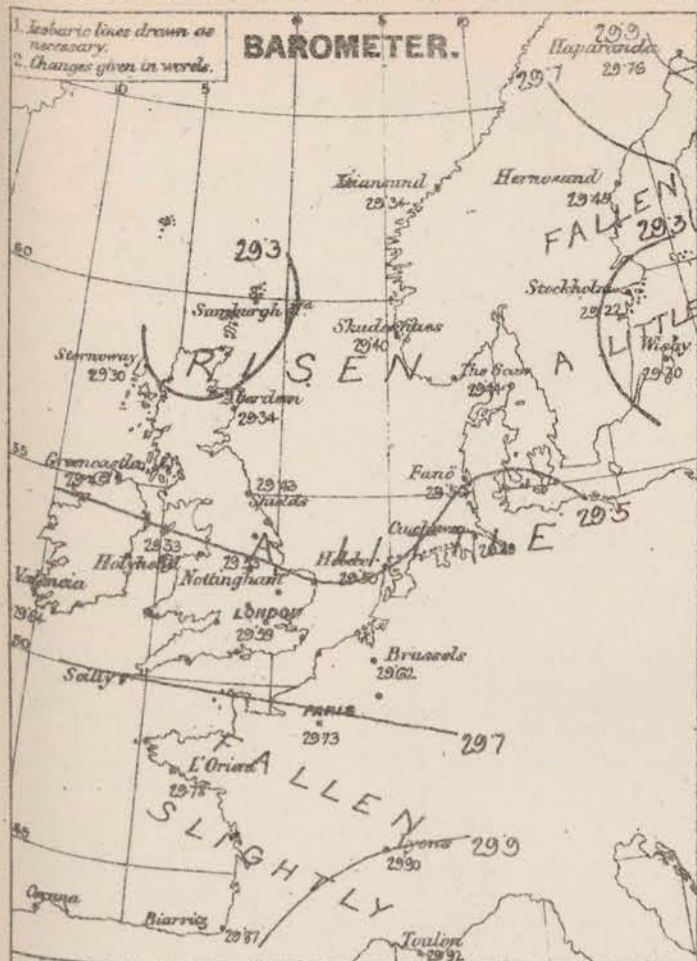
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 5 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 17th MARCH 1877.



REMARKS. During the past 24 hours the barometer has changed comparatively little over these Islands and their neighbourhood. It is now rising slightly over England, the north of France and the North Sea while at our western and northern stations as well as in the south west of France it is falling slowly. Pressure continues highest over the Mediterranean, while two regions of low readings are shown, — one disappearing over the Baltic, the other lying off the north of Scotland. The wind is light in force at our own and the French stations but blows freshly in some parts of Scandinavia. It is W on our coasts but turns into SE or E in the west of Norway, while in Sweden moderate NE breezes are reported in the rear of the depression in that neighbourhood. Temperature has fallen everywhere, and a slight frost was experienced at all the more northern stations last night. In London the thermometer fell to 31° in the shade, and 25° on the grass. Snow showers were very general yesterday and thunder and lightning occurred at Valentia last evening, with lightning singly at Shields. Snow is falling at Thurso this morning. The weather is clear except in the north west. The sea is moderate to smooth.

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

R. H. SCOTT.
Director.

SUMMARY OF WEATHER IN WESTERN EUROPE

from MARCH 11th to MARCH 17th 1877.

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

On the first day of this week a region of high pressure lay over the SE^m stations, and light breezes prevailed generally, with very fine weather on the Continent and S.E. of England, but by the next morning the highest pressures had become established in the S.W. and a series of depressions passed from N. to E. a little to the NW of these Islands. As these disturbances caused the barometer to fall very considerably in the N. while it changed comparatively little in the S. gradient became steep, and the winds increased considerably the weather at the same time being very unsettled. By Friday these repeated falls had brought pressure down to a comparatively uniform lowness over NW Europe, and from that time the winds subsided, the skies cleared, and the weather improved. Showers of snow, hail, and rain have been very prevalent, and temperature during the last few days low.

MARCH 11th The depression which caused the brief fall of the barometer noticed at Valencia on the previous evening, proved to be very inconsiderable and was quickly disappearing in a N^{ly} direction. The mercury was consequently falling slightly over Scandinavia, but rising in all other places, the highest readings being reported from North Germany. The wind was E^{ly} to SE^{ly} over France and the Channel, S^{ly} on our NW and N^m Coasts, SW^{ly} to W^{ly} in Scandinavia. It was light or moderate everywhere. Temperature was little changed, and varied from 44° in the South of Ireland, to 29° at Cambridge and 24° at Brussels. During the night a sharp frost had been experienced in London, the thermometer falling to 24° in the shade and 17° on the grass. The sky remained cloudy in the N. but in the S.E. and over France the weather was very fine. In the evening a slight decrease of pressure was shown on both shores of the North Sea, but in the N. the mercury still rose.

MARCH 12th A deep depression had advanced during the night to the North coast of Scotland, causing the mercury to fall more than half an inch over the North Sea, and to a less extent in all parts of our area except France. The highest readings now lay over the Central and Southern parts of that country, and rather steep gradients for W^{ly} breezes prevailed over these Islands. Strong W^{ly} winds were therefore experienced on all our coasts, and strong S^{ly} winds in Denmark and Norway, while at the French stations E^{ly} breezes prevailed. The weather had become overcast except in France, and in Scotland, showers of snow or rain were reported. Temperature was a few degrees lower in the North of Scotland, and also in the South of France, but over England it had risen somewhat. At Lyons the thermometer was as low as 26° or about 20° lower than in the N. of England. During the day the disturbance travelled away E^{ward} its centre being shown at 6 P.M. near Christiansund, while the wind had veered to N.W. or N.N.W. and increased to a strong gale in several places.

MARCH 13th The centre of the disturbance still lay off the N. Coast of Norway and the barometer had fallen quickly over Scandinavia and N. Germany, while over these Islands and the N. of France, a recovery had set in during the night. Gradients continued steep, but the winds had decreased in force, fresh breezes only being reported generally. On our coast it was NW^{ly} in direction, in Denmark and the S. of Norway Westerly, and in the Baltic SE^{ly}. Temperature had risen fast over France, but changed ^{rather} irregularly elsewhere. The sky was cloudy generally and the weather very squally and unsettled. During the day the barometer still rose over the whole of these Islands, and the increase spread to the E^m shores of the North Sea.

MARCH 14th The barometer had fallen during the night at all our more NW stations but elsewhere the recovery in pressure still held. The area of low readings was still reported from the neighbourhood of Christiansund, but it was apparently becoming shallower, and gradients were not so steep as on the

previous day, the wind, however, which continued NW⁴ to W⁴ on all our own and the French coasts, was blowing a hard gale in the Hebrides, and a fresh gale both over the Clyde and at the Mouth of the Tyne, while in nearly all other places it was strong in force. Temperature had risen generally. The sky continued cloudy in most places, and showers still fell in the extreme N. Scarcely any change occurred during the day, but the wind in the N. slowly subsided.

MARCH 15TH Comparatively little change had occurred in the general distribution of pressure, the area of lowest readings being still reported from the neighbourhood of Christiansund, and that of highest readings from the Bay of Biscay. Gradients were almost unaltered but the winds had fallen to a moderate or fresh breeze on all our coasts, though in Denmark it had risen to a fresh gale. It was W⁴ at nearly all our stations and over the North Sea, but in the Skagerrack it drew into NW. and into SE in the Baltic. Temperature had decreased in nearly all places, the weather was very cloudy, and snow showers were reported in the N. of Scotland. During the day the barometer fell rather briskly everywhere, showers of snow or rain occurred generally and the winds increased in the N.

MARCH 16TH The barometer had fallen in all places except Sweden, and a large but shallow area of low pressure lay over Scotland, the North Sea, and the N. of Norway. The highest readings still lay over the S.W. of France, but in the N. of Sweden the barometer was picking up somewhat, so that while W⁴ breeze prevailed over N.W. Europe generally, the wind was NE⁴ in the Gulf of Bothnia. It was light in force except in the N. Temperature had decreased everywhere and in the N. was rather low. Showers of rain, hail or snow had been very prevalent, and in the NW snow still fell. The sky was clear or nearly so in the E. and S. cloudy elsewhere. Later reports showed a slight rise of the barometer in the N. but the W⁴ wind still continued strong in the N. Snow showers fell very generally during the day.

MARCH 17TH Pressure had changed extremely little, but it had risen slightly in the N. and fallen in the S. so that the tendency was to very much reduce gradients, and the winds, while they still continued W⁴ on our own and the French coasts, had fallen light generally. In Sweden the wind was NE⁴ in the rear of a shallow depression which lay over the Baltic. Temperature had again fallen and a slight frost was experienced at all our more N.W. stations. The weather was very fine in most places, but snow was falling at Thun, Skudonäs, and all the Swedish stations. During the day pressure increased slowly everywhere.

DAILY WEATHER REPORT

MARCH 18th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.72	20	NE	4	o	29.72	- .04	13	12	o	NE	4	bc	*	*	*	-	
Hernösand ...	29.52	19	ESE	4	s	29.54	+ .09	21	20	+ .4	NE	6	s	*	*	*	0.12	
Stockholm ...	29.40	19	NW	5	s	29.43	- .21	19	18	- .4	NW	4	s	*	*	*	0.09	
Wisby ...	29.50	26	NW	8	o	29.51	+ .31	23	22	- .3	NW	4	o	*	*	*	-	
Christiansund ...	29.39	25	E	3	bc	29.41	+ .07	24	24	+ .4	ESE	3	bc	2	25	19	-	
Skudesnaes ...	29.41	36	SSE	7	c	29.42	+ .02	31	31	+ .2	SSE	1	s	4	7	28	-	
Oxö (Stiansand) ...	29.53	36	ESE	2	o	29.52	+ .05	32	31	+ .2	SE	4	s	3	7	28	-	
Skagen (The Seaw) ...	29.57	28	Z	o	bc	29.60	+ .16	28	26	+ .3	SSW	2	bc	1	30	23	-	
Fanö ...	29.56	32	S	4	o	29.56	+ .06	37	32	+ .9	WSW	2	cas	*	7	27	0.12	
Cuxhaven ...	29.50	53	N	3	bc	29.58	+ .09	35	35	o	SW	3	c	*	*	26	0.04	
Sumburgh Head ...																		
Stornoway ...	29.39	40	NNE	4	c	29.53	+ .23	34	33	o	N	2	bc	4	44	29	0.02	
Thurso ...	29.40	38	E	2	c	29.52	+ .27	35	34	+ .1	N	2	bc	3	43	38	0.06	
Wick ...	29.44	38	E	2	o	29.53	+ .28	34	33	- .1	NW	2	bc	1	38	28	0.02	
Nairn ...	29.44	37	Z	o	bc	29.56	+ .22	34	31	+ .1	NE	1	bc	1	45	32	0.04	
Aberdeen ...	29.55	40	S	1	bc	29.47	+ .13	36	34	+ .4	NW	3	bc	1	43	31	0.20	
Leith ...	29.40	39	N	3	bc	29.47	+ .07	36	35	+ .4	ESE	2	+	*	47	31	-	
Shields ...	29.46	40	NW	3	c	29.48	+ .05	37	35	+ .3	Z	o	om	2	42	34	0.02	
York ...	29.52	39	N	2	bc	29.49	+ .01	38	36	+ .6	SW	1	bc	*	44	31	-	
Scarborough ...	29.50	40	N	2	c	29.51	+ .04	36	35	- .1	WSW	2	bc	1	44	34	-	
Nottingham ...	29.58	39	SW	1	c	29.61	+ .08	37	32	+ .4	WSW	1	bc	2	47	29	0.03	
Ardrossan ...	29.42	41	NW	3	c	29.50	+ .07	36	35	- .3	NW	1	c	1	46	35	0.21	
Greencastle ...	29.47	40	NW	2	c	29.50	+ .05	38	36	+ .3	N	2	bc	*	46	33	0.28	
Donaghadee ...	29.49	39	WSW	5	bc	29.50	+ .03	38	37	+ .6	NW	4	bc	3	41	32	0.03	
Kingstown ...	29.44	45	NW	4	bc	29.60	+ .07	37	35	+ .1	N	3	bc	2	45	35	-	
Holyhead ...	29.55	42	N	3	c	29.57	+ .04	41	38	+ .3	N	3	c	3	44	37	-	
Liverpool (Bidston) ...	29.54	38	N	3	o	29.55	+ .04	35	36	+ .5	WSW	3	bc	2	42	33	-	
Valencia ...	29.65	46	NW	1	c	29.65	+ .01	38	37	- .4	ESE	1	bc	1	50	34	0.01	
Roche's Point ...	29.67	44	NW	3	bc	29.64	- .01	39	36	o	N	3	bc	3	47	36	-	
Pembroke ...	29.62	43	N	11	bc	29.62	+ .03	42	40	o	SSW	2	bc	3	44	40	-	
Portishead ...	29.63	41	N	5	bc	29.65	+ .07	38	37	- .1	N	2	bc	2	48	32	0.07	
Scilly ...																		
Plymouth ...	29.70	42	N	2	bc	29.66	o	36	36	- .1	N	o	bc	*	48	31	0.07	
Hurst Castle ...	29.64	44	NW	14	bc	29.68	+ .05	41	41	- .1	S	1	bc	1	47	32	0.05	
Dover ...	29.46	46	NW	3	bc	29.55	+ .09	39	36	+ .3	WSW	3	bc	2	47	34	-	
London ...	29.63	42	N	2	bc	29.65	+ .09	36	33	- .4	WSW	2	bc	*	50	31	0.03	
Oxford ...	*	*	*	*	*	29.65	+ .08	36	35	+ .1	WSW	1	bc	*	45	31	0.01	
Cambridge ...	29.62	41	SW	1	bc	29.64	+ .09	36	34	+ .1	SW	1	bc	*	47	29	-	
Yarmouth ...	29.57	40	N	2	bc	29.61	+ .11	34	33	- .1	WSW	2	bc	*	41	31	0.03	
The Helder ...	*	*	*	*	*	29.50	+ .06	44	38	+ .5	SW	2	c	*	*	*	0.20	
Cape Gris Nez ...	29.40	43	N	5	bc	29.69	+ .07	41	39	+ .2	WSW	3	bc	2	46	29	-	
Brest ...	29.79	52	NW	2	bc	29.71	- .04	43	39	+ .2	Z	o	o	4	?	36	0.12	
L'Orient ...	29.81	45	NW	4	bc	29.76	- .02	45	45	+ .2	SW	3	bc	4	32	36	0.04	
Rochefort ...	29.84	52	NW	4	c	29.77	- .01	43	43	- .5	NW	3	o	3	34	37	0.04	
Biarritz ...	29.86	57	NW	3	c	29.89	- .18	48	46	o	ESE	2	T	5	7	43	0.16	
Corunna ...	*	*	*	*	*	29.64		48	*		NE	6	o	7	*	*	*	
Brussels ...	*	*	*	*	*	29.74	+ .13	36	*	- .3	WSW	1	bc	*	*	*	-	
Charleville ...	*	*	*	*	*	29.71	+ .06	36	*	- .5	SW	1	o	*	*	*	*	
Paris ...	29.73	41	?	2	o	29.80	+ .07	37	*	- .4	WSW	1	bc	*	*	*	0.12	
Lyons ...	*	*	*	*	*	29.85	- .05	49	*	+ .3	NE	2	o	*	*	*	*	
Toulon ...	29.84	50	N	1	bc	29.83	- .09	48	48	o	E	1	o	2	57	45	-	

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

	Bgr.	Dry.	Wet.	Wind.	Wex.	Sea.		Bar.	Dry.	Wet.	Wind.	Wex.	Sea.		
Skudesnaes ...	29.41	36	30	SSE	6	o	5	Valencia	29.66	48	43	SW	bc	3	
Thurso	29.42	39	38	ESE	2	o	3	Scilly							
Scarborough ...	29.48	43	38	N	2	bc	2	London	29.61	42	39	WSW	3	o	*
Greencastle ...	29.46	43	40	NW	7	bc	*	Rochefort ...	29.80	54	50	N	T	3	
Holyhead	29.58	42	34	N	3	ch	3								

Pressure is changing very little, but the fall in the N. seems to have ceased. The wind has backed to SW. at Valencia. In London the weather is very showery.

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.

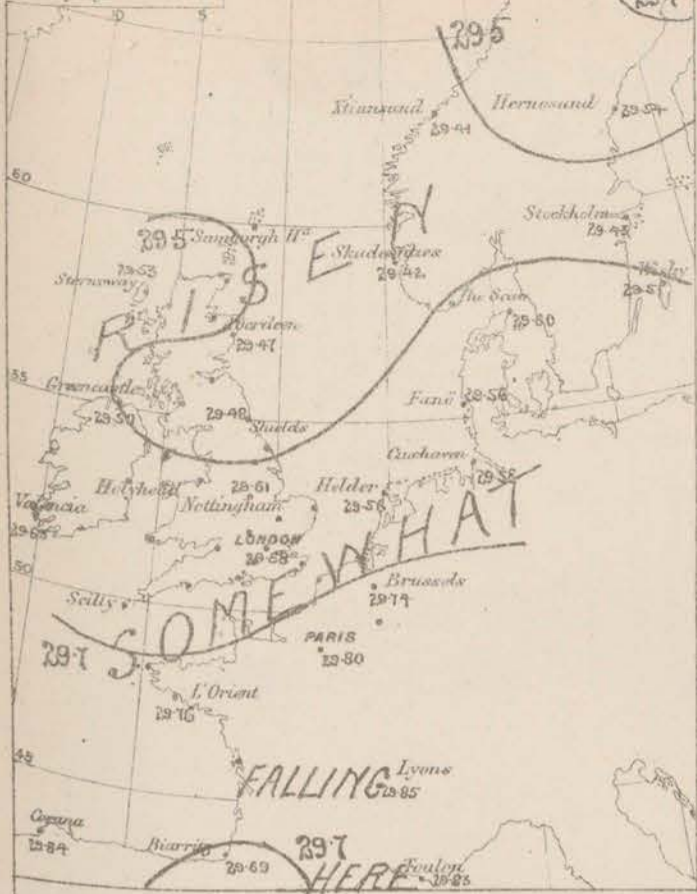
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 March 18th 1877.

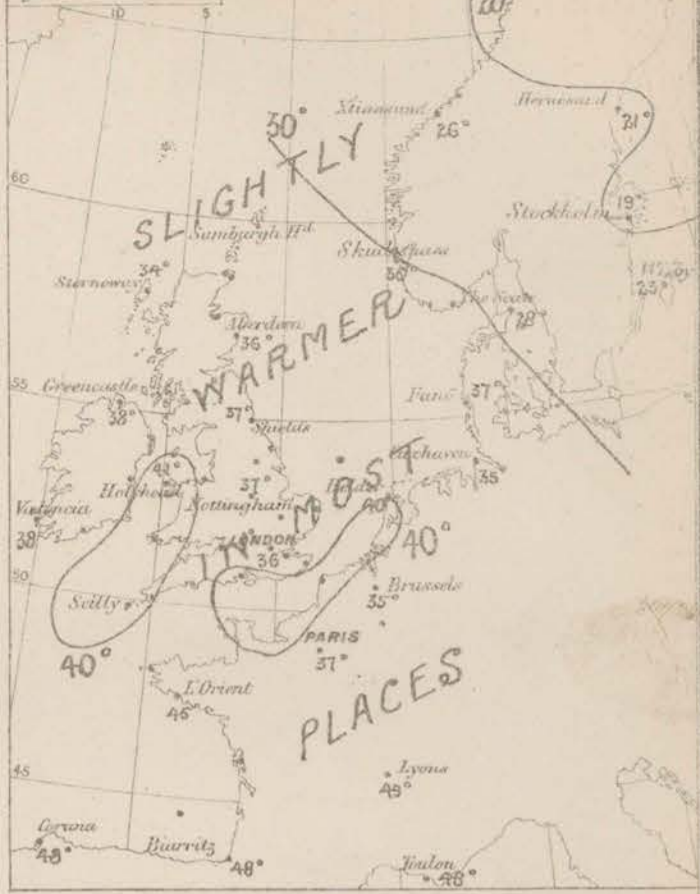
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



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

TEMPERATURE.



1. Arrows fly with the wind.
2. Force 0 to 10.
3. Force 10 to 20.
4. Force 20 to 30.
5. Force 30 to 40.
6. Force 40 to 50.
7. Force 50 to 60.
8. Force 60 to 70.
9. Force 70 to 80.
10. Force 80 to 90.
11. Force 90 to 100.
12. Force 100 to 110.
13. Force 110 to 120.
14. Force 120 to 130.
15. Force 130 to 140.
16. Force 140 to 150.
17. Force 150 to 160.
18. Force 160 to 170.
19. Force 170 to 180.
20. Force 180 to 190.
21. Force 190 to 200.
22. Force 200 to 210.
23. Force 210 to 220.
24. Force 220 to 230.
25. Force 230 to 240.
26. Force 240 to 250.
27. Force 250 to 260.
28. Force 260 to 270.
29. Force 270 to 280.
30. Force 280 to 290.
31. Force 290 to 300.
32. Force 300 to 310.
33. Force 310 to 320.
34. Force 320 to 330.
35. Force 330 to 340.
36. Force 340 to 350.
37. Force 350 to 360.
38. Force 360 to 370.
39. Force 370 to 380.
40. Force 380 to 390.
41. Force 390 to 400.
42. Force 400 to 410.
43. Force 410 to 420.
44. Force 420 to 430.
45. Force 430 to 440.
46. Force 440 to 450.
47. Force 450 to 460.
48. Force 460 to 470.
49. Force 470 to 480.
50. Force 480 to 490.
51. Force 490 to 500.
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63. Force 610 to 620.
64. Force 620 to 630.
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68. Force 660 to 670.
69. Force 670 to 680.
70. Force 680 to 690.
71. Force 690 to 700.
72. Force 700 to 710.
73. Force 710 to 720.
74. Force 720 to 730.
75. Force 730 to 740.
76. Force 740 to 750.
77. Force 750 to 760.
78. Force 760 to 770.
79. Force 770 to 780.
80. Force 780 to 790.
81. Force 790 to 800.
82. Force 800 to 810.
83. Force 810 to 820.
84. Force 820 to 830.
85. Force 830 to 840.
86. Force 840 to 850.
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100. Force 980 to 990.
101. Force 990 to 1000.
102. Force 1000 to 1010.
103. Force 1010 to 1020.
104. Force 1020 to 1030.
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113. Force 1110 to 1120.
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DAILY WEATHER REPORT

MARCH 19 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 2.)	SHADE TEMP.		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 ...	29.48	10	NE	2	b	29.69	- 03	6	6	- 7	NE	2	f	*	*	*	-	
Hernösand ...	29.63	18	NE	4	c	29.71	+ 17	12	12	- 9	Z	0	c	*	*	*	0.08	
Stockholm ...	29.57	20	N	4	b	29.69	+ 26	19	18	0	Z	0	o	*	*	*	-	
Wibby ...	29.65	26	NNW	4	b	29.73	+ 22	22	21	- 1	SSE	4	f	*	*	*	-	
Christiansund ...	29.52	27	E	1	b	29.44	+ 03	27	24	+ 1	ESE	3	f	2	32	23	-	
Skudesnaes ...	29.41	33	S	3	b	29.45	+ 03	29	28	- 1	NE	1	c	2	36	?	-	
Oxö (Xtiansand) ...	29.47	35	SE	4	b	29.42	- 10	28	28	- 4	NNW	2	c	2	36	25	-	
Skagen (The Seaw) ...	29.55	32	SSE	2	o	29.49	- 11	33	32	+ 5	SW	3	c	2	34	28	-	
Fanö ...	29.58	37	WSW	2	c	29.55	- 01	37	35	0	WSW	2	c	*	?	34	0.08	
Cuxhaven ...	29.66	43	SW	2	b	29.59	+ 01	36	35	+ 1	SSW	2	c	*	4	34	+	
Sumburgh Head ...																		
Stornoway ...	29.60	36	NNW	2	b	29.57	+ 04	33	32	- 1	NW	1	f	4	41	29	0.06	
Thurso ...	29.53	36	NW	1	b	29.51	- 01	34	33	- 1	WSW	2	c	2	41	31	0.05	
Wick ...	29.54	35	NW	2	b	29.52	- 01	29	28	- 5	Z	0	f	1	43	25	0.06	
Nairn ...	29.56	37	Z	0	b	29.57	+ 03	32	30	- 2	SW	1	f	1	41	30	-	
Aberdeen ...	29.52	38	N	2	b	29.55	+ 08	34	31	- 2	NW	2	f	1	43	31	-	
Leith ...	29.55	35	SW	1	b	29.63	+ 13	31	29	- 5	NNW	2	b	*	48	28	-	
Shields ...	29.58	38	NE	2	c	29.62	+ 14	31	29	- 6	WNW	2	b	*	40	29	0.06	
York ...	29.55	39	WNW	2	c	29.63	+ 14	31	30	- 7	N	1	f	*	46	25	0.08	
Scarborough ...	29.53	39	N	2	c	29.62	+ 11	40	37	+ 4	NNW	1	b	2	46	33	0.05	
Nottingham ...	29.59	39	SSW	2	b	29.62	+ 01	35	34	- 2	N	1	f	*	53	30	-	
Ardrossan ...	29.58	41	SW	1	b	29.63	+ 13	32	3	- 4	SE	1	b	0	45	29	-	
Greencastle ...	29.58	42	NE	2	b	29.63	+ 13	33	33	- 5	N	1	f	*	46	30	0.08	
Donaghadee ...	29.57	41	NNW	3	b	29.64	+ 14	32	32	- 6	NNW	3	f	2	44	30	-	
Kingstown ...	29.60	41	N	3	b	29.66	+ 06	35	33	- 2	NNW	3	f	2	43	34	0.02	
Holyhead ...	29.57	43	NNW	2	c	29.63	+ 04	37	36	- 4	E	1	f	0	45	35	0.02	
Liverpool (Bidston) ...	29.57	39	N	2	b	29.64	+ 09	31	31	- 7	Z	0	f	1	45	30	0.01	
Valencia ...	29.65	45	NNW	2	b	29.68	+ 03	40	38	+ 2	NNE	2	f	2	50	34	-	
Roche's Point ...	29.65	44	NNW	3	b	29.64	00	38	35	- 1	NNE	3	f	3	38	34	-	
Pembroke ...	29.61	45	NNW	2	b	29.61	- 01	38	36	- 4	NNE	1	f	2	48	35	-	
Portishead ...	29.60	45	NNW	3	b	29.60	- 05	34	33	- 4	NE	2	f	1	49	29	-	
Scilly ...																		
Plymouth ...	29.61	44	N	1	b	29.58	- 08	38	36	+ 2	N	1	f	*	48	31	0.01	
Hurst Castle ...	29.62	45	SSW	4	b	29.57	- 11	35	35	- 6	NE	3	b	2	48	29	0.09	
Dover ...	29.65	43	SW	3	b	29.57	- 11	39	37	0	NNE	2	f	1	46	36	-	
London ...	29.63	43	SW	3	tpg	29.60	- 08	31	31	- 5	Z	0	f	*	52	28	0.03	
Oxford ...	*	*	*	*	*	29.61	- 04	30	29	- 6	Z	0	f	*	50	29	-	
Cambridge ...	29.60	41	SW	2	b	29.62	- 02	31	30	- 5	N	1	f	*	53	25	-	
Yarmouth ...	29.60	43	SE	2	b	29.69	+ 08	36	34	+ 2	N	1	b	1	47	32	0.01	
The Helder ...	*	*	*	*	*	29.58	+ 02	40	39	0	Z	0	o	*	*	*	0.04	
Cape Gris Nez ...	29.66	45	SW	2	b	29.58	- 11	39	36	- 2	E	1	b	0	46	36	-	
Brest ...	29.64	34	S	1	o	29.51	- 20	39	37	- 4	E	2	o	3	?	36	0.04	
L'Orient ...	29.67	45	SSE	2	c	29.50	- 28	39	36	- 14	ENE	3	o	3	52	37	-	
Rocheport ...	29.58	50	E	3	b	29.33	- 44	45	43	+ 2	NE	6	o	4	?	34	0.04	
Biarritz ...	29.52	34	ESE	2	f	29.29	- 40	30	48	+ 2	WSW	4	o	3	?	45	0.47	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.58	- 16	38	*	+ 2	SW	1	f	*	*	*	-	
Charleville ...	*	*	*	*	*	29.53	- 18	37	*	+ 1	E	3	o	*	*	*	*	
Paris ...	29.68	44	S	2	c	29.49	- 31	39	*	+ 2	NE	3	o	*	*	*	-	
Lyons ...	*	*	*	*	*	29.41	- 44	32	*	+ 3	N	2	p	*	*	*	*	
Toulon ...	29.73	50	E	3	m	29.49	- 04	34	30	+ 6	E	6	f	6	34	48	-	

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.41	35	33	SSW	4	c	44	Valencia ...			
Thurso ...								Scilly ...			
Scarborough ...								London ...			*
Greencastle ...						*		Rochefort ...	29.66	52	48
Holyhead ...											

EXPLANATION OF COLUMNS.

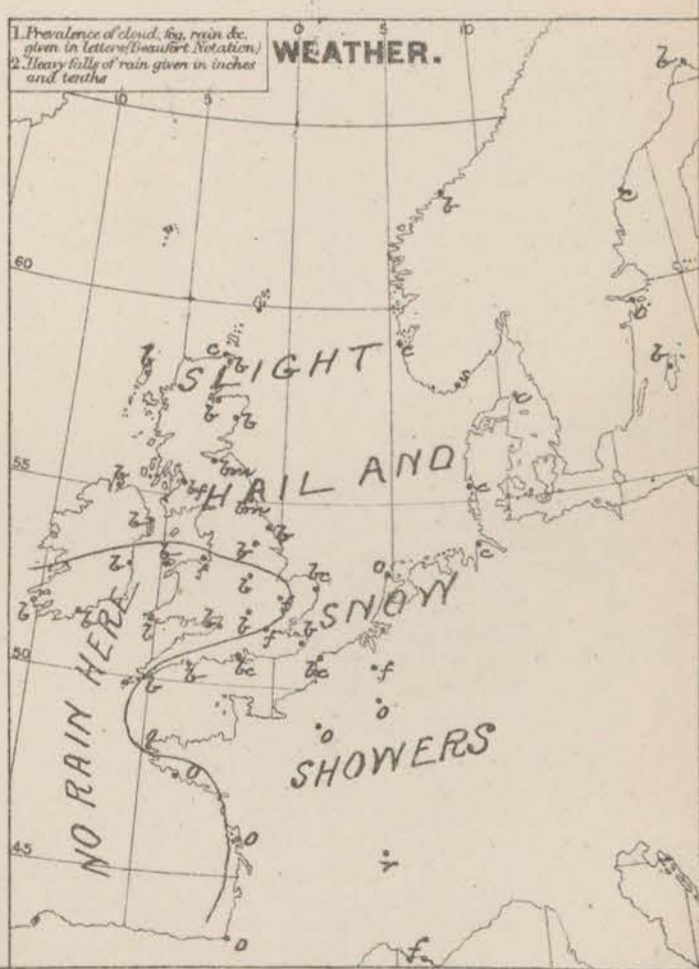
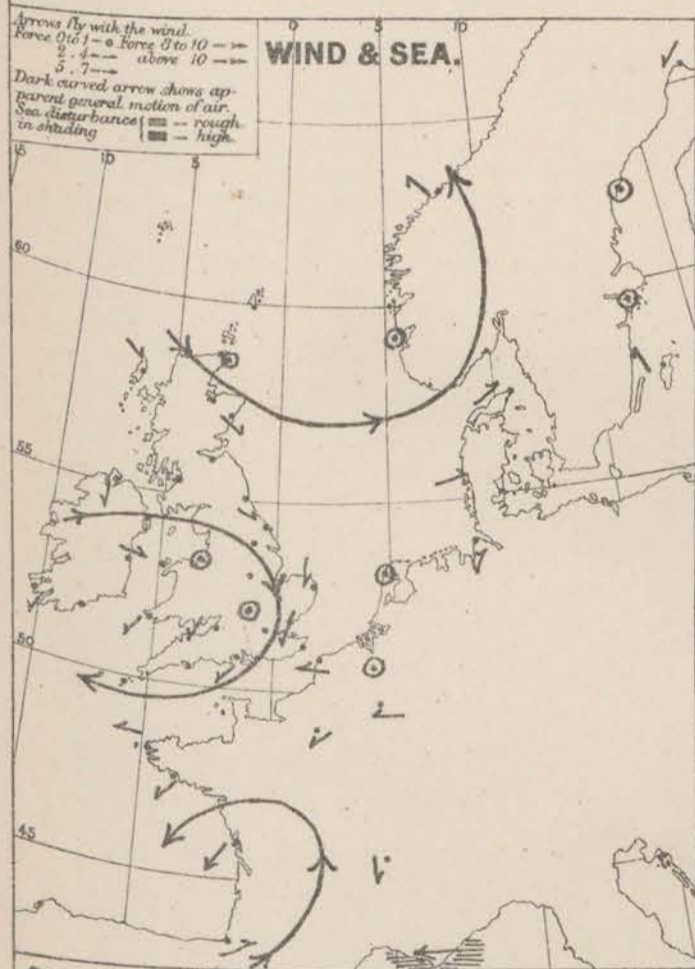
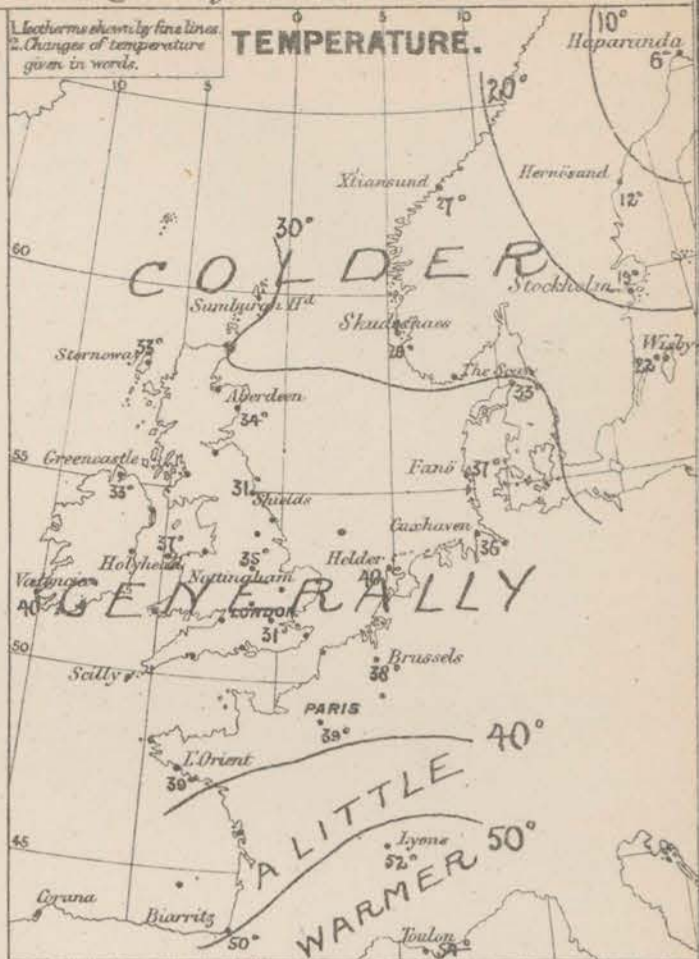
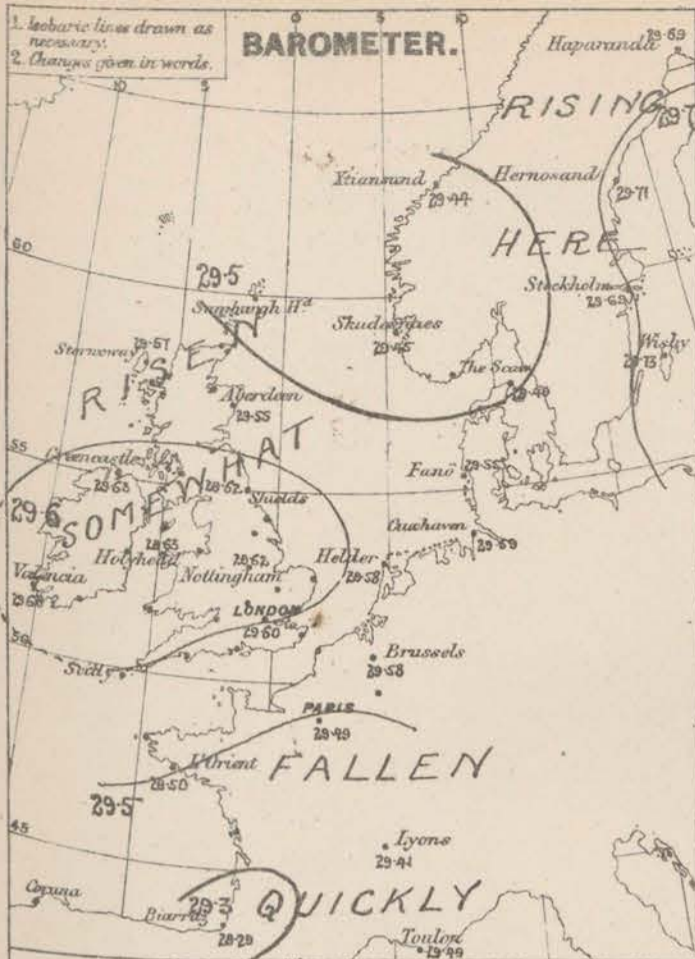
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 March 19th 1877.



REMARKS

REMARKS. During the past 24 hours the barometer has fallen quickly over France, and to a less extent in our ^{own} countries, while it has risen somewhat in the N and NW. An anticyclone has thus been formed over Ireland and England, and while moderate gradients for NE² winds prevail over France and the Channel slight ones for W² breezes are found in Scotland, and for S² winds over Sweden. The winds reported agree with these conditions, being moderate from NE at the French stations (excepting Biarritz), very light and variable in England and Ireland, very light from W to NW in North Britain, from SE in Denmark, and from SSE at Wisby. Temperature is low generally. In Rouen it went down to 28° in the shade, and 20° on the grass during the night, and thick hoar frost occurred in exposed places. The sky is now clear over nearly the whole of our Islands, but foggy in the SE and very cloudy in France. The sea is smooth, except in the Bay of Biscay, and off our extreme N² coasts.

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

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

R. H. SCOTT.
Director.

Dangerfield Inn 22 Bedford St. Covent Garden

DAILY WEATHER REPORT MARCH 20th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 2).	SHADE TEMP.			
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.	
Haparanda ...	29.76	- 1	N	2	6	29.85	+ .16	- 7	- 8	- 13	N	2	6	*	*	*	-	
Hernösand ...	29.72	29	NE	2	0	29.70	- .01	12	12	0	NE	4	5	*	*	*	0.08	
Stockholm ...	29.52	29	ENE	6	5	29.35	- .14	25	25	+ 6	Z	0	0	*	*	*	0.08	
Wisby ...	29.63	32	SSE	4	0	29.58	- .15	31	31	+ 9	S	4	6	*	*	*	-	
Christiansund ...	29.46	28	ESE	1	6	29.34	+ .10	26	25	- 1	ESE	1	6	1	32	4	-	
Skudesnaes ...	29.45	27	Z	0	6	29.54	+ .09	30	28	+ 1	ENE	2	6	0	?	27	-	
Oxö (Xtiansand) ...	29.45	30	ENE	2	6	29.57	+ .15	22	21	- 6	NNH	4	6	2	34	18	-	
Skagen (The Seaw) ...	29.52	33	NNH	2	6	29.58	+ .09	35	29	- 3	E	3	6	1	37	27	-	
Fanö ...	29.54	33	Z	0	6	29.51	- .04	33	31	- 4	ENE	4	6	*	41	30	-	
Cuxhaven ...	29.56	32	NNE	1	6	29.40	- .19	36	36	0	NE	3	0	*	*	?	-	
Sumburgh Head																		
Stornoway	29.52	38	NNH	1	0	29.38	- .19	37	37	+ 4	SSH	2	7	4	40	31	0.08	
Thurso ...	29.45	36	NNH	4	0	29.46	- .05	31	30	- 3	S	1	6	2	43	29	0.04	
Wick ...	29.46	33	NNH	2	6	29.46	- .06	31	30	+ 2	Z	0	6	1	45	25	-	
Nairn ...	29.53	36	SH	1	6	29.45	- .09	32	29	- 2	Z	0	6	1	40	27	-	
Aberdeen ...	29.49	36	NNH	2	6	29.48	- .07	30	29	- 4	N	1	6	1	42	28	-	
Leith ...	29.53	41	NNH	3	6	29.69	- .11	29	28	- 2	N	1	6	*	33	25	-	
Shields ...	29.55	42	NNH	3	6	29.32	- .10	30	28	- 1	NNH	1	6	2	46	27	-	
York ...	29.52	42	NNH	1	6	29.51	- .12	30	24	- 1	NNH	1	6	*	46	25	-	
Scarborough ...	29.54	37	SE	1	6	29.49	- .13	39	37	- 1	N	2	6	3	42	33	-	
Nottingham ...	29.60	39	ESE	1	6	29.47	- .15	32	31	- 3	N	3	6	*	46	30	-	
Ardrossan ...	29.57	44	NNH	2	6	29.50	- .13	36	33	+ 4	E	2	6	2	47	32	-	
Greencastle ...	29.58	42	SE	1	6	29.45	- .18	36	34	+ 3	N	1	6	*	48	30	0.03	
Donaghadee ...	29.59	39	N	2	6	29.51	- .13	32	32	0	NNH	2	6	1	43	28	-	
Kingstown ...	29.63	41	ESE	2	6	29.53	- .13	33	32	- 2	NNH	1	6	1	42	32	-	
Holyhead ...	29.61	41	NNE	2	6	29.58	- .13	35	34	- 2	ESE	1	6	0	44	31	-	
Liverpool (Bidston) ...	29.59	38	NNH	2	6	29.50	- .14	34	32	+ 3	E	1	6	1	42	31	-	
Valencia ...	29.66	44	N	2	6	29.49	- .19	38	35	- 2	Z	0	6	1	48	32	-	
Roche's Point... ..	29.62	43	NNE	3	6	29.51	- .13	36	34	- 2	NNE	3	6	2	47	32	-	
Pembroke ...	29.57	41	NNE	2	6	29.47	- .14	34	31	- 4	NE	2	6	1	46	30	-	
Portishead ...	29.53	44	NNE	3	6	29.42	- .18	34	33	0	NNE	5	0	4	49	30	-	
Seilly ...																		
Plymouth ...	29.48	43	Z	0	6	29.39	- .19	36	34	- 2	NNE	3	0	*	49	34	-	
Hurst Castle ...	29.49	43	NNE	4	m	29.31	- .26	37	37	+ 2	NE	5	0	3	46	33	-	
Dover ...	29.30	43	NE	4	6	29.27	- .30	41	37	+ 2	NE	6	6	5	46	38	-	
London ...	29.53	43	NNE	3	6	29.38	- .22	37	34	+ 6	NE	4	0	*	45	30	-	
Oxford ...	*	*	*	*	*	29.41	- .20	34	33	+ 4	NE	2	0	*	43	30	-	
Cambridge ...	29.55	39	NE	1	6	29.42	- .20	33	31	+ 2	NNE	1	6	*	49	29	-	
Yarmouth ...	29.57	43	NE	3	6	29.40	- .29	38	35	+ 2	NE	6	6	?	44	35	-	
The Helder. ...	*	*	*	*	*	29.38	- .20	39	37	- 1	NNE	4	0	*	*	*	-	
Cape Gris Nez	29.50	43	ENE	3	0	29.24	- .24	41	39	+ 2	ENE	8	0	6	48	36	-	
Brest ...	29.42	46	ENE	4	0	29.36	- .21	41	36	+ 2	NE	3	0	4	48	36	0.12	
L'Orient ...																		
Rochefort ...	29.12	48	E	5	0	28.96	- .37	46	43	+ 1	SSE	8	4	6	54	34	0.79	
Biarritz ...	29.25	52	NNH	4	7	29.19	- .10	46	43	- 4	NNH	8	7	5	52	46	0.08	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.21	- .37	39	*	+ 1	NE	6	7	*	*	*	-	
Charleville ...	*	*	*	*	*	29.13	- .40	39	*	+ 2	ENE	7	7	*	*	*	-	
Paris ...	29.33	46	NE	4	7	29.10	- .39	38	*	- 1	NE	3	7	*	*	*	0.32	
Lyons ...	*	*	*	*	*	?	?	52	*	0	NNH	2	7	*	*	*	*	
Toulon ...	29.32	52	E	7	5	29.40	- .09	50	50	- 4	N	3	0	5	54	?	0.39	

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

	Bar.	Dry.	Wet.	Wind.		Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.
Skudesnaes ...	29.50	35	32	NNE	1	6	2	Valencia	29.69	47	40	NNE	3	6	3
Thurso	29.44	40	37	NNH	3	0	3	Scilly							
Scarborough ...	29.61	40	37	E	1	6	2	London	29.56	42	40	NNE	4	6	*
Greencastle ...	29.63	45	39	N	1	0	*	Rochefort ...	29.19	48	48	E	6	0	4
Holyhead	29.65	42	?	NNE	2	6	1								

The barometer is falling slowly except on our N.W. Coasts, and while the N.E. wind is extending to all our 5m Coasts, the N.W. wind is also freshening in the N. of Scotland. The weather is fair generally.

EXPLANATION OF COLUMNS.

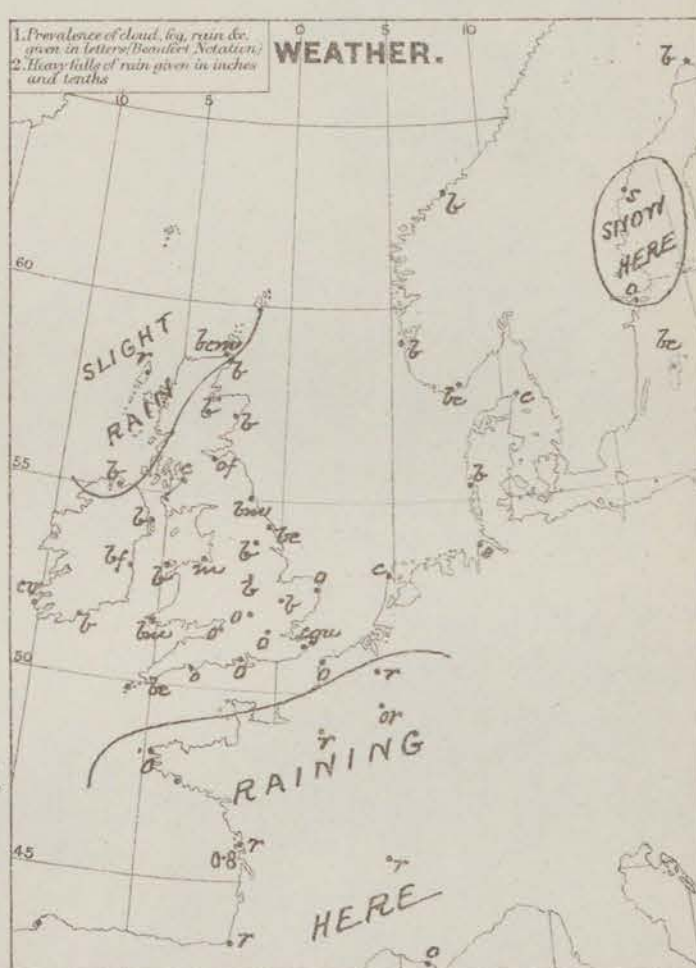
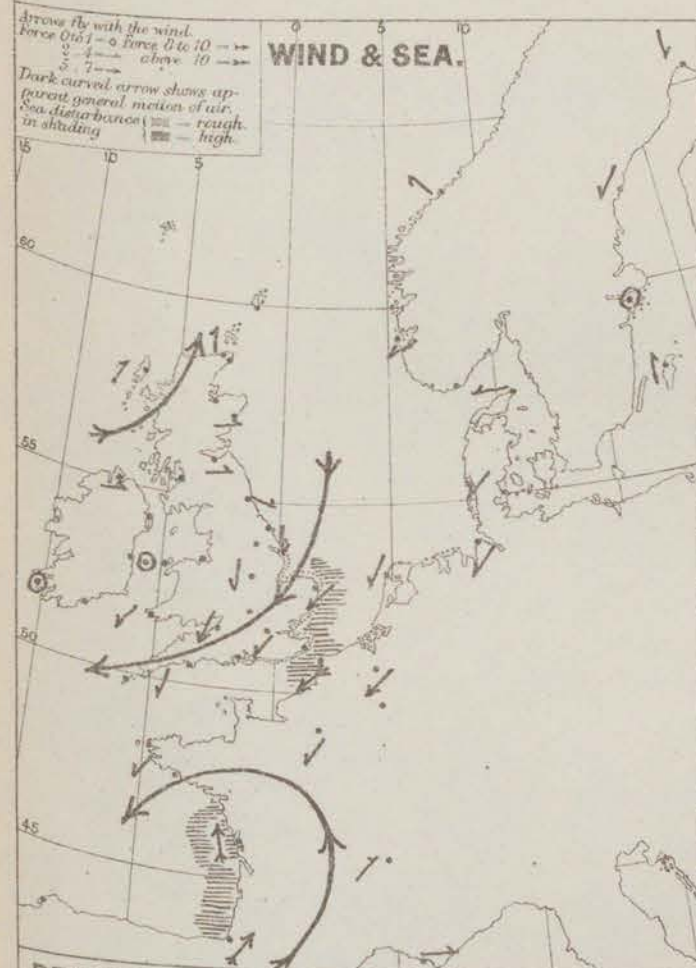
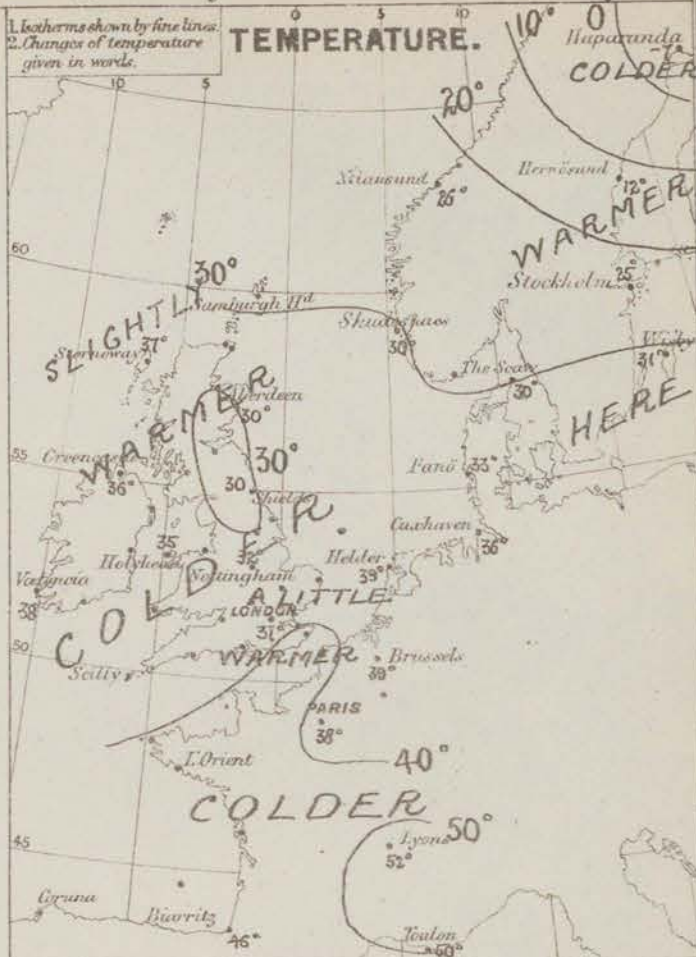
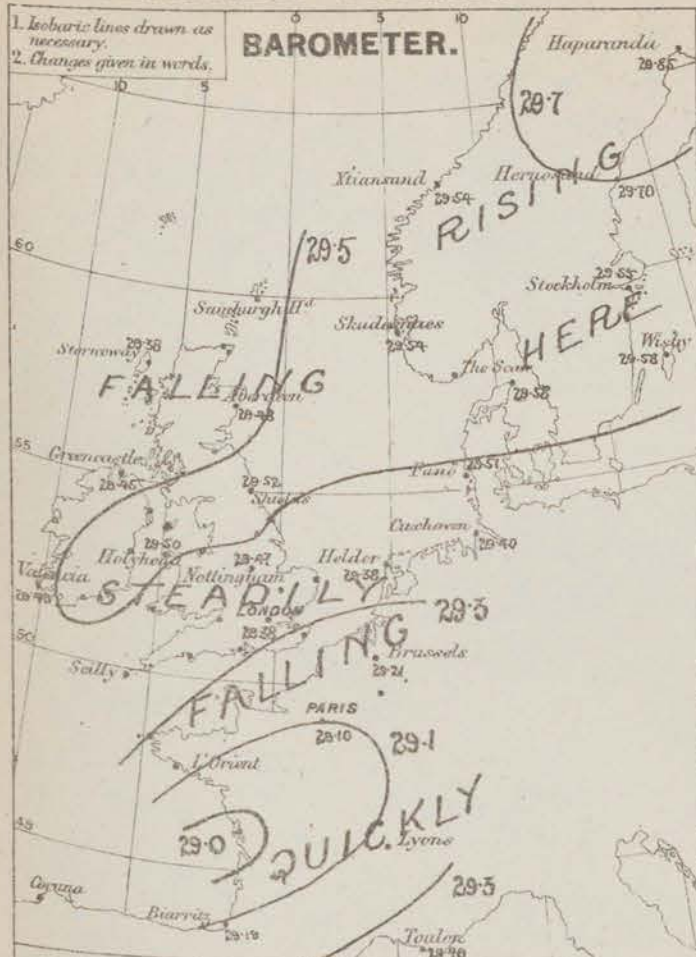
WEATHER.--Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 March 20th 1877.



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

REMARKS. During the past 24 hours the barometer has continued to fall quickly over France, and in a less degree over our Islands, while in the S. of Norway the tendency has been to rise. The gradients for NE winds are consequently becoming much steeper over France, and the Channel, but slight gradients for SW winds still hold in Scotland. The NE winds are consequently freshening generally, and is reported to be blowing a gale at Cape Fin Key, while a fresh SSE gale is felt at Rochefort, and a SW gale at Brest. In our S. countries fresh NE breezes are reported, but in the N. the wind is extremely light and variable. Temperature has risen at the SE stations, as well as on our extreme NW coast, and in the Baltic, but fallen elsewhere. It is low generally. The sky has become very cloudy at all the S. stations, but is clear in the N. and W. The sea is rising in the S. and SE. Warnings have been sent to our S. and E. coasts.

DAILY WEATHER REPORT MARCH 21st 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 350 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 12).		Reading at 350 F. and Sea Level.	Difference from 8 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.81	0	Z	0	b	29.83	- .02	- 4	- 5	+ 3	N	2	z	*	*	*	-	
Hernösand ...	29.72	13	ENE	6	o	29.68	- .02	13	13	+ 1	NE	4	s	*	*	*	0.12	
Stockholm ...	29.53	21	NNE	2	s	29.50	- .05	17	17	- 8	N	4	o	*	*	*	0.12	
Wisby ...	29.52	28	E	4	b	29.47	- .11	24	23	- 7	NE	6	o	*	*	*	-	
Christiansund ...	29.58	24	E	2	b	29.60	+ .06	24	23	- 2	SE	3	b	2	32	21	-	
Skudesnaes ...	29.58	31	Z	0	bc	29.56	+ .02	30	28	0	ESE	2	c	2	34	30	-	
Oxö (Klansand) ...	29.58	27	N	4	b	29.58	+ .01	23	22	+ 1	NNE	4	o	3	30	19	-	
Skagen (The Seaw) ...	29.57	27	NE	4	o	29.54	- .04	24	22	- 6	ENE	5	o	5	30	21	-	
Fanö ...	29.48	31	ENE	6	o	29.44	- .10	31	31	- 2	ENE	6	o	*	39	30	-	
Cuxhaven ...	29.36	47	ENE	6	o	29.27	- .13	35	35	- 1	ENE	5	s	*	30	30	-	
Sumburgh Head ...																		
Stornoway ...	29.37	44	NW	1	b	29.45	+ .07	31	30	- 6	NW	2	c	4	44	27	0.06	
Thurso ...	29.41	39	SE	2	o	29.39	- .07	38	37	+ 7	NW	2	bc	2	43	31	0.02	
Wick ...	29.42	38	S	3	o	29.41	- .05	35	34	+ 4	SW	1	o	2	43	28	-	
Nairn ...	29.41	40	Z	0	b	29.44	- .04	33	32	+ 3	Z	0	c	1	42	27	-	
Aberdeen ...	29.43	39	S	3	bc	29.42	- .06	37	34	+ 7	SW	1	o	1	42	30	-	
Leith ...	29.44	40	E	1	c	29.43	- .06	34	33	+ 5	Z	0	of	*	46	27	-	
Shields ...	29.49	38	E	2	b	29.43	- .09	37	33	+ 7	E	2	c	4	43	30	-	
York ...	29.53	39	NE	1	bc	29.43	- .08	33	32	+ 3	WSW	2	bc	*	47	29	-	
Scarborough ...	29.47	38	ENE	2	b	29.41	- .08	37	33	- 2	NE	3	c	4	41	37	-	
Nottingham ...	29.45	38	NE	4	bc	29.40	- .07	35	33	+ 3	N	2	bc	*	44	31	-	
Ardrossan ...	29.47	43	SW	2	c	29.44	- .06	35	33	- 1	NE	2	cm	1	46	33	-	
Greencastle ...	29.45	40	SW	2	c	29.42	- .03	37	36	+ 1	NE	1	c	*	47	33	0.01	
Donaghadee ...	29.46	40	WSW	3	bc	29.43	- .08	39	37	+ 7	WSW	3	c	2	43	32	-	
Kingstown ...	29.50	41	E	1	b	29.46	- .07	36	34	+ 3	WSW	3	cf	3	42	32	-	
Holyhead ...	29.47	41	N	3	b	29.44	- .06	35	33	0	S	1	b	0	44	34	-	
Liverpool (Bidston) ...	29.45	40	N	2	c	29.45	- .05	34	32	0	Z	0	bc	1	43	32	-	
Valencia ...	29.48	44	N	2	bc	29.43	- .06	39	38	+ 1	SE	3	sq	4	49	36	0.11	
Roche's Point ...	29.50	44	SSE	2	bc	29.47	- .04	40	37	+ 4	NW	1	bc	1	48	36	-	
Pembroke ...	29.44	42	NNE	2	c	29.45	- .02	36	35	+ 2	NE	1	cm	0	46	33	-	
Portishead ...	29.34	35	NNE	3	o	29.40	- .02	36	35	+ 2	N	3	bc	3	43	30	-	
Seilly ...																		
Plymouth ...	29.37	41	ENE	3	o	29.44	+ .05	34	33	- 2	N	1	bc	*	43	31	-	
Hurst Castle ...	29.30	40	NNE	5	o	29.36	+ .05	36	36	- 1	N	4	m	2	40	33	-	
Dover ...	29.18	38	NE	6	o	29.17	- .10	37	36	- 4	NNE	4	ot	2	43	36	0.62	
London ...	29.30	37	NE	5	osr	29.29	+ .09	36	35	- 1	N	5	ogs	*	40	34	0.10	
Oxford ...	*	*	*	*	*	29.39	- .02	35	33	+ 1	N	2	o	*	40	33	-	
Cambridge ...	29.36	38	NW	2	o	29.30	- .12	35	34	+ 2	N	3	s	*	41	31	0.04	
Yarmouth ...	29.33	36	NE	7	p	29.21	- .19	38	36	0	NE	7	c	*	40	35	0.12	
The Helder ...	*	*	*	*	*	29.13	- .25	35	35	- 4	NE	3	s	*	*	*	0.04	
Cape Gris Nez ...	29.15	29	ENE	8	f	29.13	- .11	39	39	- 2	NNE	5	s	4	45	36	0.28	
Brest ...	29.35	36	NE	3	o	29.45	+ .15	36	32	- 5	NE	1	bc	2	45	32	0.12	
L'Orient ...	29.22	39	NNE	5	o	29.49		37	36		N	2	b	3	41	34	0.12	
Rochefort ...	29.20	44	NW	9	o	29.40	+ .44	41	39	- 5	E	3	bc	3	50	34	0.20	
Biarritz ...	29.38	34	N	5	f	29.47	+ .28	43	39	- 3	SSW	1	bc	5	50	36	0.12	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.05	- .16	40	*	+ 1	SSW	3	p	*	*	*	0.35	
Charleville ...	*	*	*	*	*	29.16	+ .03	41	*	+ 2	SW	9	o	*	*	*	*	
Paris ...	*	*	*	*	*	29			*					*	*	*	*	
Lyons ...	*	*	*	*	*	29.46	?	48	*	- 4	SE	2	c	*	*	*	*	
Toulon ...	29.47	50	N	4	c	29.54	+ .14	46	43	- 4	N	3	c	5	34	48	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.56	33	32	SSW	1	f	1	Valencia	29.48	48	41	S	1	bc	2
Thurso	29.43	42	38	SSE	2	cm	2	Seilly							
Scarborough ...	29.48	39	36	ENE	3	bc	3	London	29.31	40	37	NE	4	o	*
Greencastle ...	29.44	45	42	SSW	2	c	*	Rochefort ...	28.92	48	48	NW	9	f	7
Holyhead	29.48	43	39	N	3	b	2								

The barometer is still falling over our Islands, but more in the SE. than elsewhere, and NE. winds prevail over England, while light S. breezes are felt in Ireland and Scotland.

EXPLANATION OF COLUMNS.

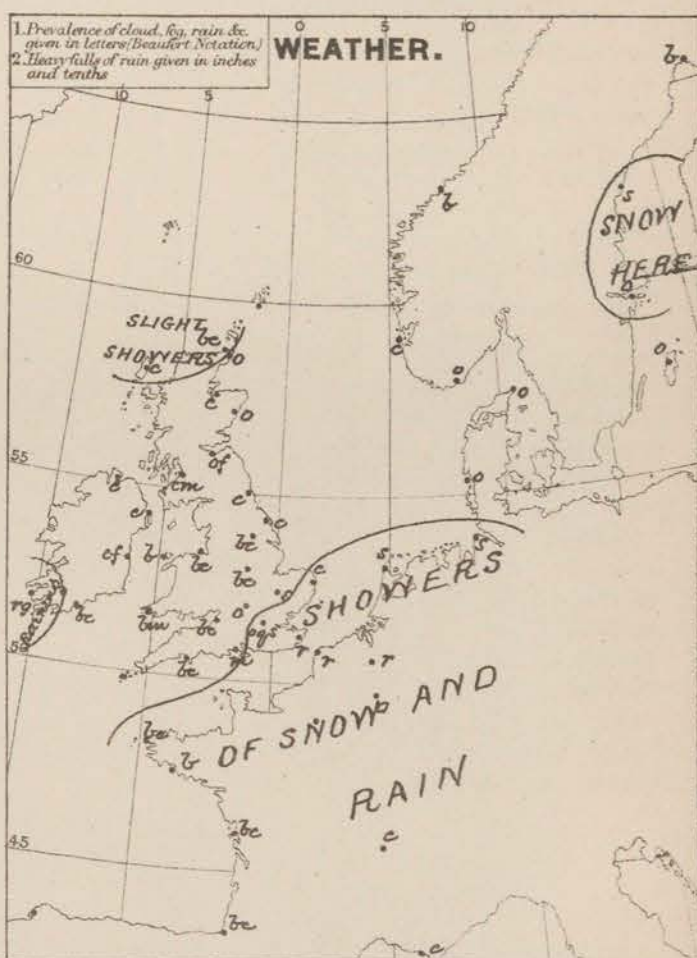
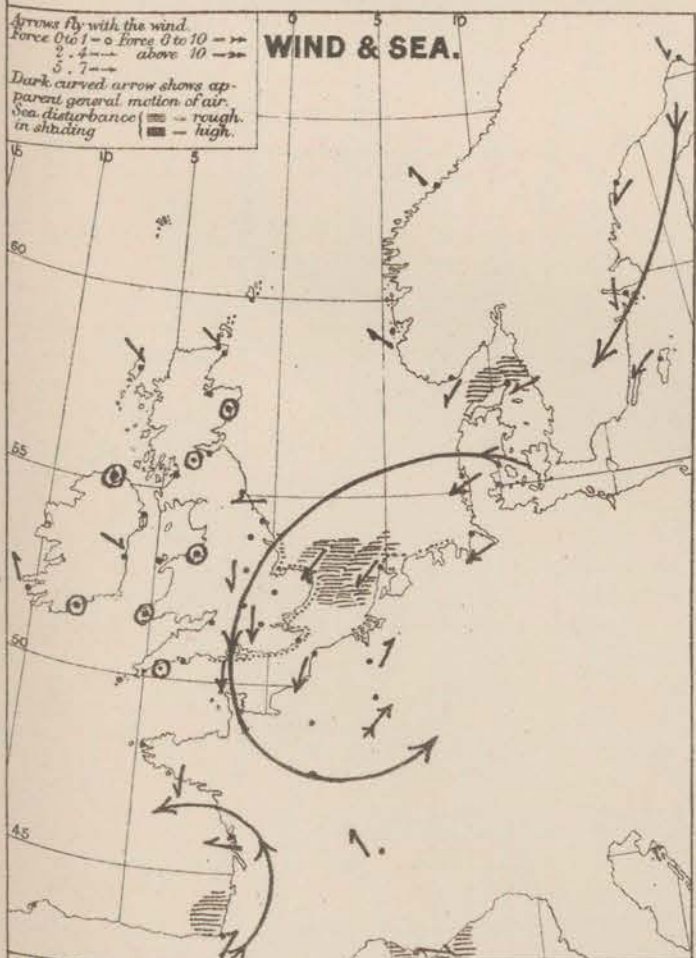
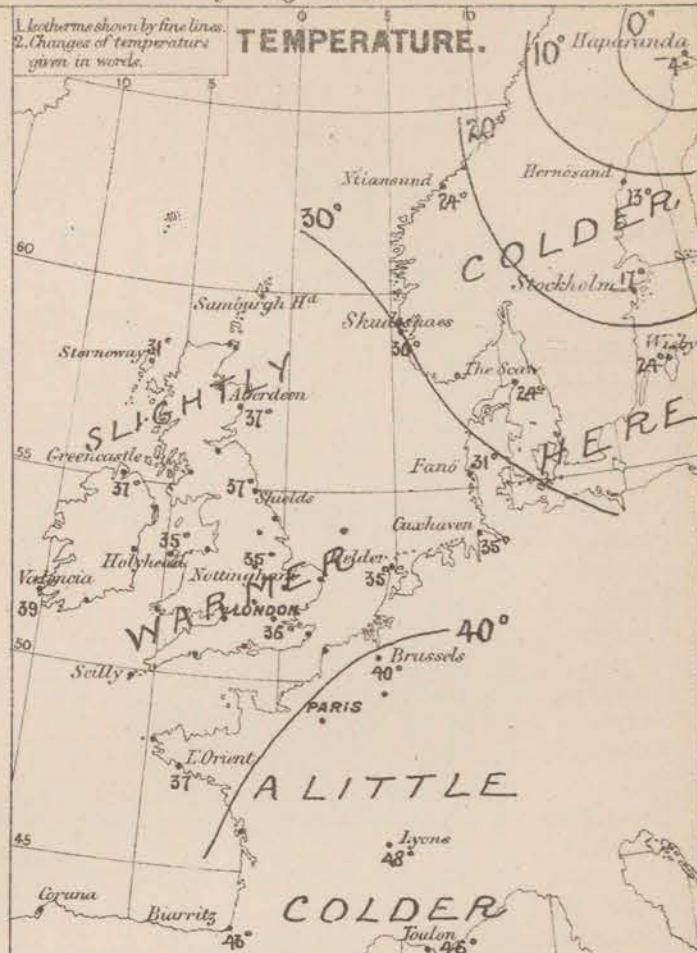
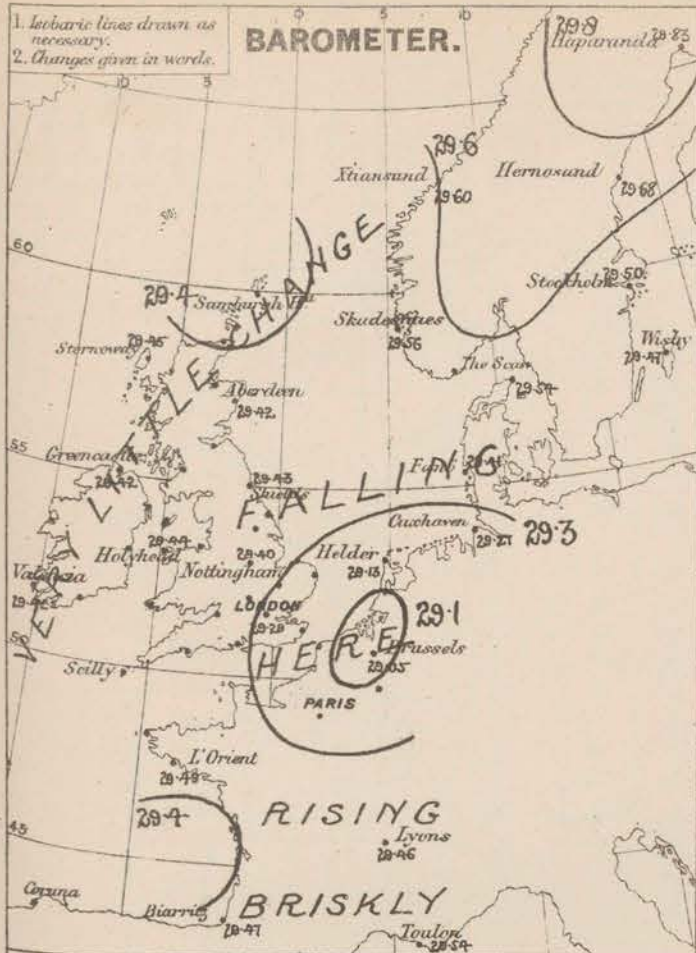
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Wednesday March 21st 1877.



REMARKS. The area of low pressure which lay over the Bay of Biscay yesterday morning has travelled quickly in a N.E. direction across France and now lies over Belgium. The barometer has consequently risen quickly in the W. of France, while it has fallen at the S.E. stations, but on the W. and N. coasts the changes have been very slight. As the disturbance advances the winds rose to a gale from the N.E. both in the S.E. of England, and N. of France, accompanied by squalls of snow and soft hail. This morning's observations show that fresh to strong N. winds are still blowing on our S.E. coasts, and in the S. of Dover, while at Brussels the wind is S.W. and at Charleville (N.E. of France) a strong S.W. gale is reported. Temperature has risen a little in our Islands, but falling in the Baltic, and is still low generally. The weather is now very cloudy, except in Wales and the W. of England, and slight snow still falls over our S.E. countries. The sea remains rough off our S.E. coasts, but has gone down elsewhere. On E. and S.E. coasts now warmed yesterday morning.

DAILY WEATHER REPORT

MARCH 22nd 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 820 P.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 ...	29.51	1	Z	0	f	29.50	- .03	8	8	+ 12	NE	2	6	*	*	*	-	
Hernösand ...	29.69	13	NE	2	o	29.67	- .01	10	10	- 3	NE	4	0	*	*	*	-	
Stockholm ...	29.49	17	N	5	o	29.53	+ .03	14	14	- 3	N	4	0	*	*	*	-	
Wisby ...	29.45	26	NE	8	s	29.54	+ .07	23	22	- 1	NE	4	0	*	*	*	0.04	
Christiansund ...	29.59	26	E	3	b	29.57	- .03	26	21	+ 2	ESE	3	6	2	30	21	-	
Skudesnaes ...	29.55	30	NNE	2	c	29.63	+ .07	31	30	+ 1	SSW	2	0	3	34	30	-	
Oxö (Xtiansand) ...	29.54	28	NE	6	b	29.63	+ .05	24	23	+ 1	NE	6	0	4	28	21	-	
Skagen (The Saw)	29.55	26	ENE	6	o	29.63	+ .09	22	20	- 2	E	4	0	4	27	19	-	
Fanö ...	29.43	30	ENE	6	o	29.53	+ .12	30	29	- 1	ENE	4	0	*	32	28	-	
Cuxhaven ...	29.24	45	E	6	s	29.41	+ .16	34	33	- 1	NE	5	0	*	32	32	0.16	
Sumburgh Head ...																		
Stornoway ...	29.49	39	NW	2	b	29.59	+ .14	32	31	+ 1	NW	2	6	4	44	27	0.09	
Thurso ...	29.43	38	N	3	o	29.55	+ .16	39	36	- 3	NNW	4	6	4	45	32	0.13	
Wick ...	29.46	36	NW	2	b	29.57	+ .16	34	32	- 2	NNW	2	0	0	44	29	0.06	
Nairn ...	29.48	37	NW	1	b	29.60	+ .16	32	31	- 1	Z	0	0	1	42	30	-	
Aberdeen ...	29.57	36	SSW	1	c	29.68	+ .16	32	30	- 5	N	2	6	1	38	29	0.04	
Leith ...	29.52	35	E	2	c	29.62	+ .19	34	32	0	N	3	6	*	44	30	0.07	
Shields ...	29.48	38	E	4	b	29.65	+ .22	33	32	- 2	N	2	0	3	42	32	0.06	
York ...	29.47	38	NE	1	b	29.65	+ .22	30	30	- 3	N	1	6	*	45	29	-	
Scarborough ...	29.47	38	NNE	2	b	29.64	+ .23	36	34	- 2	N	1	0	2	42	31	-	
Nottingham ...	29.48	40	N	2	b	29.62	+ .22	31	30	- 4	SSW	1	cf	*	44	24	-	
Ardrossan ...	29.47	43	NW	3	c	29.66	+ .22	31	?	- 4	S	1	sf	1	46	30	-	
Greencastle ...	29.52	40	NNE	2	o	29.69	+ .27	33	32	- 4	NW	1	0	*	46	32	0.20	
Donaghadee ...	29.46	40	WSW	3	b	29.67	+ .24	39	37	0	N	3	c	2	43	32	-	
Kingstown ...	29.52	42	WSW	1	c	29.73	+ .27	36	34	0	N	3	cf	3	43	34	0.01	
Holyhead ...	29.49	41	WSW	1	c	29.68	+ .24	41	37	+ 6	NNW	3	6	3	43	35	0.01	
Liverpool (Bidston) ...	29.50	38	NNW	1	o	29.65	+ .20	39	37	+ 5	NNW	2	6	2	42	34	-	
Valencia ...	29.55	43	E	2	c	29.81	+ .38	41	38	+ 2	NE	2	6	3	44	34	0.10	
Roche's Point ...	29.56	46	SW	3	b	29.76	+ .29	39	35	- 4	N	3	6	2	49	37	-	
Pembroke ...	29.57	45	NW	1	b	29.70	+ .25	40	38	+ 4	NW	1	c	1	47	36	0.03	
Portishead ...	29.46	41	NNW	3	b	29.67	+ .27	37	36	+ 1	NNW	1	6	1	51	32	-	
Scilly ...																		
Plymouth ...	29.52	43	N	1	b	29.73	+ .29	37	36	+ 3	Z	0	0	*	53	32	0.06	
Hurst Castle ...	29.43	44	NNE	4	c	29.69	+ .33	43	43	+ 7	Z	0	m	1	45	30	-	
Dover ...	29.31	38	NNE	3	b	29.65	+ .48	35	33	- 2	NW	3	6	1	40	33	0.06	
London ...	29.46	40	N	3	b	29.66	+ .37	31	30	- 5	WSW	1	bf	*	41	25	-	
Oxford ...	*	*	*	*	*	29.49	+ .30	30	29	- 5	Z	0	b	*	44	24	-	
Cambridge ...	29.46	36	N	2	c	29.69	+ .39	31	30	- 4	SW	1	6	*	41	25	0.03	
Yarmouth ...	29.36	38	NNE	5	c	29.63	+ .42	35	34	- 3	NNW	2	0	3	41	31	0.05	
The Helder ...	*	*	*	*	*	29.54	+ .41	37	35	+ 2	Z	0	c	*	*	*	0.24	
Cape Gris Nez ...	29.39	39	N	5	o	29.67	+ .24	37	36	- 2	N	3	b	2	41	36	0.08	
Brest ...	29.56	52	N	1	b	29.77	+ .22	43	37	+ 7	NNW	2	0	2	?	34	-	
L'Orient ...	29.55	43	N	3	b	29.79	+ .30	41	37	+ 4	NN	3	0	3	48	36	-	
Rochefort ...	29.45	50	NW	3	b	29.68	+ .28	39	37	- 2	NE	4	6	3	54	34	-	
Biarritz ...	29.55	54	N	3	f	29.67	+ .20	43	41	0	NE	3	6	4	?	36	0.83	
Corunna ...	*	*	*	*	*									*	*	*	*	
Brussels ...	*	*	*	*	*	29.63	+ .38	37	*	- 3	SW	3	0	*	*	*	0.05	
Charleville ...	*	*	*	*	*	29.59	+ .43	37	*	- 4	WSW	3	0	*	*	*	*	
Paris ...	29.47	40	N	2	b	29.67	+ .39	37	*	- 2	NNW	2	m	*	*	*	-	
Lyons ...	*	*	*	*	*	29.57	+ .05	48	*	0	NW	2	6	*	*	*	*	
Toulon ...																		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.54	33	32	NNW	1	c	2	Valencia	29.47	42	40	ESE	3	tg	44
Thurso	29.43	42	39	NNW	4	s	3	Scilly							
Scarborough ...	29.43	40	36	NNE	3	b	4	London	29.39	40	37	NW	3	o	*
Greencastle ...	29.51	44	40	NE	2	b	*	Rochefort ...	29.43	48	45	NNW	2	b	3
Holyhead	29.47	41	39	NE	2	b	0								

The barometer has risen generally since 8 a.m., and the wind at Yarmouth has backed to N. and lulled.

EXPLANATION OF COLUMNS.

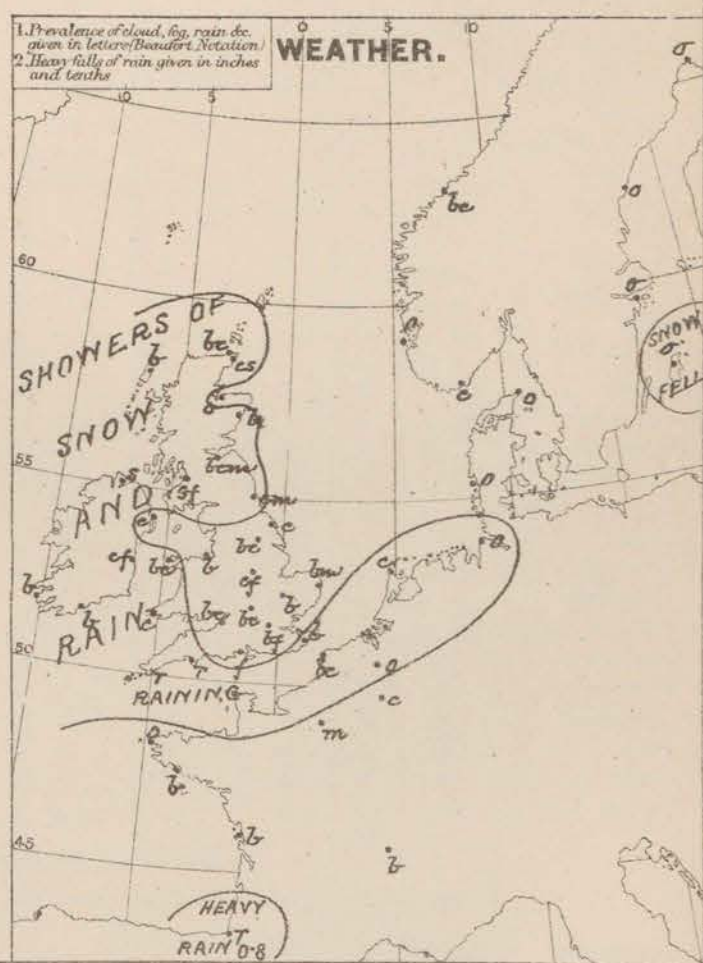
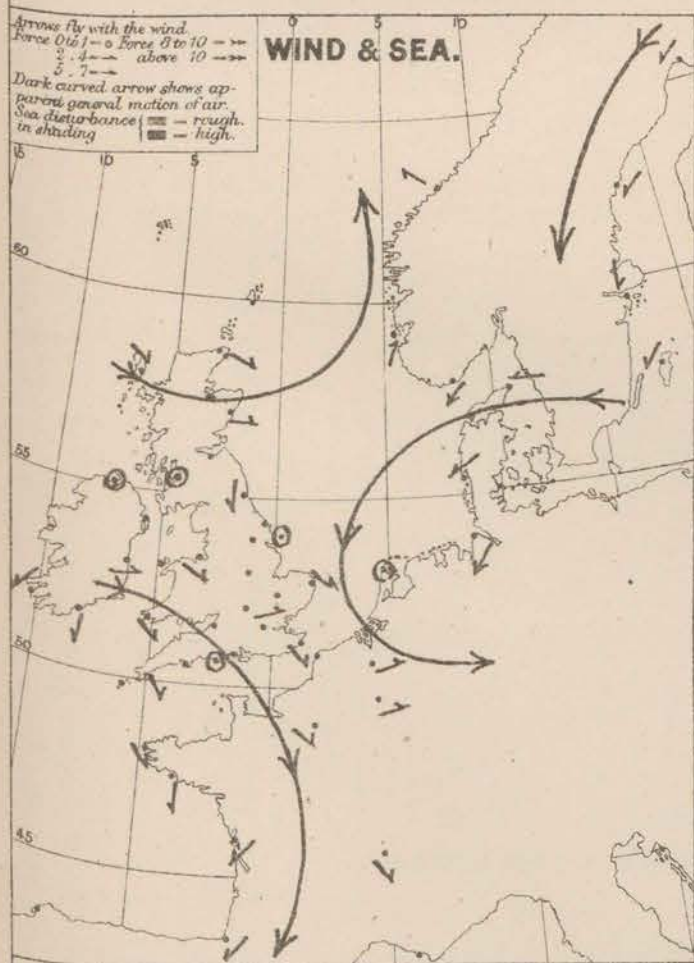
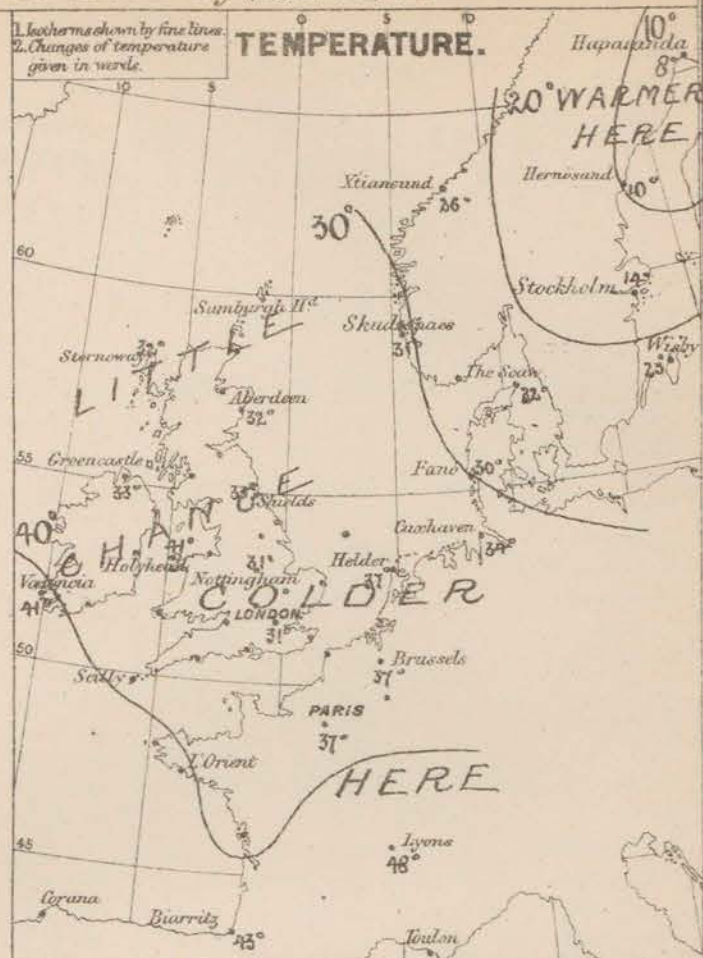
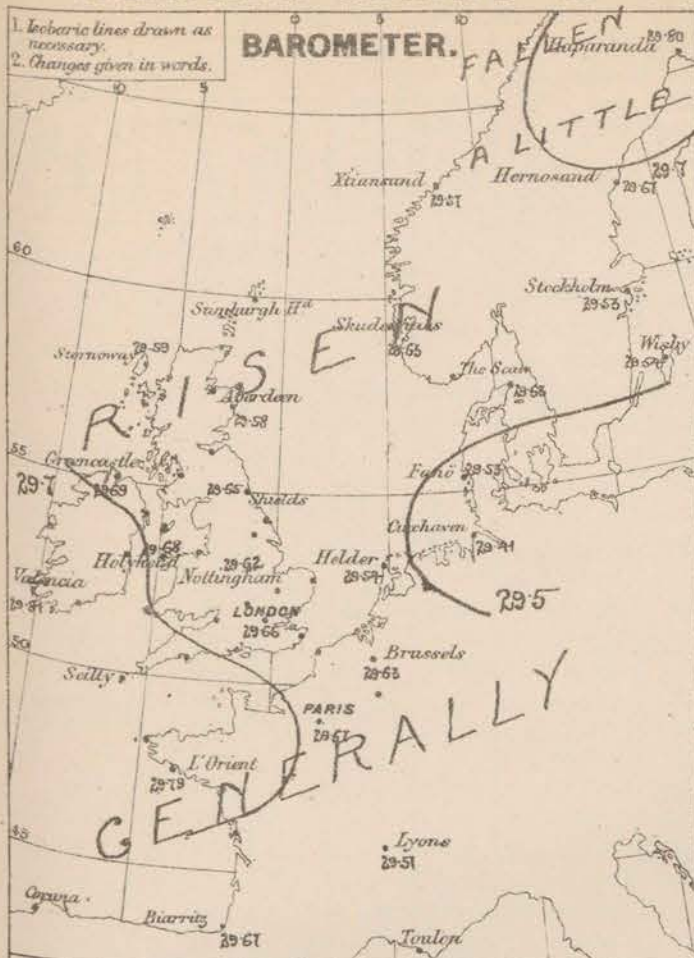
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 March 22nd 1877.



REMARKS. The small depression which lay over Belgium yesterday has continued to travel in a NE direction, and has now reached N. Germany. The barometer has consequently risen over the whole of our Islands, France, and the Netherlands, and readings now vary from 29.8 in. at Valentia and Haparanda to 29.4 in. at Copenhagen. The winds (though chiefly NW or N) has become very light, and variable over the United Kingdom and France, while moderate to fresh NE breezes are reported on the E shores of the North Sea. Temperature has fallen several degrees in the E. and SE. of England, as well as over France, but is still inclined to rise in the W. In London it fell to 25° in the shade, and 19° in the grass during the night, but had risen again to 31° in the shade by day. Bright showers of sun have fallen in many places, even in the North NE. Lightning was seen at Bunkers last night, and some hail at several of the Central English stations. The sky is now clear in the SW and S. of our Islands, though fog prevails in some places. Snow is falling in several parts of our N. coasts. The sea is moderate in the extreme N. smooth elsewhere.

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

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

R. H. SCOTT.
Director.

Dangerfield Lth 22 Bedford St. Covent Garden

DAILY WEATHER REPORT MARCH 23rd 1877.

STATIONS.	↑ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.			
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.	
Haparanda ...	29.74	9	NE	4	0	29.84	+ .14	5	4	- 3	N	2	0	*	*	*	-	
Hernösand ...	29.73	8	NNE	2	0	29.91	+ .24	10	10	0	Z	0	5	*	*	*	-	
Stockholm ...	29.76	13	N	4	6	29.84	+ .31	8	8	- 6	NNE	2	C	*	*	*	-	
Wisby ...	29.79	21	NE	4	6	29.85	+ .31	23	22	0	E	4	0	*	*	*	-	
Christiansund ...	29.60	29	E	3	m	29.63	- .04	25	22	+ 2	ESE	4	6	2	30	25	-	
Skudesnaes ...	29.73	30	S	3	0	29.72	+ .09	29	26	- 2	SE	4	0	4	32	?	-	
Oxö (Xtiansand) ...	29.74	26	NE	4	0	29.73	+ .10	?	?	?	Z	0	0	2	27	19	-	
Skagen (The Seaw) ...	29.74	25	ENE	3	0	29.73	+ .10	27	26	+ 5	SE	3	5	3	30	?	0.04	
Fanö ...	29.70	30	Z	0	0	29.73	+ .20	32	31	+ 2	NNN	2	6	*	32	27	-	
Cuxhaven ...	29.68	34	NN	4	5	29.77	+ .30	36	34	+ 2	NNN	3	6	*	*	30	0.06	
Sumburgh Head																		
Stornoway	29.63	38	SW	1	6	29.49	- .10	33	32	+ 1	NNN	1	0	3	42	27	0.04	
Thurso ...	29.64	39	Z	0	6	29.53	- .02	32	31	- 7	S	1	6	2	46	30	0.01	
Wick ...	29.66	38	Z	0	6	29.53	- .04	35	33	+ 1	Z	0	6	0	44	28	-	
Nairn ...	29.66	40	Z	0	6	29.66	- .04	33	32	+ 1	Z	0	0	1	43	29	0.09	
Aberdeen ...	29.67	36	E	2	6	29.58	- .00	32	30	0	SSW	1	0	1	42	29	0.04	
Leith ...	29.68	38	S	2	6	29.59	- .03	37	35	+ 3	SW	2	6	*	47	32	-	
Shields ...	29.73	33	Z	0	0	29.67	+ .02	32	30	- 1	SW	1	f	3	41	26	0.09	
York ...	29.75	35	N	1	3	29.73	+ .08	30	29	0	SE	1	0	*	46	26	0.03	
Scarborough ...	29.73	37	N	1	6	29.71	+ .07	31	30	- 5	SSW	1	f	2	39	29	-	
Nottingham ...	29.77	37	NN	1	0	29.74	+ .12	32	30	+ 1	SSW	1	6	*	51	23	-	
Ardrossan ...	29.71	43	NNN	2	6	29.59	- .07	40	37	+ 9	SSE	3	0	3	44	31	0.01	
Greencastle ...	29.73	38	N	3	0	29.49	- .30	37	35	+ 4	SSE	3	6	*	44	31	0.07	
Donaghadee ...	29.75	41	NN	4	6	29.56	- .11	37	36	- 2	SSW	3	0	2	43	32	-	
Kingstown ...	29.80	42	Z	0	6	29.68	- .15	40	38	+ 4	S	3	0	2	42	35	-	
Holyhead ...	29.78	41	N	1	6	29.63	- .05	40	39	- 1	SSE	3	0	2	45	39	-	
Liverpool (Bidston) ...	29.76	39	NNN	2	6	29.57	+ .02	35	33	- 4	SSE	2	0	*	44	31	0.01	
Valencia ...	29.85	44	NNN	2	0	29.33	- .48	47	45	+ 6	SSE	3	0	3	50	39	0.45	
Roche's Point...	29.82	44	NN	3	6	29.46	- .30	44	43	+ 5	SSW	6	f	4	49	39	0.28	
Pembroke ...	29.82	40	Z	0	0	29.63	- .07	43	40	+ 3	SW	5	0	4	45	37	-	
Portishead ...	29.79	37	NNN	3	6	29.73	+ .06	37	36	0	NNN	2	0	2	50	30	-	
Scilly ...																		
Plymouth ...	29.84	44	NN	2	6	29.72	- .01	38	38	+ 1	Z	0	f	*	50	31	0.10	
Hurst Castle ...	29.79	42	Z	0	6	29.77	+ .08	42	41	- 1	SE	1	6	1	47	29	0.03	
Dover ...	29.79	37	NNN	2	0	29.80	+ .15	37	35	+ 2	SW	1	6	1	43	32	0.04	
London ...	29.77	40	Z	0	0	29.79	+ .13	33	32	+ 2	Z	0	6	*	49	26	0.05	
Oxford ...	*	*	*	*	*	29.76	+ .07	32	31	+ 2	Z	0	6	*	47	25	-	
Cambridge ...	29.65	38	N	1	0	29.78	+ .09	30	29	- 1	SW	1	6	*	49	25	0.01	
Yarmouth ...	29.73	38	SSE	3	0	29.78	+ .15	31	30	- 4	N	1	f	3	42	27	-	
The Helder ...	*	*	*	*	*	29.80	+ .26	33	33	- 4	Z	0	6	*	*	*	-	
Cape Gris Nez	29.79	41	N	1	0	29.83	+ .16	37	37	0	Z	0	0	0	46	36	0.01	
Brest ...	29.92	48	Z	0	P	29.77	- .00	46	43	+ 3	SSW	3	0	3	50	37	0.16	
L'Orient ...	29.96	41	NNN	3	0	29.87	+ .08	43	41	+ 2	N	3	0	3	?	?	0.04	
Rochefort ...	29.86	30	NN	4	6	29.86	+ .18	46	45	+ 7	SW	5	6	3	50	?	0.08	
Biarritz ...	29.95	35	NNN	3	6	30.00	+ .33	45	43	+ 2	SSW	4	f	3	?	39	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.83	+ .20	35	*	- 2	SW	3	f	*	*	*	0.02	
Charleville ...	*	*	*	*	*	29.88	+ .29	31	*	- 7	SE	3	0	*	*	*	*	
Paris ...	29.84	44	NN	3	6	29.87	+ .20	40	*	+ 3	N	1	6	*	*	*	-	
Lyons ...	*	*	*	*	*	29.95	+ .44	41	*	- 7	?	2	6	*	*	*	*	
Toulon ...	29.87	45	NN	2	0	29.98	+ .35	39	36	- 7	NN	6	6	6	48	?	0.12	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.70	32	29	S	4	0	Valencia ...	29.86	49	43	N	3	6
Thurso ...	29.64	44	37	NNN	3	6	Scilly ...						
Scarborough ...	29.70	38	37	NE	1	0	London ...	29.71	45	40	NNN	2	0
Greencastle ...	29.73	36	34	NN	3	0	Rochefort ...	29.76	50	50	N	4	6
Holyhead ...	29.76	42	29	N	2	6							

The barometer continues to rise on all our coast and N to NNW breeze prevail very generally. Low is still falling in the North 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.

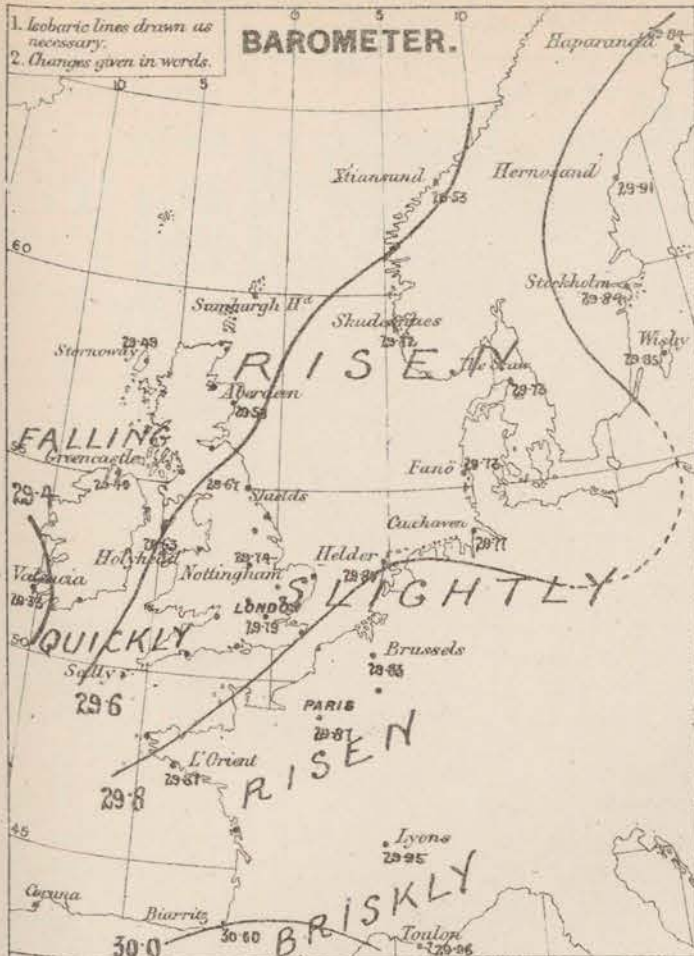
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 March 23rd 1877.

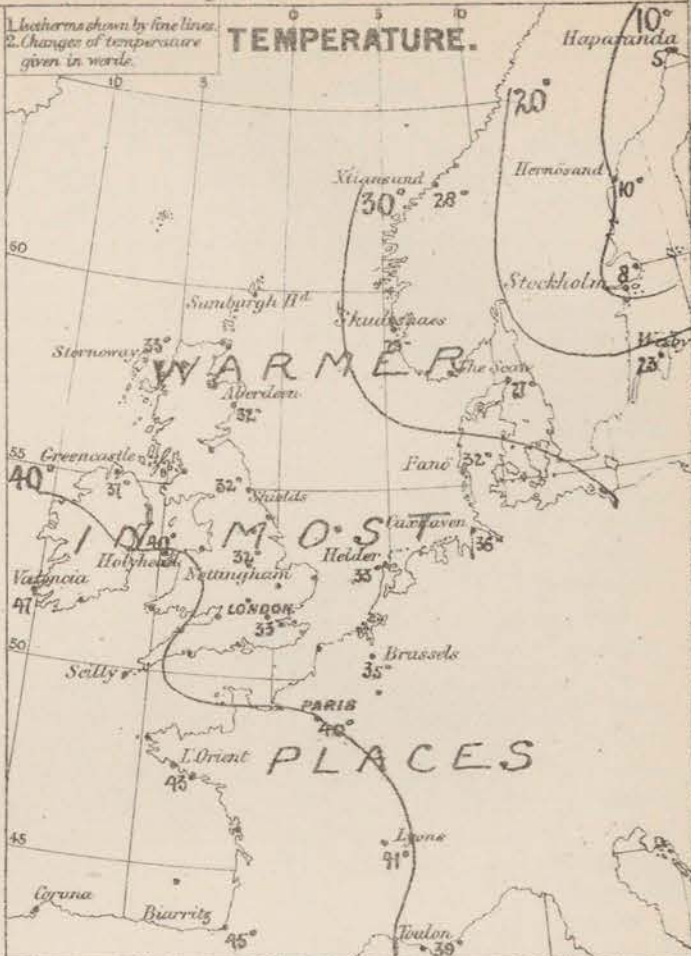
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



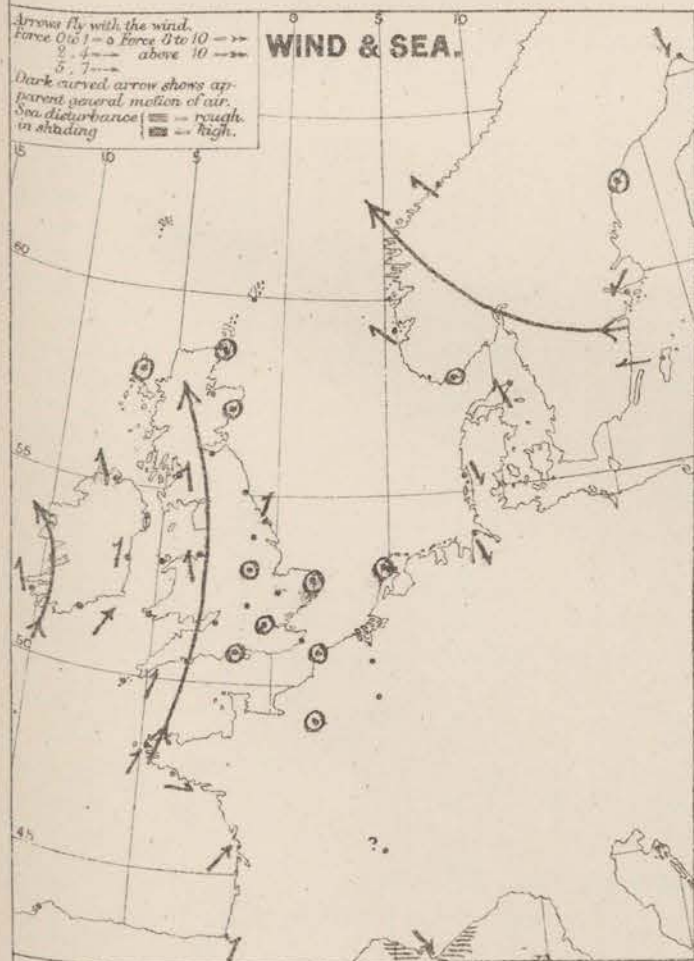
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



1. Arrows fly with the wind. Force 0 to 10 — 0 to 10 — 2 to 10 — 3 to 10 — 4 to 10 — 5 to 10 — 6 to 10 — 7 to 10 — 8 to 10 — 9 to 10 — 10 to 10 —
2. Dark curved arrow shows apparent general motion of air. Sea disturbance (—) rough in shading (—) high.

WIND & SEA.



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

WEATHER.



REMARKS. During the past night a very sudden fall of the barometer has taken place along our W^{coasts}, amounting to more than half an inch at Valentia since 6 p.m., and to a quarter of an inch at Newcastle. On our SE^{coasts}, however, as well as at nearly all the French and N. German stations the mercury has risen briskly. Rather steep gradients for 3 winds have become established over our SW^{coasts}, but no the E. pressure is very uniform. Changes have set in over nearly the whole of our Islands, and though slight in the E. they blow very fresh at the mouth of St. George's Channel. In the W. of Norway the wind is SE^{coasts}, but in other parts of the Continent it is very variable. Temperature was very low over England last night. At our Central and E^{stations} it fell to 25° in 26° in the shade, and in London the thermometer went down to 18° on the grass. It is now raining over our Islands generally, as well as in the N. and W. of France. A good deal of rain has fallen in the S. of Ireland, and continues at Rock's Point. Slight showers of cold rain or snow have occurred in many other places. In London a smart shower of wet snow last evening, was followed by a glazed frost as the sky cleared. The sky is now generally clear except in the W., but the weather is unsettled. The sea is moderate off our SW^{coasts}, smooth or nearly so elsewhere.

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

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT MARCH 24TH 1877.

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 ...	29.95	- 6	SW	2	b	30.00	+ .16	- 13	- 14	- 18	N	2	f	*	*	*	-	
Hernösand ...	30.34	3	Z	0	o	29.82	- .09	10	10	0	NNE	4	c	*	*	*	-	
Stockholm ...	29.74	17	NE	6	s	29.59	- .35	18	17	+ 10	N	4	c	*	*	*	0.20	
Wisby ...	29.69	24	NE	4	s	29.53	- .02	21	21	- 2	N	8	c	*	*	*	0.16	
Christiansund ...	29.58	33	SE	3	b	29.49	- .04	28	25	0	SE	4	b	3	34	25	-	
Skudesnaes ...	29.67	29	SE	6	c	29.54	- .18	31	29	+ 2	SE	8	c	5	32	28	-	
Oxö (Xtiansand) ...	29.75	26	NNE	4	b	?	?	23	22	?	NNE	4	c	2	32	17	-	
Skagen (The Seaw) ...	29.76	27	ENE	3	o	29.71	- .02	25	23	- 2	ENE	3	o	2	30	21	-	
Fanö ...	29.76	30	S	1	b	29.64	- .09	30	30	- 2	ESE	4	b	*	36	27	-	
Cuxhaven ...	29.79	37	E	3	b	29.60	- .17	34	33	- 2	SE	3	b	*	*	30	-	
Sumburgh Head ...																		
Stornoway ...	29.34	42	SE	4	o	29.20	- .12	37	35	+ 4	E	4	bc	4	43	31	0.05	
Thurso ...	29.41	41	Z	0	o	29.32	- .21	37	36	+ 5	SSE	2	m	2	45	32	-	
Wick ...	29.43	39	SW	2	bc	29.33	- .20	40	39	+ 5	SSE	3	c	2	45	30	-	
Nairn ...	29.42	42	Z	0	b	29.28	- .23	36	34	+ 3	SE	1	c	1	45	31	0.02	
Aberdeen ...	29.44	39	S	2	b	29.30	- .28	39	37	+ 7	SSE	4	c	3	43	32	-	
Leith ...	29.42	42	S	2	o	29.20	- .39	39	38	+ 2	SSE	3	o	*	50	33	-	
Shields ...	29.49	42	S	2	b	29.22	- .45	41	39	+ 9	SSE	6	o	4	45	32	0.04	
York ...	29.51	45	S	1	o	29.24	- .49	38	37	+ 8	SSE	2	f	*	47	28	0.04	
Scarborough ...	29.53	40	SSE	4	o	29.25	- .46	37	37	+ 6	SSE	7	f	5	44	30	0.02	
Nottingham ...	29.49	43	SSE	3	o	29.23	- .37	38	38	+ 6	SSW	2	f	*	48	30	0.07	
Ardrossan ...	29.40	43	SE	3	o	29.15	- .44	38	36	- 2	E	2	r	2	48	38	0.15	
Greencastle ...	29.28	43	SE	2	o	29.06	- .43	36	36	- 1	WSW	1	o	*	48	33	0.06	
Donaghadee ...	29.32	41	SSE	5	f	29.08	- .48	37	37	0	W	5	f	4	45	32	0.62	
Kingstown ...	29.21	42	SE	6	o	29.17	- .41	40	37	0	SSE	3	c	2	44	36	0.36	
Holyhead ...	29.29	41	SSE	5	f	29.14	- .47	40	38	0	W	3	bc	3	48	39	0.15	
Liverpool (Bidston) ...	29.37	44	SE	4	o	29.15	- .52	39	37	+ 4	WSW	4	o	4	47	35	0.19	
Valencia ...	29.46	44	W	5	bc	28.93	- .60	43	42	- 4	SE	1	lg	2	49	38	0.68	
Roche's Point ...	29.34	44	W	5	bc	29.01	- .45	44	43	0	S	5	r	5	30	38	0.25	
Pembroke ...	29.29	45	WSW	5	o	29.23	- .40	44	41	+ 1	SW	3	c	4	45	41	0.50	
Portishead ...	29.43	40	SE	3	f	29.29	- .44	41	38	+ 4	WSW	4	c	3	49	35	0.31	
Scilly ...																		
Plymouth ...	29.49	43	E	2	f	29.33	- .39	42	42	+ 4	WSW	4	bc	*	46	36	0.39	
Hurst Castle ...	29.44	45	S	5	f	29.33	- .44	43	43	+ 1	WSW	5	bc	5	46	35	0.35	
Dover ...	29.27	44	ESE	2	bc	29.23	- .57	39	38	+ 2	W	4	o	3	45	34	0.12	
London ...	29.52	44	SSE	1	o	29.27	- .52	40	36	+ 7	WSW	3	bc	*	49	32	0.38	
Oxford ...	*	*	*	*	*	29.27	- .49	39	37	+ 7	WSW	2	c	*	48	32	0.35	
Cambridge ...	29.34	43	SSE	1	o	29.25	- .53	36	36	+ 6	SE	1	f	*	49	29	0.17	
Yarmouth ...	29.31	40	SSE	3	b	29.21	- .57	37	37	+ 6	ESE	4	f	*	41	32	0.22	
The Helder ...	*	*	*	*	*	29.27	- .43	38	36	+ 5	ESE	2	f	*	*	*	-	
Cape Gris Nez ...	29.60	40	S	1	o	29.26	- .57	41	39	+ 4	W	7	c	6	46	36	0.20	
Brest ...	29.54	39	WSW	5	c	29.49	- .38	46	43	0	W	4	o	5	30	37	0.43	
L'Orient ...	29.53	48	WSW	5	m	29.50	- .31	46	43	+ 3	WSW	5	c	4	32	41	0.36	
Rocheport ...	29.58	?	SSW	7	o	29.65	- .21	46	45	0	WSW	3	o	3	?	36	0.35	
Biarritz ...	29.83	55	SW	5	o	29.84	- .16	48	46	+ 3	WSW	6	f	5	?	39	0.24	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.29	- .34	40	*	+ 5	SW	3	o	*	*	*	0.36	
Charleville ...	*	*	*	*	*	29.37	- .31	40	*	+ 10	W	6	o	*	*	*	*	
Paris ...	29.68	44	SSE	4	f	29.48	- .39	43	*	+ 3	WSW	3	b	*	*	*	0.20	
Lyons ...	*	*	*	*	*	29.79	- .16	42	*	+ 1	SW	2	o	*	*	*	*	
Toulon ...	29.71	40	WSW	6	b	29.73	- .35	44	45	+ 9	W	4	c	5	30	39	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.69	32	29	SE	6	5	Valencia	29.41	47	44	NW	6	og	5
Thurso	29.43	43	39	Z	0	2	Scilly							
Scarborough ...	29.71	42	40	SSE	3	3	London	29.66	46	41	S	2	c	*
Greencastle ...	29.35	46	42	SSE	3	0	Rocheport ...	29.76	30	45	N'SW	5	b	3
Holyhead	29.45	46	43	SSE	6	4								

The barometer is recovering at Valencia but falling elsewhere, and the depression is apparently moving Eastwards. A SE gale is blowing at Pembroke.

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.

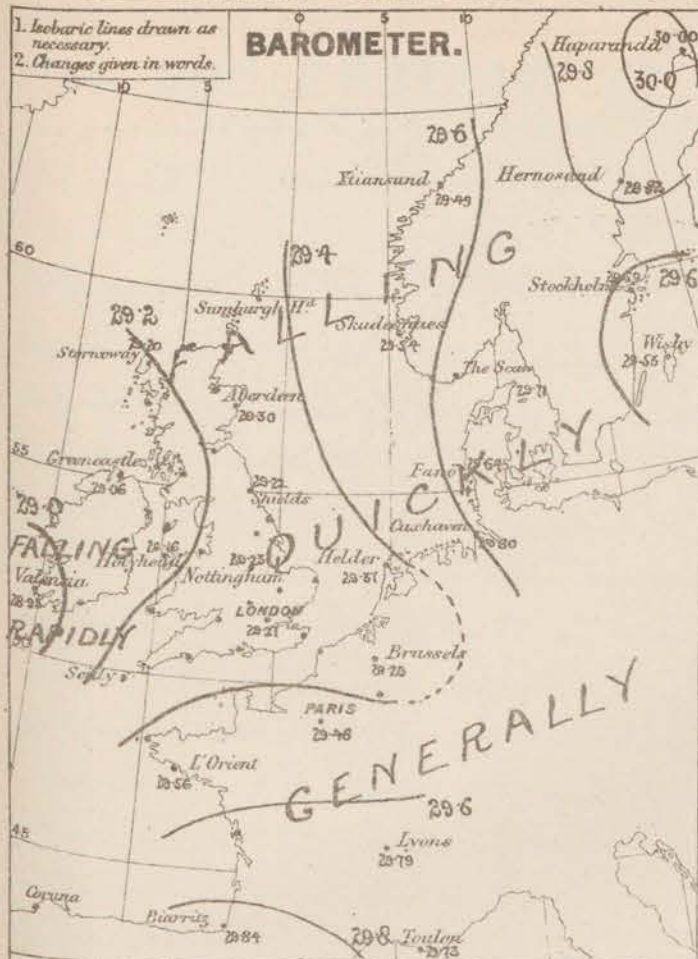
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 March 24th 1877.

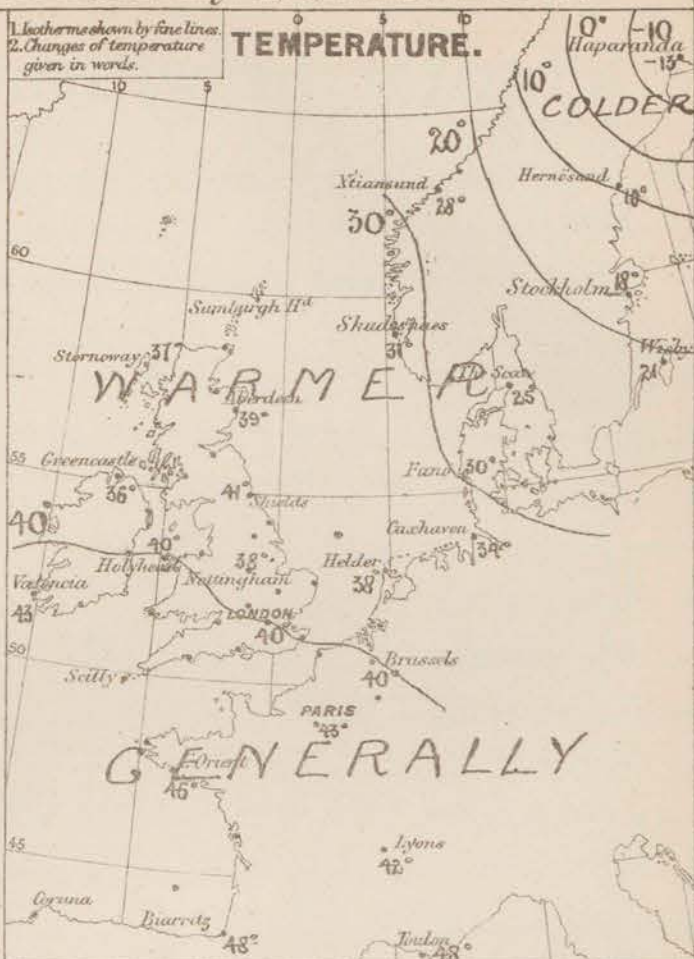
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



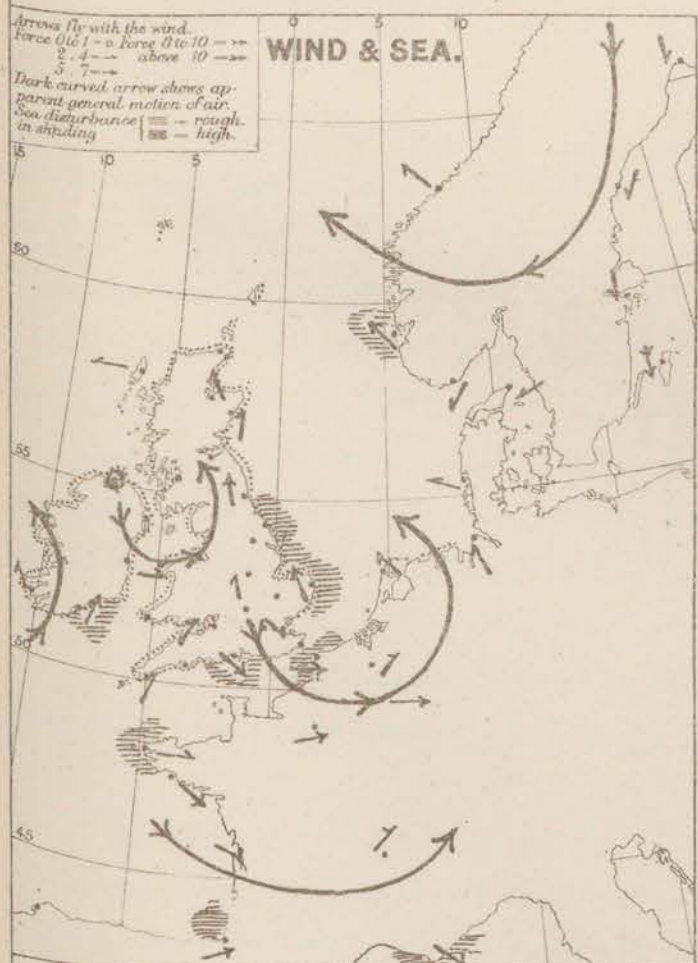
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



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

WIND & SEA.



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

WEATHER.



REMARKS.

The barometer has become exceedingly unsteady over the whole of our Islands, and is now falling again very rapidly at Valentia, where it is already as low as 28.93 ins. Deep gradients for SW to W winds are being formed on the W and S coasts, while moderate gradients for SE breezes prevail over the North Sea. The winds agree with these conditions being very fresh from the W in France, and from SSE along our E. coasts, while a fresh SE breeze is reported at Roski Point. In the W of Norway the wind is SE, and blows a gale at Stadsnes. Temperature has risen over the whole of Great Britain and France. Rain has fallen very generally, and continues at several of our stations, but on our S. coast, and in London the sky is clear. The sea is rather rough except on our extreme N. coasts.

Warnings issued to all our coasts, excepting the E. part of the Channel.

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

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

R. H. SCOTT.
Director.

SUMMARY OF WEATHER IN WESTERN EUROPE

from MARCH 18th to MARCH 24th 1877.

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

For the first two days of this period the weather over the whole of these Islands was very quiet, but on Tuesday a depression which had advanced in a NE^{ly} direction from the N. of Spain across the Bay of Biscay and France, caused cold NE^{ly} winds and snow at our S^m stations. As this disturbance disappeared over Germany the barometer rose and fine weather again prevailed generally during Wednesday and Thursday. On Friday, however, a rapid fall of the barometer had occurred in the extreme N. causing fresh S^{ly} winds in that region, though it did not much affect the weather over Great Britain. This depression apparently moved away slowly, but was succeeded by a much deeper one which advanced over Ireland and caused steep gradients and strong winds at all our more N^m and W^m stations. Temperature was low during the early days, but increased to about its normal height towards the close of the week. The weather has been unsettled, but on the whole, little rain has fallen.

MARCH 18th Comparatively little change had occurred in the barometer in our neighbourhood. The distribution of pressure was very complicated, but no great differences existing, gradients were very slight, and the winds while they had little force, varied considerably in direction. Temperature had risen a little except in France, but was still rather low generally. In London the thermometer had fallen to 22° on the grass, and 31° in the shade during the night. The weather had been showery generally but at 8 a.m. the sky in most places was clear or nearly so. The evening reports showed scarcely any change in these Islands, but in the S.W. of France a brisk decrease was in progress.

MARCH 19th The decrease noticed in the S.W. of France had continued briskly and spread in a less extent to all parts of that country and to our S. Coast. In all other parts of England, however, and over Ireland the mercury had risen, and an anticyclone had been formed over those countries. As to the N^m of it readings were very uniform, but on its S^m side moderate gradients existed. In consequence while very light variable air prevailed over the British Isles, Norway, and Denmark, in France moderate or fresh E^{ly} to NE^{ly} breezes were reported. Temperature had fallen somewhat except in France. In London the thermometer had been as low as 20° on the grass during the night. The weather was very fine at our stations, but cloudy or overcast elsewhere. During the day a depression advanced over the S.W. of France, and as the barometer fell very slightly in these Islands, gradients became rather steep in the neighbourhood of the Channel.

MARCH 20th The mercury had fallen in all parts of W^m Europe, except the South of Norway, the greatest decrease occurring over France where the depression appeared to be getting deeper the readings at its centre being as low as 28.96 ins. In the N^m parts of the Kingdom the fall had been very slight, so that the gradients in the S. had become much more serious, and the NE^{ly} wind over the Channel and S. of England, had risen to a fresh or strong breeze. In the S.W. of France a fresh S^{ly} to SW^{ly} gale was reported while in the N. and N. of the United Kingdom light airs continued. Temperature had risen in the S.E. but had again fallen elsewhere, and a slight frost prevailed at 8 a.m. in the NE. The weather continued very fine at all but our S^m stations, while in France rain was general. Later reports showed that the disturbance was moving NE^{ly} and the NE^{ly} wind increased to a fresh or hard gale on our SE Coast and the N. of France.

MARCH 21st The depression still travelled NE^{ly} and had its centre at 8 a.m. over the Netherlands.

The mercury was consequently rising fast over ^{the N. of} France, and to a less extent in all other part, of that country and on our S. Coast, while it was falling at our S.E. stations and over N. Germany. Moderate gradients existed in the neighbourhood of the depression, and fresh to strong N.W. breezes prevailed over the S. of England, a moderate W. wind at Paris, and a fresh S.W. gale at Charleville. At the N.W. and N. stations readings were very uniform and the winds variable. Temperature had risen in these Islands but fallen on the Continent; it was still low generally. Snow showers were reported in the S.E. and elsewhere the weather was dull. In the evening the barometer was rising everywhere, and the weather had cleared.

MARCH 22nd The depression was disappearing over the Baltic and the mercury was rising over the whole of W. Europe. The highest readings lay off the N. of Ireland, and very light winds prevailed from N.W. or N. on our coasts, and from N.E. over the Bay of Biscay. Temperature had again fallen in most places. In London the thermometer on the grass had been as low as 19° during the night. The weather was fine generally, though a little fog or mist prevailed in England, but at Wick, Ardrossan, and Morville, snow was falling. During the day pressure continued to increase everywhere, but the highest readings became established over the Bay of Biscay.

MARCH 23rd a decrease of nearly half an inch in pressure had occurred at Valencia during the night and a depression was advancing over the S. of Ireland from the Atlantic. Its effects were felt over nearly the whole of these Islands, but in the extreme S.E., over France, and on the E. shores of the North Sea, the barometer still rose, the highest readings being found over Spain. Fresh S.W. winds prevailed at the S.W. stations, but elsewhere the winds though generally S. were very light in force. Temperature had risen in most places, and the weather had become dull in the N. and N.E. The depression had reached the Irish Sea by 6 P.M. and strong S.W. winds prevailed over England, ^{while} N.W. breezes had sprung up in Ireland.

MARCH 24th A fresh and rapid fall of the barometer had occurred in the S. of Ireland, and a deep disturbance in which readings were below 29 in. lay off the N. of that country, while two independent shallow depressions were shown, one over the N. of France, and the other over the North of Ireland. Gradients were steep in the S. and over the North Sea, and the W. winds over the Channel and France, and the S.W. wind on our East coast were strong. On our other coasts light breezes prevailed. Temperature had risen slightly generally. Rain was falling in several places, and the sky was overcast except on our S. Coast. The depression advanced slowly E. during the day, and the E. wind in the N. increased to a gale.

DAILY WEATHER REPORT MARCH 25th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.76	3	N	1	bc	29.65	-.35	11	11	+ 24	NE	6	o	*	*	*	-	
Hernösand ...	29.69	11	N	2	c	29.70	-.12	?	?	?	Z	o	bc	*	*	*	-	
Stockholm ...	29.65	13	N	4	b	29.80	+.21	11	11	- 7	SW	2	b	*	*	*	-	
Wisby ...	29.73	27	NNE	4	o	29.86	+.33	18	17	- 3	SSE	4	b	*	*	*	-	
Christiansund ...	29.47	32	SSE	2	b	29.47	-.02	33	28	+ 5	WSW	3	o	3	36	27	-	
Skudesnaes ...	29.59	27	SSE	6	b	29.62	+.08	28	27	- 3	NE	2	b	5	32	27	-	
Oxö (Xtiansand) ...	29.66	27	ENE	6	o	29.67	?	27	25	+ 4	NE	6	o	3	28	21	-	
Skagen (The Seaw) ...	29.70	24	ESE	3	b	29.71	.00	26	24	+ 4	ESE	4	o	3	27	23	-	
Fanö ...	29.34	32	ESE	6	bc	29.57	-.13	34	33	+ 4	ESE	6	c	*	34	30	-	
Cuxhaven ...	29.46	47	SE	5	s	29.43	-.17	35	35	+ 1	SE	4	b	*	*	30	0.10	
Sumburgh Head ...																		
Stornoway ...	29.25	42	E	6	c	29.46	+.26	39	37	+ 2	E	5	o	5	43	36	-	
Thurso ...	29.34	40	ESE	3	bc	29.50	+.18	39	36	+ 2	S	1	c	2	45	35	0.01	
Wick ...	29.37	40	SE	4	o	29.48	+.15	38	35	- 2	E	3	bc	4	44	35	-	
Nairn ...	29.27	40	SE	3	o	29.42	+.14	37	35	+ 1	SE	2	o	2	43	33	-	
Aberdeen ...	29.29	40	SE	5	o	29.37	+.07	38	36	- 1	NE	7	o	7	43	38	0.02	
Leith ...	29.16	40	SSE	4	c	29.23	+.03	39	38	- 0	SE	7	o	*	43	36	0.03	
Shields ...	29.19	39	ESE	7	o	29.12	-.10	41	40	- 0	E	7	r	6	41	39	0.12	
York ...	29.15	39	SSE	1	o	28.99	-.25	43	43	+ 5	E	4	m	*	44	36	0.19	
Scarborough ...	29.19	39	ESE	6	o	29.25	-.20	41	41	+ 4	E	9	r	6	41	37	0.28	
Nottingham ...	29.10	44	SE	4	o	28.91	-.32	45	45	+ 7	SE	3	o	*	50	38	0.36	
Ardrossan ...	29.08	43	ESE	3	bc	29.12	-.03	39	37	+ 1	ENE	7	r	5	46	37	0.12	
Greencastle ...	28.95	42	E	3	o	29.09	+.03	41	38	+ 5	E	5	o	*	46	35	-	
Donaghadee ...	28.97	43	SE	7	b	28.99	-.09	41	39	+ 4	ENE	9	o	8	45	35	0.32	
Kingstown ...	28.82	42	ESE	7	r	28.78	-.39	43	42	- 3	ENE	10	r	7	44	37	0.50	
Holyhead ...	28.89	43	E	4	r	28.78	-.38	42	41	+ 2	E	7	m	5	49	39	0.33	
Liverpool (Bidston) ...	28.98	45	E	5	o	28.83	-.32	42	41	+ 3	ENE	6	m	4	49	37	0.37	
Valencia ...	28.74	42	ENE	3	c	28.88	-.05	40	39	- 3	N	6	ow	6	50	36	0.10	
Roche's Point... ..	28.74	46	NW	5	c	28.72	-.29	40	38	- 4	NW	5	o	4	57	38	0.22	
Pembroke ...	28.78	46	S	3	o	28.88	-.52	39	38	- 5	SSE	3	r	5	47	39	0.76	
Portishead ...	28.91	45	SSE	6	r	28.80	-.49	43	42	+ 2	SE	5	bc	4	38	38	0.26	
Scilly ...																		
Plymouth ...	28.83	46	SW	6	r	28.74	-.59	39	39	- 3	SW	2	r	*	49	36	0.93	
Hurst Castle ...	29.03	47	S	7	r	28.86	-.47	46	46	+ 3	S	5	c	5	48	41	0.29	
Dover ...	29.22	44	SW	4	bc	29.97	-.26	44	45	+ 7	SW	4	cu	4	48	43	0.07	
London ...	29.14	47	S	3	op	28.90	-.37	45	44	+ 5	S	3	c	*	53	42	0.14	
Oxford ...	*	*	*	*	*	28.89	-.38	44	43	+ 5	SE	1	o	*	52	39	0.20	
Cambridge ...	29.15	45	SSE	1	o	28.94	-.31	46	45	+ 10	SSE	1	r	*	51	36	0.07	
Yarmouth ...	29.19	40	Z	0	bc	29.02	-.19	43	42	+ 6	SE	5	cd	5	43	36	0.39	
The Helder... ..	*	*	*	*	*	29.21	-.16	40	39	+ 2	ESE	2	r	*	*	*	0.12	
Cape Gris Nez ...	29.25	45	SW	3	c	29.00	-.26	46	45	+ 5	S	4	c	3	48	39	0.16	
Brest ...	29.00	48	WSW	5	r	28.76	-.73	45	41	- 1	N	4	r	6	50	39	0.59	
L'Orient ...	29.11	48	WSW	6	r	28.87	-.69	45	41	- 1	N	6	r	7	50	39	0.47	
Rocheport ...	29.34	52	SW	8	o	29.09	-.36	48	45	+ 2	SW	8	bc	7	52	36	0.55	
Biarritz ...	29.51	57	S	2	o	29.29	-.35	46	46	- 2	S	3	bc	5	?	39	0.24	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.15	-.14	46	*	+ 6	S	3	o	*	*	*	0.12	
Charleville ...	*	*	*	*	*	29.15	-.22	44	*	+ 4	SE	6	ow	*	*	*	*	
Paris ...	29.36	47	SW	4	o	29.08	-.40	47	*	+ 4	S	3	o	*	*	*	0.20	
Lyons ...	*	*	*	*	*	29.29	-.50	48	*	+ 6	S	2	r	*	*	*	*	
Toulon ...	29.75	48	NW	4	b	29.50	-.23	50	50	+ 2	SW	6	m	6	55	46	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.57	32	30	SE	6	c	5	Valencia	28.77	47	43	WSW	4	op	4
Thurso	29.32	43	40	ESE	3	cm	2	Scilly							
Scarborough ...	29.20	39	39	SE	7	o	5	London	29.21	49	44	SW	3	c	*
Greencastle ...	28.99	45	42	E	2	c	*	Rocheport ...	29.50	50	48	SW	4	b	3
Holyhead	29.02	47	44	SSE	3	c	3								

The barometer continues to fall generally. A S.E. gale has set in at Pembroke, and S.W. to N.W. gales seem probable at our own stations. Warnings have been extended to the remainder of the Channel.

EXPLANATION OF COLUMNS.

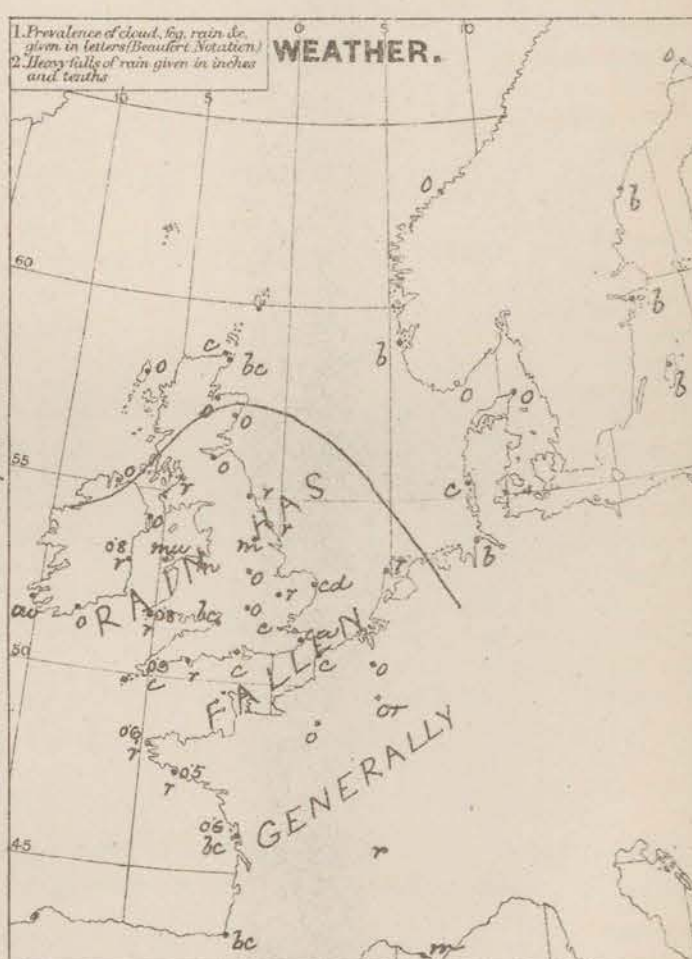
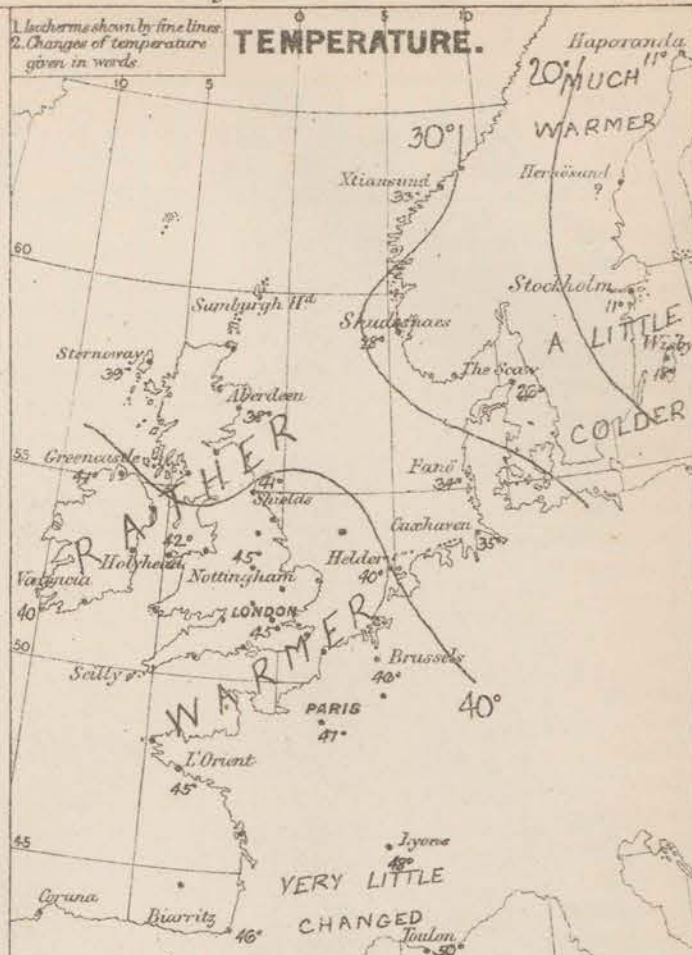
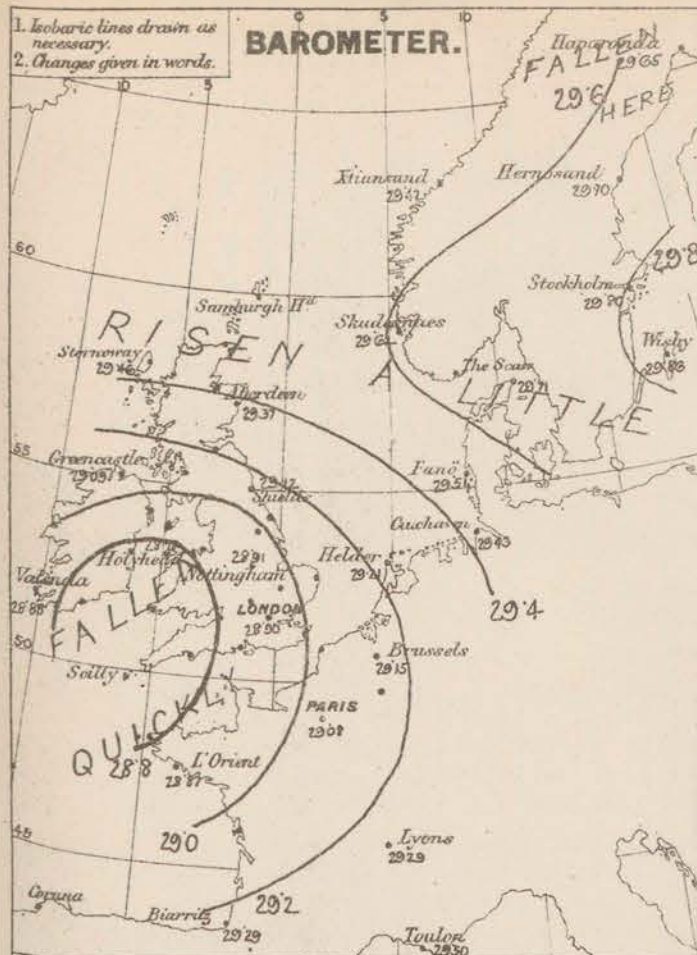
WEATHER.—Beaufort Scale is, b. blue sky; a. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 25TH MARCH 1877.



REMARKS. During the past 24 hours the weather over these Islands has been influenced by a small and deep depression which has advanced slowly from the W.^d, and at present lies at the entrance to St. George's Channel. The barometer has consequently fallen very quickly on our south west coasts and also in the north west of France; and as pressure in the north has remained steady or even risen slightly, steep gradients for E^{ly} winds have been formed over all our northern stations. The fall, however, though not reaching to the Scotch stations has extended E.^{ly} as far as the Danish coasts and the gradients for Sth winds have therefore remained moderate. Under these circumstances the winds this morning are blowing a hard gale from E in the more northern parts of England and Ireland, and a moderate gale from NE in the east of Scotland but in the south of England the wind is moderate from S, while in the south of Ireland it has shifted to N. and is blowing rather fresh. Temperature has risen a few degrees except in the north. The weather has been gloomy and wet at all but the Scandinavian and Danish stations, and in the south west the amount of rainfall has been very large. The sea is rough generally ^{and in height} on the north west and north east coasts as well as in the Bay of Biscay.

All our coasts were warned 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.
Direct

DAILY WEATHER REPORT

MARCH 26th 1877.

STATIONS.	† YESTERDAY EVENING.						3 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 13).			Reading at 32° F. and Sea Level.	Difference from 3 A.M. yesterday.	Dry.	Wet.	Difference from 3 A.M. yesterday.			Dirco.	Force. (0 to 13).		Max.	Min.	
Haparanda ...	29.78	8	Z	0	b	29.96	+ .31	-13	-16	-24	Z	0	f	*	*	*	-		
Hernösand ...	29.85	1	Z	0	b	29.89	+ .19	4	4	?	NW	2	f	*	*	*	-		
Stockholm ...	29.87	21	SW	2	b	29.97	+ .17	13	13	+ 2	Z	0	b	*	*	*	-		
Wisby ...	29.95	22	ESE	4	c	29.91	+ .05	25	24	+ 7	SE	4	b	*	*	*	-		
Christiansund ...	29.63	32	WSW	6	b	29.78	+ .31	32	30	- 1	SSW	2	s	4	36	28	-		
Skudesnaes ...	29.70	31	E	1	b	29.69	+ .07	33	28	+ 5	ENE	6	c	4	36	28	-		
Oxö (Xtiansand) ...	29.74	30	NE	6	o	29.73	+ .06	26	24	- 1	NNE	6	o	4	30	23	-		
Skagen (The Seaw) ...	29.81	29	ESE	4	o	29.75	+ .04	29	27	+ 3	ESE	4	o	4	36	25	-		
Fanö ...	29.55	36	ESE	6	f	29.49	- .02	36	36	+ 12	E	6	c	*	39	34	0.08		
Cuxhaven ...	29.41	46	SE	4	f	29.38	- .05	40	40	+ 5	ESE	4	o	*	4	30	0.03		
Somburgh Head ...																			
Stornoway ...	29.57	39	NE	6	b	29.58	+ .12	40	39	+ 1	E	5	c	6	40	34	0.09		
Thurso ...	29.59	39	NE	4	b	29.63	+ .13	37	35	- 2	ESE	3	o	8	42	35	0.04		
Wick ...	29.57	39	ENE	5	b	29.63	+ .15	38	34	0	ENE	6	c	5	45	34	0.04		
Nairn ...	29.55	38	E	3	o	29.57	+ .15	36	35	- 1	E	4	o	3	40	36	0.04		
Aberdeen ...	29.46	40	NE	7	f	29.51	+ .14	38	36	0	NE	7	o	7	41	38	0.01		
Leith ...	29.34	40	E	7	f	29.41	+ .18	38	38	- 1	E	6	f	*	43	36	0.25		
Shields ...	29.21	41	E	5	f	29.31	+ .19	41	40	0	E	4	f	7	42	39	0.69		
York ...	29.12	44	E	1	m	29.24	+ .25	41	41	- 2	N	1	o	*	47	37	0.13		
Scarborough ...	29.16	41	E	7	f	29.24	+ .19	41	41	0	ENE	4	f	4	42	41	0.34		
Nottingham ...	29.08	49	E	3	b	29.22	+ .31	40	39	- 5	NNE	4	o	*	34	39	0.03		
Ardrossan ...	29.27	42	ENE	8	f	29.39	+ .27	40	37	+ 1	ENE	8	f	4	43	37	0.05		
Greencastle ...	29.26	41	NE	6	f	29.35	+ .26	39	38	- 2	ENE	4	o	*	42	38	0.27		
Donaghadee ...	29.17	42	E	8	f	29.32	+ .33	41	39	0	E	7	o	6	43	39	0.19		
Kingstown ...	29.07	45	ENE	5	o	29.27	+ .29	44	43	+ 1	ENE	1	o	3	45	43	0.09		
Holyhead ...	29.02	47	ENE	5	b	29.23	+ .45	43	42	+ 1	ENE	3	b	3	51	41	-		
Liverpool (Bidston) ...	29.04	47	ENE	3	c	29.23	+ .40	42	40	0	ENE	1	b	2	53	39	0.11		
Valencia ...	29.16	41	NNE	5	o	29.31	+ .43	42	40	+ 2	NNE	3	c	4	44	39	0.41		
Roche's Point... ..	28.98	41	ENE	5	o	29.25	+ .53	43	40	+ 3	NNE	4	o	3	46	40	0.29		
Pembroke ...	28.89	46	NE	4	b	29.17	+ .46	43	41	+ 4	NNE	2	b	3	48	38	0.13		
Portishead ...	? 28.94	44	E	6	c	29.15	+ .35	42	42	- 1	NE	5	f	3	52	39	0.20		
Scilly ...																			
Plymouth ...	28.88	41	Z	0	o	29.12	+ .38	41	41	+ 2	NW	2	c	*	46	36	0.41		
Hurst Castle ...	28.98	47	SSE	4	b	29.11	+ .25	45	45	- 1	SE	3	c	3	48	33	0.01		
Dover ...	29.08	48	SSE	2	b	29.17	+ .20	45	43	- 1	ESE	2	c	2	48	43	-		
London ...	29.09	52	S	3	b	29.14	+ .24	45	44	0	SE	2	b	*	54	40	0.07		
Oxford ...	*	*	*	*	*	29.17	+ .28	43	42	- 1	NE	1	f	*	52	40	0.04		
Cambridge ...	29.09	46	ESE	1	b	29.20	+ .26	42	42	- 4	NE	1	o	*	57	37	0.02		
Yarmouth ...	29.13	43	ESE	2	f	29.19	+ .17	42	42	- 1	ESE	1	cmd	3	44	40	0.22		
The Helder. ...	*	*	*	*	*	29.28	+ .07	43	43	+ 3	Z	0	c	*	*	*	0.24		
Cape Gris Nez ...	29.10	50	S	3	c	29.19	+ .19	45	43	- 1	E	2	c	1	55	43	0.04		
Brest ...	28.91	50	SW	3	o	29.15	+ .39	45	41	0	NE	2	o	5	50	36	0.08		
L'Orient ...	29.00	45	W	3	b	29.00	+ .23	41	39	- 4	NE	4	c	5	51	39	0.39		
Rochefort ...	29.05	50	WSW	8	b	29.01	- .08	48	46	0	W	8	b	7	54	36	0.35		
Biarritz ...	29.31	54	WSW	7	f	29.34	+ .05	50	43	+ 4	SW	9	f	7	57	39	0.08		
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*										*	*	*		
Charleville ...	*	*	*	*	*	29.29	+ .72	44		- 2	SSE	6	b	*	*	*	0.19		
Paris ...	29.10	45	SE	3	f	29.20	+ .12	48		+ 1	S	4	b	*	*	*	0.12		
Lyons ...	*	*	*	*	*										*	*	*		
Toulon ...	29.39	48	SW	5	o	29.46	- .02	50	50	0	SW	4	o	5	52	32	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.65	36	33	ESE	2	5	Valencia						
Thurso							Scilly						
Scarborough ...							London						*
Greencastle ...						*	Rochefort ...	29.05	48	46	SW	9	6
Holyhead													7

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.

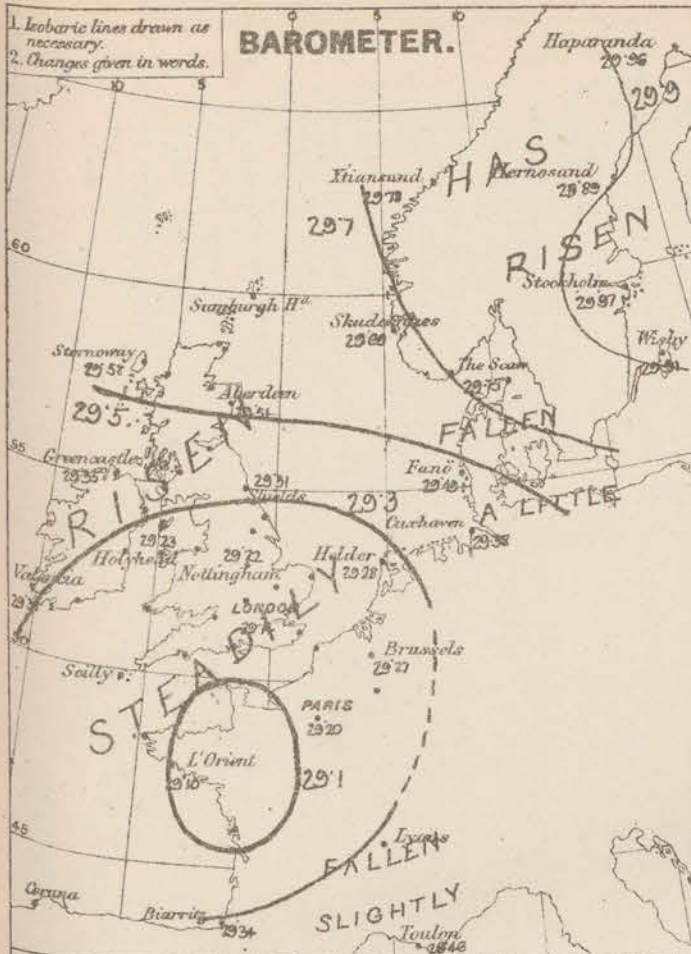
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 26th MARCH 1877.

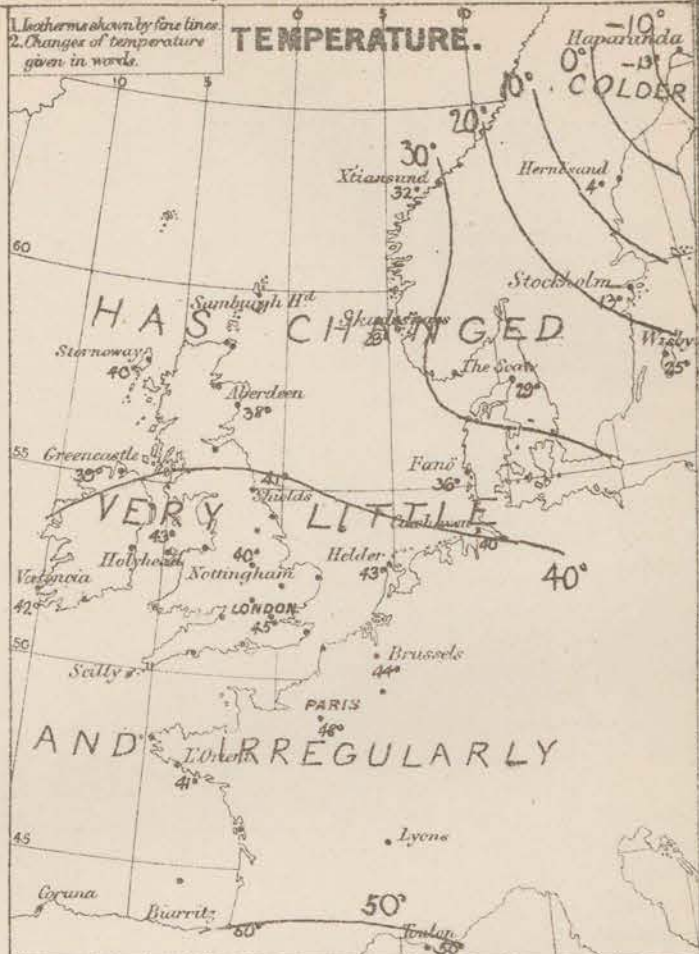
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



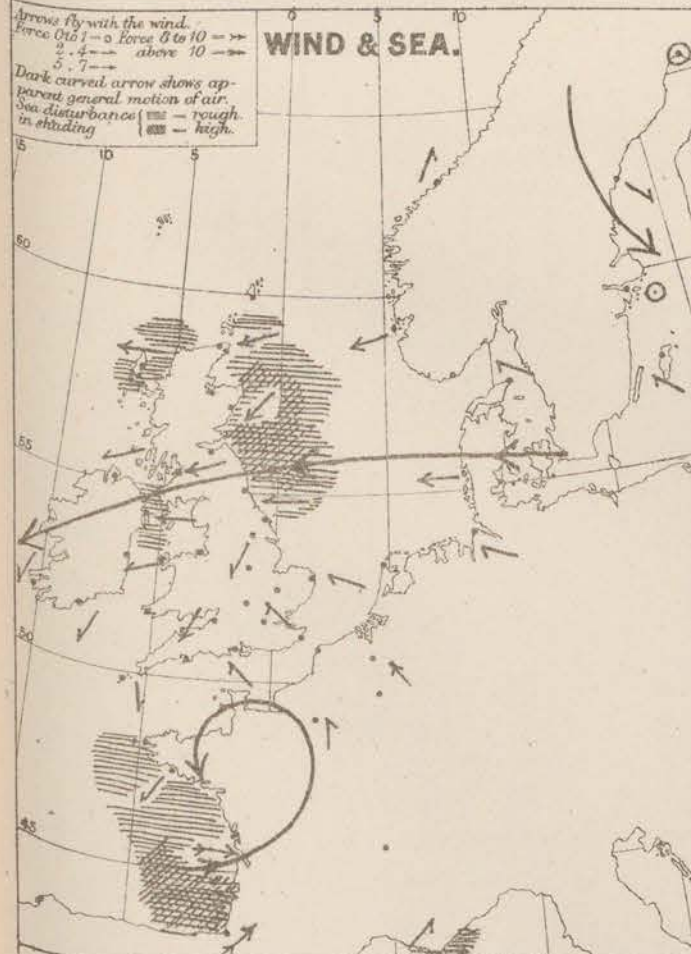
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



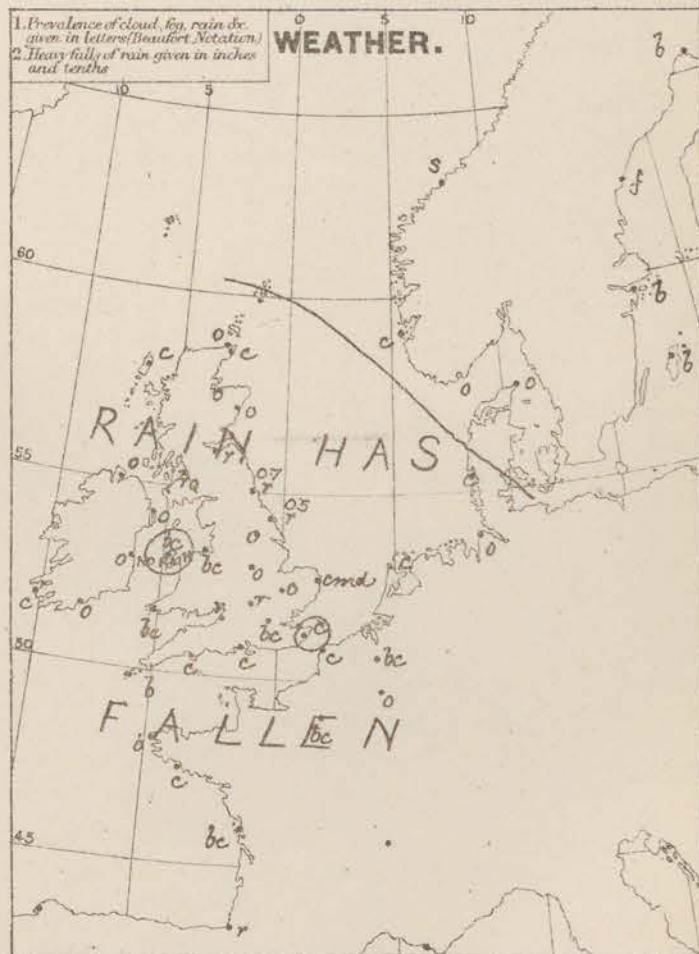
1. Arrows fly with the wind. Force 0 to 10 = 1 to 10. Force 11 to 15 = 11 to 15. Force 16 to 20 = 16 to 20. Force 21 to 25 = 21 to 25. Force 26 to 30 = 26 to 30. Force 31 to 35 = 31 to 35. Force 36 to 40 = 36 to 40. Force 41 to 45 = 41 to 45. Force 46 to 50 = 46 to 50. Force 51 to 55 = 51 to 55. Force 56 to 60 = 56 to 60. Force 61 to 65 = 61 to 65. Force 66 to 70 = 66 to 70. Force 71 to 75 = 71 to 75. Force 76 to 80 = 76 to 80. Force 81 to 85 = 81 to 85. Force 86 to 90 = 86 to 90. Force 91 to 95 = 91 to 95. Force 96 to 100 = 96 to 100.
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 (Bouffort Notation).
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. The deep depression which was entering our area from the W. on Saturday morning has since travelled very slowly SE. and is shown this morning over the north west of France. It is, however, filling up, the readings at its centre being now four tenths higher than they were yesterday morning. The barometer is consequently rising generally, especially at our south western stations, and pressure now varies from 29.97 in. at Stockholm to 29.01 in. at Rochefort. The wind circulates round the low readings, so that, while W. to S.W. wind prevail in the south west of France, and S. wind in the Netherlands, E. to NE. breeze are reported from all the more northern stations. At Rochefort and Biarritz gales are reported, and during yesterday gales were felt in all the northern parts of the kingdom. Temperature has changed little and irregularly. The weather is very dull and unsettled generally, and in many places rain is falling. The sea is high on our northeast coast and the Bay of Biscay, rough in the north, moderate to slight elsewhere. Warnings were issued to all coasts on Saturday, and the signals are down this morning.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT MARCH 27th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 8.)	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 ...	29.95	6	Z	0	o	30.04	+ .03	12	12	+ .25	S	2	o	*	*	*	-	
Hernösand ...	29.98	0	SSE	2	f	29.98	+ .09	8	8	+ .4	NE	2	f	*	*	*	-	
Stockholm ...	29.91	18	E	2	f	29.69	- .28	25	25	+ .12	E	6	s	*	*	*	-	
Wisby ...	29.86	26	SE	6	c	29.60	- .28	34	33	+ 9	SSE	6	c	*	*	*	-	
Christiansund ...	29.76	32	ENE	2	f	29.44	- .14	28	24	- .4	E	2	f	3	36	21	-	
Skudesnaes ...	29.59	37	ENE	5	s	29.48	- .21	36	34	+ 1	NE	4	s	3	37	?	-	
Oxö (Xtiansand) ...	29.63	27	NE	8	s	29.49	- .24	28	28	+ 2	NE	6	s	4	?	25	-	
Skagen (The Skaw) ...	29.60	32	ESE	4	o	29.50	- .25	32	31	+ 3	ESE	3	o	2	34	27	0.08	
Fanö ...	29.41	38	E	4	c	29.41	- .08	36	36	0	E	4	f	*	41	34	-	
Cuxhaven ...	29.36	49	SE	2	bo	29.41	+ .03	42	41	+ 2	SSE	2	f	*	4	36	0.01	
Sumburgh Head																		
Stornoway	29.59	38	E	6	o	29.40	- .18	39	35	- 1	E	6	f	6	41	35	0.4	
Thurso ...	29.56	37	E	5	o	29.45	- .18	37	37	0	ESE	3	f	3	41	35	0.4	
Wick ...	29.57	38	E	6	o	29.46	- .18	39	37	+ 1	E	3	o	6	40	35	1.8	
Nairn ...	29.47	35	E	3	o	29.38	- .19	37	36	+ 1	E	2	d	2	37	35	0.03	
Aberdeen ...	29.41	37	NE	7	f	29.34	- .17	40	39	+ 2	E	5	m	7	40	36	0.65	
Leith ...	29.32	38	E	6	f	29.27	- .14	40	40	+ 2	E	4	o	*	42	36	0.10	
Shields ...	29.26	41	E	5	o	29.26	- .05	41	41	0	ESE	3	f	6	41	40	0.34	
York ...	29.19	44	ESE	1	o	29.25	+ .01	42	42	+ 2	E	1	o	*	45	40	0.10	
Scarborough ...	29.22	41	SSE	3	m	29.25	+ .01	42	42	+ 1	E	1	f	3	42	41	0.03	
Nottingham ...	29.18	47	N	1	o	29.25	+ .03	43	43	+ 3	NW	1	o	*	50	44	0.03	
Ardrossan ...	29.27	40	ENE	4	c	29.23	- .16	42	41	+ 2	E	3	o	2	43	39	0.01	
Greencastle ...	29.27	40	E	3	o	29.16	- .19	41	41	+ 2	SE	1	o	*	41	38	0.06	
Donaghadee ...	29.24	40	ESE	5	c	29.17	- .15	43	43	+ 2	ESE	5	o	4	44	40	0.01	
Kingstown ...	29.22	44	NW	3	o	29.19	- .08	42	41	- 2	SSE	1	bcf	1	45	40	-	
Holyhead ...	29.21	45	NE	3	m	29.19	- .04	43	42	0	S	1	o	0	48	41	-	
Liverpool (Bidston) ...	29.18	42	NNE	1	o	29.22	- .01	37	37	- 5	ESE	1	f	1	47	36	0.01	
Valencia ...	29.21	45	S	3	o	29.18	- .18	42	38	0	WSW	3	cf	3	47	39	0.28	
Roche's Point ...	29.22	46	N	2	c	29.10	- .12	41	40	- 2	WSW	4	f	4	49	40	0.41	
Pembroke ...	29.19	46	Z	0	c	29.19	+ .02	45	44	+ 2	SE	2	o	3	51	40	0.12	
Portishead ...	29.17	46	N	3	o	29.24	+ .09	41	41	- 1	NNW	2	bc	1	51	36	0.03	
Scilly ...																		
Plymouth ...	29.19	47	NW	1	o	29.21	+ .19	43	43	+ 2	ENE	2	o	*	52	36	0.04	
Hurst Castle ...	29.15	46	SE	2	c	29.28	+ .17	48	48	+ 3	S	3	bc	2	49	36	-	
Dover ...	29.17	45	E	3	c	29.28	+ .11	45	46	0	SW	3	cf	3	49	43	0.37	
London ...	29.16	45	SE	1	od	29.24	+ .15	46	45	+ 1	SW	2	bc	*	48	41	0.10	
Oxford ...						29.28	+ .11	38	38	- 5	Z	0	f	*	51	34	-	
Cambridge ...	29.18	46	SE	1	o	29.26	+ .06	44	43	+ 2	SE	1	o	*	54	37	0.10	
Yarmouth ...	29.22	43	ESE	3	c	29.25	+ .06	44	43	+ 2	Z	0	bc	*	45	40	0.05	
The Helder ...						29.29	+ .01	44	44	+ 1	Z	0	c	*			0.04	
Cape Gris Nez	29.19	46	S	2	o	29.33	+ .14	45	43	0	SSW	4	m	3	52	43	0.12	
Brest ...	29.33	?	WSW	2	f	29.25	+ .13	46	43	+ 1	NN	4	o	4	54	43	0.16	
L'Orient ...	29.31	48	NW	4	f	29.32	+ .22	48	46	+ 7	N	5	m	5	54	39	0.20	
Rocheport ...	29.33	52	NN	7	c	29.45	+ .44	53	48	+ 2	S	5	o	5	52	36	0.08	
Biarritz ...	29.32	?	WSW	5	o	29.62	+ .28	34	48	+ 14	SSW	4	f	5	54	41	0.28	
Corunna ...																		
Brussels ...						29.36	+ .09	45		+ 1	SW	6	o	*			0.06	
Charleville ...						29.43	?	46		+ 3	SSW	3	o	*				
Paris ...	29.17	40	SE	3	o	29.47	+ .27	47		- 1	S	4	bc	*			0.12	
Lyons ...						29.68	+ .15	50		+ 10	SE	7	c	*				
Toulon ...	29.34	48	N	3	c	29.36	+ .30	50	45	0	E	3	f	5	55	45	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.62	37	32	E N E	6	o	3	Valencia ...	29.25	45	42	N E	1	c	2
Thurso	29.58	40	36	E	5	o	4	Scilly							
Scarborough ...	29.19	42	42	E S E	4	o	5	London	29.15	48	45	E S E	1	od	*
Greencastle ...	29.33	41	39	E	3	o	*	Rocheport ...	29.21	48	46	N N	8	bc	7
Holyhead	29.22	47	45	N E	4	o	3								

The barometer is falling everywhere - rather briskly at Valencia since noon. The winds are unchanged.

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT MARCH 28th 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.01	10	Z	0	S		29.69	- 35	22	21	+ 10	NE	4	S	*	*	*	-	
Hernösand ...	29.73	23	NNE	4	S		29.57	- 41	25	24	+ 17	NNE	4	0	*	*	*	0.20	
Stockholm ...	29.54	33	N	2	0		29.67	- 02	27	27	+ 2	WSW	2	0	*	*	*	0.16	
Wisby ...	29.48	37	SSE	4	0		29.76	+ 13	36	35	+ 2	SW	4	C	*	*	*	0.04	
Christiansund ...	29.52	34	ESE	2	C		29.82	- 02	34	32	+ 6	ENE	1	0	2	36	25	-	
Skudesnaes ...	29.52	33	NNE	2	b		29.58	+ 10	35	33	+ 1	NNE	1	5	2	?	32	-	
Oxö (Xtiansand) ...	29.57	30	NE	6	S		29.59	+ 10	30	29	+ 2	NE	6	S	4	?	28	-	
Skagen (The Scaw) ...	29.56	33	SE	3	f		29.59	+ 09	35	34	+ 3	SE	2	0	2	36	30	0.08	
Fanö ...	29.49	43	SSE	4	0		29.55	+ 14	43	42	+ 7	S	1	0	*	55	36	-	
Cuxhaven ...	29.49	57	SSW	2	C		29.57	+ 16	44	44	+ 2	WSW	5	f	*	4	40	0.12	
Sumburgh Head ...																			
Stornoway ...	29.44	40	E	4	a		29.59	+ 19	40	38	+ 1	E	4	bc	5	44	37	0.02	
Thurso ...	29.54	39	ENE	2	0		29.61	+ 16	38	37	+ 1	ESE	1	0	2	41	35	0.14	
Wick ...	29.57	39	ESE	5	0		29.61	+ 16	39	36	0	ESE	3	b	3	43	35	0.03	
Nairn ...	29.44	37	E	2	0		29.50	+ 12	36	35	- 1	Z	0	0	2	41	35	0.06	
Aberdeen ...	29.42	40	ENE	5	0		29.56	+ 22	39	38	- 1	NNE	3	f	4	41	38	0.02	
Leith ...	29.36	40	E	4	f		29.54	+ 27	40	40	0	ENE	3	p	*	42	37	0.32	
Shields ...	29.33	41	E	4	0		29.55	+ 29	39	38	- 2	WNW	2	rm	4	42	38	0.12	
York ...	29.29	47	ENE	1	0		29.60	+ 35	40	39	- 3	SW	1	c	*	52	36	0.12	
Scarborough ...	29.31	43	N	1	f		29.59	+ 34	42	40	0	WSW	2	b	2	44	38	0.02	
Nottingham ...	29.32	45	SSW	4	0		29.65	+ 40	43	42	0	SSW	3	bc	*	50	36	0.05	
Ardrossan ...	29.31	40	E	3	f		29.54	+ 31	40	39	- 2	E	3	f	2	45	39	0.43	
Greencastle ...	29.23	46	ENE	2	0		29.45	+ 32	40	39	- 1	N	2	f	*	40	35	0.15	
Donaghadee ...	29.24	45	ESE	4	bc		29.54	+ 37	40	40	- 3	SW	4	b	3	47	35	0.16	
Kingstown ...	29.27	40	WNW	4	cur		29.58	+ 39	41	39	- 1	S	1	cf	1	47	38	0.17	
Holyhead ...	29.26	49	SW	3	p		29.58	+ 39	44	43	+ 1	SW	2	bc	1	34	41	0.07	
Liverpool (Bidston) ...	29.27	43	SW	4	0		29.60	+ 38	44	40	+ 7	SSW	1	bc	2	53	37	-	
Valencia ...	29.28	47	WSW	2	C		29.53	+ 40	45	43	+ 3	SE	2	bc	3	50	38	-	
Roche's Point ...	29.32	44	N	5	C		29.55	+ 42	43	41	+ 2	SW	2	b	3	48	38	0.11	
Pembroke ...	29.35	47	WSW	3	bc		29.60	+ 44	46	44	+ 1	SW	1	b	4	48	42	0.09	
Portishead ...	29.39	45	WSW	6	b		29.65	+ 44	44	42	+ 3	WSW	3	bc	2	52	37	0.11	
Scilly ...																			
Plymouth ...	29.45	47	SW	4	b		29.65	+ 44	44	43	+ 1	Z	0	b	*	52	40	0.34	
Hurst Castle ...	29.42	47	WNW	4	bc		29.70	+ 42	46	46	- 2	Z	0	C	0	49	40	0.20	
Dover ...	29.39	45	Z	0	C		29.72	+ 44	46	45	+ 1	WSW	4	bc	3	49	42	0.04	
London ...	29.38	45	WSW	3	C		29.68	+ 39	46	45	0	WSW	2	bc	*	55	39	0.21	
Oxford ...	*	*	*	*	*		29.69	+ 41	41	40	+ 3	Z	0	b	*	53	36	0.17	
Cambridge ...	29.36	46	SW	2	f		29.69	+ 43	45	43	+ 1	SW	2	b	*	55	37	0.19	
Yarmouth ...	29.35	46	WSW	2	bc		29.67	+ 42	44	43	0	WSW	3	bc	2	57	39	0.09	
The Helder ...	*	*	*	*	*		29.68	+ 39	45	43	+ 1	SW	2	C	*	*	*	0.24	
Cape Gris Nez ...	29.34	46	SSW	4	f		29.77	+ 44	45	43	0	SW	5	bc	4	50	43	0.16	
Brest ...	29.59	34	N	3	b		29.72	+ 44	48	46	+ 2	SSW	3	0	5	?	43	0.08	
L'Orient ...																			
Rochefort ...	29.62	52	WSW	4	b		29.84	+ 39	50	48	0	SSE	4	bc	3	55	36	0.04	
Biarritz ...	29.62	57	NNE	1	0		29.89	+ 27	59	54	+ 5	SSW	3	bc	4	63	46	-	
Corunna ...	*	*	*	*	*													*	
Brussels ...	*	*	*	*	*		29.82	+ 48	45	*	0	SW	3	0	*	*	*	0.15	
Charleville ...	*	*	*	*	*		29.88	+ 45	46	*	+ 2	SSW	3	0	*	*	*	*	
Paris ...	29.55	49	SW	5	0		29.91	+ 44	44	*	- 3	S	5	0	*	*	*	0.32	
Lyons ...	*	*	*	*	*		29.97	+ 29	55	*	+ 5	SW	2	C	*	*	*	*	
Toulon ...	29.93	52	N	2	b		30.12	+ 36	46	46	- 4	E	4	0	4	57	46	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.57	37	33	ENE	1	c	4	Valencia	29.23	58	44	WSW	3	bc	4
Thurso	29.47	41	39	E	3	p	3	Scilly							
Scarborough ...	29.29	43	43	E	1	c	4	London	29.30	53	48	SSE	2	c	*
Greencastle ..	29.20	44	40	E	2	o	*	Rochefort ...	29.58	54	50	N	6	bc	5
Holyhead	29.21	52	45	S	2	c	1								

Because is now rising slowly everywhere, most at Valencia. The winds are light and unchanged in direction.

EXPLANATION OF COLUMNS.

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

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

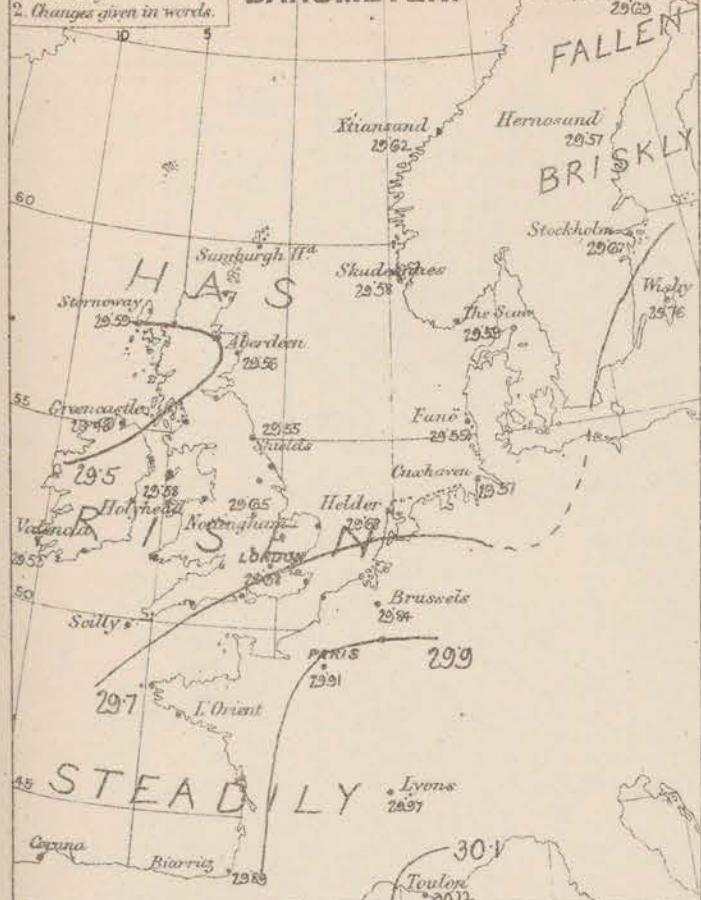
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Wednesday 28th MARCH 1877.

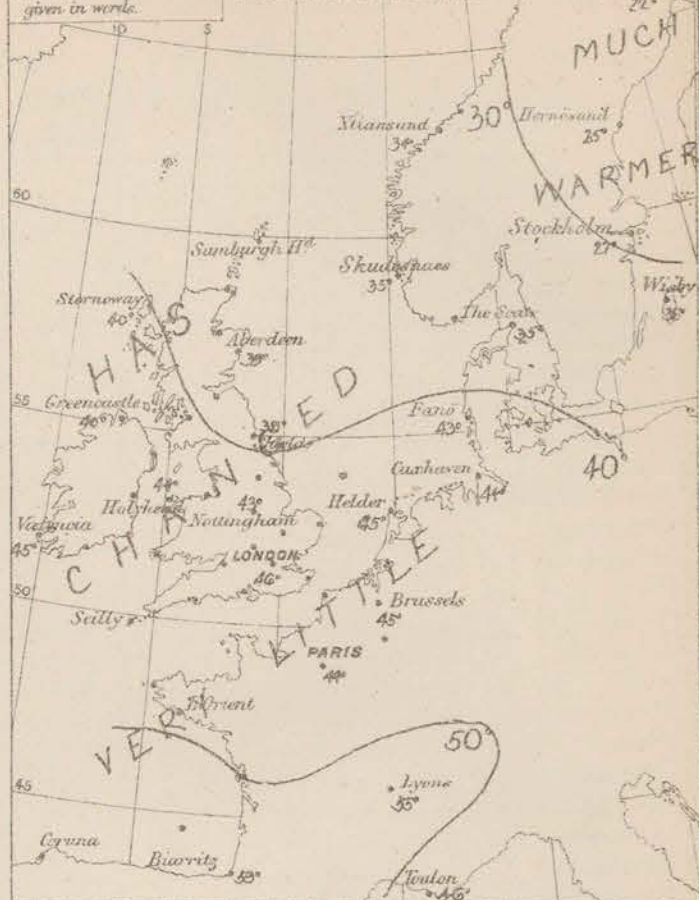
1. Isobars lines drawn as necessary.
2. Changes given in words.

BAROMETER.



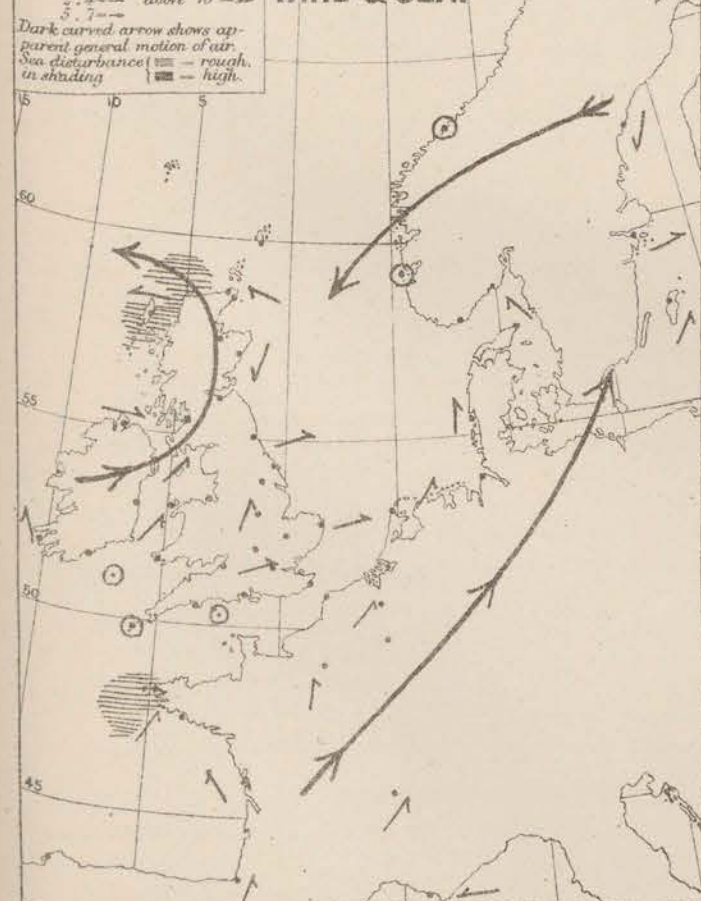
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



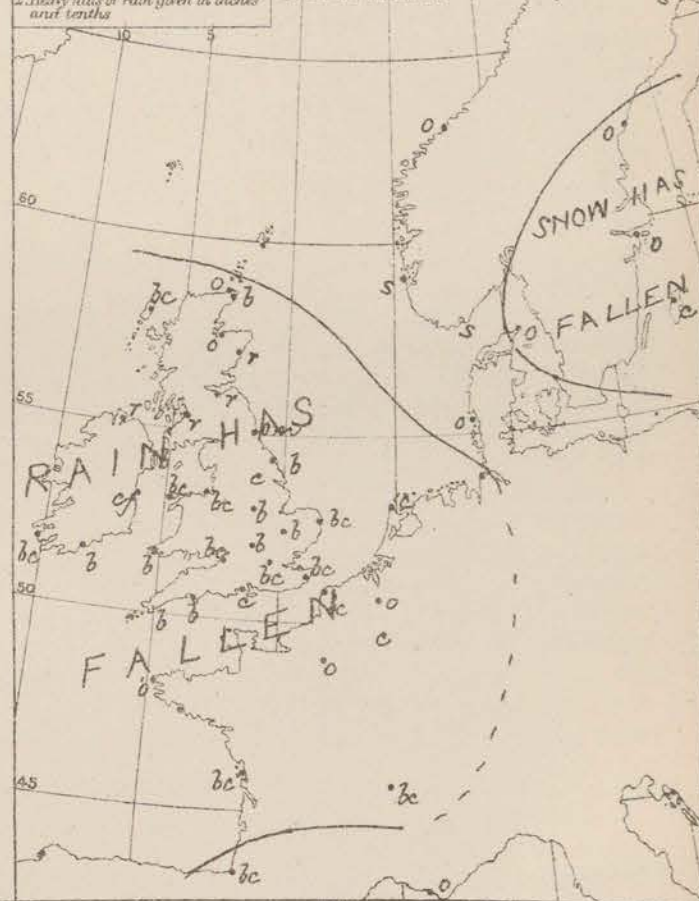
- Arrows fly with the wind.
Force 0 to 1 - a force 2 to 10 -
3 - 4 - above 10 -
5 - 7 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance (rough) - high.
in shading

WIND & SEA.



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

WEATHER.



REMARKS. The rise of the barometer which was in progress in the north yesterday morning has since become general, the greatest increase being reported from our north western stations. The lowest pressures now lie off our north west coasts but readings are comparatively uniform. The winds are consequently light generally, from SW. and S. over France, Ireland and the greater part of England, and from NE or E over the North Sea and the north of Scotland. Temperature has risen slightly over England and on the Continent generally, but has fallen at our north western stations. The sky is clear or moderately so in most places but in Scotland rain, and in the south of Norway snow, is falling. The sea is moderate or slight.

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

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

R. H. SCOTT.
Director.

Dangerfield Linn 22 Bedford St. Covent Garden

DAILY WEATHER REPORT

MARCH 29TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 330 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 12).		Reading at 330 P. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.64	23	NNW	4	o	29.84	+ .15	5	4	- 17	Z	0	f	*	*	*	0.20	
Hernösand ...	29.82	27	Z	0	o	29.88	+ .31	14	14	- 11	Z	0	f	*	*	*	-	
Stockholm ...	29.72	32	E	2	f	29.67	-.00	32	32	+ 5	Z	0	f	*	*	*	0.12	
Wisby ...	29.72	38	SSW	4	o	29.71	-.05	37	36	+ 1	SW	4	f	*	*	*	-	
Christiansund ...	29.83	32	ENE	2	b	29.90	+ .28	32	30	- 2	E	1	ff	2	36	25	-	
Skudesnaes ...	29.72	35	Z	0	o	29.82	+ .24	37	36	+ 2	ESE	1	o	2	39	44	-	
Oxö (Xiansand) ...	29.71	32	NE	4	s	29.84	+ .25	33	32	+ 3	NNW	2	o	1	?	30	-	
Skagen (The Seaw) ...	29.71	35	SE	2	o	29.80	+ .21	34	34	- 1	NE	3	f	1	37	32	0.08	
Fanö ...	29.76	39	WSW	4	bc	29.88	+ .33	41	40	- 2	W	4	o	*	43	39	-	
Cuxhaven ...	29.84	52	W	2	P	29.91	+ .34	42	42	- 2	SW	2	f	*	4	39	0.12	
Sumburgh Head ...																		
Stornoway ...	29.73	44	E	4	b	29.83	+ .24	40	38	o	E	3	bc	4	45	33	-	
Thurso ...	29.74	42	NE	1	a	29.84	+ .25	38	37	o	Z	0	o	2	49	36	-	
Wick ...	29.77	40	N	1	b	29.89	+ .28	39	37	o	E	1	c	3	43	35	-	
Nairn ...	29.73	40	Z	0	a	29.87	+ .27	37	35	+ 1	Z	0	o	2	41	35	-	
Aberdeen ...	29.72	40	NNE	3	f	29.85	+ .29	38	37	- 1	NNW	1	m	2	41	37	0.05	
Leith ...	29.74	40	ESE	3	f	29.83	+ .29	39	38	- 1	SE	2	o	*	42	38	0.12	
Shields ...	29.72	46	NE	2	o	29.87	+ .32	39	38	o	N	1	om	3	52	34	0.04	
York ...	29.73	48	W	1	b	29.84	+ .24	36	36	- 4	NW	1	b	*	34	34	-	
Scarborough ...	29.73	48	WSW	1	b	29.85	+ .26	38	38	- 4	NNE	2	f	2	32	38	-	
Nottingham ...	29.79	48	SSW	2	bc	29.85	+ .20	42	41	- 1	N	2	ofw	*	55	35	-	
Ardrossan ...	29.70	44	NNW	2	f	29.83	+ .29	41	39	+ 1	ENE	2	om	1	45	40	0.11	
Greencastle ...	29.66	44	E	2	o	29.77	+ .29	40	39	o	E	1	o	*	50	34	0.07	
Donaghadee ...	29.71	45	SW	2	b	29.81	+ .27	42	42	+ 2	ESE	4	m	2	57	39	-	
Kingstown ...	29.69	47	SSE	2	bc	29.79	+ .21	44	43	+ 3	S	1	cf	1	48	39	0.04	
Holyhead ...	29.72	48	SSW	1	b	29.78	+ .20	46	45	+ 2	SSW	1	cf	0	53	41	0.03	
Liverpool (Bidston) ...	29.74	48	NNW	1	b	29.80	+ .20	41	40	- 3	ESE	2	a	1	52	39	-	
Valencia ...	29.63	50	SSE	3	b	29.69	+ .16	45	45	o	ENE	2	c	2	53	40	-	
Roche's Point... ..	29.68	50	S	4	c	29.72	+ .17	48	47	+ 5	S	2	c	3	54	43	0.19	
Pembroke ...	29.71	49	SE	1	o	29.75	+ .15	46	45	o	SE	1	o	4	57	41	0.28	
Portishead ...	29.76	47	S	3	o	29.79	+ .14	45	45	+ 1	SSE	3	m	1	54	41	0.29	
Scilly ...																		
Plymouth ...	29.76	51	S	1	o	29.80	+ .15	50	50	+ 6	SSW	1	c	*	55	43	0.12	
Hurst Castle ...	29.80	48	SSW	3	a	29.81	+ .11	48	48	+ 2	WSW	2	f	2	57	44	0.14	
Dover ...	29.86	47	SW	2	b	29.85	+ .13	47	47	+ 1	SW	2	at	1	49	46	0.07	
London ...	29.82	51	SSW	2	bc	29.82	+ .14	46	46	o	S	1	ofr	*	56	44	0.38	
Oxford ...	*	*	*	*	*	29.82	+ .13	45	45	+ 4	Z	0	f	*	56	41	0.30	
Cambridge ...	29.81	48	SSW	1	c	29.84	+ .15	45	44	o	S	1	f	*	59	40	0.01	
Yarmouth ...	29.77	48	SSW	2	b	29.84	+ .17	44	43	o	Z	0	com	*	53	42	-	
The Helder... ..	*	*	*	*	*	29.89	+ .21	44	44	- 1	Z	0	f	*	*	*	-	
Cape Gris Nez ...	29.84	42	SW	3	bc	29.88	+ .11	46	46	+ 1	SSW	3	f	2	48	45	0.24	
Brest ...	29.79	52	S	3	o	29.86	+ .14	50	48	+ 2	SW	2	o	5	52	46	0.20	
L'Orient ...																		
Rocheport ...	29.84	57	SSE	4	bc	29.97	+ .13	52	52	+ 2	SE	4	f	3	64	36	-	
Biarritz ...	29.93	61	SSW	3	o	29.99	+ .10	63	59	+ 4	SSE	1	o	5	72	52	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.91	+ .07	48	*	+ 3	SW	3	f	*	*	*	0.50	
Charleville ...	*	*	*	*	*	29.94	+ .06	52	*	+ 6	SSW	1	o	*	*	*	*	
Paris ...	29.91	56	S	2	a	29.96	+ .05	55	*	+ 11	SW	3	o	*	*	*	0.04	
Lyons ...	*	*	*	*	*	30.13	+ .16	58	*	+ 3	SE	2	f	*	*	*	*	
Toulon ...	30.19	50	E	3	o	30.28	+ .16	58	58	+ 4	E	3	o	3	64	48	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.67	38	36	N	2	o	2	Valencia	29.61	52	47	SSE	3	bc	4
Thurso	29.69	47	42	E/NE	2	bc	3	Scilly							
Scarborough ...	29.67	51	45	WSW	2	b	2	London	29.76	54	50	SSW	1	o	*
Greencastle ...	29.85	49	46	S	1	o	*	Rocheport ...	29.84	64	57	SSE	4	bc	3
Holyhead	29.68	50	45	SSW	3	b	2								

The barometer is rising slowly everywhere, and the SWly winds are becoming general.

EXPLANATION OF COLUMNS.

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

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

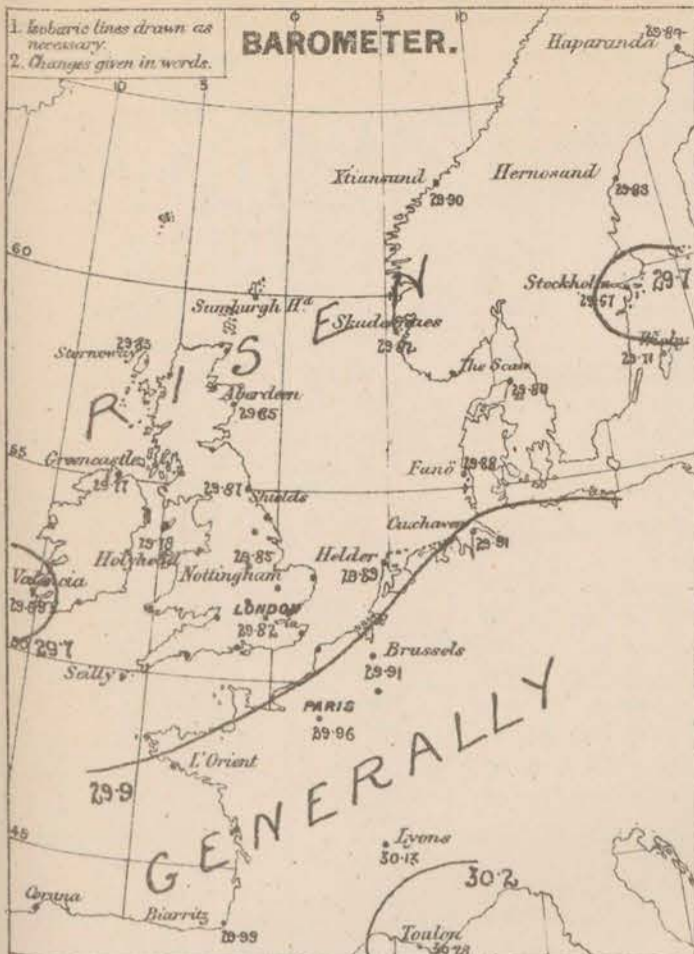
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Thursday MARCH 29th 1877.

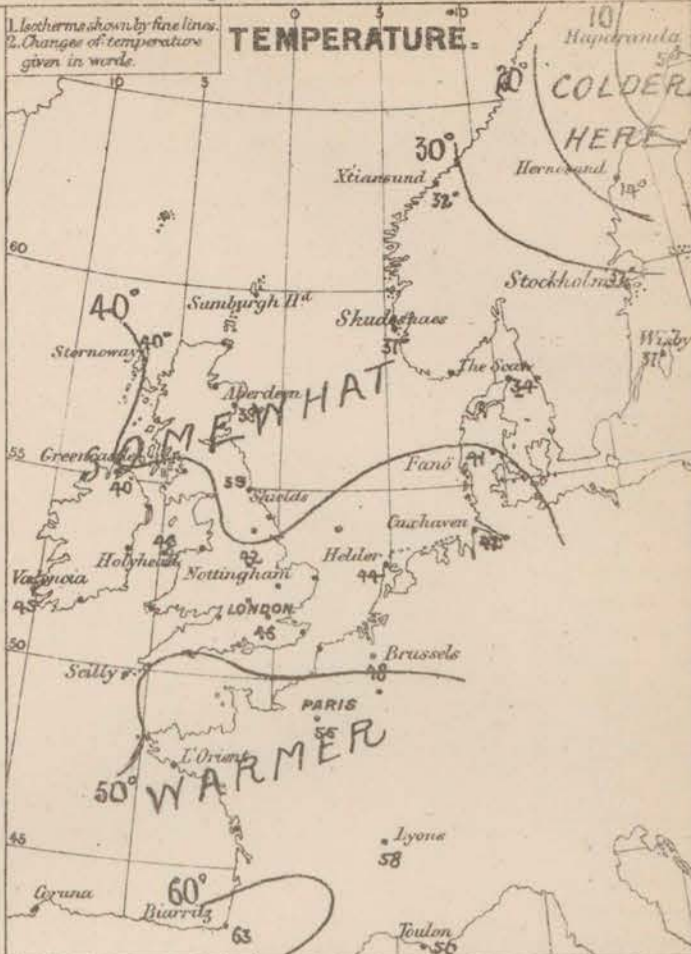
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



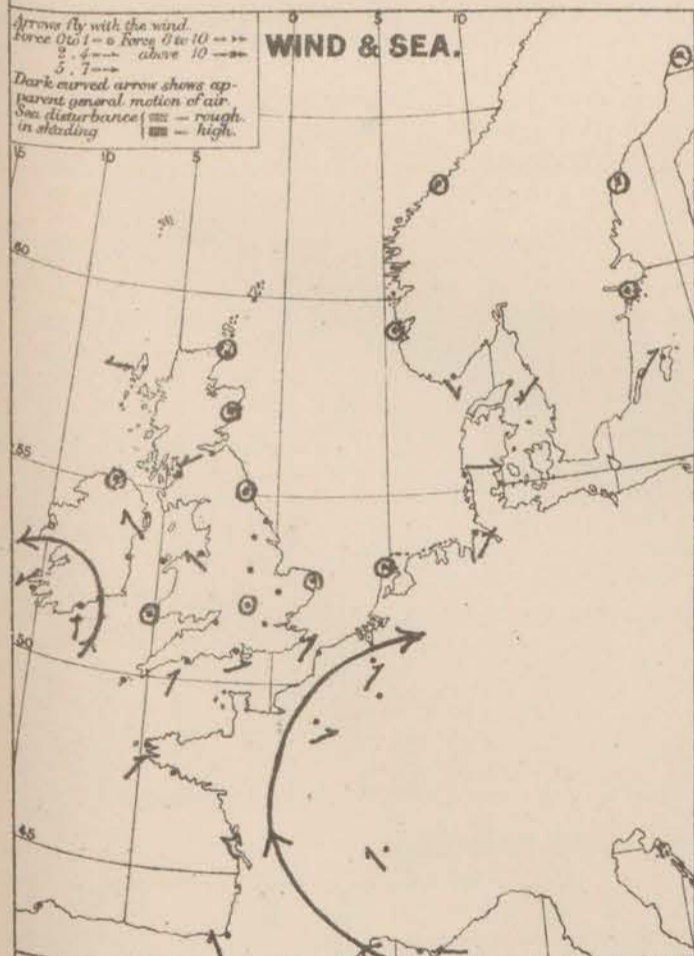
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



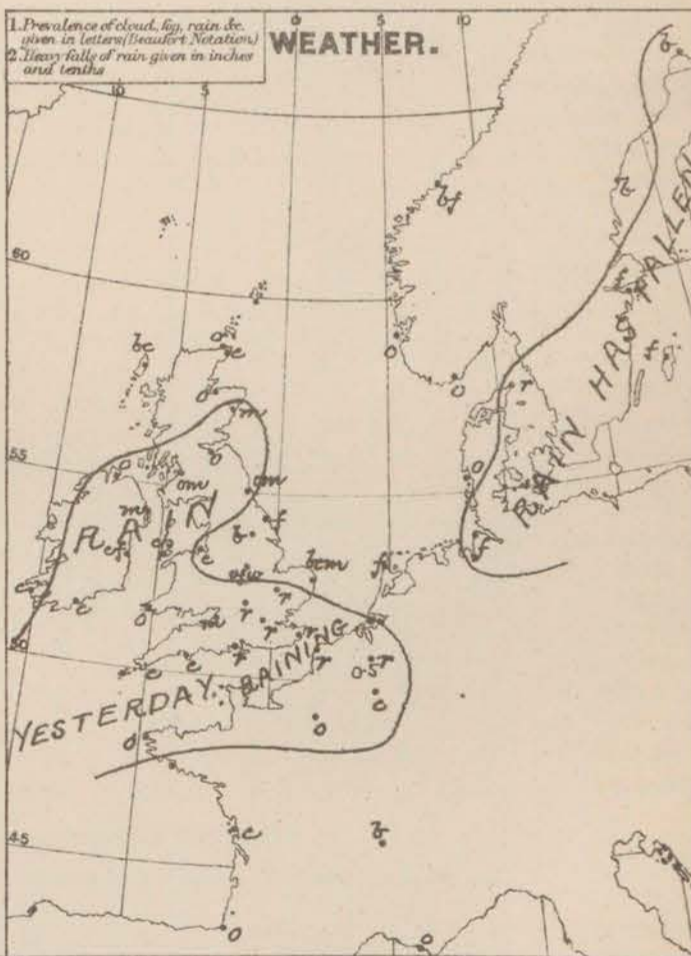
1. Arrows fly with the wind. Force 0 to 10 is shown by the number of arrows. Force above 10 is shown by a dark curved arrow.
2. Dark curved arrow shows apparent general motion of air.
3. Sea disturbance: rough in standing, high in standing.

WIND & SEA.



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

WEATHER.



REMARKS. During the past 24 hours the barometer has risen in all parts of W. Europe, the change varying from about 0.1 in. on our NE. coasts, and 0.1 in. in the S. of France, to about 0.1 in. over the E. parts of the Channel, the E. parts of England and Ireland. The rise has been rapid, during the night, and this morning's observations show that an area of high pressure lies over the SE. of France, and another at some distance to the N. of our islands, while a small depression is found off the W. of Ireland, and a second over the Baltic. The winds are consequently very light and variable, the gradients being slight. In the Channel, the N. of France, and N. Germany they are chiefly N.W. while over Ireland, the N. of Scotland, and W. of Norway they are SE. to E. Temperature is rising generally. At Paris it is 11 warmer than it was yesterday, and at Biarritz the thermometer stands at 63° this morning. Rain has fallen in many places, and continues to fall fast over the S. and SE. of England this morning. Thunder has occurred on both shores of the Irish Channel, and a heavy hail shower passed over London yesterday, followed by heavy rain in the night. The sky is very cloudy over nearly the whole of W. Europe, and the weather damp. The sea is moderate in the S.W. smooth elsewhere.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT MARCH 30th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sun. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.97	-1	Z	0	b	30.06	+ .22	1	1	- 4	N	2	b	*	*	*	-	
Hernösand ...	29.98	16	Z	0	b	30.04	+ .16	12	12	- 2	Z	0	b	*	*	*	-	
Stockholm ...	29.76	28	N	24	o	29.82	+ .15	24	23	- 8	NW	2	s	*	*	*	2.44	
Wisby ...	29.78	31	NW	8	s	29.86	+ .15	28	28	- 9	NW	6	o	*	*	*	-	
Christiansund ...	29.92	35	NNE	1	b	29.84	- .06	31	27	- 1	SSE	1	b	2	37	21	-	
Skudesnaes ...	29.89	37	SSE	4	o	29.89	+ .07	36	35	- 1	SSE	6	f	5	37	36	0.12	
Oxö (Tiansand) ...	29.93	35	SSW	2	c	29.96	+ .12	34	30	+ 1	NW	2	o	1	39	32	-	
Skagen (The Sea) ...	29.93	34	NE	2	c	29.96	+ .16	35	31	+ 1	ENE	2	o	0	36	28	0.04	
Fanö ...	29.91	40	?	1	o	29.95	+ .04	37	36	- 4	N	1	o	*	40	36	-	
Cuxhaven ...	29.91	37	NE	2	b	29.92	+ .01	42	42	0	NE	1	f	*	?	41	0.13	
Sumburgh Head ...																		
Stornoway ...	29.82	45	SSE	1	b	29.77	- .06	44	42	+ 4	SW	1	o	4	45	34	0.02	
Thurso ...	29.88	40	SE	1	b	29.76	- .10	39	38	+ 1	S	2	c	1	48	33	0.04	
Wick ...	29.88	38	Z	0	b	29.79	- .10	40	38	+ 1	S	1	b	1	49	35	-	
Nairn ...	29.87	40	Z	0	o	29.83	- .04	37	35	0	Z	0	b	1	42	31	-	
Aberdeen ...	29.86	42	SSE	1	c	29.86	+ .01	37	35	- 1	SSW	1	b	1	44	33	-	
Leith ...	29.87	41	ENE	3	b	29.92	+ .09	36	34	- 3	N	2	c	*	47	34	-	
Shields ...	29.88	42	E	3	c	29.97	+ .10	40	38	+ 1	Z	0	o	3	47	35	-	
York ...	29.87	44	E	1	o	29.97	+ .13	39	39	+ 3	NW	1	o	*	48	35	0.91	
Scarborough ...	29.88	40	E	1	o	29.96	+ .11	40	40	+ 2	N	1	o	3	41	38	0.01	
Nottingham ...	29.84	50	SE	2	o	29.99	+ .14	42	41	0	NW	2	bf	*	50	39	0.13	
Ardrossan ...	29.84	46	NE	2	o	29.95	+ .12	39	38	- 2	ESE	1	m	1	50	36	-	
Greencastle ...	29.84	49	ENE	1	o	29.92	+ .15	41	40	+ 1	N	2	o	*	56	35	-	
Donaghadee ...	29.83	43	ESE	2	b	29.96	+ .15	40	40	- 2	N	3	b	2	50	38	-	
Kingstown ...	29.82	47	ENE	1	c	30.02	+ .23	39	38	- 5	Z	0	bf	1	48	37	0.01	
Holyhead ...	29.80	49	N	1	c	29.98	+ .20	44	44	- 2	NW	1	f	0	52	40	0.01	
Liverpool (Bidston) ...	29.80	48	NE	1	f	29.98	+ .18	43	41	+ 2	ENE	1	b	1	56	41	0.08	
Valencia ...	29.80	57	NW	1	c	30.07	+ .38	48	46	+ 3	NW	1	bf	2	56	40	-	
Roche's Point ...	29.81	57	SW	2	c	30.04	+ .32	44	42	- 4	NW	4	c	4	55	41	0.26	
Pembroke ...	29.79	47	SSW	1	b	29.99	+ .24	47	46	+ 1	NW	1	c	3	50	44	0.25	
Portishead ...	29.83	49	S	2	b	29.98	+ .19	47	45	+ 2	SW	3	b	3	52	43	0.26	
Scilly ...																		
Plymouth ...	29.87	52	SW	3	b	30.03	+ .23	49	48	- 1	SW	2	b	*	58	47	0.04	
Hurst Castle ...	29.87	50	SW	2	b	30.00	+ .19	48	48	0	N	3	om	2	62	45	0.01	
Dover ...	29.91	48	NW	2	b	29.98	+ .13	50	47	+ 3	NW	3	b	2	50	45	0.04	
London ...	29.88	52	NW	2	b	29.98	+ .16	47	46	+ 1	NW	2	o	*	59	44	0.13	
Oxford ...	*	*	*	*	*	29.99	+ .17	48	46	+ 3	N	1	o	*	56	42	0.09	
Cambridge ...	29.87	47	S	1	o	29.96	+ .12	46	45	+ 1	NW	1	o	*	57	44	0.06	
Yarmouth ...	29.86	45	E	1	o	29.91	+ .07	45	45	+ 1	N	3	cf	*	47	40	0.03	
The Helder ...	*	*	*	*	*	29.90	+ .07	45	45	+ 1	S	1	f	*	47	*	0.20	
Cape Gris Nez ...	29.95	48	SW	3	o	30.01	+ .13	46	46	0	SW	3	o	2	50	45	0.04	
Brest ...	29.99	59	NW	2	b	30.13	+ .27	59	50	+ 9	NW	2	b	5	?	46	-	
L'Orient ...	30.01	50	SW	2	c	30.13	+ .20	50	50	- 2	N	1	m	5	54	45	0.39	
Rochefort ...	29.96	57	NW	3	b	30.07	+ .10	52	52	0	E	3	o	3	68	39	-	
Biarritz ...	30.20	64	SE	1	o	30.06	+ .07	59	54	- 4	SSW	1	f	5	66	52	0.12	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.01	+ .10	48	*	0	SW	3	o	*	*	*	0.06	
Charleville ...	*	*	*	*	*	30.01	+ .07	50	*	- 2	NW	3	o	*	*	*	*	
Paris ...	30.02	53	NW	3	f	30.12	+ .16	50	*	- 5	NW	3	o	*	*	*	0.24	
Lyons ...	*	*	*	*	*	30.16	+ .03	57	*	- 1	NE	2	c	*	*	*	*	
Toulon ...	30.23	52	E	3	o	30.17	- .11	50	48	- 2	E	3	c	3	57	50	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.88	38	37	SSE	3	2	3	Valencia	29.73	50	47	NW	2	c	2
Thurso	29.88	45	41	SE	2	c	2	Scilly							
Scarborough ...	29.87	39	39	NE	1	o	2	London	29.84	50	52	SW	3	c	*
Greencastle ...	29.79	52	49	E	2	b	*	Rochefort ...	29.94	64	59	SE	3	b	3
Holyhead	29.80	50	46	NE	2	b	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.

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

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

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

DAILY WEATHER REPORT

MARCH 31st 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.								PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.	
Haparanda ...	29.96	10	Z	0	b	29.87	- .19	- 2	- 3	- 3	Z	0	b	*	*	*	-
Hernösand ...	30.01	14	N E	2	b	29.77	- .27	7	7	- 5	NNE	2	0	*	*	*	-
Stockholm ...	29.86	24	N	4	0	29.82	.00	2.5	24	+ 1	Z	0	b	*	*	*	-
Wisby ...	29.89	30	NW	4	0	29.91	+ .02	28	27	0	NW	4	b	*	*	*	-
Christiansund ...	29.89	37	SE	2	b	29.23	- .66	36	35	+ 5	S	3	c	3	37	28	-
Skudesnaes ...	29.80	38	S	4	r	29.56	- .24	40	40	+ 4	SSW	6	ff	5	?	36	0.35
Oxö (Klansand) ...	29.93	35	SW	4	0	29.68	- .25	36	36	+ 2	SSW	4	r	3	36	?	-
Skagen (The Scaw) ...	29.95	34	Z	0	0	29.78	- .17	35	34	0	SW	4	r	3	39	32	0.04
Fanö ...	29.96	39	N	2	0	29.89	- .07	40	40	+ 0	NSW	4	0	*	43	37	0.04
Cuxhaven ...	29.98	52	N	2	bc	30.02	+ .04	42	41	0	SW	3	0	*	*	39	-
Sumburgh Head ...	29.71	46	N	4	r	29.63	- .08	43	41	- 1	NW	6	eff	5	38	41	0.16
Thurso ...	29.68	45	SW	3	r	29.57	- .11	44	43	+ 5	NW	5	ff	5	37	38	0.14
Wick ...	29.70	44	N	4	0	29.52	- .18	46	44	+ 6	N	3	r	0	38	40	-
Nairn ...	29.78	46	WSW	3	bc	29.63	- .15	46	43	+ 9	N	3	0	2	49	37	-
Aberdeen ...	29.79	47	WSW	2	a	29.65	- .14	45	43	+ 8	SSW	2	bc	1	53	37	0.01
Leith ...	29.90	57	N	3	bc	29.76	- .14	47	46	+ 11	NW	5	bc	*	55	35	-
Shields ...	29.95	50	N	3	0	29.87	- .08	47	44	+ 7	N	5	om	1	55	39	-
York ...	30.01	52	N	1	b	29.97	.00	46	44	+ 7	N	3	0	*	54	38	-
Scarborough ...	30.00	47	SSW	2	bc	29.93	- .07	45	44	+ 5	WSW	2	0	2	48	39	-
Nottingham ...	30.05	53	NW	3	a	30.06	+ .01	45	43	+ 3	SW	3	ow	*	58	37	-
Ardrossan ...	29.94	49	N	3	0	29.57	- .37	47	45	+ 2	N	5	r	4	51	39	0.10
Greenecastle ...	29.94	48	N	3	0	29.90	- .04	48	47	+ 7	NW	4	0	*	54	39	-
Donaghadee ...	29.98	49	N	3	bc	29.95	- .03	47	44	+ 7	N	6	bc	4	53	?	-
Kingstown ...	30.07	57	N	3	0	30.07	+ .00	47	45	+ 8	N	4	c	3	53	37	-
Holyhead ...	30.06	49	SSW	2	b	30.06	+ .00	46	45	+ 2	SW	4	og	3	52	45	-
Liverpool (Bidston) ...	30.03	48	N	3	bc	30.02	+ .01	46	44	+ 2	NSW	5	0	3	50	43	-
Valencia ...	30.18	58	N	3	0	30.21	+ .03	48	47	0	N	2	0	2	56	44	0.02
Roche's Point ...	30.16	52	SW	3	bc	30.19	+ .03	48	45	+ 4	WSW	3	0	3	55	40	-
Pembroke ...	30.11	47	N	1	b	30.15	+ .04	47	45	0	NW	4	a	3	50	45	-
Portishead ...	30.08	49	SW	3	b	30.13	+ .05	46	44	- 1	SW	3	bc	2	54	41	-
Scilly ...	30.04	52	SW	2	b	30.20	+ .16	48	48	- 6	Z	0	fm	*	59	38	-
Plymouth ...	30.14	52	SW	2	b	30.17	+ .03	46	46	- 2	N	3	b	3	57	41	-
Hurst Castle ...	30.10	49	NSW	4	0	30.12	+ .02	48	45	- 2	SW	2	b	1	56	41	-
Dover ...	30.09	50	N	2	bc	30.12	+ .03	48	45	- 2	SW	2	b	1	56	41	-
London ...	30.08	53	Z	0	c	30.13	+ .05	45	43	- 2	WSW	2	b	*	58	39	-
Oxford ...	*	*	*	*	*	30.12	+ .04	44	43	- 4	WSW	1	0	*	56	40	-
Cambridge ...	30.06	50	SW	1	b	30.07	+ .01	46	44	0	SW	2	b	*	55	36	-
Yarmouth ...	30.05	44	NW	1	b	30.04	+ .01	45	43	0	N	3	fm	*	46	38	0.01
The Helder ...	*	*	*	*	*	30.03	+ .02	44	43	- 1	SW	2	c	*	*	*	0.20
Cape Gris Nez ...	30.11	46	NNE	1	bc	30.13	+ .02	45	43	- 1	SW	3	c	2	58	43	0.04
Brest ...	30.25	64	NW	2	b	30.29	+ .04	48	45	- 11	N	1	c	3	?	43	-
L'Orient ...	30.07	55	NW	4	bc	30.17	+ .10	48	48	- 4	E	2	b	?	63	41	-
Biarritz ...	30.12	67	NSW	3	r	30.17	+ .05	52	52	- 5	ENE	3	m	3	?	46	0.12
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	*	*	*	*	*	30.18	+ .07	45	*	- 3	SW	3	0	*	*	*	0.03
Charleville ...	*	*	*	*	*	30.16	?	46	*	- 4	SW	1	ad	*	*	*	*
Paris ...	30.12	56	N	3	bc	30.23	+ .11	48	*	- 2	N	3	b	*	*	*	-
Lyons ...	*	*	*	*	*	30.24	?	55	*	- 2	N	2	b	*	*	*	*
Toulon ...	30.08	52	E	3	m	30.02	- .06	57	48	+ 7	NW	3	b	4	?	58	0.03

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

Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnaes ...	29.85	38	37	SSW	5	0	5	Valencia			
Thurso	29.71	48	45	SW	4	0	3	Scilly			
Scarborough ...								London			
Greenecastle ...						*		Rochefort ...	30.08	57	54
Holyhead											

EXPLANATION OF COLUMNS.

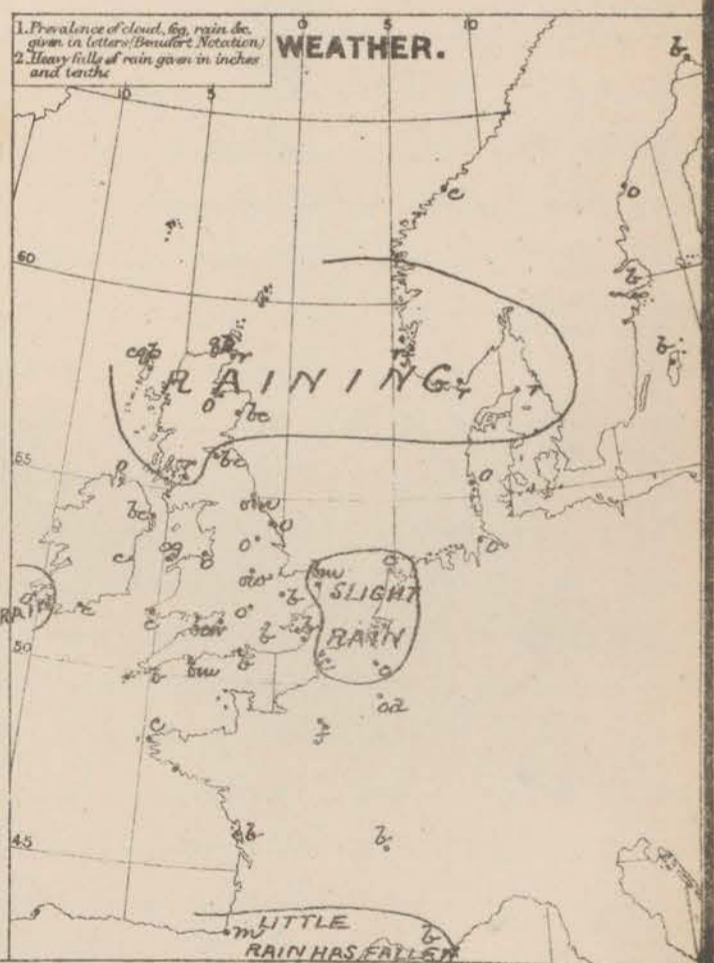
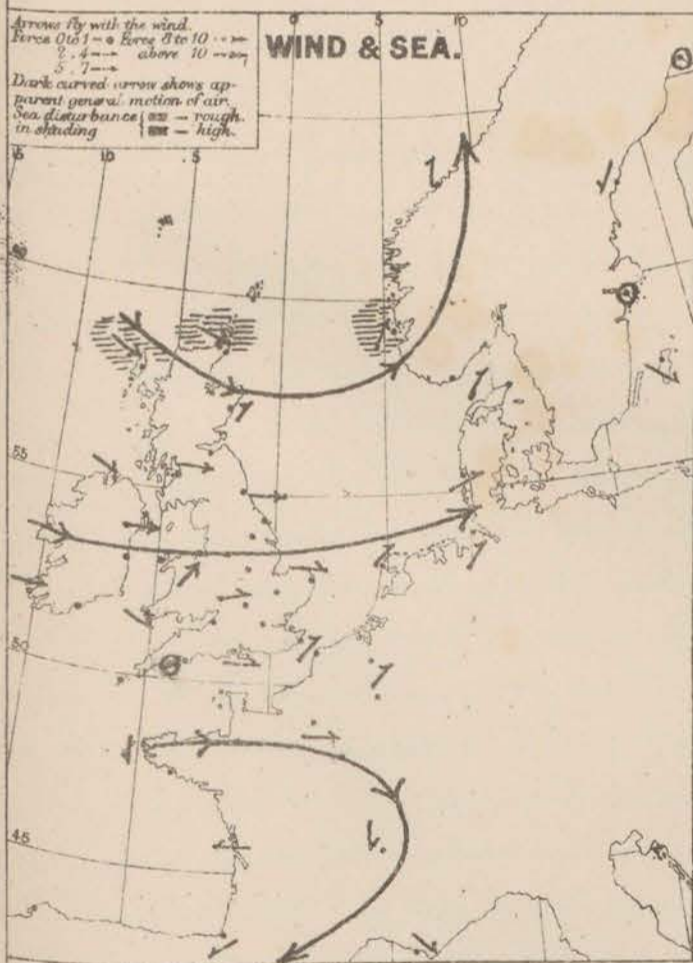
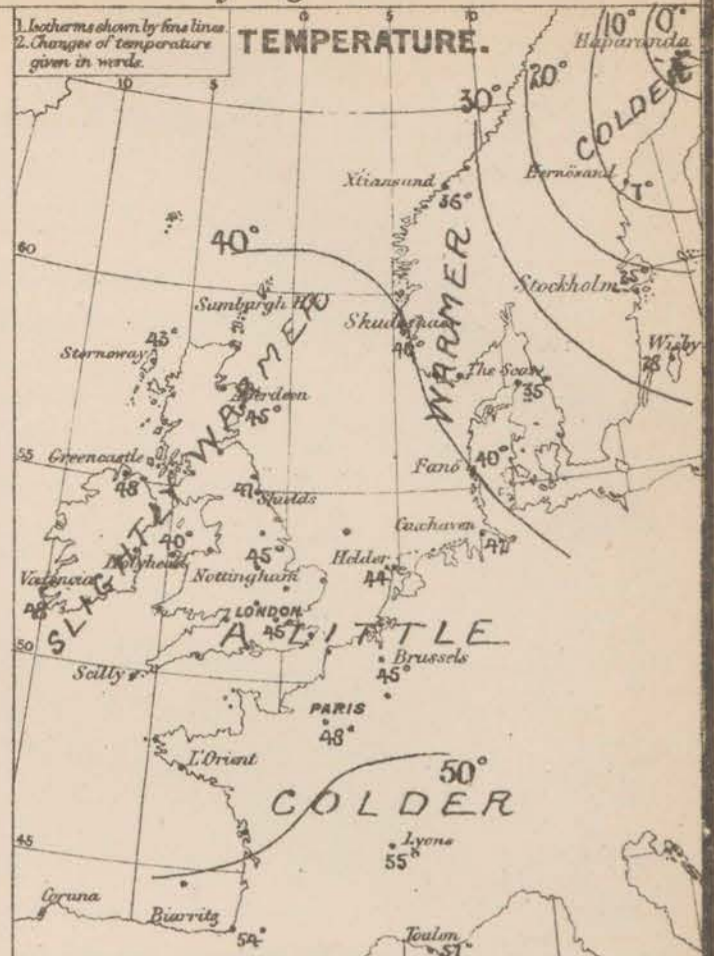
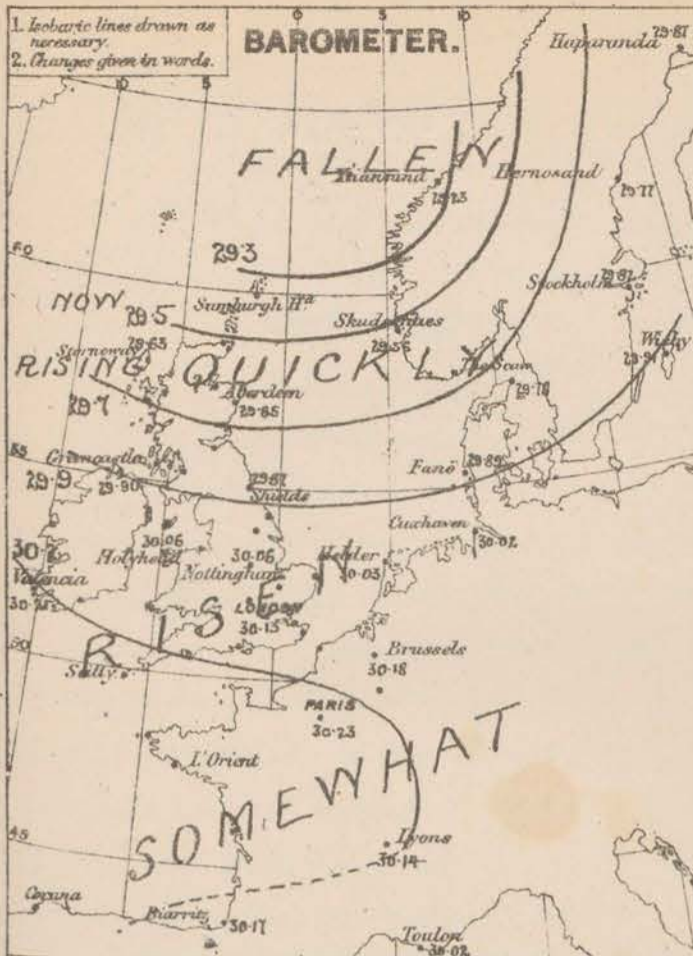
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 9 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 March 31st 1877.



REMARKS. During the past 24 hrs. the centre of a very large depression has advanced from the W. to the W. coast of Norway, causing the barometer to fall 0.6 in. at Christiania, and about 0.25 in. in the N. of Scotland. In the S. and SW. of our Islands, however, as well as over France, the mercury has risen, and a recovery has commenced at Stornoway during the night. W. winds now prevail over the whole of our Islands, varying in force from a very light breeze in the Channel coasts, to a strong equally breeze in the N. In Denmark the wind draws into SW, and in Norway to S. while in the SW. of France an E. breeze has set in. Temperature has risen in the W. and N., but fallen in the SE. and S. In London it went down to 59° in the shade, and 29° on the grass during the night. Slight showers have fallen at a few stations, and rain is now falling in many parts of Scotland, and the S. of Norway. In France and the S. of England the sky is much clearer, and the weather dry. The sea is rather rough in the N. slight elsewhere.

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

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

R. H. SCOTT.
Director.

SUMMARY OF WEATHER IN WESTERN EUROPE

from MARCH 25th to MARCH 31st 1877.

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

On the morning of the 25th, a deep depression lay over the St. George's Channel, causing strong E^g gales in the N. and fresh winds with unsettled weather over the whole country. This disturbance subsequently passed away SE^g over France at the same time becoming filled up, the barometer then rose and from the 27th to the 29th very quiet weather with light SW^g winds was experienced. On the 30th, however, the barometer began to give way in the N. and on the next day a deep depression passed from NW^g to the NW^g of the British Isles, and fresh NW^g winds were felt. Temperature has changed comparatively little, and the weather has been generally dry.

MARCH 25th A very deep depression had advanced from the Atlantic across the South of Ireland and had its centre between Cork and Milford Haven. The barometer had fallen rapidly in the NW^g of France, and the SW^g of England, and to a less extent in most other places, but in the N. of Ireland a recovery had set in, while in the N. of Scotland and over Scandinavia the mercury had risen steadily. Gradients were rather steep generally particularly over the NW^g and NE^g stations, the winds which blew from between W. and S. over France and the Channel, from SE to E over the more NW^g parts of the kingdom, and from N. at Valentia and Rock's Point, were strong everywhere and blew a hard gale in the NE. of England, and the N. of Ireland. Temperature had increased slightly generally. The weather was dull, wet, and unsettled, the rainfall in the neighbourhood of the depression being large. During the day the disturbance moved SE^g but at the same time filled up, the barometer rising everywhere at 6 P.M.

MARCH 26th The system had continued to move SE^g and had its centre over the W. of France, it was, however, becoming much shallower the barometer ^{had} risen not only in its rear but on all sides, the greatest increase, however, being at our SW^g stations. Under these circumstances, the winds which continued its circulation round the depression as on the previous day, had decreased considerably in force, and had become moderate or light except in the NW^g and NE^g. Temperature had changed little and irregularly. Rain had fallen except in Scandinavia, and the weather at 8 A.M. was very dull and unsettled. The barometer subsequently fell somewhat at all our more NW^g stations, while it rose briskly in the W. of France, and at 6 P.M. the lowest readings lay over Central England.

MARCH 27th Pressure had continued to increase over France and the S. and E. of our Islands, but in the N. and W. as well as over Norway and Denmark it had decreased. The disturbance which lay over France had disappeared, and the lowest readings were found over Ireland, so that the E^g breezes were confined to the extreme NW^g stations, and W^g to S^g breezes prevailed elsewhere. In nearly all places they were moderate to light in force. Temperature had changed little and irregularly except in Sweden where it had risen several degrees. Rain had again been general, and at 8 am the sky was cloudy in nearly all places with snow in the S. of Norway. By the afternoon the barometer had begun to rise in the W. and at 6 P.M. the increase had become general.

MARCH 28th The barometer was still rising in all places, except in Northern Norway. The lowest pressures lay off the NW^g Coast, but readings were very uniform, and the winds light in force. They were S^g to SW^g generally, but still drew into E. in the extreme N. Temperature had risen a few degrees over England and at most of the Continental stations but had fallen in the NW^g. The sky was clear or nearly so except in the NW^g and NE^g where rain and mist prevailed. During the day the barometer still rose generally, readings became more uniform and the winds very light.

MARCH 29th A further rise of the barometer was reported from all places, and readings were exceedingly uniform over these Islands. Regions of comparatively high pressure lay over the S. of France, the other to the

N^W of these Islands, while low readings were reported both from the Baltic and the S. of Ireland. The wind was chiefly S^W to SE^W but was exceedingly light in force. Temperature had risen slightly generally, but in the N. of Scandinavia it had fallen several degrees. The sky was cloudy in nearly all places, and rain was falling at the S^W stations. Later Reports showed scarcely any change.

MARCH 30th A large shallow depression lay off our N^W Coast, while a small secondary was shown over South Wales but the barometer was apparently rising in all parts of N^W Europe except the N. of Norway. The wind continued very light and varied very much in direction, though N^W breezes prevailed over the Channel and North of France. Temperature had risen at most of the British and fallen at most of ^{the} Continental stations. The weather was fine generally. The barometer fell somewhat in the N. during the day.

MARCH 31st, By this morning a large and deep depression had advanced from the N^W to the Coast of Norway, causing the barometer to fall 0.6 in. at Christiansund, and about 0.3 inch in the North of Scotland. Its influence extended as far as L^orré but to the S^W of that station, the barometer still rose, so that rather steep gradients were formed on our N^W Coast. The wind was moderate or fresh in force from N. at all our stations, and from S^W over the North Sea, but in France variable airs continued. Temperature had fallen in the S. and SE. but risen elsewhere. In London the thermometer had fallen to 39° in the shade, and 29° on the grass. The weather was dull and showery in the N. but clear in the S. By the evening the barometer was rising briskly in the N^W. -

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR MARCH 1877

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea, (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
				Dir.	Force, (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force, (0 to 12).			Max.	Min.		
1 st	Sunbury H ⁴	30.12	30	NW	5	0	30.10	+10	36	34	+11	SW	6	c	3	34	25	0.02	
	Scilly	30.37	40	E	1	50	30.33	+04	48	48	+7	S	6	o	4	48	38	-	
	Scilly 2pm						30.31	-	52	51	+1	S	6	o	4	48	38	-	
2 nd	Sunbury H ⁴	29.96	37	SSW	3	2	29.70	-26	45	45	+9	SSW	4	o	4	46	34	0.26	
	Scilly	30.28	51	SSW	5	00	30.23	-10	51	50	+3	SSW	6	o	5	52	46	0.05	
	L'Orient	30.43	48	SW	3	00	30.38	-09	48	45	+12	SW	3	o	5	50	36	0.26	
	Corunna	*	*	*	*	*	30.33	-07	51	*	+3	SE	3	o	1	*	*	*	
	Scilly 2pm						30.21	-	52	51	+1	SSW	4	o	5	*	*	*	
3 rd	Sunbury H ⁴	29.86	44	SW	4	0	29.91	+21	44	41	-3	WSW	3	o	2	48	44	-	
	Scilly	30.18	51	S	5	00	30.10	-13	51	51	0	SSW	3	o	5	54	49	0.01	
	L'Orient	30.36	46	SSW	3	00	30.22	-16	48	48	0	S	4	o	4	54	45	-	
	Corunna	*	*	*	*	*	30.12	-21	54	*	+3	?	?	o	1	*	*	*	
	Scilly 2pm						30.07	-	52	51	-	S	4	o	5	-	-	-	
4 th	Sunbury H ⁴	29.91	42	W	2	5	29.70	-12	41	40	-3	W	2	o	1	47	38	0.06	
	Scilly	30.07	50	WNW	4	00	30.05	-05	49	47	-2	WNW	6	o	5	47	47	0.01	
	Corunna	*	*	*	*	*	30.37	+25	54	*	0	NE	2	o	1	*	*	*	
5 th	Sunbury H ⁴	29.78	40	WNW	2	50	29.74	-05	36	35	-5	WNW	2	o	0	45	34	0.18	
	Scilly	30.10	47	WNW	7	00	30.06	+01	46	43	-3	W	6	o	5	49	42	0.06	
	Scilly 2pm						30.05	-	47	48	1	W	6	o	5	-	-	-	
6 th	Sunbury H ⁴	29.86	35	NE	4	5	29.72	-02	36	34	0	SW	3	o	2	44	32	0.01	
	Scilly	30.06	45	NE	6	00	30.07	+01	46	45	0	W	5	o	4	48	43	0.04	
	Corunna	*	*	*	*	*	30.28	?	50	*	?	NE	9	o	4	*	*	*	
	Scilly 2pm						30.05	-	49	46	-	WNW	4	o	4	-	-	-	
7 th	Sunbury H ⁴	29.45	34	NE	8	2	29.70	-02	31	29	-5	NE	4	o	3	41	29	0.1	
	Scilly	30.00	48	WNW	5	00	29.75	-32	45	42	-1	WNW	8	o	6	49	44	0.01	
	Corunna	*	*	*	*	*	30.20	-08	50	*	0	W	6	o	7	*	*	*	
	Scilly 2pm						29.81	-	44	41	-	W	8	o	5	-	-	-	
8 th	Sunbury H ⁴	29.82	33	NE	4	0	29.85	+15	33	33	+2	W	6	o	3	47	27	0.02	
	Scilly	29.81	44	W	9	0	30.09	+34	42	40	-3	W	6	o	5	45	39	-	
	Corunna	*	*	*	*	*	30.22	+02	49	*	-1	E	9	o	?	*	*	*	
	Scilly 2pm						30.16	-	44	42	-	W	6	o	5	-	-	-	
9 th	Sunbury H ⁴	29.78	32	NE	4	0	29.92	+07	33	32	0	SE	7	o	3	36	29	0.05	
	Scilly	30.18	44	W	6	00	30.22	+13	44	42	+2	W	4	o	2	44	41	-	
	Corunna	*	*	*	*	*	30.35	+13	47	*	-2	NE	9	o	7	*	*	*	
	Scilly 2pm						30.19	-	46	45	-	WNW	4	o	2	-	-	-	
10 th	Sunbury H ⁴	29.82	39	S	3	00	29.74	-18	43	43	+10	SW	3	o	3	44	32	0.05	
	Scilly	30.13	48	WNW	5	00	30.01	-21	49	49	+5	WNW	3	o	2	49	43	-	
	Corunna	*	*	*	*	*	30.22	-13	48	*	+1	S	1	o	1	*	*	*	
	Scilly 2pm						29.98	-	51	50	-	WSW	2	o	2	-	-	-	
11 th	Sunbury H ⁴	29.74	43	SSW	2	2	29.75	+01	44	43	+1	SW	3	o	4	46	45	0.05	
	Scilly	29.95	49	S	2	0	30.09	+08	47	46	-2	SE	4	o	3	54	45	0.05	
	Corunna	*	*	*	*	*	29.96	-26	49	*	+1	SE	1	o	2	*	*	0.50	
12 th	Sunbury H ⁴	29.72	41	SW	4	0	29.93	-82	40	39	-4	W	5	o	4	44	36	0.05	
	Scilly	30.23	45	SSW	4	00	30.12	+03	48	46	+1	WNW	5	o	4	51	43	0.05	
	L'Orient	30.23	39	ENE	3	5	30.23	+08	34	?	+2	ENE	4	o	4	43	30	*	
	Corunna	*	*	*	*	*	?	?	44	*	+5	E	9	o	7	*	*	*	
	Scilly 2pm						30.03	-	50	50	-	WSW	6	o	4	-	-	-	
13 th	Sunbury H ⁴	29.80	40	WNW	9	00	29.07	+14	37	35	-3	WNW	3	o	3	46	32	0.02	
	Scilly	30.01	50	WNW	6	00	30.10	-02	50	48	+2	WNW	3	o	4	50	46	0.02	
	Corunna	*	*	*	*	*	30.39	-	45	*	+1	WNW	3	o	4	*	*	*	
	Scilly 2pm						30.12	-	51	49	-	WNW	6	o	5	-	-	-	
14 th	Sunbury H ⁴	29.38	39	WNW	5	5	29.00	-07	39	37	+2	W	9	o	8	46	30	0.10	
	Scilly	30.16	50	WNW	6	00	30.17	+07	50	48	-2	WNW	6	o	5	51	47	0.01	
	Corunna	*	*	*	*	*	30.40	+07	46	*	+1	NE	1	o	4	*	*	*	
	Scilly 2pm						30.17	-	51	49	-	W	5	o	4	-	-	-	
15 th	Sunbury H ⁴	29.17	39	WNW	9	0	29.29	+29	37	34	-2	WNW	5	o	4	42	32	0.13	
	Scilly	30.18	51	WNW	5	00	30.09	-08	49	48	-1	W	4	o	4	52	46	0.06	
	Corunna	*	*	*	*	*	30.25	-15	47	*	+1	NE	1	o	4	*	*	*	
	Scilly 2pm						30.02	-	52	50	-	WSW	5	o	4	-	-	-	
16 th	Sunbury H ⁴	29.22	36	W	1	0	29.14	-15	32	31	-5	NE	1	o	3	42	29	0.01	
	Scilly	29.94	50	WSW	6	00	29.75	-34	45	41	-4	WNW	6	o	5	52	42	0.01	
	Corunna	*	*	*	*	*	30.08	-17	50	*	+3	NE	6	o	1	*	*	*	
	Scilly 2pm						29.74	-	45	41	-	WNW	6	o	4	-	-	-	
17 th	Sunbury H ⁴	29.22	37	W	1	5	29.32	+18	34	34	+2	ENE	2	o	2	41	31	0.10	
	Scilly	29.71	44	W	7	00	29.71	-04	42	39	-3	W	6	o	6	56	39	0.01	
	Corunna	*	*	*	*	*	30.03	-05	50	*	0	?	?	o	5	*	*	*	
	Scilly 2pm						29.72	-	46	41	-	W	5	o	4	-	-	-	
18 th	Sunbury H ⁴	29.45	34	NE	5	0	29.46	+14	32	31	-2	NE	3	o	2	42	29	0.02	
	Scilly	29.73	44	W	7	00	29.67	-04	47	43	+5	W	0	o	4	47	37	0.01	
19 th	Sunbury H ⁴	29.47	34	WNW	3	0	29.49	+03	32	32	0	W	0	o	4	47	31	-	
	Scilly	29.60	44	NE	3	50	29.60	-07	45	40	-2	NE	4	o	2	50	40	-	
	Corunna	*	*	*	*	*	29.58	-26	46	*	-4	NE	3	o	5	*	*	*	
	Scilly 2pm						29.58	-	47	43	-	NE	5	o	4	-	-	-	
20 th	Sunbury H ⁴	29.44	35	SE	1	6	29.47	-02	34	32	+2	W	0	o	2	42	27	0.09	
	Scilly	29.56	45	NE	5	00	29.44	-16	42	38	-3	ENE	5	o	4	47	35	0.06	
	L'Orient	29.36	41	ENE	6	2	29.22	-28	37	37	-2	NE	5	o	2	46	?	0.16	
	Corunna	*	*	*	*	*	29.58	00	45	*	+1	NE	6	o	7	*	*	*	
	Scilly 2pm						29.43	-	44	39	-	NE	6	o	7	-	-	-	
21 st	Sunbury H ⁴	29.45	35	NE	3	0	29.32	-15	34	34	0	SSW	6	o	4	38	30	0.35	
	Scilly	29.43	44	NE	5	00	29.47	+03	43	39	+1	WNW	2	o	2	43	39	-	
	Corunna	*	*	*	*	*	29.55	-03	44	*	-1	E	9	o	7	*	*	0.30	
	Paris	29.07	43	NE	4	0	29.28	+18	39	*	+1	WSW	3	o	7	*	*	-	
	Scilly 2pm						29.50	-	48	41	-	WNW	2	o	2	-	-	-	
22 nd	Sunbury H ⁴	29.36	37	SW	4	50	29.41	+09	37	33	+3	W	5	o	4	40	32	0.1	

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

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 5.)	SHADE TEMP.		Amount of Rainfall.		
				Dirac.	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.	Dirac.	Force. (0 to 12).			Max.	Min.			
22	Silly	29.54	45	N	2	W	1	0	29.76	+20	46	41	+3	2	2	W	0	48	40	0.01
23	Corunna	29.54	45	N	2	W	1	0	29.76	+20	46	41	+3	2	2	W	0	48	40	0.01
24	Silly 2pm	29.54	45	N	2	W	1	0	29.76	+20	46	41	+3	2	2	W	0	48	40	0.01
25	Sumburgh H.	29.89	45	N	2	W	1	0	29.51	+10	37	32	+5	2	2	W	0	48	41	0.03
26	Corunna	29.46	45	N	2	W	1	0	29.61	+15	43	37	+6	2	2	W	0	48	41	0.03
27	Silly	29.44	45	N	2	W	1	0	29.31	+14	46	44	+2	2	2	W	0	48	42	0.04
28	Corunna	29.44	45	N	2	W	1	0	29.31	+14	46	44	+2	2	2	W	0	48	42	0.04
29	Silly 2pm	29.42	45	N	2	W	1	0	29.31	+14	46	44	+2	2	2	W	0	48	42	0.04
30	Sumburgh H.	28.84	46	N	2	W	1	0	29.55	+18	34	32	+2	2	2	W	0	48	36	0.12
31	Corunna	29.64	45	N	2	W	1	0	29.74	+16	44	42	+2	2	2	W	0	48	40	0.04
32	Silly	28.85	45	N	2	W	1	0	29.19	+15	48	44	+4	2	2	W	0	48	42	0.01
33	Corunna	28.85	45	N	2	W	1	0	29.19	+15	48	44	+4	2	2	W	0	48	42	0.01
34	Silly 2pm	29.64	45	N	2	W	1	0	29.06	+14	43	44	+1	2	2	W	0	48	42	0.01
35	Sumburgh H.	29.64	45	N	2	W	1	0	29.43	+14	40	46	+6	2	2	W	0	48	43	0.18
36	Corunna	29.25	45	N	2	W	1	0	29.52	+19	39	35	+4	2	2	W	0	48	43	0.18
37	Silly	29.25	45	N	2	W	1	0	29.20	+11	44	44	+1	2	2	W	0	48	43	0.18
38	Corunna	29.25	45	N	2	W	1	0	29.64	+18	48	46	+2	2	2	W	0	48	43	0.18
39	Silly 2pm	29.52	45	N	2	W	1	0	29.38	+11	40	46	+6	2	2	W	0	48	43	0.18
40	Sumburgh H.	29.43	45	N	2	W	1	0	29.63	+11	40	46	+6	2	2	W	0	48	43	0.18
41	Corunna	29.65	45	N	2	W	1	0	29.62	+12	40	46	+6	2	2	W	0	48	43	0.18
42	Silly	29.65	45	N	2	W	1	0	29.19	+11	40	46	+6	2	2	W	0	48	43	0.18
43	Corunna	29.65	45	N	2	W	1	0	29.69	+11	40	46	+6	2	2	W	0	48	43	0.18
44	Silly 2pm	29.71	45	N	2	W	1	0	29.80	+13	40	46	+6	2	2	W	0	48	43	0.18
45	Sumburgh H.	29.73	45	N	2	W	1	0	29.75	+13	40	46	+6	2	2	W	0	48	43	0.18
46	Corunna	29.81	45	N	2	W	1	0	29.93	+14	40	46	+6	2	2	W	0	48	43	0.18
47	Silly	29.81	45	N	2	W	1	0	29.99	+14	40	46	+6	2	2	W	0	48	43	0.18
48	Corunna	29.90	45	N	2	W	1	0	29.82	+14	40	46	+6	2	2	W	0	48	43	0.18
49	Silly 2pm	29.84	45	N	2	W	1	0	29.75	+14	40	46	+6	2	2	W	0	48	43	0.18
50	Sumburgh H.	29.86	45	N	2	W	1	0	29.05	+10	40	46	+6	2	2	W	0	48	43	0.18
51	Corunna	29.20	45	N	2	W	1	0	29.35	+14	40	46	+6	2	2	W	0	48	43	0.18
52	Silly	29.20	45	N	2	W	1	0	29.23	+11	40	46	+6	2	2	W	0	48	43	0.18
53	Corunna	29.20	45	N	2	W	1	0	29.30	+11	40	46	+6	2	2	W	0	48	43	0.18
54	Silly 2pm	29.21	45	N	2	W	1	0	29.03	+11	40	46	+6	2	2	W	0	48	43	0.18
2. CORRECTIONS																				
55	Nottingham								+22									28		
56	Androssau																			
57	Holyhead 2pm																			
58	York																			
59	London	29.88	43																	
60	Androssau																			
61	Grimsby	29.77																		
62	Kingston																			
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