

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY—30TH JUNE,

1877.



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

Published by the Meteorological Office, London.

DAILY WEATHER REPORT

MAY 1st

1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 5 P. M. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 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 ...	29.39	27	S	2	b	29.52	+ .21	17	16	- 10	S	2	o	*	*	*	-	
Hernösand ...	29.60	31	N	2	bc	29.63	+ .08	41	35	+ 5	NNH	2	bc	*	*	*	-	
Stockholm ...	29.67	35	N	4	b	29.74	+ .21	37	31	- 3	Z	0	b	*	*	*	-	
Wisby ...	29.68	36	NE	4	c	29.74	+ .06	34	32	- 11	NNE	5	b	*	*	*	-	
Christiansund ...	29.54	35	NNH	9	c	29.80	+ .02	31	28	- 3	NNH	8	c	7	36	?	-	
Skudesnaes ...	30.02	36	NNH	7	b	30.09	+ .14	35	32	- 4	NNH	6	s	3	39	?	-	
Oxö (Xtiansand) ...	29.87	40	NN	4	b	29.97	+ .22	36	30	- 5	NN	4	b	2	45	32	-	
Skagen (The Seaw.) ...	29.82	39	N	3	b	29.91	+ .26	39	34	- 2	NNH	3	c	2	52	36	-	
Fanö ...	29.93	39	NNH	6	b	30.00	+ .17	41	36	- 3	NNH	6	b	*	48	36	-	
Cuxhaven ...	29.90	?	NNW	7	o	30.04	+ .17	42	38	- 2	NNH	6	o	*	*	39	-	
Sumburgh Head ...																		
Stornoway ...	30.41	39	NNE	4	o	30.44	+ .15	38	37	- 1	NN	1	o	3	42	34	-	
Thurso ...	30.35	39	NNE	4	o	30.40	+ .15	40	36	+ 2	N	5	c	4	42	35	0.01	
Wick ...	30.36	37	N	3	o	30.37	+ .12	38	36	+ 1	NNH	2	o	0	43	34	-	
Nairn ...	30.38	38	NE	2	c	30.42	+ .19	39	36	0	N	2	c	3	42	37	-	
Aberdeen ...	30.29	39	N	4	c	30.36	+ .18	38	34	- 1	NNH	2	o	2	42	35	-	
Leith ...	30.31	42	ENE	3	c	30.42	+ .22	40	37	0	NE	2	c	*	45	36	-	
Shields ...	30.30	40	N	5	o	30.39	+ .23	39	35	- 4	NNH	4	o	5	45	36	-	
York ...	30.26	42	N	2	c	30.38	+ .24	39	36	- 4	N	2	o	*	48	35	0.01	
Scarborough ...	30.25	41	N	3	o	30.36	+ .23	40	37	- 3	NNE	2	o	3	44	37	0.02	
Nottingham ...	30.27	43	N	5	o	30.41	+ .24	40	35	- 1	N	4	o	*	52	34	-	
Ardrossan ...	30.31	44	ENE	2	o	30.46	+ .25	41	35	0	NE	1	o	0	46	35	-	
Greencastle ...	30.26	46	NE	2	o	30.40	+ .22	45	40	- 2	SE	2	b	*	53	39	-	
Donaghadee ...	30.29	48	ESE	3	o	30.43	+ .23	43	38	- 1	E	3	b	2	49	39	-	
Kingstown ...	30.28	48	ENE	3	c	30.41	+ .22	45	38	0	E	5	o	4	48	44	-	
Holyhead ...	30.24	47	ENE	3	b	30.41	+ .24	44	39	0	ENE	4	b	3	50	40	-	
Liverpool (Bidston) ...	30.25	44	NE	3	c	30.41	+ .24	43	37	0	NE	2	bc	1	51	34	-	
Valencia ...	30.23	53	SW	2	c	30.31	+ .14	50	43	+ 4	E	3	bm	4	56	37	-	
Roche's Point... ..	30.25	52	E	3	bc	30.31	+ .16	47	44	+ 1	ENE	3	bc	3	56	38	-	
Pembroke ...	30.19	50	NNE	2	b	30.26	+ .25	42	40	- 4	E	3	ow	2	55	42	-	
Portishead ...	30.19	50	N	3	c	30.39	+ .28	42	38	- 1	N	3	bc	3	53	37	-	
Seilly ...																		
Plymouth ...	30.17	51	E	1	o	30.24	+ .27	43	41	- 3	E	3	o	*	55	40	-	
Hurst Castle ...	30.16	50	NE	4	bc	30.36	+ .29	43	42	- 2	NE	3	b	2	52	38	-	
Dover ...	30.16	46	NNE	3	bc	30.30	+ .29	43	38	- 3	NE	4	bc	3	49	40	-	
London ...	30.19	48	NNE	2	c	30.35	+ .30	42	35	- 3	NNE	3	o	*	50	38	-	
Oxford ...	*	*	*	*	*	30.39	+ .28	41	38	- 1	NE	1	o	*	57	33	-	
Cambridge ...	30.20	44	NNE	1	o	30.37	+ .26	40	38	- 2	N	1	o	*	50	35	0.02	
Yarmouth ...	30.17	44	N	3	c	30.31	+ .25	42	38	0	N	4	c	3	48	36	0.07	
The Helder... ..	*	*	*	*	*	30.21	+ .23	40	37	- 3	N	2	bc	*	*	*	0.04	
Cape Gris Nez ...	30.15	46	NE	4	bc	30.24	+ .28	43	39	- 3	NNE	5	o	4	50	39	-	
Brest ...	30.19	59	N	2	o	30.32	+ .22	46	43	- 4	E	3	b	3	?	39	-	
L'Orient ...	29.96	52	NNH	4	c	30.32	+ .23	46	43	- 2	ESE	4	b	4	59	41	-	
Rochefort ...	30.07	59	NNH	5	c	30.18	+ .18	50	48	- 2	NE	4	c	3	68	41	-	
Biarritz ...	30.12	63	N	3	bc	30.17	+ .11	52	52	- 1	ENE	2	c	3	?	46	0.08	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.23	+ .30	42	*	- 3	NE	3	o	*	*	*	0.01	
Charleville ...	*	*	*	*	*	30.14	+ .32	40	*	- 8	N	3	o	*	*	*	*	
Paris ...	30.04	53	NNE	5	c	30.24	+ .32	42	*	- 7	NNE	3	o	*	*	*	-	
Lyons ...	*	*	*	*	*	29.99	+ .11	37	*	- 3	N	3	b	*	*	*	*	
Toulon ...	29.82	59	NNH	5	bc	29.83	- .02	32	46	0	NN	4	b	5	63	52	-	

YESTERDAY'S 3 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.98	39	33	NNH	5	b	4	Valencia	30.21	52	46	NE	3	bm	3
Thurso	30.31	40	38	NNE	5	o	4	Scilly							
Scarborough ...	30.21	44	41	N	4	c	4	London	30.15	49	43	NNE	2	o	*
Greencastle ...	30.22	51	45	NNH	2	c	*	Rochefort ...	30.04	55	52	NN	5	c	4
Holyhead	30.22	48	44	N	3	b	2								

Pressure has increased slowly in all places since the morning, but has remained steady at Valencia since noon. The winds continue N by on all coasts.

EXPLANATION OF COLUMNS.

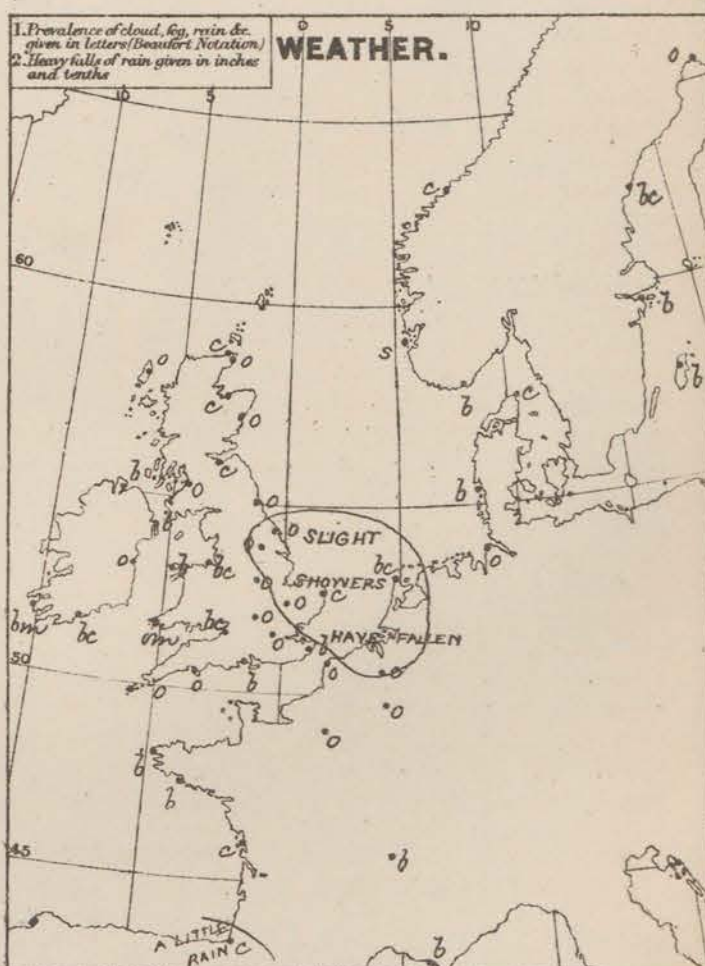
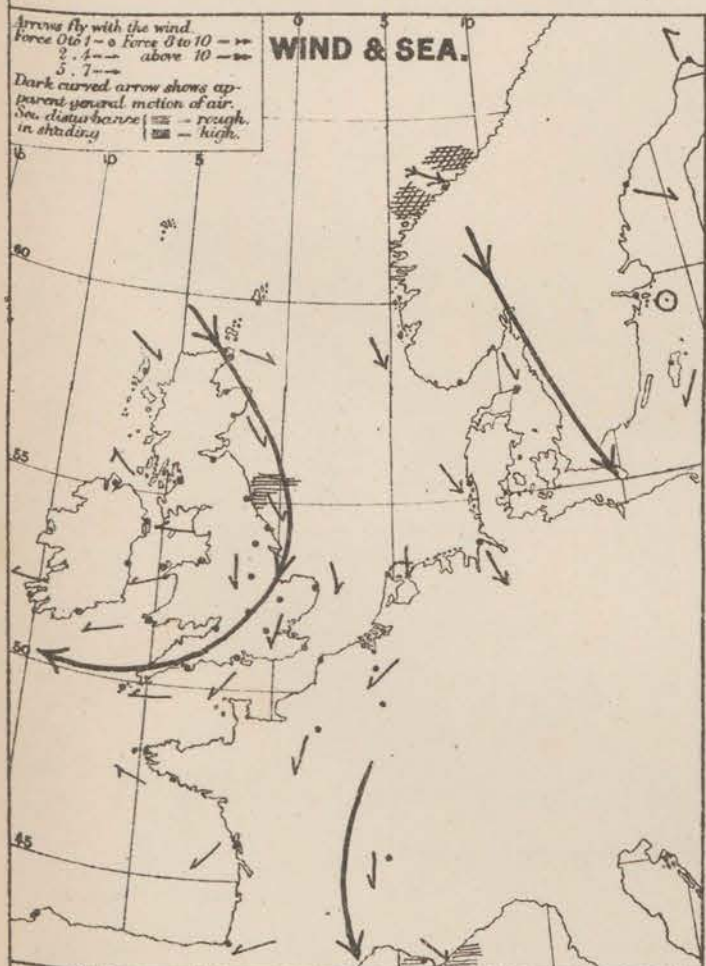
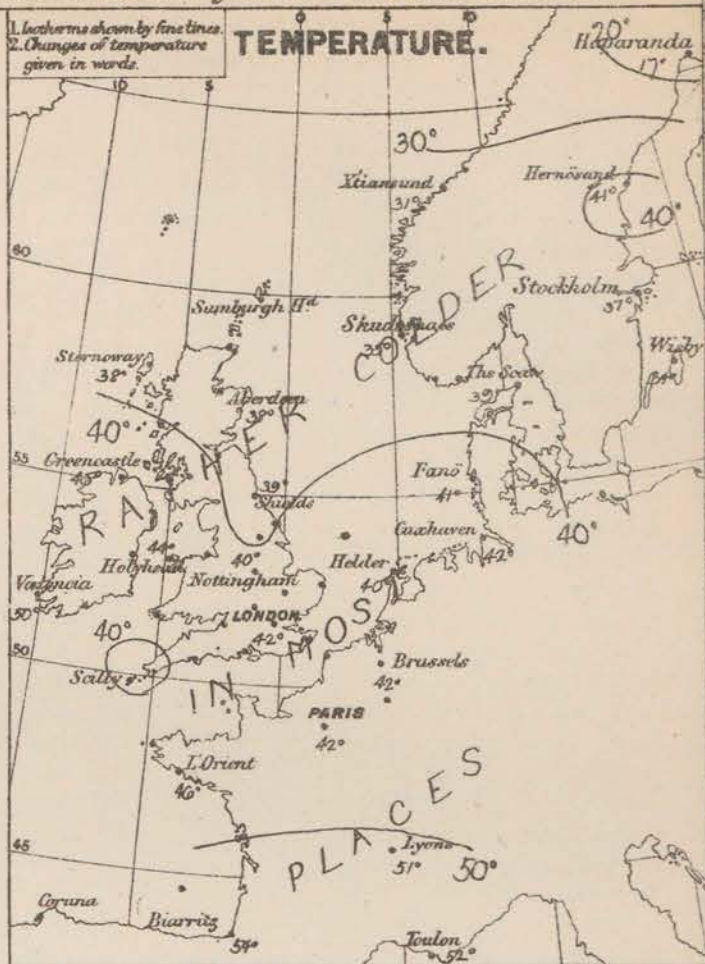
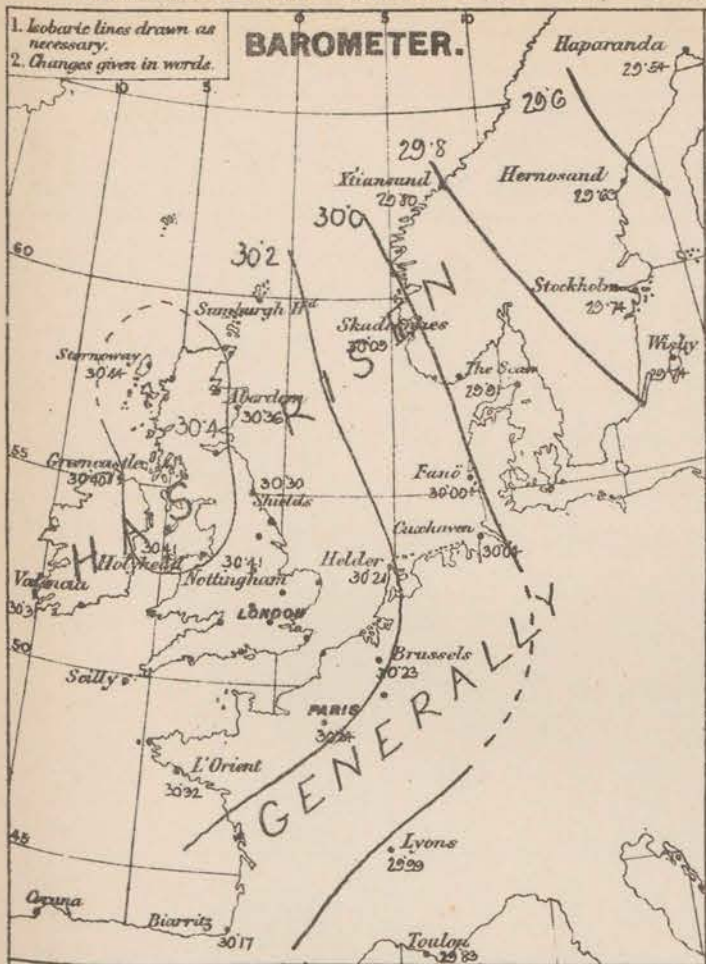
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS *for 8 a.m. on Tuesday 1ST MAY 1877.*



REMARKS. The barometer continues to rise steadily over the whole of the United Kingdom, France and the North Sea, while it is falling somewhat in the west of Norway. Gradients for NW^h winds are consequently becoming steeper between the British and Norwegian coasts. The NW^h wind is freshening considerably on the eastern shores of the North Sea, strong breezes being reported from Aarhus, Jans and Skudsmoes this morning, while a fresh gale from WNW is felt at Christiansund. On our own coasts the wind is more moderate, and is chiefly N^h at our north eastern and eastern stations, NE^h in the south east and south, and E^h in the southwest and west. Temperature has fallen several degrees in France and the south of England, and the wind is very searching this morning. Showers of snow and hail have fallen all along our east and north east coasts. The sky is now very cloudy over central and eastern England, but is moderately clear both on the north west and southern coasts. The sea runs high at Christiansund, and is rising on our northern coasts.

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

R. H. SCOTT.
Director.

Langerfield Lth 22 Bedford St. Covent Garden

DAILY WEATHER REPORT MAY 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 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 ...	29.76	21	S	2	b	29.76	+ .22	23	22	+ 6	N	2	b	*	*	*	-	
Hernösand ...	29.72	32	SW	2	s	29.66	+ .03	31	30	- 10	N	2	r	*	*	*	0.16	
Stockholm ...	29.72	35	WSW	2	b	29.68	- .06	35	31	- 2	WSW	4	b	*	*	*	-	
Wisby ...	29.76	36	SSW	6	c	29.85	+ .11	33	31	- 1	NNH	8	b	*	*	*	-	
Christiansund ...	29.79	31	N	7	o	29.91	+ .11	31	?	0	SW	3	s	6	32	23	7.50	
Skudesnaes ...	30.06	31	NNH	5	b	30.03	- .06	36	31	+ 1	NNH	6	b	4	?	30	-	
Oxö (Kristiansund) ...	29.97	36	NNH	4	b	29.95	- .02	34	28	- 2	NNH	4	b	2	41	28	-	
Skagen (The Seaw) ...	29.90	38	NN	7	b	29.91	.00	36	31	- 3	NN	6	b	7	50	30	-	
Fanö ...	30.11	38	N	6	b	30.07	+ .07	39	33	- 2	SW	6	b	*	45	34	-	
Cuxhaven ...	30.16	?	N	6	o	30.16	+ .12	41	39	- 1	NN	5	r	*	4	36	0.02	
Sumburgh Head ...																		
Stornoway ...	30.37	43	NNH	4	b	30.26	- .18	42	40	+ 4	NN	5	r	5	45	30	0.07	
Thurso ...	30.32	37	NN	4	s	30.22	- .18	37	36	- 3	NNH	3	sp	3	47	34	0.26	
Wick ...	30.32	35	NN	3	o	30.23	- .14	35	35	- 3	N	1	s	0	48	30	0.14	
Nairn ...	30.35	42	NN	3	c	30.25	- .17	40	39	+ 1	N	1	c	2	47	34	-	
Aberdeen ...	30.31	41	NNH	4	b	30.23	- .13	41	36	+ 3	NNH	3	b	3	46	34	-	
Leith ...	30.36	40	WSW	2	o	30.28	- .14	45	40	+ 5	NN	2	b	*	47	33	-	
Shields ...	30.40	40	NNE	2	o	30.20	- .09	42	38	+ 3	NNE	2	b	3	43	37	-	
York ...	30.41	41	N	1	o	30.32	- .06	44	38	+ 1	W	3	b	*	45	36	-	
Scarborough ...	30.40	41	N	3	c	30.29	- .07	44	39	+ 4	N	2	b	3	44	36	-	
Nottingham ...	30.42	42	ESE	2	o	30.33	- .08	43	40	+ 3	SSW	2	o	*	48	35	-	
Ardrossan ...	30.41	47	N	2	b	30.31	- .15	42	38	+ 1	S	1	bm	0	49	32	-	
Greencastle ...	30.38	44	NE	2	o	30.28	- .12	43	40	- 2	S	1	o	*	48	39	-	
Donaghadee ...	30.40	43	SSW	2	b	30.32	- .11	43	40	0	ENE	1	c	0	48	36	-	
Kingstown ...	30.42	47	E	3	o	30.33	- .08	45	40	0	SSE	1	o	1	48	43	-	
Holyhead ...	30.41	43	NNE	3	b	30.32	- .09	43	39	- 1	NN	1	o	0	52	39	-	
Liverpool (Bidston) ...	30.38	45	ENE	1	m	30.30	- .11	43	40	0	SSW	1	m	1	47	35	-	
Valencia ...	30.29	53	SE	4	b	30.22	- .09	49	45	- 1	SE	5	omv	5	56	47	-	
Roche's Point... ..	30.35	50	SE	4	o	30.29	- .02	50	47	+ 3	SSE	4	c	4	54	45	-	
Pembroke ...	30.38	48	Z	0	c	30.30	- .06	47	42	+ 5	SW	2	bm	2	51	40	-	
Portishead ...	30.37	45	N	3	b	30.32	- .07	44	39	+ 2	E	1	b	1	52	36	-	
Seilly ...																		
Plymouth ...	30.37	46	SE	3	o	30.32	- .02	45	42	+ 2	E	2	o	*	50	37	-	
Hurst Castle ...	30.37	46	E	3	o	30.32	- .04	45	45	+ 2	E	3	o	2	46	39	-	
Dover ...	30.37	44	NNE	4	c	30.35	+ .05	43	37	0	NNH	2	c	1	47	40	-	
London ...	30.39	44	N	3	o	30.35	.00	42	38	0	Z	0	gf	*	46	38	-	
Oxford ...	*	*	*	*	*	30.33	- .06	42	40	+ 1	Z	0	m	*	47	36	-	
Cambridge ...	30.40	43	N	1	o	30.32	- .05	43	38	+ 3	SW	1	o	*	50	36	-	
Yarmouth ...	30.37	42	NNH	2	c	30.33	+ .02	42	38	0	NN	2	cm	2	46	36	-	
The Helder ...	*	*	*	*	*	30.27	+ .06	41	38	+ 1	NNH	3	c	*	*	*	-	
Cape Gris Nez ...	30.36	45	NNE	3	b	30.37	+ .08	41	36	- 2	N	2	o	2	50	39	-	
Brest ...	30.34	59	E	2	o	30.29	- .03	45	41	- 1	SE	3	b	3	59	37	-	
L'Orient ...	30.30	52	E	4	o	30.29	- .03	45	41	- 1	E	4	b	3	57	39	-	
Rochefort ...	30.24	57	NE	4	b	30.17	- .01	46	43	- 4	NE	4	b	3	63	36	-	
Biarritz ...	30.14	63	N	4	b	30.11	- .06	50	48	- 4	ENE	3	b	3	?	41	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.32	+ .09	41	*	- 1	N	3	o	*	*	*	-	
Charleville ...	*	*	*	*	*	30.25	+ .11	41	*	+ 1	NE	3	o	*	*	*	*	
Paris ...	30.31	45	NE	4	o	30.31	+ .07	41	*	- 1	NNE	3	b	*	*	*	-	
Lyons ...	*	*	*	*	*	30.19	+ .26	48	*	- 3	N	4	b	*	*	*	*	
Toulon ...	29.52	59	N	4	b	29.92	+ .09	54	46	+ 2	N	2	b	0	68	52	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.06	32	32	NW	7	s	4	Valencia	30.29	55	48	SSE	3	bm	4
Thurso	30.32	46	41	NNW	4	b	4	Seilly							
Scarborough ...	30.39	43	40	NNE	3	o	3	London	30.39	45	39	NNE	2	o	*
Greencastle ...	30.39	46	40	E	2	o	*	Rochefort ...	30.20	59	52	NE	4	b	3
Holyhead	30.40	47	41	NNE	3	b	2								

The barometer is falling steadily in bothness, and to a slight extent in Ireland. The wind has veered to SSE. for our SW Coast, with fine weather.

EXPLANATION OF COLUMNS.

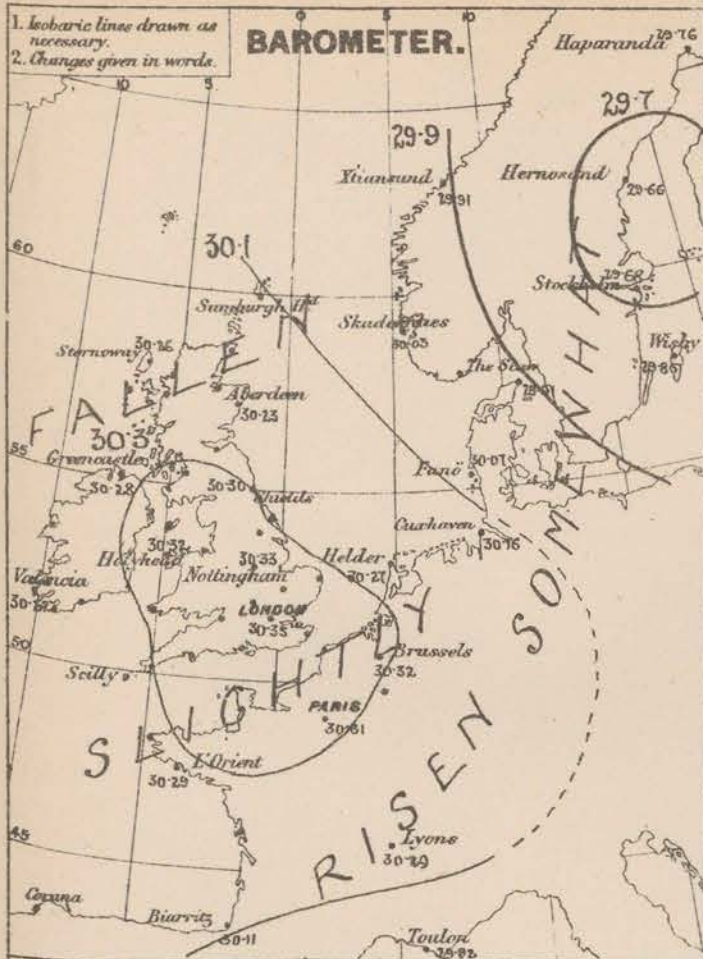
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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WEATHER CHARTS for 8 a.m. on Tuesday May 2nd 1877.



DAILY WEATHER REPORT MAY 3RD 1877.

STATIONS.	↑ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 13).		Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 13).			Max.	Min.		
Haparanda ...	29.79	36	NNE	2	c	29.77	+ .01	32	30	+ 9	SW	2	b	*	*	*	-	
Hernösand ...	29.73	32	ENE	2	c	29.76	+ .10	33	32	+ 2	WNW	4	b	*	*	*	0.04	
Stockholm ...	29.78	33	SSW	4	b	29.85	+ .17	35	32	0	NSW	2	b	*	*	*	-	
Wisby ...	29.77	34	NSW	4	b	29.79	- .06	32	31	- 1	WNW	4	b	*	*	*	-	
Christiansund ...	30.00	31	NNW	3	c	29.97	+ .06	30	?	- 1	Z	0	c	5	33	?	-	
Skudenes ...	30.03	36	NNW	4	b	30.05	+ .02	36	32	0	NNW	2	c	2	?	36	-	
Oxö (Tiansand) ...	29.94	39	NN	4	b	30.01	+ .06	33	30	- 1	NNW	4	b	2	41	32	-	
Skagen (The Sæw) ...	29.93	37	NNW	2	b	29.98	+ .05	37	32	+ 1	NE	3	b	3	34	32	-	
Fanö ...	30.02	35	NNW	4	b	29.98	- .04	40	36	+ 1	N	3	b	*	43	36	-	
Cuxhaven ...	30.13	?	NN	5	s	30.00	- .13	37	36	- 4	NNE	4	c	*	?	34	0.11	
Sumburgh Head																		
Stornoway	30.28	38	NNE	4	o	30.27	+ .01	39	36	- 3	NE	3	b	4	42	30	0.17	
Thurso ...	30.24	36	NNE	4	b	30.24	+ .02	34	34	- 3	NNE	2	sp	3	40	26	0.17	
Wick ...	30.25	37	N	3	b	30.23	00	37	35	+ 2	N	2	csp	0	40	26	0.11	
Nairn ...	30.27	36	NNW	3	o	30.28	+ .03	35	32	- 5	NSW	1	b	1	44	27	0.05	
Aberdeen ...	30.20	37	N	4	s	30.22	- .01	37	32	- 4	NNW	3	b	3	45	31	0.02	
Leith ...	30.20	39	E	3	c	30.24	- .04	41	37	- 4	ENE	2	b	*	49	35	-	
Shields ...	30.16	47	Z	0	c	30.20	- .10	39	38	- 3	NNE	3	o	3	48	36	-	
York ...	30.18	50	SW	1	b	30.20	- .12	41	36	+ 1	NNE	2	b	*	53	35	-	
Scarborough ...	30.17	42	S	2	b	30.19	- .10	44	39	0	NNE	2	b	3	47	37	-	
Nottingham ...	30.19	47	S	3	b	30.19	- .14	40	38	- 3	NNE	4	o	*	56	33	-	
Ardrossan ...	30.20	30	NNW	3	b	30.23	- .08	37	33	- 5	ENE	2	o	1	53	36	-	
Greencastle ...	30.21	48	NE	1	b	30.19	- .09	41	38	- 2	NNE	2	o	*	54	35	-	
Donaghadee ...	30.21	46	NNW	2	c	30.20	- .12	43	40	0	ENE	2	b	1	50	39	-	
Kingstown ...	30.23	49	SSE	3	c	30.18	- .15	46	43	+ 1	NE	4	og	4	51	34	-	
Holyhead ...	30.23	46	NNW	1	b	30.16	- .16	46	44	+ 3	NNW	1	c	0	49	40	-	
Liverpool (Bidston) ...	30.22	47	NNW	2	b	30.18	- .12	40	37	- 3	ENE	3	m	2	49	38	-	
Valencia ...	30.19	50	SSE	4	o	30.14	- .08	48	44	- 1	E	1	m	2	50	48	-	
Roche's Point... ..	30.24	55	S	4	b	30.16	- .13	45	42	- 5	N	2	o	3	58	40	-	
Pembroke ...	30.22	50	SW	1	b	30.15	- .15	45	42	- 2	E	1	bm	1	55	38	-	
Portishead ...	30.20	49	SE	1	o	30.16	- .16	40	38	- 4	NE	4	m	3	53	35	-	
Seilly ...																		
Plymouth ...	30.22	47	SE	1	o	30.12	- .20	45	42	0	E	1	o	*	51	36	-	
Hurst Castle ...	30.26	46	S	3	o	30.12	- .20	46	46	+ 1	Z	0	b	0	47	35	-	
Dover ...	30.22	45	ESE	2	b	30.13	- .22	48	42	+ 5	Z	0	b	0	48	36	-	
London ...	30.22	49	SSE	1	b	30.14	- .21	42	39	0	Z	0	fb	*	50	31	-	
Oxford ...	*	*	*	*	*	30.15	- .18	41	39	- 1	NE	2	o	*	54	25	-	
Cambridge ...	30.21	47	S	1	c	30.16	- .16	40	38	- 3	NNE	1	o	*	51	30	-	
Yarmouth ...	30.22	44	SSE	2	b	30.16	- .17	42	39	0	NE	3	b	3	48	34	-	
The Helder ...	*	*	*	*	*	30.10	- .17	41	38	0	N	2	c	*	*	*	-	
Cape Gris Nez	30.24	45	NE	1	b	30.14	- .23	45	39	+ 4	Z	0	b	0	52	37	-	
Brest ...	30.18	44	E	3	o	30.07	- .22	45	39	0	E	3	b	3	57	36	-	
L'Orient ...	30.15	52	E	3	b	30.08	- .21	43	39	- 2	E	4	b	3	55	37	-	
Rochefort ...	30.03	39	ENE	4	b	29.86	- .31	48	45	+ 2	E	4	b	3	64	37	-	
Biarritz ...	29.95	61	NNE	4	b	29.81	- .30	54	50	+ 4	ENE	3	o	3	?	45	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.14	- .18	40	*	- 1	N?	1	m	*	*	*	-	
Charleville ...	*	*	*	*	*	30.11	- .14	44	*	+ 3	ENE	3	b	*	*	*	-	
Paris ...	30.18	49	NE	4	b	30.10	- .21	43	*	+ 2	ENE	3	b	*	*	*	-	
Lyons ...	*	*	*	*	*	30.06	- .13	37	*	+ 3	NE	2	b	*	*	*	-	
Toulon ...	29.99	59	NNW	1	b	29.97	+ .05	55	50	+ 1	E	3	b	3	66	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.01	40	35	NW	6	c	4	Valencia ...	30.22	52	47	SSE	4	ow	4
Thurso	30.23	38	36	N	4	o	4	Scilly							
Scarborough ...	30.23	44	41	E	2	b	2	London	30.28	47	40	N	2	c	*
Greencastle ...	30.23	37	45	SE	1	o	*	Rochefort ...	30.06	61	50	E	4	b	3
Holyhead	30.29	47	43	NNW	2	b	1								

No important change has occurred since the morning, excepting that the barometer has ceased falling at Valencia, while the wind has veered a little 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.

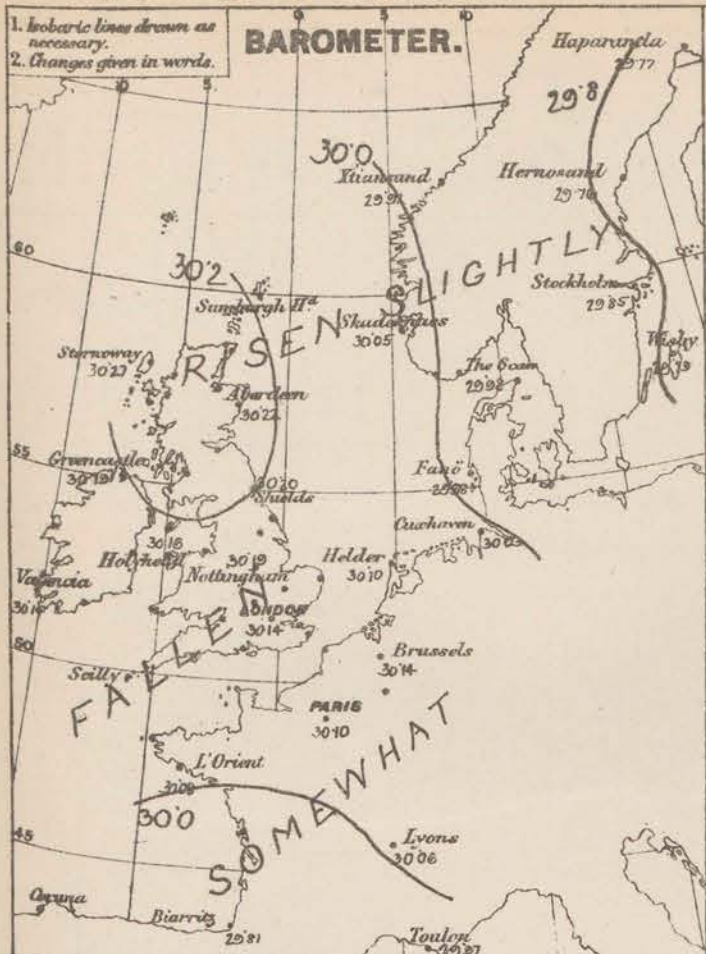
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 3rd MAY 1877.

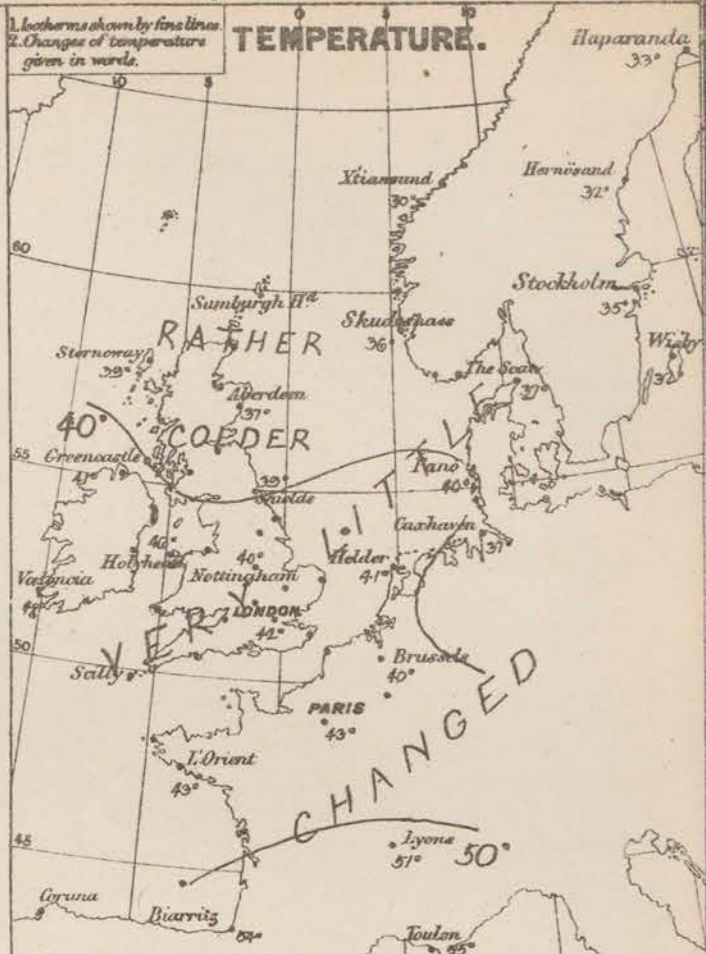
1. Isobars lines drawn as necessary.
2. Changes given in words.

BAROMETER.



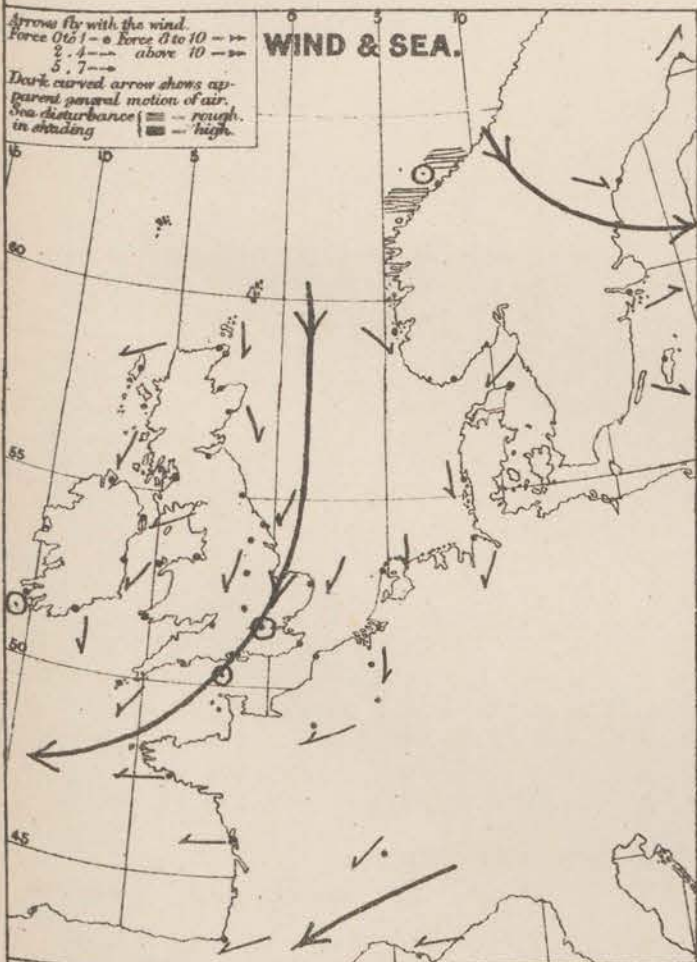
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



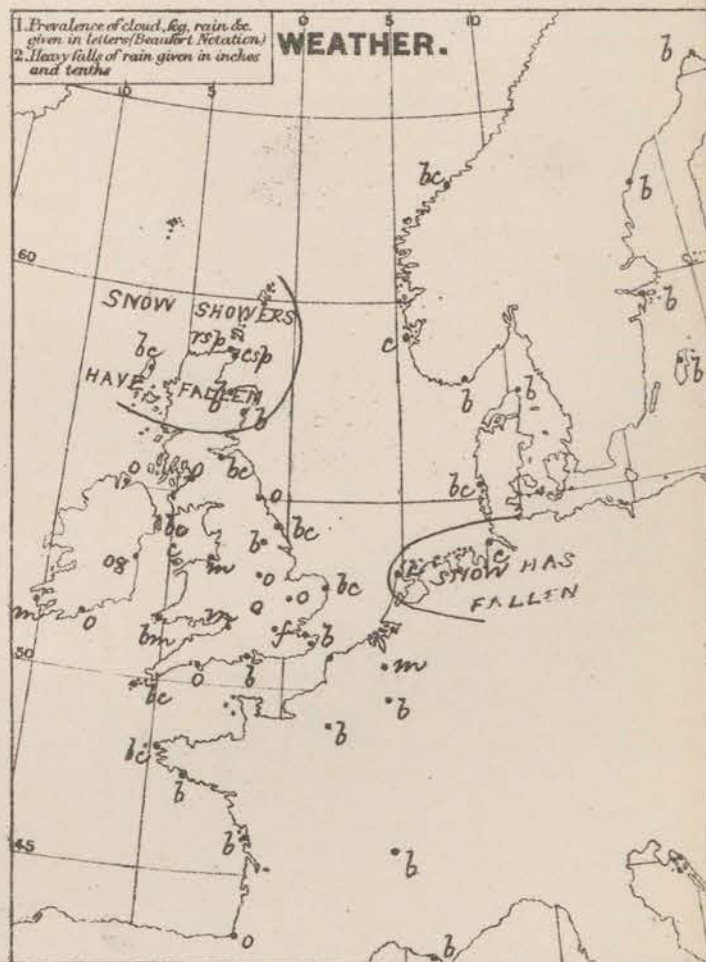
1. Arrows fly with the wind. Force 0 to 1 - a force 2 to 10 - 2, 4, 6, 8, 10 - above 10 - 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100.
2. Dark curved arrow shows apparent general motion of air. See disturbance in shading - 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. Since yesterday morning the barometer has risen a little at the Scandinavian stations and in the north of Scotland but fallen elsewhere. In the south west of France the fall amounts to 0.3 in. The gradient for E winds in France and the south of our Islands are consequently increasing slightly, while those for N winds over the North Sea are decreasing. The N breeze has consequently fallen light on the Danish and British coasts. Moderate E winds prevail in France, and light NE over the British kingdom. Temperature differs little from that reported yesterday beyond having fallen slightly in Scotland; but there have been considerable oscillations during the interval. Thus, in London the thermometer went down to 31° in the shade and 22° on the grass in the night but had risen again to 42° in the shade by 8 a.m. Heavy snow showers fell in all the northern parts of Scotland yesterday, and these still continue in Caithness. A snow was seen in Scotland last night. The sky is moderately clear over England and the adjacent Continental countries but overcast in Ireland. The sea is moderate to smooth except at Christiansund.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 87 per quarter, book post 57 per quarter.

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

R.H. SCOTT,
Director.

Langerfeld, 14th, 22 Bedford St., Covent Garden.

DAILY WEATHER REPORT MAY 4TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 15).		Reading at 8 A.M. and Sea Level.	Difference from 8 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Direc.	Force. (0 to 15).			Max.	Min.		
Haparanda ...	29.91	27	Z	0	b	30.00	+ .23	33	31	+ 1	N	2	b	*	*	*	0.08	
Hernösand ...	29.90	31	N	2	c	29.95	+ .19	35	32	+ 2	NE	2	c	*	*	*	-	
Stockholm ...	29.87	34	SSW	2	b	29.84	- .01	35	32	0	NNE	2	b	*	*	*	-	
Wisby ...	29.94	32	NNW	4	b	29.90	+ .11	34	32	+ 2	NN	4	b	*	*	*	-	
Christiansund ...	29.99	33	NNW	3	c	30.01	+ .04	34	32	+ 4	S	1	b	4	36	27	-	
Skudesnaes ...	30.04	35	NN	4	b	29.97	- .08	39	37	+ 3	ESE	2	b	1	39	?	-	
Oxö (Tjanssand) ...	29.97	38	NN	4	b	29.95	- .06	35	30	+ 2	NNW	4	b	2	43	30	-	
Skagen (The Seaw) ...	29.98	33	NN	2	b	29.95	- .03	37	33	0	Z	0	b	0	34	28	-	
Fanö ...	30.02	33	N	2	b	29.97	- .01	43	38	+ 3	NNW	4	b	*	43	30	-	
Cuxhaven ...	30.05	?	NNW	3	b	30.03	.00	38	38	+ 1	E	1	b	*	*	36	-	
Sumburgh Head ...																		
Stornoway ...	30.16	41	N	3	b	30.14	- .13	40	38	+ 1	NE	3	b	4	42	38	0.04	
Thurso ...	30.22	38	NNW	3	c	30.10	- .14	35	35	+ 1	Z	0	s	2	42	32	0.56	
Wick ...	30.31	37	N	2	c	30.11	- .12	35	34	- 2	N	2	s	0	43	30	0.14	
Nairn ...	30.25	38	NNW	1	b	30.10	- .18	38	34	+ 3	NNW	2	b	2	40	30	-	
Aberdeen ...	30.19	38	N	4	c	30.10	- .12	37	33	0	NNW	2	o	1	43	32	-	
Leith ...	30.20	42	ENE	2	b	30.15	- .09	40	37	- 1	N	2	b	*	49	33	-	
Shields ...	30.21	40	NE	3	b	30.15	- .05	38	35	- 1	NNW	1	o	3	42	32	-	
York ...	30.20	42	NNE	1	b	30.16	- .04	37	35	- 4	N	2	b	*	45	27	-	
Scarborough ...	30.19	38	NNE	2	b	30.12	- .07	36	35	- 8	Z	0	oh	2	44	34	0.04	
Nottingham ...	30.17	41	NE	4	c	30.15	- .04	39	34	- 1	NNE	4	b	*	48	28	-	
Ardrossan ...	30.20	44	NNW	2	b	30.17	- .06	40	36	+ 3	SE	3	b	1	48	33	-	
Greencastle ...	30.21	44	NE	2	b	30.16	- .03	45	42	+ 4	S	1	b	*	46	32	-	
Donaghadee ...	30.19	45	NE	4	b	30.17	- .03	44	40	+ 1	ENE	3	b	1	49	39	-	
Kingstown ...	30.16	47	ENE	4	c	30.16	- .02	43	38	- 3	E	4	b	4	49	42	-	
Holyhead ...	30.14	45	NE	5	b	30.16	.00	42	40	- 4	E	5	b	2	51	38	-	
Liverpool (Bidston) ...	30.14	44	ENE	3	o	30.16	- .02	39	34	- 1	ENE	1	m	1	48	33	-	
Valencia ...	30.06	52	NNE	3	c	30.04	- .10	48	44	0	ENE	3	cm	3	58	38	-	
Roche's Point ...	30.10	50	SE	3	o	30.07	- .09	46	43	+ 1	ESE	5	o	4	56	40	-	
Pembroke ...	30.07	49	SE	1	o	30.08	- .07	40	36	- 5	E	3	b	2	54	38	-	
Portishead ...	30.10	45	NE	4	b	30.09	- .07	38	35	- 2	NE	6	b	4	49	30	-	
Scilly ...																		
Plymouth ...	30.03	50	E	2	o	30.04	- .11	41	38	- 4	ENE	5	b	*	55	37	-	
Hurst Castle ...	30.06	46	NE	5	m	30.03	- .09	42	41	- 4	E	5	b	5	53	34	-	
Dover ...	30.11	43	NE	4	b	30.05	- .08	43	38	- 5	NE	3	b	2	52	40	-	
London ...	30.12	43	ENE	2	o	30.08	- .06	42	36	0	NE	3	b	*	49	31	-	
Oxford ...	*	*	*	*	*	30.10	- .05	38	35	- 3	ENE	1	b	*	48	28	-	
Cambridge ...	30.14	39	NE	1	b	30.11	- .05	43	38	+ 3	NE	1	b	*	47	25	-	
Yarmouth ...	30.14	42	ENE	3	b	30.10	- .06	43	38	+ 1	NE	2	b	3	46	36	0.01	
The Helder ...	*	*	*	*	*	30.03	- .07	42	37	+ 1	Z	0	b	*	*	*	0.04	
Cape Gris Nez ...	30.08	46	NE	6	c	30.05	- .09	41	34	- 4	NE	4	b	3	54	36	-	
Brest ...	29.95	55	ENE	3	o	29.86	- .21	46	43	+ 1	E	4	b	3	57	41	-	
L'Orient ...	29.93	54	E	3	o	29.79	- .29	46	41	+ 3	E	5	b	4	59	41	-	
Rochefort ...	29.76	59	NE	4	c	29.68	- .18	52	50	+ 4	E	4	b	3	68	39	-	
Biarritz ...	29.71	64	ENE	3	o	29.62	- .19	61	59	+ 7	SSW	1	r	3	77	50	0.04	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.04	- .10	37	*	- 3	NE	6	b	*	*	*	-	
Charleville ...	*	*	*	*	*	29.94	- .17	39	*	- 5	NE	3	b	*	*	*	-	
Paris ...	29.98	52	E	4	b	29.94	- .16	41	*	- 2	NNE	3	b	*	*	*	-	
Lyons ...	*	*	*	*	*	29.84	- .22	36	*	+ 5	NN	2	b	*	*	*	-	
Toulon ...																		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.04	39	35	NN	6	b	3	Valencia	30.11	35	47	NE	3	om	3
Thurso	30.34	39	36	NNE	3	c	4	Scilly							
Scarborough ...	30.20	41	37	NNE	3	b	3	London	30.12	44	41	NE	2	o	*
Greencastle ...	30.22	45	40	NE	2	o	*	Rochefort ...	29.83	68	52	E	3	b	3
Holyhead	30.15	48	46	NE	4	b	3								

The barometer still falls in the S. and SW. but rises slowly in the N. The NE's winds though light in London, is freshening, with very dull weather, and a few spots of cold rain.

EXPLANATION OF COLUMNS.

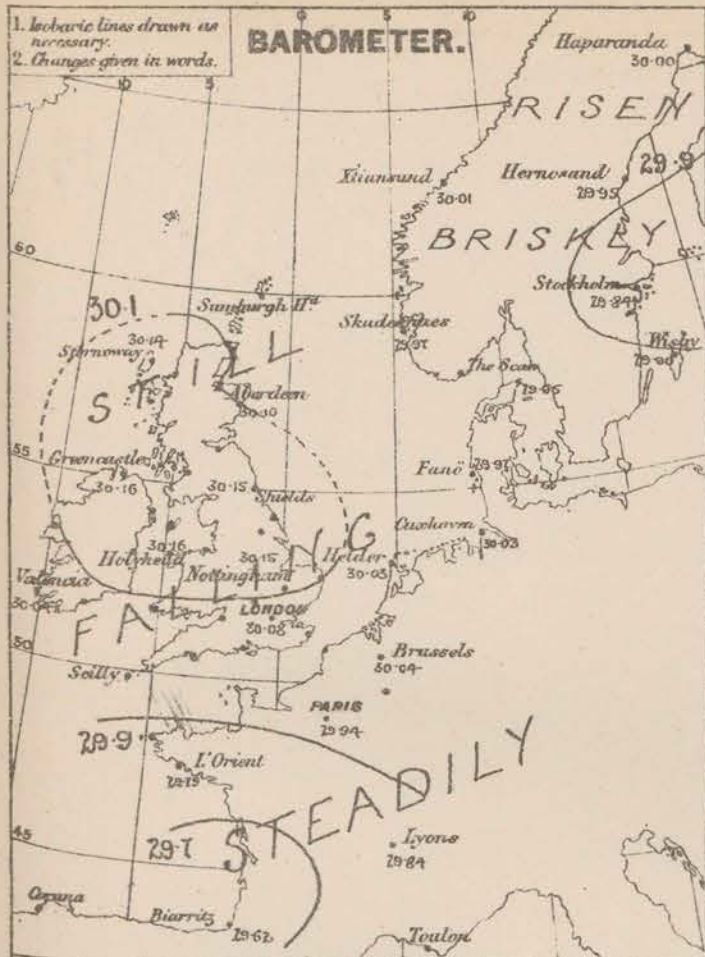
WEATHER.—Beaufort scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

WEATHER CHARTS for 8 a.m. on Friday MAY 4TH 1877.



DAILY WEATHER REPORT

MAY 5TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Therm. in shade.	WIND.		Weather.	BAROMETER.		GRADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	GRADE 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 ...	29.75	33	N	6	0	29.49	- .51	40	36	+	7	NE	4	0	*	*	*	-
Hernösand ...	29.75	32	NE	2	0	29.38	- .57	31	30	-	4	NN	6	5	*	*	*	0.04
Stockholm ...	29.73	32	N	2	0	29.58	- .26	37	34	+	2	WSW	4	6	*	*	*	0.12
Wisby ...	29.83	32	NNH	4	6	29.75	- .15	32	31	-	2	NNH	4	6	*	*	*	-
Christiansund ...	29.92	34	NNH	1	6	29.78	- .23	33	32	-	1	ESE	1	6	4	37	25	-
Skudesnaes ...	29.88	36	NNH	4	6	29.78	- .19	38	35	-	1	NN	2	6	2	41	36	-
Oxö (Klansand) ...	29.88	38	N	4	6	29.76	- .19	31	28	-	4	NNH	2	6	2	43	26	-
Skagen (The Seaw) ...	29.83	34	Z	0	6	29.75	- .20	38	33	+	1	NN	3	6	2	55	30	-
Fanö ...	29.88	33	N	2	6	29.81	- .16	43	37	0	0	NN	2	6	*	45	30	-
Cuxhaven ...	29.96	?	N	3	6	29.85	- .18	39	38	+	1	S	1	0	*	4	34	0.02
Sumburgh Head ...																		
Stornoway ...	30.09	41	NNE	3	6	29.94	- .20	40	38	0	0	NNE	1	6	4	52	27	-
Thurso ...	30.04	38	N	3	6	29.92	- .18	37	36	+	2	NNH	2	0	3	43	30	0.15
Wick ...	30.08	37	N	2	6	29.92	- .19	33	33	-	2	N	2	5	0	42	?	0.02
Nairn ...	30.06	37	NNH	3	0	29.97	- .13	36	33	-	2	WSH	1	6	2	43	29	0.12
Aberdeen ...	30.00	38	NNE	2	0	29.92	- .18	37	33	0	0	NNH	3	6	2	41	31	0.03
Leith ...	30.00	42	ENE	3	0	29.95	- .20	42	38	+	2	NNH	2	6	*	53	34	-
Shields ...	30.02	40	SSW	1	0	29.93	- .22	37	35	-	1	N	2	6	3	44	33	0.01
York ...	30.01	45	SSE	1	6	29.92	- .24	39	36	+	2	N	2	0	*	48	33	-
Scarborough ...	30.04	38	ENE	2	0	29.90	- .22	35	35	-	1	N	2	0	3	43	35	0.11
Nottingham ...	30.02	42	E	3	6	29.92	- .23	40	35	+	1	NNH	3	6	*	49	31	-
Ardrossan ...	30.02	48	N	4	6	29.97	- .20	43	36	+	3	NNE	2	6	1	57	33	-
Greencastle ...	30.07	46	N	3	6	29.95	- .21	43	38	-	2	ESE	2	0	*	57	34	-
Donaghadee ...	30.06	46	N	4	6	29.96	- .21	43	39	-	1	NNE	3	6	2	53	40	-
Kingstown ...	30.07	48	E	3	6	29.97	- .19	42	39	-	1	NN	1	6	2	48	39	-
Holyhead ...	30.05	45	NNE	4	6	29.93	- .23	46	45	+	4	E	2	6	1	46	42	-
Liverpool (Bidston) ...	30.04	46	NN	2	6	29.93	- .23	43	37	+	4	ENE	1	6	1	47	35	-
Valencia ...	29.98	50	ESE	3	6	29.92	- .12	47	42	-	1	E	2	6	3	52	34	-
Roche's Point... ..	30.03	45	ESE	4	6	29.92	- .15	45	42	-	1	E	4	6	4	50	37	-
Pembroke ...	29.97	47	ENE	1	6	29.90	- .18	43	39	+	3	E	1	6	1	50	35	-
Portishead ...	29.97	45	NE	4	6	29.90	- .19	40	37	+	2	NNE	3	6	3	50	29	-
Seilly ...																		
Plymouth ...	29.92	45	ENF	5	6	29.85	- .16	43	40	+	2	ENE	5	6	*	50	36	-
Hurst Castle ...	29.90	46	E	4	6	29.87	- .16	43	41	+	1	NE	4	6	4	46	33	-
Dover ...	29.96	42	NE	4	6	29.86	- .19	47	39	+	4	NE	3	6	2	47	39	-
London ...	29.98	44	E	3	0	29.90	- .18	41	36	-	1	E	2	6	*	49	29	-
Oxford ...	*	*	*	*	*	29.90	- .20	37	33	-	1	Z	0	6	*	48	28	-
Cambridge ...	30.00	44	NE	1	0	29.92	- .19	36	32	-	7	NE	1	0	*	50	25	-
Yarmouth ...	30.02	43	NE	2	6	29.90	- .20	40	37	-	3	NN	2	0	cm	46	33	0.01
The Helder... ..	*	*	*	*	*	29.88	- .15	42	37	0	0	Z	0	0	*	*	*	-
Cape Gris Nez ...																		
Brest ...	29.76	55	E	5	0	29.70	- .16	43	41	-	3	E	5	0	3	55	39	-
L'Orient ...	29.69	34	E	5	0	29.65	- .14	43	37	-	3	ENE	6	0	4	59	37	-
Rocheport ...	29.57	55	SE	3	+	29.56	- .12	48	48	-	4	E	4	f	3	68	41	?
Biarritz ...	29.62	66	SW	4	6	29.53	- .09	54	52	-	7	ENE	3	0	3	70	46	0.12
Corunna ...	*	*	*	*	*													
Brussels ...	*	*	*	*	*	29.85	- .19	35	*	-	2	ENE	3	f	*	*	*	-
Charleville ...	*	*	*	*	*	?	?	43	*	+	4	ENE	3	f	*	*	*	-
Paris ...	29.80	53	NE	4	6	29.75	- .19	39	*	-	2	NNE	3	6	*	*	*	-
Lyons ...	*	*	*	*	*	29.65	- .19	56	*	0	0	NE	2	0	*	*	*	-
Toulon ...	29.80	54	ESE	4	0	29.71	- .14	52	50	0	0	E	4	0	4	57	50	0.04

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.96	41	35	NW	6	6	2	Valencia ...	30.02	49	?	E	4	0	4
Thurso	30.07	41	38	N	3	6	3	Scilly							
Scarborough ...	30.07	41	38	NE	2	6	3	London	30.01	45	39	ENE	3	0	#
Greencastle ...	30.10	49	41	NE	2	6	#	Rocheport ...	29.60	59	57	SE	3	+	3
Holyhead	30.12	44	43	NNE	4	6	3								

Pressure still decreases slowly in all parts of these Islands and the West of France, while the wind continues moderate from between N. and E.

EXPLANATION OF COLUMNS.

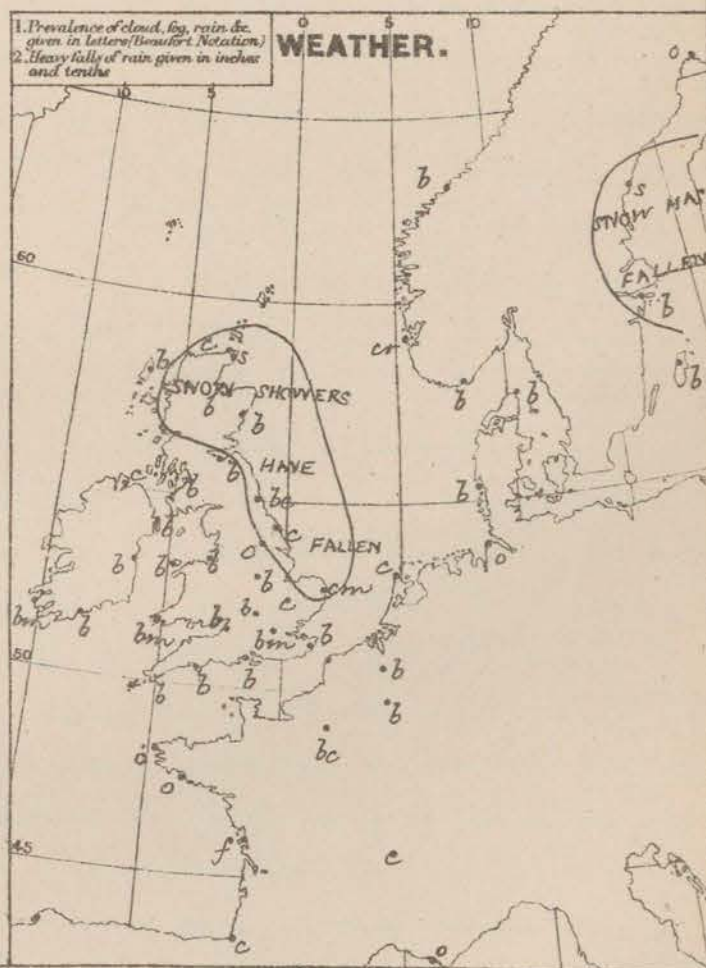
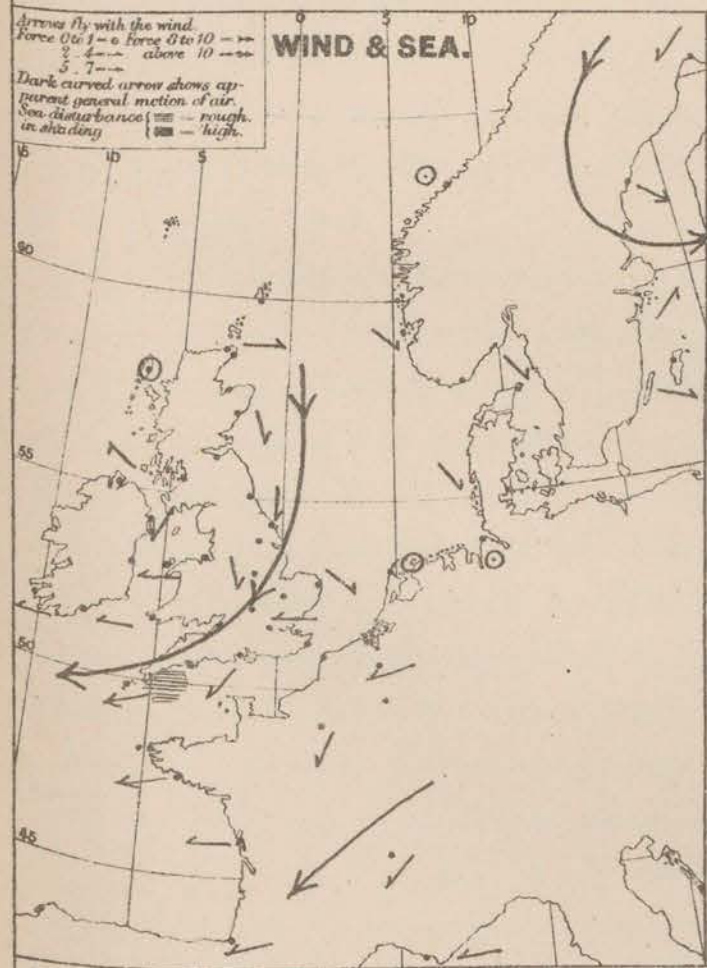
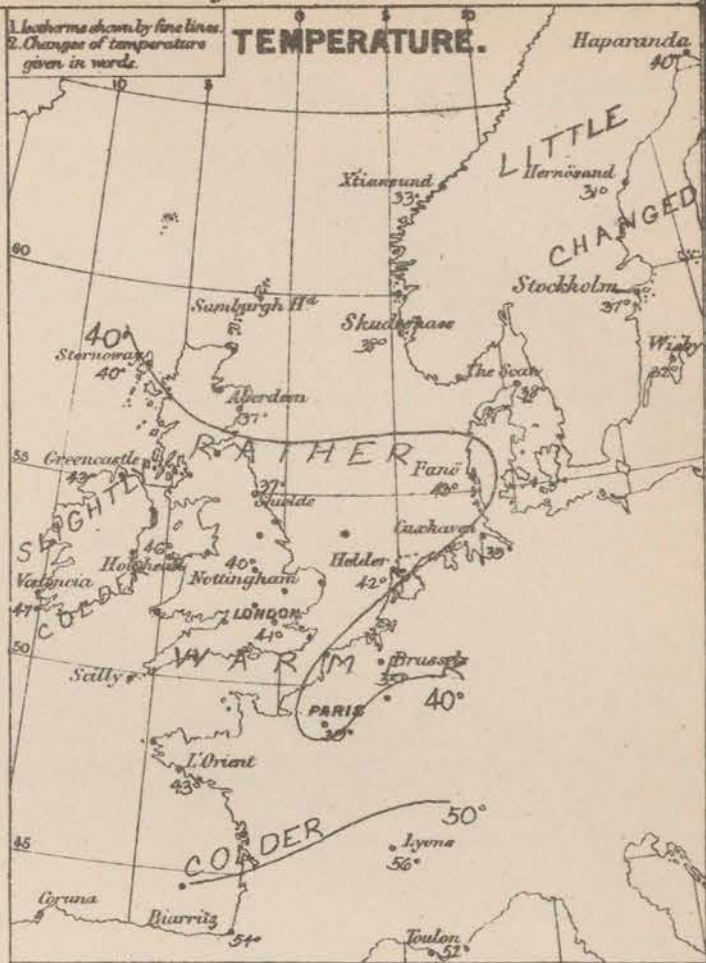
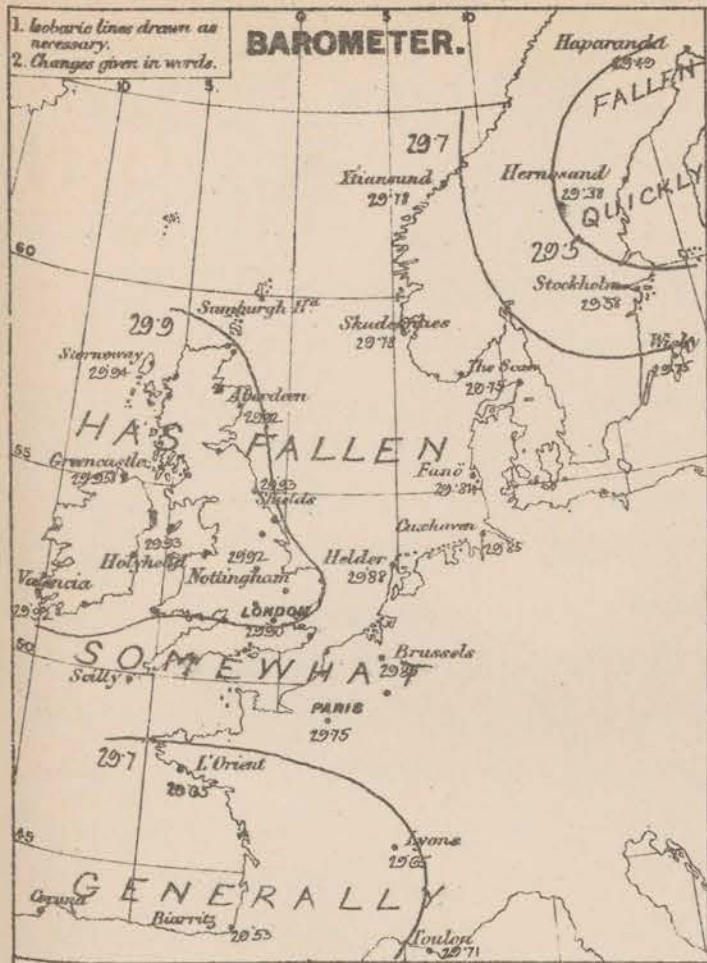
WEATHER.—Beaufort Scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

WEATHER CHARTS *for 8 a.m. on Saturday 5TH MAY 1877.*



REMARKS. Although the barometre has fallen slightly over the whole of Western Europe the relative distribution of pressure in the British Isles and their neighbourhood is very little changed. A new depression appears over the Gulf of Bothnia this morning, and is travelling SE^{ward} towards Russia but in the United Kingdom and France gradients for E^{ly} wind still prevail. Light N^{ortherly} to NW^{esterly} winds are still reported over the North Sea, and E^{ly} breezes on the coasts of the British Isles and France. The latter, though light generally, blow freshly at the mouth of the Channel. Temperature remains very low. At Cambridge it went down to 25° in the shade during the night, and in London 28° was registered in the shade, and 17° on the grass. Showers of snow and hail fell on our north and east coasts yesterday. Even in London the appearance at times was very threatening, but no snow fell. The sky is very clear this morning, and the weather dry. The sea is rough about our south west coasts, slight or smooth in other places.

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

R. H. SCOTT.
Director.

SUMMARY OF WEATHER IN WESTERN EUROPE

from APRIL 29TH to MAY 5TH 1877.

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

During the whole of this week the general distribution of pressure has undergone no material change. On the first few days the barometer was rising generally, while it was falling everywhere towards the close of the period, but during the whole time readings have been highest over, or a little to the N^W of, these Islands, and lowest over France. In consequence N^W to E^W breezes have prevailed on all coasts, which though generally light or moderate, have blown fresh at times. The weather has been very cold for the time of year, and in several parts of the country the thermometer has fallen below the freezing point even in the shade. The sky at first was rather dull and overcast, but on the last two days it became clear or nearly so over the greater part of our area. Heavy snow fell in the N.E. in the early part of the week.

APRIL 29TH The changes in pressure were everywhere unimportant, comprising a slight increase on our own and the French coast, and a slight decrease over Scandinavia. The general distribution consequently remained similar to that at the end of the previous week, the highest readings being reported from the N. of these Islands, and the lowest from the N. of France. The wind was therefore N.E. to E^W over the North Sea and these Islands, and S.W. to W. in the Bay of Biscay and S. of France. In force it was moderate or nearly all coasts. Temperature had fallen slightly at our S^W stations, and in the N. of France, but changed little and irregularly elsewhere. The sky was clear on our N.W. coasts as well as in Norway and Sweden, but in nearly all other places it was cloudy or overcast. At 6 P.M. pressure was still increasing over all parts of these Islands, and the depression over the N. of France was apparently moving E^W.

APRIL 30TH A further rise of the barometer was reported from all parts of the United Kingdom and France, the depression in the N. of that country having moved away E^W over Central Europe. In the meantime a fresh and much deeper disturbance had appeared in the N. of Sweden, causing a rapid fall of the barometer over the whole of that neighbourhood. In consequence of this decrease and the rise in Scotland, steep gradients had been formed over the North Sea, and the wind, which had backed to N. in nearly all parts of our area, blew a moderate or fresh gale in the N. of Norway, and strongly over Denmark. In these Islands the force was still moderate. Temperature had fallen several degrees at all the more N^W stations while elsewhere the change was slight and in most places upwards. The weather continued very fine in Sweden and Norway, but the sky was overcast in all other parts with snow at Christiansund and Thuro. At 6 P.M. the barometer was rising everywhere a slight recovery having set in in the North.

MAY 1ST The barometer had continued to rise in all places except Christiansund where a slight fall had set in during the night. The highest pressures lay over the N^W and N. N^W stations, so that N^W breezes still prevailed in the N. and N.E., but over the Channel and N. of France the wind had veered to E. On all our own and the French coasts the wind was moderate or light in force, but on the E^W shores of the North Sea it blew strongly, with a N.N.W. gale at Christiansund. Temperature had decreased a few degrees generally, and the weather was uniformly cold. Showers of snow and hail had occurred in the E. and the sky was cloudy except in the N.W. and S.E. During the day pressure gave way slightly in the N., so that at 6 P.M. the highest readings lay over the N. of England, and the Irish Sea.

MAY 2nd The mercury was rising slightly in the N. of Scandinavia, but in nearly all other places it was falling. A large area of comparatively high readings lay over England and the N. of France, so that white light variable airs prevailed within that region, fresh NW winds were experienced over Scotland and the North Sea, light breezes from N. west reported in the Netherlands, from E. over the Channel, and from SE. or S. in Ireland. The changes in temperature were irregular, but in several places it had risen a few degrees. Snow was falling both at Christiansund and in the N. of Scotland, and the weather was dull or cloudy except over France, and in the Skager Rack. In the evening the barometer was recovering again in the N. but was still falling elsewhere.

MAY 3rd The recovery in pressure noticed in the N. on the previous evening had almost ceased, and the barometer was falling again everywhere, the change being extremely slight in the N., while in the SW. of France it amounted to more than 0.3 inch. Light or moderate NW breezes prevailed in all parts of these Islands, and on the Eastern shores of the North Sea, but over France the winds continued E. S. Temperature was very little changed. In the NE. the weather was very cold for the time of year, and in London the thermometer in the shade had fallen to 31°, and that on the grass to 23° during the night. Heavy snow had fallen in Scotland and showers were still reported from Caithness. The sky was generally clear except in Ireland. During the day pressure continued to diminish very slightly, but the excess was still in the West of France.

MAY 4th Pressure still went down slowly over the whole of these Islands and the neighbouring countries, but had risen slightly in the N. of Scandinavia. E. S. breezes had extended NW from France to our SW. Coast, but at our E. and NW stations light NW breezes continued. A large area of high pressure still lay over these Islands. Temperature had fallen a few degrees over Great Britain and France, but had risen slightly elsewhere. The air in London had again been very cold during the night. The weather was very fine and dry. The evening reports showed that a slight depression had advanced to the Mouth of the Loire, and the barometer still fell everywhere, while the E. S. wind was blowing freshly in the N. of France.

MAY 5th A break all of the barometer had occurred over Scandinavia, and a rather deep depression had advanced to the Gulf of Bothnia during the night, but in all other parts of our area (though the mercury was still falling everywhere) no change had occurred in the relative distribution of pressure, the highest readings being still reported from these Islands, and the lowest from the SW. of France. In consequence light NW breezes still prevailed on our NE. Coast, and moderate or fresh E. S. winds in the S. and over France. Temperature remained low, and in the SE. of England a good deal of frost was registered even in the shade. The sky was cloudy in the N. of France, and snow still fell in Caithness, but elsewhere the weather was very fine. In the evening the barometer began to fall somewhat at Valencia, and the wind ^{here} shifted to S.

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

DAILY WEATHER REPORT MAY 6TH 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.	Sun. (0 to 9.)	SHADE TEMP.		Amount of 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 ...	29.62	34	SE	4	0	29.64	+ .17	34	32	- 6	SE	4	c	*	*	*	0.12	
Hernösand ...	29.31	33	NNH	2	8	29.37	- .01	35	32	+ 4	NNH	2	c	*	*	*	0.28	
Stockholm ...	29.58	34	SW	4	6	29.59	+ .01	40	37	+ 3	SW	4	b	*	*	*	-	
Wibby ...	29.74	34	WSW	4	6	29.71	- .04	35	33	+ 3	W	4	b	*	*	*	-	
Christiansund ...	29.69	35	W	4	c	29.62	- .06	35	33	+ 2	WSW	8	c	4	36	30	-	
Skudesnaes ...	29.75	37	NNH	2	c	29.78	.00	39	36	+ 1	NNH	2	c	2	41	?	-	
Oxö (Xiansand) ...	29.72	38	NNH	4	6	29.75	- .04	35	31	+ 4	W	4	b	2	41	30	-	
Skagen (The Scaw) ...	29.68	37	NNH	4	6	29.73	- .02	39	33	+ 11	NNH	4	b	2	48	32	-	
Fanö ...	29.83	35	NN	4	6	29.72	+ .01	45	39	+ 22	NNH	4	6	*	45	32	-	
Cuxhaven ...	29.84	?	NNH	4	6	29.88	+ .03	40	38	+ 1	S	1	b	*	?	34	-	
Sumburgh Head																		
Stornoway ...	29.86	39	NNE	1	6	29.84	+ .40	41	40	+ 1	S	7	f	6	43	37	0.32	
Thurso ...	29.84	39	NH	2	c	29.70	- .12	40	39	+ 3	SE	2	p	2	45	31	0.03	
Wick ...	29.85	45	NH	2	c	29.77	- .15	41	39	+ 8	S	1	c	0	47	30	0.03	
Nairn ...	29.86	38	WSW	1	c	29.69	- .28	42	37	+ 6	Z	0	c	1	46	32	-	
Aberdeen ...	29.86	41	S	2	6	29.75	- .17	45	40	+ 8	SSW	3	b	1	46	32	-	
Leith ...	29.84	44	E	2	6	29.78	- .17	44	40	+ 2	SW	3	c	*	51	36	-	
Shields ...	29.93	41	E	3	6	29.86	- .07	42	37	+ 5	SSW	4	b	2	44	32	-	
York ...	29.91	44	NE	1	6	29.90	- .02	41	36	+ 2	S	1	b	*	48	27	-	
Scarborough ...	29.83	43	SSE	4	c	29.83	- .07	48	44	+ 13	W	1	c	1	48	33	-	
Nottingham ...	29.91	43	NE	2	6	29.90	- .02	43	39	+ 3	ESE	2	b	*	49	27	-	
Ardrossan ...	29.88	48	NH	1	6	29.77	- .20	46	42	+ 3	SW	5	o	4	51	38	-	
Greencastle ...	29.86	45	SSW	1	o	29.67	- .28	44	40	+ 1	S	3	o	*	51	40	0.06	
Donaghadee ...	29.90	45	SE	2	c	29.77	- .19	47	44	+ 4	SW	4	o	2	48	39	-	
Kingstown ...	29.92	49	SE	3	6	29.80	- .17	46	42	+ 4	S	4	b	3	49	40	-	
Holyhead ...	29.91	45	N	3	6	29.83	- .10	44	43	- 2	SSW	3	b	2	48	39	-	
Liverpool (Bidston) ...	29.89	46	NH	1	6	29.86	- .07	41	37	- 2	ESE	2	6	1	49	33	-	
Valencia ...	29.85	50	S	3	6	29.77	- .15	47	44	0	ESE	1	6	2	55	36	-	
Roche's Point... ..	29.89	46	ESE	4	6	29.80	- .12	48	44	+ 3	E	1	b	3	51	44	-	
Pembroke ...	29.83	49	NNE	2	6	29.82	- .05	44	41	+ 1	SE	3	6	2	50	39	-	
Portishead ...	29.83	50	NNE	3	6	29.85	- .05	42	39	+ 2	NNE	4	b	3	52	29	-	
Seilly ...																		
Plymouth ...	29.79	49	E	3	6	29.79	- .06	44	41	+ 1	E	3	c	*	54	37	-	
Hurst Castle ...	29.81	48	ESE	4	6	29.82	- .05	45	44	+ 2	E	5	c	4	50	33	-	
Dover ...	29.84	44	NE	3	6	29.85	- .01	45	40	- 2	E	4	b	3	48	41	-	
London ...	29.86	46	E	2	c	29.86	- .01	46	40	+ 5	E	3	c	*	51	32	-	
Oxford ...	*	*	*	*	*	29.87	- .03	42	38	+ 5	E	1	b	*	50	30	-	
Cambridge ...	29.87	45	NNE	1	c	29.89	- .05	44	39	+ 8	ENE	1	b	*	50	26	-	
Yarmouth ...	29.89	43	ENE	2	6	29.89	- .01	44	39	+ 4	E	3	b	3	45	38	-	
The Helder... ..	*	*	*	*	*	29.90	+ .02	41	37	- 1	NNE	?	6	*	*	*	-	
Cape Gris Nez ...	29.83	43	NE	4	6	29.82		41	36		ENE	5	b	4	46	36	-	
Brest ...	29.67	54	E	5	o	29.71	+ .01	45	41	+ 2	E	4	6	1	55	39	-	
L'Orient ...	29.63	50	ENE	5	c	29.64	- .01	45	39	+ 2	ENE	5	o	4	55	39	-	
Rochefort ...	29.49	57	E	4	c	29.38	- .18	46	45	- 2	E	6	o	3	63	37	-	
Biarritz ...	29.37	64	S	3	f	29.48	- .05	57	54	+ 3	WSW	6	o	5	66	30	0.47	
Corunna ...	*	*	*	*	*	29.58		57	*		SW	3	c	2	*	*	*	
Brussels ...	*	*	*	*	*	29.82	- .03	49	*	+ 14	NE	1	b	*	*	*	-	
Charleville ...	*	*	*	*	*	29.67	?	44	*	+ 1	ENE	3	b	*	*	*	-	
Paris ...	29.67	53	NE	4	6	29.69	- .06	43	*	+ 4	NNE	4	b	*	*	*	-	
Lyons ...	*	*	*	*	*	29.45	- .20	57	*	+ 1	ENE	2	f	*	*	*	-	
Toulon ...	29.39	52	E	5	f	29.50	- .21	54	54	+ 2	E	4	m	5	55	50	0.12	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.75	40	34	NNH	4	6	2	Valencia	29.87	52	46	ESE	2	C	2
Thurso	29.87	40	38	NH	3	2	3	Scilly							
Scarborough ...	29.92	42	38	NNE	2	6	3	London	29.85	47	40	E	2	C	*
Greencastle ...	29.90	48	41	SE	2	6	*	Rochefort ...	29.57	59	54	E	4	C	3
Holyhead	29.95	46	45	N	3	6	2								

The barometer has continued to fall except in the NE. of England, and the wind in Ireland has veered to SE. with a slight increase of clouds.

EXPLANATION OF COLUMNS.

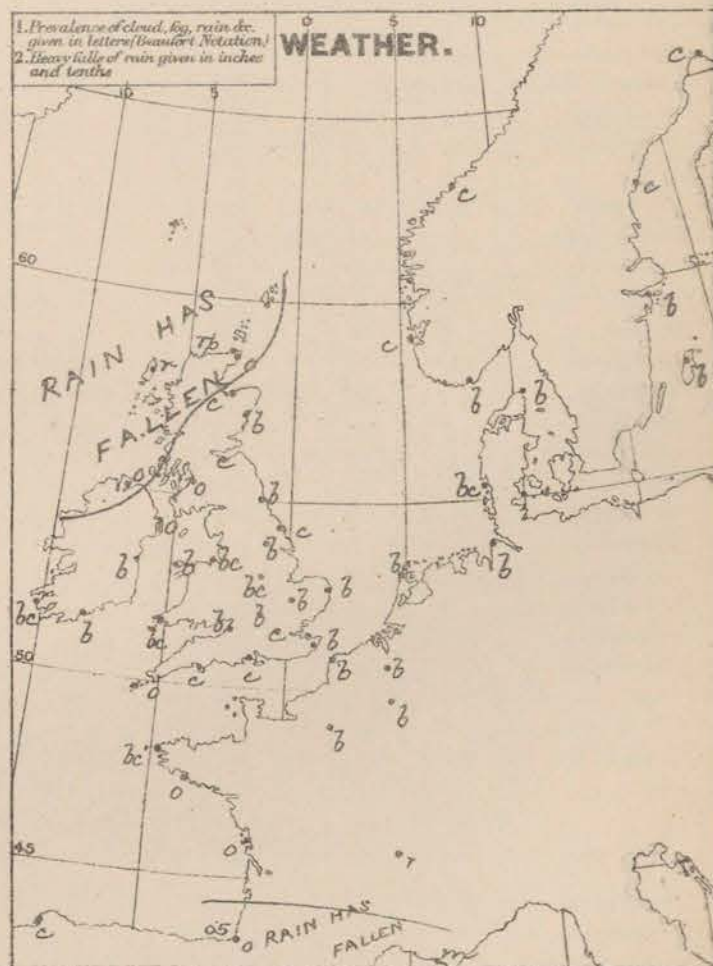
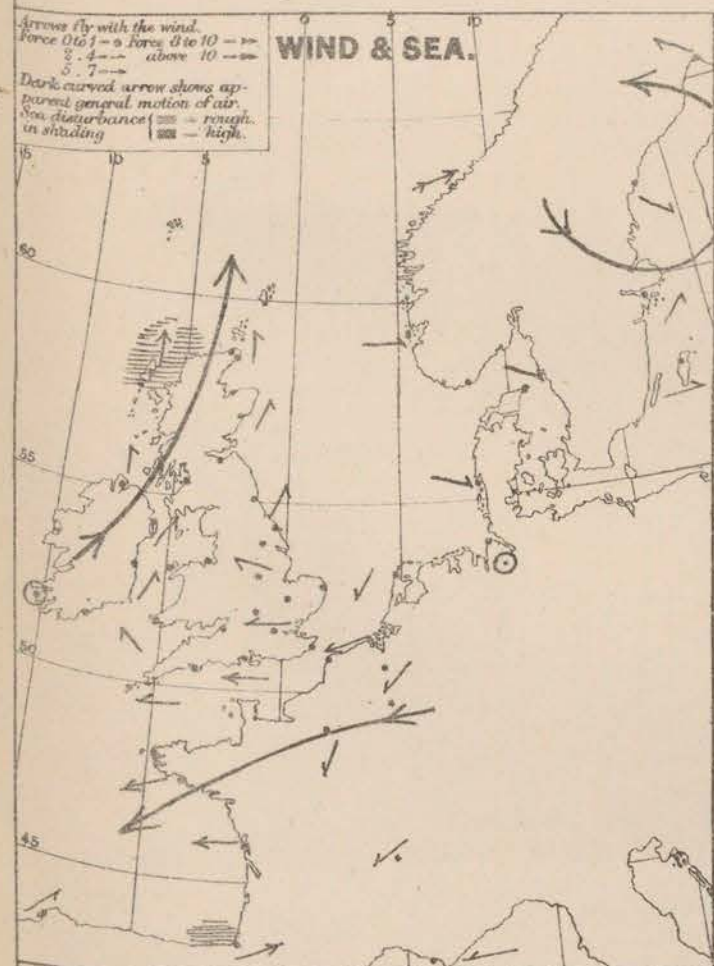
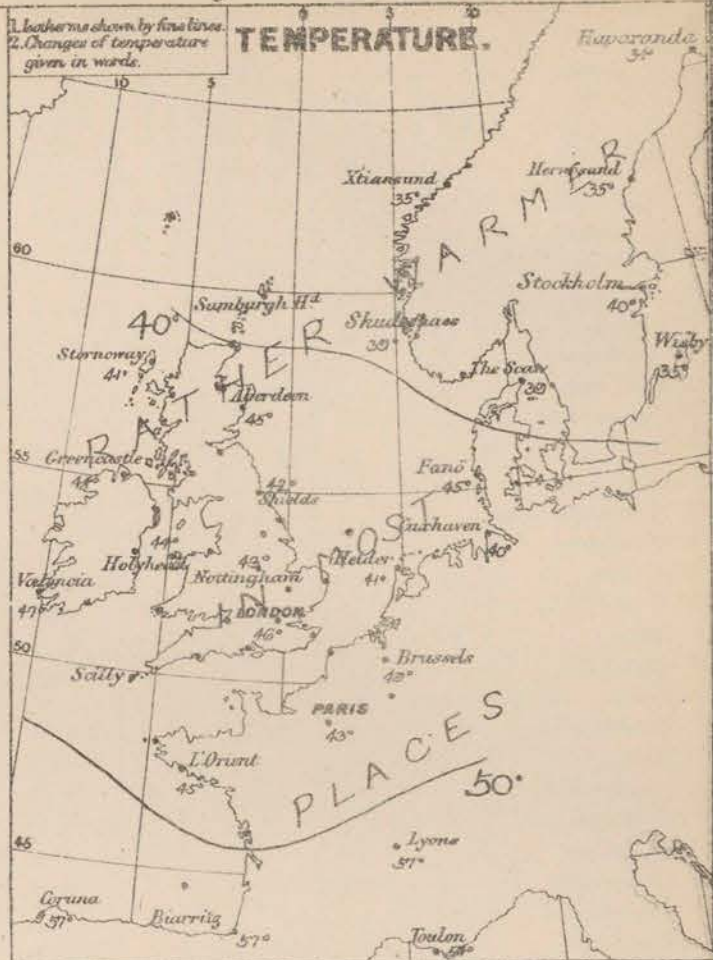
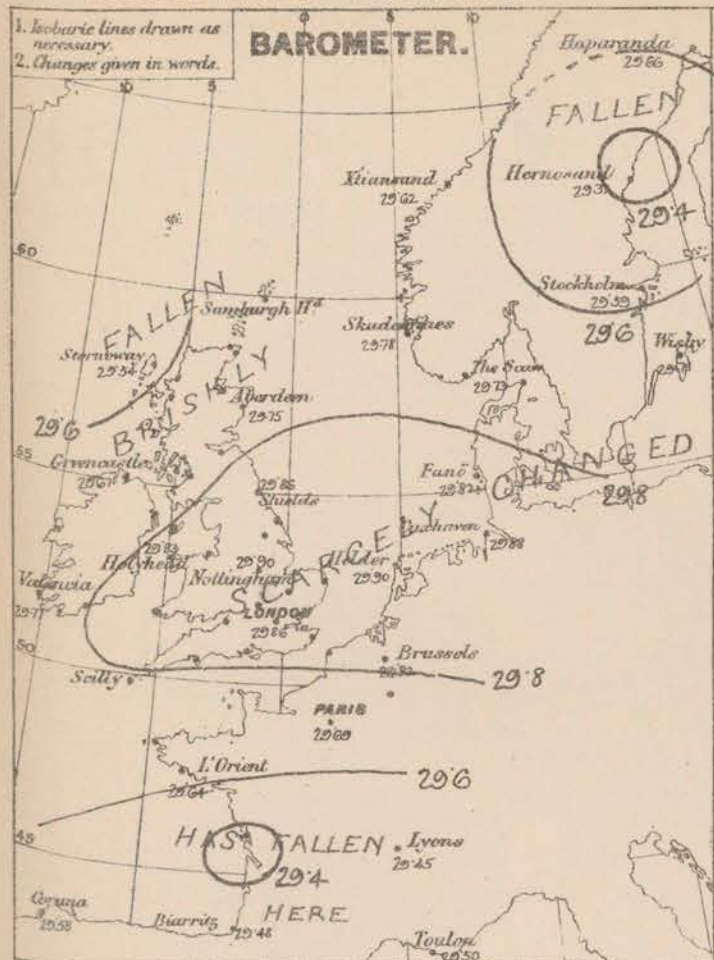
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 6TH MAY 1877.



REMARKS. The distribution of pressure this morning is very complicated, there being no less than three areas of low pressure shown over our area. One of these is the same as that which we yesterday reported as appearing over the Gulf of Bothnia, and the depression has not moved much since that time, the lowest reading in the north still being that at Hernösand. The other two depressions have, however, but recently made their appearance in our neighbourhood, and, whilst one has advanced from the Atlantic to the north-west coast of Scotland, the other has appeared over the west of France in the vicinity of Rochefort. The winds are all under the influence of these disturbances, the breezes in Norway and Denmark being NW^d, those on our western and northern coasts from S. or SW., and those over the Channel and north of France from the Eth, while in the extreme south-west of France a W. breeze is felt. Gradients are generally slight and the winds, though strong in the Hebrides, are for the most part moderate or light in force. Temperature has risen a few degrees in most places but the nights are still very cold over Central England. The weather is overcast in the immediate vicinity of each disturbance but is very clear and fine elsewhere, especially at the English stations. The sea is rough off the Hebrides, slight or smooth elsewhere.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT MAY 7TH 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 ...	29.62	34	SE	4	o	29.54	-.12	34	33	o	E	2	o	*	*	*	0.08	
Hernösand ...	29.46	35	NW	4	o	29.45	+.08	39	35	+ 4	N	4	c	*	*	*	-	
Stockholm ...	29.59	39	SW	2	o	29.65	+.06	42	38	+ 2	WSW	4	b	*	*	*	-	
Wisby ...	29.75	35	SW	4	b	29.78	+.07	35	33	o	WSW	6	b	*	*	*	-	
Christiansund ...	29.58	35	WSW	9	b	29.57	-.05	36	34	+ 1	WSW	9	b	6	37	32	-	
Skudesnaes ...	29.81	39	N	2	c	29.79	+.01	46	41	+ 5	S	2	b	2	?	39	-	
Oxö (Ålansand) ...	29.78	39	NW	4	b	29.78	+.03	40	38	+ 2	N	4	b	6	43	34	-	
Skagen (The Sæw) ...	29.76	40	NW	5	b	29.81	+.08	42	38	+ 3	NW	5	b	5	48	34	-	
Fanö ...	29.89	37	N	1	b	29.90	+.08	45	41	o	SW	3	b	*	46	32	-	
Cuxhaven ...	29.93	?	N	3	b	29.92	+.04	44	40	+ 4	SSE	3	b	*	*	37	-	
Sumburgh Head			WSW															
Stornoway	29.34	46	WSW	5	f	29.69	+.15	42	37	+ 1	NW	5	b	5	48	36	0.03	
Thurso ...	29.54	44	SSE	3	o	29.59	-.11	43	42	+ 3	N	6	og	5	46	35	0.07	
Wick ...	29.58	45	SSW	3	c	29.61	-.26	44	41	+ 3	WSW	5	c	2	47	36	0.06	
Nairn ...	29.58	47	WSW	3	b	29.71	+.02	44	39	+ 2	WSW	2	b	2	48	35	-	
Aberdeen ...	29.66	45	S	5	c	29.70	-.05	45	39	o	N	3	b	1	49	34	-	
Leith ...	29.69	44	SW	5	o	29.78	-.00	46	42	+ 2	WSW	3	b	*	53	38	-	
Shields ...	29.93	41	SE	3	b	29.82	-.04	45	41	+ 3	NW	1	b	2	49	39	-	
York ...	29.87	57	SE	2	b	29.83	-.07	42	39	+ 1	SSE	1	b	*	53	35	-	
Scarborough ...	29.87	38	NE	2	b	29.89	+.06	45	41	- 3	SW	2	b	2	45	33	-	
Nottingham ...	29.82	52	SSE	3	b	29.85	-.05	50	45	+ 7	S	3	b	*	57	33	-	
Ardrossan ...	29.71	46	SW	4	c	29.81	+.04	44	40	- 2	NW	2	c	2	49	35	0.06	
Greencastle ...	29.71	48	NW	2	b	29.80	+.13	43	41	- 1	SW	2	b	*	50	32	0.02	
Donaghadee ...	29.74	46	WSW	4	c	29.84	+.07	45	41	- 2	NW	2	b	1	57	35	0.03	
Kingstown ...	29.76	45	SSW	3	o	29.86	+.06	45	41	- 1	E	3	b	3	52	43	0.01	
Holyhead ...	29.84	51	SSW	4	b	29.83	-.00	44	42	o	NNE	2	b	2	53	41	0.03	
Liverpool (Bidston) ...	29.78	49	N	2	b	29.83	-.03	48	44	+ 7	N	1	b	1	55	42	-	
Valencia ...	29.85	57	NW	2	c	29.85	+.08	49	44	+ 2	Z	o	b	1	53	34	-	
Roche's Point ...	29.80	57	SSW	3	c	29.83	+.03	46	43	- 2	N	2	b	2	56	43	-	
Pembroke ...	29.79	50	NW	1	b	29.81	-.01	45	42	+ 1	Z	o	b	0	55	46	-	
Portishead ...	29.77	52	NNE	3	b	29.81	-.04	45	42	+ 3	N	3	b	2	58	32	-	
Scilly ...																		
Plymouth ...	29.76	50	E	3	b	29.78	-	50	45		N	2	b	*	52	37	-	
Hurst Castle ...	29.76	57	ESE	4	b	29.77	-.08	46	46	+ 1	NE	3	b	2	51	34	-	
Dover ...	29.78	46	E	5	b	29.75	-.10	47	46	+ 2	NE	3	b	3	52	44	-	
London ...	29.87	48	E	3	b	29.80	-.06	49	47	+ 3	E	2	b	*	53	34	-	
Oxford ...	*	*	*	*	*	29.82	-.05	43	41	+ 1	E	1	b	*	54	31	-	
Cambridge ...	29.82	53	ESE	1	b	29.82	-.07	47	44	+ 3	ENE	1	b	*	57	30	-	
Yarmouth ...	29.87	45	E	3	b	29.84	-.08	47	44	+ 3	E	3	b	3	47	41	-	
The Helder ...	*	*	*	*	*	29.84	-.06	44	40	+ 3	Z	o	b	*	*	*	-	
Cape Gris Nez	29.76	46	ENE	6	b	29.76	-.06	48	43	+ 7	ENE	3	b	2	48	39	-	
Brest ...	29.71	57	ENE	4	o	29.76	+.05	48	45	+ 3	NE	3	o	2	59	43	-	
L'Orient ...	29.73	55	NE	4	o	29.69	+.05	50	46	+ 5	NE	4	b	3	63	43	-	
Rochefort ...	29.47	55	E	3	o	29.53	+.15	55	52	+ 9	NE	3	c	3	63	39	0.79	
Biarritz ...	29.58	61	NW	4	o	29.69	+.21	54	50	- 3	NW	5	o	4	?	50	0.04	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.75	-.07	40	*	- 9	SE	1	b	*	*	*	-	
Charleville ...	*	*	*	*	*	29.63	-.04	52	*	+ 8	E	3	b	*	*	*	-	
Paris ...	29.62	59	NE	1	c	29.65	-.04	49	*	+ 6	NE	3	b	*	*	*	-	
Lyons ...	*	*	*	*	*	29.68	+.23	58	*	+ 1	S	2	o	*	*	*	-	
Toulon ...	29.66	57	NE	1	c	29.66	+.16	55	55	+ 1	E	3	m	5	66	52	0.04	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.80	42	36	N	4	b	Valencia						
Thurso							Scilly						
Scarborough ...							London						*
Greencastle ...							Rochefort ...	29.45	54	52	E	4	3
Holyhead													

EXPLANATION OF COLUMNS.

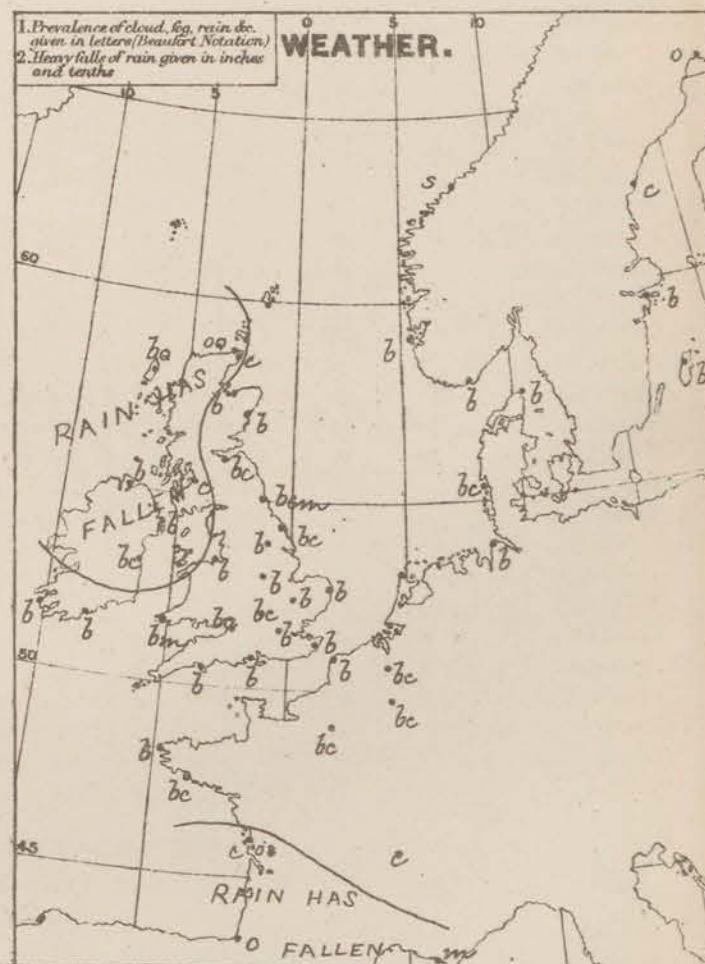
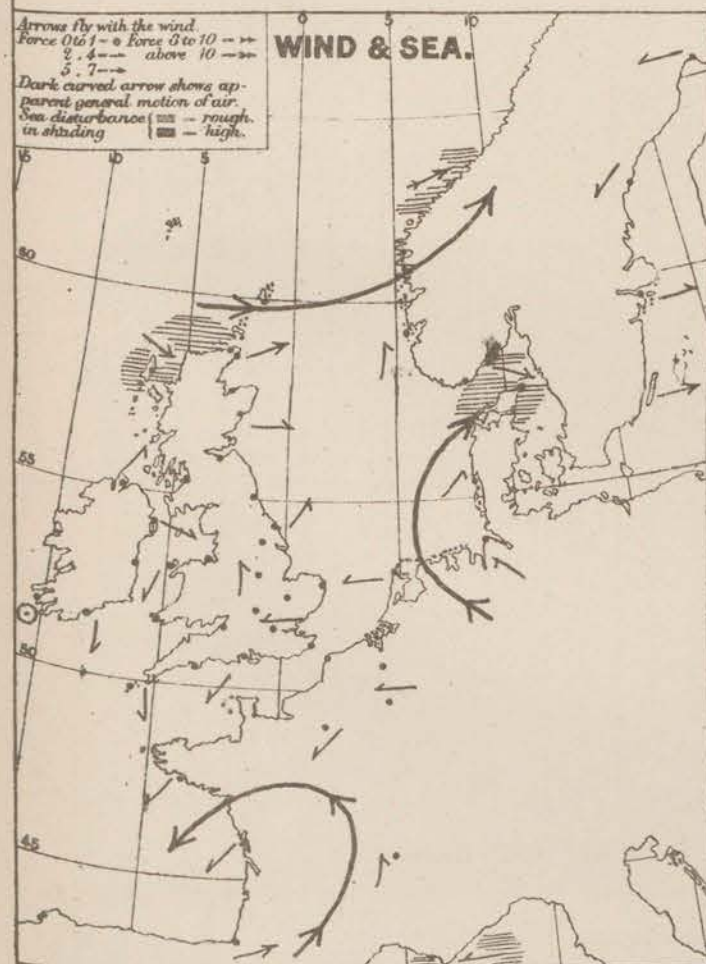
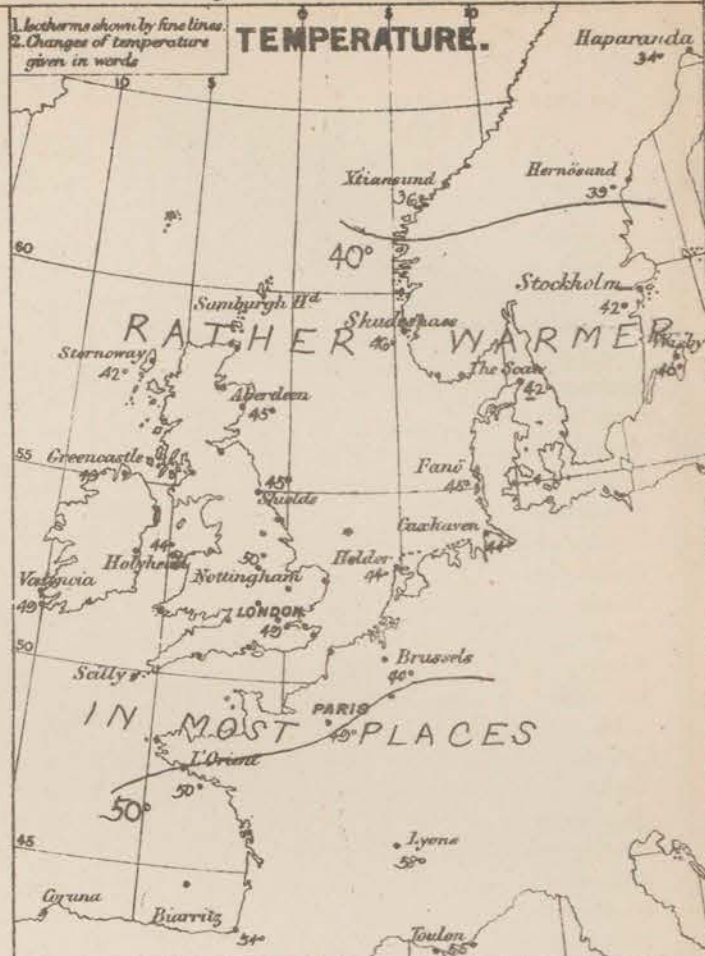
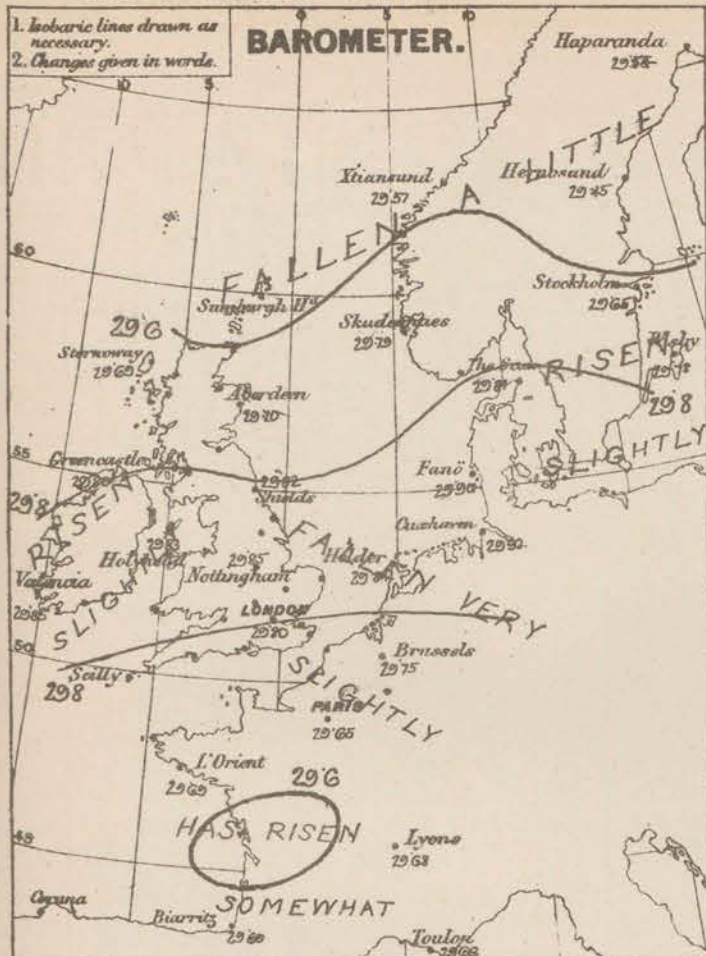
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 MAY 7th 1877.



REMARKS. Pressure this morning is rather irregularly distributed. An area of high readings lies over North Germany, whence a band of comparatively high pressure extends across England, while two depressions are shown:—one to the NW of these Islands, the other over the west of France. The barometer is, however, rising at all but the Swedish stations, and gradients are nowhere very steep. The wind is W. on all the more northern coasts, and, though moderate generally, how fresh in the extreme north of Scotland and with the force of a gale at Christiansund. In the south E. breezes continue steadily, while within the band of high pressure noticed above light variable air prevails. Temperature is rising slightly generally but during last night it was again low over Central England. Snow is falling at Christiansund but in all other places very fine weather is reported. The sea is rough in the north, slight or smooth elsewhere.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT MAY 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.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 15).			Max.	Min.		
Haparanda ...	29.53	32	Z.	0	bc	29.62	+ .08	34	33	0	NW	2	c	*	*	*	-	
Hernösand ...	29.59	37	W	2	c	29.75	+ .30	36	32	- 3	NE	2	b	*	*	*	0.04	
Stockholm ...	29.70	41	WSW	4	b	29.82	+ .17	41	39	- 1	W	4	b	*	*	*	-	
Wisby ...	29.79	39	SW	4	b	29.92	+ .14	40	36	+ 5	WSW	4	b	*	*	*	-	
Christiansund ...	29.69	35	W	4	s	29.75	+ .18	36	35	0	ESE	4	c	4	37	32	-	
Skudesnaes ...	29.78	42	S	4	bc	29.82	+ .03	46	45	0	SSW	4	bc	3	46	41	-	
Oxö (Xtiansand) ...	29.84	41	SSW	4	r	29.86	+ .08	38	37	- 2	N	2	bc	1	43	36	-	
Skagen (The Seaw) ...	29.86	39	WNW	2	c	29.90	+ .09	42	39	0	W	2	o	0	48	34	-	
Fanö ...	29.87	43	Z.	0	b	29.84	- .06	46	43	+ 1	SE	3	bc	*	48	37	-	
Cuxhaven ...	29.84	?	ENE	3	b	29.85	- .07	46	44	+ 2	SE	2	b	*	*	39	-	
Sumburgh Head																		
Stornoway	29.78	45	WNW	3	b	29.81	+ .12	44	44	+ 2	ENE	1	b	3	47	29	-	
Thurso ...	29.73	43	W	5	b	29.80	+ .21	46	42	+ 3	WNW	3	b	3	48	34	-	
Wick ...	29.75	47	NW	4	bc	29.80	+ .19	46	41	+ 2	W	1	b	0	49	32	-	
Nairn ...	29.58	47	WSW	4	b	29.83	+ .12	40	36	- 4	WNW	1	b	1	52	30	-	
Aberdeen ...	29.75	47	S	2	c	29.82	+ .12	44	39	- 1	NE	2	b	*	53	37	-	
Leith ...	29.78	49	W	2	b	29.81	+ .03	49	44	+ 3	NW	1	b	*	54	33	-	
Shields ...	29.81	47	S	4	c	29.82	00	45	43	0	E	1	cm	2	57	41	-	
York ...	29.82	47	NE	1	o	29.82	- .01	46	43	+ 4	ESE	1	b	*	56	37	-	
Scarborough ...	29.84	45	NE	1	o	29.83	- .06	48	47	+ 3	SE	1	b	1	57	41	-	
Nottingham ...	29.86	57	SSW	2	o	? 29.76	- .09	57	45	+ 1	ENE	2	b	*	65	35	-	
Ardrossan ...	29.83	49	SW	3	b	29.81	00	43	39	- 1	NE	2	bm	1	49	34	-	
Greencastle ...	29.82	48	NE	2	b	29.74	- .06	57	45	+ 8	E	2	b	*	52	36	-	
Donaghadee ...	29.84	46	E	3	b	29.77	- .07	46	43	+ 1	ENE	3	b	2	57	36	-	
Kingstown ...	29.87	57	SSE	3	b	29.74	- .12	47	43	+ 2	E	4	b	4	57	43	-	
Holyhead ...	29.85	48	NNE	2	b	29.74	- .09	47	46	+ 3	E	4	b	3	50	41	0.03	
Liverpool (Bidston) ...	29.83	45	NW	2	c	29.77	- .06	46	41	- 2	E	2	m	1	57	40	-	
Valencia ...	29.77	51	S	4	c	29.83	- .32	50	46	+ 1	ESE	5	cm	4	56	43	-	
Roche's Point...	29.83	57	SSW	3	bc	29.60	- .20	50	47	+ 4	SE	4	o	4	58	43	-	
Pembroke ...	29.81	52	WNW	2	b	29.69	- .02	48	44	+ 3	ESE	4	bm	2	54	40	-	
Portishead ...	29.78	55	WNW	3	b	29.75	- .06	46	42	+ 1	NNE	4	bm	2	62	37	-	
Scilly ...																		
Plymouth ...	29.80	52	S	2	b	29.71	- .07	52	48	+ 2	ESE	2	b	*	60	37	-	
Hurst Castle ...	29.77	56	SW	3	b	29.75	- .02	48	48	+ 2	NE	2	bc	1	58	40	-	
Dover ...	29.76	55	NNE	3	b	29.72	- .03	53	50	+ 6	NNE	3	b	2	55	39	-	
London ...	29.78	58	E	2	b	? 29.78	- .02	57	45	+ 2	E	2	bm	*	65	32	-	
Oxford ...	*	*	*	*	*	29.77	- .05	49	43	+ 6	Z	0	bc	*	61	34	-	
Cambridge ...	29.78	60	N	1	b	29.78	- .04	50	45	+ 3	NE	1	b	*	65	31	-	
Yarmouth ...	29.82	48	NE	2	b	29.79	- .05	48	46	+ 1	NE	2	b	3	57	43	-	
The Helder...	*	*	*	*	*	29.77	- .07	48	45	+ 4	Z	0	b	*	*	*	-	
Cape Gris Nez	29.76	50	NE	4	bc	29.73	- .03	50	48	+ 2	NNE	3	m	2	55	44	-	
Brest ...	29.84	61	N	3	b	29.75	- .01	58	46	+ 2	S	1	o	2	?	43	-	
L'Orient ...	29.77	57	NE	3	b	29.78	+ .09	58	46	0	NW	1	c	3	66	41	-	
Rochefort ...	29.68	55	NW	5	o	29.70	+ .20	54	50	- 1	NW	5	bc	3	64	41	-	
Biarritz ...	29.82	59	WNW	5	r	29.88	+ .19	54	50	0	SW	4	bc	3	?	58	0.24	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.71	- .04	50	*	+ 10	E	1	o	*	*	*	-	
Charleville ...	*	*	*	*	*	29.64	+ .01	52	*	0	ENE	3	o	*	*	*	*	
Paris ...	29.67	58	E	3	r	29.70	+ .05	52	*	+ 3	NE	3	o	*	*	*	-	
Lyons ...	*	*	*	*	*	29.73	+ .05	58	*	0	SE	2	r	*	*	*	*	
Toulon ...	29.69	59	W	3	c	29.75	+ .09	52	48	- 3	W	5	o	5	64	?	-	

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

	Bar.	Deg.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.77	45	44	S	6	ff	4	Valencia ...	29.83	55	45	S	1	b	2
Thurso	29.70	47	45	WNW	6	bcg	5	Scilly							
Scarborough ...	29.84	47	44	E	2	bc	2	London	29.78	58	48	E	2	b	*
Greencastle ...	29.83	46	41	ESE	2	o	*	Rochefort ...	29.60	55	54	N	4	o	3
Holyhead	29.86	47	45	NNE	2	c	2								

The barometer has fallen somewhat both at our Eastern stations, and at Valencia, but has risen elsewhere. Temperature has risen several degrees over England.

EXPLANATION OF COLUMNS.

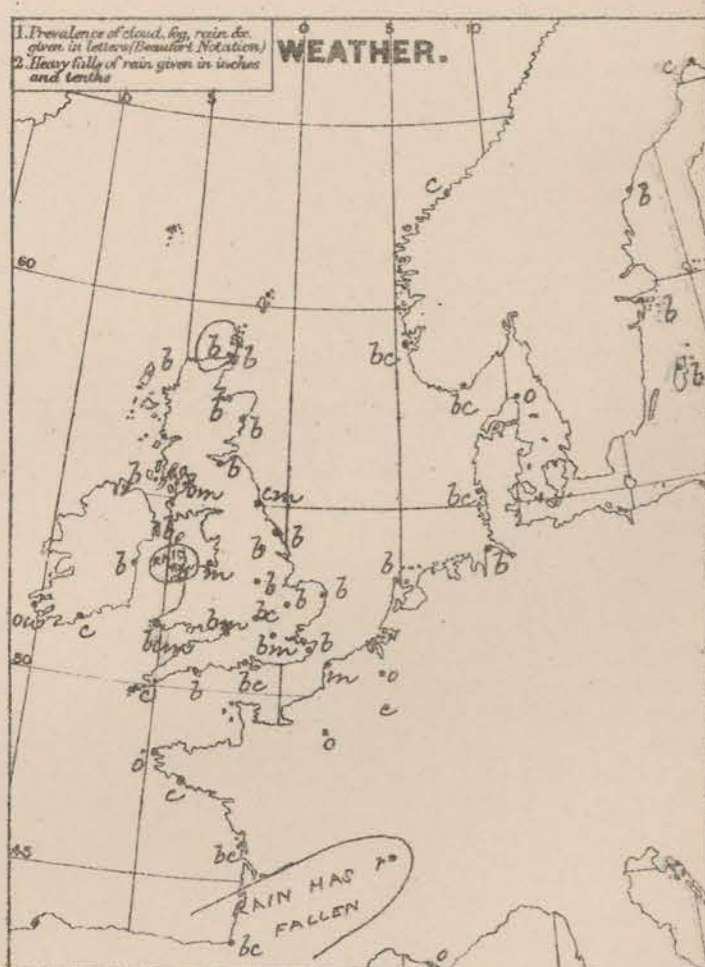
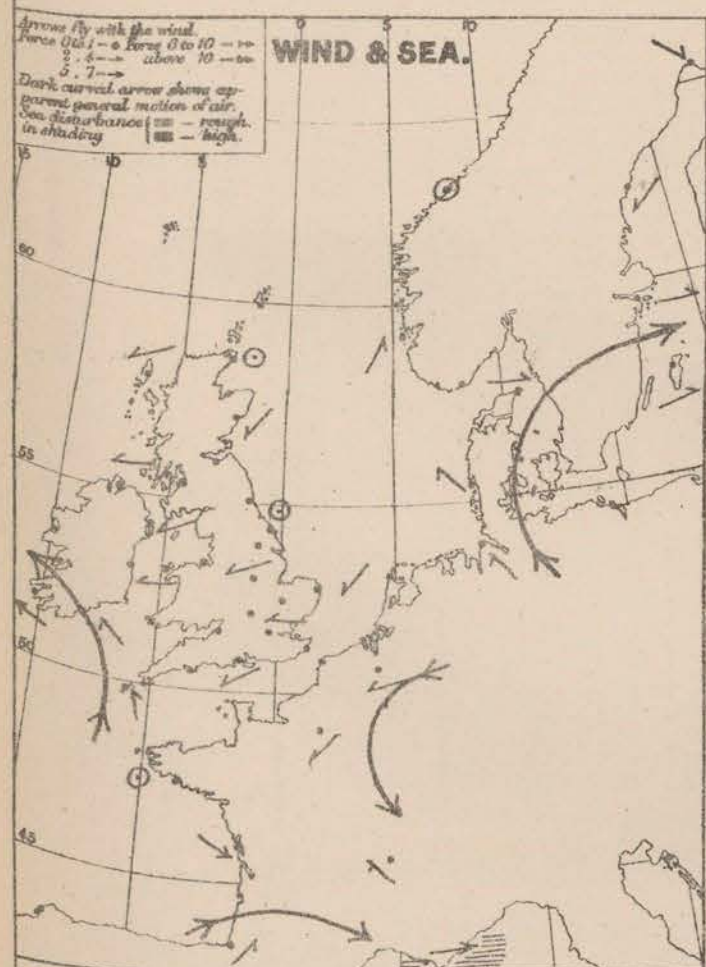
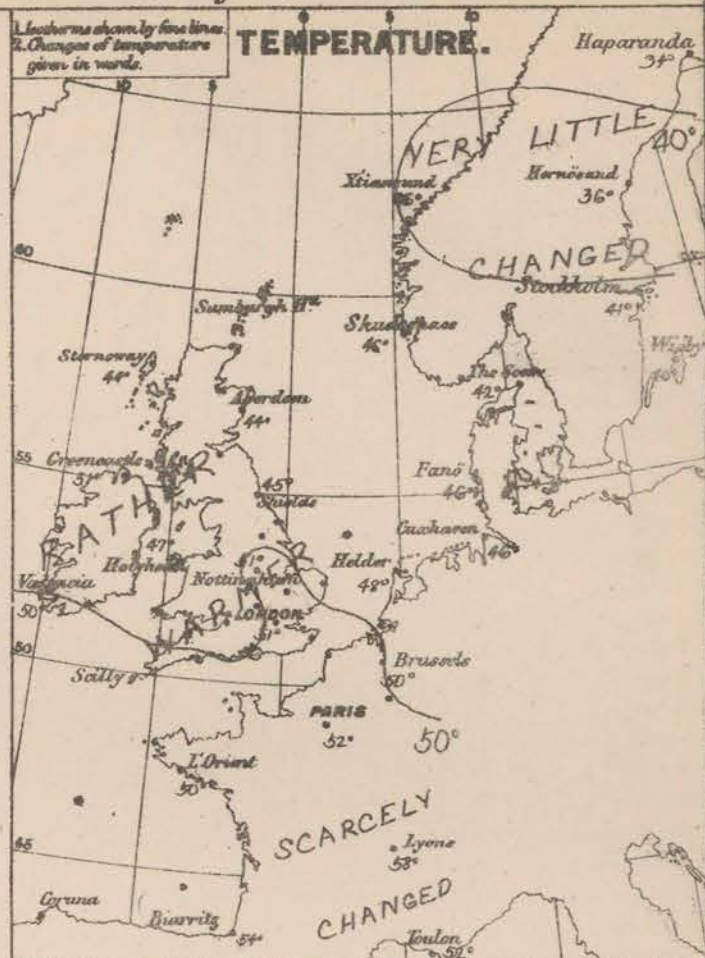
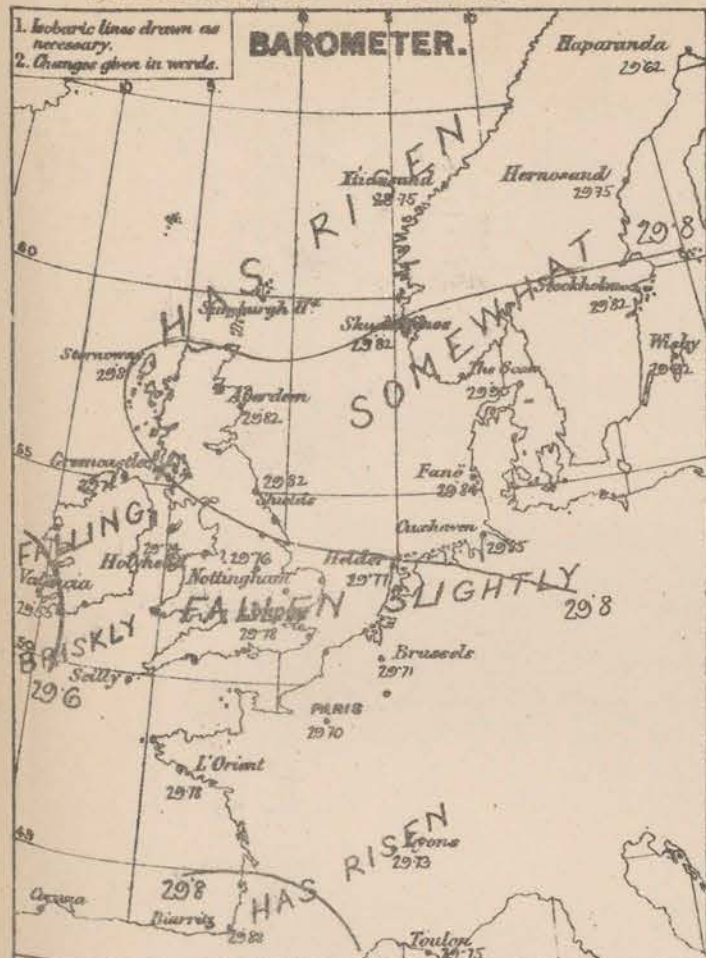
WEATHER.—Beaufort scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS *for 8 a.m. on Tuesday 8TH MAY 1877.*



REMARKS. The fall of the barometer reported from Valencia yesterday afternoon has since become rather brisk and has extended, though in a less degree, to most of our other western stations. In nearly all other parts of Western Europe, however, a slight increase of pressure is reported, and areas of comparatively high readings lie: one over the North Sea and the northern parts of the United Kingdom, the other over Spain and the south of France. The wind is very light at our more northern stations but is moderate or fresh from E on our western and south western coasts, while it is light from NE in the south east, from NW over the Bay of Biscay and from W. in the south of France, showing a circulation round an area of low pressure lying over the north east of that country. Temperature has risen slightly but in the south east the weather is still very cold at night. The sky is clear except in the south west, and the weather is very dry. The sea is smooth.

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

R. H. SCOTT.
Director.

Langerfeldt, 14th 22 Bedford St., Covent Garden

DAILY WEATHER REPORT MAY 9TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 320 P. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda ...													*	*	*			
Hernösand ...													*	*	*			
Stockholm ...													*	*	*			
Wisby ...													*	*	*			
Christiansund ...	29.84	44	ESE	2	0	29.93	+ .18	44.0	39	+ 4	S	1	0	2	41	36	0.18	
Skudesnaes ...	29.91	44	SSW	2	bc	29.91	+ .09	44.5	44	- 1	NNE	4	bc	1	48	63	-	
Oxö (Xtiansand) ...	29.91	44	SSW	2	bc	29.89	+ .03	44.4	40	+ 6	NNE	2	bc	2	48	37	-	
Skagen (The Scau) ...	29.90	44	ESE	2	bc	29.89	- .01	44.5	42	+ 3	SE	2	bc	0	54	39	-	
Fanö ...	29.92	48	E	4	bc	29.76	- .08	51	47	+ 5	E	4	bc	*	59	39	-	
Cuxhaven ...	29.76	?	E	2	bc	29.71	- .14	50	48	+ 4	E	2	c	*	*	43	-	
Sumburgh Head																		
Stornoway	29.77	45	NE	4	bc	29.75	- .06	47	43	- 3	E	2	bc	4	48	38	-	
Thurso ...	29.82	47	NNE	2	bc	29.85	+ .05	47	45	+ 1	ESE	2	bc	2	53	36	-	
Wick ...	29.86	47	S	3	bc	29.86	+ .06	47	45	+ 1	E	4	bc	1	54	40	-	
Nairn ...	29.76	48	ENE	4	bc	29.81	- .02	46	40	+ 6	ENE	2	bc	2	52	35	-	
Aberdeen ...	29.82	46	ESE	3	bc	29.81	- .01	46	43	+ 2	E	3	bc	3	49	41	-	
Leith ...	29.73	46	E	2	bc	29.72	- .09	45	44	- 1	E	5	bc	*	55	39	-	
Shields ...	29.79	45	E	2	bc	29.70	- .12	44	42	- 1	E	3	0	3	49	42	-	
York ...	29.74	52	E	2	bc	29.60	- .22	50	47	+ 4	E	2	0	*	59	38	-	
Scarborough ...	29.78	46	ESE	2	bc	29.65	- .18	47	46	- 1	E	2	0	4	57	43	-	
Nottingham ...	29.68	34	SE	3	bc	29.57	- .24	48	47	- 3	NNE	2	0	*	63	41	-	
Ardrossan ...	29.67	55	NE	4	c	29.64	- .17	47	42	+ 4	E	6	com	4	63	40	-	
Greencastle ...	29.68	56	E	2	bc	29.53	- .21	48	43	- 3	E	4	c	*	56	44	-	
Donaghadee ...	29.63	52	SE	3	bc	29.56	- .21	47	44	+ 1	ESE	7	bc	5	53	44	-	
Kingstown ...	29.59	52	SSE	2	0	29.45	- .29	49	47	+ 2	ESE	5	0	4	54	46	0.04	
Holyhead ...	29.58	56	E	4	0	29.48	- .26	46	46	- 1	ENE	5	r	4	64	46	0.03	
Liverpool (Bidston) ...	29.62	58	E	3	0	29.53	- .24	45	44	- 1	ENE	4	r	2	60	43	0.01	
Valencia ...	29.36	49	ESE	5	r	29.22	- .31	50	48	0	ESE	3	op	3	52	46	0.23	
Roche's Point...	29.47	55	SSE	6	r	29.28	- .35	57	49	+ 1	SSE	5	0	4	58	48	0.41	
Pembroke ...	29.54	54	Z	0	c	29.38	- .31	50	48	+ 2	ESE	5	bc	3	56	46	0.01	
Portishead ...	29.56	60	SSE	2	c	29.44	- .28	52	49	+ 6	SSE	3	c	3	66	44	0.03	
Scilly ...																		
Plymouth ...	29.57	53	SE	2	0	29.42	- .29	57	49	- 1	SE	3	0	*	60	45	0.02	
Hurst Castle ...	29.60	53	S	4	0	29.51	- .24	53	53	+ 5	SSE	4	c	3	59	47	-	
Dover ...	29.63	55	NE	3	bc	29.57	- .15	52	50	- 1	S	1	bc	2	58	49	-	
London ...	29.63	57	ESE	2	bc	29.54	- .24	55	57	+ 4	W	2	c	*	67	46	-	
Oxford ...	*	*	*	*	*	29.55	- .22	53	50	+ 4	Z	0	c	*	64	45	-	
Cambridge ...	29.64	60	ESE	1	bc	29.54	- .24	52	50	+ 2	E	1	0	*	67	41	0.02	
Yarmouth ...	29.69	49	ENE	4	bc	29.58	- .21	49	48	+ 1	ESE	2	com	3	52	46	-	
The Helder ...	*	*	*	*	*	29.62	- .15	50	47	+ 2	ENE	2	bc	*	*	*	-	
Cape Gris Nez	29.63	52	NE	3	m	29.61	- .12	52	48	+ 2	SSW	2	c	1	57	46	-	
Brest ...	29.60	57	SW	3	bc	29.41	- .34	52	50	+ 2	SSW	4	r	5	?	46	0.35	
L'Orient ...	29.62	54	SW	4	m	29.50	- .28	48	46	- 2	SW	3	r	4	57	43	0.03	
Rocheport ...	29.69	55	SW	4	r	29.64	- .09	55	52	+ 1	SW	4	bc	3	59	41	0.79	
Biarritz ...	29.76	61	SSE	1	0	29.74	- .14	54	50	0	SSW	3	bc	3	63	48	0.12	
Corunna ...	*	*	*	*	*				*					*	*	*		
Brussels ...	*	*	*	*	*	29.60	- .11	57	*	+ 1	WSW	3	r	*	*	*	0.01	
Charleville ...	*	*	*	*	*	?	?	53	*	+ 1	SSW	3	0	*	*	*	*	
Paris ...	29.64	58	W	2	0	29.65	- .05	52	*	0	SW	3	c	*	*	*	*	
Lyons ...	*	*	*	*	*	29.79	+ .06	60	*	+ 2	W	2	bc	*	*	*	*	
Toulon ...	29.73	55	W	5	bc	29.77	+ .02	54	50	+ 2	W	4	bc	5	61	50	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.85	48	44	SSW	2	bc	3	Valencia	29.45	48	45	ESE	2	29	5
Thurso	29.83	57	47	NNW	2	bc	3	Scilly							
Scarborough ...	29.80	47	45	ESE	2	bc	2	London	29.67	61	51	E	2	bc	*
Greencastle ...	29.67	54	44	E	3	bc	*	Rocheport ...	29.73	57	50	W	5	c	3
Holyhead	29.66	59	58	NNE	2	bc	1								

Pressure is falling slowly in all places except Thurso. The winds are unchanged and the weather is very fine except at Valencia, where rain is falling.

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT MAY 10TH 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 ...	30.21	28	Z	0	b	30.19	+ .1	36	30	- 3	Z	0	b	*	*	*	-	
Hernösand ...	30.12	35	SE	2	b	30.08	+ .01	38	34	0	E	2	c	*	*	*	-	
Stockholm ...	29.95	41	NNE	4	c	29.94	- .15	45	43	- 3	NE	5	b	*	*	*	-	
Wisby ...	29.89	47	ESE	6	b	29.77	- .18	53	48	+ 2	SSE	12	c	*	*	*	-	
Christiansund ...	29.97	40	NNW	1	b	29.91	- .02	41	39	+ 1	Z	0	b	0	45.5	30	-	
Skudesnaes ...	29.87	46	N	2	b	29.80	- .11	57	43	+ 6	NNE	3	b	2	52	45	-	
Oxö (Klansand) ...	29.83	49	ENE	2	b	29.77	- .12	47	41	+ 3	NE	4	b	2	?	41	-	
Skagen (The Seaw) ...	29.82	46	SSE	2	b	29.75	- .14	44	41	- 1	ESE	3	0	2	55	41	-	
Fanö ...	29.69	50	ENE	4	0	29.64	- .12	57	48	0	ENE	4	c	*	59	45	-	
Cuxhaven ...	29.65	?	ENE	2	c	29.61	- .10	48	48	- 2	SE	1	0	*	?	45	0.07	
Sumburgh Head																		
Stornoway	29.79	50	E	6	c	29.84	+ .09	46	42	- 1	E	5	b	5	54	38	-	
Thurso ...	29.90	46	E	3	c	29.89	+ .04	46	43	- 1	ENE	5	b	4	53	40	-	
Wick ...	29.90	44	E	4	b	29.90	+ .04	45	44	- 2	NE	4	0	3	53	44	-	
Nairn ...	29.82	47	ENE	3	b	29.85	+ .02	45	40	- 1	ENE	6	c	2	55	38	-	
Aberdeen ...	29.82	45	NE	4	b	29.80	- .01	47	44	+ 1	NNE	5	b	4	50	42	-	
Leith ...	29.72	45	E	5	0	29.71	- .01	45	43	- 3	E	5	0	*	52	42	-	
Shields ...	29.67	45	E	5	b	29.67	- .03	44	44	0	E	4	b	5	48	43	0.22	
York ...	29.59	57	E	1	0	29.60	.00	50	47	0	ENE	1	0	*	59	38	0.07	
Scarborough ...	29.63	45	ENE	3	0	29.64	- .01	45	45	- 2	ENE	3	b	3	49	45	0.17	
Nottingham ...	29.52	50	NNE	4	c	29.60	+ .03	47	47	- 1	NNE	1	b	*	60	44	0.14	
Ardrossan ...	29.64	49	ENE	5	0	29.65	+ .01	46	43	- 1	NE	4	b	3	55	44	0.09	
Greencastle ...	29.54	50	E	2	0	29.57	+ .04	46	44	- 2	E	3	0	*	53	43	0.03	
Donaghadee ...	29.54	47	ESE	7	0	29.56	.00	47	45	0	ESE	7	0	5	50	45	0.32	
Kingstown ...	29.44	52	E	5	a	29.46	+ .01	50	49	+ 1	SE	4	0	4	54	48	0.22	
Holyhead ...	29.45	57	ENE	5	c	29.49	+ .01	57	50	+ 5	ESE	3	c	2	57	46	0.10	
Liverpool (Bidston) ...	29.44	57	ENE	7	c	29.54	+ .01	48	47	+ 3	E	4	m	2	58	45	0.05	
Valencia ...	29.30	53	E	3	c	29.26	+ .04	57	45	+ 1	NE	3	cp	3	56	46	0.04	
Roche's Point ...	29.36	44	SE	5	0	29.32	+ .04	53	57	+ 2	SE	4	c	4	57	49	0.44	
Pembroke ...	29.38	50	SE	3	0	29.45	+ .07	57	48	+ 1	S	4	b	3	55	47	0.05	
Portishead ...	29.44	57	SSE	3	b	29.52	+ .05	52	49	0	S	2	0	2	64	43	0.04	
Seilly ...																		
Plymouth ...	29.40	52	S	3	0	29.57	+ .09	50	50	+ 2	S	4	c	*	55	48	0.24	
Hurst Castle ...	29.47	57	SE	4	c	29.57	+ .06	52	57	- 3	SW	3	0	3	56	47	0.06	
Dover ...	29.57	52	ENE	2	b	29.59	+ .02	57	49	- 1	WSW	3	cp	2	57	49	0.11	
London ...	29.48	62	SSE	2	c	29.58	+ .04	56	49	+ 1	SW	2	c	*	64	46	0.01	
Oxford ...	*	*	*	*	*	29.56	+ .01	53	49	0	S	1	0	*	66	44	-	
Cambridge ...	29.42	60	SE	1	b	29.56	+ .02	53	50	+ 1	SW	1	c	*	65	46	0.05	
Yarmouth ...	29.56	49	E	2	b	29.58	.00	50	49	+ 1	Z	0	bm	2	57	46	0.01	
The Helder ...	*	*	*	*	*	29.40	- .02	47	47	- 3	Z	0	f	*	*	*	0.08	
Cape Gris Nez	29.60	52	NE	3	b	29.62	+ .01	48	48	- 4	WSW	3	b	2	61	48	0.04	
Brest ...	29.56	55	N	5	b	29.61	+ .20	52	48	0	N	3	0	?	?	?	0.28	
L'Orient ...	29.61	52	N	6	r	29.68	+ .18	50	44	+ 2	SW	3	0	5	55	43	0.08	
Rochefort ...	29.69	55	NW	6	c	29.74	+ .12	55	54	0	NW	5	b	5	63	45	?	
Biarritz ...	29.91	59	WSW	4	r	29.82	+ .08	52	48	- 2	S	3	r	5	64	46	0.04	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.62	+ .02	50	*	- 1	S	1	0	*	*	*	0.04	
Charleville ...	*	*	*	*	*	29.67	?	47	*	- 6	S	5	d	*	*	*	*	
Paris ...	29.68	54	SSE	3	c	29.73	+ .08	50	*	- 2	SW	4	b	*	*	*	0.32	
Lyons ...	*	*	*	*	*	29.95	+ .16	52	*	- 6	SE	2	c	*	*	*	*	
Toulon ...	29.78	57	N	4	b	29.91	+ .14	52	45	- 2	N	4	b	6	64	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudeenæs ...	29.87	57	43	NNW	6	b	2	Valencia	29.27	55	49	SE	3	c	3
Thurso	29.88	51	45	ESE	4	bm	3	Seilly							
Scarborough ...	29.64	47	46	E	3	b	4	London	29.50	62	54	SE	3	b	*
Greencastle ...	29.55	47	46	ENE	2	r	*	Rochefort ...	29.56	54	52	SSE	5	b	3
Holyhead	29.45	56	55	ENE	5	c	3								

Pressure is now recovering slightly in the extreme N. and N. but is falling over France and over some stations. The wind is still SE.

EXPLANATION OF COLUMNS.

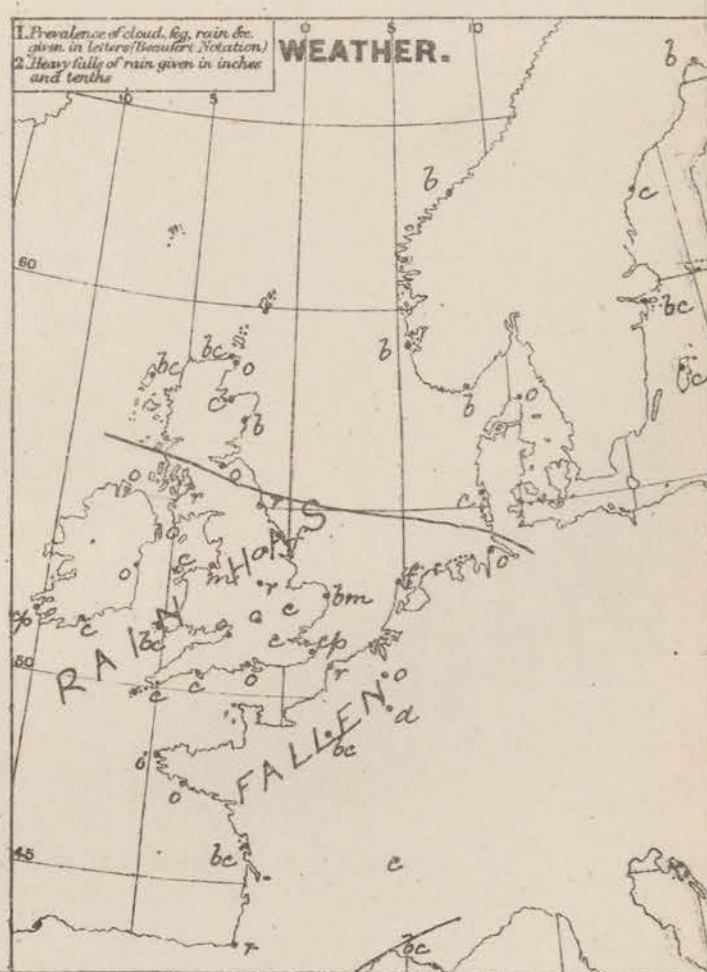
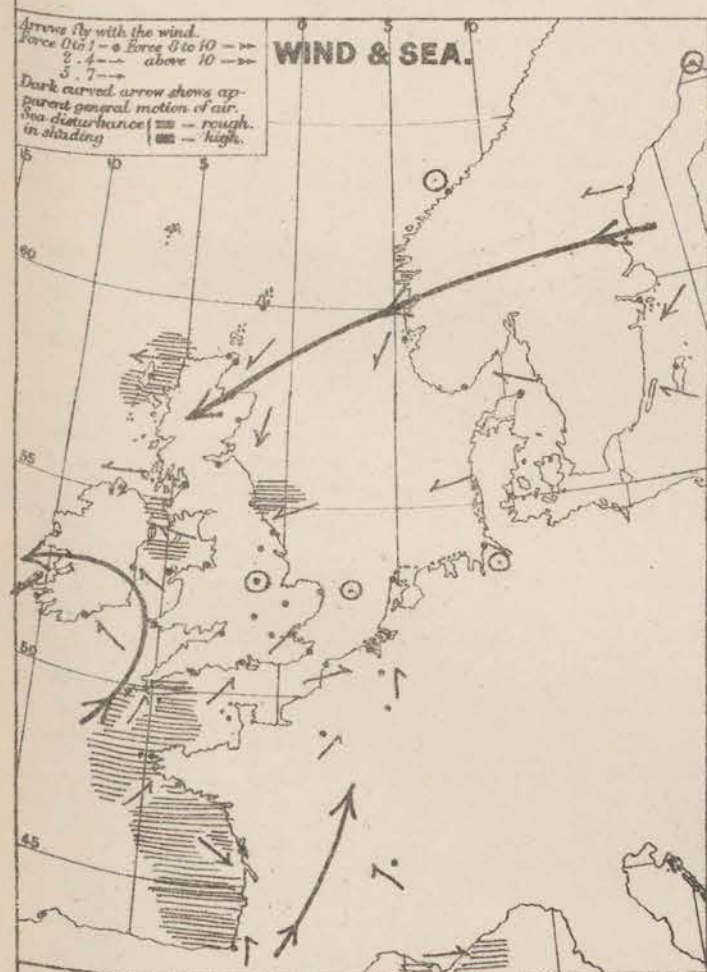
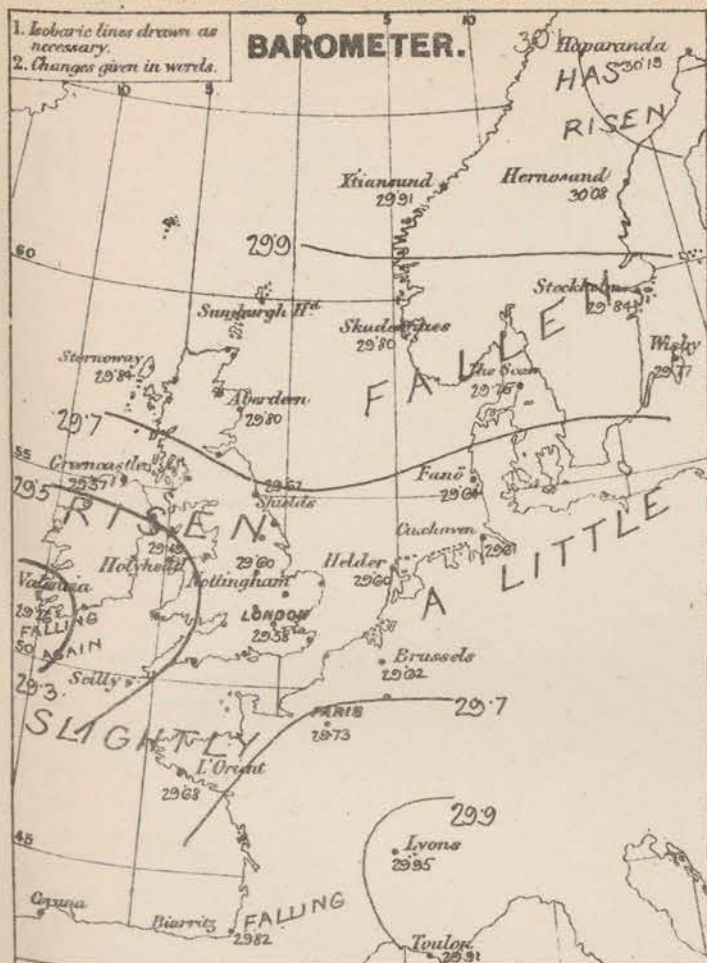
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

WEATHER CHARTS *for 8 a.m. on Thursday 10th MAY 1877.*



REMARKS. The recovery in pressure noticed in the south west yesterday afternoon has since given way to a fresh fall, and, though in many parts of our Islands as well as over France and the Channel the barometer is now rising, the changes are everywhere very slight, and the weather is rather unsettled. A depression still lies off our south west coast, while areas of high readings are reported both from the north of Scandinavia and the south east of France. In consequence S^{ly} to SW^{ly} breezes are reported at the French and our southern stations, while further to the Nth SE^{ly} to E^{ly} winds prevail generally. At Valentia a NE^{ly} breeze is reported on the western side of the depression. Temperature continues to change little and irregularly. It now exceeds 50° over the greater part of England and Ireland, and reaches 56° in London. The weather is cloudy and rather showery in places. The sea is rough over the Bay of Biscay, at the entrance to the Channel and on the more exposed parts of our coast, 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,
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R. H. SCOTT.
Director.

Langerfeldt, Luth. 22 Bedford St. Covent Garden.

DAILY WEATHER REPORT

MAY 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 ...	30.19	38	Z	a	b	30.12	-.07	39	34	+	3	NE	4	bc	*	*	*	-
Hernösand ...	29.99	37	ENE	2	bc	29.87	-.21	41	36	+	3	NE	4	b	*	*	*	-
Stockholm ...	29.75	40	NE	4	r	29.56	-.28	45	43	0		NE	6	bc	*	*	*	-
Wisby ...	29.67	41	ENE	6	o	29.56	-.21	37	36	-	16	NE	4	r	*	*	*	-
Christiansund ...	29.54	43	N	5	b	29.87	-.10	43	42	+	2	SSW	1	c	1	44.5	36	-
Skudesnaes ...	29.74	46	N	4	b	29.69	-.11	52	45	+	1	N	2	r	2	54	46	-
Oxö (Xtiansand) ...	29.73	46	NE	4	r	29.67	-.10	45	41	-	2	NE	4	o	3	50	36	-
Skagen (The Seaw) ...	29.76	46	NE	3	o	29.68	-.07	46	43	+	2	ENE	2	c	0	50	41	0.08
Fanö ...	29.63	50	SE	4	c	29.60	-.04	50	49	-	1	ESE	4	c	*	39	45	0.08
Cuxhaven ...	29.62	48	NNW	2	r	29.60	-.01	55	53	+	7	SSE	2	o	*	48	45	0.13
Sumburgh Head																		
Stornoway	29.74	48	NE	6	b	29.89	+.05	44	40	-	2	ENE	5	o	6	50	39	-
Thurso ...	29.59	46	ENE	4	bc	29.88	-.01	43	41	-	3	NE	4	o	4	52	41	-
Wick ...	29.59	45	E	3	o	29.87	-.03	43	41	-	2	NE	3	o	3	57	39	-
Nairn ...	29.58	45	ENE	3	o	29.86	+.01	43	39	-	2	ENE	3	o	2	48	41	-
Aberdeen ...	29.50	46	NNE	5	bc	29.78	-.02	45	40	-	2	NNE	6	bc	5	49	42	-
Leith ...	29.72	44	E	5	o	29.74	+.03	45	42	0		ENE	6	bc	*	52	41	-
Shields ...	29.66	43	ENE	4	r	29.68	+.01	43	42	-	1	NE	5	r	5	44	41	0.31
York ...	29.60	47	ENE	1	c	29.59	-.01	46	45	-	4	NE	2	o	*	52	44	0.02
Scarborough ...	29.61	45	ENE	2	f	29.60	-.04	43	43	-	2	NNE	3	m	5	46	43	0.04
Nottingham ...	29.55	50	Z	0	r	29.58	-.03	45	45	-	2	N	4	r	*	62	44	0.55
Ardrossan ...	29.65	48	E	6	o	29.69	+.04	44	40	-	2	ENE	6	eg	4	57	42	-
Greencastle ...	29.58	49	E	3	o	29.68	+.11	44	40	-	2	E	3	o	*	50	42	-
Donaghadee ...	29.56	48	E	7	o	29.65	+.09	46	44	-	1	E	7	c	5	48	44	0.26
Kingstown ...	29.57	51	E	3	c	29.57	+.11	49	47	-	1	E	4	om	4	54	47	0.18
Holyhead ...	29.52	48	NNE	2	o	29.56	+.07	47	47	-	4	ENE	5	o	4	55	46	0.12
Liverpool (Bidston) ...	29.57	57	E	4	o	29.57	+.03	45	44	-	3	ENE	3	r	2	52	45	0.02
Valencia ...	29.37	52	E	4	o	29.52	+.26	57	46	0		ENE	2	bc	3	55	41	0.03
Roche's Point...	29.42	54	S	5	c	29.50	+.18	49	47	-	4	ESE	4	c	4	57	44	0.24
Pembroke ...	29.47	57	SE	1	c	29.50	+.05	46	45	-	5	ENE	2	om	2	55	44	0.18
Portishead ...	29.51	52	S	1	a	29.57	-.07	48	47	-	4	NNW	3	o	3	56	43	0.18
Scilly ...																		
Plymouth ...	29.49	47	SE	3	o	29.49	+.02	48	47	-	2	SE	3	o	*	57	39	0.20
Hurst Castle ...	29.57	57	SE	3	o	29.52	-.05	48	48	-	4	E	2	o	2	52	45	0.43
Dover ...	29.58	57	SSE	2	b	29.49	-.10	49	48	-	2	NE	1	cs	1	54	48	0.08
London ...	29.54	57	SSW	2	o	29.57	-.07	50	49	-	6	WSW	1	od	*	63	48	0.03
Oxford ...	*	*	*	*	*	29.52	-.04	49	47	-	4	Z	o	m	*	63	46	0.02
Cambridge ...	29.54	56	SSW	1	c	29.52	-.04	52	50	-	1	NE	1	o	*	64	41	-
Yarmouth ...	29.57	57	SSE	2	b	29.57	+.07	49	48	-	1	NE	2	of	2	54	46	-
The Helder...	*	*	*	*	*	29.50	-.10	57	52	+	4	Z	o	o	*	*	*	-
Cape Gris Nez	29.60	54	SW	1	c	29.50	-.12	48	48	0		W	1	r	0	55	46	0.28
Brest ...	29.54	54	S	1	r	29.56	-.05	52	48	0		WSW	3	o	4	?	43	0.67
L'Orient ...	29.54	?	NNW	?	?	29.61	-.07	54	50	+	4	WSW	5	r	5	54	41	0.79
Rochefort ...	29.66	54	NNW	6	c	29.75	-.01	55	52	0		N	5	c	5	61	45	?
Biarritz ...	29.78	59	WSW	6	r	29.77	-.01	52	48	0		SE	1	r	5	64	45	0.12
Corunna ...	*	*	*	*	*											*	*	*
Brussels ...	*	*	*	*	*	29.45	-.17	47	*	-	3	S	6	r	*	*	*	0.34
Charleville ...	*	*	*	*	*	29.54	-.13	48	*	+	1	SSW	3	o	*	*	*	*
Paris ...	29.61	52	S	3	r	29.63	-.10	50	*	0		SSW	4	o	*	*	*	-
Lyons ...	*	*	*	*	*	29.74	-.11	57	*	+	3	NE	2	c	*	*	*	*
Toulon ...	29.82	55	SW	1	c	?	?	55	54	+	3	?	4	m	4	63	50	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.76	53	44	N	4	b	2	Valencia	29.32	34	48	SE	3	cp	4
Thurso	29.90	50	46	ENE	5	b	4	Scilly							
Scarborough ...	29.63	45	44	NE	3	o	3	London	29.55	40	52	SSW	3	c	5
Greencastle ...	29.58	50	46	E	2	o	*	Rochefort ...	29.57	52	50	S	5	r	5
Holyhead	29.57	51	51	SSW	2	g	1								

Pressure is almost unchanged over these Islands, except that a slight recovery has set in in the SW. but in the West of France the barometer is falling briskly.

EXPLANATION OF COLUMNS.

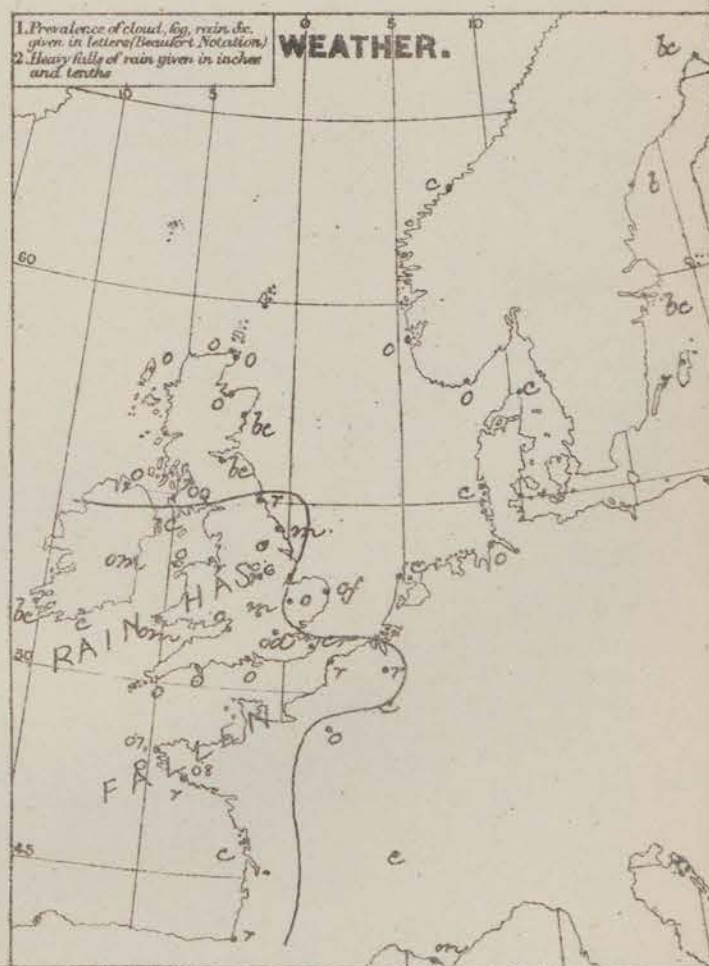
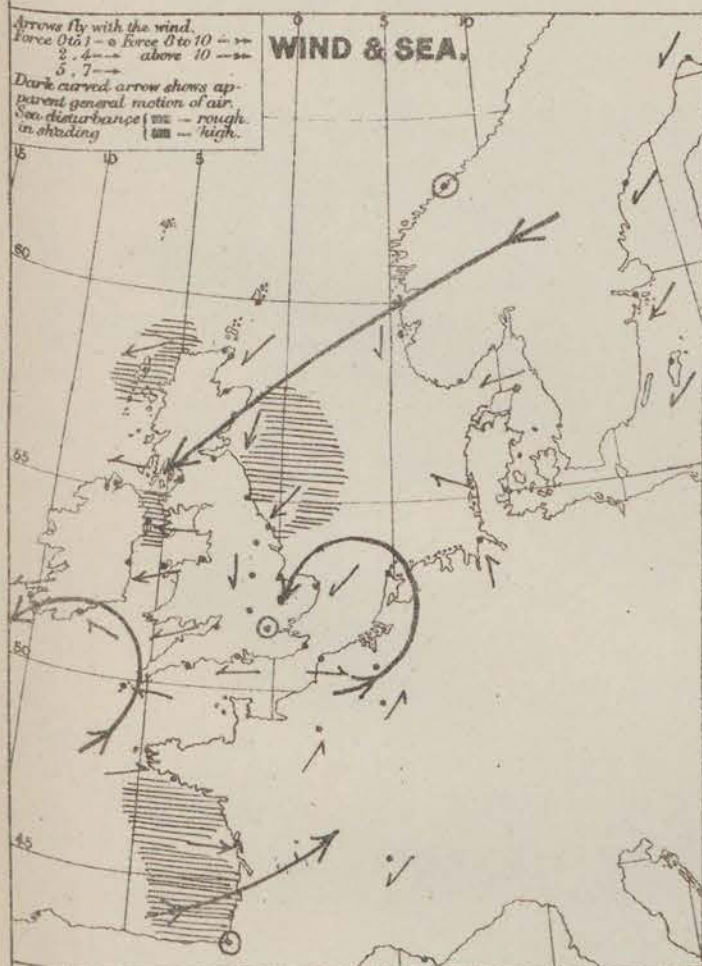
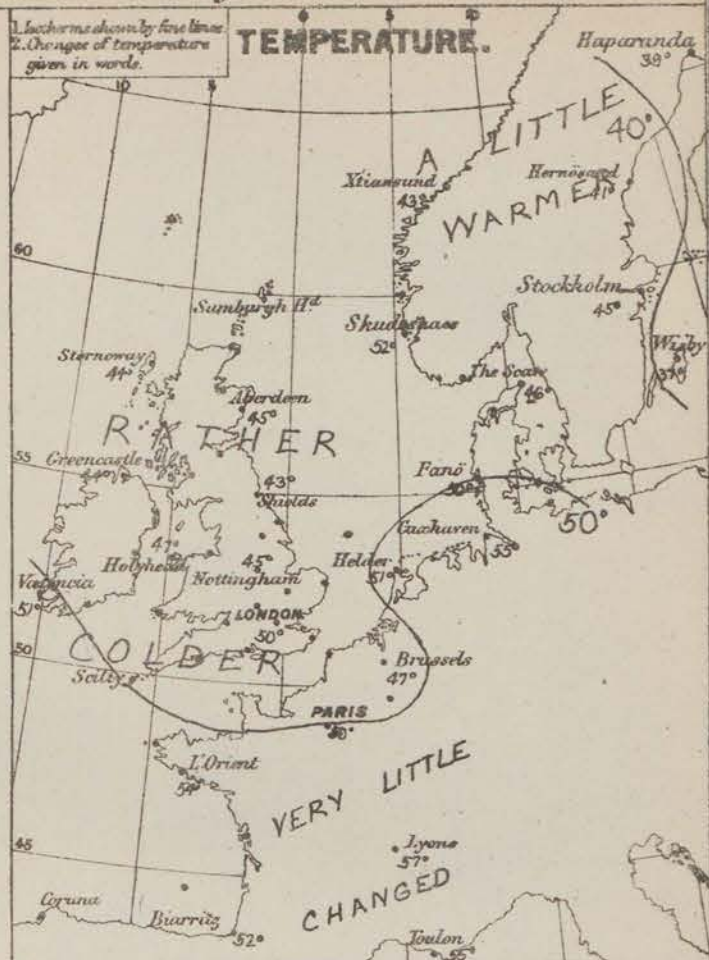
WEATHER.--Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 11TH MAY 1877.



REMARKS. During the past night a small shallow depression has advanced in a NE^{ly} direction across France to our south east coasts, and the barometer is falling over the Netherlands and our south eastern stations as well as over Scandinavia and Denmark. In most other places, however, a recovery is in progress, which has been greatest in the south west, and the depression which lies off those coasts is apparently becoming filled up. Readings are very uniform over our southern stations and the north of France, and the winds are light and variable within that region but to the N^{ly} strong E^{ly} to NE^{ly} winds are reported, and to the S^{ly} moderate W^{ly} breezes. Temperature though not changing much is inclined to fall generally. The sky is cloudy or overcast in all places, with rain in the south east, where also the weather is very gloomy. The sea is rough on our north-east coasts and also in the Bay of Biscay but is moderate to smooth elsewhere.

Our west, north and north east coasts were warmed last night but the cones have been lowered again this morning.

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

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

R. H. SCOTT.
Director.

Langerfeldt Luth. 22 Bedford St. Covent Garden

DAILY WEATHER REPORT MAY 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 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 ...																			
Hernösand ...	29.66	40	NE	6	o		29.54	-.31	42	34	+ 1	N	6	bc					
Stockholm ...	29.51	38	N	6	o		29.60	+ .04	41	39	- 4	NNW	6	o					
Wisby ...	29.59	36	NNW	6	r		29.66	+ .10	37	36	o	NNW	4	o					0.59
Christiansund ...	29.56	43	N	3	b		29.79	-.02	45	42	+ 2	SSW	2	c	1	46	36		
Skudesnaes ...	29.69	49	N	2	o		29.71	+ .02	50	48	- 2	Z	o	r	1	?	48		
Oxö (Xiansand) ...	29.65	49	N	4	c		29.69	+ .02	48	45	+ 3	NE	4	c	2	52	41		
Skagen (The Seaw) ...	29.64	28	NE	2	b		29.72	+ .04	49	46	+ 3	Z	o	b	0	61	41		
Fanö ...	29.58	49	SE	4	c		29.62	+ .02	51	50	+ 1	ENE	4	c		59	46		
Cuxhaven ...	29.57	?	ENE	2	r		29.62	+ .02	53	52	- 2	WSW	3	o		?	48		0.07
Sumburgh Head																			
Stornoway	29.86	45	NE	7	b		29.81	+ .08	47	44	+ 3	ENE	1	b	6	49	41		
Thurso ...	29.84	45	NNE	4	o		29.81	-.07	47	45	+ 4	NE	4	bc	4	52	42		
Wick ...	29.84	45	E	4	c		29.80	-.07	47	43	+ 4	E	2	b	1	51	40		
Nairn ...	29.81	46	ENE	3	c		29.79	-.07	44	42	+ 1	ENE	3	o	3	49	41		0.04
Aberdeen ...	29.75	45	NNE	6	bc		29.72	-.06	44	43	- 1	NNE	4	o	4	49	42		0.04
Leith ...	29.72	46	ENE	5	b		29.67	-.07	43	42	- 2	ENE	5	r		52	41		0.27
Shield ...	29.63	43	NNE	6	r		29.61	-.07	44	44	+ 1	ESE	?	f	5	44	42		0.37
York ...	29.59	45	N	2	o		29.60	+ .01	45	44	- 1	NE	1	o		48	41		0.14
Scarborough ...	29.58	43	N	4	mv		29.61	+ .01	45	45	+ 2	Z	o	o	3	45	43		0.38
Nottingham ...	29.59	46	NNE	3	o		29.69	+ .11	45	44	o	NE	2	o		49	42		0.03
Ardrossan ...	29.68	52	ENE	4	bc		29.66	-.03	43	41	- 1	NE	3	r	2	59	42		0.28
Greencastle ...	29.64	52	ENE	2	c		29.65	-.03	44	40	o	NE	2	o		55	37		
Donaghadee ...	29.66	48	SE	4	bc		29.61	-.04	43	43	- 3	NNE	6	o	5	53	42		0.04
Kingstown ...	29.61	48	ENE	4	r		29.61	+ .04	44	43	- 5	NNH	4	r	4	49	43		0.03
Holyhead ...	29.58	48	ENE	5	mv		29.56	oo	46	46	- 1	NNE	2	o	2	50	44		
Liverpool (Bidston) ...	29.59	47	ENE	2	o		29.58	+ .01	44	42	- 1	E	1	o	1	48	42		0.07
Valencia ...	29.52	51	NNE	3	c		29.59	+ .07	48	46	- 3	ENE	3	c	4	55	40		0.10
Roche's Point ...	29.53	49	ESE	5	c		29.55	+ .05	50	47	+ 1	ENE	4	c	4	56	43		0.04
Pembroke ...	29.50	55	SE	1	bc		29.53	+ .03	51	49	+ 5	ESE	2	c	2	58	45		
Portishead ...	29.52	52	N	4	c		29.54	+ .03	49	48	+ 1	NNE	3	o	2	56	42		0.14
Scilly ...																			
Plymouth ...	29.52	52	SE	2	b		29.51	+ .02	51	50	+ 3	SE	2	o		59	48		
Hurst Castle ...	29.55	53	SSW	3	bc		29.55	+ .03	53	52	+ 5	Z	o	c	0	55	46		
Dover ...	29.56	51	SW	2	b		29.59	+ .10	52	51	+ 3	S	2	c	1	55	47		0.04
London ...	29.54	55	NE	1	c		29.57	+ .06	53	48	o	SE	1	o		59	40		0.12
Oxford ...							29.57	+ .05	51	49	+ 2	SE	1	o		56	47		0.21
Cambridge ...	29.55	51	NE	1	r		29.58	+ .06	48	47	- 4	E	1	o		61	45		0.02
Yarmouth ...	29.56	49	NE	2	c		29.60	+ .09	45	45	- 4	ESE	2	f	3	52	43		0.02
The Helder ...							29.64	+ .14	47	46	- 4	Z.	o	c		*	*		
Cape Gris Nez	29.58	52	SW	1	b		29.60	+ .10	52	50	+ 4	SSW	1	c	1	55	46		0.08
Brest ...	29.59	55	WSW	3	o		29.54	-.02	50	48	- 2	WSW	2	r	3	?	46		0.71
L'Orient ...	29.64	50	WSW	3	o		29.58	-.03	48	48	- 6	WSW	2	r	4	59	45		0.24
Rochefort ...	29.68	57	N	4	c		29.57	-.18	50	48	- 5	SE	3	r	3	63	41		
Biarritz ...	29.66	59	ESE	1	o		29.54	-.27	59	54	+ 7	SSW	3	r	4	61	46		0.04
Corunna ...																			
Brussels ...							29.62	+ .17	50	*	+ 3	SSW	3	r	*	*	*		0.08
Charleville ...							29.58	+ .04	48	*	o	ESE	3	r	*	*	*		
Paris ...	29.63	54	N	3	c		29.62	-.01	51	*	+ 1	S	2	o	*	*	*		0.12
Lyons ...							29.67	-.17	60	*	+ 3	SE	2	r	*	*	*		
Toulon ...	29.76	57	E	4	mv		29.72	?	55	55	o	ESE	6	mv	6	59	55		

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.69	53	48	NNE	2	r	2	Valencia	? 29.55	55	49	NNE	3	c	4
Thurso	29.86	48	45	NNE	4	bc	4	Scilly							
Scarborough ...	29.60	44	44	N	4	mv	4	London	29.56	53	49	ENE	1	c	*
Greencastle ...	?	53	45	NE	3	c	*	Rochefort ...	29.72	57	52	WSW	5	c	5
Holyhead	29.58	49	48	ENE	6	om	5								

Pressure is increasing except in the North and at Rochefort, but the changes are slight. The weather is improving in the South.

EXPLANATION OF COLUMNS.

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

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

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

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

SUMMARY OF WEATHER IN WESTERN EUROPE

from MAY 6TH to MAY 12TH 1877.

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

On the first three days of this week a band of high pressure stretched across Ireland, England, and the North Sea, while areas of low readings were shown both over the N. of France, and to the N.W. of these Islands. In consequence W^{ly} winds were reported from all the most N^w stations, and E^{ly} winds in the S., while within the band noticed above variable airs or calms prevailed with very fine weather. On the next two days the weather was governed by a rather deep depression which had advanced to the S. of Ireland giving us SW^{ly} winds over France and the Channel, and SE^{ly} winds on all our coasts with dull skies. On Friday, this depression which was, however, much filled up, was supplemented by a second, which lay over our SE^w stations, so that at the close of the week a band of low pressure stretched across these Islands, bringing W^{ly} winds to the SW^w, and E^{ly} to NE^{ly}, winds to the N^w stations, the weather at the same time becoming very gloomy. On the last few days a good deal of rain fell. The temperature on the whole has become more seasonable during the week.

MAY 6TH The barometer was falling in nearly all parts of N^w Europe the greatest change having occurred on the N. coast of Scotland. The general distribution of pressure was rather complicated, — a large area of comparatively high readings stretched across North Germany, and as far as to Ireland, while three more or less well defined cyclonic systems were reported, one over the N. of France, a second off the Hebrides and a third in the Gulf of Bothnia. The wind consequently varied considerably, at Biarritz it was N^{ly}, at the other French stations and over the Channel E^{ly}, on our N^w and N^e coasts SW^{ly}, while over Norway and Sweden it was N^{ly}. In most places it was moderate, but in the Hebrides and at Christiansund blew strongly. Temperature had risen somewhat generally, but the nights were still very cold in Central England. The sky was clear within the region of high pressure, but was cloudy elsewhere. In the evening only little change was shown, except that the depression in the N.W. had advanced further in over Scotland.

MAY 7TH The general distribution was very similar to that on the previous day, but as the barometer was rising generally, particularly within the regions of lowest pressure gradient had become slighter and the wind ^{had} decreased. Over England and Ireland very light variable breezes prevailed, but in the N. moderate N^{ly} winds, and in the S. moderate E^{ly} winds were reported. At Christiansund a W.S.W. gale was blowing. Temperature had risen in most places, several degrees in the N. of France. In the extreme N. and extreme S. the weather was dull and snow was falling at Christiansund, but in all other places the sky was clear or nearly so. The evening reports showed the barometer still rising within the regions of low pressure, while in the intermediate region it was falling.

MAY 8TH The depression which had existed during the past two days in the SW. of France had moved NE^w across that country and now had its centre near Charleville. The barometer was consequently rising on the shores of the Bay of Biscay, but during the night a rather brisk decrease of pressure had set in at Valencia, and extended though in a less degree to the greater part of Ireland and England. In Scotland, and over Norway and Denmark, the barometer still rose. Owing to this peculiar distribution of pressure the wind was rather variable. In the SE the wind was NE^{ly}, and in the S. of France N^{ly}, while fresh SE^{ly} to E^{ly} breezes prevailed on our N^w coasts, and variable airs in the N. Temperature had risen slightly in most places, but at night the weather was still very cold in the SE. In the SW. and over France the sky had become cloudy, in elsewhere it remained clear. During the day the barometer continued to fall.

rather briskly in the S.W. while it remained steady in the N. so that gradients became rather steep in Ireland, and the S.E. winds still blew freshly.

MAY 9th The centre of the depression which had been advancing towards us on the previous day, had now reached our S.W. coast, and the barometer had fallen briskly there as well as in the N.W. of France. In the N.E. of these Islands as well as over Scandinavia pressure still increased, so that a further steepening of the gradients had occurred and the S.E. to E. winds which prevailed on the greater part of our coast, blew freshly in the N. and strongly in the N.W. In France N. to S.W. breezes were reported. Temperature had risen a few degrees at some of our S.W. stations, but was almost unchanged elsewhere. The sky had become cloudy at all but the N.W. and N.E. stations, with rain in the N. By the afternoon a recovery had set in in the S.W. and at 6 P.M. the barometer was rising at all but the S.E. stations.

MAY 10th The recovery noticed on the previous day in the S.W. had given way during the night to a fresh fall. The change was, however, very slight, and the barometer was rising ^{though} very slightly over the greater part of these Islands and France, while in Norway and Sweden it was falling slowly. Over France, the Channel, and our S.W. stations, the wind was S.W. to S., while on our N.W. coast S.E. and in Scotland N.E. winds, moderate or fresh in force still continued. The changes in temperature continued slight and irregular. The weather was cloudy and showery. During the day pressure again recovered at our S.W. stations while a brisk fall appeared on the S. of France.

MAY 11th The brisk fall of the barometer which had occurred in the S.W. of France on the previous day, was caused by the advance of a small depression, which had since travelled in a N.E. direction across that country, and now lay over Holland and the S.E. stations. At the same time the depression noticed in the S.W. was apparently becoming slowly filled up, and the barometer was rising slowly except in the Netherlands, Denmark, and Scandinavia. A broad band of low pressure now stretched across Ireland, England, and the North Sea, so that easterly breezes prevailed at all the more N.W. stations, and N. to S.W. over France. On nearly all coasts the wind was moderate or fresh in force, and in the S.E. very light airs prevailed. Temperature was rather lower generally, and the sky was cloudy or overcast with rain in the S.E. Scarcely any change of importance subsequently occurred, beyond a brisk fall of the barometer at Llanrhydydd.

MAY 12th The changes in the barometer over these Islands were without importance, but both in the S.W. of France, and over Sweden pressure had decreased briskly. The wind had backed to S.E. in the S. of France, but was still N. to S. in the N. of that country, and at our S.W. stations, while on our N.W. and N.W. coast N.E. breezes prevailed. In most places the wind was light in force. Temperature was a few lower in the N.W. of France, but in all other places scarcely any change was reported. The weather was overcast except in the extreme N. of Scotland, and rain was falling at nearly all the Scotch stations. In the evening pressure was increasing at all but the N.W. stations.

Meteorological Office,

116, Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Director.

DAILY WEATHER REPORT MAY 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.		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 ...	29.60	36	N	2	o		29.66		36	35		NW	4	o	*	*	*	0.71	
Hernösand ...	29.69	39	NNW	2	c		29.76	+ .20	45	38	+ 3	W	2	f	*	*	*	-	
Stockholm ...	29.71	42	SW	3	bc		29.84	+ .24	57	48	+ 10	Z	o	f	*	*	*	-	
Wisby ...	29.75	40	NNW	4	c		29.80	+ .14	45	41	+ 8	SE	4	f	*	*	*	-	
Christiansund ...	29.82	43	NNW	2	f		29.84	+ .02	44	42	- 1	SW	1	c	1	46	37	-	
Skudesnaes ...	29.76	48	SW	1	o		29.79	+ .08	52	47	+ 2	ENE	2	c	2	52	45	-	
Oxö (Xtiansand) ...	29.76	48	N	2	c		29.78	+ .09	48	45	o	NE	4	c	2	55	39	-	
Skagen (The Seaw) ...	29.77	48	ENE	3	f		29.81	+ .09	48	46	- 1	SSE	1	c	0	63	43	-	
Fanö ...	29.70	49	ENE	4	c		29.67	+ .05	50	48	- 1	ENE	4	bc	*	57	45	-	
Cuxhaven ...	29.66	?	N	2	o		29.62	.00	53	52	o	E	2	o	*	?	45	-	
Sumburgh Head																			
Stornoway	29.78	49	NE	6	f		29.78	- .03	49	46	+ 2	E	3	bc	4	50	43	-	
Thurso ...	29.82	45	ENE	4	o		29.82	+ .01	45	43	- 2	ENE	3	c	3	57	41	-	
Wick ...	29.82	45	E	4	o		29.89	+ .09	46	43	- 1	NE	4	o	1	49	41	-	
Nairn ...	29.80	44	ENE	2	c		29.80	+ .01	45	43	+ 1	ENE	1	c	2	47	43	-	
Aberdeen ...	29.75	45	NNE	3	m		29.75	+ .03	45	43	+ 1	N	3	o	2	45	41	0.27	
Leith ...	29.69	43	ENE	5	r		29.74	+ .07	46	44	+ 3	ESE	1	o	*	47	41	0.13	
Shields ...	29.67	43	E	2	o		29.73	+ .12	43	43	- 1	NNE	3	tf	3	46	42	0.02	
York ...	29.65	47	E	1	o		29.71	+ .11	47	45	+ 2	NE	1	o	*	52	44	0.03	
Scarborough ...	29.73	42	N	2	o		29.70	+ .09	42	42	- 3	NNE	2	m	3	46	40	-	
Nottingham ...	29.65	49	NE	1	f		29.71	+ .02	46	46	+ 1	N	3	o	*	57	45	0.42	
Ardrossan ...	29.67	46	ENE	3	o		29.73	+ .07	48	45	+ 5	ENE	3	o	2	50	41	0.01	
Greencastle ...	29.64	46	NE	2	o		29.68	+ .03	46	45	+ 2	E	2	o	*	50	43	0.02	
Donaghadee ...	29.63	45	E	4	r		29.71	+ 0	48	47	+ 5	ESE	4	o	3	49	42	0.08	
Kingstown ...	29.60	47	NNW	3	c		29.69	+ .08	48	46	+ 4	NNW	2	m	2	48	43	0.06	
Holyhead ...	29.57	53	NNE	1	o		29.69	+ .13	48	48	+ 2	SW	1	m	0	55	46	0.02	
Liverpool (Bidston) ...	29.56	53	E	3	f		29.70	+ .12	48	45	+ 4	E	1	o	1	54	44	-	
Valencia ...	29.64	54	N	2	f		29.63	+ .04	51	48	+ 3	SE	4	c	2	56	40	-	
Roche's Point...	29.65	54	SW	3	c		29.67	+ .12	55	51	+ 5	SE	2	c	3	57	45	-	
Pembroke ...	29.57	51	N	2	f		29.71	+ .18	50	48	- 1	NNW	1	c	1	54	44	0.04	
Portishead ...	29.57	51	SW	1	o		29.68	+ .14	50	48	+ 1	Z	o	o	2	57	45	0.10	
Scilly ...																			
Plymouth ...	29.57	54	NN	1	or		29.72	+ .21	53	51	+ 2	NN	2	f	*	58	44	0.09	
Hurst Castle ...	29.57	54	NNW	2	c		29.69	+ .14	52	52	- 1	NN	2	o	2	55	47	0.07	
Dover ...	29.58	55	E	1	bc		29.63	+ .04	52	50	o	NNW	2	c	1	57	48	-	
London ...	29.58	54	S	1	of		29.67	+ .10	50	49	o	N	1	og	*	57	47	0.17	
Oxford ...	*	*	*	*	*		29.67	+ .10	52	50	+ 1	NNW	1	o	*	59	48	0.13	
Cambridge ...	29.58	62	SE	1	o		29.66	+ .08	48	48	o	N	1	o	*	59	47	0.19	
Yarmouth ...	29.60	48	E	3	o		29.61	+ .01	46	46	+ 1	N	2	odf	2	50	45	0.16	
The Helder..	*	*	*	*	*		29.54	- .10	52	51	+ 5	NE	2	r	*	*	*	0.08	
Cape Gris Nez	29.60	52	Z	0	r		29.64	+ .04	48	48	- 4	NNW	2	f	2	55	48	0.05	
Brest ...	29.63	51	NN	2	bc		29.83	+ .29	52	50	+ 2	NNW	2	c	3	57	48	0.05	
L'Orient ...	29.63	54	NNW	4	bc		29.87	+ .29	54	50	+ 6	NNW	3	f	4	57	46	-	
Rochefort ...	29.67	57	N	5	c		29.81	+ .27	55	52	+ 5	NNW	5	bc	5	61	39	?	
Biarritz ...	29.85	39	NNW	5	c		30.00	+ .15	55	50	- 4	SW	1	c	4	59	48	0.12	
Corunna ...	*	*	*	*	*				*	*						*	*	*	
Brussels ...	*	*	*	*	*		29.59	- .03	57	*	+ 1	SW	3	o	*	*	*	0.29	
Charleville ...	*	*	*	*	*		29.63	+ .05	49	*	+ 1	SW	3	r	*	*	*	*	
Paris ...	29.56	52	NN	3	r		29.72	+ .10	50	*	- 1	SW	3	o	*	*	*	0.55	
Lyons ...	*	*	*	*	*		? 29.93	+ .26	55	*	- 5	SE	2	c	*	*	*	*	
Toulon ...	29.76	57	ESE	5	m		29.93	+ .17	54	50	- 1	N	4	f	5	63	54	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.74	52	46	SW	2	o	1	Valencia	29.63	51	48	N	3	c	3
Thurso	29.84	47	45	ENE	4	o	4	Scilly							
Scarborough ...	29.64	46	46	E	1	f	2	London	29.56	55	52	SSE	1	o	*
Greencastie ...	29.66	48	46	E	2	o	*	Rochefort ...	29.60	57	54	N	5	c	4
Holyhead	29.56	51	50	NNE	3	m	2								

No important change.

EXPLANATION OF COLUMNS.

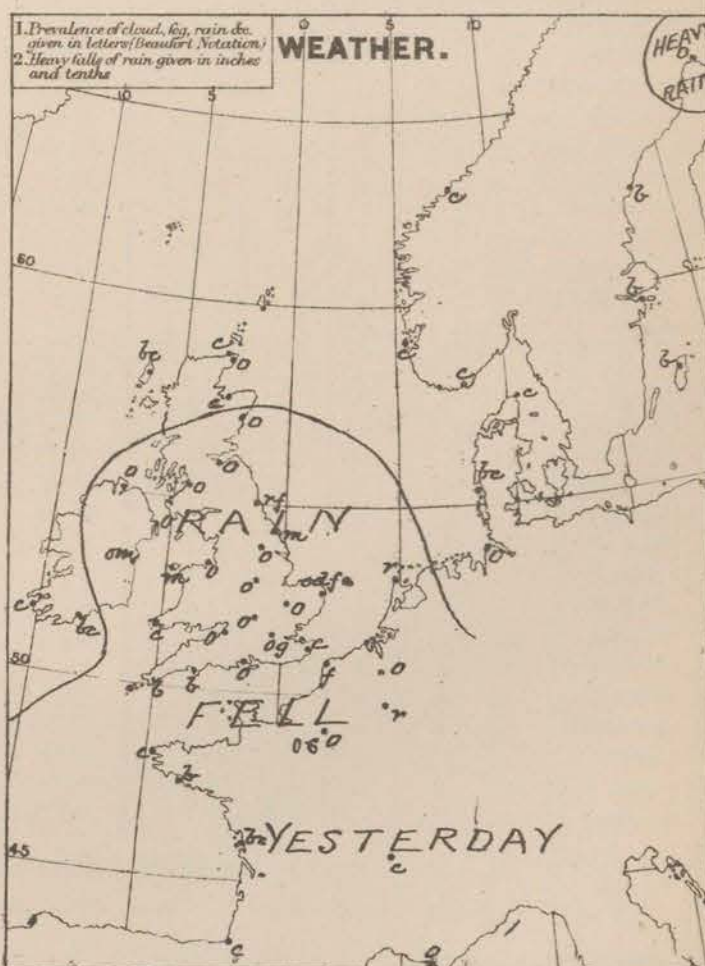
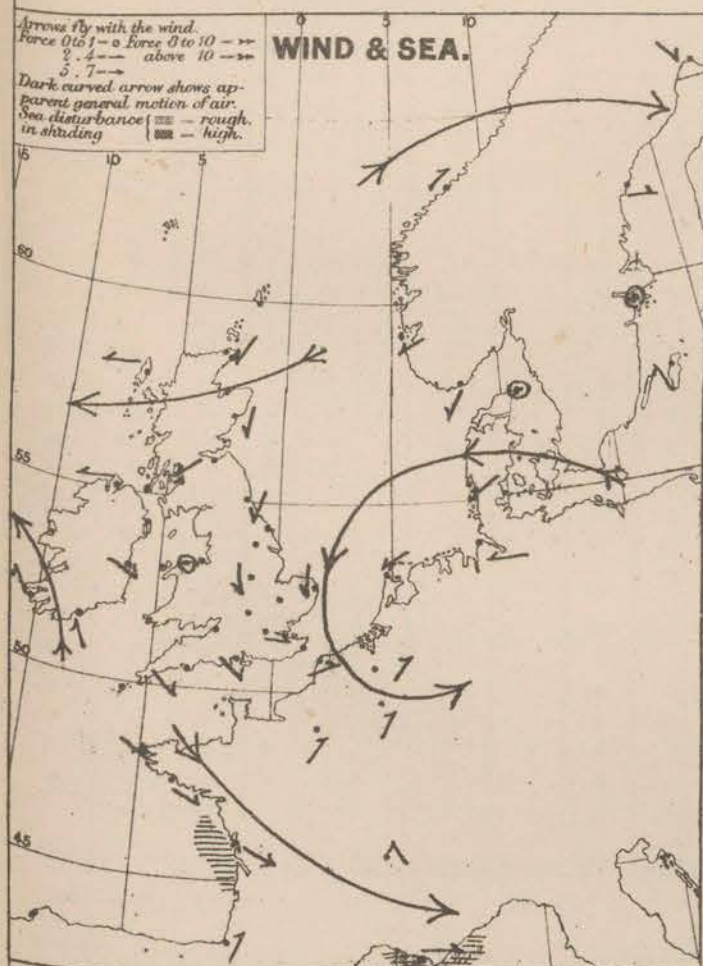
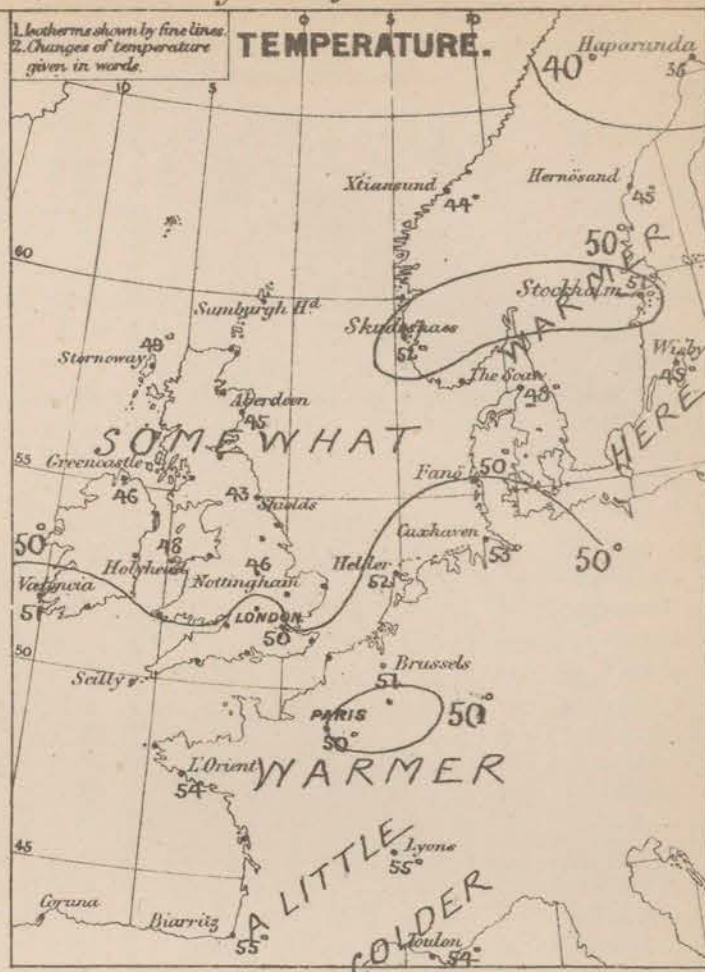
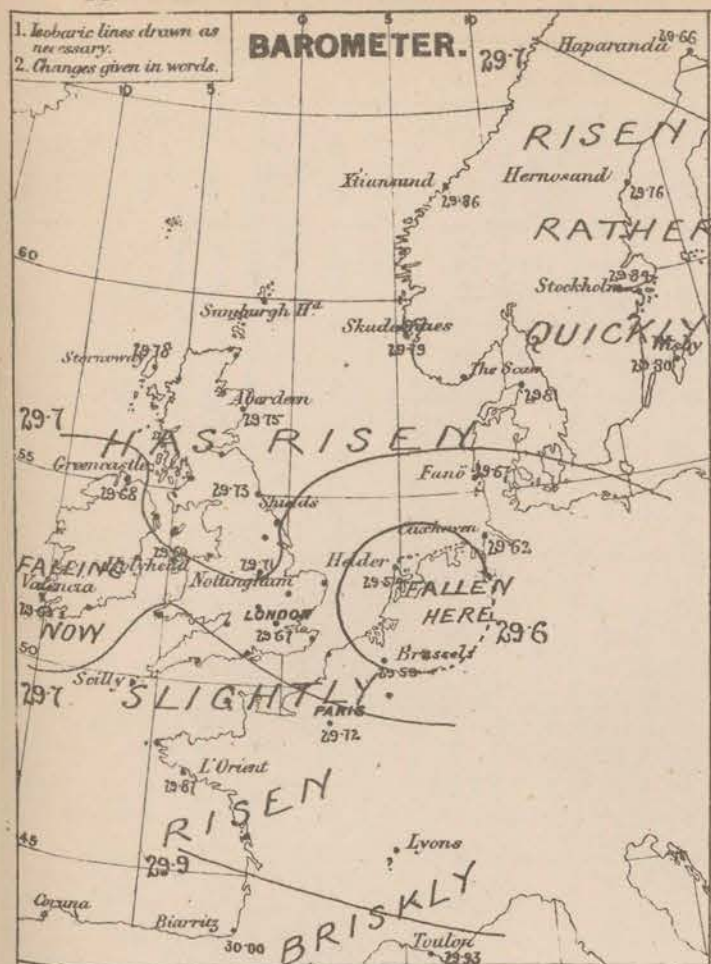
WEATHER.—Beaufort Scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Sunday May 13TH 1877.



REMARKS. Since yesterday pressure has increased rather quickly over France, and to a less extent in our Islands and Scandinavia, but during last night a fresh fall of the barometer has commenced in the S. of Ireland. Gradients are everywhere steep. The winds reported this morning are very variable, those in the N. being E. & W. while those in France and the Channel are W. Over our SE. counties a NW breeze is reported, being part of a circulation round an area of low pressure existing over Holland. A slight rise of temperature has occurred in most places, but in the S. of France the weather is a little colder. Rain has again fallen, except in the W. and N. and the weather is damp and unsettled. Cloudy skies are reported from nearly all places, except over the Baltic, where it is fine and clear. The sea is moderate to slight.

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

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

R. H. SCOTT.
Director.

Langerfeldt Inn, 22 Bedford St. Covent Garden

DAILY WEATHER REPORT MAY 14th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.77	36	SSE	2	o	29.78	+ .12	36	33	o	SW	2	6	*	*	*	-	
Hernösand ...	29.83	42	W	2	f	29.87	+ .11	46	39	+ 1	Z	o	6	*	*	*	-	
Stockholm ...	29.84	45	SE	4	f	29.71	- .23	42	42	- 9	NE	6	7	*	*	*	-	
Wisby ...	29.82	43	ESE	4	bc	29.59	- .21	43	42	- 2	SE	6	o	*	*	*	0.24	
Christiansund ...	29.89	43	N	2	f	29.90	+ .01	45	40	+ 1	E	3	6	2	44	34	-	
Skudesnaes ...	29.77	51	NNE	2	bc	29.69	- .10	53	44	+ 1	NNE	2	o	2	59	50	-	
Oxö (Xiansand) ...	29.73	51	NE	4	c	29.63	- .15	47	46	- 1	NE	4	8	3	52	28	-	
Skagen (The Seaw) ...	29.72	50	E.	4	o	29.56	- .25	43	42	- 5	ENE	5	7	4	57	41	0.16	
Fanö ...	29.57	48	SSE	4	o	29.57	+ .76	46	46	- 4	NNE	2	f	*	52	45	0.39	
Cuxhaven ...	29.60	?	SSE	2	f	29.53	- .09	52	51	- 1	W	5	o	*	*	47	0.57	
Sumburgh Head ...																		
Stornoway ...	29.75	48	ENE	5	f	29.68	- .10	50	47	+ 1	ESE	4	6	4	57	41	-	
Thurso ...	29.80	47	ENE	3	f	29.75	- .07	48	46	+ 3	ESE	2	c	3	52	43	-	
Wick ...	29.84	46	NE	3	o	29.76	- .03	47	45	+ 1	E	3	o	1	51	40	-	
Nairn ...	29.80	43	ENE	2	c	29.71	- .09	46	43	+ 1	ENE	2	bc	2	48	41	0.01	
Aberdeen ...	29.75	45	NNE	2	mv	29.70	- .05	46	45	+ 1	NNE	2	bc	1	46	42	0.01	
Leith ...	29.73	44	ESE	1	f	29.69	- .05	43	42	- 3	SE	2	o	*	48	40	0.01	
Shields ...	29.73	43	E	2	c	29.70	- .03	41	40	- 2	ENE	1	d	3	49	40	-	
York ...	29.71	52	NE	1	c	29.70	- .01	44	43	- 3	NE	1	o	*	56	40	-	
Scarborough ...	29.66	45	E	1	o	29.71	+ .01	44	43	+ 2	NNE	2	o	2	47	43	-	
Nottingham ...	29.70	55	SSE	1	o	29.68	- .03	45	45	- 1	SSE	3	ow	*	57	40	-	
Ardrossan ...	29.69	52	ENE	3	f	29.65	- .08	47	44	- 1	ENE	3	bc	2	58	43	-	
Greencastle ...	29.65	53	ENE	2	bc	29.56	- .12	48	46	+ 2	E	2	o	*	56	43	-	
Donaghadee ...	29.69	49	E	3	o	29.61	- .10	48	47	o	ESE	4	o	3	53	44	0.08	
Kingstown ...	29.66	52	SSE	3	c	29.54	- .15	50	49	+ 2	SE	4	cm	3	53	47	0.02	
Holyhead ...	29.70	56	SW	1	bc	29.56	- .13	52	51	+ 4	E	1	o	0	59	47	-	
Liverpool (Bidston) ...	29.68	50	NN	1	o	29.61	- .09	49	47	+ 1	E	3	m	1	57	47	-	
Valencia ...	29.42	50	SE	7	f	29.42	- .21	53	52	+ 1	SE	1	o	2	55	48	0.35	
Roche's Point... ..	29.60	54	S	4	o	29.47	- .20	52	50	- 3	SE	5	o	4	60	50	0.15	
Pembroke ...	29.78	54	SSE	2	bc	29.49	- .22	49	48	- 1	SSE	5	o	4	58	47	0.06	
Portishead ...	29.68	53	W	3	c	29.58	- .10	51	50	+ 1	ESE	4	o	3	60	45	-	
Scilly ...																		
Plymouth ...	29.72	54	SE	2	o	29.52	- .20	49	49	- 4	SE	2	o	*	60	48	0.50	
Hurst Castle ...	29.73	53	W	4	f	29.62	- .11	51	50	- 1	ESE	3	o	2	56	48	0.06	
Dover ...	29.71	53	W	2	o	29.67	+ .04	50	48	- 2	S	2	c	1	56	46	0.03	
London ...	29.72	57	NNW	1	c	29.66	- .01	49	47	- 1	SE	1	ow	*	59	45	0.01	
Oxford ...	*	*	*	*	*	29.67	.00	51	49	- 1	SSE	1	m	*	59	45	0.02	
Cambridge ...	29.72	51	N	1	o	29.67	+ .01	48	47	o	NE	1	o	*	54	40	0.01	
Yarmouth ...	29.68	46	NW	3	o	29.69	+ .08	44	43	- 2	Z	o	cm	2	48	42	0.06	
The Helder... ..	*	*	*	*	*	29.66	+ .12	48	47	- 4	W	2	c	*	*	*	0.28	
Cape Gris Nez ...	29.74	50	WSW	4	o	29.69	+ .05	52	50	+ 4	S	2	o	1	54	45	-	
Brest ...	29.75	57	S	4	f	29.59	- .24	54	52	+ 2	W	3	m	5	57	48	1.02	
L'Orient ...																		
Rochefort ...	29.84	59	SW	1	o	29.72	- .12	57	55	+ 2	WSW	5	o	4	61	41	-	
Biarritz ...	29.76	64	SSE	2	o	29.76	- .24	64	63	+ 9	SSW	3	6	3	70	48	0.08	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.72	+ .13	52	*	+ 1	WSW	3	o	*	*	*	0.58	
Charleville ...	*	*	*	*	*	29.71	+ .08	49	*	o	SW	3	o	*	*	*	*	
Paris ...	29.83	57	W	3	c	29.69	- .03	50	*	o	ESE	3	f	*	*	*	0.20	
Lyons ...	*	*	*	*	*	29.83	- .10	60	*	+ 5	S	4	p	*	*	*	*	
Toulon ...	29.99	57	NNW	5	f	29.97	+ .02	54	50	o	E	3	o	3	64	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.78	57	47	ENE	2	c	1	Valencia							
Thurso								Scilly							
Scarborough ...								London					*		
Greencastle ...							*	Rochefort ...	29.94	61	57	W	4	c	3
Holyhead															

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT

MAY 15th 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.	
			Direc.	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.	Direc.	Force. (0 to 15).			Max.	Min.		
Haparanda ...	29.89	37	Z	0	bc	29.92	+ .14	39	36	+ 3	N	2	f	*	*	*	-	
Hernösand ...	29.82	42	NE	2	bc	29.86	- .01	40	35	- 6	NE	8	o	*	*	*	-	
Stockholm ...	29.60	41	NE	6	f	29.60	- .11	40	40	- 2	NNE	2	o	*	*	*	0.16	
Wisby ...	29.58	41	NW	6	f	29.60	+ .01	44	43	+ 1	SW	5	o	*	*	*	-	
Christiansund ...	29.85	42	NE	6	f	29.77	- .13	46	40	+ 1	E	4	f	2	46	37	-	
Skudesnaes ...	29.70	51	E	2	o	29.81	+ .12	49	44	+ 4	WSW	2	o	2	54	?	-	
Oxö (Tiansand) ...	29.63	41	NE	6	f	29.74	+ .11	42	40	- 5	NNE	6	c	4	46	39	-	
Skagen (The Seaw) ...	29.60	43	ESE	5	f	29.72	+ .16	41	40	- 2	E	4	o	3	46	37	0.08	
Fanö ...	29.60	46	WSW	4	o	29.63	+ .12	46	46	0	W	4	c	*	52	45	-	
Cuxhaven ...	29.67	4	W	3	o	29.71	+ .18	50	49	- 2	NW	1	bc	*	41	46	-	
Sumburgh Head ...																		
Stornoway ...	29.66	57	ESE	2	bc	29.71	+ .03	53	50	+ 3	ESE	1	f	3	59	44	-	
Thurso ...	29.74	49	E	3	f	29.76	+ .01	47	46	- 1	SE	2	c	2	57	43	-	
Wick ...	29.66	47	E	?	f	29.79	+ .03	46	45	- 1	SE	2	m	1	53	37	-	
Nairn ...	29.70	50	ESE	1	f	29.75	+ .04	44	40	- 2	Z	0	f	0	52	37	-	
Aberdeen ...	29.72	46	ESE	2	f	29.78	+ .08	44	43	- 2	SE	1	m	1	52	37	-	
Leith ...	29.67	47	E	2	bc	29.88	+ .21	46	44	+ 3	E	2	c	*	51	41	-	
Shields ...	29.72	44	ESE	3	o	29.80	+ .10	44	43	+ 3	E	1	o	2	45	40	-	
York ...	29.70	48	E	1	o	29.80	+ .10	46	44	+ 2	SSE	1	f	*	50	42	0.01	
Scarborough ...	29.71	44	N	2	o	29.81	+ .10	46	45	+ 2	ESE	2	o	2	46	42	-	
Nottingham ...	29.68	49	SE	2	o	29.80	+ .12	45	45	0	Z	0	f	*	52	42	0.18	
Ardrossan ...	29.63	55	ESE	3	o	29.73	+ .08	47	45	0	ESE	2	m	2	57	43	-	
Greencastle ...	29.57	56	ESE	2	o	29.71	+ .15	47	46	- 1	W	1	f	*	60	45	0.47	
Donaghadee ...	29.62	53	SSE	4	f	29.73	+ .12	47	47	- 1	ESE	3	f	3	56	45	-	
Kingstown ...	29.58	54	SE	2	o	29.76	+ .22	50	47	0	WNW	4	bc	3	55	46	0.03	
Holyhead ...	29.59	53	E	2	o	29.75	+ .19	49	48	- 3	W	3	c	3	59	47	0.18	
Liverpool (Bidston) ...	29.63	51	E	3	o	29.74	+ .13	47	46	- 2	WSW	2	f	2	56	45	0.12	
Valencia ...	29.65	54	W	4	f	29.80	+ .38	53	50	0	SW	4	bc	4	57	44	0.13	
Roche's Point ...	29.61	51	NW	5	o	29.82	+ .35	52	49	0	WSW	4	bc	4	59	45	0.10	
Pembroke ...	29.57	51	SW	2	o	29.74	+ .35	52	50	+ 3	WSW	3	f	3	52	?	0.08	
Portishead ...	29.61	52	ESE	3	o	29.83	+ .25	51	48	0	W	6	bc	5	55	47	0.22	
Scilly ...																		
Plymouth ...	29.61	55	SW	2	o	29.90	+ .38	54	52	+ 5	WSW	4	bc	*	57	47	0.10	
Hurst Castle ...	29.62	52	ESE	3	f	29.87	+ .25	54	52	+ 3	W	5	c	5	54	48	0.15	
Dover ...	29.64	52	ESE	2	bc	29.78	+ .11	51	50	+ 1	SW	1	c	0	55	50	0.05	
London ...	29.64	55	ESE	1	o	29.80	+ .14	52	51	+ 3	SW	3	gp	*	56	48	0.12	
Oxford ...						29.80	+ .13	53	50	+ 2	W	4	o	*	59	50	0.13	
Cambridge ...	29.65	55	ESE	1	o	29.80	+ .13	54	48	+ 2	ESE	1	f	*	64	45	0.01	
Yarmouth ...	29.68	46	ESE	2	o	29.78	+ .11	45	44	+ 1	NE	1	m	*	48	43	-	
The Helder ...						29.78	+ .12	48	46	0	Z	0	c	*	*	*	-	
Cape Gris Nez ...	29.67	52	NE	1	o	29.86	+ .13	52	52	0	SW	3	f	2	55	48	0.08	
Brest ...	29.82	59	NW	4	f	30.04	+ .45	52	50	- 2	WSW	4	o	5	?	48	0.30	
L'Orient ...	29.81	54	WNW	6	o	30.09	+ .47	54	50	0	W	4	bc	5	59	48	0.04	
Roche fort ...	29.83	61	W	6	f	30.12	+ .40	57	55	0	NW	4	bc	3	63	43	-	
Biarritz ...	30.05	63	WNW	4	f	30.23	+ .47	55	52	- 9	W	3	c	3	68	48	0.12	
Corunna ...																		
Brussels ...						29.80	+ .08	53		+ 1	WSW	3	o	*	*	*	0.06	
Charleville ...						29.78	+ .02	53		+ 4	WSW	3	o	*	*	*	*	
Paris ...	29.67	58	W	3	c	29.92	+ .23	52		+ 2	WNW	4	o	*	*	*	0.04	
Lyons ...						29.91	+ .08	59		- 1	NW	2	c	*	*	*	*	
Toulon ...	29.92	57	SE	3	m	29.98	+ .01	52	48	- 2	NW	6	f	6	57	?	0.83	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.69	54	47	ESE	4	o	2	Valencia	29.57	53	50	W	4	od	4
Thurso	29.75	54	49	ESE	3	bc	3	Scilly							
Scarborough ...	29.70	44	43	NNE	2	o	3	London	29.63	55	52	ESE	1	or	*
Greencastle ...	29.58	56	51	ESE	2	o	*	Roche fort ...	29.76	61	57	W	6	bc	4
Holyhead	29.59	56	56	S	2	o	1								

Pressure is increasing rather briskly at Valencia, but is almost unchanged elsewhere. The wind has veered to W. in the S. of Ireland, but remains SE^{ly} on our other coast.

EXPLANATION OF COLUMNS.

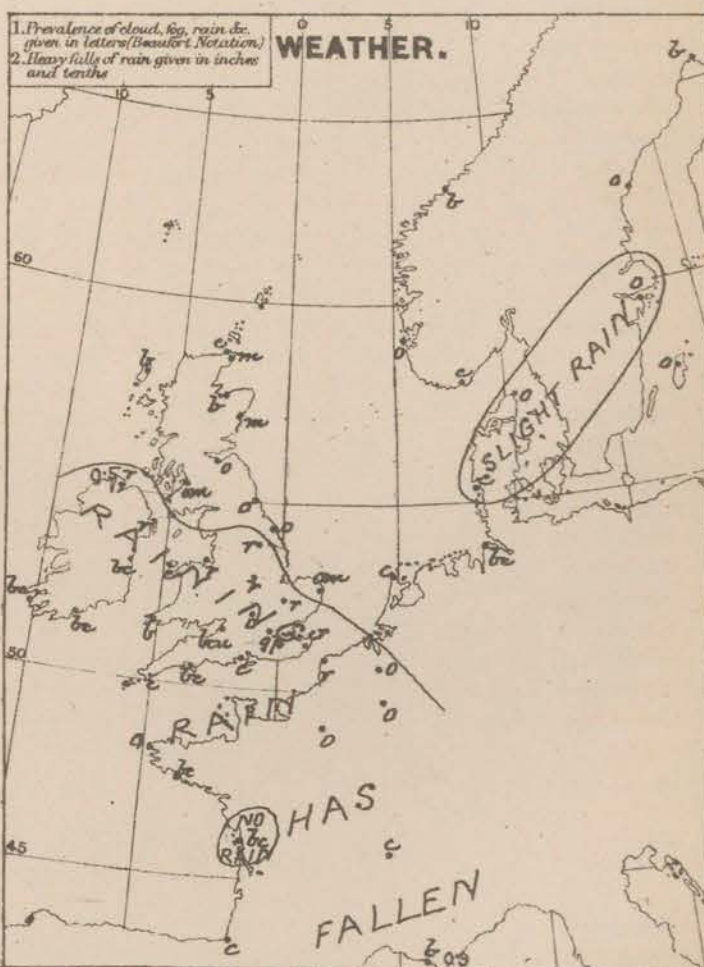
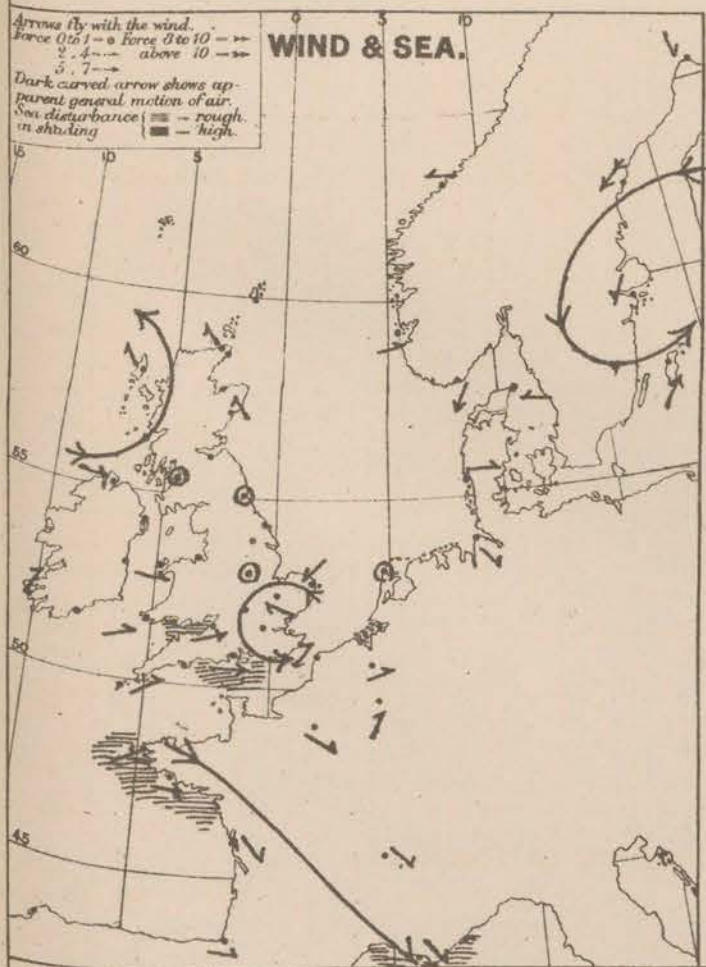
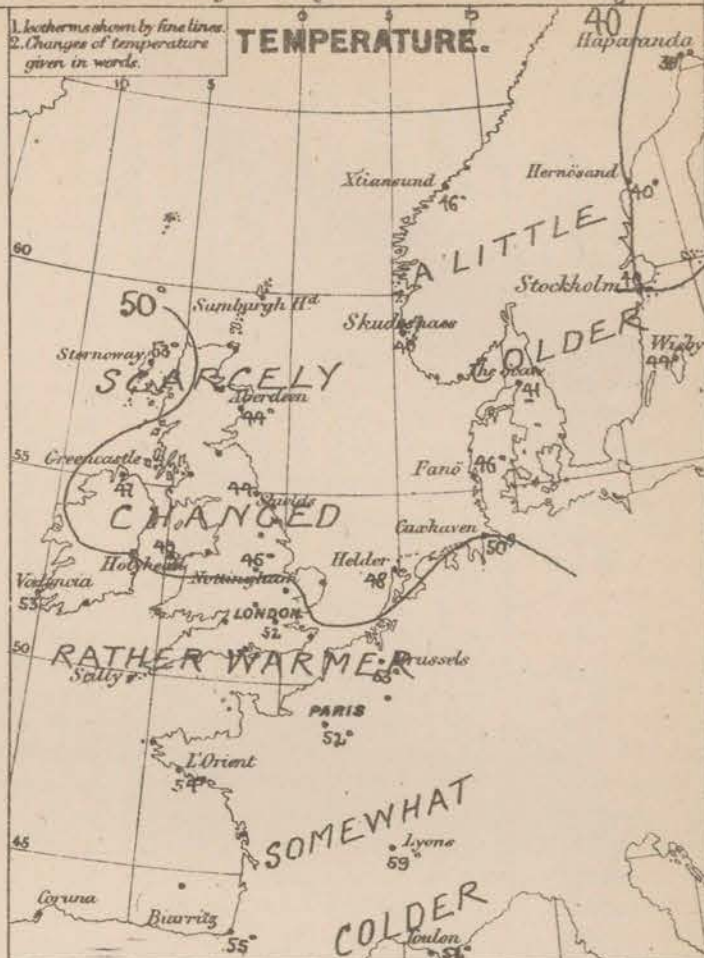
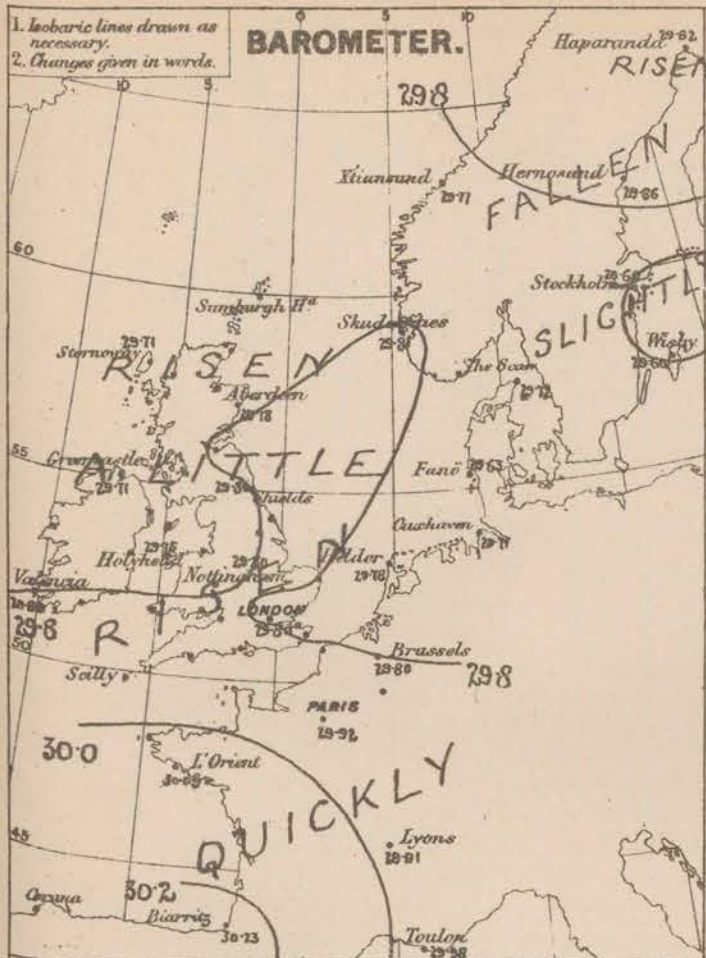
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 May 15th 1877.



REMARKS. During the past 24 hours the barometer has risen from heights of low inches over the Bay of Biscay, and to a less extent over the United Kingdom, while it has fallen a little in some parts of Scandinavia. Pressure is now highest over the Peninsula, while there is a large, but not deep depression off our NW coasts, and a small one over the Baltic. W. (i.e. SW to NW) winds of moderate strength are consequently blowing in the S, light E winds at our N stations, and N to NE breezes in Sweden and Norway. At Helsingfors a NE gale is reported. Temperature has undergone very little change, but is inclined to rise in the S. Well showing weather prevails at all excepting the N stations, where it is dry and fine. The sea is rather rough in the Channel.

DAILY WEATHER REPORT MAY 16TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 12).		Reading at 3 p.m. Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.01	41	Z	0	t	30.01	+ .09	41	?	+ 2	N	2	t	*	*	*	-	
Hernösand ...	29.97	29	NE	4	o	30.07	+ .21	39	36	+ 1	NE	6	r	*	*	*	-	
Stockholm ...	29.80	38	NNW	2	o	29.94	+ .34	38	36	- 2	NNW	2	o	*	*	*	-	
Wisby ...	29.80	42	NE	4	o	29.94	+ .34	39	38	- 5	NNE	4	c	*	*	*	-	
Christiansund ...	29.89	48	ESE	2	t	30.00	+ .23	47	44	+ 1	N	2	t	1	54	39	-	
Skudesnaes ...	29.94	46	NNW	2	o	30.04	+ .23	50	46	+ 1	NNW	2	o	2	?	46	-	
Oxö (Xtiansand) ...	29.93	45	NE	4	o	30.05	+ .31	43	40	+ 1	NE	2	c	2	49	39	-	
Skagen (The Ssaw) ...	29.91	44	E	3	bc	30.07	+ .29	43	40	+ 2	E	2	bc	1	48	37	-	
Fanö ...	29.87	47	NNE	2	o	29.99	+ .36	45	43	- 1	NNE	3	e	*	55	43	-	
Cuxhaven ...	29.86	2	NNW	3	o	30.05	+ .34	57	49	+ 1	NNW	3	o	*	*	46	-	
Samburgh Head																		
Stornoway	29.76	53	SSW	1	r	29.71	.00	52	50	- 1	SSE	1	bc	2	59	47	0.05	
Thurso ...	29.75	54	SSE	4	bc	29.84	+ .08	51	50	+ 4	S	2	t	2	62	46	0.08	
Wick ...	29.79	48	SSE	5	bc	29.86	+ .07	47	46	+ 1	SSE	2	t	2	56	42	0.03	
Nairn ...	29.75	53	N	1	o	29.83	+ .08	48	45	+ 4	Z	0	bc	1	61	40	0.08	
Aberdeen ...	29.84	47	S	3	t	29.88	+ .10	46	44	+ 1	S	1	m	1	57	43	0.06	
Leith ...	29.82	48	SE	2	t	29.88	+ .12	49	47	+ 3	NE	1	c	*	54	40	0.11	
Shields ...	29.86	46	SE	4	o	29.94	+ .14	52	49	+ 8	SW	3	cm	3	52	43	0.08	
York ...	29.88	57	SSE	1	c	29.99	+ .19	52	49	+ 6	S	1	c	*	53	42	0.18	
Scarborough ...	29.88	47	SSE	2	m	29.98	+ .17	56	52	+ 10	SW	2	t	2	56	45	0.06	
Nottingham ...	29.82	55	SW	2	c	30.04	+ .24	55	52	+ 10	SW	3	a	*	58	40	0.08	
Ardrossan ...	29.72	52	SSE	1	t	29.86	+ .13	50	48	+ 3	SSE	1	o	1	54	45	0.12	
Greencastle ...	29.78	48	NE	2	t	29.75	+ .04	50	49	+ 3	S	2	o	*	56	45	0.12	
Donaghadee ...	29.82	55	SE	3	o	29.85	+ .12	52	52	+ 5	SSE	4	bc	3	55	45	0.11	
Kingstown ...	29.85	55	SSW	1	c	29.87	+ .11	52	51	+ 2	S	2	t	2	59	48	0.02	
Holyhead ...	29.90	53	SSW	4	c	29.92	+ .17	52	52	+ 3	S	4	m	3	58	45	-	
Liverpool (Bidston) ...	29.88	56	WSW	0	t	29.96	+ .22	55	50	+ 8	SSE	2	c	1	58	47	0.01	
Valencia ...	29.82	54	SSW	6	c	29.79	- .01	53	51	o	S	5	cg	6	57	47	0.26	
Roche's Point...	29.91	54	SW	4	bc	29.88	+ .06	49	48	- 3	SW	2	r	4	60	48	0.04	
Pembroke ...	29.96	54	WSW	2	t	29.97	+ .13	57	50	- 1	S	4	o	4	56	50	-	
Portishead ...	29.97	52	N	4	bc	30.05	+ .22	54	52	+ 3	S	3	c	2	58	45	-	
Scilly ...																		
Plymouth ...	30.02	56	SW	4	t	30.09	+ .19	53	52	- 1	SSW	2	o	*	61	57	0.11	
Hurst Castle ...	30.00	54	N	4	r	30.12	+ .25	53	53	- 1	N	5	o	5	62	49	0.03	
Dover ...	29.97	54	WSW	4	c	30.10	+ .35	55	52	+ 4	SW	3	c	2	60	47	0.07	
London ...	29.95	60	WSW	2	c	30.11	+ .31	52	49	o	WSW	2	c	*	63	41	-	
Oxford ...	*	*	*	*	*	30.08	+ .28	53	51	o	SW	1	o	*	64	42	0.01	
Cambridge ...	29.89	57	NE	1	bc	30.06	+ .26	52	50	- 2	SW	1	c	*	59	39	0.09	
Yarmouth ...	29.91	47	SSE	1	r	30.07	+ .27	57	50	+ 6	N	2	bc	2	57	43	0.15	
The Helder. ...	*	*	*	*	*	30.06	+ .28	49	48	+ 1	Z	0	c	*	*	*	0.04	
Cape Gris Nez	29.99	52	WSW	6	t	30.16	+ .34	50	48	- 2	SSW	3	o	2	55	48	0.04	
Brest ...	30.17	?	N	3	bc	30.17	+ .13	52	57	+ 2	SW	3	o	5	57	50	-	
L'Orient ...	30.16	55	N	4	bc	30.22	+ .13	54	52	o	SW	4	c	4	59	48	-	
Rochefort ...	30.19	61	N	4	bc	30.25	+ .13	57	54	o	N	4	t	3	63	48	-	
Biarritz ...	30.28	63	NNW	1	bc	30.28	+ .05	52	50	- 1	ESE	1	bc	3	?	43	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.14	+ .34	52	*	- 1	WSW	6	o	*	*	*	0.16	
Charleville ...	*	*	*	*	*	30.15	+ .42	45	*	- 8	SW	3	o	*	*	*	*	
Paris ...	30.08	63	N	4	bc	30.23	+ .31	49	*	- 3	N	3	o	*	*	*	-	
Lyons ...	*	*	*	*	*	30.26	+ .35	58	*	- 1	N	2	o	*	*	*	*	
Toulon ...	30.00	61	NNW	6	t	30.10	+ .12	54	46	+ 2	NNW	5	t	6	61	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.88	51	? 44	N 1/2 W	4	c	3	Valencia	29.85	55	52	SSW	5	bc pg	5
Thurso	29.75	60	54	SSE	3	t	2	Scilly							
Scarborough ...	29.86	46	45	SSE	2	t	2	London	29.91	60	56	N 1/2 W	3	c	*
Greencastle ...	29.77	53	50	E	2	o	*	Rochefort ...	30.15	63	55	W	4	bc	3
Holyhead	29.86	56	55	SW	4	t	3								

The barometer continues to rise generally - most in the N. and SW., and the weather has improved at the English stations.

EXPLANATION OF COLUMNS.

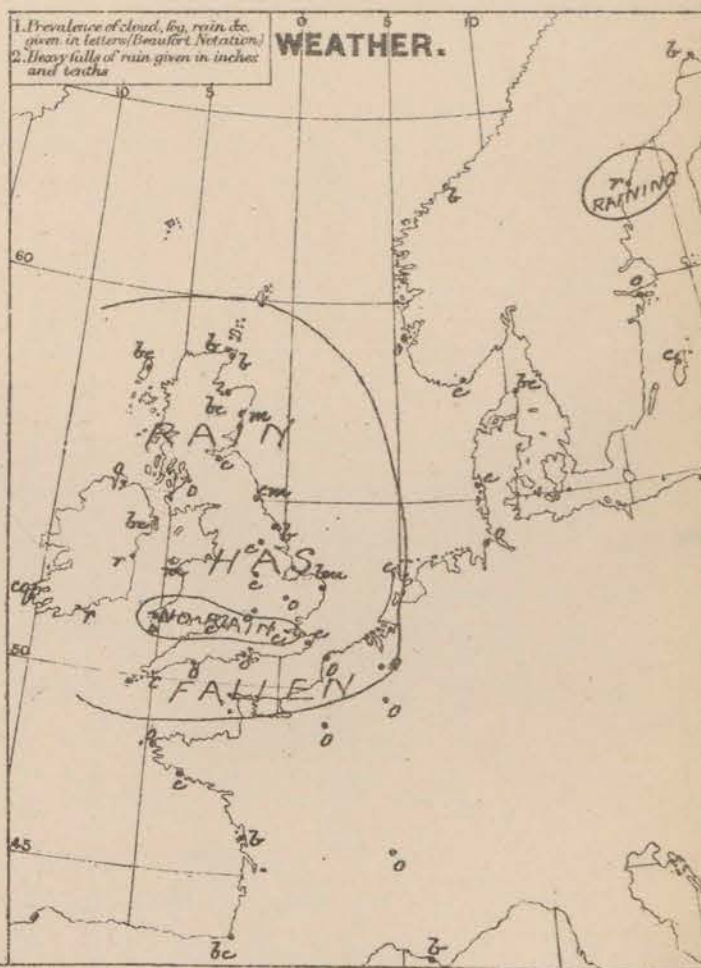
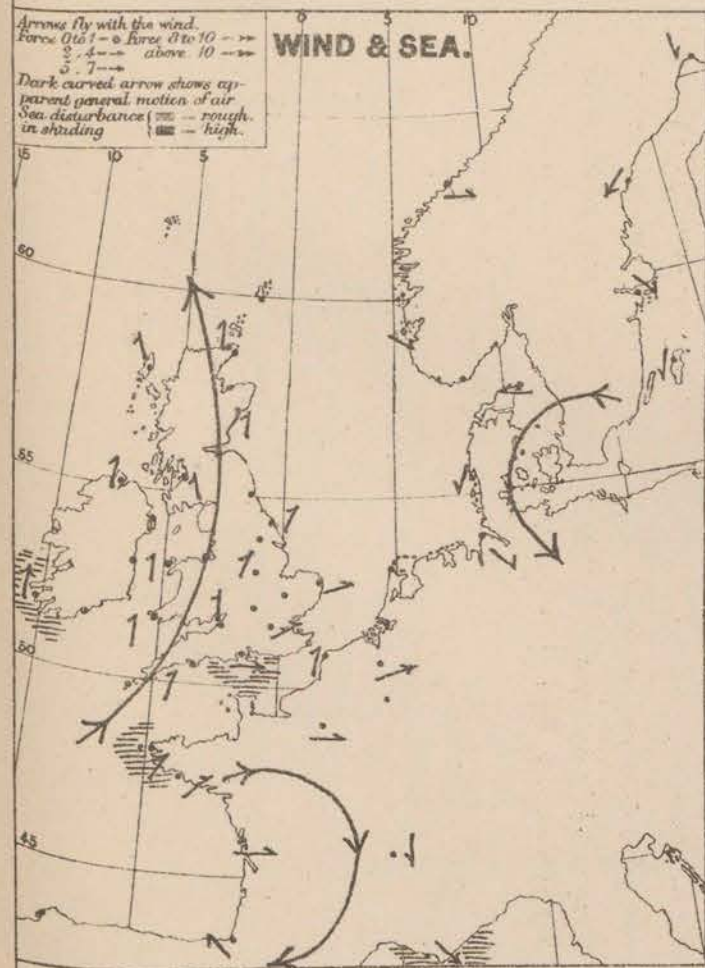
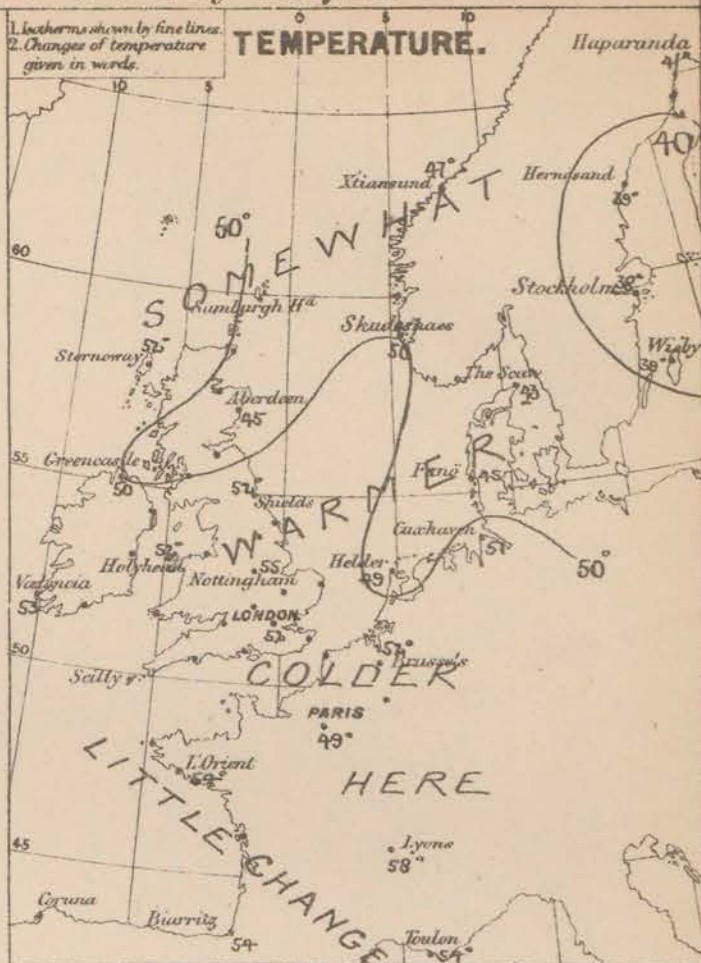
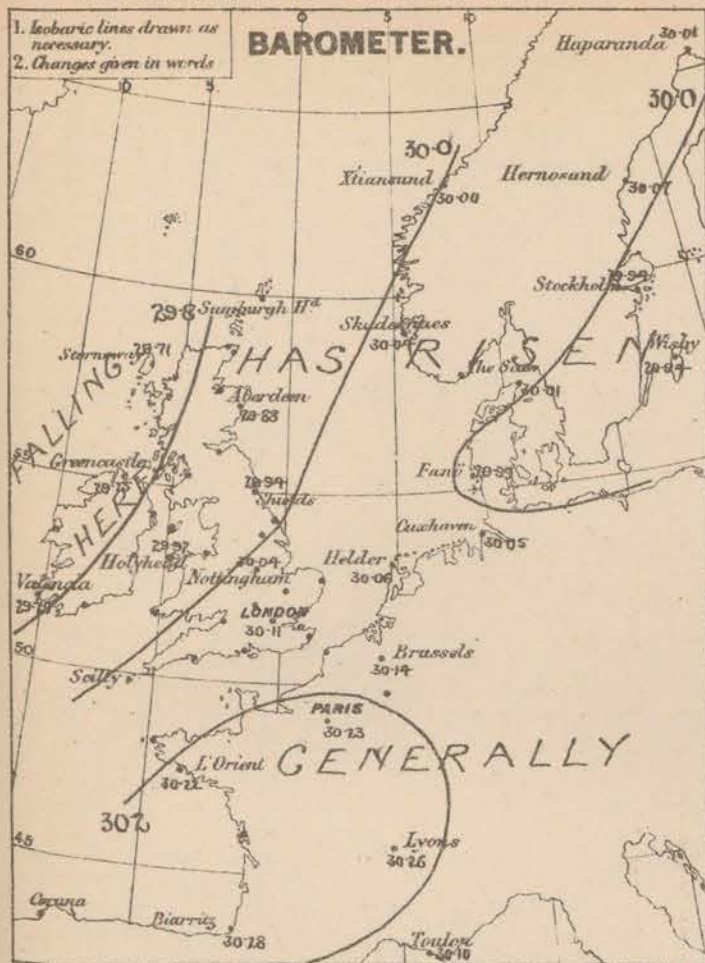
WEATHER.—Beaufort scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Wednesday May. 16TH 1877.



REMARKS. A slight decrease of pressure has set in during the past night on our extreme W^d and N^d coasts, but in all other parts of W^d Europe the barometer is rising, the greatest increase being reported from our SE^d stations. An area of high readings lies over France, while the lowest pressures are found off our NW^d coasts, so that over the Channel, and nearly all our stations W^d to SW^d winds are felt, while in the SE of France the wind draws into the N^d; and at Marseilles into SE. On the E^d shores of the North Sea the wind is more variable, and in all places except Valentia and Kinsale is moderate or light in force. Temperature has risen except in the Netherlands, and is very uniform over these Islands. Rain has fallen except in France, and this evening the weather is cloudy and showery. The sea is rough off the W. of Ireland, rather so in the Channel, slight elsewhere.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT MAY 17th 1877.

STATIONS.	† YESTERDAY EVENING.					6 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 5 p.m. and Sea Level.	Temp. in shade.	Wind.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 6 a.m. and Sea Level.	Difference from 5 a.m. yesterday.	Dry.	Wet.	Difference from 5 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.22	38	Z	0	b	30.29	+ .28	41	35	0	N	2	b	*	*	*	-	
Hernösand ...	30.17	41	NE	2	c	30.21	+ .14	43	38	+ 4	NE	2	bc	*	*	*	-	
Stockholm ...	30.18	40	NW	2	c	30.07	+ .13	40	39	+ 2	Z	0	o	*	*	*	-	
Visby ...	29.98	38	NE	4	b	30.02	+ .08	38	38	- 1	NNW	4	o	*	*	*	-	
Christiansund ...	30.10	45	NNE	1	b	30.10	+ .00	48	44	+ 1	ENE	3	o	1	48	37	-	
Skudesnaes ...	30.08	47	NNW	1	o	30.07	+ .03	50	48	0	ESE	2	b	2	50	46	-	
Oxö (Tjäsand) ...	30.09	46	NN	2	c	30.10	+ .05	42	41	- 1	NNE	2	c	2	48	39	-	
Skagen (The Sea) ...	30.01	46	NE	3	c	30.07	+ .06	45	43	+ 2	NE	2	c	0	54	41	-	
Fanö ...	30.08	44	NNW	2	c	30.11	+ .12	52	48	+ 7	SSE	2	c	*	52	41	-	
Cuxhaven ...	30.13	4	NN	2	b	30.13	+ .08	55	53	+ 4	SSE	1	b	*	4	45	-	
Sumburgh Head																		
Stornoway	29.76	53	NNE	1	o	29.68	- .08	52	50	0	S	1	o	3	58	46	0.09	
Thurso ...	29.82	55	SSE	4	bc	29.76	- .08	49	47	- 2	SSE	2	cm	2	63	44	0.04	
Wick ...	29.85	48	SSE	4	b	29.79	- .07	45	45	- 2	SSE	2	f	2	54	43	-	
Nairn ...	29.81	56	Z	0	b	29.70	- .13	54	48	+ 6	Z	0	b	0	63	48	-	
Aberdeen ...	29.87	49	S	3	b	29.80	- .08	53	50	+ 8	SSE	2	c	2	56	44	-	
Leith ...	29.84	57	SSW	3	c	29.77	- .11	56	52	+ 7	SSE	2	bc	*	64	48	-	
Shields ...	29.92	54	S	4	c	29.81	- .13	52	48	0	SE	2	o	2	60	47	0.02	
York ...	29.98	53	S	1	c	29.83	- .16	53	52	+ 1	SSE	1	o	*	64	46	0.02	
Scarborough ...	29.96	55	SW	2	c	29.82	- .16	52	51	- 4	SSE	2	m	2	60	48	0.02	
Nottingham ...	30.00	55	S	3	+	29.83	- .21	53	52	- 2	SSE	4	+	*	63	48	0.12	
Ardrossan ...	29.82	55	SSE	3	b	29.74	- .12	51	49	+ 1	SSE	2	o	2	58	49	0.01	
Greencastle ...	29.71	56	S	2	o	29.66	- .09	50	49	0	S	2	o	*	61	49	0.06	
Donaghadee ...	29.80	55	SSW	4	+	29.72	- .13	49	49	- 3	SSE	3	+	3	59	47	0.09	
Kingstown ...	29.84	59	SSW	4	c	29.67	- .20	51	50	- 1	E	4	bc	3	60	50	0.25	
Holyhead ...	29.90	55	SSW	5	bc	29.67	- .25	51	51	- 1	E	3	+	2	59	50	0.18	
Liverpool (Bidston) ...	?	58	SW	3	bc	29.72	- .24	51	51	- 4	ESE	2	+	2	61	49	0.02	
Valencia ...	29.80	54	S	6	o	29.70	- .09	55	52	+ 2	NNW	3	bc	3	57	48	0.03	
Roche's Point ...	29.88	55	SW	3	c	29.65	- .23	52	49	+ 3	NNW	3	bc	3	58	48	0.09	
Pembroke ...	29.94	53	SW	3	o	29.55	- .42	58	49	- 1	SE	5	ff	4	57	47	0.08	
Portishead ...	30.01	55	WSW	3	o	29.71	- .34	50	49	- 4	SE	7	ff	4	61	47	0.03	
Scilly ...																		
Plymouth ...	30.02	53	S	4	o	29.68	- .41	52	52	- 1	SE	6	ff	*	58	49	0.76	
Hurst Castle ...	30.09	55	SW	4	o	29.84	- .28	51	51	- 2	SSE	6	+	6	55	49	0.68	
Dover ...	30.12	52	WSW	3	b	29.98	- .15	52	51	- 3	SW	3	ff	3	57	50	0.02	
London ...	30.08	57	SSW	3	o	29.92	- .19	52	51	0	S	3	ff	*	61	52	0.28	
Oxford ...	*	*	*	*	*	29.85	- .23	51	50	- 2	SSE	2	+	*	62	51	0.06	
Cambridge ...	30.04	55	SW	1	bc	29.89	- .19	53	52	+ 1	S	1	+	*	64	49	0.06	
Yarmouth ...	30.05	58	SW	2	b	29.96	- .11	51	50	0	S	3	odp	2	59	49	0.04	
The Helder ...	*	*	*	*	*	29.04	- .02	54	53	+ 5	S	2	bc	*	*	*	-	
Cape Gris Nez	30.15	55	SW	2	b	29.99	- .17	55	52	+ 5	S	3	o	2	57	48	-	
Brest ...	30.15	59	SW	3	m	29.84	- .23	54	54	0	SW	5	m	6	2	48	0.55	
L'Orient ...																		
Rochefort ...	30.19	61	N	2	c	30.01	- .24	59	55	+ 2	SSE	3	o	3	64	46	-	
Biarritz ...	30.17	66	ENE	3	bc	30.06	- .22	64	59	+ 10	ENE	1	o	4	72	50	-	
Corunna ...	*	*	*	*	*				*						*	*	*	
Brussels ...	*	*	*	*	*	30.08	- .06	58	*	+ 6	SW	?	o	*	*	*	-	
Charleville ...	*	*	*	*	*	30.09	- .06	54	*	+ 9	NNE	3	b	*	*	*	*	
Paris ...	30.17	61	SW	3	o	30.08	- .15	52	*	+ 3	SE	3	o	*	*	*	-	
Lyons ...	*	*	*	*	*	30.21	- .05	55	*	- 3	NE	?	?	*	*	*	*	
Toulon ...	30.08	61	NN	5	o	30.18	0.00	59	50	+ 5	NN	1	o	4	70	54	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.09	49	43	NNW	2	o	2	Valencia	29.81	56	53	S	7	cm	6
Thurso	29.82	61	57	SSE	3	bc	3	Scilly							
Scarborough ...	29.97	52	50	SSE	1	c	2	London	30.09	59	56	S	2	c	*
Greencastle ...	29.73	55	52	SW	2	o	*	Rochefort ...	30.48	64	57	W	2	c	3
Holyhead	29.91	56	55	SSW	5	c	4								

A slight depression apparently lies off our NW Coast, and the barometer is falling rapidly at Valencia. In the S of Ireland the wind is strong and the sea rough.

EXPLANATION OF COLUMNS.

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

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

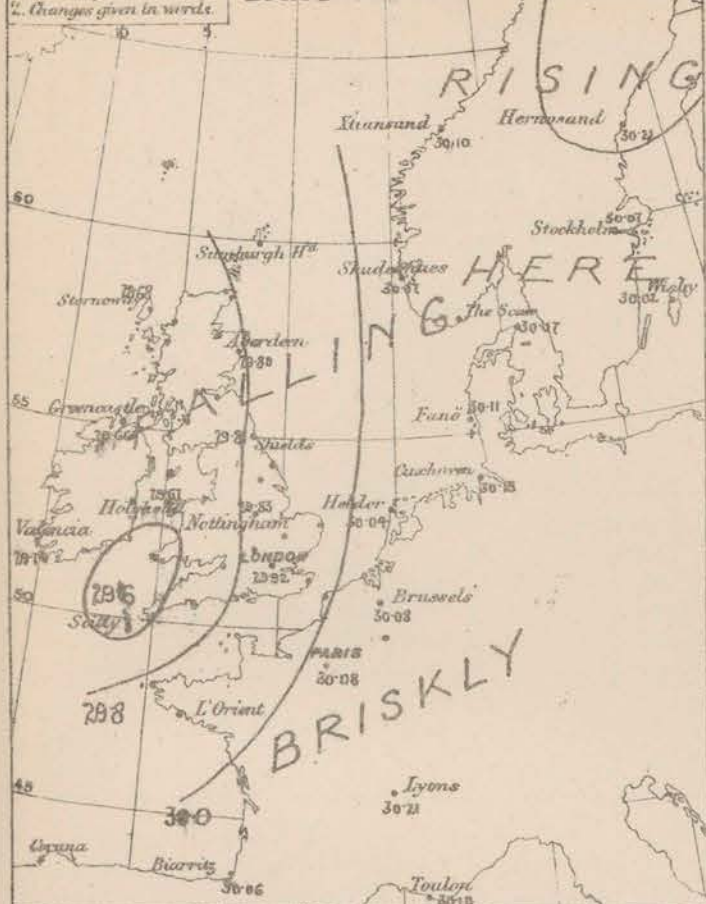
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Thursday May 17th 1877.

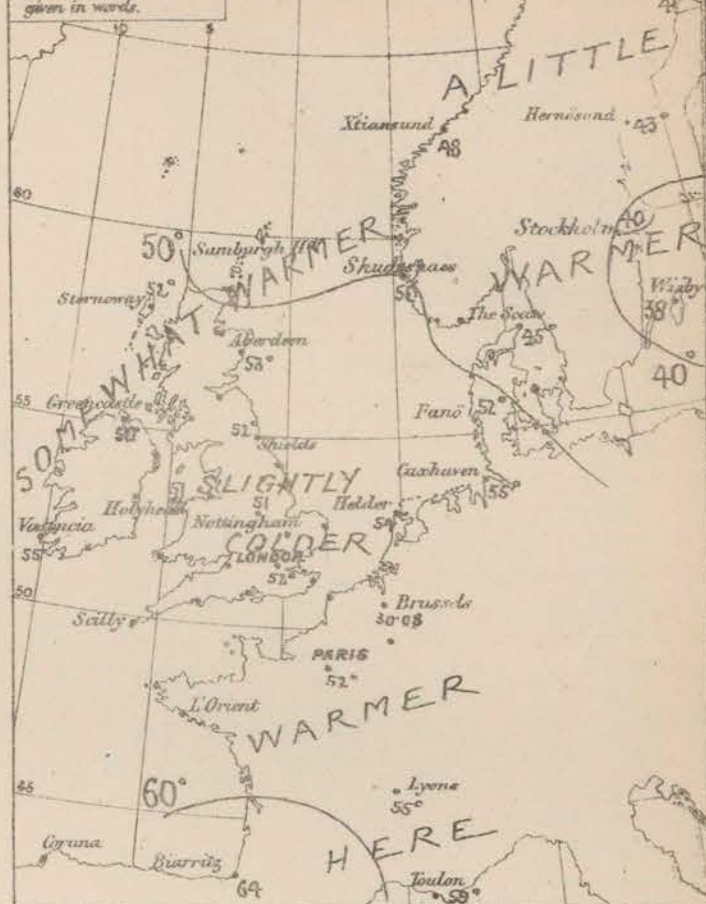
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



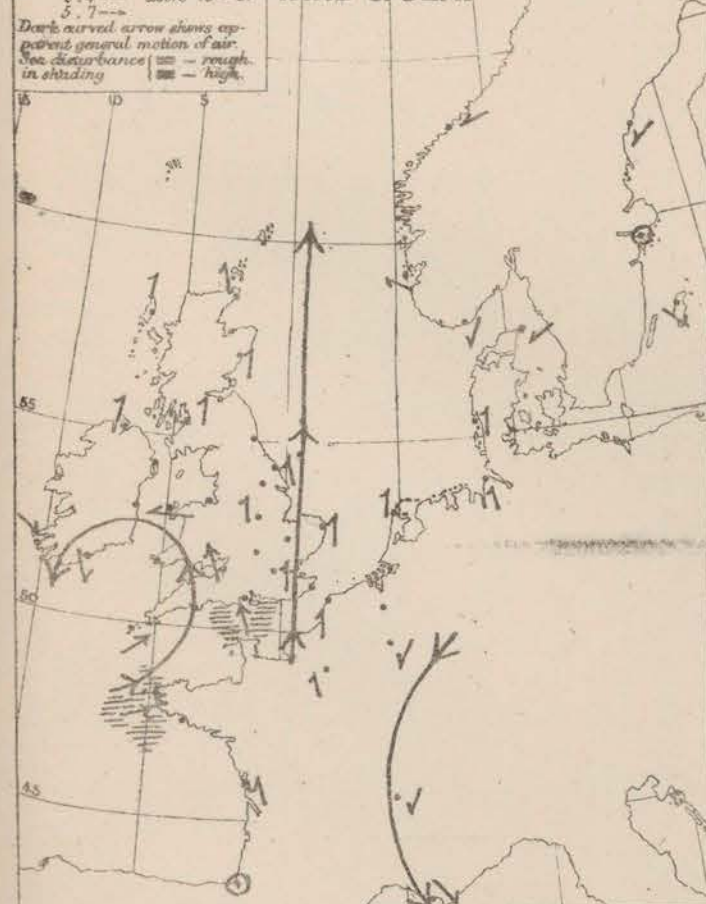
1. Isobars shown by fine lines
2. Changes of temperature given in words.

TEMPERATURE.



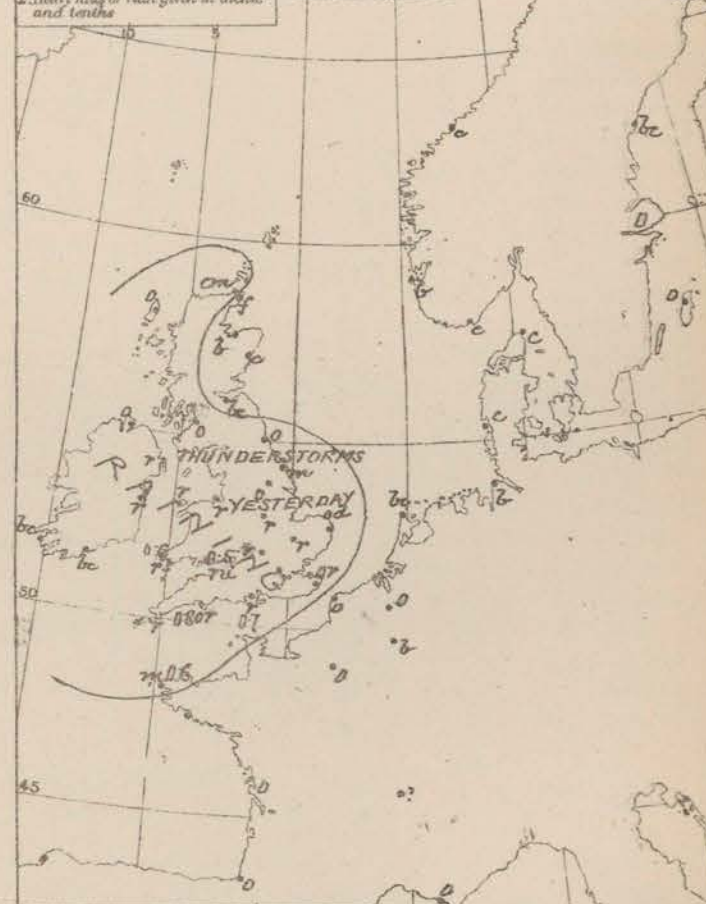
Arrows fly with the wind.
Force 0 to 1 - a large 0 to 10 -
2, 4, 6, 8, 10 - above 10 -
5, 7 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance: [symbol] - rough in shading [symbol] - high.

WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters/figures/notation.
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. During the past night the barometer has fallen very fast on our SW. coasts, and to a smaller extent at our N^o and E^o stations, and the centre of a small, but deep, depression has advanced to the mouth of St. George's Channel from the W^o. Gradients for SW winds are now very steep at the mouth of the English Channel. The wind has increased considerably on our S. and SW. coasts, where it now blows a strong breeze from the SW. and S, while a moderate NW wind is felt in the S. of Ireland, and on E. breeze over the Irish Sea. At our E^o stations the wind is light from the S. Temperature is changing irregularly in our Islands. On the Continent it has risen. Heavy rain is falling over nearly the whole of England. Thunderstorms have occurred in the N^o parts of this Country. In Scotland the weather has been dry, but is dull. The sea is rough in the Channel.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT MAY 18th 1877.

STATION.	1 YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force (9 to 12).			Max.	Min.			
Haparanda ...	29.85	40	Z	0	b	30.10	-.19	37	33	-.4	E	2	0	*	*	*	-		
Hernösand ...	30.13	39	NE	4	o	30.03	-.18	39	37	-.2	NE	2	0	*	*	*	0.04		
Stockholm ...	30.01	41	SW	2	o	29.9	-.08	46	42	-.4	Z	0	c	*	*	*	-		
Wisby ...	30.03	36	NNW	4	b	30.01	-.01	40	39	-.1	N	6	b	*	*	*	-		
Christiansund ...	30.07	47	NE	2	b	29.95	-.15	47	45	-.2	SE	1	b	1	30	39	-		
Skudesnaes ...	29.97	48	SSE	4	c	29.85	-.24	50	45	-.5	ENE	6	0	4	52	45	-		
Oxö (Xtiansand) ...	30.05	45	ENE	4	b	29.95	-.15	45	43	-.2	NE	6	+	3	48	39	-		
Skagen (The Seaw) ...	30.04	45	NE	2	b	29.99	-.08	44	43	-.1	E	3	0	2	61	39	-		
Fanö ...	29.91	53	SE	5	c	29.79	-.32	55	51	-.4	SSE	5	c	*	59	50	-		
Cuxhaven ...	29.97	4	S	2	b	29.82	-.31	55	53	-.2	SSW	1	0	*	6	50	0.03		
Sumburgh Head																			
Stornoway	29.64	51	Z	0	o	29.59	-.09	47	47	0	NNW	1	+	1	54	45	0.55		
Thurso ...	29.68	48	ESE	3	o	29.57	-.19	46	45	-.1	SSE	1	+	1	59	45	0.52		
Wick ...	29.68	45	SSE	3	f	29.55	-.24	46	44	-.2	E	1	+	1	54	44	0.79		
Nairn ...	29.64	52	Z	0	+	29.58	-.12	46	45	-.1	N	1	+	1	61	45	0.68		
Aberdeen ...	29.64	47	SSE	2	+	29.53	-.28	45	46	+.1	NNW	2	+	1	55	46	0.34		
Leith ...	29.53	49	ESE	2	+	29.62	-.15	53	49	-.4	N	4	b	*	59	45	0.67		
Shields ...	29.58	46	SE	5	+	29.71	-.10	53	48	-.5	NNW	6	c	2	53	46	0.32		
York ...	29.57	52	S	1	m	29.80	-.03	53	46	-.7	N	3	b	*	54	46	0.62		
Scarborough ...	29.58	48	SSE	5	+	29.76	-.06	56	55	-.1	NNW	4	b	3	56	46	0.55		
Nottingham ...	29.61	54	NNW	6	c	29.87	+.04	56	51	-.5	SW	5	c	*	56	43	0.20		
Ardrossan ...	29.63	50	NNW	2	c	29.68	-.06	50	47	-.3	NNW	2	p	2	55	49	0.29		
Greenecastle ...	29.55	54	NN	4	c	29.70	+.04	48	46	-.2	N	2	+	*	59	44	0.18		
Donaghadee ...	29.65	50	NNW	4	c	29.74	+.02	48	48	0	N	6	c	4	54	46	0.23		
Kingstown ...	29.70	55	NN	4	c	29.84	+.17	50	48	-.2	N	6	b	5	56	48	0.22		
Holyhead ...	29.69	52	NN	2	b	29.86	+.19	50	50	0	SW	5	+	4	?	48	0.10		
Liverpool (Biston) ...	29.63	52	N	6	b	29.83	+.11	53	48	-.5	NNW	6	c	3	56	48	0.13		
Valencia ...	29.87	54	N	5	o	30.09	+.39	54	50	-.4	N	5	c	5	59	48	0.02		
Roche's Point... ..	29.54	54	NNW	5	b	30.02	+.37	54	49	-.5	NN	5	b	4	60	48	-		
Pembroke ...	29.74	53	SW	4	b	29.98	+.43	51	49	-.2	N	6	b	3	54	49	0.04		
Portishead ...	29.71	54	NNW	7	c	29.98	+.27	52	50	-.2	NNW	4	c	4	58	47	0.05		
Seilly ...																			
Plymouth ...	29.82	56	NN	4	b	30.07	+.39	55	52	-.3	N	4	c	*	60	50	0.01		
Hurst Castle ...	29.73	60	NNW	4	b	30.03	+.19	54	54	0	N	5	c	5	60	48	0.69		
Dover ...	29.72	52	S	4	o	29.95	+.00	59	54	-.5	NNW	3	b	3	59	48	0.16		
London ...	29.66	57	NNW	3	o	29.97	+.05	55	50	-.5	N	3	b	*	57	45	0.18		
Oxford ...	*	*	*	*	*	29.96	+.11	53	50	-.3	N	2	b	*	59	45	0.16		
Cambridge ...	29.61	54	S	2	o	29.92	+.03	54	50	-.4	SW	1	b	*	55	45	0.19		
Yarmouth ...	29.69	50	SSE	5	+	29.90	-.06	53	50	-.3	N	3	b	2	53	45	0.27		
The Helder ...	*	*	*	*	*	29.84	-.20	52	50	-.2	N	2	b	*	*	*	0.24		
Cape Gris Nez	29.75	54	S	5	+	29.99	+.00	52	50	-.2	N	4	b	3	57	50	0.32		
Brest ...	30.04	?	NNW	3	o	30.34	+.40	54	52	-.2	NN	3	b	5	57	52	0.08		
L'Orient ...	30.00	55	N	4	b	30.24	+.31	54	50	-.4	NN	4	b	4	57	48	0.46		
Rocheport ...	30.03	59	N	5	o	30.23	+.22	57	52	-.5	NN	4	b	3	64	48	0.39		
Biarritz ...	30.16	65	NNW	3	o	30.38	+.22	57	55	-.2	N	3	+	3	70	54	0.08		
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*	29.96	-.12	54	*	-.4	N	1	b	*	*	*	0.21		
Charleville ...	*	*	*	*	*	29.94	-.13	54	*	0	NNW	3	o	*	*	*	*		
Paris ...	29.84	57	S	3	+	30.11	+.03	52	*	0	N	3	o	*	*	*	0.08		
Lyons ...	*	*	*	*	*	30.06	+.15	61	*	+.6	NN	2	b	*	*	*	*		
Toulon ...	30.06	61	SW	4	b	30.02	+.08	59	52	-.7	N	5	b	5	70	?	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.00	51	48	SSE	6	b	4	Valencia	29.82	57	53	N	4	b	4.
Thurso	29.70	56	57	ESE	4	m	3	Scilly							
Scarborough ...	29.67	49	48	SSE	6	+	3	London	29.72	54	54	SSE	3	or	*
Greencastle ...	29.63	56	57	SE	1	o	*	Rocheport ...	30.03	59	55	NW	5	o	4
Holyhead	29.63	53	53	NW	3	c	2								

The center of the depression noticed in the SW. this morning is apparently moving NEward so that the barometer is rising quickly on our SW. coasts, where also the wind has shifted to NN. with fine weather. In the East the mercury still falls and the weather is wet.

EXPLANATION OF COLUMNS.

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

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

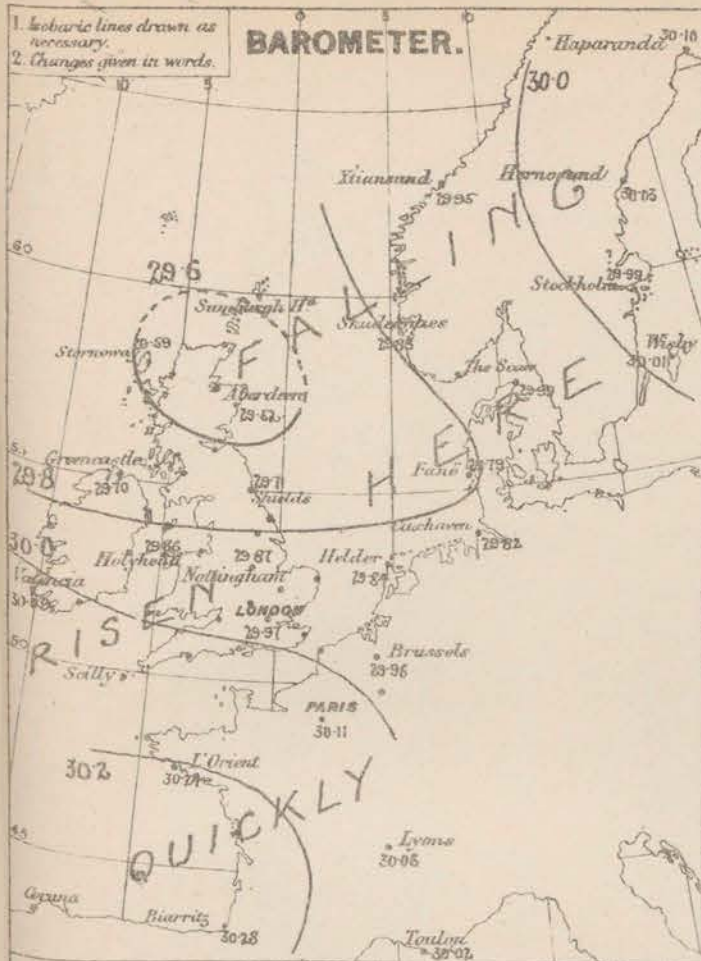
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 May 18th 1877.

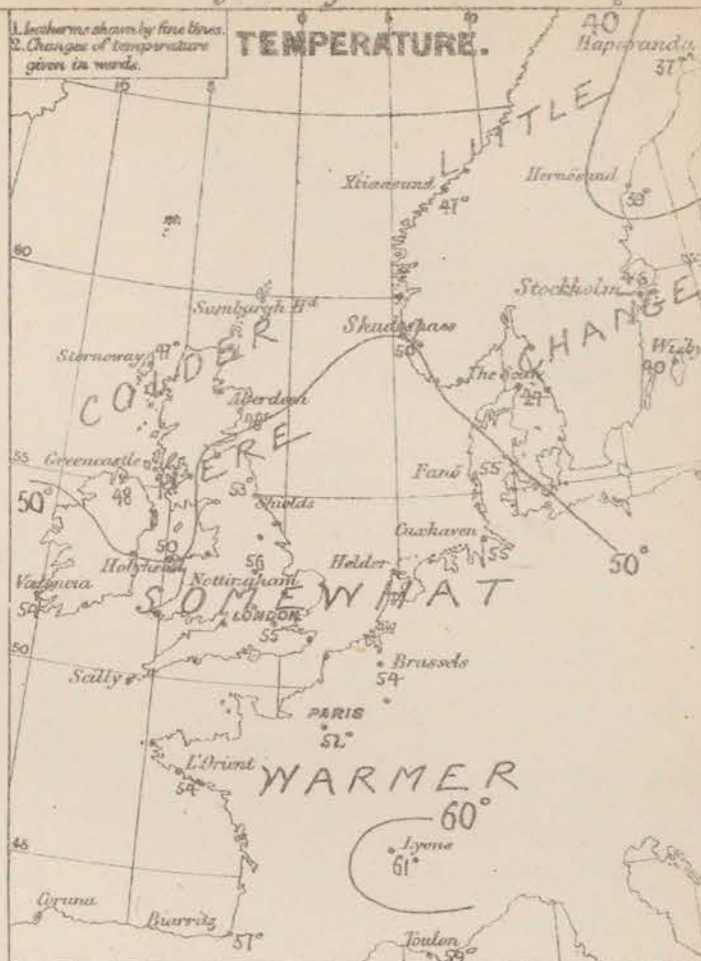
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



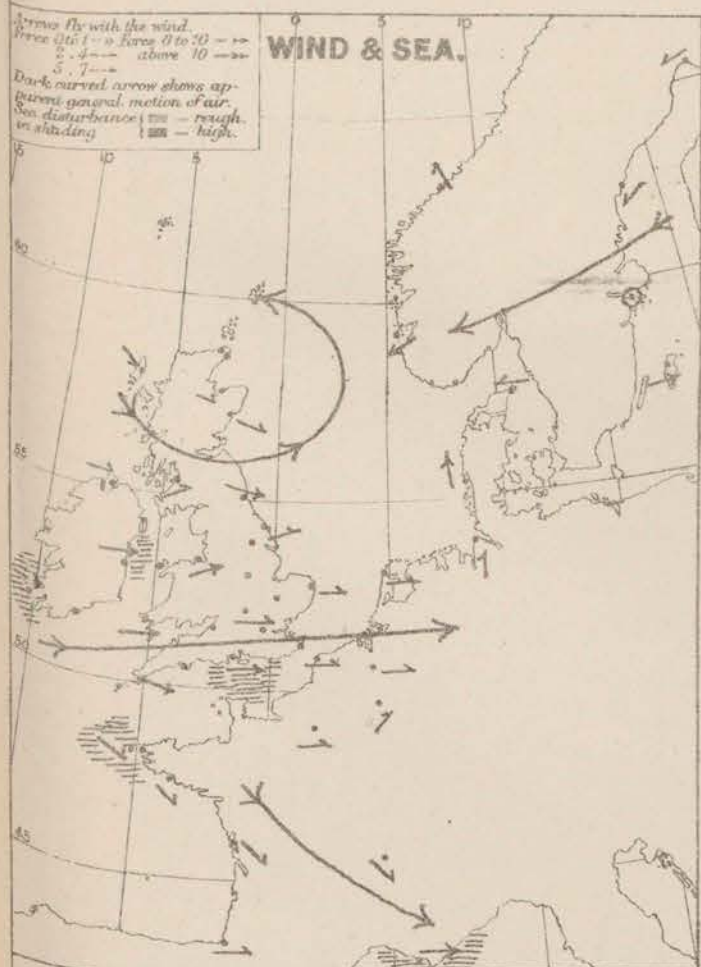
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



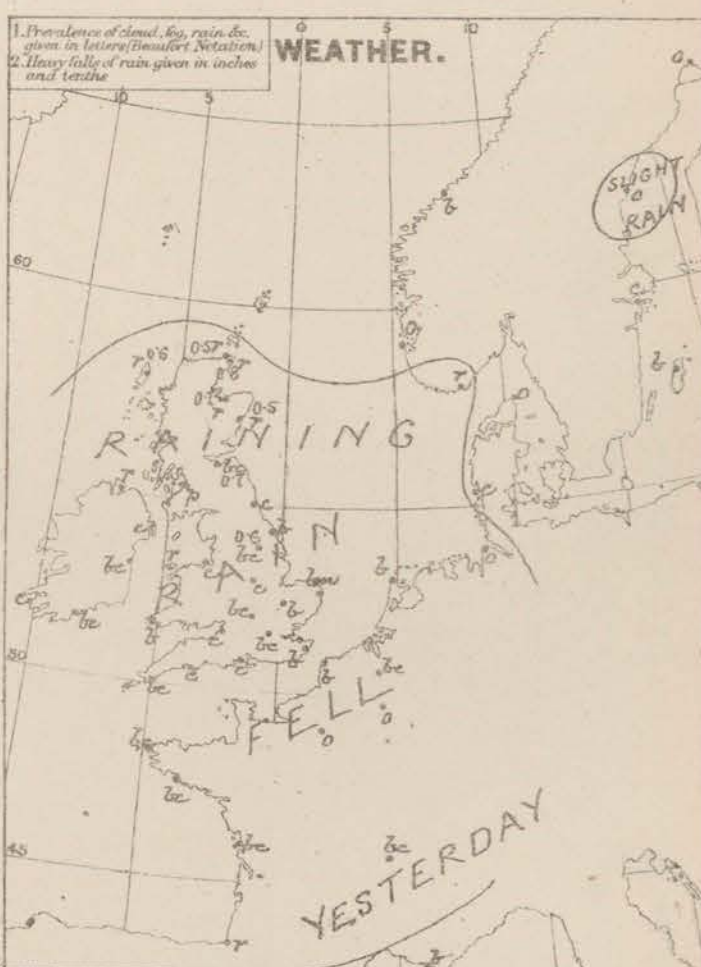
1. Arrows fly with the wind. Force (to 1) - 0 to 20 - 2 - 4 - above 10 - 5 - 7 -
- Dark curved arrow shows apparent general motion of air. Sea disturbance: rough or shading - high.

WIND & SEA.



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

WEATHER.



REMARKS. The small depression whose centre lay over our SW. coasts yesterday has travelled NNE²³ and is now found over Scotland. In course of transit it has become much more extensive than it was yesterday. Under its influence strong W. winds have set in over Ireland, England and the Channel, while E. winds prevail in Norway and light airs in Scotland. In the Bay of Biscay the wind is moderate from NW. Temperature has fallen several degrees in Scotland, but differs very little elsewhere from that reported yesterday. In London it went down to 45° in the shade, and 37° in the grass during the night, but has risen to 55° in the shade by day. Rain has fallen in all parts of the Kingdom, and still falls in Scotland and in some parts of the NW. coasts. In the S. the weather is fine. The sea is rough in the SW. and S. moderate to smooth elsewhere.

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

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT MAY 19th 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 Rain.	
			Dirco.	Force. (0 to 12.)			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12.)			Max.	Min.		
Haparanda ...	29.92	36	SE	2	o		30.02	-.08	39	35	+ 2	Z	0	b	*	*	*	-	
Hernösand ...	30.04	35	E	2	b		30.06	+ .03	44	41	+ 5	ENE	2	b	*	*	*	-	
Stockholm ...	29.99	44	SSE	2	o		30.05	+ .06	43	41	- 3	EZ	10	b	*	*	*	-	
Wisby ...	30.00	35	NNH	4	b		30.01	0	43	41	+ 3	ENE	6	b	*	*	*	-	
Christiansund ...	29.94	45	NNH	1	b		29.98	+ .03	49	45	+ 2	NNH	1	b	0	50	37	-	
Skudesnaes ...	29.85	47	ENE	4	r		29.94	+ .12	48	45	- 2	ENE	2	o	3	50	46	0.1	
Oxö (Xtiansand) ...	29.90	46	NE	6	r		29.95	0	45	43	0	NE	5	r	3	46	43	-	
Skagen (The Scape) ...	29.94	50	E	2	o		29.97	-.02	49	47	+ 5	Z	0	r	0	57	42	0.2	
Fanö ...	29.87	47	NH	2	c		29.90	+ .11	50	48	- 5	E	3	c	*	57	43	0.2	
Cuxhaven ...	29.91	4	NNH	3	b		29.89	+ .07	59	56	+ 4	SSH	1	b	*	4	45	0.0	
Sumburgh Head																			
Stornoway	29.65	46	NNE	4	r		30.06	+ .47	47	47	0	NNE	6	df	5	57	45	?	
Thurso ...	29.34	46	ENE	1	f		30.00	+ .43	46	45	0	NNE	1	o	2	47	44	0.2	
Wick ...	29.60	46	E	4	o		29.99	+ .44	47	46	+ 1	NE	2	o	4	47	42	0.2	
Nairn ...	29.56	47	E	1	r		29.98	+ .40	45	44	- 1	E	2	o	3	49	45	0.2	
Aberdeen ...	29.59	49	SSH	2	r		29.88	+ .36	46	45	- 2	N	4	o	3	53	45	0.3	
Leith ...	29.63	53	NNH	2	c		29.85	+ .23	45	45	- 8	NE	4	r	*	60	44	0.3	
Shields ...	29.71	55	N	4	bo		29.74	+ .03	46	46	- 7	NE	2	r	2	58	46	0.1	
York ...	29.88	54	N	4	b		29.72	-.08	47	46	- 6	NH	1	o	*	58	46	0.3	
Scarborough ...	29.75	54	SH	2	c		29.73	-.03	49	48	- 7	SH	1	r	1	59	36	0.0	
Nottingham ...	29.85	54	NH	4	c		29.77	-.10	57	48	- 5	NNH	2	r	*	61	43	0.4	
Ardrossan ...	29.76	51	N	3	r		29.85	+ .17	57	48	+ 1	NNE	3	bp	2	55	47	0.1	
Greencastle ...	29.78	52	N	3	o		29.92	+ .22	57	49	+ 3	N	4	b	*	56	45	0.3	
Donaghadee ...	29.79	52	N	4	c		29.84	+ .10	48	47	0	N	6	o	5	53	46	0.1	
Kingstown ...	29.89	52	NNH	6	bo		29.90	+ .06	50	47	0	NH	6	c	5	56	48	0	
Holyhead ...	29.85	52	N	6	o		29.88	-.06	48	48	- 2	NNH	7	m	5	56	48	0.2	
Liverpool (Bidston) ...	29.83	52	NH	5	o		29.70	-.10	47	46	- 6	N	5	r	3	56	46	0.3	
Valencia ...	30.20	53	NNH	4	c		30.23	+ .14	51	49	- 3	NH	4	ow	4	58	48	0	
Roche's Point ...	30.10	54	NNH	4	c		30.11	+ .09	53	49	- 1	NNH	6	o	4	?	47	0.1	
Pembroke ...	29.99	52	N	7	o		29.98	-.03	50	48	- 1	NNH	7	c	4	53	49	-	
Portishead ...	29.99	55	NH	6	b		29.90	-.08	57	49	- 1	N	5	o	5	56	48	-	
Scilly ...																			
Plymouth ...	30.11	56	NNH	5	o		30.03	-.04	53	57	- 2	NNH	5	o	*	62	49	0.1	
Hurst Castle ...	30.14	55	N	5	r		29.94	-.09	52	52	- 2	N	5	o	5	55	49	0.1	
Dover ...	29.99	55	NH	3	b		29.89	-.09	52	49	- 7	N	3	b	2	60	48	0.1	
London ...	29.95	59	N	5	c		29.88	-.09	57	49	- 4	SH	2	or	*	62	46	0.1	
Oxford ...	*	*	*	*	*		29.83	-.13	57	49	- 2	NH	2	o	*	61	47	0.1	
Cambridge ...	29.90	57	SH	2	c		29.81	-.11	50	49	- 4	SH	2	r	*	61	45	0.1	
Yarmouth ...	29.89	55	NH	4	c		29.84	-.06	52	49	- 1	NH	2	b	3	60	45	0.1	
The Helder ...	*	*	*	*	*		29.84	-.00	52	57	0	Z	0	c	*	*	*	-	
Cape Gris Nez	30.01	55	NH	5	b		29.91	-.08	50	48	- 2	N	4	o	3	55	50	-	
Brest ...	30.32	?	NH	3	bo		30.23	-.01	52	50	- 2	NH	4	o	4	57	48	-	
L'Orient ...	30.30	54	NNH	4	b		?	?	52	48	- 2	NNH	4	bo	4	61	48	-	
Rochefort ...	30.23	61	NH	4	b		30.15	-.08	52	50	- 5	NNH	4	o	3	61	46	-	
Biarritz ...	30.32	66	NNH	2	bo		30.24	-.04	55	50	- 2	ENE	1	c	3	?	50	-	
Corunna ...	*	*	*	*	*											*	*	0.1	
Brussels ...	*	*	*	*	*		29.72	-.04	57	*	- 3	SSH	?	r	*	*	*	0.1	
Charleville ...	*	*	*	*	*		29.95	-.01	48	*	- 6	NNE	3	o	*	*	*	-	
Paris ...	30.12	60	NNH	3	bo		30.04	-.07	57	*	- 1	N	3	c	*	*	*	-	
Lyons ...	*	*	*	*	*		30.27	+ .21	60	*	- 1	N	2	b	*	*	*	-	
Toulon ...	? 29.92	68	NH	7	b		?	?	55	46	- 4	NH	6	b	8	72	57	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.		
Skudesnaes ...	29.82	48	45	ENE	6	r	3	Valencia	30.16	53	50	NNH	4	cp
Thurso	29.53	46	45	ENE	2	df	2	Scilly						
Scarborough ...	29.77	54	50	SH	3	cp	2	London	30.00	60	52	NH	4	b
Greencastle ...	29.73	53	49	NH	3	o	*	Rochefort ...	30.25	61	55	NH	4	b
Holyhead	29.87	53	52	N	4	c	3							

The depression continues to travel N.W. and the barometer is rising, though slowly at all above except Thurso. The wind is fresh from N.H. to N.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort scale is, b. blue sky; a. 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 (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.

SUMMARY OF WEATHER IN WESTERN EUROPE

from MAY 13th to MAY 19th 1877.

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

The weather during this week has been of a very unsettled character, but during the early portion the depressions which advanced over us from the NW, were of comparatively small importance, the winds were generally light - and though the weather was dull the rainfall was nowhere very heavy. On Thursday night, however, a rapid fall of the mercury set in in the SW and a deep depression advanced over us, under the influence of which we remained till the close of the week. At first it travelled NW and N to S breezes with heavy rain prevailed in the S. and E. and NW winds in the N. but on the night of Friday it suddenly turned SW again, the wind veered through N into NE, temperature fell and the weather became again very cold and showery.

MAY 13th Pressure had increased rather briskly over France, and to a less extent over most other places, but in the Netherlands where a small depression existed a slight decrease had occurred. The wind which was light to fresh in force continued, as at the close of last week, NW at the more SW stations, and N to NE in the North, but in the S. of Ireland SE breezes were reported with a falling barometer. Temperature had fallen a little in the S. of France, but risen in most other places. The sky was generally overcast or very cloudy except in the SW of England, and in Sweden. The evening reports showed that the depression which in the morning lay over Holland, had travelled on to Denmark, while that which had caused the decrease of pressure at Valencia had moved nearer our SW coasts, and the wind in the S. of Ireland had increased to a moderate gale.

MAY 14th Both depressions were moving E, the Danish one ^{was} disappearing over the Baltic, and had already almost left our area, while the Irish one had advanced well over our SW coasts. The barometer was falling in nearly all parts of NW Europe, but the changes were nowhere very great and gradients remained slight generally. The wind was influenced by the two depressions, over France it was SW and over these islands SE to E, showing one circulation; while in the S. of Scandinavia it was NE, in Denmark N, and in North Germany NW, showing the second. At Pembroke and Rock Point it was fresh in force but at most other stations light or moderate. Temperature was inclined to fall except in France. The weather was fine in the N. of Norway and Sweden, and moderately so at some of the Scotch stations, but cloudy or dull elsewhere, with rain or snow in the Fjeld-Rack. Later in the day the NW depression advanced NEwards over the Irish Sea and N. of Ireland, while at the same time it was slowly filling up, so that at 6 P.M. the barometer was rising briskly in the SW and slightly elsewhere.

MAY 15th The mercury had risen four tenths of an inch over the Bay of Biscay, and to a less extent in all parts of NW Europe, while the disturbance was apparently travelling slowly away to the NW. The highest pressures lay over Spain and moderate NW breezes prevailed over France, while light NW winds were reported on our NW and SW coasts, with very light E. airs in the E. and N. Over Scandinavia the circulation of the wind was governed by a separate disturbance. Temperature had undergone little change, but the tendency was to rise especially in the S. Dull, showery weather was reported except at some of the Scotch stations. During the day the barometer rose everywhere, but the increase was least in the West.

MAY 16th Pressure had given way slightly during the night on our extreme NW coasts, but elsewhere the barometer still rose the increase being greatest in the SE. An area of high readings lay over France, while a large shallow depression was shown off the N. of Scotland, so that SW^{ly} to S^{ly} breezes were reported on all our coasts. In France the wind was anti-cyclonic for while the NW current prevailed in the N. at Lyons the winds drew into N. and at Biarritz into SE. Temperature had risen except in the NE of France, and was uniform at about 50° over the British Isles. The weather was again clear at some of the NW stations, while elsewhere it continued cloudy and showery. During the day the fall of the barometer extended to all places except the Eastern shores of the North Sea, and the SW^{ly} winds which blew steadily on all coasts increased somewhat in the N.

MAY 17th The mercury still rose slowly on the Eastern shores of the North Sea, but the decrease noticed elsewhere still continued. The change had been very large on our SW^{ly} coasts, and a small but deep depression had advanced from the NW to that region during the night in the neighbourhood of which gradients were rather steep. The wind circulated round the low pressure, and blew strongly over the SW of England. At the E^{ly} stations and over the North Sea the wind was light from the S^{ly}, while in the S. of France variable airs were reported. Temperature had risen at most of the Continental and changed irregularly at our own stations. Heavy rain was falling over England and the N. of Ireland at 8 am., and the weather generally was unsettled or dull. By 6 P.M. the centre of the depression had reached the N. of England and fresh NW^{ly} winds prevailed in the N., strong W^{ly} winds in the S. and SE^{ly} winds in the East while a brisk recovery in pressure was in progress over Ireland and Wales.

MAY 18th The depression had moved slowly NW and lay over Scotland, and the barometer both in that country and over Scandinavia was falling, while at all the more SW stations a recovery was in progress. The wind which was fresh in force except at the Scotch stations was W^{ly} on most of our own and the French coasts, but drew into S. in Denmark, and into NE or E in the West of Norway, and the N. of Scotland. Temperature had fallen in the N. but was little changed elsewhere. In London it had fallen to 45° in the shade, and 37° on the grass during the night. Heavy rain had followed the depression to Scotland, but in the S. the sky was nearly clear. During the day the centre of the depression was apparently filling up, and the barometer rising except in the SE.

MAY 19th The depression had suddenly turned SE during the night, and now lay over the North of England. It was at the same time becoming filled up, and the barometer was rising briskly in the N and W. but was falling in the S. The winds circulated round the low reading; it was W^{ly} in the N and W, W^{ly} in the S, S^{ly} in the Netherlands, and NE^{ly} in the N of Norway. Air was fresh in force except within the area of low pressure and even blew with the force of a moderate gale in Wales. Temperature had fallen generally, and dull rainy weather prevailed. Later Reports showed that the disturbance was still moving SE, and the barometer rose generally, while fresh NE^{ly} breezes set in on all our coasts.

DAILY WEATHER REPORT MAY 20TH 1877.

STATIONS.	↑ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 370 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 370 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.14	32	Z	0	b	30.15	+ .13	37	35	- 2	S	2	o	*	*	*	-	
Hernösand ...	30.15	39	Z	0	c	30.17	+ .11	41	40	- 3	Z	0	c	*	*	*	-	
Stockholm ...	30.06	45	NE	4	b	30.05	.00	46	42	+ 3	NNE	2	b	*	*	*	-	
Wisby ...	29.99	46	E	6	c	29.97	-.02	45	41	+ 2	ENE	8	b	*	*	*	-	
Christiansund ...	30.09	50	NNE	5	b	30.25	+ .27	48	44	- 1	NNE	4	b	2	?	39	-	
Skudesnaes ...	30.08	50	N	2	T	30.13	+ .17	34	48	+ 6	NE	1	o	4	?	48	-	
Oxö (Xtiansand) ...	30.03	46	ESE	2	T	30.09	+ .14	49	47	+ 4	NE	4	c	2	?	43	-	
Skagen (The Seaw)	30.01	49	NNW	3	o	30.08	+ .11	50	48	+ 1	E	2	c	0	54	45	-	
Fanö ...	29.92	50	ESE	4	c	29.97	+ .07	55	48	+ 5	NE	4	bc	*	59	43	-	
Cuxhaven ...	29.91	*	NE	2	b	29.95	+ .06	49	48	- 10	NE	4	o	*	*	46	0.18	
Sumburgh Head ...																		
Stornoway ...	30.24	49	NE	5	bc	30.38	+ .32	48	45	+ 1	NE	2	o	4	52	41	0.02	
Thurso ...	30.18	46	NNE	2	T	30.33	+ .33	45	42	- 1	N	2	o	2	48	43	0.04	
Wick ...	30.23	45	NE	4	T	30.24	+ .35	47	43	0	NE	4	bc	2	50	40	0.02	
Nairn ...	30.17	46	NE	2	T	30.34	+ .36	46	44	+ 1	NE	1	o	1	50	44	0.13	
Aberdeen ...	30.09	49	N	4	o	30.25	+ .37	45	42	- 1	N	6	o	3	52	44	0.07	
Leith ...	30.09	46	E	2	o	30.30	+ .45	49	46	+ 4	E	3	c	*	52	44	0.05	
Shields ...	30.02	45	N	4	o	30.22	+ .48	46	45	0	N	6	o	3	48	43	0.08	
York ...	29.92	52	NNW	1	o	30.17	+ .45	47	46	0	NE	2	o	*	55	44	0.07	
Scarborough ...	29.95	47	N	3	o	30.15	+ .42	46	45	- 3	NNE	4	o	4	50	44	0.15	
Nottingham ...	29.93	49	NNE	5	T	30.17	+ .40	47	47	+ 3	NNE	5	o	*	57	44	0.12	
Ardrossan ...	30.08	59	NE	2	bc	30.28	+ .43	48	48	0	NNE	2	c	1	61	46	0.02	
Greencastle ...	30.16	50	N	3	b	30.28	+ .36	52	49	+ 1	NE	2	b	*	54	45	-	
Donaghadee ...	30.10	52	N	4	b	30.27	+ .43	49	47	+ 1	NNE	4	bc	3	57	46	-	
Kingstown ...	30.10	54	N	4	bc	30.27	+ .37	49	47	- 1	N	4	bc	3	55	46	-	
Holyhead ...	30.04	52	N	6	b	30.22	+ .42	49	48	+ 1	N	4	c	3	53	47	-	
Liverpool (Bidston)	29.99	53	N	3	o	30.20	+ .37	49	46	+ 2	N	1	o	1	56	46	0.02	
Valencia ...	30.27	54	NNW	3	bc	30.30	+ .07	54	48	+ 3	NE	3	bc	4	57	46	-	
Roche's Point...	30.18	55	NNW	5	c	30.27	+ .16	56	52	+ 3	N	3	bc	3	59	49	-	
Pembroke ...	30.03	54	N	6	b	30.19	+ .24	50	47	0	N	5	b	2	55	46	-	
Portishead ...	29.90	54	NNW	5	bc	30.12	+ .22	49	47	- 2	N	4	o	3	57	46	-	
Scilly ...																		
Plymouth ...	29.96	54	NW	5	b	30.12	+ .09	53	50	0	N	4	b	*	58	46	-	
Hurst Castle ...	29.85	54	NNW	4	o	30.07	+ .13	52	51	0	N	4	o	4	56	47	0.07	
Dover ...	29.71	57	NNW	3	c	29.97	+ .08	50	48	- 2	NE	4	c	3	57	48	0.65	
London ...	29.80	52	N	2	c	30.04	+ .16	47	46	- 4	NNE	5	c	*	57	46	0.20	
Oxford ...	*	*	*	*	*	30.10	+ .27	47	46	- 4	N	3	o	*	59	47	0.05	
Cambridge ...	29.81	50	N	2	T	30.09	+ .28	46	45	- 4	NNE	3	T	*	54	45	0.17	
Yarmouth ...	29.82	50	E	2	c	30.03	+ .19	47	46	- 5	NNE	4	o	4	54	45	0.14	
The Helder... ..	*	*	*	*	*	29.93	+ .09	53	51	+ 1	NE	2	c	*	*	*	0.04	
Cape Gris Nez ...	29.79	50	NNW	2	c	29.96	+ .05	50	50	0	NNE	5	c	4	54	48	0.12	
Brest ...	30.16	61	NNW	4	o	30.17	- .06	57	54	+ 5	NNE	4	o	3	?	48	-	
L'Orient ...	30.13	54	NNW	4	bc	30.12	?	54	50	+ 2	NNE	5	o	3	59	46	-	
Roche fort ...	30.09	59	NW	5	o	30.04	- .11	55	54	+ 3	NNW	6	c	4	61	48	-	
Biarritz ...	30.18	64	NNW	1	c	30.09	- .15	55	52	0	NNW	4	o	3	?	50	-	
Corunna ...	*	*	*	*	*	30.18		58	*		NE	9	b	7	*	*	*	
Brussels ...	*	*	*	*	*	29.87	- .05	57	*	0	NNW	5	o	*	*	*	0.87	
Charleville ...	*	*	*	*	*	29.80	- .15	48	*	0	NE	3	o	*	*	*	*	
Paris ...	29.89	57	NNW	3	o	29.86	- .18	49	*	- 2	NNW	3	o	*	*	*	0.43	
Lyons ...	*	*	*	*	*	29.89	- .38	57	*	- 3	NW	2	c	*	*	*	*	
Toulon ...	30.21	63	NNW	6	b	29.86	?	52	45	- 3	NNW	6	b	6	46	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...	30.04	52	49	NNE	2	T	Valencia	30.24	59	53	NNW	3	bc	4
Thurso	30.12	47	46	NNE	3	fpo	Scilly							
Scarborough ...	29.87	46	46	NE	2	T	London	29.79	53	50	N	3	sp	*
Greencastle ...	30.06	53	51	N	2	b	Roche fort ...	30.45	59	54	NNW	4	b.	3
Holyhead	29.94	52	57	NNW	7	c								

The depression continues to move south and is now not far to the West of London. Light NE winds are spreading over the North of England while strong NW breezes are blowing on the Welsh coasts, and a NW breeze in London. The weather is fine in Ireland.

EXPLANATION OF COLUMNS.

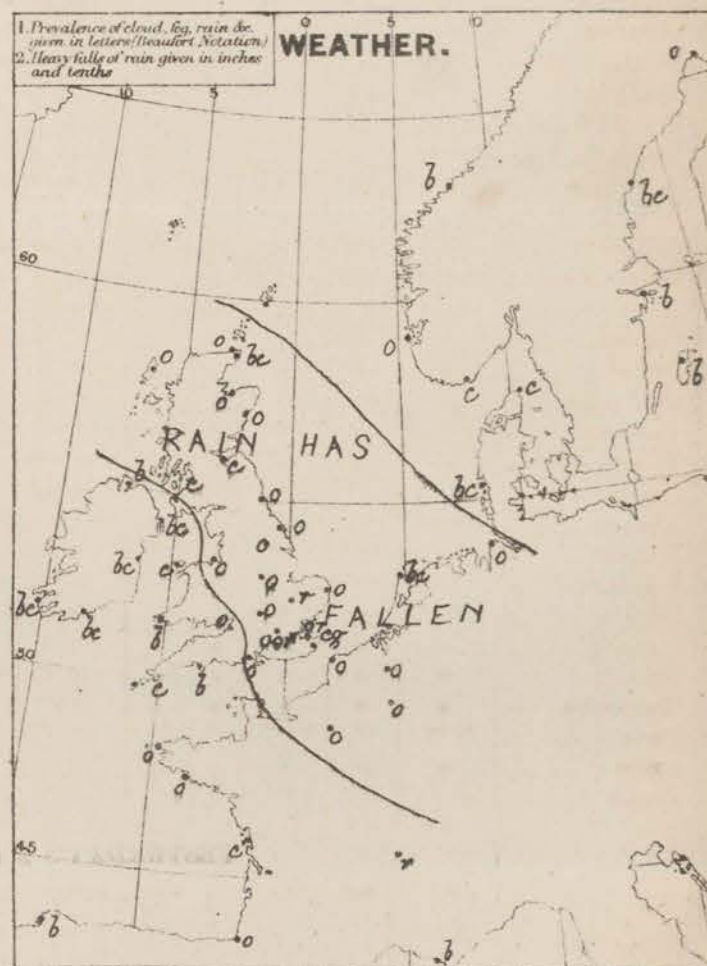
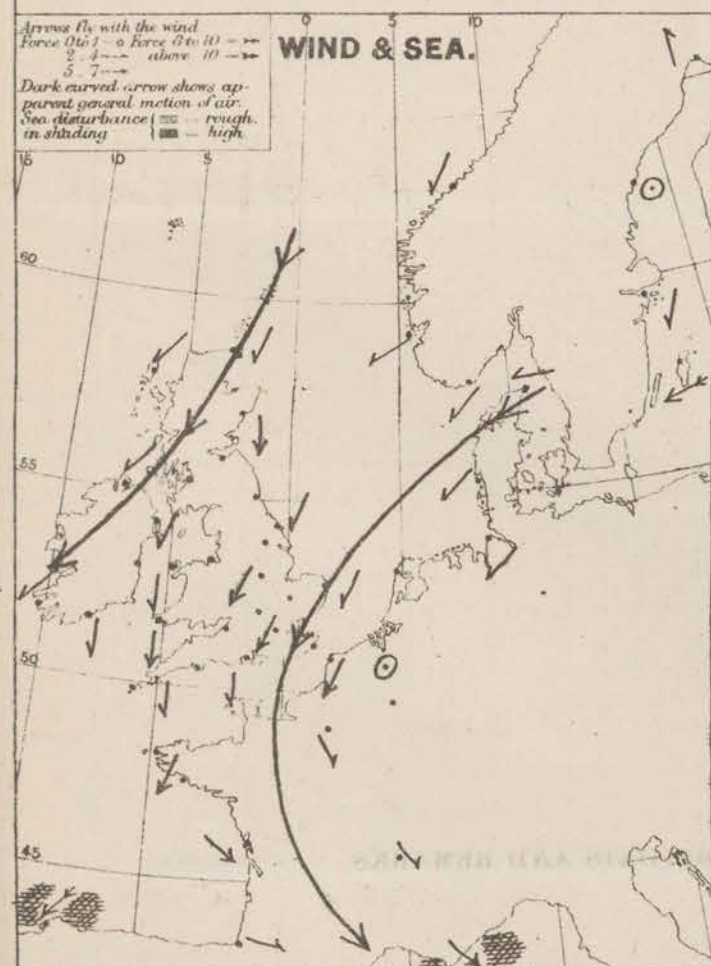
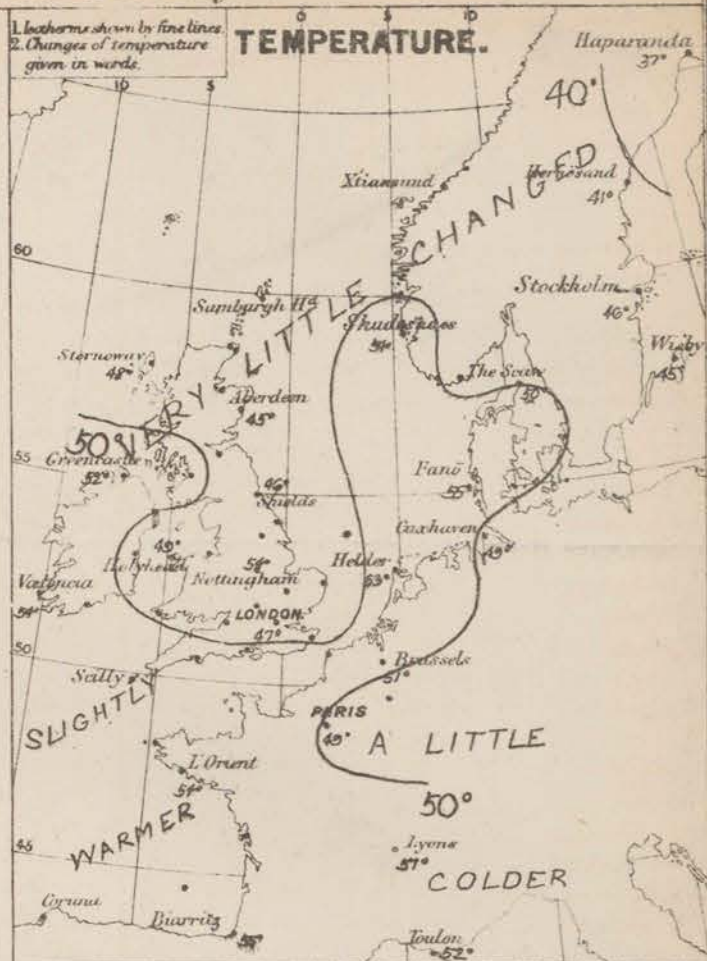
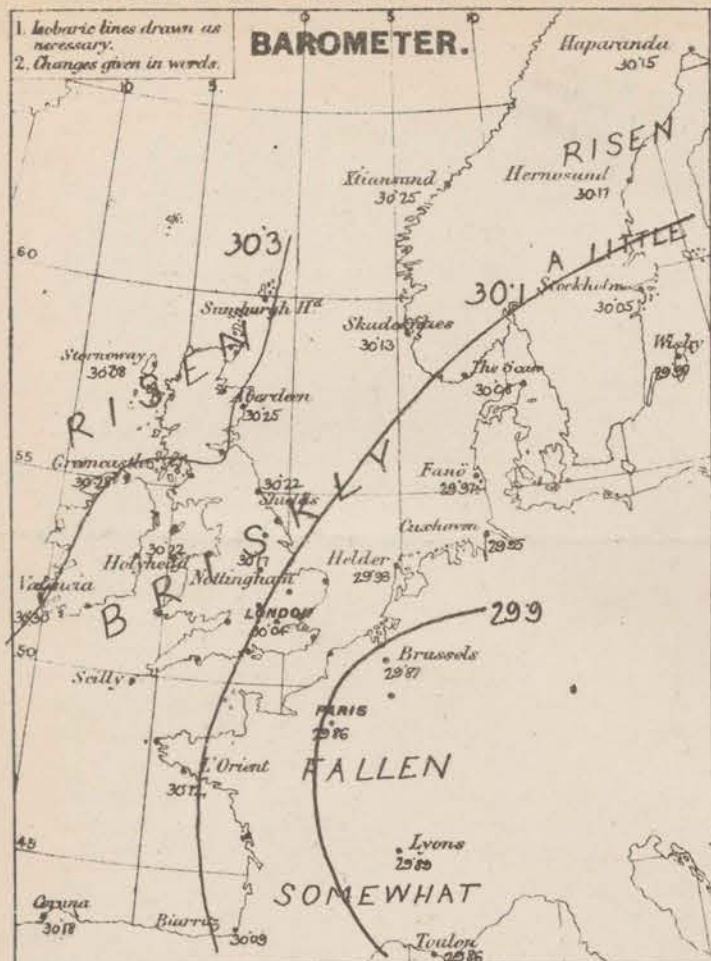
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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.E. The wind is said to "rear" 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 20TH MAY 1877.*



REMARKS. The depression which had by yesterday morning travelled 5^{th} as far as Yorkshire has since continued its course in the same direction, and is this morning found over the east of France. The barometer has therefore fallen somewhat at all the French stations, while in our Islands a brisk rise has occurred in the rear of the depression and the mercury in Scotland has risen to over 30.3 inches. The NE^{ly} breeze reported from Scotland yesterday has extended to all parts excepting the south of France, which region, lying as it does to the Sth of the low pressure, is visited by NW^{ly} to W^{ly} breezes. Although the wind blows rather strongly at some of the eastern and south eastern stations, it is generally moderate in force. Temperature has not changed very much anywhere; it has fallen at most of the south eastern stations but risen a little on our south west coasts and over the Bay of Biscay. Rain has fallen at all the Irish and most of the English stations but with the exception of that at Dover the falls have not been very heavy. The sky is clear in Ireland but overcast in most other places. The sea is moderate or smooth generally.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 2/- per quarter, book post 5/- per quarter.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT MAY 21st 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 320 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 320 P. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 5).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 A.M. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	30.08	37	S	2	b	30.25	+ 10	38	35	+ 1	NNW	4	0	*	*	*	-		
Hernösand ...	30.03	47	N	4	b	30.30	+ 13	44	38	+ 3	N	2	b	2	*	*	-		
Stockholm ...	30.07	46	NNE	6	c	30.05	+ 03	47	41	+ 1	NNE	3	b	2	*	*	-		
Wistby ...	29.95	41	NE	6	c	29.99	+ 02	42	39	- 3	NE	6	b	0	*	*	-		
Christiansund ...	30.36	43	NE	6	b	30.38	+ 13	43	37	- 5	NE	3	b	3	48	37	-		
Skudesnaes ...	30.16	57	N	4	b	30.24	+ 11	54	47	0	ENE	2	c	1	54	?	-		
Oxö (Åhusen) ...	30.11	53	N	2	b	30.23	+ 14	49	45	0	NE	6	b	4	57	46	-		
Skagen (The Scaw) ...	30.47	53	NE	2	c	30.18	+ 10	47	43	- 3	ENE	5	c	5	61	45	-		
Fanö ...	29.97	52	NNE	4	c	?	?	32	46	- 3	NE	6	c	2	59	45	-		
Cuxhaven ...	29.93	2	NE	3	b	29.91	- 02	47	47	- 2	NE	6	A	*	*	45	0.14		
Sumburgh Head																			
Stornoway	30.42	48	NE	2	c	30.48	+ 10	38	36	- 10	ENE	1	0	4	57	37	-		
Thurso ...	30.38	48	N	3	b	30.48	+ 15	45	41	0	N	3	0	3	52	43	-		
Wick ...	30.49	50	N	3	b	30.48	+ 14	45	41	- 2	N	2	0	0	52	40	-		
Nairn ...	30.38	50	E	1	b	30.48	+ 14	45	42	- 1	E	3	0	2	52	43	-		
Aberdeen ...	30.28	48	N	6	b	30.40	+ 25	45	41	0	N	4	0	3	57	43	-		
Leith ...	30.29	47	E	3	c	30.41	+ 11	45	44	- 4	ENE	3	2	*	58	44	-		
Shields ...	30.25	48	N	5	r	30.35	+ 13	44	42	- 2	NE	6	0	4	48	44	0.06		
York ...	30.21	46	N	2	0	30.31	+ 14	46	43	+ 1	N	2	0	0	50	43	-		
Scarborough ...	30.19	45	N	4	m	30.28	+ 13	45	45	- 1	N	5	0	5	46	44	0.06		
Nottingham ...	30.21	47	NNE	4	0	30.27	+ 10	48	45	- 6	N	6	r	*	?	44	0.01		
Ardrossan ...	30.38	55	NNE	1	b	30.40	+ 12	49	45	- 2	NE	2	b	1	57	44	0.02		
Greencastle ...	30.35	54	NNE	2	b	30.40	+ 12	52	46	0	E	2	b	*	56	42	-		
Donaghadee ...	30.30	54	NNE	3	b	30.38	+ 11	49	48	0	NNE	4	b	3	58	46	-		
Kingstown ...	30.32	52	N	2	c	30.36	+ 09	50	47	+ 1	ENE	4	0	4	53	46	-		
Holyhead ...	30.27	57	NNE	4	c	30.31	+ 09	50	49	+ 1	NE	3	0	3	57	47	-		
Liverpool (Bidston) ...	30.24	49	NNE	3	c	30.30	+ 10	49	46	0	NNE	2	0	1	55	45	-		
Valencia ...	30.29	58	NNE	3	b	30.35	+ 05	56	57	+ 2	Z	0	b	1	61	44	-		
Roche's Point ...	30.33	57	S	2	b	30.35	+ 08	54	49	- 2	NNE	2	b	2	61	48	-		
Pembroke ...	30.22	53	N	6	b	30.28	+ 09	58	47	0	NNE	1	b	0	55	44	-		
Portishead ...	30.16	52	N	3	0	30.24	+ 12	47	45	- 2	NNE	3	r	3	58	44	-		
Scilly ...																			
Plymouth ...	30.16	57	N	2	b	30.25	+ 13	50	48	- 3	NNE	2	0	*	61	45	-		
Hurst Castle ...	30.13	53	NNE	4	b	30.20	+ 13	52	57	0	NE	4	c	3	56	45	-		
Dover ...	30.11	50	NE	5	c	30.11	+ 14	50	47	0	N	4	c	2	54	46	-		
London ...			NNW	3		30.17	+ 13	49	46	+ 2	N	2	0	*	52	43	0.02		
Oxford ...						30.21	+ 11	50	47	+ 3	NNW	1	0	*	55	45	-		
Cambridge ...	30.13	48	NNN	3	r	30.18	+ 09	48	43	+ 2	N	2	0	*	54	40	0.04		
Yarmouth ...	30.08	48	NNE	3	c	30.12	+ 09	50	48	+ 3	N	3	b	3	57	45	-		
The Helder ...						30.01	+ 08	52	50	- 1	Z	0	c	*	*	*	-		
Cape Gris Nez	30.16	48	N	6	0	30.12	+ 16	50	48	0	N	5	0	4	52	45	-		
Brest ...	30.21	61	NNE	3	0	30.25	+ 08	50	48	- 7	E	2	0	3	57	45	-		
L'Orient ...	30.14	54	NNE	4	c	30.24	+ 12	50	48	- 4	NNE	3	c	3	61	43	-		
Rochefort ...	30.03	67	NNW	6	c	30.12	+ 08	52	50	- 3	N	4	0	3	63	46	-		
Biarritz ...	30.08	63	NNW	4	c	30.13	+ 04	55	50	0	ENE	3	b	3	?	48	-		
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	30.00	+ 13	57	50	0	NE	1	0	*	*	*	0.99		
Charleville ...	*	*	*	*	*	29.93	+ 13	48	50	0	NN	3	r	*	*	*	*		
Paris ...	29.94	52	NN	3	r	30.08	+ 12	48	50	- 1	NN	3	0	*	*	*	0.12		
Lyons ...	*	*	*	*	*	29.95	+ 06	54	50	- 3	NN	2	0	*	*	*	*		
Toulon ...	29.73	61	NN	6	b	29.83	- 03	48	45	- 4	NN	5	b	6	64	?	-		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes ...	30.16	54	49	NN	4	b	2	Valencia					
Thurso								Scilly					
Scarborough ...								London					
Greencastle ...							*	Rochefort ...					
Holyhead													

EXPLANATION OF COLUMNS

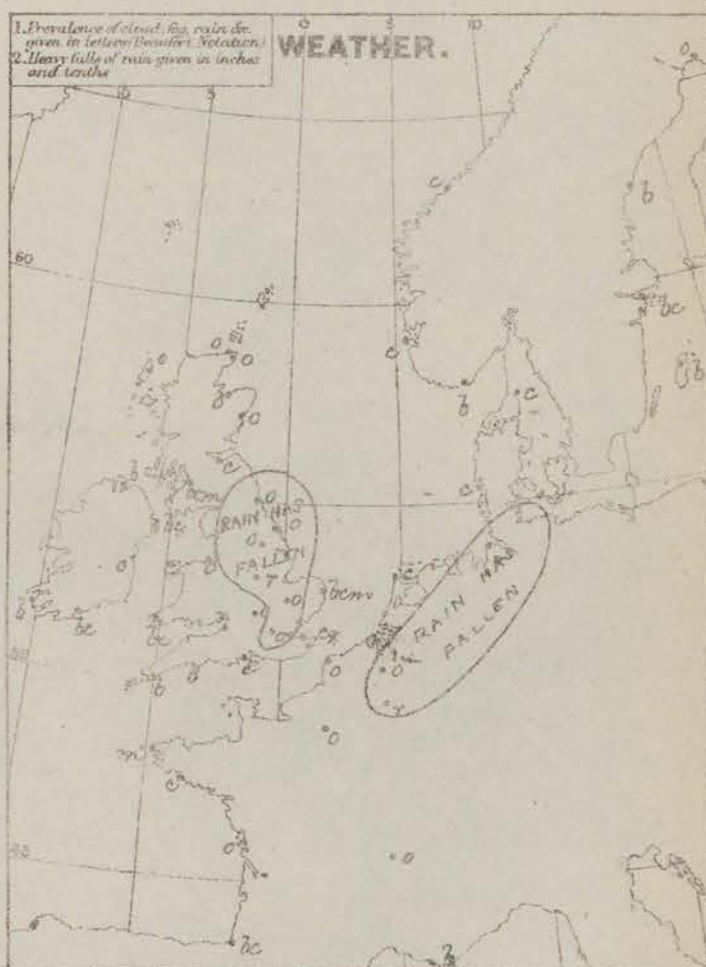
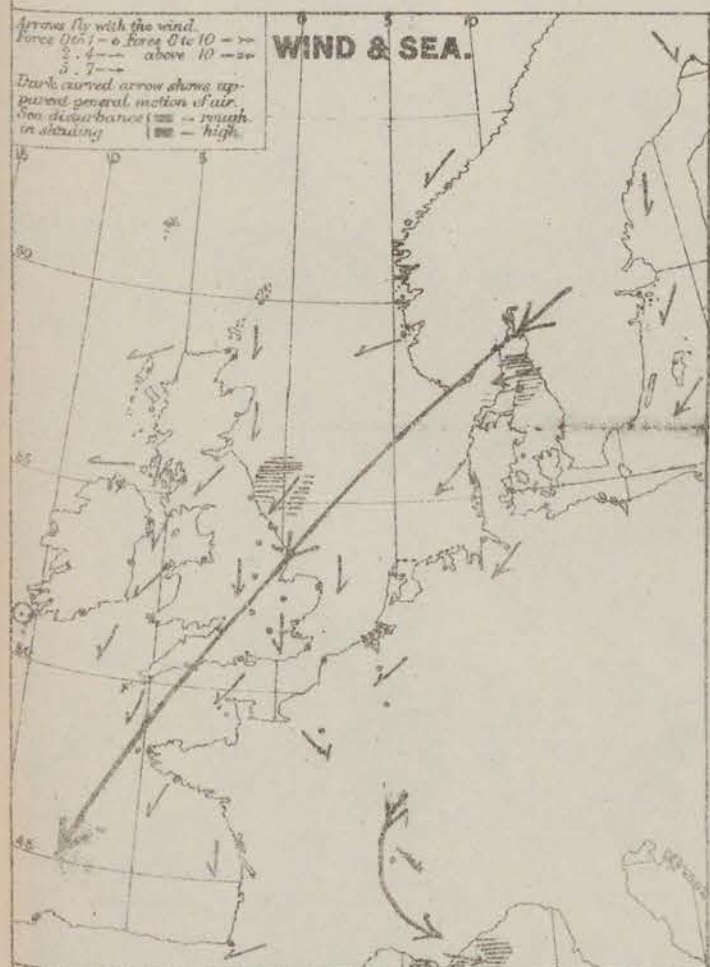
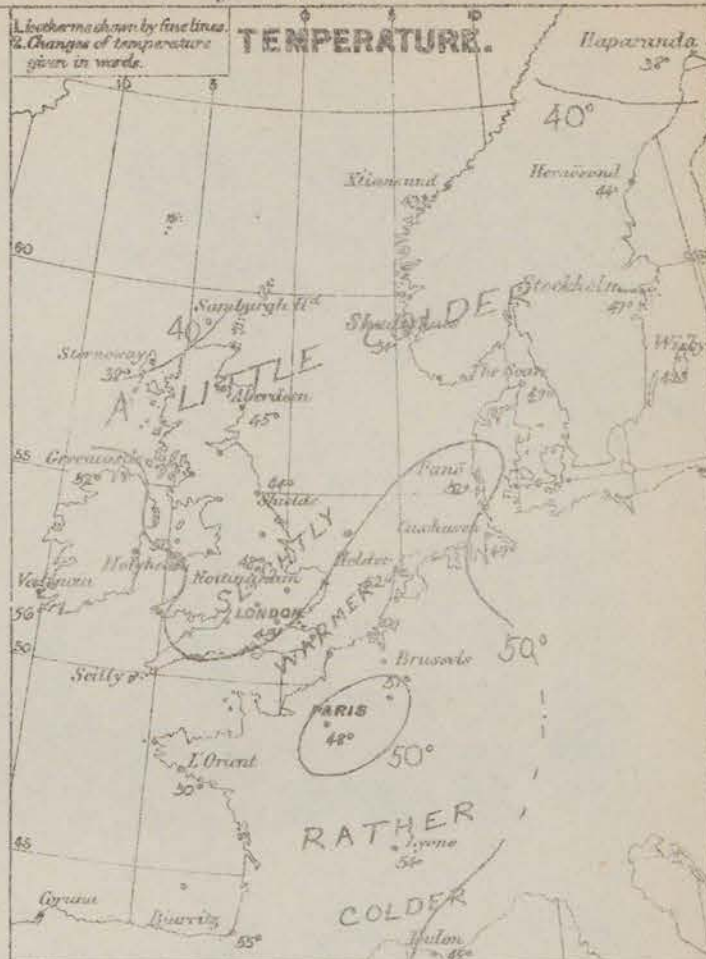
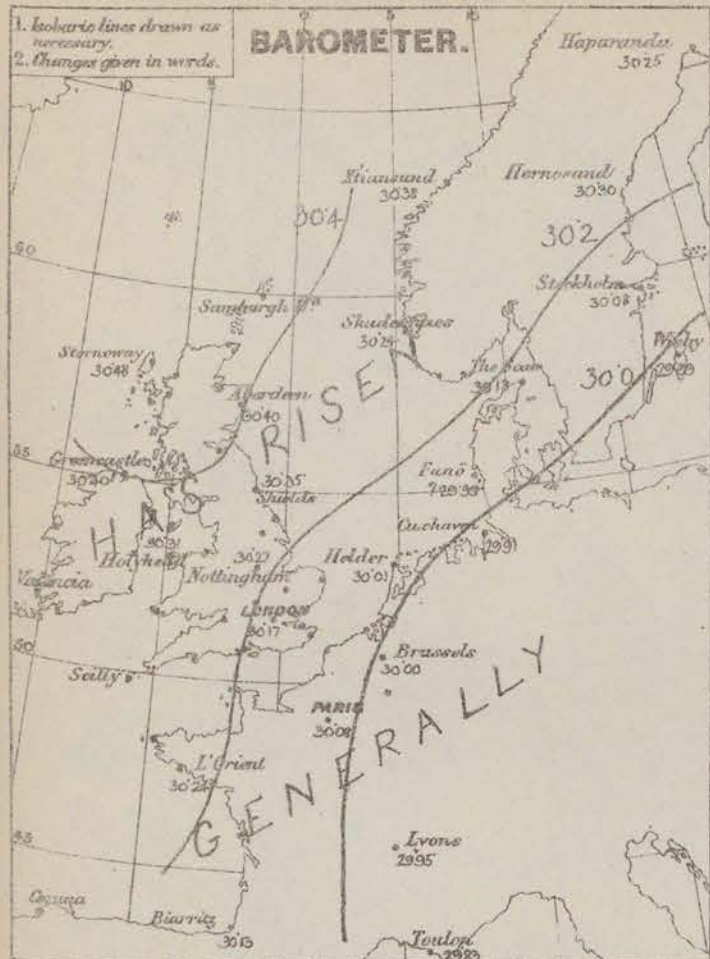
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 21st MAY 1877.



REMARKS. Pressure is increasing this morning in all parts of Western Europe excepting North Germany, and the depression which lay over the north of England on Saturday has continued its southward movement, and is now disappearing over southern Europe. The highest pressures are at the same time found over our northern stations, and rather steep gradients prevail generally. The wind draws from NE over Denmark and Scandinavia, through N. and NNE in these Islands and the west of France into NW in the south east of that country and while moderate in force at the more western stations blows freshly in the east. Temperature has fallen somewhat in most places — as much as 10° at Stornoway — and rather cold cloudy weather prevails over Great Britain and at most of the Continental stations, though in Ireland the sky is nearly clear. At Chardville and Carthagen rain is falling. The sea is moderate or slight.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 1/6 per quarter, book post 5/- per quarter.

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

Printed and Published by the Government Printer, London.

DAILY WEATHER REPORT MAY 22nd 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.	Set. (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 ...	30.28	37	N	4	c	30.28	+ .03	36	32	- .2	NE	4	0	*	*	*	-	
Hernösand ...	30.28	39	E	2	c	30.26	- .04	38	35	- .6	ENE	2	0	*	*	*	-	
Stockholm ...	30.06	42	NNE	4	b	30.10	+ .02	45	42	- .2	NNE	4	b	*	*	*	-	
Wisby ...	30.03	37	NE	4	b	30.06	+ .07	39	37	- .3	NE	6	b	*	*	*	-	
Christiansund ...	30.33	33	NNN	2	c	30.28	- .10	20	39	- .13	SSW	2	c	2	46	32	-	
Skudesnaes ...	30.19	45	NNN	6	bc	30.15	- .09	46	41	- .8	NN	6	bc	3	54	45	-	
Oxö (Ålensand) ...	30.15	51	SSW	2	b	30.13	- .10	45	41	- .4	S	2	b	1	52	37	-	
Skagen (The Seaw) ...	30.14	49	ENE	3	b	30.15	- .03	49	45	- .2	ESE	2	b	1	63	41	-	
Fanö ...	30.09	49	NNE	4	c	30.07	?	56	51	+ .4	Z	0	b	*	59	39	-	
Cuxhaven ...	30.01	?	NE	5	+	30.10	+ .19	52	48	+ .5	NE	3	b	*	4	45	0.15	
Sumburgh Head ...																		
Stornoway ...	30.52	48	NE	3	b	30.48	.00	45	42	- .3	NNE	3	0	4	50	38	-	
Thurso ...	30.49	45	N	3	o	30.47	- .01	44	40	- .1	NNE	3	0	3	49	42	-	
Wick ...	30.48	45	NE	2	o	30.43	- .05	44	41	- .1	N	2	c	1	49	35	-	
Nairn ...	30.48	47	ENE	2	c	30.47	- .01	43	40	- .12	ENE	2	c	3	50	40	-	
Aberdeen ...	30.42	46	N	4	o	30.40	.00	44	40	- .11	N	4	o	3	49	39	-	
Leith ...	30.42	46	E	3	b	30.41	.00	45	43	- .2	NE	3	c	*	54	42	-	
Shields ...	30.38	44	NNE	4	o	30.37	+ .02	44	41	- .1	NNE	2	o	4	47	42	-	
York ...	30.33	46	N	2	o	30.34	+ .03	46	42	- .2	N	4	c	*	50	42	-	
Scarborough ...	30.30	45	N	5	o	30.32	+ .04	44	40	- .01	NNE	3	o	3	46	43	-	
Nottingham ...	30.31	48	N	5	o	30.34	+ .07	44	42	- .4	NNE	5	o	*	53	43	-	
Ardrossan ...	30.38	54	E	3	bc	30.42	+ .02	48	42	- .1	NE	3	bc	2	59	39	-	
Greencastle ...	30.40	51	N	2	o	30.40	.00	49	45	- .3	E	2	bc	*	57	40	-	
Donaghadee ...	30.39	52	NNE	2	c	30.42	+ .04	46	42	- .3	ENE	3	b	3	54	43	-	
Kingstown ...	30.40	51	N	3	c	30.38	+ .02	47	44	- .3	NNE	4	o	4	52	46	-	
Holyhead ...	30.52	50	NE	3	c	30.33	+ .02	47	45	- .3	ENE	3	o	3	54	45	-	
Liverpool (Ediston) ...	30.02	48	NNE	2	c	30.34	+ .04	46	41	- .3	NE	2	o	1	54	43	-	
Valencia ...	30.32	57	SE	3	c	30.35	.00	55	51	- .1	Z	0	bc	1	62	47	-	
Roche's Point ...	30.36	56	SE	2	c	30.34	- .01	50	46	- .4	NNE	3	c	3	60	47	-	
Pembroke ...	30.28	55	N	3	bc	30.30	+ .02	47	44	- .3	NE	1	cm	0	58	45	-	
Portishead ...	30.24	56	NNE	4	c	30.26	+ .02	46	43	+ .1	NNE	5	o	4	60	44	-	
Scilly ...																		
Plymouth ...	30.24	51	NE	1	o	30.26	+ .01	50	47	- .1	NE	4	o	*	59	47	0.07	
Hurst Castle ...	30.19	54	NE	5	o	30.21	+ .01	47	47	- .5	NE	4	o	3	57	45	-	
Dover ...	30.12	51	NNE	4	bc	30.12	+ .01	48	47	- .2	NE	4	cm	3	57	46	0.38	
London ...	30.21	50	NNE	4	c	30.20	+ .03	46	45	- .3	NNE	2	+	*	56	44	0.15	
Oxford ...						30.26	+ .05	47	45	- .3	N	3	o	*	55	44	0.03	
Cambridge ...	30.22	48	N	3	o	30.25	+ .07	47	46	- .1	NNE	2	o	*	54	43	0.05	
Yarmouth ...	30.16	48	N	5	o	30.22	+ .10	47	46	- .3	NNE	5	o	*	52	45	0.36	
The Helder ...						30.13	+ .12	50	48	- .2	NNE	2	o	*	*	*	0.04	
Cape Gris Nez ...	30.12	50	N	6	o	30.10	- .02	48	48	- .2	NNE	6	+	3	55	43	0.12	
Brest ...	30.24	59	NE	2	m	30.26	+ .01	52	48	+ .2	ENE	2	o	2	?	45	-	
L'Orient ...	29.81	57	NE	3	c	30.28	- .04	50	48	0	NE	3	c	3	57	45	0.08	
Rochefort ...	30.10	63	NNN	4	bc	30.15	+ .03	55	52	+ .3	NE	4	b	5	66	45	0.12	
Biarritz ...	30.05	63	NNN	3	b	30.09	- .04	54	54	- .1	NNN	3	c	3	?	48	-	
Corunna ...																		
Brussels ...						30.05	+ .05	47	*	- .4	?	?	+	*	*	*	0.28	
Charleville ...						29.98	+ .05	49	*	+ .1	N	3	o	*	*	*	*	
Paris ...	30.06	52	NN	3	+	30.05	.00	48	*	0	NN	3	o	*	*	*	-	
Lyons ...						30.10	+ .15	54	*	0	N	4	b	*	*	*	*	
Toulon ...	29.80	?	NN	5	b	29.97	+ .14	57	52	+ .9	E	1	b	4	72	?	45	

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

	Bar.	Dry.	Wet.	Wind.	Wcs.	Sea.		Bar.	Dry.	Wet.	Wind.	Wcs.	Sea.		
Skudesnaes ...	30.22	50	46	NN	5	bc	2	Valencia	30.33	61	55	NN	3	bc	3
Thurso	30.49	47	43	N	3	o	3	Scilly							
Scarborough ...	30.30	46	44	N	4	o	4	London	30.20	52	49	N NE	3	o	*
Greencastle ...	30.41	55	47	N NE	2	c	*	Rochefort ...	30.14	57	52	NNN	4	c	3
Holyhead	30.34	53	52	NE	3	bc	2								

No important change.

EXPLANATION OF COLUMNS.

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

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

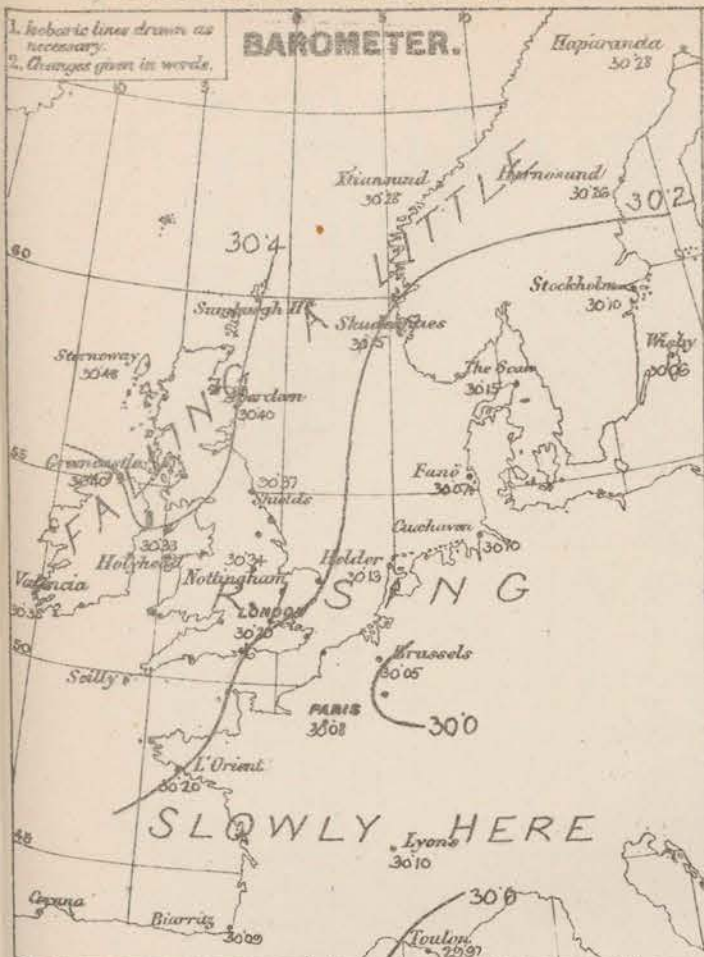
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on ~~Thurs~~ day 22nd MAY 1877.

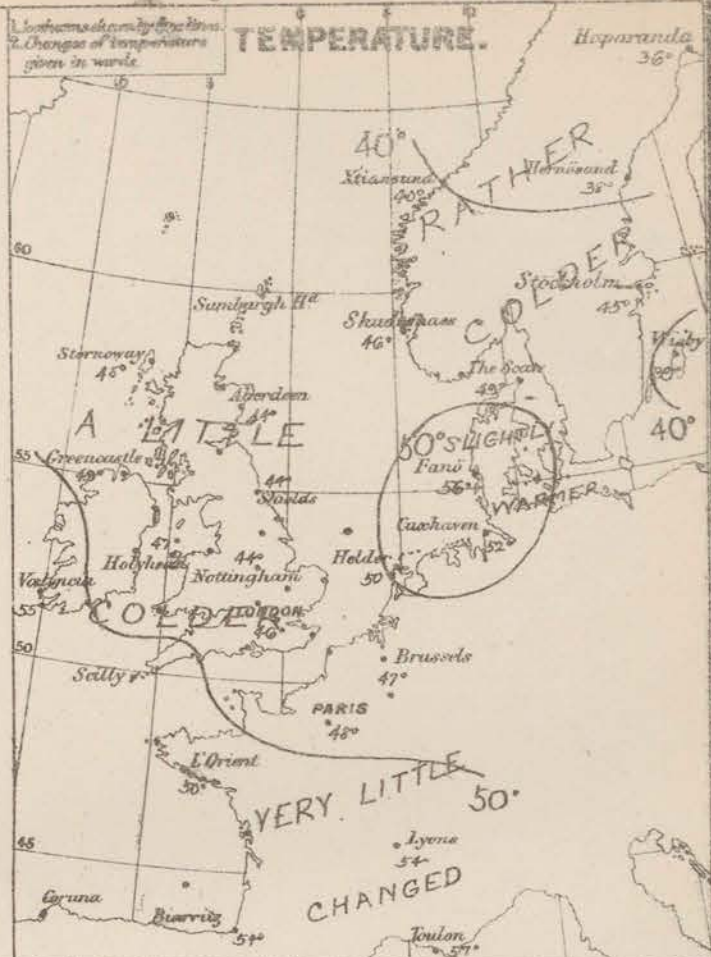
1. Isobars are drawn as necessary.
2. Changes given in words.

BAROMETER.



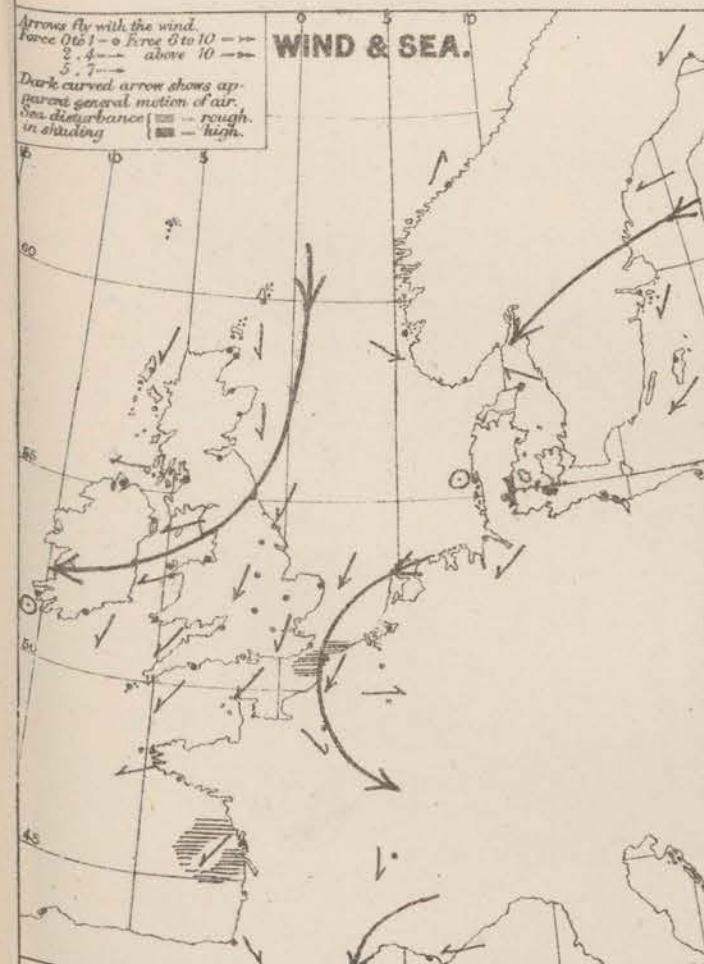
1. Isobars drawn as necessary.
2. Changes of temperature given in words.

TEMPERATURE.



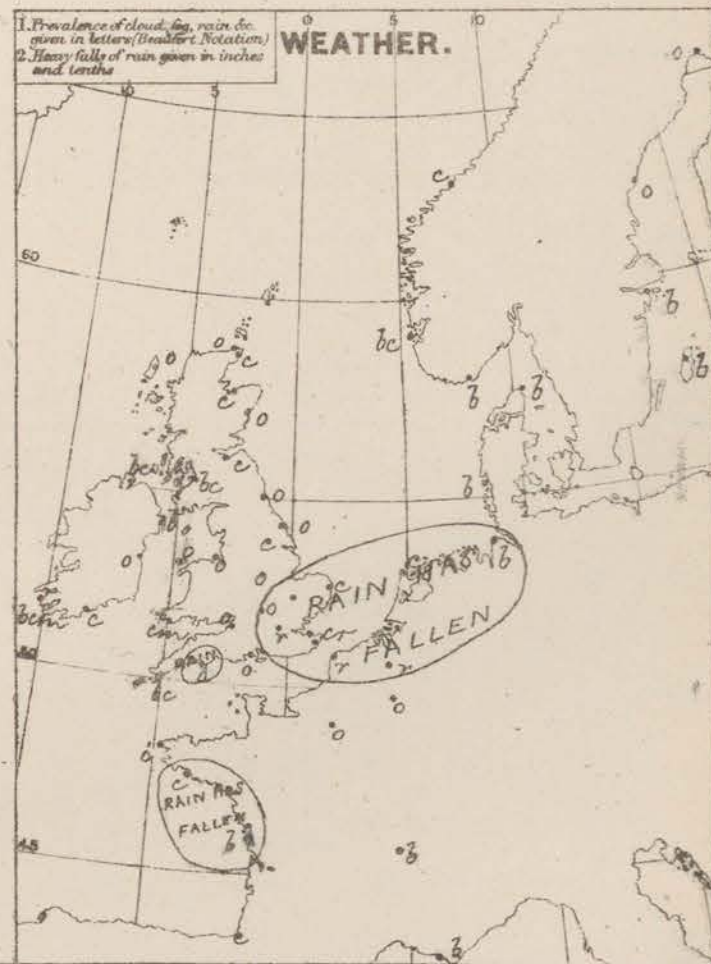
Arrows fly with the wind.
Force 0 to 1 - 0 Force 8 to 10 - 8
2 - 4 - above 10 - 10
5 - 7 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance [] - rough in shading [] - high.

WIND & SEA.



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

WEATHER.



REMARKS. During the past twenty-four hours the barometer has risen somewhat over France, England and Ireland and fallen in Scotland but the changes have not been sufficient to change the general distribution of pressure, so that the highest readings are still found over our northern stations, and the lowest in the east and south of France. In consequence the winds continue N⁴ to NNE² on nearly all coasts but gradients having decreased the wind is now moderate in force in most places. Temperature has fallen except in France, and the weather is very cold and raw over these islands. The sky is clear at many of the French, Danish and Swedish stations but is overcast or cloudy elsewhere, with rain in the south-east. The sea is moderate to slight.

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

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT *MAY 23RD* 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 320 P. and Sea Level.	Difference from 8 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.27	37	NE	4	c	30.24	+ .06	34	30	- 2	NE	4	o	*	*	*	-	
Hernösand ...	30.26	36	Z	o	b.	30.27	+ .01	34	32	- 4	N	6	o	*	*	*	-	
Stockholm ...	30.14	37	N	6	c	30.17	+ .07	36	35	- 9	N	6	o	*	*	*	-	
Wisby ...	30.10	39	ENE	4	b	30.09	+ .03	35	33	- 4	ENE	6	o	*	*	*	-	
Christiansund ...	30.29	42	NNE	4	b	30.23	- .05	45	38	+ 5	ENE	4	b	4	45	36	-	
Skudesnaes ...	30.08	45	NNW	6	b	30.18	+ .03	49	45	+ 3	E	2	c	2	50	45	-	
Oxö (Klansand) ...	30.11	48	SE	2	c	30.15	+ .02	47	44	+ 2	NE	4	b	3	52	43	-	
Skagen (The Seaw) ...	30.13	49	NE	3	b	30.13	- .02	48	43	- 1	NE	15	c	*	64	43	-	
Fanö ...	30.03	46	NNW	4	b	30.04	- .03	53	45	- 3	NNW	4	c	*	64	43	-	
Cuxhaven ...	30.10	4	N	2	b	30.10	.00	56	50	+ 4	E	1	b	*	4	45	-	
Somburgh Head																		
Stornoway	30.46	46	NE	3	b	30.41	- .07	47	45	+ 2	N	1	c	3	49	37	-	
Thurso ...	30.43	43	NNE	4	c	30.37	- .10	45	45	+ 1	NNW	2	o	2	50	41	-	
Wick ...	30.42	43	N	3	o	30.37	- .06	45	42	+ 1	NNW	2	o	1	53	35	-	
Nairn ...	30.44	45	ENE	1	b	30.40	- .07	45	41	+ 2	ENE	1	b	2	50	40	-	
Aberdeen ...	30.37	45	N	4	c	30.33	- .07	45	41	+ 1	N	3	b	2	48	40	-	
Leith ...	30.37	45	SE	4	b	30.36	- .05	45	42	o	N	2	c	*	53	39	-	
Shields ...	30.35	45	NNE	4	c	30.32	- .05	44	42	o	N	5	c	4	48	40	0.03	
York ...	30.33	45	N	2	o	30.29	- .05	45	41	- 1	N	3	o	*	50	35	-	
Scarborough ...	30.30	44	NNE	3	o	30.26	- .06	47	44	+ 3	N	3	c	4	48	41	-	
Nottingham ...	30.31	46	NNE	5	o	30.29	- .05	45	42	+ 1	NNE	4	o	*	50	39	-	
Ardrossan ...	30.35	53	NNE	4	o	30.38	- .04	46	42	- 2	ENE	2	om	1	59	41	-	
Greencastle ...	30.39	50	NNE	1	b	30.33	- .07	48	46	- 1	W	1	c	*	53	40	-	
Donaghadee ...	30.38	53	NNE	3	b	30.38	- .04	47	44	+ 1	NE	4	c	3	56	43	-	
Kingstown ...	30.36	49	NNE	4	c	30.36	- .02	48	44	+ 1	NE	3	b	3	49	46	-	
Holyhead ...	30.31	49	NNE	4	c	30.32	- .01	45	42	- 2	ENE	3	b	3	54	42	-	
Liverpool (Bidston) ...	30.31	49	NE	3	o	30.32	- .02	44	40	- 2	NE	2	b	1	52	39	-	
Valencia ...	30.31	58	NNE	4	c	30.32	- .03	52	46	- 3	NE	3	bm	3	60	43	-	
Roche's Point...	30.33	53	E	2	o	30.32	- .02	50	46	o	E	4	b	4	59	44	-	
Pembroke ...	30.38	51	NNW	1	c	30.28	- .02	46	41	- 1	NE	2	b	0	59	42	0.02	
Portishead	30.26	49	N	4	o	30.20	- .06	45	42	- 3	NNE	5	o	4	54	41	-	
Scilly ...																		
Plymouth ...	30.36	50	NE	1	o	30.28	+ .02	47	44	- 3	NE	2	o	*	53	43	-	
Hurst Castle ...	30.21	58	NNE	4	o	30.22	+ .01	46	46	- 1	NE	4	o	3	52	42	0.15	
Dover ...	30.16	45	NNE	5	c	30.17	+ .05	47	43	- 1	NE	4	c	3	50	44	0.16	
London ...	30.24	47	N	3	o	30.22	+ .02	45	42	- 1	NNE	2	o	*	51	42	0.01	
Oxford ...	*	*	*	*	*	30.25	- .01	45	42	- 2	N	2	o	*	50	41	-	
Cambridge ...	30.25	46	NNE	2	o	30.23	- .02	43	42	- 4	N	1	o	*	50	39	0.01	
Yarmouth ...	30.21	46	NNE	4	c	30.21	- .01	46	44	- 1	N	4	c	4	48	43	0.01	
The Helder ...	*	*	*	*	*	30.13	.00	47	43	- 3	N	2	c	*	*	*	-	
Cape Gris Nez	30.14	48	NNE	7	t	30.14	+ .06	48	45	o	NNE	6	o	5	52	45	0.12	
Brest ...	30.24	57	NE	3	o	30.21	- .05	48	46	- 4	ENE	2	m	2	57	45	-	
L'Orient ...	30.19	58	NNE	3	o	30.17	- .03	48	46	- 2	NNE	3	o	3	55	45	-	
Rochefort ...	30.07	63	NNW	3	b	30.06	- .09	52	50	- 3	NNE	2	b	3	?	46	-	
Biarritz ...	30.06	57	NNW	4	b	30.04	- .05	54	50	o	ENE	1	c	3	61	48	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.10	+ .05	44	*	- 0.4	N	3	o	*	*	*	0.09	
Charleville ...	*	*	*	*	*	29.97	- .01	48	*	- 1	NNE	6	*	*	*	*	*	
Paris ...	30.08	50	NE	3	t	30.08	.00	48	*	o	NE	4	o	*	*	*	0.04	
Lyons ...	*	*	*	*	*	30.13	+ .03	55	*	+ 1	N	2	b	*	*	*	*	
Toulon ...	29.97	64	W	8	b	29.98	+ .01	57	48	o	ENE	2	b	3	68	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.08	50	44	NNW	8	b	3	Valencia	30.33	58	50	NNE	2	com	3
Thurso	30.45	46	48	NNE	14	c	3	Scilly							
Scarborough ...	30.31	46	43	N	4	o	4	London	30.22	49	47	NNE	3	o	*
Greencastle ...	30.40	50	45	NNE	1	b	*	Rochefort ...	30.11	59	54	NNW	4	b	3
Holyhead	30.33	57	47	ENE	4	c	3								

No important change.

EXPLANATION OF COLUMNS.

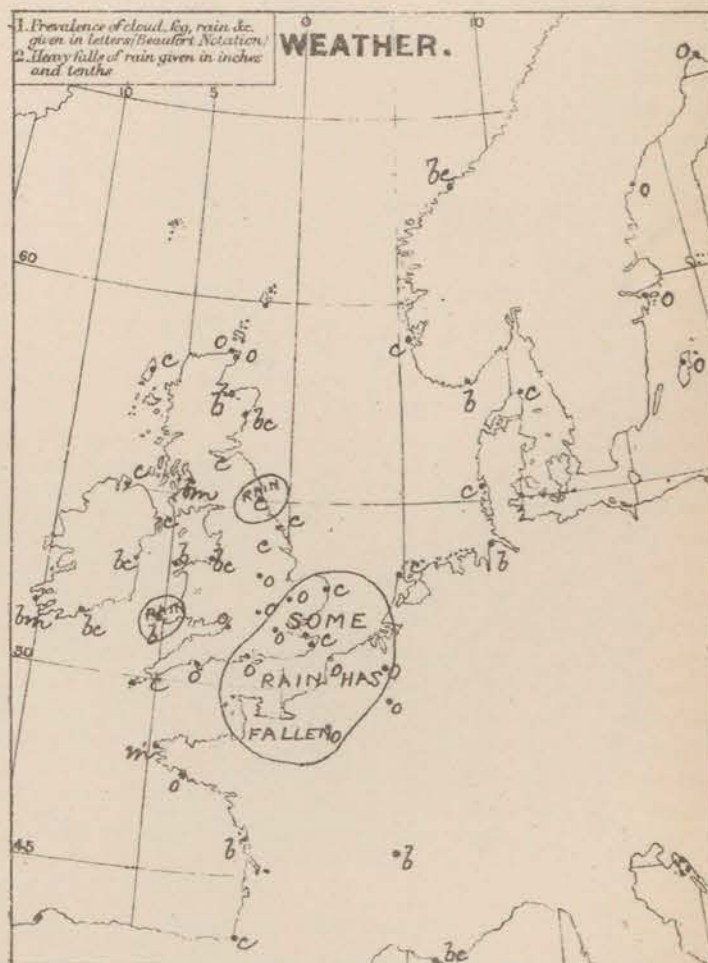
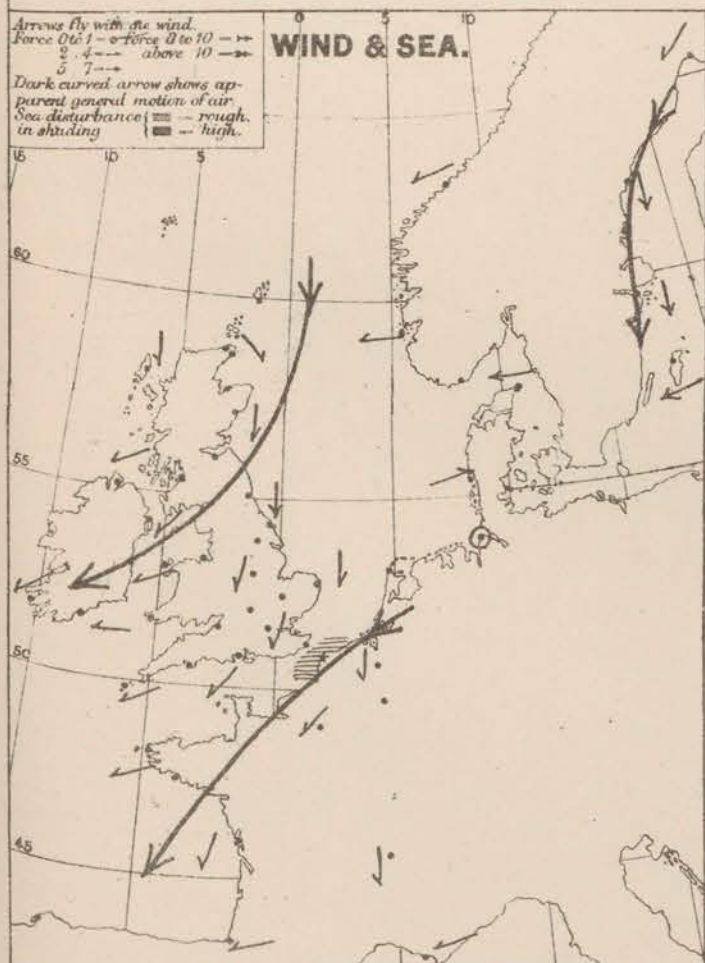
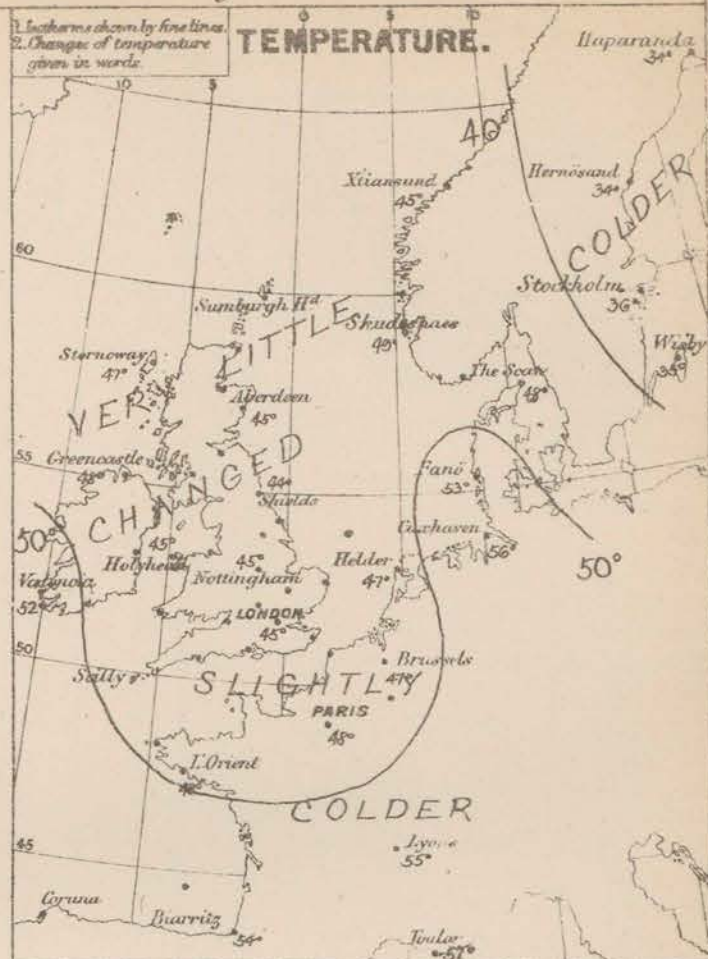
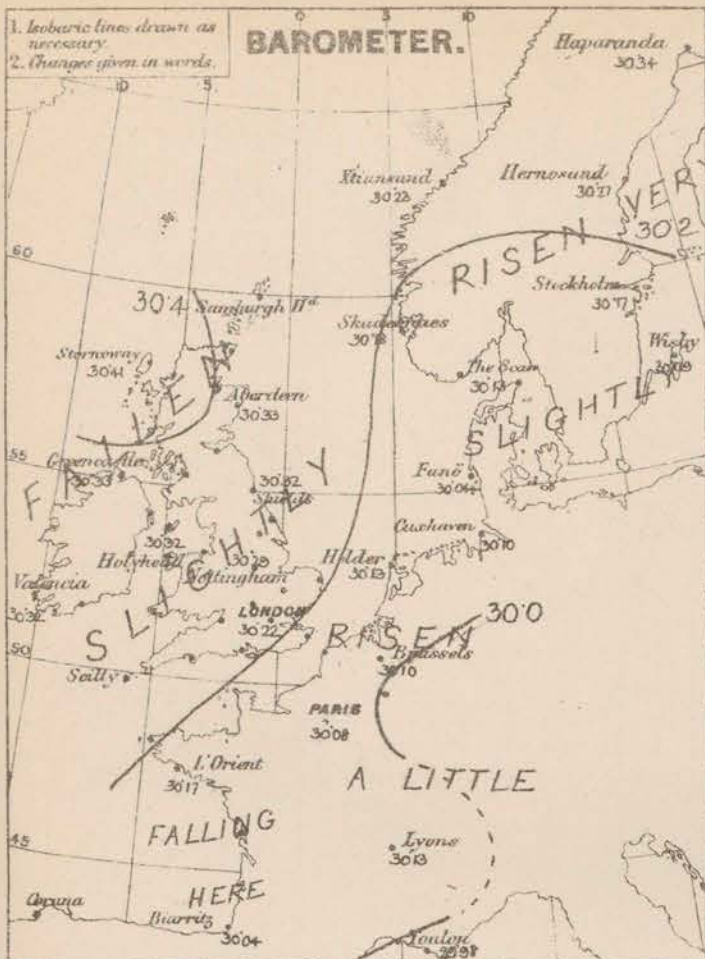
WEATHER.—Beaufort Scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Wednesday 23RD MAY 1877.



REMARKS. The changes in pressure continue very slight, and the general distribution is still unaltered, the highest readings being again reported from our north western stations, and the lowest over the east and south of France. During the past night, however, the mercury has been falling slightly in the north of these Islands and rising in the north east of France, so that though N^W to NE^E breezes continue on most coasts they are now generally moderate or light in force. On the shores of the Bay of Biscay also the barometer is falling. A further decrease of temperature has occurred except in Scotland and the west of Norway, and the weather is very cold for the time of year. In no part of Great Britain or the north of France does the thermometer stand as high as 50° this morning, and during the night it fell to 35° at York. The weather is dull except at some of the western stations, but very little rain has fallen. 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 MAY 24th 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.			
			Direc.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	30.36	32	N	4	o	30.36	+02	34	30	0	E	2	o	*	*	*	-		
Hernösand ...	30.31	34	E NE	4	o	30.30	+03	35	32	+1	E NE	4	f	*	*	*	-		
Stockholm ...	30.11	39	N NE	4	o	30.19	+02	41	40	+5	N	4	bc	*	*	*	-		
Wisby ...	30.16	34	N	4	f	30.17	+08	36	35	+1	N	4	o	*	*	*	-		
Christiansund ...	30.11	44	W SW	2	bc	30.05	-18	47	41	+2	SW	1	bc	2	?	34	-		
Skudesnaes ...	30.19	43	N NW	2	o	30.15	-03	45	44	-4	SW	4	f	3	?	43	-		
Oxö (Klansand) ...	30.16	48	NE	2	bc	30.19	+04	45	43	-2	S	2	o	1	50	39	-		
Skagen (The Seaw) ...	30.20	46	E	2	f	30.21	+08	49	42	+1	Z	0	bc	0	63	41	-		
Fanö ...	30.09	49	Z	0	o	30.13	+09	53	48	0	NE	2	f	*	57	41	-		
Cuxhaven ...	30.17	4	N	3	bc	30.17	+07	53	48	-3	SE	1	bc	*	4	45	-		
Sumburgh Head																			
Stornoway	30.35	53	N	1	f	30.26	-15	50	48	+3	N NW	3	o	4	54	41	-		
Thurso ...	30.30	49	N NW	3	bc	30.19	-18	47	46	+2	N NW	3	f	3	54	44	0.13		
Wick ...	30.30	45	N NW	3	o	30.19	-18	47	47	+2	N NW	3	f	1	54	43	0.03		
Nairn ...	30.33	48	SW	1	o	30.26	-44	47	45	+2	SW	1	o	1	52	44	-		
Aberdeen ...	30.39	50	N	3	bc	30.23	-10	50	44	+5	N NW	2	o	1	52	45	-		
Leith ...	30.32	49	E	3	bc	30.27	-09	50	46	+5	N	1	bc	*	57	39	-		
Shields ...	30.31	46	N NE	3	o	30.29	-03	49	45	+5	N	1	f	2	49	37	-		
York ...	30.28	48	N NE	4	o	30.28	-01	47	44	+2	N	1	f	*	53	40	0.01		
Scarborough ...	30.25	45	N	4	o	30.27	+01	48	45	+1	N NE	3	bc	3	49	43	-		
Nottingham ...	30.27	48	N NE	4	o	30.29	00	46	43	+1	N	4	o	*	53	42	-		
Ardrossan ...	30.31	50	N NW	3	bc	30.30	-08	49	45	+3	SW	1	bc	1	57	42	-		
Greencastle ...	30.33	52	E NE	2	bc	30.32	-01	51	47	+3	SW	1	bc	*	57	36	-		
Donaghadee ...	30.34	53	NE	3	bc	30.32	-06	51	46	+4	N NE	3	bc	2	56	42	-		
Kingstown ...	30.35	49	NE	4	bc	30.34	-02	47	44	-1	N NW	3	bc	3	50	44	-		
Holyhead ...	30.30	49	N	4	bc	30.30	-02	48	45	+3	NE	1	f	0	57	42	-		
Liverpool (Bidston) ...	30.27	50	N NW	2	o	30.31	-01	48	42	+4	NE	1	f	1	57	40	-		
Valencia ...	30.32	52	N NW	1	o	30.32	00	53	49	+1	E NE	1	cm	2	58	45	-		
Roche's Point ...	30.34	54	SE	3	bc	30.33	+01	47	43	-3	N NE	1	f	1	58	40	-		
Pembroke ...	30.26	49	N NE	3	bc	30.29	+01	47	43	+1	E	1	f	0	52	43	-		
Portishead ...	30.23	50	N NE	3	o	30.25	+05	45	42	0	N NE	3	o	3	53	38	-		
Scilly ...																			
Plymouth ...	30.22	49	NE	2	o	30.24	-04	49	46	+2	NE	4	f	*	52	44	-		
Hurst Castle ...	30.20	50	NE	4	o	30.23	+01	46	46	0	N NE	3	o	2	55	41	-		
Dover ...	30.18	49	NE	4	f	30.17	00	47	42	0	N	2	cg	2	57	44	-		
London ...	30.21	50	N NE	2	o	30.20	-02	47	42	+2	N NE	2	o	*	57	43	-		
Oxford ...						30.23	-02	47	45	+2	N	2	o	*	52	42	-		
Cambridge ...	30.23	48	N	2	o	30.20	-03	48	45	+5	N NE	2	o	*	54	41	0.04		
Yarmouth ...	30.19	49	N	3	bc	30.19	-02	49	45	+3	NE	2	bc	2	50	44	-		
The Heider ...						30.13	00	50	48	+3	N	1	bc	*	*	*	-		
Cape Gris Nez ...	30.23	48	N NE	4	bc	30.19	+03	48	43	0	NE	3	o	2	55	45	-		
Brest ...	30.20	55	E NE	3	m	30.22	+01	50	46	+2	E NE	2	m	2	?	45	-		
L'Orient ...	30.15	48	NE	3	o	30.18	+01	48	43	0	E NE	4	o	3	54	25	-		
Roche fort ...	30.03	61	N NW	4	bc	30.04	-02	54	52	+2	NE	5	o	3	61	45	-		
Biarritz ...	30.01	63	N NW	1	o	30.05	+01	54	54	0	SW	2	f	3	?	48	0.10		
Corunna ...																			
Brussels ...						30.14	+04	48		+1	N NW	1	o	*	*	*	-		
Charleville ...						30.03	+06	47		-1	E	6	o	*	*	*	-		
Paris ...	30.09	50	NE	3	o	30.11	+03	45		-3	NE	4	o	*	*	*	-		
Lyons ...						30.03	-10	56		+1	NE	2	o	*	*	*	-		
Toulon ...	29.97	61	N	4	bc	29.96	-02	61	54	+5	N	3	o	3	68	55	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.18	48	44	N NW	4	f	2	Valencia	30.31	56	50	? SW	3	m	3
Thurso	30.33	52	48	N W	3	c	2	Scilly							
Scarborough ...	30.26	47	44	N NE	3	c	4	London	30.27	57	44	NE	4	bc	*
Greencastle ...	30.34	53	47	NE	2	f	*	Roche fort ...	30.06	61	54	N	3	f	3
Holyhead	30.31	49	44	N NE	4	bc	3								

The barometer still falls slowly in the N. but no other change of importance is reported.

EXPLANATION OF COLUMNS.

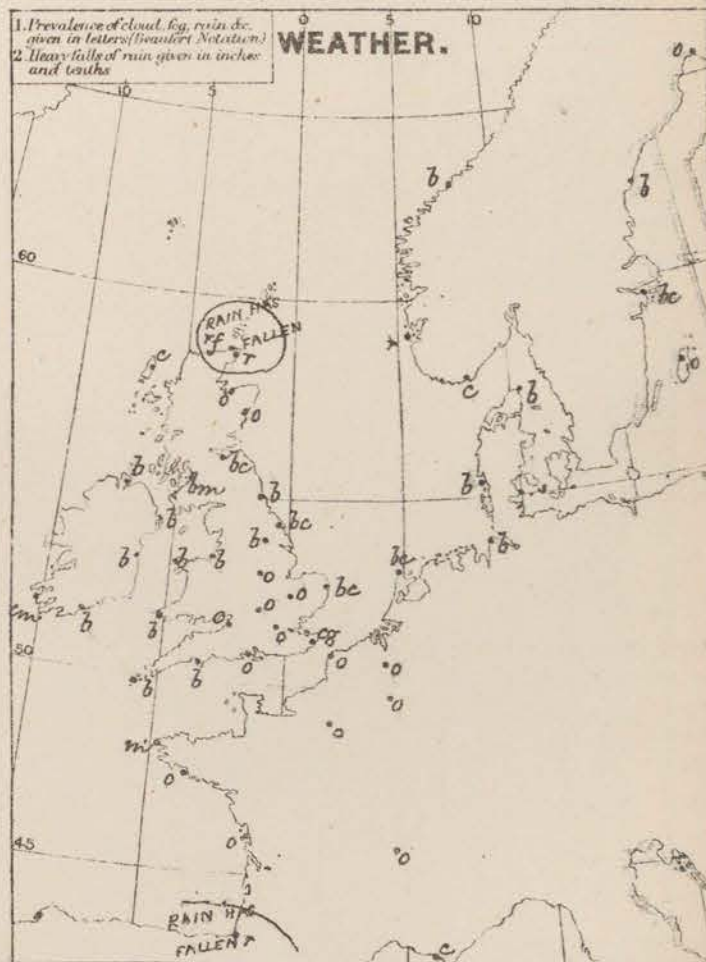
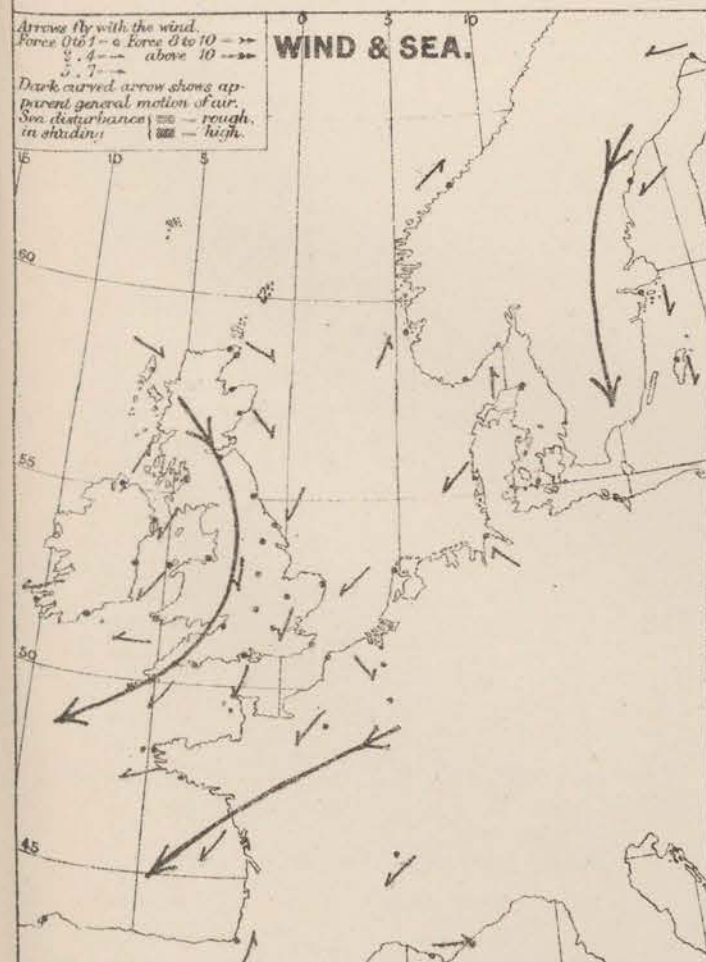
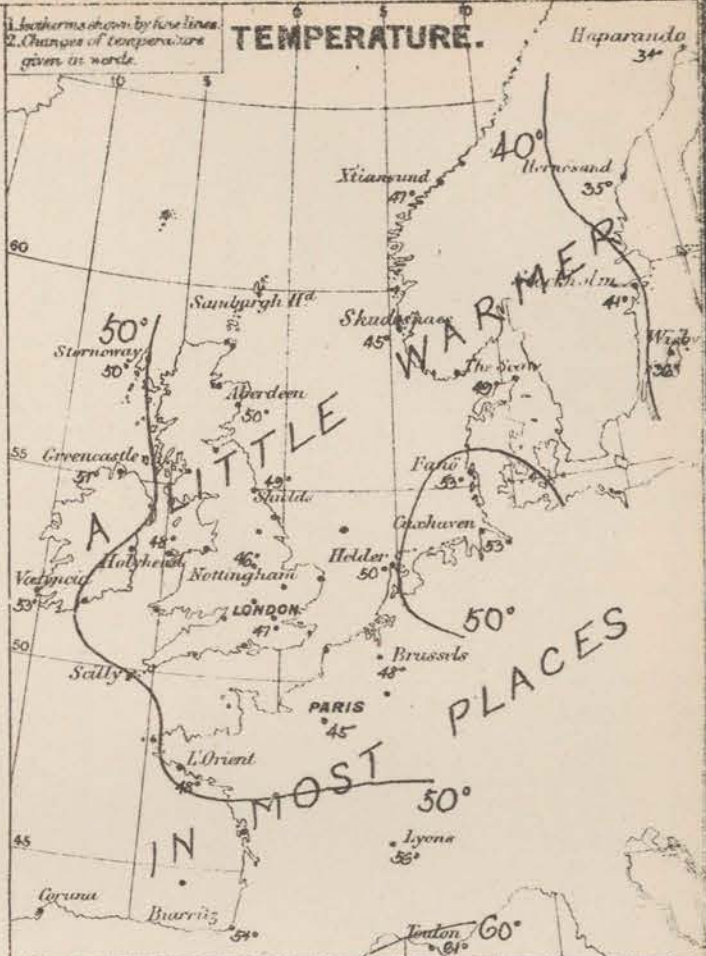
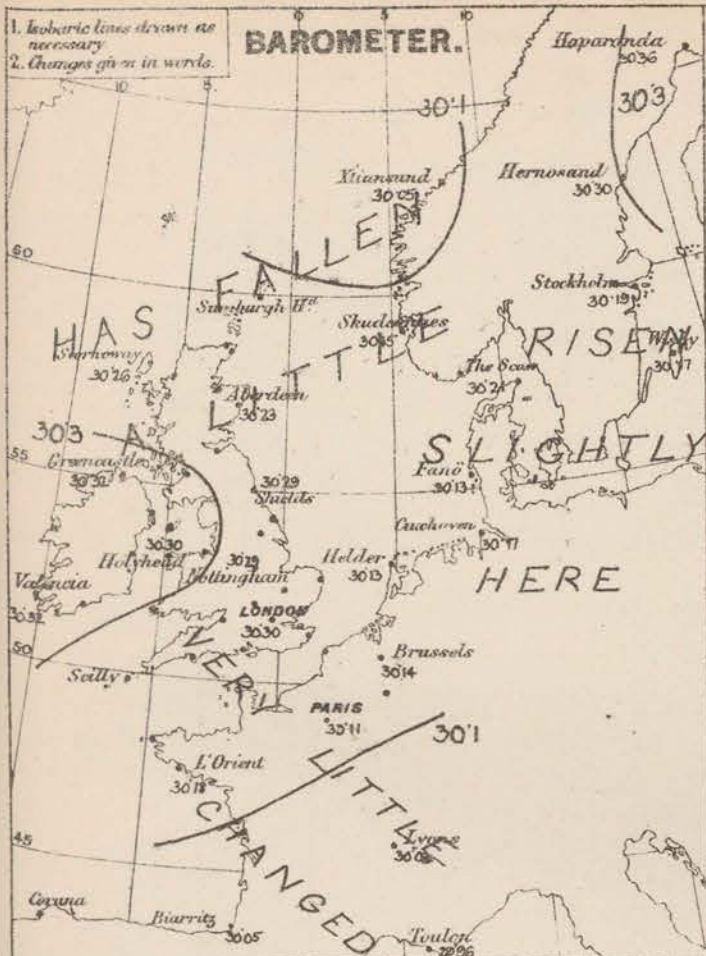
WEATHER.—Beaufort Scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 24TH MAY 1877.



REMARKS. The barometer is now falling steadily at the Scotch stations as well as in the west of Norway, while the tendency in France and the south of our Islands is to rise slightly. Readings are now high both in Ireland and Sweden. The wind has backed to WNW in Scotland, while it is SW in the west of Norway, but is still light. Over England the wind is N^W, in the Channel and Ireland it is light from NE, and in the Bay of Biscay moderate from the last named quarter. Temperature is rising a little in several places - most in the north and north west of our Islands. Rain has set in over Caithness and at Shetland. Over the greater part of our Islands and in North Germany the sky is much clearer than of late, but in France and the south of England it is still overcast. The sea is smooth or nearly so on all coasts.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT

MAY 25TH 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 8).	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 ...	30.25	31	SW	2	b	30.17	-.19	32	27	- 2	S	2	b	*	*	*	-	
Hernösand ...	30.23	34	SE	2	c	30.12	-.18	33	33	- 2	SE	4	s	*	*	*	0.04	
Stockholm ...	30.18	37	SSW	2	bc	30.13	-.06	41	37	0	S	2	c	*	*	*	-	
Wisby ...	30.16	32	N	4	f	30.19	+.02	35	34	- 1	NNH	4	bc	*	*	*	-	
Christiansund ...	29.93	45	WSW	3	r	29.95	-.10	41	40	- 6	SSW	3	r	3	59	36	1.70	
Skudesnaes ...	30.07	44	NNH	4	c	30.06	-.09	47	42	+ 2	SW	4	o	3	57	43	-	
Oxö (Xtiansand) ...	30.38	46	SSW	4	o	30.05	-.14	45	42	0	WSW	4	c	2	52	43	-	
Skagen (The Saaw) ...	30.15	50	SW	2	c	30.07	-.14	48	43	- 1	WSW	4	o	2	59	41	-	
Fanö ...	30.12	48	NNH	4	c	30.10	-.03	52	49	+ 1	WSW	4	bc	*	55	41	-	
Cuxhaven ...	30.16	4	N	3	c	30.16	-.01	56	54	+ 3	NNE	1	bc	*	4	46	-	
Sumburgh Head																		
Stornoway	30.22	49	NNH	3	r	30.11	-.15	48	47	- 2	N	3	d	3	54	44	0.14	
Thurso ...	30.19	47	Z	0	r	30.10	-.09	47	46	0	Z	0	o	1	57	44	0.43	
Wick ...	30.19	47	Z	0	r	30.10	-.09	47	46	0	E	2	o	0	53	42	0.28	
Nairn ...	30.21	50	N	1	r	30.14	-.12	48	45	+ 1	N	1	o	1	53	44	0.24	
Aberdeen ...	30.19	57	N	1	r	30.13	-.10	48	45	- 2	NN	2	r	1	55	44	0.17	
Leith ...	30.20	56	N	2	c	30.17	-.10	52	47	+ 2	N	3	bc	*	66	45	-	
Shields ...	30.24	50	SE	1	o	30.19	-.10	50	46	+ 1	NNH	2	bc	1	53	47	-	
York ...	30.25	54	SE	1	o	30.21	-.07	57	48	+ 4	NNH	1	o	*	59	40	-	
Scarborough ...	30.24	46	SE	1	o	30.19	-.08	50	48	+ 2	WSW	1	o	1	52	46	0.02	
Nottingham ...	30.26	53	NNE	2	b	30.24	-.05	50	48	+ 4	WSW	1	bc	*	58	45	-	
Ardrossan ...	30.26	54	NN	3	o	30.22	-.08	50	47	+ 1	NN	3	bc	2	59	47	-	
Greencastle ...	30.29	54	NE	1	b	30.22	-.10	50	46	- 1	NNH	1	a	*	59	39	-	
Donaghadee ...	30.18	53	NNE	3	bc	30.24	-.08	52	48	+ 1	NNE	2	b	1	57	47	-	
Kingstown ...	30.31	55	SE	1	b	30.26	-.08	52	48	+ 5	E	1	c	1	55	46	-	
Holyhead ...	30.27	52	N	2	b	30.25	-.05	50	49	+ 2	Z	0	om	0	54	42	-	
Liverpool (Bidston) ...	30.26	53	NN	1	b	30.29	-.02	49	46	+ 1	N	1	o	1	54	45	-	
Valencia ...	30.20	55	NN	3	b	30.31	-.01	54	49	+ 1	NN	1	bc	1	60	40	-	
Roche's Point... ..	30.32	59	NNH	3	bc	30.28	-.05	50	46	+ 3	NNE	3	b	3	62	44	-	
Pembroke ...	30.27	57	N	2	b	30.27	-.02	50	47	+ 3	Z	0	b	0	55	44	-	
Portishead ...	30.24	54	N	3	bc	30.25	-.00	49	46	+ 4	N	1	b	1	60	39	-	
Seilly ...																		
Plymouth ...	30.25	54	ENE	2	o	30.26	+.02	53	57	+ 4	N	2	b	*	59	41	-	
Hurst Castle ...	30.20	53	NNE	3	c	30.25	+.02	48	48	+ 2	ENE	2	o	2	53	40	-	
Dover ...	30.19	50	NE	2	b	30.26	+.09	53	49	+ 6	NNE	3	bc	1	50	45	-	
London ...	30.22	57	NNE	2	c	30.25	+.05	47	44	0	NE	2	bc	*	54	40	-	
Oxford ...	*	*	*	*	*	30.26	+.03	47	45	0	Z	0	m	*	56	33	-	
Cambridge ...	30.22	57	NNE	2	c	30.24	+.04	47	45	- 1	Z	0	o	*	55	35	-	
Yarmouth ...	30.21	50	NNE	3	bc	30.23	+.04	50	47	+ 1	NNE	1	b	1	53	43	-	
The Helder... ..	*	*	*	*	*	30.19	+.06	57	49	+ 1	N	1	bc	*	*	*	-	
Cape Gris Nez	30.19	48	NE	2	a	30.23	+.04	52	50	+ 4	NE	2	c	4	54	47	-	
Brest ...	30.26	?	NE	3	b	30.27	+.05	50	48	0	NE	2	m	2	55	37	-	
L'Orient ...	30.21	50	ENE	3	o	30.28	+ .10	48	45	0	ENE	3	b	3	55	39	-	
Rochefort ...	30.10	63	N	4	b	30.18	+.14	58	52	+ 1	NE	3	o	3	64	46	-	
Biarritz ...	30.12	64	N	3	bc	30.13	+.08	55	52	+ 1	NE	1	o	3	?	50	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.18	+.04	48	*	0	NN	1	b	*	*	*	-	
Charleville ...	*	*	*	*	*	30.06	+.03	52	*	+ 5	SSW	1	b	*	*	*	-	
Paris ...	30.12	52	N	3	o	30.18	+.07	48	*	+ 3	NN	4	c	*	*	*	-	
Lyons ...	*	*	*	*	*	30.13	+.10	58	*	+ 2	N	?	o	*	*	*	-	
Toulon ...	29.99	55	SW	5	m	30.01	+.05	54	50	- 7	N	4	m	6	?	?	0.32	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.10	46	46	S	4	f	3	Valencia	30.31	56	49	NN	2	c	2
Thurso	30.19	49	47	NN	2	c	2	Seilly							
Scarborough ...	30.27	49	46	NNE	2	f	3	London	30.21	50	47	NNE	2	c	*
Greencastle ...	30.31	57	50	NE	1	f	*	Rochefort ...	30.08	61	52	NNE	4	c	3
Holyhead	30.30	57	48	? N	3	f	2								

No important change

EXPLANATION OF COLUMNS.

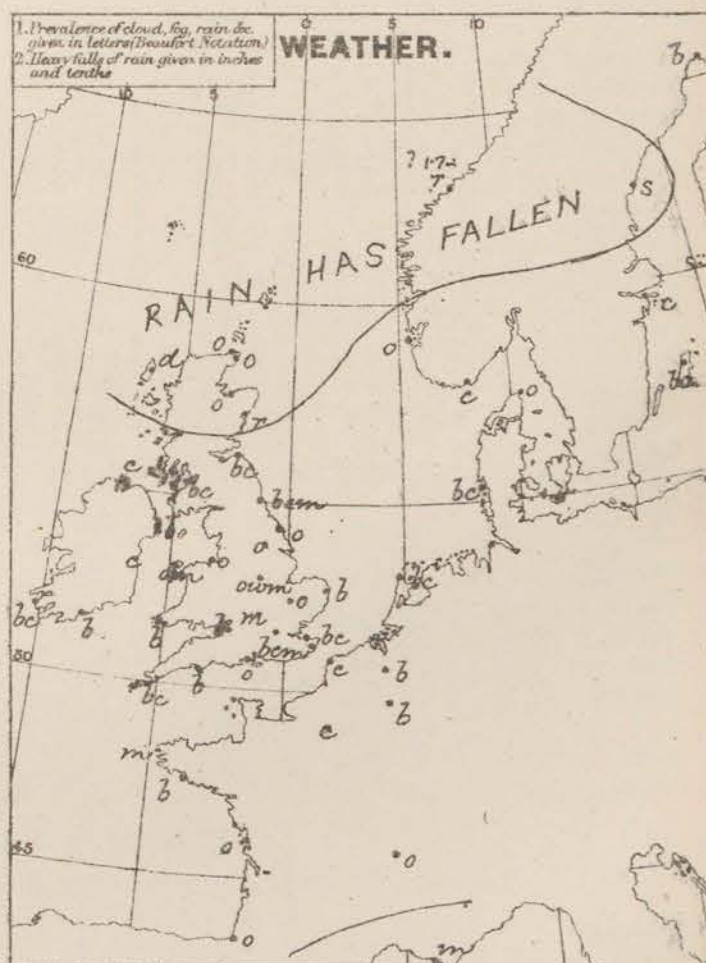
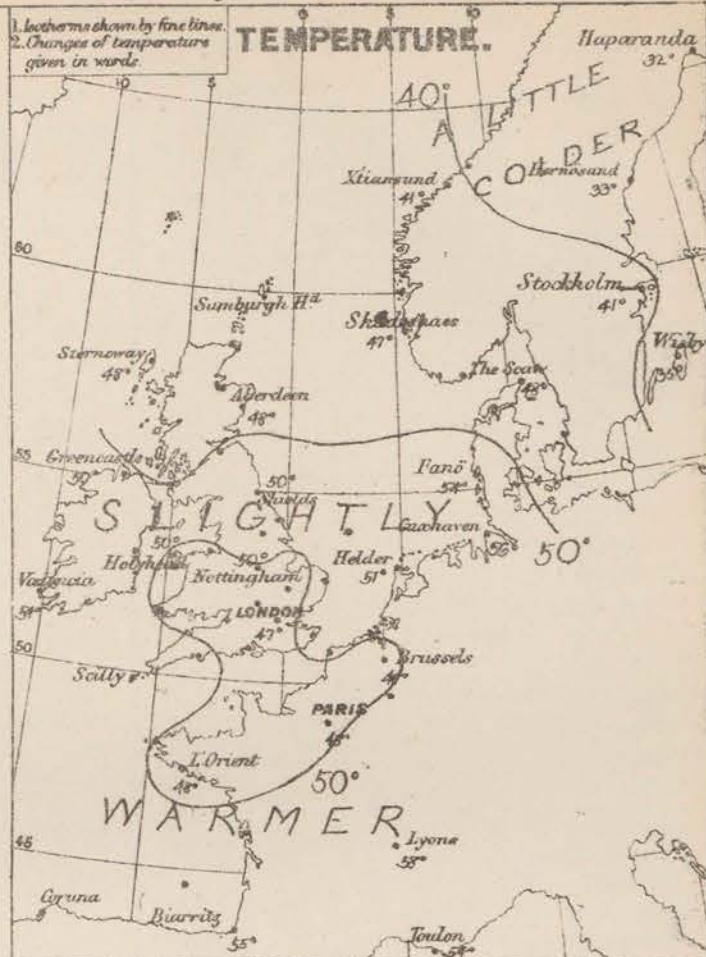
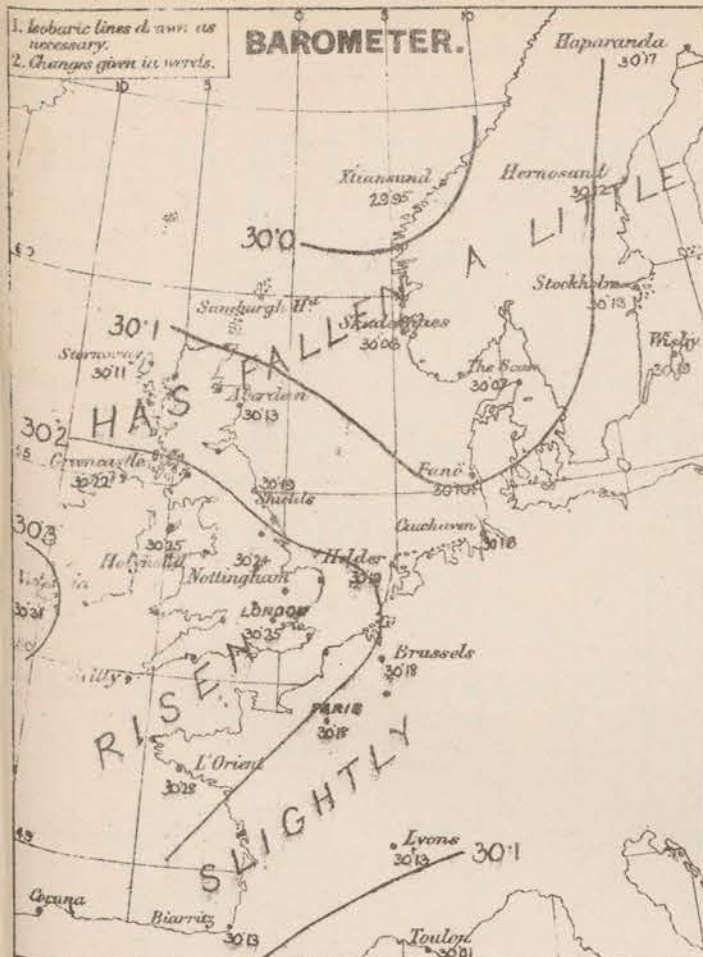
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

WEATHER CHARTS *for 8 a.m. on Friday 25th MAY 1877.*



REMARKS. Pressure is giving way this morning at all the more northern and western stations, while it is rising slightly in the south. A large area of high readings lies over Ireland and England, while a small depression is reported off the west coast of Norway but gradients are exceedingly slight, and the winds light in force. In Scandinavia the wind drives from SW in the south of Norway, through S over the Baltic into SE in the north of Sweden but elsewhere it is anti-cyclonic:— NW^{ly} breezes blowing in Scotland, N^{ly} in Holland and NE^{ly} in France, while over England and Ireland calms prevail. Temperature is inclined to rise, though the changes are at present very slight. Some rain is falling in the north of Scotland, but elsewhere the weather is dry and fine, and appears more settled than it has of late. The sea is slight in the Bay of Biscay and at Stornaway, very smooth elsewhere.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 6/- per quarter, book post 5/- per quarter.

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

R. H. SCOTT.
Director.

Langerfeldt Luth 22 Bedford St. Covent Garden.

DAILY WEATHER REPORT

MAY 26TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										DA		
	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 Rain.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.08	31	Z	0	b	30.00	-.17	37	34	+ 5	S	2	c	*	*	*	-	
Hernösand ...	29.95	35	E NE	2	o	29.98	-.34	36	35	+ 3	ESE	2	s	*	*	*	0.20	
Stockholm ...	29.97	41	S	2	+	29.83	-.30	41	41	0	SSH	4	o	*	*	*	0.08	
Wisby ...	30.14	41	SSH	6	o	29.98	-.21	41	40	+ 6	SSH	4	+	*	*	*	0.08	
Christiansund ...	29.93	41	SH	3	o	29.85	-.10	41	38	0	SH	6	c	5	45	36	-	
Skudesnaes ...	30.03	44	NNN	4	c	29.97	-.09	46	41	- 1	NNN	4	o	2	3	?	-	
Oxö (Klansand) ...	29.97	48	NNN	4	b	29.95	-.10	45	40	0	N	4	b	2	50	39	-	
Skagen (The Scaw) ...	29.97	44	N	6	b	29.92	-.15	48	42	0	NN	4	b	4	82	39	-	
Fanö ...	30.05	48	SSH	3	c	30.01	-.09	48	46	- 6	NNN	4	c	*	55	45	0.04	
Cuxhaven ...	30.13	4	NNN	2	b	30.09	-.07	52	48	- 4	NNN	5	o	*	4	48	-	
Sumburgh Head ...																		
Stornoway ...	30.10	50	NNN	4	b	29.97	-.14	51	48	+ 3	SH	2	b	3	55	44	0.04	
Thurso ...	30.06	46	NNE	1	+	29.97	-.13	51	48	+ 4	SSH	2	a	2	52	42	0.08	
Wick ...	30.07	48	Z	0	o	29.97	-.13	47	46	0	S	1	o	0	5	41	0.25	
Nairn ...	30.09	50	N	1	o	30.03	-.11	49	45	+ 1	N	1	b	1	55	45	0.09	
Aberdeen ...	30.09	48	Z	0	+	30.03	-.10	50	46	+ 2	NN	1	o	1	57	46	0.33	
Leith ...	30.10	57	NNN	2	b	30.07	-.10	54	50	+ 2	NNN	3	b	*	64	42	-	
Shields ...	30.15	50	S	1	o	30.11	-.08	51	46	+ 1	NNN	3	b	0	?	43	-	
York ...	30.18	54	NN	1	o	30.15	-.06	53	52	+ 2	NNN	3	b	*	60	42	-	
Scarborough ...	30.16	50	NNE	2	c	30.11	-.08	56	53	+ 6	NNN	2	b	2	57	45	-	
Nottingham ...	30.20	57	SSH	1	o	30.18	-.06	55	51	+ 5	S	1	own	*	64	40	-	
Ardrossan ...	30.17	56	NNN	3	b	30.11	-.11	49	47	- 1	SSH	2	o	2	59	48	-	
Greencastle ...	30.21	53	NNN	2	b	30.07	-.15	50	47	0	SH	2	b	*	57	45	-	
Donaghadee ...	30.20	52	NE	2	b	30.12	-.12	54	50	+ 2	SSH	3	b	2	58	43	-	
Kingstown ...	30.23	56	NN	4	c	30.18	-.08	54	48	+ 2	N	3	b	2	57	47	-	
Holyhead ...	30.21	53	SSH	3	o	30.17	-.08	54	52	+ 4	SH	2	c	1	60	49	-	
Liverpool (Bidston) ...	30.20	53	NNN	1	c	30.17	-.12	53	48	+ 4	NNN	1	b	1	58	47	-	
Valencia ...	30.28	56	NN	3	b	30.18	-.13	54	50	0	S	3	b	4	60	44	-	
Roche's Point... ..	30.26	57	NNN	3	b	30.22	-.06	52	47	+ 2	N	1	b	2	61	45	-	
Pembroke ...	30.24	55	NNN	1	b	30.20	-.07	55	52	+ 5	NNN	1	b	1	56	48	-	
Portishead ...	30.21	55	SH	1	c	30.19	-.06	55	49	+ 6	SSH	1	m	1	64	44	-	
Seilly ...																		
Plymouth ...	30.23	57	N	2	b	30.22	-.04	53	51	0	N	2	b	*	63	43	-	
Hurst Castle ...	30.22	54	SSH	3	b	30.21	-.04	52	52	+ 4	N	2	o	2	56	44	-	
Dover ...	30.19	52	E	1	b	30.20	-.06	52	49	- 1	N	2	b	1	56	48	-	
London ...	30.20	59	NNW	1	cm	30.19	-.06	55	52	+ 8	SH	1	cm	*	60	47	-	
Oxford ...	*	*	*	*	*	30.19	-.07	54	51	+ 7	Z	0	o	*	64	46	-	
Cambridge ...	30.19	59	NW	1	c	30.20	-.04	51	51	+ 4	NN	1	o	*	62	46	0.01	
Yarmouth ...	30.19	52	SE	1	b	30.16	-.07	52	52	+ 2	NNN	1	b	1	53	47	-	
The Helder ...	*	*	*	*	*	30.15	-.04	51	50	0	N	1	b	*	*	*	-	
Cape Gris Nez ...	30.22	52	E NE	2	b	30.22	-.01	52	50	0	SSH	2	o	1	59	?	-	
Brest ...	30.28	59	N	3	b	30.30	+ .03	52	48	+ 2	NNE	2	b	2	?	41	-	
L'Orient ...																		
Rochefort ...	30.16	63	NN	3	b	30.21	+ .03	59	55	+ 4	NE	2	b	2	64	45	-	
Biarritz ...	30.17	64	NN	3	b	30.23	+ .10	55	52	0	SSH	2	o	3	?	52	-	
Corunna ...	*	*	*	*	*												*	
Brussels ...	*	*	*	*	*	30.21	+ .03	57	*	+ 3	NNN	3	c	*	*	*	-	
Charleville ...	*	*	*	*	*	30.15	+ .09	57	*	- 1	S	3	b	*	*	*	*	
Paris ...	30.17	60	N	3	o	30.22	+ .04	55	*	+ 7	NE	1	m	*	*	*	-	
Lyons ...	*	*	*	*	*	30.16	+ .03	58	*	0	N	2	b	*	*	*	*	
Toulon ...	29.96	61	N	6	c	30.16	+ .05	61	54	+ 7	E	2	b	4	64	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.04	47	41	NN	6	b	3	Valencia	30.29	58	50	NN	3	b	2
Thurso	30.06	50	48	Z	0	o	1	Seilly							
Scarborough ...	30.17	51	48	N	1	c	1	London	30.21	58	52	N	2	cm	*
Greencastle ...	30.19	55	49	NNE	1	o	*	Rocheport ...	30.18	59	54	NN	3	b	2
Holyhead	30.23	56	53	NNE	2	c	1								

The barometer is falling slightly everywhere, but the winds remain unchanged.

EXPLANATION OF COLUMNS.

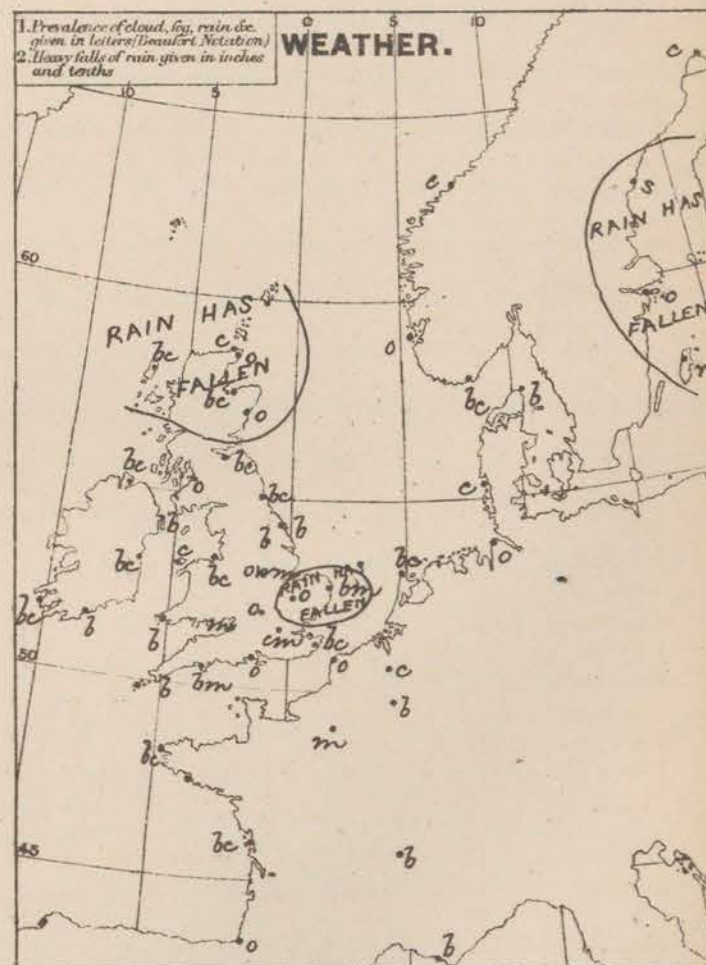
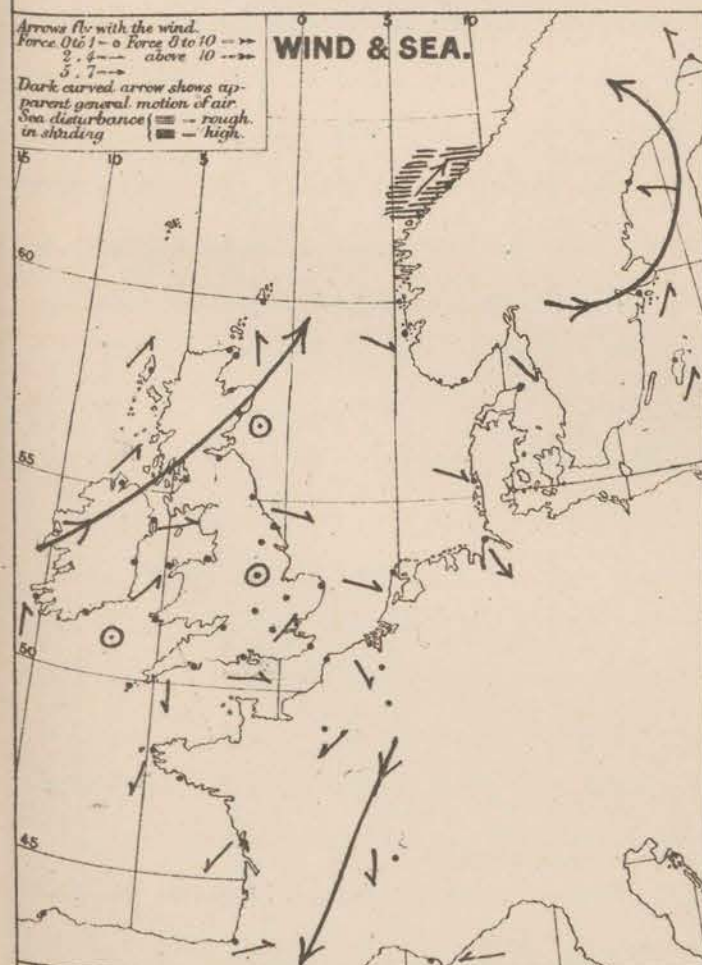
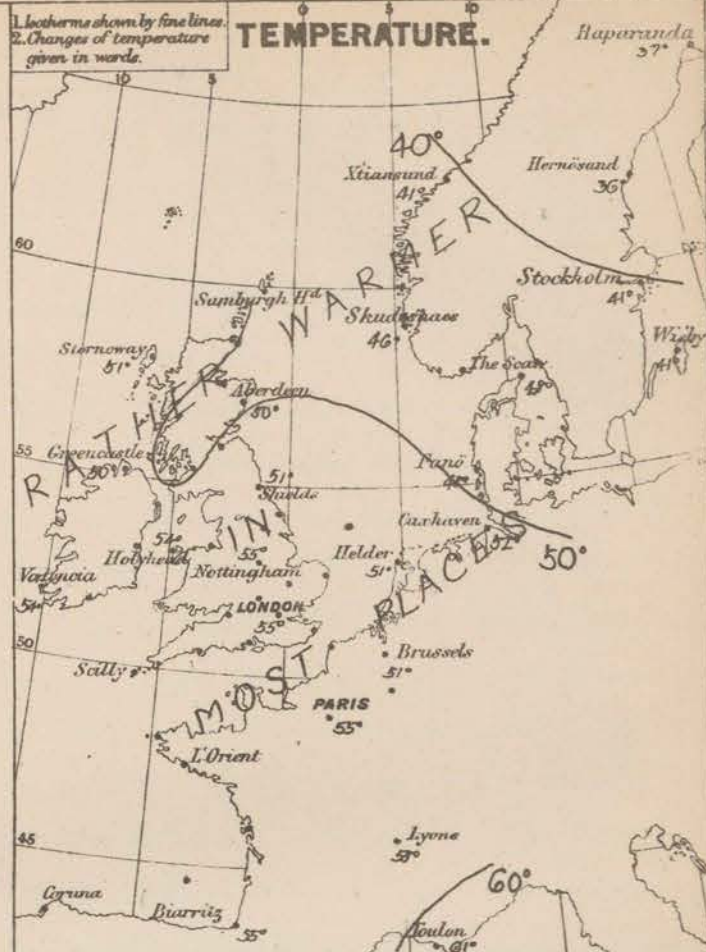
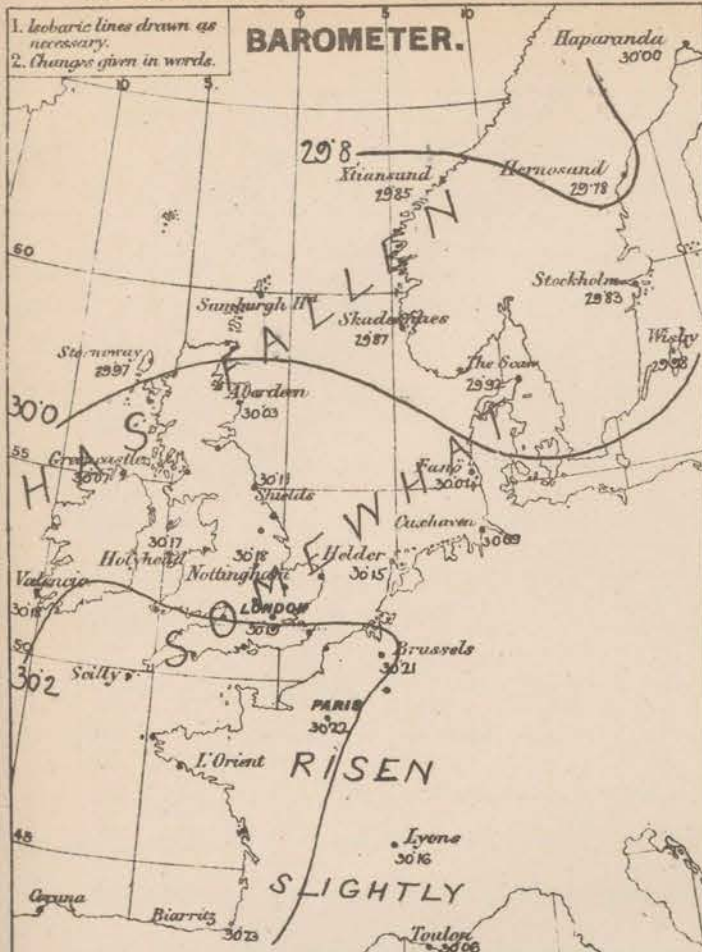
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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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 26TH MAY 1877.



REMARKS. The barometer has risen slightly during the past twenty-four hours over France but in all other parts of Western Europe it has fallen, the greatest change (-0.3 in.) having occurred in Sweden, over the north of which country a slight depression is now lying. At the same time the mercury has given way rather briskly during the night in the extreme west and northwest of these Islands, and slight disturbances appear to be approaching those coasts. An area of high readings is reported from the south of England and the north and west of France. The wind is light on all coasts:—from S. and SW in the extreme west; from W at nearly all our other stations, from NW and N. in Denmark, the Netherlands and the east of France, and from NE over the Bay of Biscay. In Scandinavia a separate circulation exists. Temperature, though changing slightly, is still rising steadily. In the south of England it rose to about 64° in the shade yesterday. A little rain has fallen in the north of Scotland but elsewhere the weather has been dry, and this morning, though the sky is rather cloudy and misty the weather is fine. The sea is rough off Christiansund, slight or smooth on all other coasts.

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

R. H. SCOTT.
Director.

SUMMARY OF WEATHER IN WESTERN EUROPE

from MAY 20th to MAY 26th 1877.

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

The weather during this period may be divided into two portions. At first pressure was highest off our NW. coasts, while a rather deep depression was travelling away SE^{ly} towards the Black Sea, so that N^{ly} to NE^{ly} winds prevailed generally with very cold dull weather. Towards the close of the week, however, the barometer began to give way in the N. and the area of high pressure gradually moved SE^{ly}, and on Saturday lay over the N. and N. of France. The wind also slowly backed from the NE^{ly} through NW. into N. while temperature rose slowly, and the weather improved considerably. On Saturday night the mercury was giving way briskly in the North, with rain over the whole of Scotland.

May 20th The depression whose sudden movement SE^{ly} was noticed at the close of the previous week, had travelled quickly during the night in a SE^{ly} direction, and its centre according to the Paris Bulletin, lay at 8 a.m. over Hungary, where it was occasioning very heavy rain and dull weather. The barometer still fell over France but in these Islands and the N. of Europe, a moderate to brisk recovery was in progress. The highest readings still lay off our NW^{ly} coasts, and the Polar current prevailed in all parts of our area. Over Scandinavia the direction was East of North, over the United Kingdom almost due North, and in France West of North. In force the wind was generally fresh and in places strong. Temperature had changed irregularly. The sky was overcast except in Ireland, and rain had fallen in the North and East. During the day the barometer continued to rise slowly over these Islands, and the increase extended to most of the French stations also, but the general conditions were unaltered.

May 21st The depression was disappearing over the Black Sea, and the barometer was rising generally in Western Europe. The change had been moderately uniform and was nowhere very great, so that the situation was practically unaltered. NE^{ly} winds consequently still prevailed over Scandinavia, N^{ly} to NNE^{ly} winds in the British Isles, and North of France, and NW^{ly} winds over the Gulf of Lyons. On both shores of the North Sea strong breezes were reported, but elsewhere the wind was moderate or light. Temperature showed a general tendency to decrease, but the changes were still rather irregular. The weather was dull except in Ireland with rain in some places. A slight fall of the barometer occurred at Valencia during the day, and a light SE^{ly} breeze appeared, but elsewhere the mercury still rose though slowly, and the wind remained in the N.

May 22nd A very slight decrease of pressure had occurred in Scotland and Scandinavia, while in Ireland the mercury had been steady, and in all ^{other} parts of Western Europe had risen slightly. The changes were, however, much too slight to affect the general distribution, so that readings were still highest in the NW, and lowest in the SE of Europe, and the winds generally N^{ly} to NE^{ly}. Temperature had fallen except at the French stations and the weather was very cold over these Islands. The sky was cloudy, and rain was falling in the SE. ^{During the day pressure decreased slightly except in the SE.} but the winds remained steadily NE^{ly}.

May 23rd The barometer still rose in the Netherlands, but over the whole of these Islands and the West of France it was falling. The changes were, however, still exceedingly slight, and the area of high pressure on our NW. Coast, and that of low pressure in SE^{ly} Europe still held their ground. In consequence the N^{ly} current continued general; blowing with moderate force on most coasts,

and causing a further decrease of temperature at most of our stations. The weather was extremely cold for the time of year, the maximum reading over Central England scarcely reaching 50° , while the minima were only about 40° , and at York as low as 35° F. The weather though dull except at some of the Western stations was generally dry. During the day the barometer began to fall rather more quickly in the N. and the winds became more variable.

May 24th Pressure had continued to fall steadily though slowly at our NW stations and in the West of Norway, while at our SE stations and over France the tendency was to increase. Readings were highest over Ireland and the NW of England, but were everywhere moderately uniform. The wind was light in force generally - from NW in Scotland, N in our other stations, and NE in France. Temperature was rising slightly in several places - most in the E. and NE. The sky was clear over Ireland and the North of England, but cloudy or overcast elsewhere. Later Reports showed no important changes.

May 25th A fresh decrease of pressure had occurred at all the more NW stations as well as on the Eastern shores of the North Sea, while over France and the Channel a further slight rise was reported. Readings were now highest off the SW coast of Ireland, while areas of comparatively low pressure lay one over SW Europe, the other off the NW coast of Norway. Gradients were exceedingly slight and the wind had still further decreased in force. It was still N in Scotland, and NE in France, but in England and Ireland calms prevailed. Temperature had risen generally. The changes were very slight, but the air felt much milder and the sky was clearing except in the N. By 6 P.M. the fall of the barometer had become general, but the changes were exceedingly small and unimportant.

May 26th A small depression which had advanced to the Gulf of Bothnia during the night had caused the barometer to fall rather briskly at the Swedish stations, while in all parts of these Islands the decrease noticed on the previous day still continued. In France the mercury had risen somewhat, and a large area of high pressure lay over the N. and N. of that country, and the S. of England. The winds continued light, but had shifted to S at Valencia, and to SW at our other extreme NW stations. On the remainder of our coasts it was N, in North Germany N, and at Rochefort NE. Temperature had again risen generally, though the changes continued slight. The weather though rather misty, was fine and dry. During the day the barometer began to fall rather briskly in the N. and N. and the S winds at Valencia increased to a strong breeze.

DAILY WEATHER REPORT MAY 27th 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 ...	29.78	36	S	2	c	29.76	-.24	36	36	- 1	Z	0	m	*	*	*	-	
Hernösand ...	29.67	33	NE	2	s	29.65	-.13	36	35	0	NE	2	o	*	*	*	0.39	
Stockholm ...	29.72	43	SW	4	t	29.70	-.13	48	46	+ 7	W	2	t	*	*	*	0.16	
Wibby ...	29.83	41	SW	6	bc	29.82	-.16	43	40	+ 2	W	4	bc	*	*	*	0.12	
Christiansund ...	29.78	41	WSW	5	t	29.60	-.25	44	38	+ 3	ESE	4	t	3	45	34	-	
Skudesnaes ...	29.88	45	WSW	4	o	29.63	-.24	47	46	+ 1	S	6	r	4	?	45	-	
Öxö (Åsnessund) ...	29.84	49	NW	4	c	29.78	-.17	47	45	+ 2	S	4	r	2	30	41	-	
Skagen (The Sæw) ...	29.85	43	WNW	4	t	29.80	-.12	48	44	0	ENE	4	bc	3	55	39	-	
Fasö ...	29.93	47	W	4	c	29.86	-.15	52	48	+ 4	SSW	4	c	*	52	46	-	
Cuxhaven ...	30.16	?	NW	2	bc	29.97	-.12	54	52	+ 2	SSW	1	o	*	?	48	-	
Semburgh Head																		
Stornoway ...	29.79	50	SSW	1	r	29.27	-.70	54	54	+ 3	SW	5	cu	5	54	45	0.85	
Thurso ...	29.83	47	Z	0	r	29.36	-.41	49	48	- 2	SSE	2	r	2	54	45	0.70	
Wick ...	29.82	47	S	1	r	29.35	-.42	49	48	+ 2	SSE	3	o	2	57	45	1.03	
Nairn ...	29.82	49	W	1	o	29.38	-.45	55	57	+ 6	W	1	o	1	55	46	0.22	
Aberdeen ...	29.95	52	S	1	r	29.47	-.56	57	49	+ 1	SSW	4	cu	1	55	47	0.24	
Leith ...	29.90	57	W	2	c	29.48	-.59	55	51	+ 1	SW	6	bc	*	61	48	0.01	
Shields ...	29.97	59	WSW	3	c	29.64	-.49	53	48	+ 2	WSW	2	qmc	1	60	49	-	
York ...	30.01	58	W	2	c	29.72	-.43	54	45	+ 1	SW	4	o	*	62	46	-	
Scarborough ...	30.00	58	WSW	1	c	29.70	-.41	54	48	- 2	SW	3	c	2	59	47	-	
Nottingham ...	30.05	61	SSW	2	o	29.80	-.38	56	57	+ 1	SSW	6	o	*	66	42	-	
Androsan ...	29.92	53	SW	3	o	29.50	-.61	51	49	+ 2	SSW	5	r	5	55	49	0.16	
Greencastle ...	29.88	57	WSW	2	o	29.44	-.63	52	57	+ 2	SW	3	o	*	63	49	0.05	
Donaghadee ...	29.93	54	S	4	o	29.53	-.59	52	52	- 2	SW	6	o	5	61	49	0.27	
Kingstown ...	30.00	60	WSW	3	c	29.58	-.60	56	52	+ 2	S	4	bc	3	62	52	-	
Holyhead ...	30.04	56	SW	4	t	29.68	-.49	50	50	- 4	SW	5	r	3	61	50	0.12	
Liverpool (Bdston) ...	30.03	57	WNW	1	c	29.73	-.44	49	47	- 4	SSW	2	r	1	61	47	0.06	
Valencia ...	29.98	55	S	6	o	29.43	-.75	55	54	+ 1	S	7	r	7	59	57	0.53	
Roche's Point... ..	30.02	55	SW	4	o	29.59	-.63	54	54	+ 2	SSW	7	r	5	62	50	0.25	
Pembroke ...	30.09	61	SW	1	t	29.75	-.45	57	49	- 4	SSW	5	o	4	62	50	-	
Portishead ...	30.09	59	SW	2	bc	29.87	-.32	52	43	- 3	SW	5	c	3	64	43	-	
Scilly ...																		
Plymouth ...	30.14	56	WSW	2	t	29.91	-.31	53	51	0	SW	4	o	*	63	50	-	
Hurst Castle ...	30.12	56	WSW	3	t	29.93	-.28	53	53	+ 1	SW	4	c	4	57	49	-	
Dover ...	30.12	53	WSW	3	t	29.97	-.23	54	52	+ 2	SW	3	bc	2	59	48	-	
London ...	30.09	63	WSW	1	t	29.92	-.27	56	49	+ 1	SSW	5	t	*	63	43	-	
Oxford ...	*	*	*	*	*	29.89	-.30	52	49	- 2	SW	3	o	*	67	42	-	
Cambridge ...	30.06	61	WNW	1	c	29.89	-.31	53	49	+ 2	SW	2	c*	*	64	41	-	
Yarmouth ...	30.09	53	SSE	1	t	29.99	-.17	55	48	+ 3	SW	5	bm	2	58	46	-	
The Helder ...	*	*	*	*	*	29.93	-.22	53	57	+ 2	SSW	2	c	*	*	*	-	
Cape Gris Nez ...	30.44	52	SW	1	t	29.99	-.23	52	50	0	SSW	3	t	2	57	48	-	
Brest ...	30.25	?	W	3	bc	30.02	-.28	54	50	+ 2	SW	3	o	3	57	45	-	
L'Orient ...	30.20	57	W	3	t	30.05	-.22	54	50	+ 2	WSW	3	o	3	61	43	-	
Rochefort ...	30.13	64	NW	3	t	30.04	-.17	61	57	+ 2	SSE	2	t	2	66	46	-	
Biarritz ...	30.16	64	W	4	t	30.06	-.17	59	54	+ 4	ENE	1	t	3	?	50	-	
Cerunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.02	-.19	54	*	+ 3	SW	1	t	*	*	*	-	
Charleville ...	*	*	*	*	*	30.03	-.12	57	*	0	SE	0	t	*	*	*	*	
Paris ...	30.15	62	SW	3	c	30.06	-.16	59	*	+ 4	S	2	t	*	*	*	-	
Lyons ...	*	*	*	*	*	30.14	-.02	59	*	+ 1	SE	2	t	*	*	*	*	
Toulon ...	30.02	66	SW	2	t	30.08	+ .02	61	55	0	S	1	t	2	73	61	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.93	47	42	W	4	c	3	Valencia	30.09	54	50	S	6	og	6
Thurso	29.89	53	48	WNW	2	o	3	Scilly							
Scarborough ...	30.07	57	47	SSE	2	c	2	London	30.14	63	56	WSW	1	c	*
Greencastle ...	?	60	52	SW	2	o	3	Rochefort ...	30.17	63	57	WNW	2	t	2
Holyhead	30.11	59	57	SW	4	t	3								

Pressure is decreasing everywhere - mark in the West, and the Southwesterly current at Valencia has increased to a strong breeze with a rough sea. -

EXPLANATION OF COLUMNS.

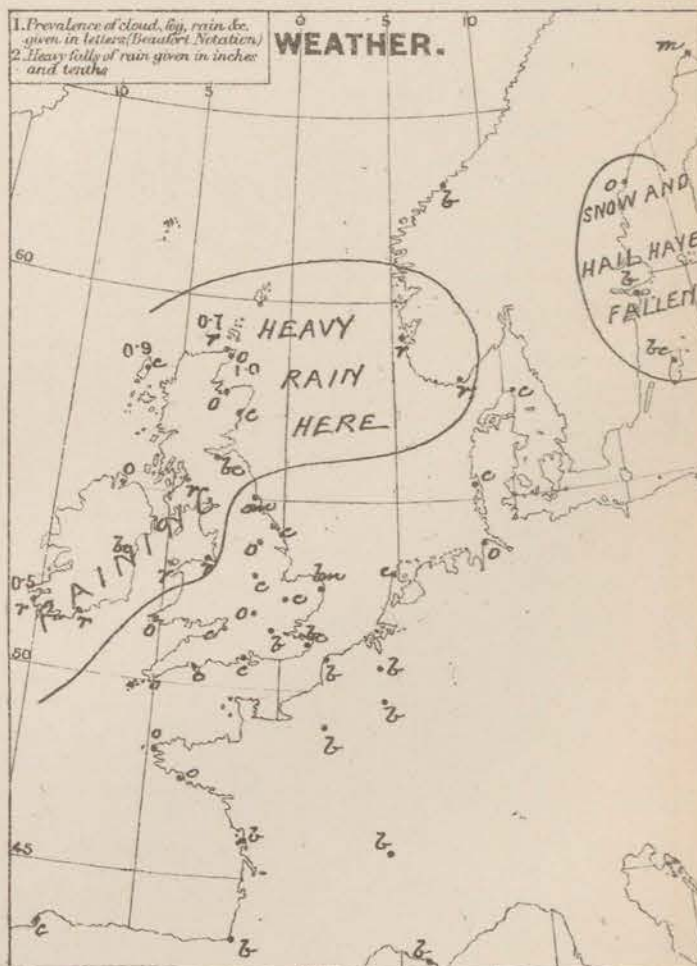
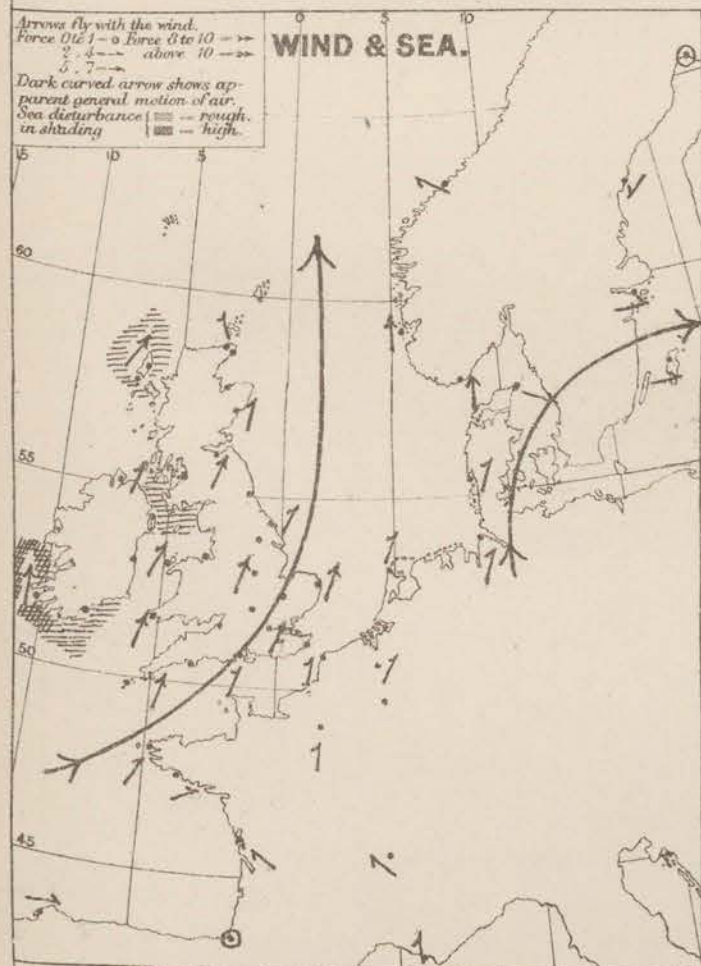
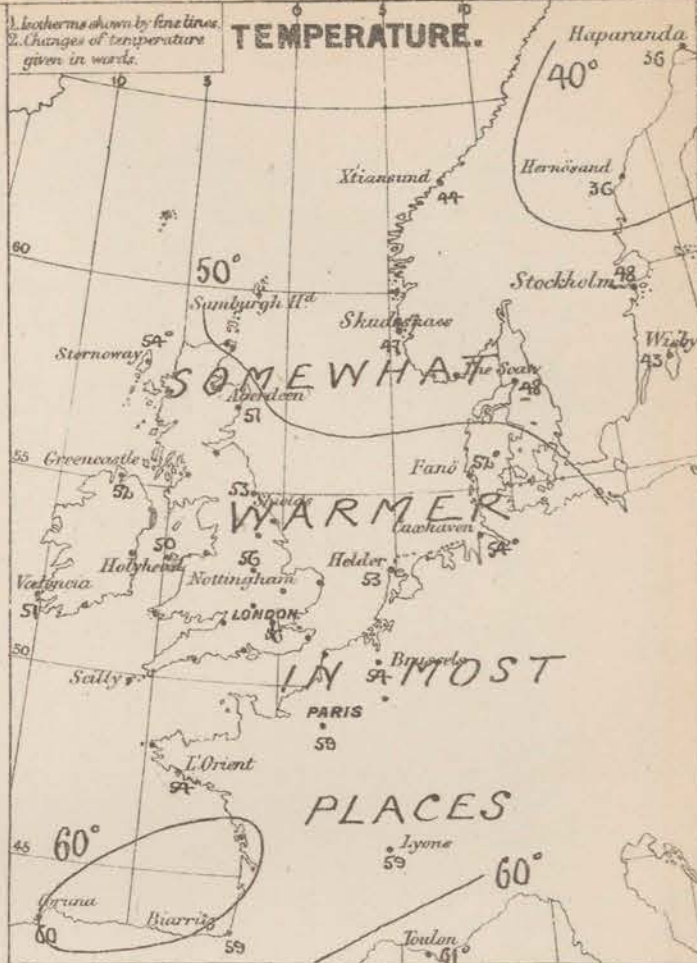
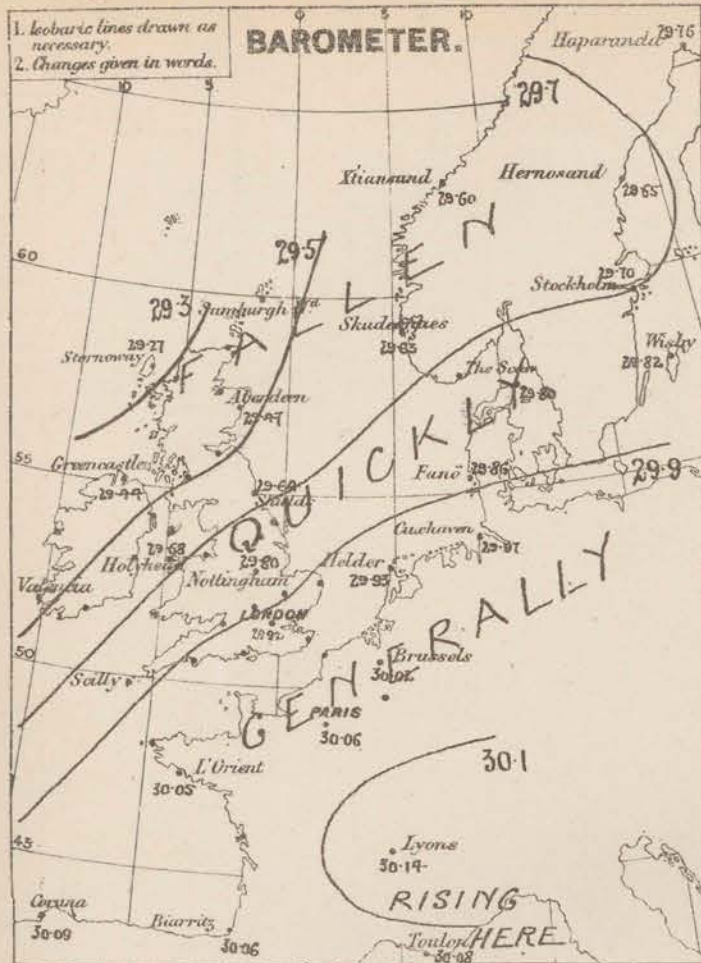
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Sun-day May 27th 1877.



REMARKS.

REMARKS. During last night pressure has decreased very quickly at our Wⁿ stations, and to a less extent in all other places, except London. At Stoneway the fall of the barometer amounts to seven tenths of an inch, but in the SE, the decrease is only about two tenths, and in consequence gradients have become very steep. Strong SW^{ly} winds prevail all over the United Kingdom, and at Valentia, Stoneway and Ardaraas have blown a moderate gale during the night. Over France very light winds are reported. A slight rise of temperature has occurred at nearly all stations. Heavy rain has fallen in the N and W, and continues in some places. Snow and hail are reported from Hemsund and Stockholm. Over France the sky is clear, but in our Islands and Scandinavia cloudy skies are general. The sea is high off the W. of Ireland, and rough in the NW, slight elsewhere.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT MAY 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.	
			Dirco.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.70	39	SE	2	o	29.67	-.09	40	36	+ 4	SE	2	f	*	*	*	-	
Hernösand ...	29.66	32	SSW	2	be	29.57	-.08	34	32	- 2	ESE	2	f	*	*	*	0.04	
Stockholm ...	29.67	48	SSW	2	o	29.50	-.11	49	48	+ 1	S	2	o	*	*	*	-	
Wisby ...	29.74	44	SSW	4	o	29.71	-.11	52	48	+ 9	SW	6	c	*	*	*	-	
Christiansund ...	29.41	47	ENE	1	o	29.17	-.43	52	45	+ 8	ESE	3	o	-	52	41	-	
Skudesnaes ...	29.41	47	SSE	8	o	29.14	-.49	48	47	+ 1	SSE	8	of	5	?	?	-	
Oxö (Xtiansand) ...	29.51	46	S	4	o	29.37	-.41	48	47	+ 1	SSE	4	o	3	?	41	-	
Skagen (The Sæw) ...	29.63	47	S	4	r	29.45	-.35	49	48	+ 1	SSW	3	mv	2	54	43	0.32	
Fanö ...	29.67	53	S	4	c	29.43	-.43	59	54	+ 7	SSW	6	be	*	59	50	-	
Cuxhaven ...	29.80	*	E	1	b	29.54	-.43	66	58	+ 12	SSW	3	b	*	*	50	-	
Sumburgh Head ...																		
Stornoway ...	29.04	51	S	15	r	28.73	-.34	51	50	- 3	SSW	2	o	3	58	43	0.37	
Thurso ...	29.08	54	SSE	2	r	28.74	-.62	50	49	+ 1	Z	0	om	1	63	48	0.90	
Wick ...	29.09	53	SSE	4	o	28.73	-.62	49	48	o	Z	0	r	3	57	46	0.05	
Nairn ...	29.09	55	SSW	1	o	28.75	-.63	54	57	- 1	Z	0	o	1	63	50	0.02	
Aberdeen ...	29.24	50	S	3	r	28.75	-.72	48	47	- 3	S	2	c	1	57	47	0.17	
Leith ...	29.19	55	SW	7	c	28.79	-.69	54	51	+ 1	SW	4	be	*	60	42	0.26	
Shields ...	29.24	54	SSW	5	o	28.91	-.73	57	57	- 2	SW	6	be	2	57	57	0.02	
York ...	29.45	54	S	3	o	29.03	-.69	55	50	+ 1	SSW	4	c	*	62	50	0.27	
Scarborough ...	29.45	55	SSW	3	r	28.99	-.71	57	57	+ 3	SW	6	b	5	60	50	0.11	
Nottingham ...	29.51	57	S	6	o	29.11	-.69	56	57	o	SSW	7	o	*	65	57	0.10	
Ardrossan ...	29.16	52	SSW	6	o	28.79	-.71	57	49	o	SSW	2	op	3	53	50	0.42	
Greencastle ...	29.05	57	S	4	o	28.70	-.74	50	48	- 2	S	2	r	*	58	46	0.16	
Donaghadee ...	29.17	52	SW	7	o	28.75	-.78	49	49	- 3	SW	6	r	5	53	47	0.35	
Kingstown ...	29.21	57	SSE	4	o	28.85	-.73	53	49	- 3	SSW	5	be	4	57	57	0.06	
Holyhead ...	29.33	57	SSW	7	r	28.93	-.75	57	57	+ 1	SSW	7	ag	6	53	49	1.17	
Liverpool (Bidston) ...	29.39	53	S	5	o	28.98	-.75	53	48	+ 4	SW	6	o	3	57	49	0.32	
Valencia ...	29.18	55	SSW	5	o	29.07	-.36	53	50	- 2	W	6	c	5	59	46	0.47	
Roche's Point... ..	29.24	54	SW	5	o	29.04	-.55	54	50	o	W	5	be	5	60	50	0.86	
Pembroke ...	29.42	57	SSW	7	r	29.14	-.61	53	50	+ 2	SW	8	o	6	53	47	0.85	
Portishead ...	29.56	54	SSW	6	o	29.20	-.67	54	50	+ 2	SW	6	c	5	60	49	0.30	
Scilly ...																		
Plymouth ...	29.58	54	S	4	o	29.29	-.62	55	53	+ 2	SW	6	o	*	58	50	0.43	
Hurst Castle ...	29.68	55	SSW	4	c	29.33	-.60	54	54	+ 1	SW	5	o	5	55	49	0.39	
Dover ...	29.71	55	SW	3	b	29.32	-.65	53	53	- 1	SW	5	ot	4	58	52	0.28	
London ...	29.69	60	SSW	5	bc	29.27	?	57	52	?	SW	7	bag	*	65	57	0.13	
Oxford ...	*	*	*	*	*	29.22	-.67	56	52	+ 4	SW	3	o	*	64	57	0.10	
Cambridge ...	29.60	57	SW	4	o	29.20	-.69	58	53	+ 5	SW	3	b	*	67	57	0.04	
Yarmouth ...	29.65	61	SSW	5	b	29.23	-.76	56	55	+ 1	SSW	5	c	3	66	52	-	
The Helder ...	*	*	*	*	*	29.36	-.57	61	53	+ 8	S	4	c	*	*	*	-	
Cape Gris Nez ...	29.78	57	SW	3	b	29.36	-.63	54	54	+ 2	SSW	8	r	6	61	48	0.20	
Brest ...	29.75	57	SSW	4	o	29.54	-.48	54	52	o	W	4	o	6	57	50	0.55	
L'Orient ...	29.84	54	SW	4	o	29.59	-.46	55	54	+ 1	SSW	5	b	7	61	52	0.39	
Rocheport ...	29.91	66	SW	3	be	29.75	-.29	59	57	- 2	W	5	r	4	72	46	-	
Biarritz ...	29.86	72	NNE	2	b	29.77	-.29	70	55	+ 11	SSW	5	be	3	77	54	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.52	-.30	60	*	+ 6	SSW	6	o	*	*	*	-	
Charleville ...	*	*	*	*	*	29.59	-.44	59	*	+ 8	S	6	o	*	*	*	*	
Paris ...	29.85	67	SW	4	b	29.60	-.46	57	*	- 2	S	5	o	*	*	*	*	
Lyons ...	*	*	*	*	*	29.92	-.22	64	*	+ 5	S	7	c	*	*	*	*	
Toulon ...	30.03	63	S	1	b	30.07	-.01	61	55	o	E	3	mv	2	?	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.49	47	46	SSE	8	r	5	Valencia							
Thurso								Scilly							
Scarborough ...								London					*		
Greencastle ...							*	Rocheport ...	28.99	68	59	SW	3	b	2
Holyhead															

EXPLANATION OF COLUMNS.

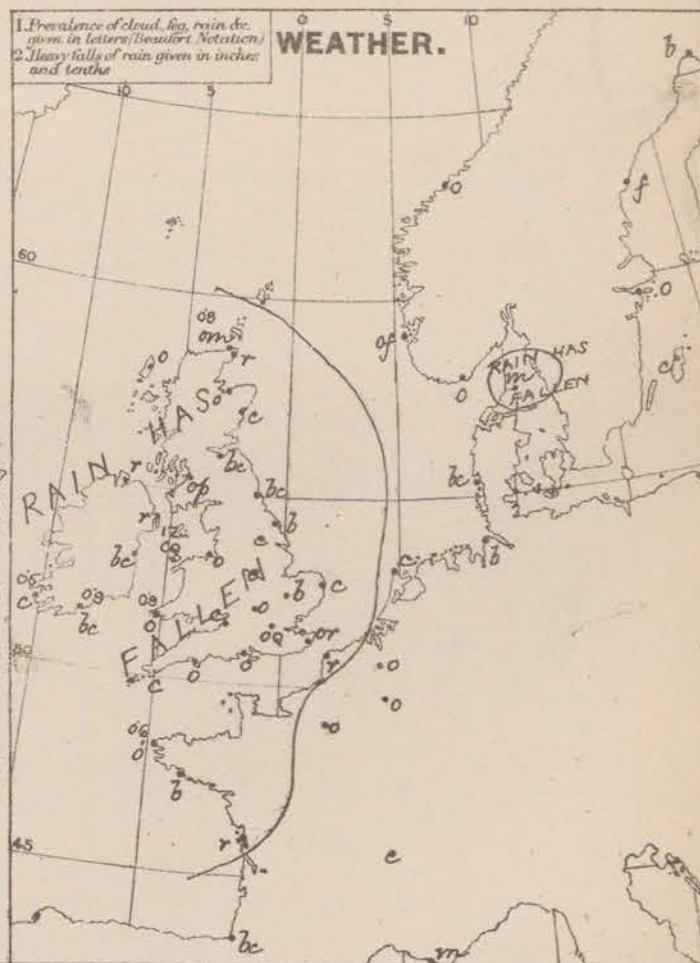
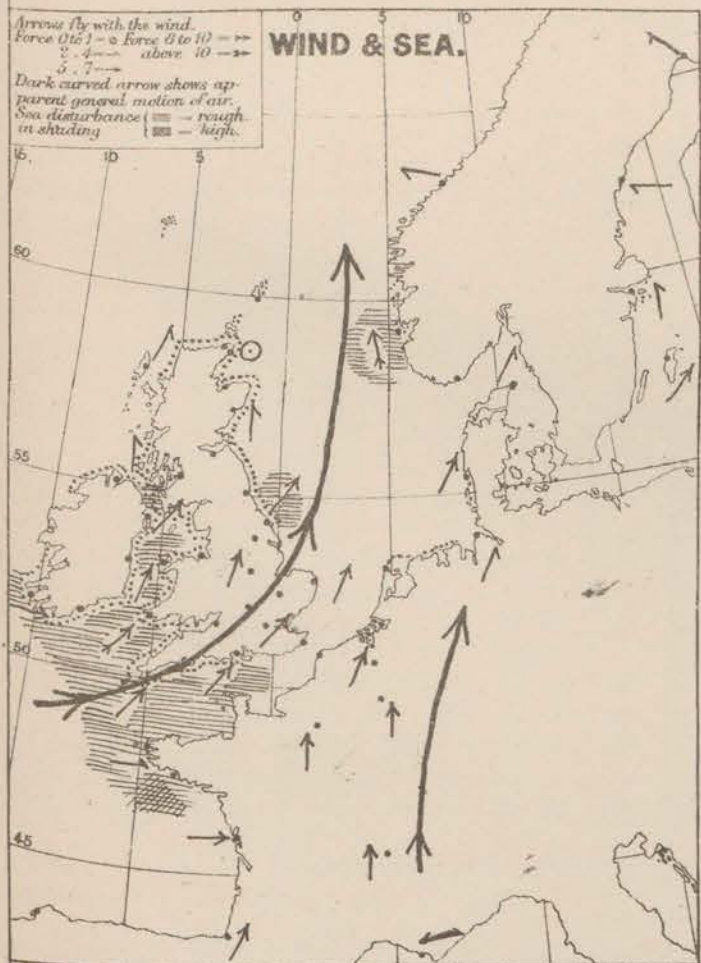
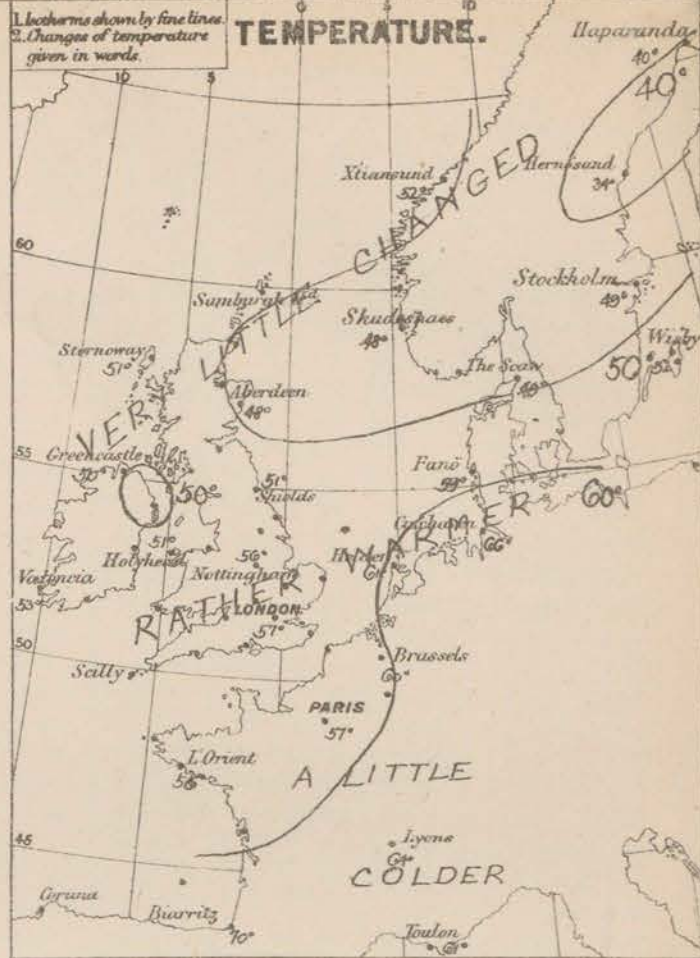
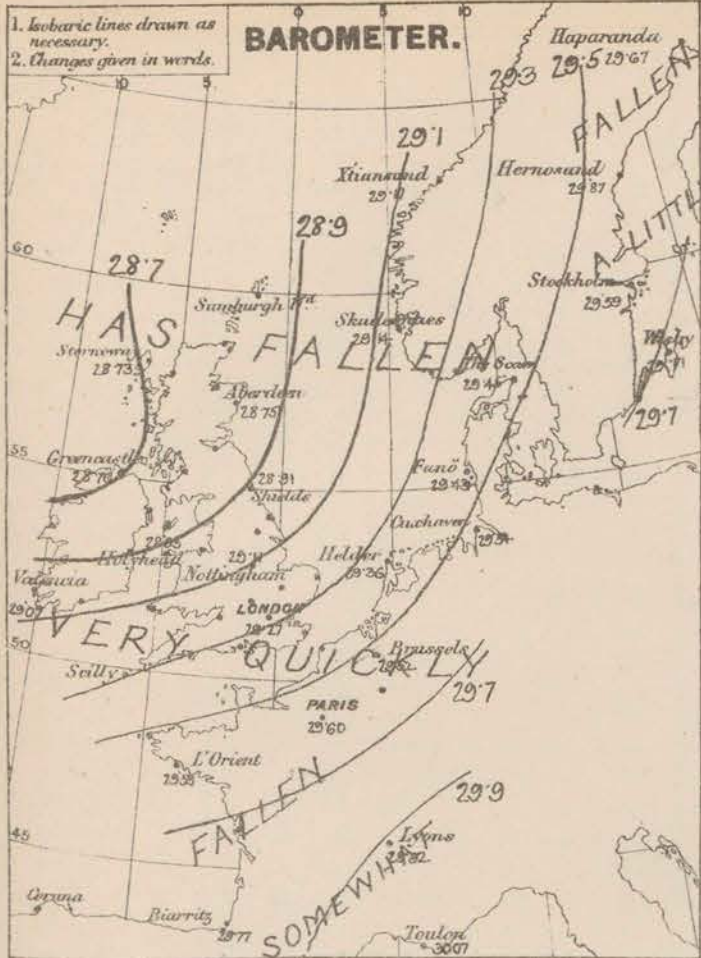
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS *for 8 a.m. on Monday 28th MAY 1877.*



Note A dotted line is drawn round those coats which were worn last evening.

REMARKS. A very great and important decrease of pressure has occurred over these Islands, the change during the past two days amounting to about an inch at our southern stations, and to an inch and a quarter in the north and west. A deep depression lies off the north west of Ireland (28.70 ins.) while the highest reading (30.07 ins.) is reported from London. In consequence steep gradients exist, and W. to S.W. winds strong to a gale are reported over England, Ireland and France, while in Scotland calms prevail. Temperature is inclined to fall slightly over these Islands and the north of France, but in the south of that country and on the eastern shores of the North Sea it has risen and is very high. The weather is overcast, wet and equally generally, and the sea is rough except on our east coast.

Warnings were issued to all but our south 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 MAY 29th 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Force (0 to 12).	Weather.	Barometer.		SHADE TEMP.			WIND.		Force (0 to 12).	Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force.			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force.				Max.	Min.	
Haparanda ...	29.34	38	SE	2	r		29.36	-.31	39	39	- 1	SE	4	r	*	*	*	*	0.16
Hernösand ...	29.37	38	SSW	2	o		29.24	-.83	43	41	+ 9	SW	2	c	*	*	*	*	0.08
Stockholm ...	29.43	48	S	2	o		29.36	-.23	?	?	?	S	4	r	*	*	*	*	0.04
Wisby ...	29.59	53	SW	6	bc		29.51	-.20	57	53	+ 5	SW	4	r	*	*	*	*	0.04
Christiansund ...	28.89	53	ESE	2	r		28.87	-.80	55	47	+ 3	SSE	6	bc	2	?	45	-	-
Skudesnaes ...	28.95	49	SSE	8	r		29.05	-.09	48	46	0	S	8	cf	6	?	?	-	-
Oxö (Klansand) ...	29.16	48	SSE	4	o		29.16	-.21	48	46	0	SW	5	c	3	48	45	-	-
Skagen (The Saw) ...	29.27	49	SSW	5	o		29.28	-.17	49	48	0	SW	4	o	3	55	45	0.08	-
Fanö ...	29.31	53	SSW	6	o		29.39	-.04	56	53	- 3	WSW	6	o	*	66	52	0.04	-
Cuxhaven ...	29.42	?	SSW	6	o		29.52	-.02	57	54	- 9	WSW	5	c	*	4	30	0.04	-
Sumburgh Head ...																			
Stornoway ...	28.61	52	SSW	4	r		28.79	+ .06	50	48	- 1	SW	7	o	6	57	42	0.08	-
Thurso ...	28.65	51	SSE	2	c		28.83	+ .09	50	44	0	WSW	5	c	4	54	48	0.14	-
Wick ...	28.67	48	W	2	o		28.87	+ .14	49	46	0	S	3	c	2	55	43	0.07	-
Nairn ...	28.68	50	SW	2	c		28.91	+ .16	49	43	- 5	SW	3	c	2	53	42	0.10	-
Aberdeen ...	28.68	54	SSW	2	c		29.01	+ .26	48	44	0	SSW	4	c	1	56	43	0.11	-
Leith ...	28.80	51	WSW	5	c		29.11	+ .32	48	45	- 8	WSW	5	bc	*	61	42	0.14	-
Shields ...	28.89	58	WSW	6	c		29.24	+ .35	51	43	0	WSW	4	c	2	60	44	-	-
York ...	29.04	56	W	6	bc		29.37	+ .34	49	44	- 6	WSW	4	c	*	63	43	0.04	-
Scarborough ...	29.01	59	W	5	bc		29.36	+ .37	57	46	- 6	WSW	5	bc	4	62	44	0.04	-
Nottingham ...	29.14	56	SW	5	c		29.46	+ .35	53	47	- 3	SSW	5	c	*	61	42	0.12	-
Ardrossan ...	28.88	50	W	5	o		29.15	+ .36	48	44	- 3	WSW	7	bc	6	56	44	0.08	-
Greencastle ...	28.96	50	WSW	5	c		29.13	+ .43	48	45	- 2	W	5	r	*	57	40	0.22	-
Donaghadee ...	29.00	52	WSW	6	bc		29.24	+ .49	46	41	- 3	W	6	bc	5	56	43	0.07	-
Kingstown ...	29.16	51	WSW	6	c		29.38	+ .53	49	44	- 4	WSW	4	bc	3	57	44	0.16	-
Holyhead ...	29.44	54	W	5	bc		29.38	+ .45	49	45	- 2	SW	6	bc	4	56	45	0.03	-
Liverpool (Bidston) ...	29.11	50	WSW	6	o		29.39	+ .41	50	44	- 3	WSW	4	c	3	60	45	0.03	-
Valencia ...	29.41	50	WSW	5	bc		29.47	+ .40	51	46	- 2	W	4	bc	5	57	44	0.16	-
Roche's Point ...	29.39	52	WSW	5	bc		29.47	+ .43	52	47	- 2	W	5	bc	4	57	43	-	-
Pembroke ...	29.27	52	WSW	7	r		29.48	+ .34	52	48	- 1	WSW	1	bc	4	55	47	0.03	-
Portishead ...	29.30	52	W	4	c		29.54	+ .34	52	48	- 3	WSW	5	bc	5	57	45	0.05	-
Seilly ...																			
Plymouth ...	29.40	56	W	5	bc		29.59	+ .30	55	52	0	SW	4	c	*	62	48	0.03	-
Hurst Castle ...	29.36	55	SW	7	c		29.61	+ .28	54	54	0	WSW	4	bc	4	66	49	-	-
Dover ...	29.35	54	SW	6	c		29.61	+ .29	55	53	+ 2	SW	5	bc	4	57	48	0.06	-
London ...	29.28	59	SW	6	cy		29.57	+ .30	56	50	- 1	SW	3	bc	*	63	44	-	-
Oxford ...	*	*	*	*	*		29.55	+ .33	53	49	- 3	SW	2	o	*	60	45	0.30	-
Cambridge ...	29.21	55	SW	4	o		29.34	+ .34	54	49	- 4	SW	2	bc	*	61	45	0.12	-
Yarmouth ...	29.22	55	WSW	6	r		29.53	+ .30	53	49	- 3	WSW	4	bc	3	65	46	0.09	-
The Helder ...	*	*	*	*	*		29.34	+ .18	54	51	- 7	SW	2	bc	*	*	*	0.08	-
Cape Gris Nez ...	29.42	55	SW	7	bc		29.65	+ .29	54	50	0	SW	5	bc	4	57	46	0.16	-
Brest ...	29.65	?	W	4	o		29.74	+ .20	54	50	0	W	3	o	5	57	48	-	-
L'Orient ...	29.46	55	W	6	c		29.77	+ .18	54	50	- 1	WSW	3	o	5	61	48	-	-
Rocheport ...	29.75	61	WSW	5	c		29.81	+ .06	59	57	0	WSW	4	a	3	66	46	?	-
Biarritz ...	29.83	68	Z	0	r		29.86	+ .09	55	54	- 15	E	1	r	4	72	55	0.20	-
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*		29.67	+ .15	55	*	- 5	WSW	6	o	*	*	*	0.59	-
Charleville ...	*	*	*	*	*		29.71	+ .12	54	*	- 5	SW	3	o	*	*	*	*	-
Paris ...	29.58	62	SW	3	o		29.77	+ .17	53	*	- 5	SW	4	c	*	*	*	0.39	-
Lyons ...	*	*	*	*	*		29.93	+ .01	60	*	- 4	SW	2	o	*	*	*	*	-
Toulon ...	29.99	64	S	2	m		29.99	-.08	57	55	- 4	SE	1	o	3	66	57	-	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	28.99	48	48	SSE	8	rf	6	Valencia	29.31	56	50	WSW	6	bcy	6
Thurso	28.66	50	48	Z	0	o	1	Seilly							
Scarborough ...	28.96	61	54	SW	6	bc	5	London	29.16	60	56	SW	7	cy	*
Greencastle ...	28.78	55	52	W	4	o	*	Rocheport ...	29.73	58	54	W	5	r	4
Holyhead	29.01	52	52	SW	6	cy/p	5								

Pressure is recovering in the W. and the disturbance is apparently now traversing Scotland. Strong SW to W winds continue.

EXPLANATION OF COLUMNS.

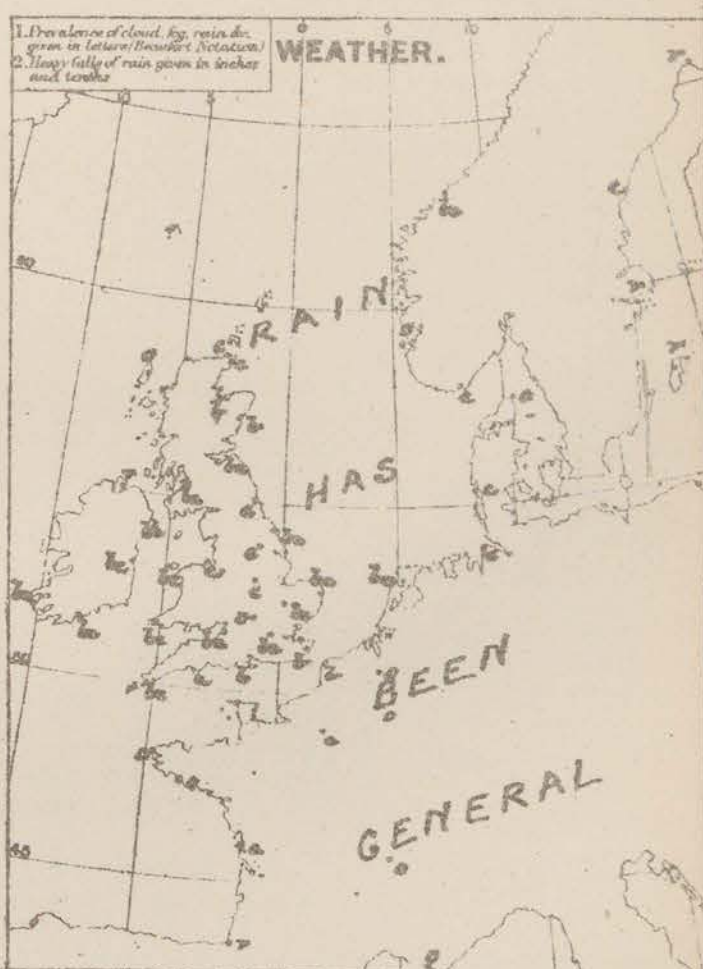
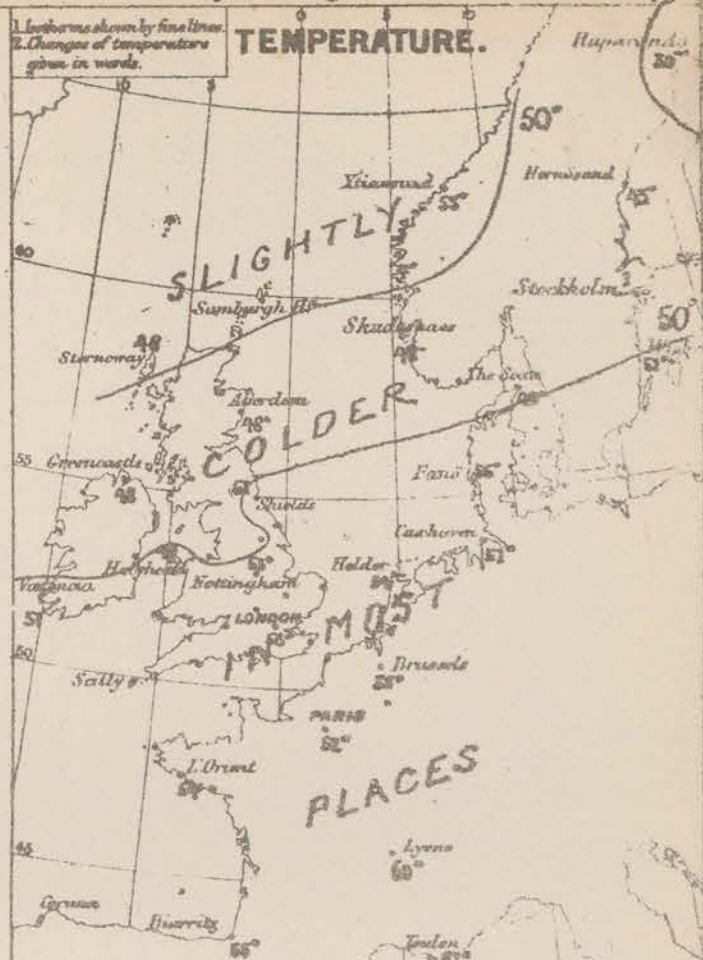
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

40



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R. H. SCOTT.
Director

DAILY WEATHER REPORT

MAY 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.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.34	38	S	4	f	29.44	+ .08	39	37	0	S	4	b	*	*	*	0.16	
Hernösand ...	29.37	44	SSW	2	b	29.50	+ .26	48	43	+ .5	SW	4	b	*	*	*	0.08	
Stockholm ...	29.54	49	SSW	2	b	29.67	+ .31	?	?	?	SW	4	b	*	*	*	-	
Wisby ...	29.59	48	S	6	bc	29.69	+ .18	50	52	- 1	SSE	4	bc	*	*	*	0.04	
Christiansund ...	29.03	49	SSE	1	bc	29.28	+ .41	48	42	- 7	SE	4	c	2	52	39	?	
Skudesnaes ...	29.31	46	S	8	b	29.35	+ .30	50	49	+ 2	SSE	8	bc	7	50	?	-	
Oxö (Klansand) ...	29.46	46	S	4	o	29.46	+ .30	48	46	0	S	4	c	3	48	45	-	
Skagen (The Seaw) ...	29.56	47	N	3	b	29.54	+ .26	50	48	+ 1	SSW	3	o	2	57	41	-	
Fanö ...	29.56	50	S	4	c	29.52	+ .13	59	55	+ 3	S	4	c	*	59	48	-	
Cuxhaven ...	29.66	?	NNW	2	o	29.57	+ .05	53	52	- 4	WSW	2	p	*	?	48	0.12	
Sumburgh Head																		
Stornoway	28.81	50	N	5	o	29.12	+ .33	47	46	- 3	N	5	d	5	57	44	0.07	
Thurso ...	28.88	50	SW	4	bc	29.07	+ .24	50	46	0	WSW	4	c	3	57	46	0.04	
Wick ...	28.80	51	NN	4	o	29.09	+ .22	57	47	+ 2	WSW	3	o	1	53	45	-	
Nairn ...	28.93	49	WSW	5	bc	29.13	+ .22	57	46	+ 2	N	1	c	1	56	46	-	
Aberdeen ...	29.02	51	SSW	7	c	29.17	+ .46	57	47	+ 3	SSW	2	c	2	55	47	-	
Leith ...	29.13	53	WSW	6	c	29.26	+ .15	57	48	+ 3	N	4	bc	*	57	45	0.02	
Shields ...	29.29	55	SW	7	bc	29.36	+ .10	52	47	+ 7	SW	6	c	2	57	44	-	
York ...	29.38	56	N	4	b	29.46	+ .09	57	46	+ 2	WSW	3	bc	*	59	44	-	
Scarborough ...	29.35	55	WSW	2	b	29.44	+ .08	57	44	+ 6	WSW	4	b	3	58	45	-	
Nottingham ...	29.43	55	SW	4	bc	29.53	+ .07	56	50	+ 3	SW	5	bc	*	61	41	0.02	
Ardrossan ...	29.18	52	SSW	5	bc	29.30	+ .15	50	47	+ 2	WSW	3	c	3	56	46	0.07	
Greencastle ...	29.18	50	N	5	o	29.31	+ .18	49	45	+ 1	N	3	o	*	55	41	0.04	
Donaghadee ...	29.26	52	WSW	5	bc	29.38	+ .14	51	48	+ 5	WSW	5	b	5	56	46	0.10	
Kingstown ...	29.37	55	N	3	bc	29.47	+ .09	50	45	+ 1	SSW	3	c	2	57	45	0.02	
Holyhead ...	29.37	52	SW	6	o	29.48	+ .10	49	46	0	SW	4	c	3	56	46	0.03	
Liverpool (Bidston) ...	29.38	52	WSW	6	o	29.49	+ .10	50	43	0	WSW	4	bc	3	58	45	0.02	
Valencia ...	29.47	53	N	4	bc	29.57	+ .04	50	47	- 1	SW	3	t	4	55	43	0.05	
Roche's Point ...	29.47	54	N	5	bc	29.52	+ .05	53	49	+ 1	N	4	c	3	58	45	0.04	
Pembroke ...	29.47	54	SW	5	b	29.55	+ .07	53	50	+ 1	WSW	2	bc	2	55	49	-	
Portishead ...	29.47	55	WSW	5	bc	29.60	+ .06	52	49	+ 1	WSW	4	c	4	60	42	0.10	
Scilly ...																		
Plymouth ...	29.57	56	SW	3	bc	29.63	+ .04	54	52	- 1	SW	4	c	*	61	48	-	
Hurst Castle ...	29.56	56	WSW	4	bc	29.66	+ .05	54	54	0	WSW	4	b	4	56	49	-	
Dover ...	29.57	54	SW	4	b	29.64	+ .03	57	53	+ 2	SW	3	b	3	58	48	-	
London ...	29.53	58	WSW	4	c	29.62	+ .05	57	51	+ 1	WSW	3	c	*	61	43	-	
Oxford ...	*	*	*	*	*	29.60	+ .05	53	50	0	WSW	2	c	*	62	42	0.03	
Cambridge ...	29.50	54	SW	3	o	29.60	+ .06	54	50	0	SW	2	bc	*	63	41	0.02	
Yarmouth ...	29.50	57	SW	3	bc	29.58	+ .05	53	49	0	WSW	4	b	2	61	49	0.07	
The Helder ...	*	*	*	*	*	29.58	+ .04	54	51	0	SW	2	b	*	*	*	-	
Cape Gris Nez	29.80	54	SW	3	o	29.67	+ .02	54	50	0	WSW	3	c	2	57	50	-	
Brest ...	29.69	?	N	3	bc	29.75	+ .01	54	50	0	N	3	bc	3	57	48	0.12	
L'Orient ...	29.69	54	SW	4	bc	29.81	+ .04	55	52	+ 1	N	3	bc	3	57	46	-	
Rochefort ...	29.74	59	SW	3	o	29.78	- .03	59	55	0	SW	3	bc	3	64	50	-	
Biarritz ...	29.71	64	E	1	r	29.77	- .09	57	55	+ 2	Z	0	o	5	63	52	0.39	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.67	.00	53	*	- 2	SW	6	o	*	*	*	*	
Charleville ...	*	*	*	*	*	? 29.61	- .10	53	*	- 1	WSW	3	c	*	*	*	*	
Paris ...	29.67	54	SSW	3	o	29.75	- .02	55	*	+ 3	WSW	3	bc	*	*	*	0.08	
Lyons ...	*	*	*	*	*	? 29.61	- .32	61	*	+ 1	SE	2	p	*	*	*	*	
Toulon ...	29.97	59	SE	0	o	29.88	- .11	59	59	+ 2	SW	4	m	4	61	?	0.08	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.28	50	47	S	6	cf	7	Valencia	29.47	51	49	N S W	4	op	5
Thurso	28.87	54	48	N S W	5	c	4	Seilly							
Scarborough ...	29.37	56	49	N S W	3	c	2	London	29.55	60	53	N S W	4	bc	*
Greencastle ...	29.16	53	46	N	4	bc	*	Rochefort ...	29.72	59	54	N	3	c	3
Holyhead	29.39	54	50	S W	6	bc	5								

Scarcely any change has occurred in pressure since the morning except in the N. of France where it has fallen slightly.

EXPLANATION OF COLUMNS.

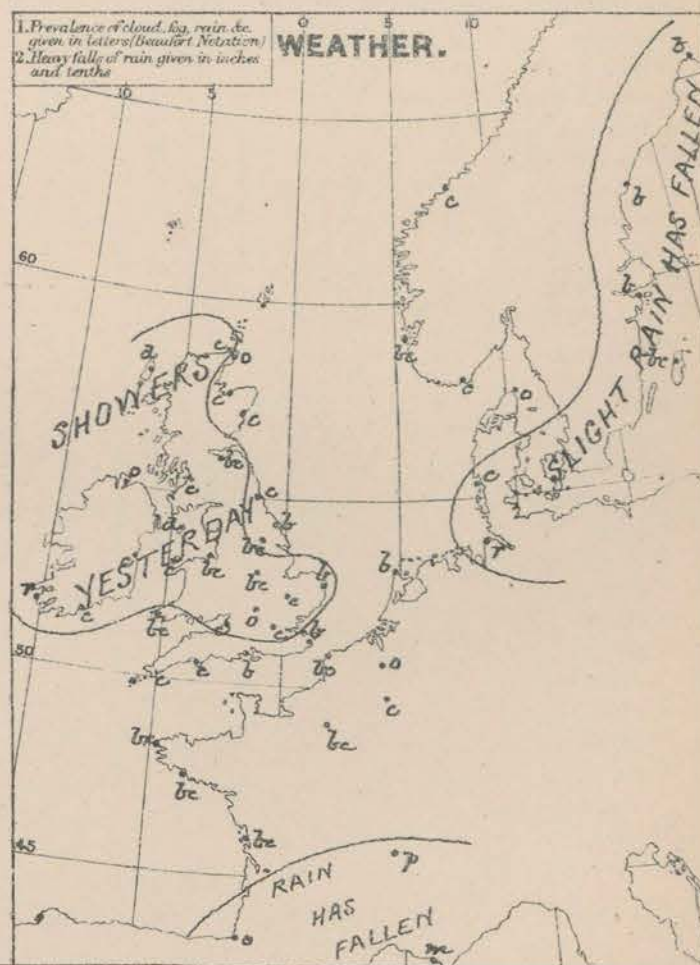
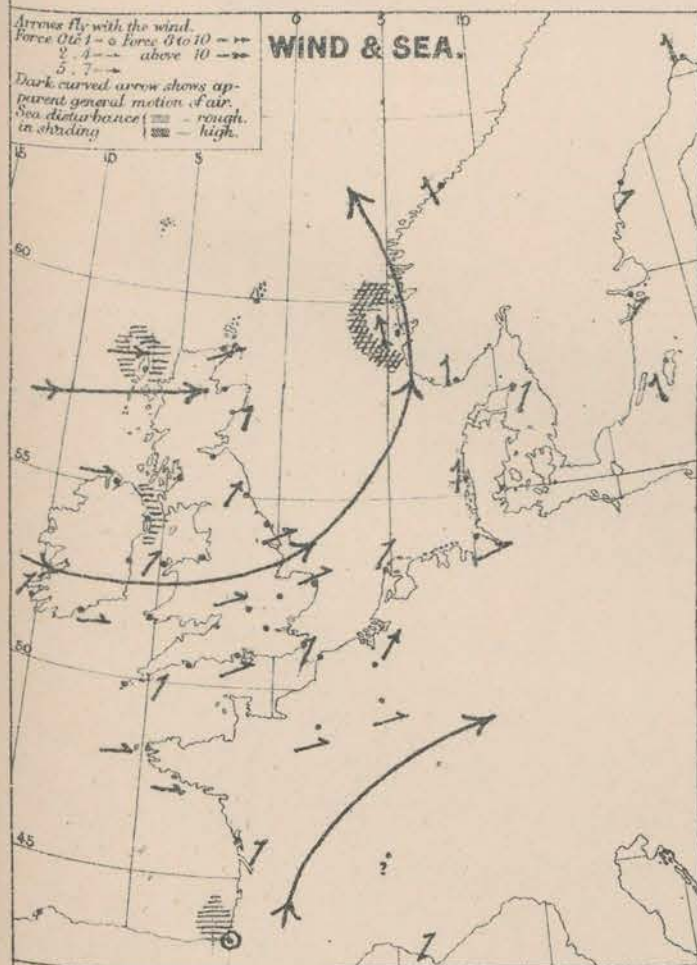
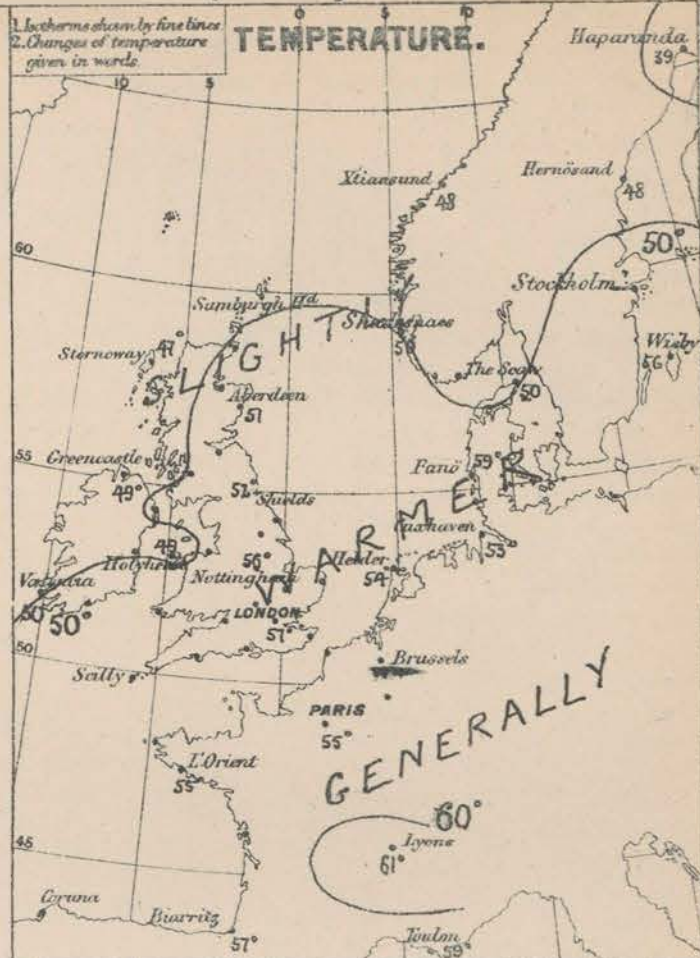
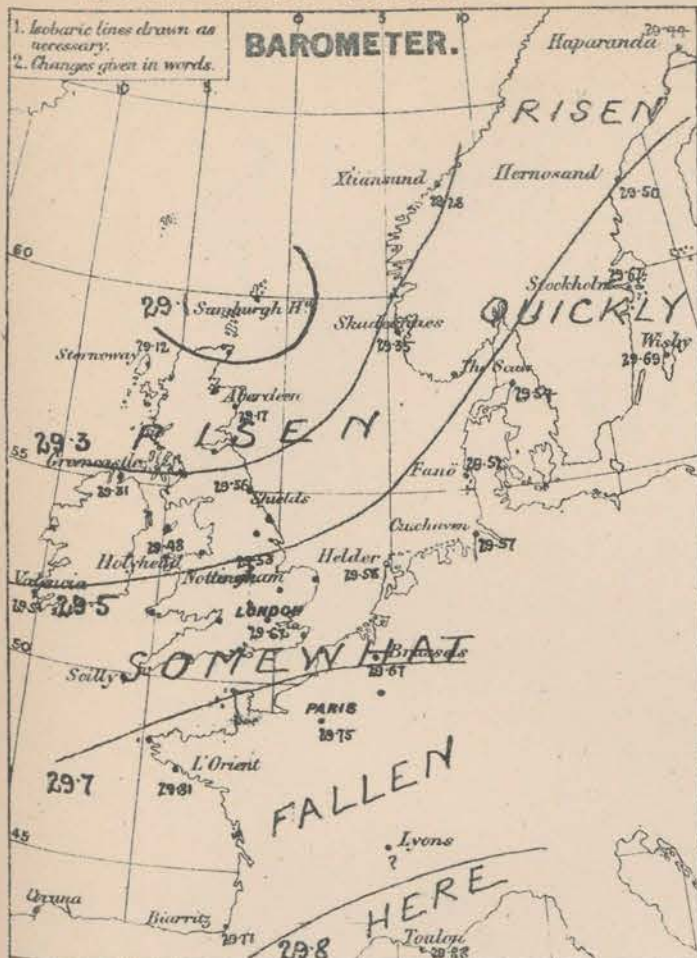
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 May. 30th 1877.



REMARKS. The deep depression of the past two days has now disappeared, apparently in a due Nth direction, and the barometer is rising over the whole of these Islands, Scandinavia, and the W. of France, but in N. Germany, and the E. of France a slight fall is reported. The wind is W. to WNW on all our own coasts, but draws into S. on the E. shores of the North Sea. It is generally moderate or fresh in force. Temperature has risen a little in most places. The weather is rather cloudy generally, with showers in the W. and N. The sea is moderate to slight.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT May 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.	Sun. (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.	Average of 24 hours.	
Haparanda ...	29.64	37	SSW	2	b	29.52	+ .08	42	40	+ 3	NE	2	o	*	*	*	-	
Hernösand ...	29.55	42	S	2	o	29.56	+ .06	47	44	- 1	SSW	2	o	*	*	*	-	
Stockholm ...	29.41	46	N	4	+	29.70	+ .03	?	49	?	SW	4	o	*	*	*	0.57	
Wisby ...	29.55	45	SW	6	f	29.88	+ .19	48	46	- 8	WSW	6	b	*	*	*	0.91	
Christiansund ...	29.34	52	WNW	3	b	29.37	+ .09	50	46	+ 2	SE	1	c	1	57	39	-	
Skudeanaes ...	29.47	48	S	8	o	29.60	+ .13	50	48	o	S	6	of	5	52	48	-	
Oxö (Xtiansand)	29.56	48	SSW	4	bc	29.65	+ .19	49	48	+ 1	SSW	2	b	3	54	45	-	
Skagen (The Scau)	29.61	48	SSW	3	c	29.72	+ .11	48	46	- 2	SW	3	c	2	54	41	0.16	
Fanö ...	29.69	50	WSW	4	b	29.74	+ .22	60	55	+ 1	S	4	b	*	?	50	-	
Cuxhaven ...	29.73	51	NW	3	c	29.78	+ .21	63	59	+ 10	SSE	2	b	*	*	45	0.24	
Sumburgh Head																		
Stornoway	29.33	49	WNW	5	o	29.53	+ .41	49	47	+ 2	W	3	c	4	54	39	0.02	
Thurso ...	29.27	50	W	5	c	29.51	+ .44	50	46	o	W	3	o	3	53	41	0.02	
Wick ...	29.28	48	W	3	b	29.52	+ .40	50	46	- 1	W	2	o	0	56	40	-	
Nairn ...	29.33	53	W	1	b	29.55	+ .42	50	44	- 1	W	3	b	1	57	42	-	
Aberdeen ...	29.30	56	SW	2	b	29.56	+ .39	52	45	+ 1	Z	0	f	1	60	42	0.22	
Leith ...	? 29.41	54	WSW	4	bc	29.58	+ .32	55	51	+ 4	NW	1	b	*	61	40	-	
Shields ...	29.50	55	SW	4	c	29.63	+ .27	52	49	o	E	2	bc	0	58	43	-	
York ...	29.54	57	WSW	2	c	29.62	+ .16	52	49	+ 1	E	2	b	*	60	41	-	
Scarborough ...	29.53	49	WSW	3	bc	29.64	+ .20	52	49	- 5	Z	0	bc	1	61	46	-	
Nottingham ...	29.58	55	S	2	c	29.61	+ .08	56	53	o	SE	3	bc	*	64	44	0.33	
Ardrossan ...	29.44	51	SSW	3	bc	29.56	+ .26	53	49	+ 3	E	1	bc	1	56	41	-	
Greencastle ...	29.44	52	NW	3	o	29.52	+ .21	52	49	+ 3	NE	2	bc	*	58	38	0.07	
Donaghadee ...	29.48	50	WSW	4	c	29.54	+ .18	50	49	- 1	ESE	4	o	3	55	39	0.11	
Kingstown ...	29.52	56	S	3	bc	29.53	+ .06	52	50	+ 2	SE	4	o	3	57	48	-	
Holyhead ...	29.55	50	SW	2	c	29.53	+ .05	54	51	+ 5	E	2	b	2	57	46	-	
Liverpool (Bidston)	29.55	55	WSW	1	c	29.57	+ .08	55	49	+ 5	ESE	2	bc	1	59	45	-	
Valencia ...	29.57	55	S	2	bc	29.36	- .15	50	47	o	E	3	o	4	56	47	0.08	
Roche's Point...	29.55	55	WSW	4	bc	29.45	- .07	52	51	- 1	SSE	5	f	4	59	50	0.15	
Pembroke ...	29.58	55	SSW	2	b	29.48	- .07	50	48	- 3	E	3	bc	2	57	48	-	
Portishead ...	29.62	54	W	4	bc	29.57	- .09	53	50	+ 1	NNE	5	c	4	60	44	-	
Scilly ...																		
Plymouth ...	29.64	55	SW	3	b	29.46	- .17	52	50	- 2	E	4	o	*	63	48	2	
Hurst Castle ...	29.69	58	SW	4	b	29.53	- .13	58	57	+ 4	SE	2	o	2	58	49	0.02	
Dover ...	29.71	53	SW	3	b	29.60	- .04	54	52	- 3	E	3	c	2	59	49	0.04	
London ...	29.66	63	WSW	3	b	29.57	- .05	59	54	+ 3	ESE	2	o	*	64	46	-	
Oxford ...	*	*	*	*	*	29.55	- .05	56	53	+ 3	E	2	o	*	63	44	0.01	
Cambridge ...	29.63	55	SSW	1	o	29.61	+ .01	58	55	+ 4	SSE	1	o	*	64	41	0.09	
Yarmouth ...	29.64	49	SSW	3	o	29.67	+ .09	54	52	+ 1	ESE	2	b	2	63	47	-	
The Helder ...	*	*	*	*	*	29.71	+ .13	58	55	+ 4	SE	1	bc	*	*	*	-	
Cape Gris Nez	29.73	55	SW	2	b	29.60	- .07	59	54	+ 5	ESE	3	c	2	59	58	-	
Brest ...	29.71	66	S	2	b	29.58	- .17	55	54	+ 1	WSW	3	o	5	?	50	0.12	
L'Orient ...																		
Rochefort ...	29.67	63	SW	2	o	29.76	- .02	61	57	+ 2	W	6	b	5	?	50	0.39	
Biarritz ...	29.68	66	Z	o	+	29.85	+ .08	63	59	+ 6	ENE	1	b	3	66	54	0.59	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.65	- .02	55	*	+ 2	SSW	1	o	*	*	*	0.01	
Charleville ...	*	*	*	*	*	29.63	+ .02	53	*	o	SE	3	c	*	*	*	*	
Paris ...	29.75	61	W	1	b	29.62	- .13	59	*	+ 2	S	4	c	*	*	*	0.28	
Lyon ...	*	*	*	*	*	29.84	+ .23	64	*	+ 3	S	2	f	*	*	*	*	
Toulon ...	29.91	61	SW	3	?	29.91	+ .03	59	59	o	SSE	4	m	4	61	57	0.28	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.41	52	49	SSE	6	f	6	Valencia	29.53	56	51	SW	2	bc	3
Thurso	29.20	51	48	W	4	c	4	Scilly							
Scarborough ...	29.50	60	59	WSW	3	bc	3	London	29.66	58	53	W	3	c	*
Greencastle ...	29.39	50	50	W	2	c	*	Rochefort ...	29.78	65	59	SW	3	bc	3
Holyhead	29.53	55	52	SW	5	c	3								

Pressure has increased everywhere since the morning but at Thurso a slight decrease has occurred since one p.m. The winds are unchanged.

EXPLANATION OF COLUMNS.

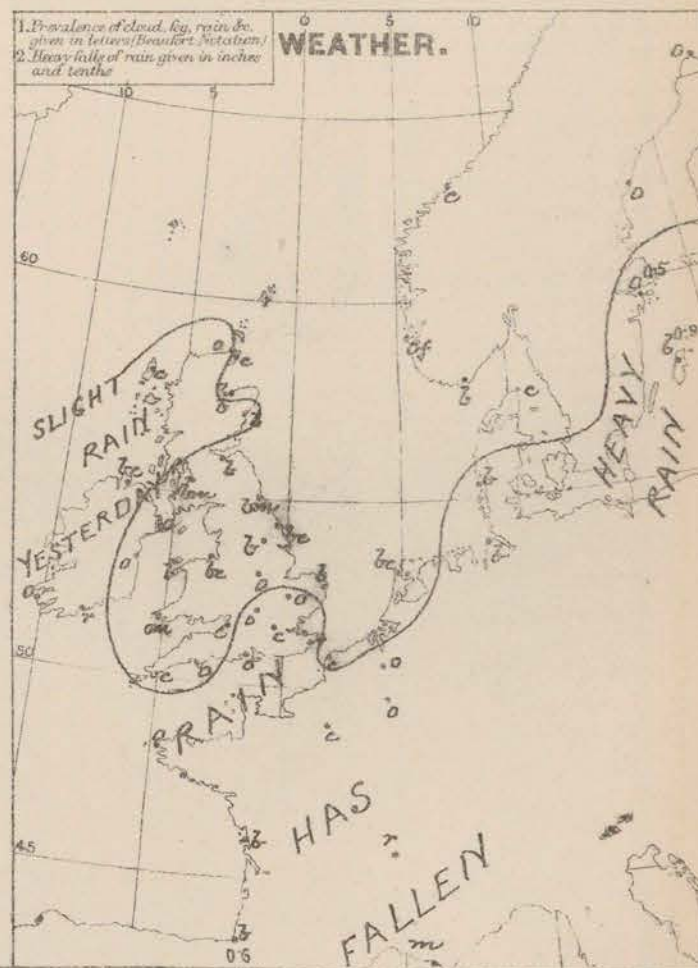
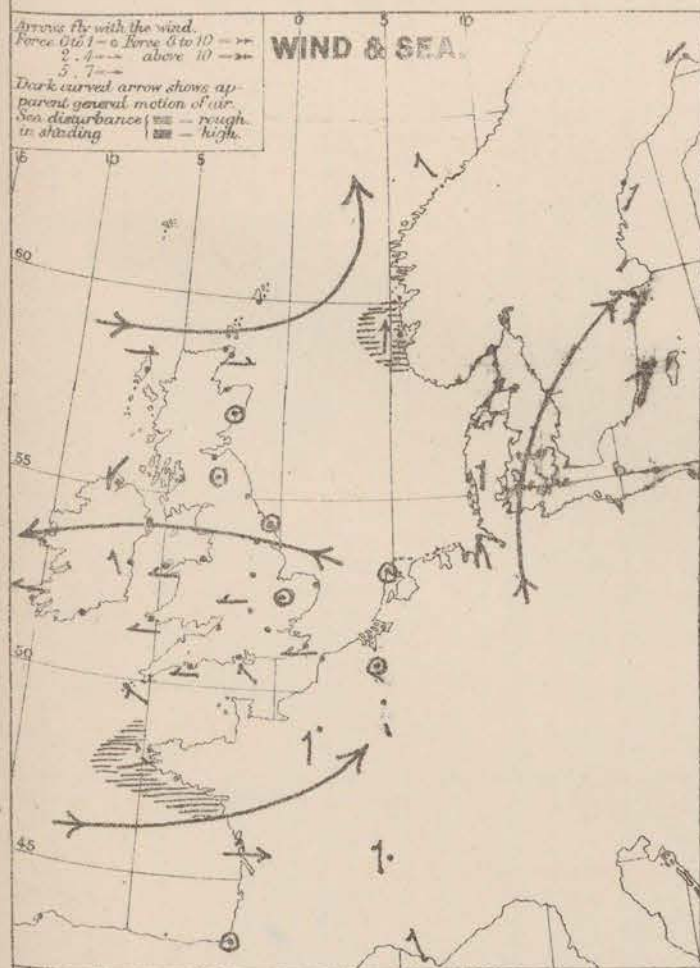
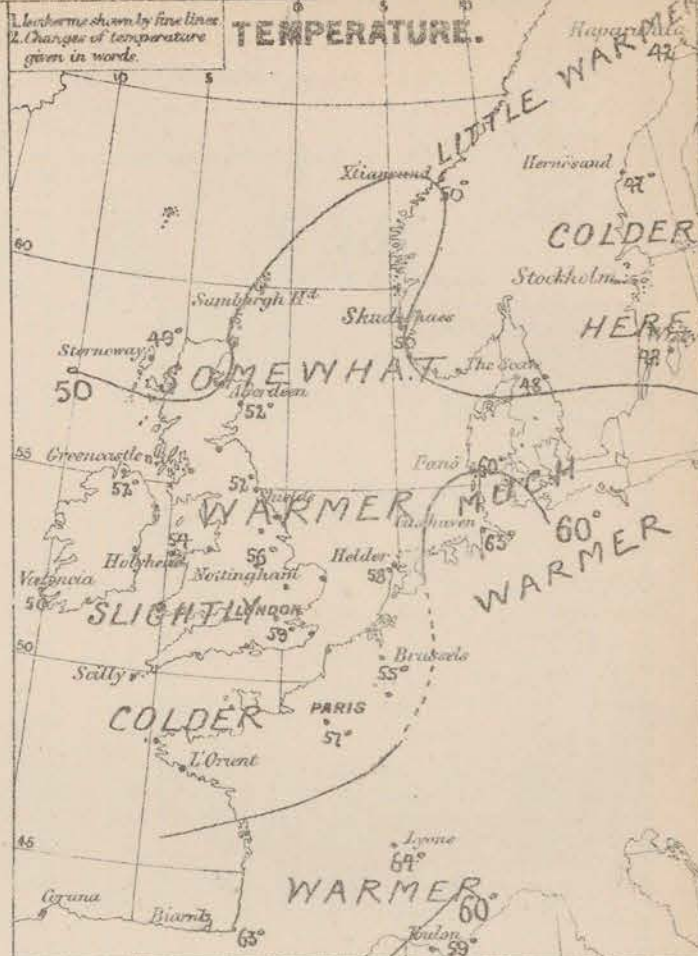
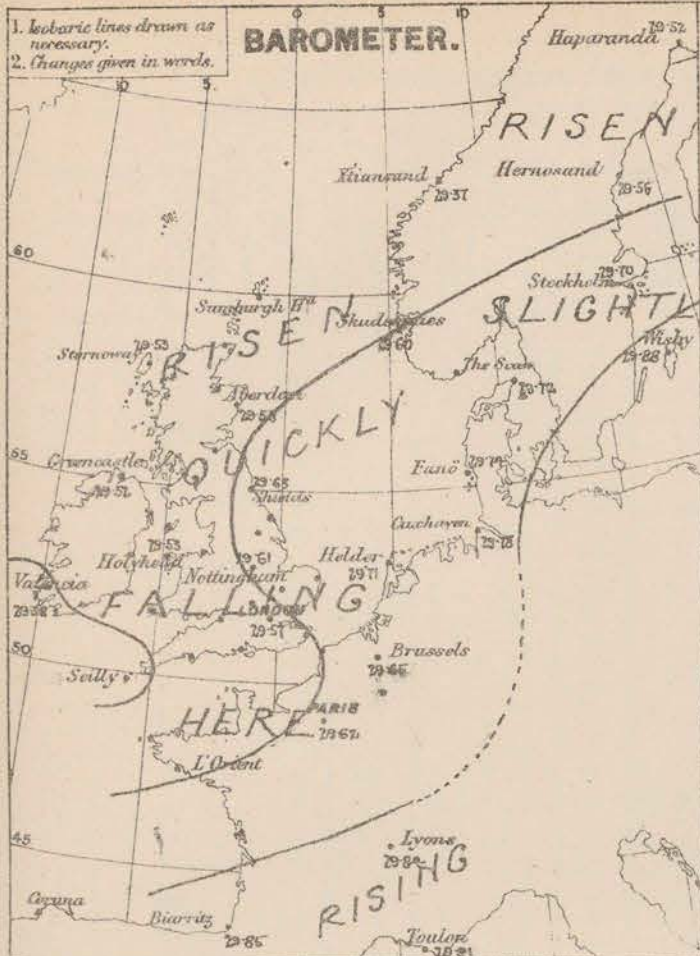
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 May 31st 1877.



REMARKS. During the past night the barometer has begun to fall briskly on our SW coasts, while it still rises in the N. and E. A new depression is apparently advancing towards St. George's Channel from the SW, but does not appear to be very deep. The wind has consequently backed towards SE and E. over Ireland and England, where it remains N. at Rockfort, and is S. at Paris. On the E. shores of the North Sea also it is S. but in Scotland it is W. owing to another depression, whose centre is apparently lying not far from St. Andrews. Temperature has changed very little on our coasts, but has risen briskly in N. Germany, and at Rinnitz. The sky is now cloudy, except in the N. parts of Ireland and England, some rain has fallen at several stations, and thunder is reported both at Nottingham and Donaghadee. The weather is not at all settled yet. The sea is moderate in the SW, rather rough in the 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

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR MAY 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 2).	SHADE TEMP.		Amount of Rainfall.	
				Dirce.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.		
1 st	Sunbury Hd.	30.27	35	N	5	c	30.27	+0.0	38	38	+3	NNW	5	c	4	39	32	-	
	Scilly	30.17	49	E	4	o	30.30	+0.23	51	49	+4	E	5	c	4	51	45	-	
	Corunna	*	*	*	*	*	30.13	-0.14	61	49	+4	NNW	4	c	4	61	45	-	
2 nd	Scilly 2pm	*	*	*	*	*	30.33	-0.02	52	49	+4	NNW	5	c	4	52	45	-	
	Sunbury Hd.	30.23	34	NNE	5	c	30.17	-0.10	34	32	-4	E	5	c	4	40	27	0.05	
	Scilly	30.34	49	ESE	6	c	30.29	-0.01	47	42	-4	E	5	c	4	53	44	-	
	Corunna	*	*	*	*	*	30.02	-0.11	62	48	+1	E	5	c	3	62	44	-	
3 rd	Scilly 2pm	*	*	*	*	*	30.25	-0.08	48	44	+4	E	5	c	4	48	44	-	
	Sunbury Hd.	30.18	35	N	5	b c	30.18	+0.01	32	32	-2	N	5	c	3	40	29	0.02	
	Scilly	30.20	48	E	4	c	30.11	-0.18	48	44	+4	E	5	c	3	50	44	-	
	Corunna	*	*	*	*	*	29.81	-0.21	61	48	+3	NNW	5	c	3	61	44	-	
	Scilly 2pm	*	*	*	*	*	30.07	-0.11	51	45	+6	E	5	c	3	51	45	-	
4 th	Sunbury Hd.	30.17	36	N	4	b c	30.07	-0.11	35	33	+2	E	5	c	3	40	29	-	
	Scilly	30.04	49	ESE	4	c	29.97	-0.14	46	43	+3	E	5	c	3	52	44	-	
	Corunna	*	*	*	*	*	29.71	-0.10	61	48	+3	NNW	5	c	3	61	44	-	
	Soulon	30.00	54	SE	3	m	29.85	-0.12	52	50	+2	E	2	c	1	52	54	0.12	
	Scilly 2pm	*	*	*	*	*	29.93	-0.07	47	42	+5	E	2	c	1	47	42	-	
5 th	Sunbury Hd.	30.00	38	NNE	4	b c	29.85	-0.22	36	34	+2	E	2	c	1	42	28	-	
	Scilly	29.90	46	E	8	c	29.84	-0.13	44	39	+5	E	2	c	1	48	41	-	
	Scilly 2pm	*	*	*	*	*	29.82	-0.02	50	44	+6	E	2	c	1	48	41	-	
6 th	Sunbury Hd.	29.80	38	NNW	3	b c	29.77	-0.03	40	35	+5	SE	2	b c	2	42	28	-	
	Scilly	29.80	49	SE	5	b c	29.78	-0.06	47	43	+4	E	4	c	4	50	43	-	
7 th	Sunbury Hd.	29.69	42	SE	5	c	29.69	-0.18	44	40	+4	E	4	c	4	45	38	-	
	Scilly	29.79	49	E	4	c	29.82	+0.04	50	46	+4	NNW	4	c	4	51	45	-	
	Scilly 2pm	*	*	*	*	*	29.85	+0.03	52	46	+6	NNW	4	c	4	50	35	-	
8 th	Sunbury Hd.	29.59	45	SW	2	b c	29.74	+0.15	45	42	+3	NNW	1	c	1	52	44	-	
	Scilly	29.84	50	NNE	3	b c	29.70	-0.12	51	47	+4	S	4	o	2	52	44	-	
	Corunna	*	*	*	*	*	29.70	-0.12	57	48	+9	SW	3	c	1	57	48	-	
	Scilly 2pm	*	*	*	*	*	29.57	-0.27	53	48	+5	SE	6	o	5	53	48	-	
9 th	Haparanda	29.84	33	SW	2	o	30.05	+0.43	30	23	+7	E	0	b c	*	30	23	-	
	Hermosand	29.90	33	SSW	2	c	30.04	+0.32	32	25	+7	SE	2	b c	*	32	25	-	
	Stockholm	29.91	41	SSW	4	b	29.99	+0.17	48	43	+5	S	4	b	*	48	43	-	
	Nashy	29.95	41	S	4	b	29.95	+0.03	51	44	+7	SE	4	b c	*	51	44	-	
	Sunbury Hd.	29.84	44	NNE	6	c	29.91	+0.17	45	42	+3	E	3	b c	2	50	34	-	
	Scilly	29.50	50	SE	6	o	29.34	-0.38	48	47	+1	SE	6	o	5	53	46	0.02	
	Corunna	*	*	*	*	*	29.81	+0.11	57	48	+9	SW	3	c	1	57	48	-	
	Scilly 2pm	*	*	*	*	*	29.34	-0.46	53	48	+5	SW	3	c	1	53	48	-	
10 th	Sunbury Hd.	29.93	45	ESE	3	b	29.87	-0.04	46	41	+5	SE	4	c	3	48	40	-	
	Scilly	29.35	50	WSW	6	c	29.45	+0.11	53	50	+3	SSW	4	c	6	53	46	0.12	
	Corunna	*	*	*	*	*	29.57	-0.24	57	48	+9	S	6	c	5	57	48	-	
	Scilly 2pm	*	*	*	*	*	29.45	-0.48	51	48	+3	S	6	c	5	51	48	-	
11 th	Sunbury Hd.	29.92	44	NE	5	b c	29.88	+0.01	45	40	+5	NE	5	b c	5	49	38	-	
	Scilly	29.45	49	SSE	5	c	29.45	-0.01	54	52	+2	SSE	3	o	4	55	44	0.05	
	Corunna	*	*	*	*	*	29.88	+0.29	54	48	+6	SW	3	c	4	54	48	-	
	Scilly 2pm	*	*	*	*	*	29.48	-0.44	58	55	+3	SSW	4	c	4	58	55	-	
12 th	Sunbury Hd.	29.84	45	NE	6	b	29.81	-0.07	46	43	+3	NE	6	c	6	49	41	-	
	Scilly	29.48	53	SSW	4	c	29.48	+0.03	50	49	+1	Z	0	c	4	50	47	0.05	
	Corunna	*	*	*	*	*	29.82	-0.06	55	48	+7	N	0	c	3	55	48	-	
	Scilly 2pm	*	*	*	*	*	29.56	-0.32	54	51	+3	Z	0	c	3	54	51	-	
13 th	Sunbury Hd.	29.83	45	NE	5	b c	29.84	+0.03	46	42	+4	NE	6	c	5	50	41	-	
	Scilly	29.61	52	N	4	b c	29.60	+0.12	56	53	+3	S	3	b c	4	56	44	-	
14 th	Sunbury Hd.	29.82	44	NE	5	c	29.79	-0.05	45	41	+4	NE	5	b c	4	48	40	-	
	Scilly	29.65	53	N	6	o	29.46	-0.14	53	53	-3	SSW	4	c	5	57	49	0.40	
	Corunna	29.82	54	SSW	4	o	29.62	-0.25	54	54	0	WSW	4	c	5	57	46	0.30	
	Scilly 2pm	*	*	*	*	*	29.74	-0.08	58	48	+10	SW	6	c	4	58	48	-	
15 th	Sunbury Hd.	29.76	44	NE	4	c	29.75	-0.04	45	42	+3	NNW	2	o	1	47	37	-	
	Scilly	29.68	53	WSW	6	o	29.91	+0.35	54	52	+2	WSW	6	b c	5	59	49	0.03	
	Scilly 2pm	*	*	*	*	*	30.02	+0.11	59	56	+3	WSW	5	b c	4	59	56	-	
16 th	Sunbury Hd.	29.82	48	SW	3	b	29.92	+0.17	46	45	+1	SSW	4	o	2	52	36	-	
	Scilly	29.03	55	SW	5	b	30.03	+0.12	55	54	+1	SSW	5	c	4	59	51	-	
	Corunna	*	*	*	*	*	30.28	+0.25	57	48	+9	W	3	c	1	57	48	-	
	Scilly 2pm	*	*	*	*	*	30.02	-0.26	54	54	0	SSW	5	c	4	54	54	-	
17 th	Sunbury Hd.	29.02	45	SSE	6	o	29.95	+0.03	45	44	+1	SE	6	c	6	48	30	-	
	Scilly	29.99	54	SSW	5	o	29.65	-0.38	54	54	-1	WSW	6	o	6	57	51	0.10	
	Corunna	30.20	55	SW	2	b c	29.93	-0.29	54	52	+2	SSW	6	c	5	59	48	-	
	Scilly 2pm	*	*	*	*	*	30.25	+0.03	60	48	+12	SW	6	c	7	60	48	-	
18 th	Sunbury Hd.	29.83	45	SE	6	o	29.76	-0.19	45	44	+1	NE	4	c	7	46	42	0.13	
	Scilly	29.93	54	N	6	b	30.13	+0.48	54	51	+3	N	5	c	4	56	51	-	
	Corunna	*	*	*	*	*	30.34	+0.09	58	48	+10	NE	6	c	4	58	48	-	
	Scilly 2pm	*	*	*	*	*	30.21	-0.13	56	53	+3	W	5	b c	4	56	53	-	
19 th	Sunbury Hd.	29																	

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

DATE.	STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.				
				Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from previous page.	Dry.	Wet.	Difference from previous page.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
24th	Sunderland Hd.	30.10	46	nnw	5	h	30.09	-23	46	48	+2	2	5	c	3	50	42	0.10		
"	Silly	30.24	50	ne	5	o	30.26	+03	50	45	+1	ne	5	c	1	52	47	"		
"	Corunna	"	"	"	"	"	30.14	+06	58	"	0	ne	6	c	"	"	"	"		
"	Silly 2pm	"	"	"	"	"	30.23	"	53	48	"	ne	4	bc	2	"	"	"		
25th	Sunderland Hd.	30.13	45	nnw	4	c	30.10	+01	43	40	-3	n	2	c	1	48	36	0.01		
"	Silly	30.28	51	ne	4	b	30.29	+03	51	48	+1	ne	4	c	3	54	47	"		
"	Corunna	"	"	"	"	"	30.17	+03	58	"	0	ne	6	c	4	"	"	"		
"	Silly 2pm	"	"	"	"	"	30.29	"	56	51	"	nnw	4	c	3	"	"	"		
26th	Sunderland Hd.	30.07	45	nnw	4	c	29.97	-13	44	42	+1	s	3	c	1	49	35	"		
"	Silly	30.29	54	nnw	3	b	30.25	-04	55	51	+4	nnw	2	c	2	56	46	"		
"	Lorient	30.25	55	w	2	b	30.27	-01	52	48	+4	nnw	1	b	2	59	41	"		
"	Corunna	"	"	"	"	"	30.22	+05	60	"	+2	ne	3	b	2	"	"	"		
"	Silly 2pm	"	"	"	"	"	30.22	"	59	54	"	nnw	3	c	2	"	"	"		
27th	Sunderland Hd.	29.79	46	sw	4	o	29.74	-53	45	44	+1	sw	3	c	1	49	40	0.16		
"	Silly	30.16	56	nnw	4	bc	29.86	-39	54	51	-1	sw	6	c	5	59	50	"		
"	Corunna	"	"	"	"	"	30.09	-13	60	"	0	w	3	c	1	"	"	"		
28th	Sunderland Hd.	29.19	48	se	4	h	28.80	-64	47	46	+2	se	3	c	5	50	44	0.27		
"	Silly	29.45	54	sw	9	"	29.30	-56	55	53	+1	sw	3	c	6	58	51	0.85		
"	Corunna	"	"	"	"	"	29.83	-26	62	"	+2	sw	6	c	5	"	"	"		
"	Silly 2pm	"	"	"	"	"	29.13	"	57	53	"	w	8	c	6	"	"	"		
29th	Sunderland Hd.	28.64	46	se	4	o	28.77	-03	45	44	-2	sw	6	c	5	48	42	0.34		
"	Silly	29.49	55	w	6	c	29.59	+29	51	48	-4	sw	6	c	5	58	48	0.06		
"	Corunna	"	"	"	"	"	29.80	+06	58	"	-4	s	9	c	1	"	"	"		
"	Silly 2pm	"	"	"	"	"	29.50	"	58	54	"	sw	4	c	4	"	"	"		
30th	Sunderland Hd.	28.91	48	sw	5	c	29.02	+25	47	46	+2	sw	5	c	4	50	42	0.05		
"	Silly	29.58	54	nnw	4	c	29.61	+02	56	52	+5	nnw	4	c	4	58	49	0.01		
"	Corunna	"	"	"	"	"	29.69	-20	59	"	+1	w	3	c	5	"	"	"		
31st	Sunderland Hd.	29.16	47	s	4	o	29.46	+44	47	46	0	s	3	c	4	51	45	0.14		
"	Silly	29.61	54	sw	4	bc	29.45	-16	53	53	-3	se	5	c	4	59	51	0.03		
"	Lorient	29.67	55	s	3	bc	29.63	-18	57	55	+2	nnw	2	c	5	61	50	0.39		
"	Corunna	"	"	"	"	"	"	"	57	"	-2	sw	9	c	7	"	"	"		
"	Silly 2pm	"	"	"	"	"	29.41	"	55	55	"	se	1	c	6	"	"	"		
(2) CORRECTIONS																				
1st	Shields																	0.01		
4th	Wick	28.21																		
6th	Valencia 2pm								45											
7th	Wick						29.70	-22										0.35		
8th	Stornoway																			
9th	Leith	29.74																		
10th	Holyhead																			
11th	Nottingham						29.81	-04												
12th	London						29.76	-04												
13th	Wick																			
14th	Holyhead																	0.07		
15th	Valencia																	0.03		
16th	Portsmouth												nnw							
17th	Greenock 2pm						29.69													
18th	Valencia 2pm						29.52													
19th	Shields																			
20th	Wick						29.79	-01												
21st	Donaghadee																	Not rain.		
22nd	Pembroke	29.67																		
23rd	Wick	29.76																		
24th	Leith						29.76	+07												
25th	Rocky Point																	0.44		
26th	Warrington						29.75	-08												
27th	Liverpool	29.93																		
28th	Warrington																	0.03		
29th	Holyhead																			
30th	Liverpool																	0.20		
31st	Stornoway																	0.12		
1st	Rocky Point																			
2nd	Nottingham								47	45	-4					59				
3rd	Stornoway								48	46	0									
4th	Wick	30.87														51				
5th	Nottingham																			
6th	London	30.13	53			o														
7th	Valencia 2pm												sw							
8th	Holyhead 2pm																			
9th	Shields															56				
10th	Warrington																			
11th	Greenock 2pm						29.94													
12th	Shrewsbury																	0.19		
13th	Exeter						29.54	+32												
14th	Wick	28.90																		
15th	Scarborough 2pm									49										
16th	York									50										