

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY — 30TH JUNE,

1878.

DAILY WEATHER REPORT MAY 1st 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	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	30.08	29	?	2	bc	30.14	+ .06	30	26	+ 2	N	2	c	*	36	23	-	
Hernösand	30.05	36	Z	0	c	30.02	- .03	35	33	- 2	E	6	o	*	38	28	-	
Stockholm	29.96	40	E	4	s	29.95	- .01	41	38	- 3	?	?	bc	*	38	30	0.04	
Wisby	30.00	41	SE	12	c	29.93	- .07	46	40	+ 3	N	6	c	*	40	30	-	
Christiansund																		
Skudesnaes	29.82	45	ENE	1	bc	29.74	- .07	55	48	+ 1	ENE	4	o	3	?	45	-	
Oxö (Åhusand)	29.23	30	ENE	4	c	29.57	- .16	49	44	+ 3	ENE	3	o	2	50	45	-	
Skagen (The Seaw)	29.88	57	SE	2	o	29.83	- .05	48	42	+ 1	SE	4	o	4	57	43	-	
Fanö	29.75	60	ESE	4	c	29.67	- .07	57	49	+ 6	ESE	4	o	*	61	48	-	
Cuxhaven	29.74	?	E	1	m	29.69	- .05	54	53	+ 4	S	1	f	*	61	48	0.03	
Sumburgh Head	29.73	44	SSE	4	o	29.68	- .05	47	45	0	SE	4	c	4	47	42	-	
Stornoway	29.53	44	Z	0	bc	29.55	- .02	52	43	+ 1	Z	0	c	0	55	43	0.03	
Thurso	29.64	46	SE	4	o	29.61	- .03	45	44	- 2	SSE	2	o	2	53	40	-	
Wick	29.65	44	S	4	bc	29.64	- .01	46	45	+ 2	ESE	1	o	0	51	40	-	
Nairn	29.58	53	NW	1	o	29.61	- .11	47	45	- 6	Z	0	o	0	61	41	-	
Aberdeen	29.67	45	SSE	1	o	29.61	- .06	45	44	+ 2	NE	1	m	1	47	42	0.02	
Leith	29.62	45	E	4	c	29.59	- .03	45	45	- 8	NE	1	f	*	55	42	0.11	
Shields	29.62	46	E	2	T	29.60	- .02	46	46	+ 1	E	1	of	2	46	44	0.10	
Scarborough	29.62	45	N	1	m	29.62	- .02	46	46	+ 2	SE	1	m	2	48	44	0.11	
York	29.61	50	SE	1	o	29.59	- .02	52	51	+ 4	ESE	1	o	*	52	45	0.12	
Nottingham	29.60	58	NW	1	c	29.60	- .06	60	58	+ 11	SSW	1	o	*	65	48	0.21	
Ardrossan	29.57	53	ESE	2	o	29.59	- .02	48	46	- 6	NE	2	cm	1	57	45	0.03	
Greencastle	29.51	54	S	1	om	29.55	- .04	54	52	+ 2	S	1	o	*	58	50	-	
Donaghadee	29.55	48	SSE	3	o	29.60	- .05	48	48	+ 1	SE	2	o	1	49	47	0.21	
Kingstown	29.54	55	S	0	o	29.60	+ .01	58	49	0	Z	0	f	1	56	49	0.09	
Holyhead	29.57	52	S	2	f	29.58	- .02	57	50	- 2	NW	2	m	1	55	49	0.21	
Liverpool (Bidston)	29.56	57	ESE	1	bc	29.58	- .02	54	53	+ 6	ESE	1	o	1	57	48	0.12	
Valencia	29.56	59	SE	3	bc	29.61	+ .05	54	53	0	WNW	1	og	1	59	52	-	
Roche's Point	29.52	58	SE	3	f	29.60	+ .08	56	54	+ 3	N	1	c	3	62	52	0.09	
Pembroke	29.56	53	S	1	o	29.56	- .04	53	53	+ 3	NNW	1	cm	3	57	50	0.10	
Portishead	29.59	57	SSE	2	c	29.56	- .07	56	55	+ 1	SSW	2	o	3	59	57	0.47	
Seilly	29.54	54	S	4	o	29.58	- .05	53	53	0	NNW	4	of	3	58	57	0.47	
Plymouth	29.60	54	S	1	o	29.54	- .11	54	54	+ 2	E	1	o	*	57	52	0.57	
Hurst Castle	29.66	57	SW	4	c	29.59	- .08	55	54	+ 3	S	3	c	3	58	50	0.07	
Dover	29.65	53	WSW	3	bc	29.65	- .03	54	53	+ 1	WSW	2	bc	1	57	50	-	
London	29.63	62	SSW	2	c	29.64	- .03	57	54	+ 1	SSW	2	c	*	68	53	-	
Oxford						29.60	- .04	56	54	+ 2	S	1	o	*	66	53	-	
Cambridge	29.57	63	SW	1	o	29.63	- .04	57	55	+ 5	ENE	1	o	*	67	49	0.07	
Yarmouth	29.62	48	SSE	2	f	29.63	- .06	52	51	+ 4	SSW	1	cm	2	54	47	0.04	
The Helder						29.65	- .08	57	52	- 3	SSW	1	f	*			-	
Cape Gris Nez	29.71	52	SW	2	c	29.67	- .04	57	54	0	S	1	o	0	59	50	-	
Jersey	29.70	54	SSE	1	o	29.59	- .15	53	53	0	SSE	3	o	3	61	52	1.32	
Brest	29.65	?	SSW	4	o	29.59	- .16	52	52	- 2	NW	2	m	4	55	?	0.32	
L'Orient	29.71	55	SW	2	T	29.61	- .16	54	54	- 1	WSW	4	m	4	63	50	0.28	
Rochefort	29.74	66	NNW	1	o	29.75	- .01	57	55	- 2	WSW	4	o	3	73	50	0.43	
Biarritz	29.69	70	Z	0	o	29.84	+ .02	64	61	+ 3	NNW	2	o	2	79	57	-	
Corunna																		
Brussels						29.68	- .04	59	57	0	S	2	c	*	64	53	0.28	
Charleville						29.67	- .06	56	54	- 3	SE	1	o	*				
Paris	29.73	57	N	3	r	29.71	- .01	54	54	- 2	S	1	r	*			0.35	
Lyons						29.80	- .04	60	54	+ 2	SE	2	o	*				
Toulon	29.88	59	E	4	o	29.84	- .04	55	54	+ 1	E	5	c	4	66	52	-	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.24	57	47	WSW	2	bc	3	Valencia	29.49	58	54	SSE	3	C	3
Thurso	29.68	49	46	SE	4	bc	3	Seilly	29.59	55	55	SSE	4	f	4
Scarborough ..	29.66	45	45	ENE	1	o	3	London	29.64	65	59	WSW	2	C	*
Greencastle ...	29.54	55	52	S	1	o	*	Rochefort ...	29.78	68	63	NN	2	o	3
Holyhead	29.59	53	52	ESE	2	f	1								

Pressure decreasing slowly and uniformly everywhere. Wind is SSE 4.

EXPLANATION OF COLUMNS.

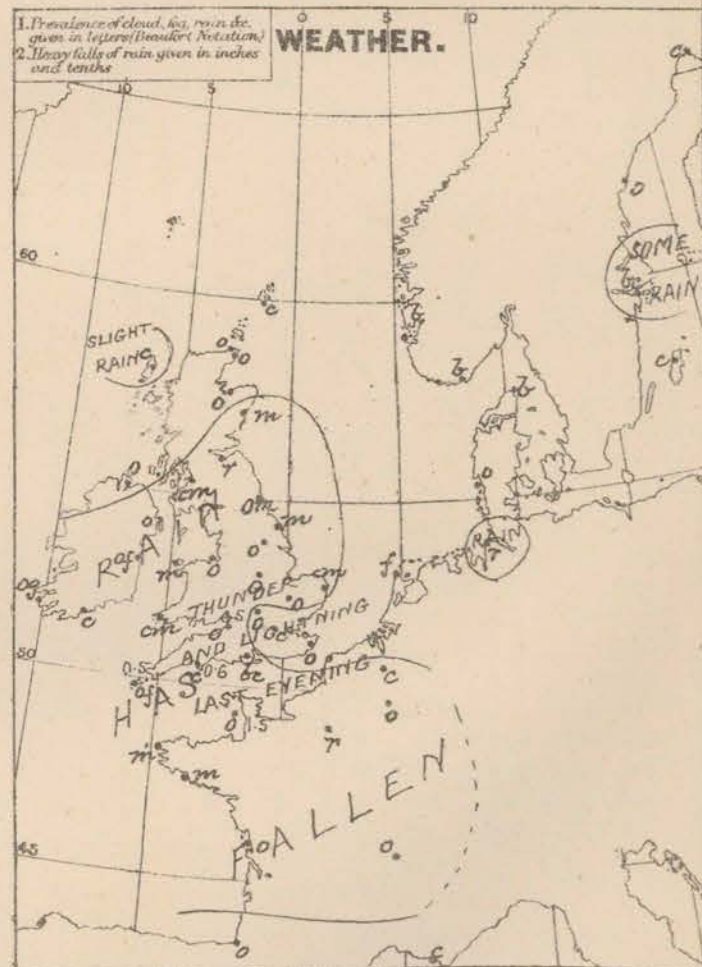
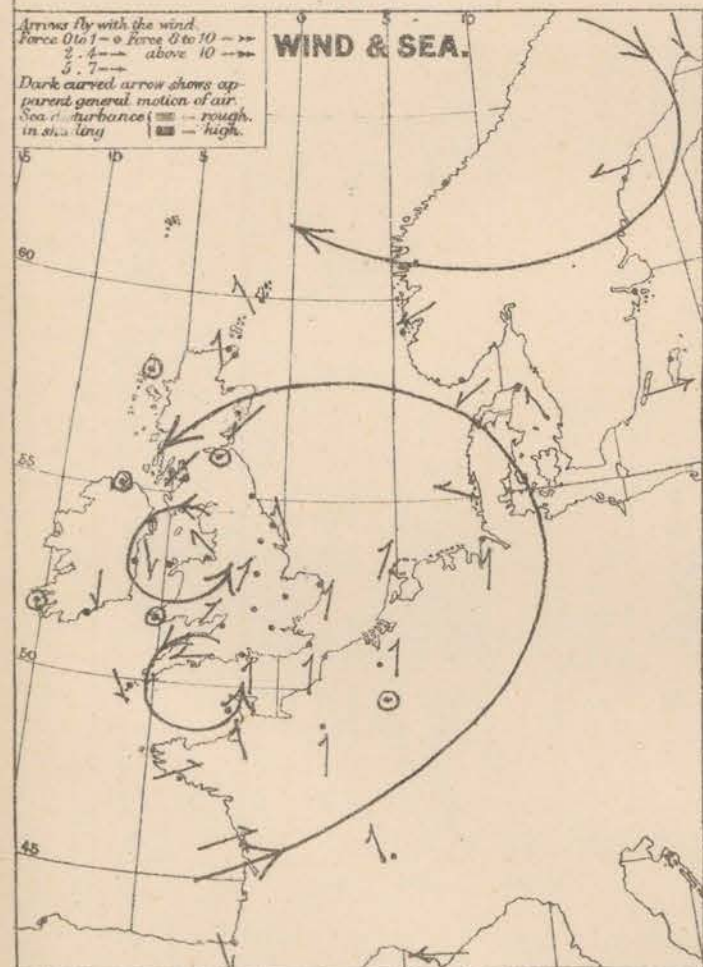
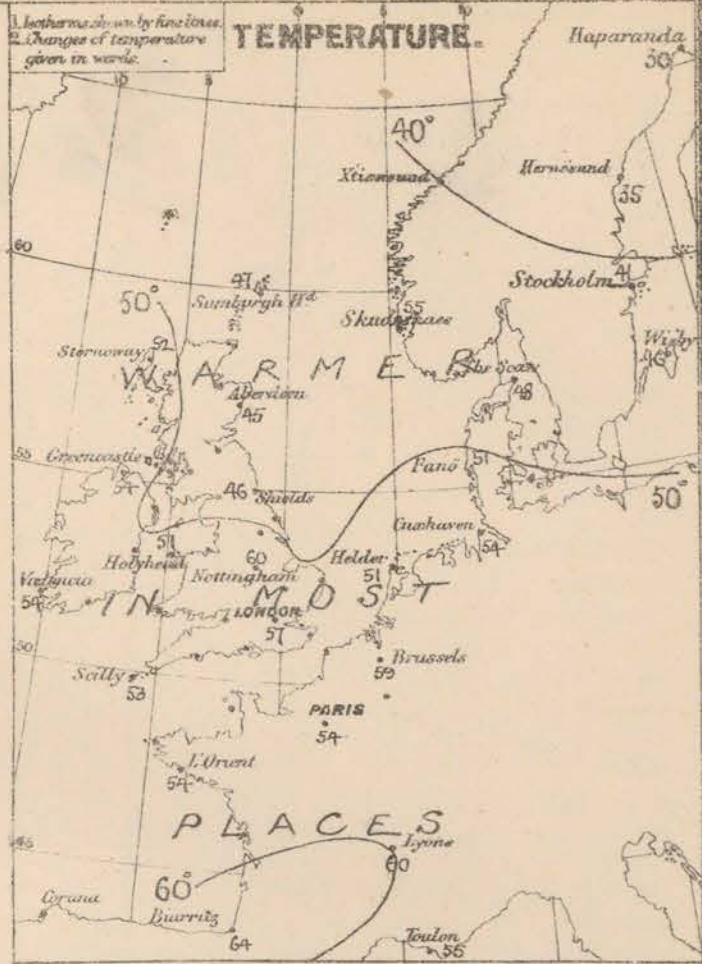
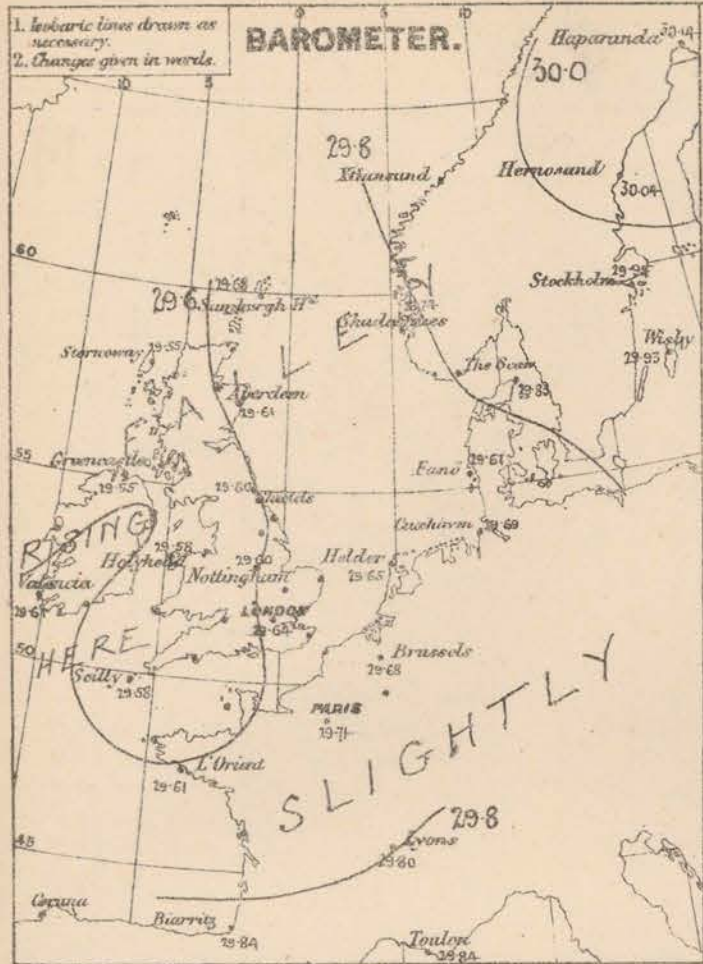
WEATHER.—Beaufort scale is, b. blue sky; a. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; ht. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 1st MAY. 1878.



REMARKS. Weather is clear in the S. of Norway, but very cloudy and unsettled in our Islands and Faeroes, wet and foggy in the Netherlands. Rain has fallen over the greater part of England and Ireland, especially in the SW. Thunder and lightning have occurred in many places, and at Jersey, the storm was accompanied by a wind and a half of rain. Temperature has risen in most places, and is high for the time of year at all but the Nth stations, the air in London is close and rather oppressive. Wind is light and very variable. It is chiefly NW on our W coasts, WNW in the Bay of Biscay, SW in the SE, and E in the NE. Sea is moderate off Ushant, slight or smooth elsewhere. Barometrical Indications. - Pressure is still higher at the Scandinavian and Faeroe stations than in our Islands, but the gradients are slight. A shallow (thunderstorm) depression lies over Wales and the W of England this morning.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT MAY 2nd 1878.

STATIONS.	↑ YESTERDAY EVENING.						8 A.M. TO DAY.								PART 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.	Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 15).			Dry.	Wet.	Difference from 8 a.m. yesterday.				Max.	Min.			
Haparanda ...	30.18	28	N.E	2	0	30.25	+ 11	31	28	+ 1	N	2	0	*	?	19	-
Hernösand ...	30.18	31	NE	2	0	30.26	+ 22	31	29	- 4	NE	4	5	*	*	*	0.08
Stockholm ...	30.20	39	ESE	4	0	30.11	+ 16	42	39	+ 1	SE	6	0	*	*	*	-
Wisby ...	29.93	41	SE	4	0	30.02	+ 09	45	40	- 1	SE	6	0	*	*	*	-
Christiansund ...	29.79	47	S	3	0	29.82		48	42		ESE	2	0	2	50	37	-
Skudesnaes ...	29.75	45	NNH	2	0	29.86	+ 12	50	48	- 5	SE	1	0	2	55	48	-
Oxö (Ålön) ...	29.79	48	ENE	4	0	29.89	+ 08	45	43	- 4	ENE	4	7	3	50	39	-
Skagen (The Swa)	29.82	48	S	4	7	29.91	+ 08	48	44	0	S	3	0	2	54	43	0.08
Fanö ...	29.74	50	ESE	4	0	29.80	+ 13	51	48	0	E	4	0	*	59	48	-
Cuxhaven ...														*			
Sumburgh Head	29.71	47	E	3	0	29.75	+ 07	47	46	0	SE	3	0	4	52	45	-
Stornoway ...	29.58	57	SSH	2	0	29.61	+ 06	52	51	0	SSE	2	7	1	57	47	-
Thurso ...	29.65	50	ESE	2	0	29.68	+ 07	48	47	+ 3	SE	1	0	2	56	44	-
Wick ...	29.66	48	SE	1	f	29.70	+ 06	46	46	0	SE	2	0	2	53	45	-
Nairn ...	29.65	48	ENE	1	0	29.71	+ 10	47	45	0	Z	0	0	0	53	45	-
Aberdeen ...	29.63	49	Z	0	0	29.74	+ 13	50	48	+ 5	SSE	1	0	1	50	45	-
Leith ...	29.61	54	E	1	e	29.71	+ 12	55	52	+ 0	Z	0	0	*	56	41	0.01
Shields ...	29.67	47	E	1	0	29.78	+ 18	55	52	+ 9	NNH	1	0	1	55	44	-
Scarborough ...	29.68	48	N	1	f	29.81	+ 19	50	50	+ 4	SE	1	0	f	50	?	-
York ...	29.64	62	ESE	1	0	29.82	+ 23	53	47	+ 1	SW	1	0	*	64	49	-
Nottingham ...	29.65	58	NNH	1	7	29.85	+ 25	53	52	- 7	Z	0	0	*	75	44	0.42
Ardrossan ...	29.64	54	SSH	2	0	29.73	+ 14	53	50	+ 5	SSH	1	0	0	60	48	-
Greencastle ...	29.63	57	N	1	0	29.67	+ 12	53	51	- 1	S	1	0	*	67	50	0.07
Donaghadee ...	29.65	52	ESE	3	0	29.75	+ 15	52	52	+ 4	SSH	3	0	1	56	45	0.02
Kingstown ...	29.68	57	SE	1	0	29.77	+ 17	55	53	+ 5	S	3	0	1	57	49	0.01
Holyhead ...	29.68	52	NNH	1	0	29.87	+ 23	57	50	0	S	4	0	3	54	48	-
Liverpool (Bidston)	29.66	54	NN	1	0	29.82	+ 24	52	51	- 2	SE	1	0	1	58	47	-
Valencia ...	29.73	55	NNH	2	0	29.79	+ 18	54	52	0	NNH	3	0	2	61	50	0.22
Roche's Point...	29.73	56	N	4	0	29.80	+ 20	54	53	- 2	SW	4	0	4	60	50	0.12
Pembroke ...	29.71	50	NN	2	0	29.87	+ 31	52	51	- 1	SSH	2	0	3	55	46	0.01
Portishead ...	29.64	58	SSH	3	0	29.87	+ 31	51	51	- 5	SW	3	0	2	62	48	0.53
Scilly ...	29.77	54	NNH	4	0	29.93	+ 38	56	55	+ 3	SW	4	0	4	56	50	0.01
Plymouth ...	29.68	57	NE	2	0	29.92	+ 38	56	54	+ 2	NNH	2	0	*	61	50	0.09
Harst Castle ...	29.65	58	SW	3	0	29.88	+ 29	54	54	- 1	N	3	0	4	60	47	-
Dover ...	29.64	55	E	1	0	29.86	+ 21	56	53	+ 2	Z	0	0	0	61	52	-
London ...	29.64	64	SSE	1	0	29.86	+ 22	52	51	- 5	SW	1	0	*	69	49	0.18
Oxford ...	*	*	*	*	*	29.87	+ 27	52	62	- 4	Z	0	0	*	65	48	-
Cambridge ...	29.63	63	S	1	0	29.87	+ 24	56	54	- 1	Z	0	0	*	68	54	-
Yarmouth ...	29.65	54	SSE	2	0	29.84	+ 21	52	51	0	S	1	0	1	55	45	0.10
The Helder ...	*	*	*	*	*	29.84	+ 19	50	50	- 1	NN	1	0	f	*	*	-
Cape Gris Nez	29.65	61	E	1	0	29.88	+ 21	57	55	0	Z	0	0	0	63	50	-
Jersey ...	29.71	52	NNH	3	0	29.98	+ 39	51	51	- 2	NNH	4	0	3	60	49	-
Brest ...	29.82	?	NNH	3	m	30.02	+ 43	52	50	0	NNH	2	0	4	55	50	-
L'Orient ...	29.80	55	NNH	3	0	30.04	+ 43	54	50	0	NN	4	0	4	61	50	-
Rochefort ...	29.85	61	N	5	0	30.01	+ 26	57	55	0	NN	4	0	3	63	52	-
Biarritz ...	29.97	66	NNH	4	0	30.09	+ 25	55	54	- 9	NNH	4	7	3	66	52	0.16
Corunna ...	*	*	*	*	*									*	*	*	
Brussels ...	*	*	*	*	*	29.83	+ 15	58	56	- 1	SSE	1	0	*	65	54	0.24
Charleville ...	*	*	*	*	*	29.77	+ 10	55	*	0	SE	1	0	*	*	*	*
Paris ...	29.66	59	SSH	2	0	29.89	+ 18	55	53	+ 1	NN	3	0	*	*	*	0.08
Lyons ...	*	*	*	*	*	29.78	- 02	61	*	+ 1	S	2	0	p.	*	*	*
Toulon ...	29.84	55	SW	3	0	29.84		55	52	0	NN	5	m	4	57	54	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.74	53	48	NH	4	c	2	Valencia	29.71	60	55	NH	2	bc	3
Thurso	29.63	54	51	SE	2	o	2	Scilly							
Scarborough ...	29.64	48	48	SE	1	f	2	London	29.62	63	58	SE	1	c	*
Greencastle ...	29.61	63	58	S	1	o	*	Rochefort ...	29.79	61	57	N	5	c	3
Holyhead	29.65	57	50	NH	2	op	1								

The barometer has risen at all stations during the morning. The weather is still cloudy, with fog and showers in various places.

EXPLANATION OF COLUMNS.

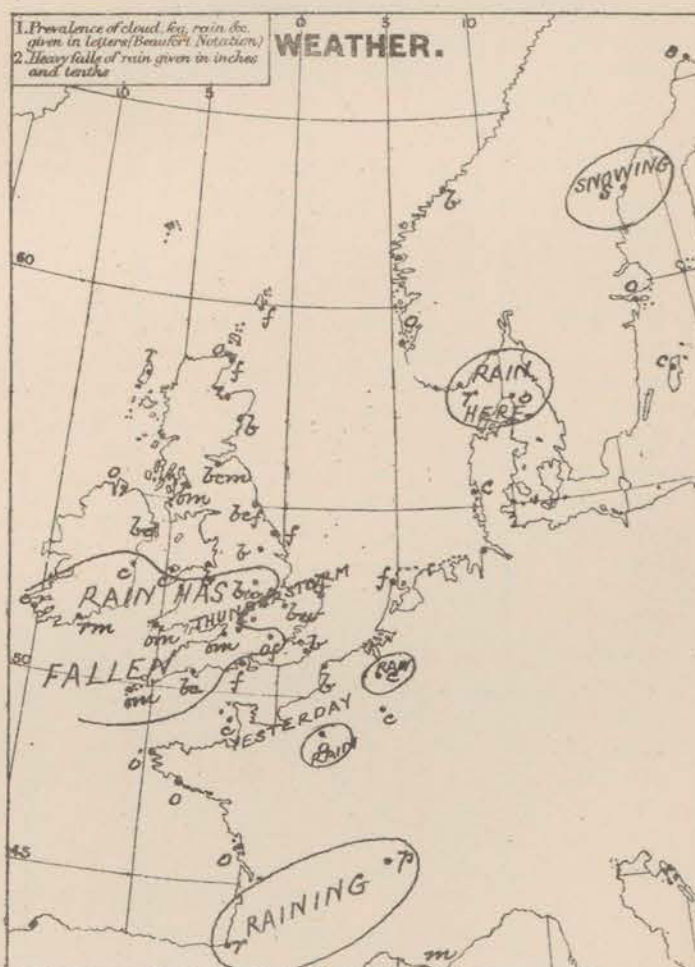
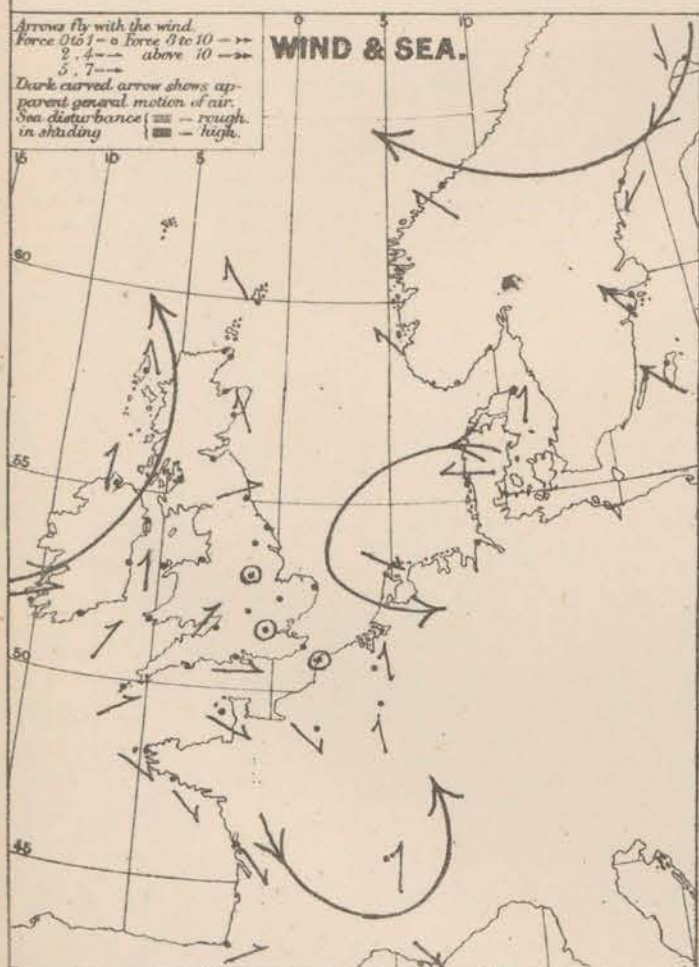
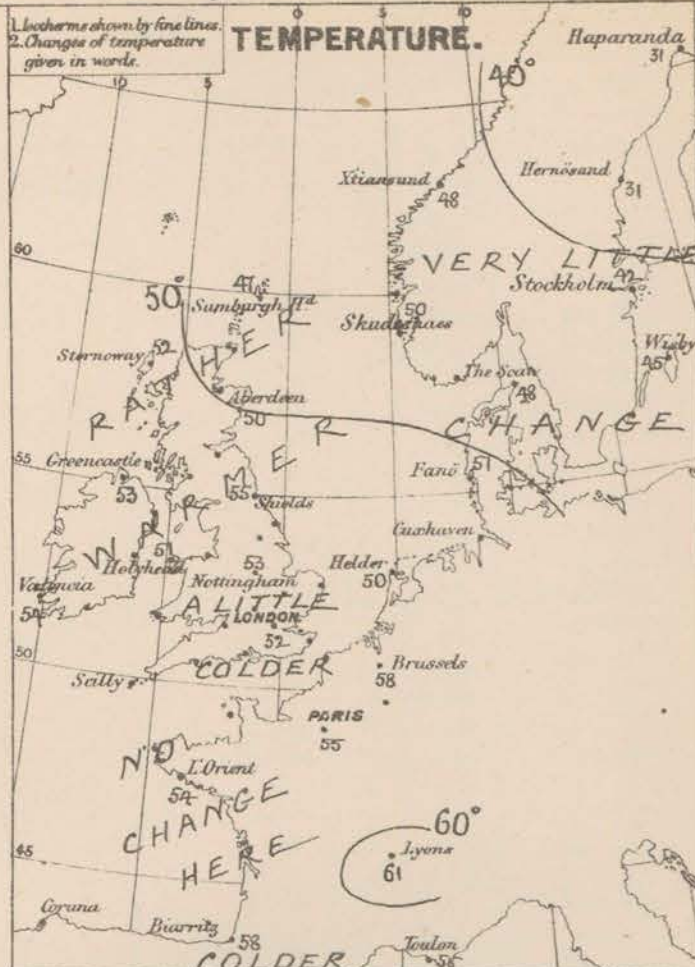
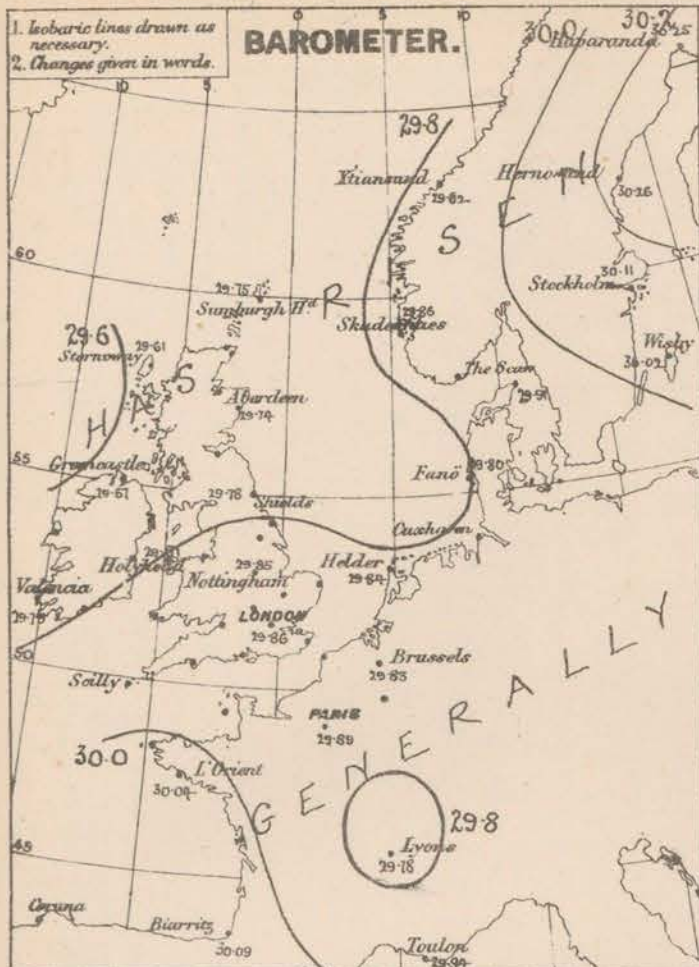
WEATHER.--Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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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.

WEATHER CHARTS for 8 a.m. on Thursday 2ND MAY 1878.



REMARKS. Weather is very changeable over the whole of W. Europe. The sky is at present clear over the inland parts of England, cloudy elsewhere, with fog in the SE and E, and rain at some of the W. stations, and the S. of France. Thunderstorms again occurred over England and also at Paris yesterday, causing heavy rains locally. The storm in London last evening was heaviest in the City, but less so in the suburbs, and at Paddington there was no rain at all. Temperature is much lower than yesterday, this morning are rather lower over England than at same yesterday. It was to be 70° in the shade in London yesterday, and is reported to have reached 75° at Nottingham. Wind is light and variable, it is from SW to S along the W. coast, from NW in the Channel, and from NW in the Bay of Biscay, and very light from SE in the English Channel. Barometrical indications. The barometer has risen at all stations since yesterday - especially in the W. of France. There are still two areas of high pressure reported, one in N. Europe, the other over the Bay of Biscay, between these are three shallow depressions, one off the NW coast, one over the North Sea, and a third over Central France.

DAILY WEATHER REPORT MAY 3RD 1878.

STATIONS.	YESTERDAY EVENING.					8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 32° F. See Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda	30.34	28	Z	0	C	30.32	+ .07	33	29	+ 2	Z	0	δ	*	36	18	-	
Hernösand	30.30	31	E	2	C	30.28	+ .02	36	33	+ 5	SE	2	5	*	*	*	-	
Stockholm	29.79	39	SE	6	0	30.23	+ .12	43	37	+ 1	SE	6	0	*	*	*	-	
Wisby	30.07	36	ESE	6	δ	30.15	+ .13	45	40	0	SE	6	δ	*	*	*	-	
Christiansund	29.88	50	SSW	1	δ	29.83	+ .01	50	43	+ 2	SE	3	δc	2	55	39	-	
Skudesnaes	29.90	49	Z	0	T	29.90	+ .04	48	47	- 2	SE	4	T	4	52	48	0.16	
Oxö (Xtiansand)	29.97	49	NE	6	0	29.99	+ .10	48	46	+ 3	ENE	4	0	3	?	45	-	
Skagen (The Ssaw)	30.00	49	SE	4	0	30.02	+ .11	46	45	- 2	SE	4	0	4	50	41	0.20	
Fanö	29.93	50	H	1	C	29.98	+ .18	51	50	0	H	4	f	*	64	46	-	
Cuxhaven	29.92	?	N	1	δ	30.02	+ .13	51	51	- 5	NN	1	f	*	57	46	-	
Sumburgh Head	29.61	46	ESE	3	m	29.76	+ .01	49	46	+ 2	SW	3	δ	3	50	42	-	
Stornoway	29.64	54	SW	6	δ	29.63	+ .02	53	50	+ 1	SSW	8	δ	6	54	48	0.11	
Thurso	29.67	53	H	3	0	29.73	+ .05	53	49	+ 5	SSW	2	δ	2	60	40	0.08	
Wick	29.69	52	H	1	0	29.75	+ .05	51	47	+ 5	SSW	2	δ	1	54	42	0.03	
Nairn	29.72	53	SSW	1	0	29.78	+ .07	54	49	+ 7	SW	2	δ	1	58	44	0.05	
Aberdeen	29.71	58	SSW	2	C	29.84	+ .10	57	48	+ 1	S	2	δ	1	61	44	-	
Leith	29.75	58	SW	1	C	29.85	+ .14	57	48	- 4	SW	1	δc	*	61	46	0.02	
Shields	29.84	54	WSW	1	Tf	29.92	+ .14	55	50	0	WSW	1	C	1	62	48	0.09	
Scarborough	29.86	63	Z	9	C	29.94	+ .13	58	55	+ 8	WSW	1	C	1	65	50	-	
York	29.88	62	H	1	0	29.95	+ .13	58	52	+ 2	H	1	0	*	69	51	0.02	
Nottingham	29.94	62	NN	1	0	29.99	+ .14	58	52	+ 5	SW	1	0	*	75	52	-	
Ardrossan	29.79	52	SW	2	0	29.86	+ .13	50	48	- 3	SSW	2	0	2	55	46	0.10	
Greencastle	29.75	59	SW	2	δ	29.81	+ .14	51	49	- 2	SSE	2	C	*	62	47	-	
Donaghadee	29.81	52	SSW	3	δ	29.90	+ .15	50	48	- 2	SW	3	C	2	60	46	0.11	
Kingstown	29.84	57	SSW	1	C	29.95	+ .18	53	49	- 2	SE	1	C	1	61	50	0.09	
Holyhead	29.88	51	SSW	3	f	29.97	+ .16	50	49	- 1	SSW	2	m	1	55	48	0.04	
Liverpool (Bidston)	29.89	56	SSW	2	0	29.97	+ .15	51	48	- 1	H	1	T	1	62	50	0.11	
Valencia	29.89	55	SW	4	δm	29.97	+ .18	54	49	0	SW	3	δm	4	58	49	-	
Roche's Point...	29.92	57	H	4	δc	29.98	+ .18	53	49	- 1	WSW	3	δc	3	60	49	0.01	
Pembroke	29.93	52	SSW	3	0	29.99	+ .12	49	48	- 3	ENE	1	0	3	54	47	0.10	
Portishead	29.92	56	SW	4	0	30.02	+ .15	54	54	+ 3	SW	2	om	3	60	48	0.04	
Scilly	29.99	55	SW	5	0	30.01	+ .08	51	50	- 5	N	5	tf	5	59	50	0.12	
Plymouth	30.00	57	WSW	2	0	30.02	+ .10	52	51	- 4	S	2	od	4	60	52	0.06	
Hurst Castle	29.99	55	H	4	δc	30.05	+ .17	52	52	- 2	SW	4	0	4	59	50	-	
Dover	29.95	57	SW	3	0	30.06	+ .20	50	49	- 6	SW	2	of	1	58	49	-	
London	29.94	65	WSW	1	C	30.03	+ .17	57	55	+ 5	SW	1	C	*	68	50	-	
Oxford	*	*	*	*	*	30.01	+ .14	55	54	+ 3	SW	1	0	*	65	52	-	
Cambridge	29.90	65	H	1	0	30.01	+ .14	59	56	+ 3	SSW	1	0	*	70	50	-	
Yarmouth	29.89	55	S	1	δm	30.00	+ .16	58	56	+ 6	H	1	m	1	59	50	0.03	
The Helder	*	*	*	*	*	30.01	+ .17	50	50	0	SSW	2	f	*	*	*	-	
Cape Gris Nez	29.99	50	SSW	4	f	30.09	+ .18	50	50	- 7	SW	3	f	2	57	45	-	
Jersey	30.08	55	H	3	δ	30.12	+ .14	55	51	+ 4	SW	3	0	3	55	57	-	
Brest	30.11	?	WSW	3	0	30.10	+ .08	54	52	+ 2	SSW	3	0	2	55	50	-	
L'Orient	30.11	55	NNN	3	δc	30.13	+ .09	55	54	+ 1	WSW	2	C	3	59	50	-	
Rocheport	30.14	63	NN	4	δc	30.17	+ .16	55	52	- 2	SE	2	δ	3	64	52	-	
Biarritz	30.15	63	NNN	2	C	30.19	+ .01	54	52	- 1	ENE	3	C	3	?	48	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	30.08	+ .25	52	57	- 6	H	2	1	*	67	50	0.04	
Charleville	*	*	*	*	*	30.05	+ .28	57	*	- 4	SW	3	0	*	*	*	*	
Paris	30.01	60	H	2	δc	30.12	+ .23	57	52	+ 2	NN	3	δc	*	*	*	-	
Lyons	*	*	*	*	*	30.08	+ .30	61	*	0	NN	2	?	*	*	*	*	
Toulon	29.81	66	H	6	δ	29.88	+ .14	66	54	+ 11	E	2	δ	5	70	55	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.88	57	48	SE	2	r	3	Valencia	29.87	57	57	SW	4	bc	4
Thurso	29.67	55	53	SSE	2	rf	2	Scilly	29.98	57	55	SW	5	0	4
Scarborough ...	29.83	56	54	SSE	1	bc	1	London	29.93	64	60	WSW	1	0	5
Greencastle ...	29.72	56	53	SSW	2	0	*	Rocheport ...	30.12	61	57	WSW	5	6	3
Holyhead	29.87	52	52	SSW	3	d	2								

No important change.

EXPLANATION OF COLUMNS.

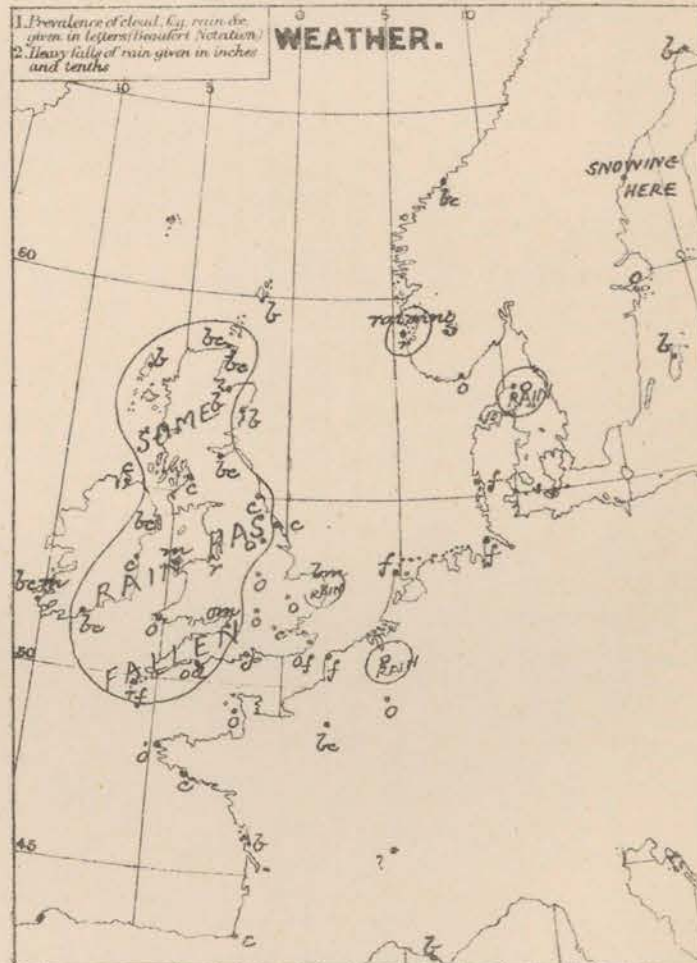
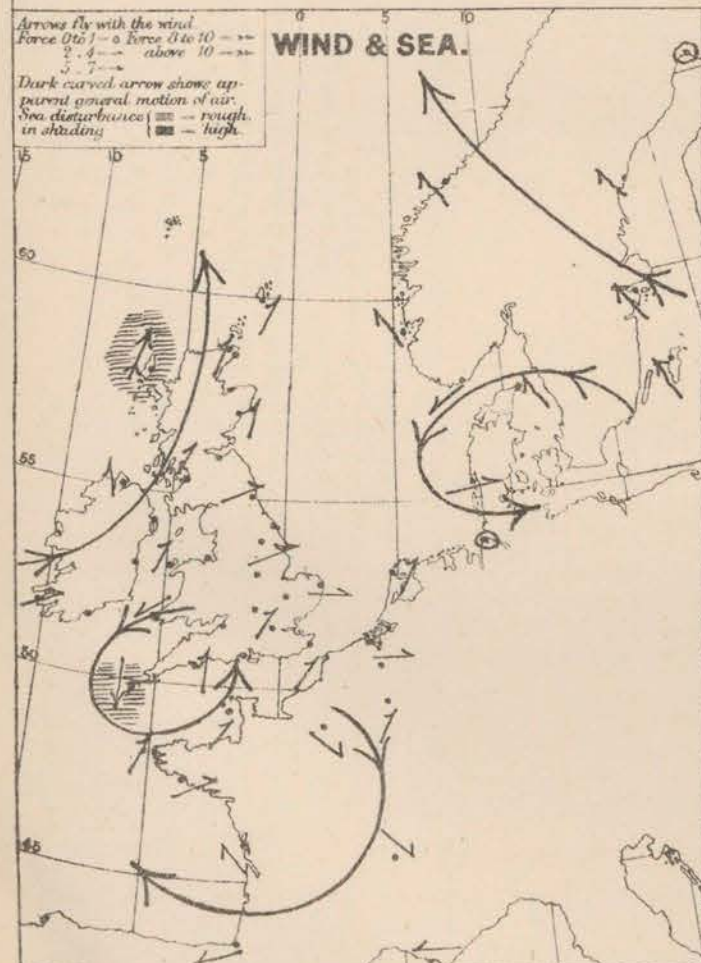
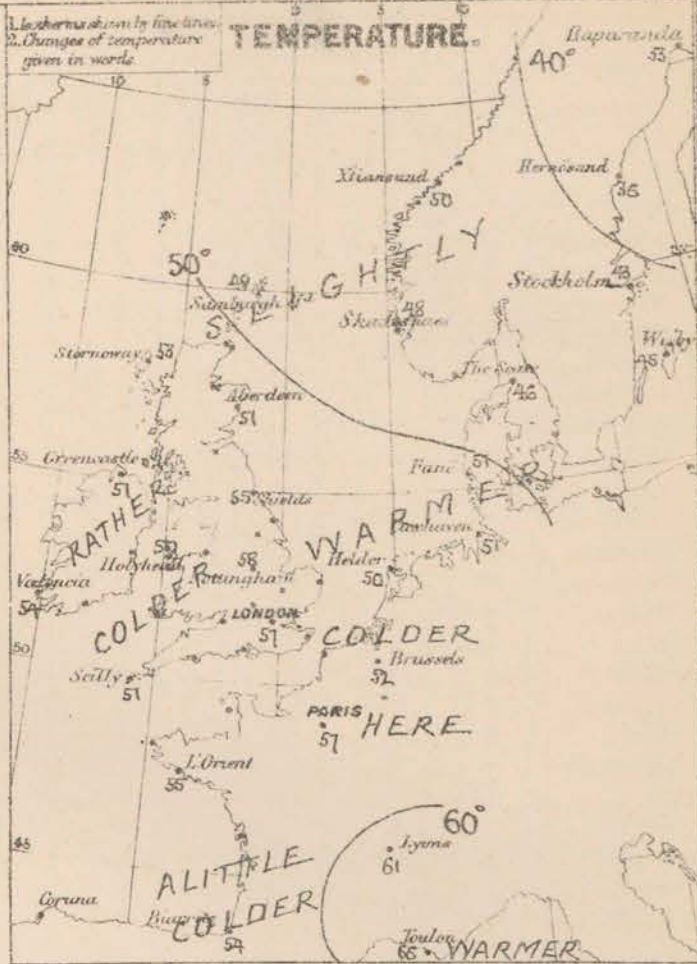
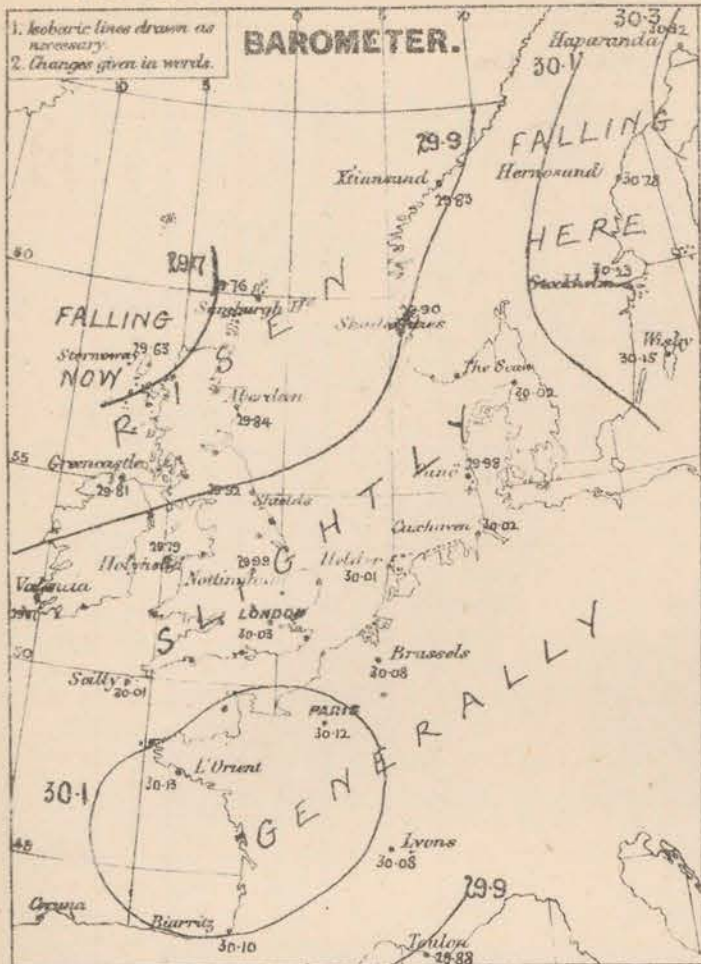
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

i 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 3 MAY 1878.



REMARKS. Weather is fine in Scotland and Ireland this morning, and also over the greater part of France; show here it is cloudy and misty, with rain and fog in several places, and snow at Haparanda. Slight showers occur over the west and north yesterday, and thunder was heard at Cambridge. Temperature has changed very irregularly; it has risen several degrees at most of the stations in E. Britain, but has fallen in Ireland, the lowlands of Scotland, the English Channel and Belgium. The maximum values recorded yesterday were 70 at Nottingham, 68 at Cambridge, 69 at York and 68 in London. Wind is very variable; it is chiefly NW over the United Kingdom and N. of France, but there are local eddies at the mouth of the Channel, and on the E. shores of the North Sea, where Sweden and Norway the wind is SE. At SWgate is reported at Stormy. Sea is smooth or nearly so except at the mouth of the Channel, and off the northern NW of Scotland. Barometrical Indications. The barometer has again risen over the whole of W. Europe, but is now falling a little over Scandinavia and the Hebrides. The depression in the NW has moved a little to the N. of the position it occupied yesterday, but small "thunderstorm" depressions continue to pass over the more S. parts of the Kingdom.

DAILY WEATHER REPORT MAY 4th 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda														*				
Hernösand														*	*	*		
Stockholm														*	*	*		
Wibby														*	*	*		
Christiansund ...	29.81	49	WNN	1	o	29.61	-.22	50	47	o	SE	1	c	4	52	41	0.04	
Skudesnaes ...	29.84	48	SSE	6	f	29.71	-.19	48	46	o	SSE	6	o	5	?	?	0.32	
Oxö (Ålön)	29.93	48	ENE	3	f	29.79	-.20	47	47	-1	SSH	2	f	2	48	45	-	
Skagen (The Seaw.)	29.95	47	SSH	3	f	29.80	-.22	50	49	+4	SH	3	f	1	50	41	0.48	
Fanö	29.95	51	S	2	o	29.85	-.13	51	51	o	SH	4	f	*	55	48	-	
Cuxhaven ...	30.02	54	E	1	f	29.98	-.04	57	56	+6	SH	3	o	*	55	48	0.04	
Sunburch Head	29.64	49	SSE	5	o	29.55	-.21	47	44	-2	WSW	5	o	5	55	43	-	
Stornoway	29.53	48	WSW	6	f	29.65	+0.2	48	45	-5	W	5	o	4	53	40	0.28	
Thurso	29.62	54	SSH	2	o	29.64	-.09	50	46	-3	SSH	2	o	3	61	41	0.02	
Wick	29.63	52	SH	4	c	29.66	-.09	50	44	-1	WSW	4	o	2	61	40	-	
Nairn	29.68	55	SH	3	o	29.73	-.05	48	44	-6	SH	1	o	1	62	42	0.07	
Aberdeen ...	29.73	56	SSH	3	o	29.75	-.09	48	45	+1	WSW	3	o	1	60	45	-	
Leith	29.78	54	WSW	3	o	29.81	-.04	51	48	o	WSW	3	o	*	63	45	0.03	
Shields	29.89	58	W	3	o	29.90	-.02	53	48	-2	W	2	m	1	58	46	0.01	
Scarborough ...	29.91	56	WSW	1	o	29.95	+0.01	54	50	-4	W	2	o	1	64	45	0.03	
York	29.95	56	W	2	o	29.99	+0.04	52	49	-3	W	1	o	*	59	43	0.04	
Nottingham ...	29.99	54	SH	1	o	30.04	+0.05	57	53	-1	WSW	3	c	*	68	38	0.05	
Ardrossan ...	29.81	52	SH	3	c	29.86	0.00	50	48	o	SH	3	c	3	56	48	0.13	
Greencastle ...	29.80	55	WSW	3	o	29.87	+0.06	51	49	o	W	3	o	*	60	46	0.10	
Donaghadee ...	29.86	54	SSH	4	o	29.93	+0.03	52	50	+2	W	5	o	4	59	48	-	
Kingstown ...	29.93	60	W	4	o	30.02	+0.07	53	49	o	W	4	o	3	61	50	-	
Holyhead ...	29.86	53	SSH	5	o	30.02	+0.05	51	49	+1	SH	4	o	3	58	47	-	
Liverpool (Bidston)	29.95	59	W	1	o	30.01	+0.04	52	48	+1	WSW	3	o	1	59	47	0.02	
Valencia ...	30.01	54	WSW	4	o	30.10	+0.03	53	48	-1	W	3	o	3	58	49	0.01	
Roche's Point...	30.01	56	W	4	o	30.07	+0.09	53	49	o	W	3	c	3	59	48	0.32	
Pembroke ...	30.02	52	SH	2	o	30.09	+0.07	52	50	+3	WSW	2	o	3	55	48	0.03	
Portishead ...	30.02	53	WSW	4	o	30.10	+0.08	50	50	-3	WSW	4	o	4	58	46	0.11	
Scilly	30.11	55	WNN	4	o	30.15	+0.04	54	52	+3	W	4	c	4	56	50	0.05	
Plymouth ...	30.05	54	W	1	o	30.15	+0.10	51	50	-1	W	1	o	*	58	42	0.04	
Hurst Castle ...	30.04	54	SH	4	m	30.13	+0.08	52	50	o	WSW	3	o	3	59	42	-	
Dover	30.05	53	WSW	2	o	30.09	+0.03	56	51	+6	SH	1	o	0	57	49	-	
London	30.01	61	SH	3	c	30.09	+0.06	52	49	-5	W	2	o	*	64	45	-	
Oxford	*	*	*	*	*	30.10	+0.09	51	49	-4	W	1	c	*	63	43	-	
Cambridge ...	29.97	61	SH	1	o	30.07	+0.06	53	50	-6	W	1	o	*	65	38	-	
Yarmouth ...	29.96	61	WSW	2	o	30.04	+0.04	54	50	-4	WNN	3	o	1	61	45	-	
The Helder ...	*	*	*	*	*	30.01	0.00	54	49	-1	W	1	f	*	*	*	0.04	
Cape Gris Nez	30.05	52	SH	2	o	30.11	+0.05	50	50	o	SH	1	o	0	55	48	-	
Jersey	30.11	57	W	0	o	30.19	+0.07	54	49	-1	NNE	3	o	2	59	49	-	
Brest	30.13	59	WSW	3	m	30.23	+0.13	50	48	-4	W	3	o	3	?	45	-	
L'Orient	30.12	57	W	2	o	30.16	+0.03	54	52	-1	NE	2	c	2	63	48	-	
Rochefort ...	30.10	63	W	3	o	30.10	-.07	63	59	+8	NE	3	o	3	66	45	-	
Biarritz	30.06	61	WNN	3	o	30.11	-.07	55	50	+1	WNN	3	o	3	?	48	-	
Corunna	*	*	*	*	*									*	*	*	*	
Brussels	*	*	*	*	*	30.08	0.00	54	52	+2	W	2	o	*	60	51	-	
Charleville ...	*	*	*	*	*	30.04	-.01	51	*	o	SH	3	o	*	*	*	*	
Paris	30.08	61	W	1	o	30.11	-.01	58	55	+1	W	3	o	*	*	*	-	
Lyons	*	*	*	*	*	30.06	-.02	61	*	o	W	2	m	*	*	*	*	
Toulon	29.89	68	W	3	o	29.97	+0.09	70	61	+4	W	2	o	3	77	66	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.89	49	48	SSE	6	o	4	Valencia	30.00	57	52	SSH	4	o	5
Thurso	29.68	58	50	SSH	2	c	2	Scilly	30.07	55	53	NNN	3	o	5
Scarborough ...	29.94	58	52	W	1	o	1	London	30.02	63	57	W	2	o	*
Greencastle ...	29.80	57	50	SH	3	o	*	Rochefort ...	30.10	61	55	NNN	3	o	3
Holyhead	29.97	55	52	SSH	4	o	3								

No important change.

EXPLANATION OF COLUMNS.

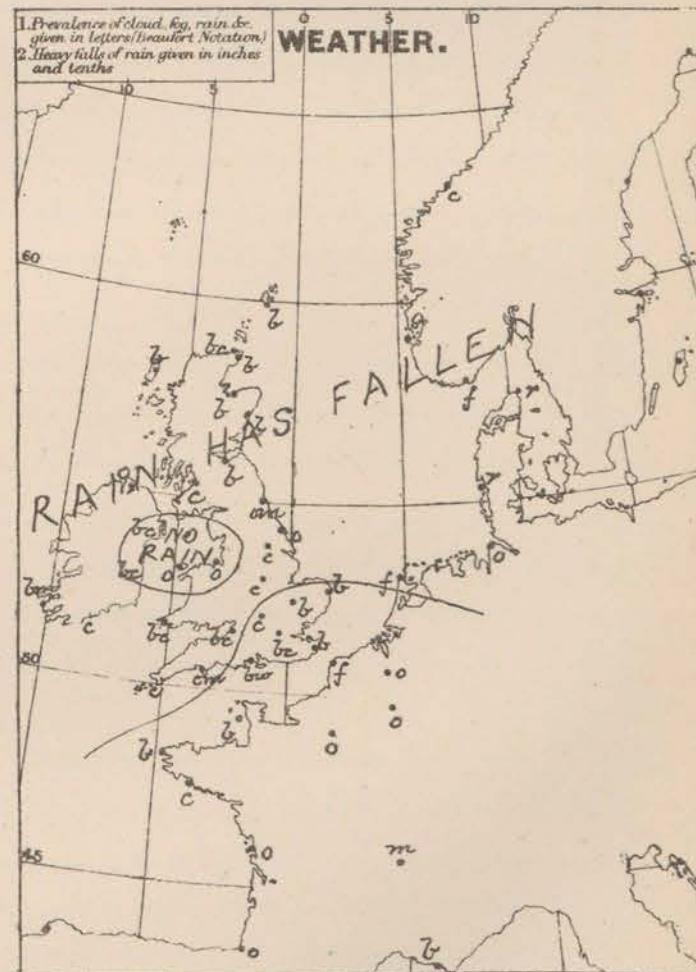
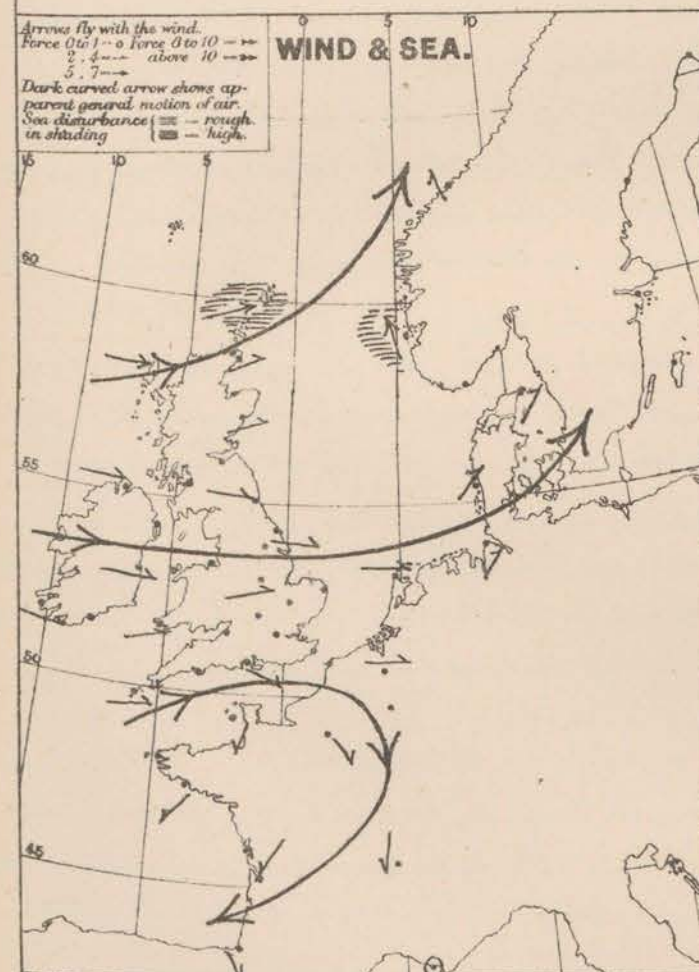
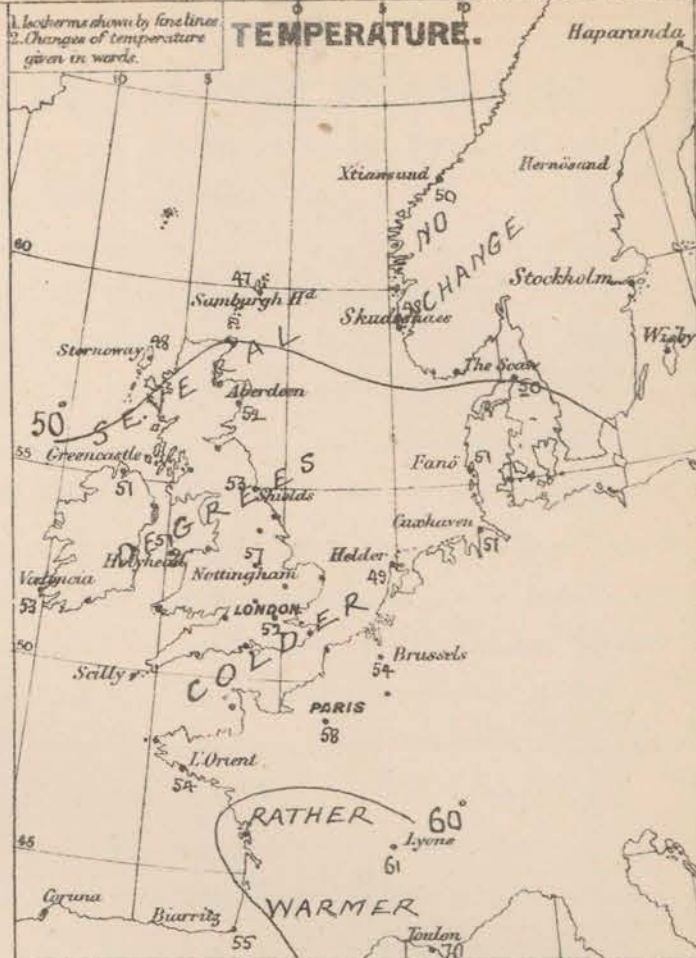
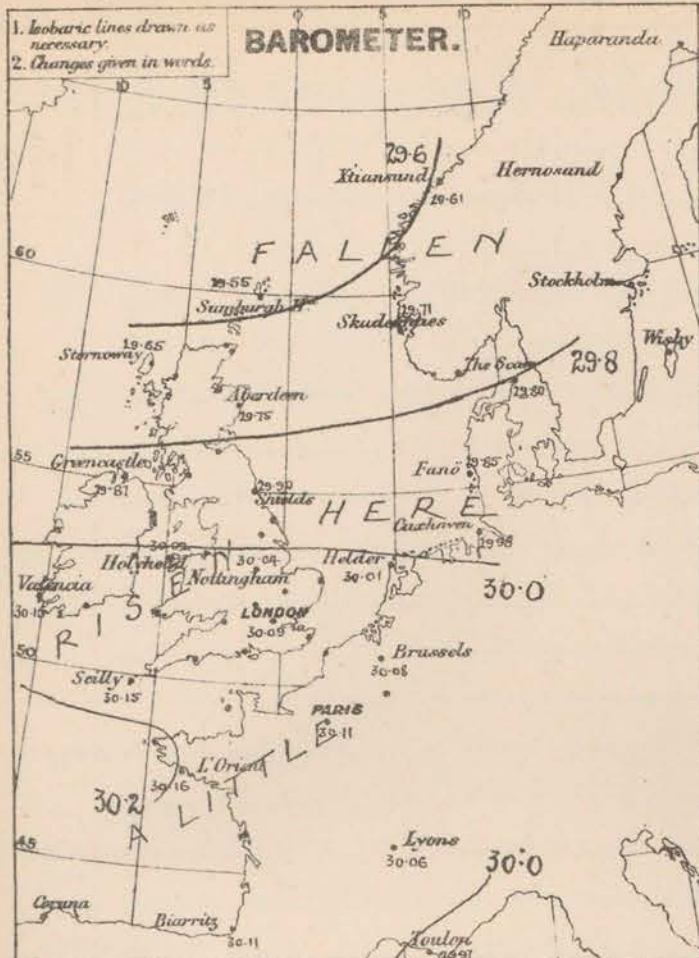
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Saturday 4 MAY 1878.



REMARKS. Weather this morning is fine over the whole of our Islands and France, but foggy in the Netherlands, and rainy in Denmark. Slight showers have fallen in the W and N during the past 24 hours, but the SE^r counties escaped. Temperature has fallen several degrees over Great Britain since yesterday morning and is very uniform between 48° and 54° over the United Kingdom. The maximum temperature yesterday was from 5° to 10° lower over England than that of Thursday. The air is much less oppressive in London than of late. Winds is light to moderate from the Wth all over our Islands, this morning while it is NW in Denmark, and SE to SE^r in Norway. In the Channel, (on the contrary) it draws into NW, and in the Bay of Biscay to NE. Sea is rather rough in the far N. slight or smooth elsewhere. Barometrical indications. The barometer has risen at all the Wth and Sth stations, during the past 24 hours, but fallen briskly in the N. Pressure is now highest off our SW. coast, lowest in the neighbourhood of the Netherlands, and the barometer is rising all over the United Kingdom.

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.
Secretary.

SUMMARY OF WEATHER IN WESTERN EUROPE

from APRIL 28th to MAY 4th 1878.

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

The changes which have occurred in the distribution of pressure during this period have been slight and gradual, and unaccompanied by any great atmospheric disturbance. During the first two days the barometer was highest in the SE. and lowest off our western coasts, so that S^W breezes with fine, dry and warm weather prevailed. From Tuesday until Thursday conditions were very much more unsettled, while on Friday and Saturday readings were again highest in the S. and S^W to N^W breezes with fair weather were reported generally.

APRIL 28th Pressure was increasing somewhat over our south-western stations, the eastern shores of the North Sea and the east of France, while it was slowly decreasing elsewhere. A large area of high readings lay over these Islands and their immediate neighbourhood, while pressure was relatively low over the Gulf of Bothnia and Spain. In consequence the wind was E^{ly} over France, SE^{ly} on our western coasts, S^W in the north, and N^W over Scandinavia; it was moderate or light in force except at Christiansund and Haparanda. Temperature though rather lower in the east and south-east of Great Britain was higher generally; it varied from 57° at Biarritz and 54° at Valencia and Paris to 39° at Shields and 33° at Haparanda. Weather was fine and very dry though fog and mist were reported very commonly. The barometer continued to fall everywhere during the day, and the SE^{ly} wind increased somewhat in the west.

APRIL 29th Pressure had increased briskly over Sweden, but in all other parts of our area it had decreased, the change varying from 0.3 in. in the south-west to 0.6 in. in Denmark; the highest reading was 30.13 in. at Hemöland, the lowest 29.64 in. at Valencia. Wind was SE^{ly} over the Bay of Biscay and on all our coasts, but more variable in Scandinavia. It blew freshly in the S^W. Temperature had risen generally - most in the extreme south-west of France, it ranged from 72° at Biarritz to 41° on our NE. coast and 31° at Haparanda. Weather was wet in the S^W, but dry and moderately fine elsewhere. Later reports showed that the barometer was still falling generally.

APRIL 30th A further decrease of pressure had occurred at all stations, but the general distribution of pressure was unaltered; the highest readings (30.0 in.) still being over Sweden, the lowest (29.5 in.) off the west coast of Ireland. Wind was SE^{ly} to E^{ly} in most places, but was S^W over the English Channel and N^W of France. Temperature was rather higher over France and lower over Scandinavia than on the previous day, but over these Islands the changes were slight and irregular. Weather was wet, dull and foggy except in Norway and at Cuthaven. No change of importance was shown by the later observations.

MAY 1st The decrease of pressure had slackened considerably in most places and on our extreme western coasts as well as at Biarritz a slight recovery had commenced; an area of low pressure (29.6 in.) lay over Great Britain, the Channel and the Irish Sea, whence readings increased to 29.9 in. at Coruña and 30.1 in. at Haparanda. Wind was very light and variable on most of our coasts, but a moderate breeze from N^W was reported from Sully, from N. over the Bay of Biscay and from

South-east on the Eastern shores of the North Sea. Temperature had risen a few degrees over these Islands. It varied from 64° at Biarritz and 57° in London to 46° on our NE. coast. Rain had fallen over the greater part of the Kingdom and at 8 am. the sky was cloudy and misty. During the day pressure increased everywhere - most in the S.W.

MAY 2ND Pressure was increasing over the whole of western Europe, the change being greatest in the North-west of France, and least in Scotland; the distribution of pressure was, however, very irregular, it was relatively high both over the Gulf of Bothnia and over the Bay of Biscay, while within the intermediate space several small areas of low pressure were shown. Wind varied considerably, it was moderate from N.W. in the west of France and from south-west to south on our western coasts, while it was strong from S.E. in the Baltic. Elsewhere light variable air prevailed. Temperature was scarcely altered over France, but had risen a few degrees in the north, and fallen in the south of these Islands. It was very uniform over the British Isles and France. Weather was clear in the east, but more cloudy and unsettled in the west. Later reports showed no important change.

MAY 3RD Pressure had increased slightly over the whole of western Europe, but in the Hebrides the barometer was ^{apparently} again becoming unsteady. Region of high readings were again reported from the Gulf of Bothnia, and from the Bay of Biscay and west of France, while the lowest were shown in the N.W. of Scotland. Right local irregularities existed in different parts of our area. Wind was on the whole S.W. over these Islands the north of France and north Germany, but was S.E. in Scandinavia; it was moderate or light except in the Hebrides. Temperature had changed rather irregularly. Weather was clear in Scotland but dull and unsettled in the S. The barometer continued to rise slowly in the S.W. during the day but fell in all other places, the weather was, however, fine generally.

MAY 4TH The mercury was rising slightly over France and these Islands but falling over the countries to the eastward of the North Sea. Pressure was highest off our South-west coast and lowest to the northward of Scotland; gradients were slight. Wind was light or moderate - from west on our coasts, from N.E. over France and from the southward in Denmark and Norway. Temperature had fallen over the British Isles, but had not changed much on the Continent. Weather was fine except in Denmark, where rain and fog were reported. Pressure changed very little during the day, and the wind remained light from east on our coasts.

DAILY WEATHER REPORT

MAY 5TH

1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 350 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer at 350 p.m. and Sea Level.	SOUND TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force (0 to 12).			Dry.	Wet.	Underground from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.				
Haparanda	29.91	32	Z	0	b	29.85	36	33		NE	4	b	*	4.3	2.3	-			
Hernösand	29.65	36	Z	0	f	29.71	38	37		NNE	6	o	*	*	*	0.16			
Stockholm	29.54	49	S	4	f	29.45	46	45		SW	2	o	*	*	*	0.16			
Wishy	29.76	48	SSW	8	o	29.56	42	42		WNW	8	f	*	*	*	0.43			
Christiansund	29.64	46	SSW	2	o	29.76	+ .15	47	45	- 3	SW	4	c	3	4.8	4.1	0.12		
Skudesnaes	29.80	46	WNW	2	b	29.96	+ .25	49	47	+ 1	W	2	c	3	5.0	4.6	-		
Oxö (Ålönssand)	29.75	48	WSSW	4	bc	29.88	+ .09	48	44	+ 1	WSSW	4	b	2	5.0	4.3	-		
Skagen (The Scaw)	29.69	45	WNW	6	b	29.84	+ .04	48	45	- 2	WNW	6	b	5	5.4	4.1	0.28		
Fanö	29.55	48	W	6	bc	30.02	+ .16	54	51	+ 3	WNW	4	bc	*	5.4	4.6	-		
Cuxhaven	30.05	54	WNW	4	b	30.08	+ .10	56	53	- 1	W	3	b	*	?	4.6	-		
Samburgh Head	29.71	47	W	5	c	29.83	+ .28	53	47	+ 3	WSSW	6	c	5	5.3	4.5	0.10		
Stornoway	29.77	52	W	5	f	29.82	+ .17	51	48	+ 3	WSSW	7	bc	5	5.2	4.6	0.03		
Thurso	29.78	50	W	3	o	29.85	+ .21	54	49	+ 4	W	2	o	3	5.5	4.6	0.01		
Wick	29.83	50	WNW	3	o	29.86	+ .20	54	48	+ 4	SW	2	bc	1	5.6	4.6	?		
Nairn	29.84	54	SW	1	b	29.91	+ .18	53	47	+ 5	SW	4	c	2	5.8	4.8	-		
Aberdeen	29.86	56	WNW	2	b	29.94	+ .19	55	50	+ 3	S	1	b	0	6.2	4.5	-		
Leith	29.92	54	WNW	4	bc	29.96	+ .15	59	54	+ 8	WSSW	1	bc	*	6.1	4.6	-		
Shields	29.98	55	WNW	5	bc	30.03	+ .13	55	51	+ 2	WSSW	1	bc	1	5.8	4.7	-		
Scarborough	30.05	56	W	2	o	30.07	+ .12	55	51	+ 1	SW	2	c	1	5.9	4.6	-		
York	30.05	56	W	2	b	30.09	+ .10	50	48	- 2	S	1	bc	*	5.8	4.3	-		
Nottingham	30.08	58	WNW	1	bc	30.10	+ .06	54	51	- 3	S	1	c	*	6.5	4.0	-		
Ardrossan	29.97	57	W	2	bc	29.98	+ .12	53	49	+ 3	SSW	3	b	3	5.8	4.5	-		
Greencastle	29.96	55	W	4	c	29.91	+ .04	54	50	+ 3	S	2	o	*	6.0	4.3	0.04		
Donaghadee	29.99	59	WSSW	3	b	30.00	+ .07	54	51	+ 2	WSSW	4	bc	3	6.4	4.5	-		
Kingstown	30.05	62	W	4	bc	30.02	.00	51	49	- 2	Z	0	bc	1	6.3	4.9	-		
Holyhead	30.07	54	SSW	3	b	30.05	+ .03	57	49	0	S	2	b	1	5.9	4.7	-		
Liverpool (Bidston)	30.05	56	SSE	3	f	30.05	+ .04	53	49	+ 1	ESE	2	b	1	5.9	4.3	-		
Valencia	30.09	55	WSSW	3	c	29.93	- .17	54	49	+ 1	SSE	4	c	4	5.7	5.1	-		
Roche's Point	30.11	56	WSSW	4	bc	30.00	- .07	53	50	0	S	3	bc	3	6.1	4.8	-		
Pembroke	30.12	54	WSSW	1	bc	30.05	- .04	48	48	- 4	SE	1	of	2	5.7	4.4	-		
Portishead	30.11	58	WSSW	3	bc	30.08	- .02	48	48	- 3	N	1	fed	?	5.9	4.1	-		
Scilly	30.18	56	WNW	1	b	30.03	- .12	54	52	0	E	5	bc	5	5.7	4.9	-		
Plymouth	30.14	57	WNW	1	bc	30.05	- .10	54	50	+ 3	ENE	3	b	*	6.1	4.1	-		
Hurst Castle	30.11	54	WSSW	4	c	30.06	- .07	54	51	+ 2	ENE	2	bc	2	5.8	4.4	-		
Dover	30.10	54	WSSW	2	bc	30.11	+ .02	54	51	- 2	E	1	b	0	5.9	4.6	-		
London	30.10	60	W	2	o	30.08	- .01	59	54	+ 7	ENE	2	bc	*	6.5	4.2	-		
Oxford	*	*	*	*	*	30.09	- .01	58	51	+ 2	Z	0	b	*	6.0	3.9	-		
Cambridge	30.12	60	W	1	c	30.11	+ .04	53	50	0	Z	0	b	*	6.3	3.9	-		
Yarmouth	30.07	55	Z	0	b	30.12	+ .08	53	53	- 1	Z	0	b	0	6.1	4.9	-		
The Helder	*	*	*	*	*	30.12	+ .11	53	51	+ 4	WSSW	1	b	*	*	*	-		
Cape Gris Nez	30.11	54	WSSW	3	b	30.11	.00	52	50	+ 2	NE	1	m	0	5.9	4.6	-		
Jersey	30.18	56	WNW	2	b	30.06	- .13	54	53	0	ENE	2	b	2	5.7	4.4	-		
Brest	30.20	64	N	4	b	30.05	- .18	48	46	- 2	E	3	b	3	?	4.3	-		
L'Orient	30.12	61	NE	2	bc	29.99	- .17	54	50	0	ENE	3	b	2	6.8	4.6	-		
Rochefort	30.05	66	ENE	2	bc	29.89	- .21	61	57	- 2	ENE	4	b	3	?	5.0	-		
Biarritz	*	*	*	*	*	29.88	- .27	56	*	- 2	NE	6	c	4	*	*	*		
Coranna	*	*	*	*	*	30.12	+ .04	53	50	- 1	W	2	b	*	6.3	4.5	-		
Brussels	*	*	*	*	*	30.04	.00	55	*	+ 4	NE	1	b	*	*	*	*		
Charleville	*	*	*	*	*	30.07	- .04	53	48	- 5	NNE	1	b	*	*	*	*		
Paris	30.10	61	WNW	2	c	29.97	- .09	62	*	+ 1	N	1	c	*	*	*	*		
Lyons	*	*	*	*	*	29.99	+ .02	61	52	- 9	E	4	o	3	7.5	?	-		
Toulon	29.99	68	E	1	bc	29.99	+ .02	61	52	- 9	E	4	o	3	7.5	?	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.74	50	48	W	4	bc	3	Valencia	30.12	56	50	WSW	2	cm	3
Thurso	29.74	53	47	W	4	c	3	Scilly	30.18	57	55	W	4	c	4
Scarborough ...	29.98	59	53	WNW	2	c	2	London	30.10	62	53	W	2	bc	*
Greencastle ...	29.93	56	49	W	4	o	*	Rochefort ...	30.07	73	61	E	2	o	3
Holyhead	30.07	56	52	SW	5	bc	4								

No important change.

EXPLANATION OF COLUMNS.

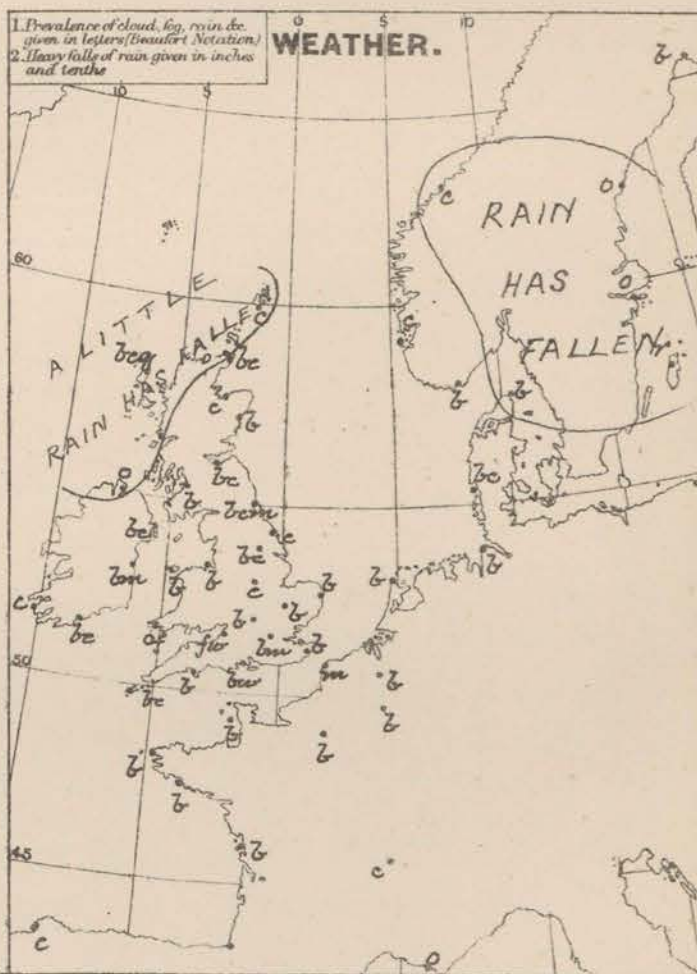
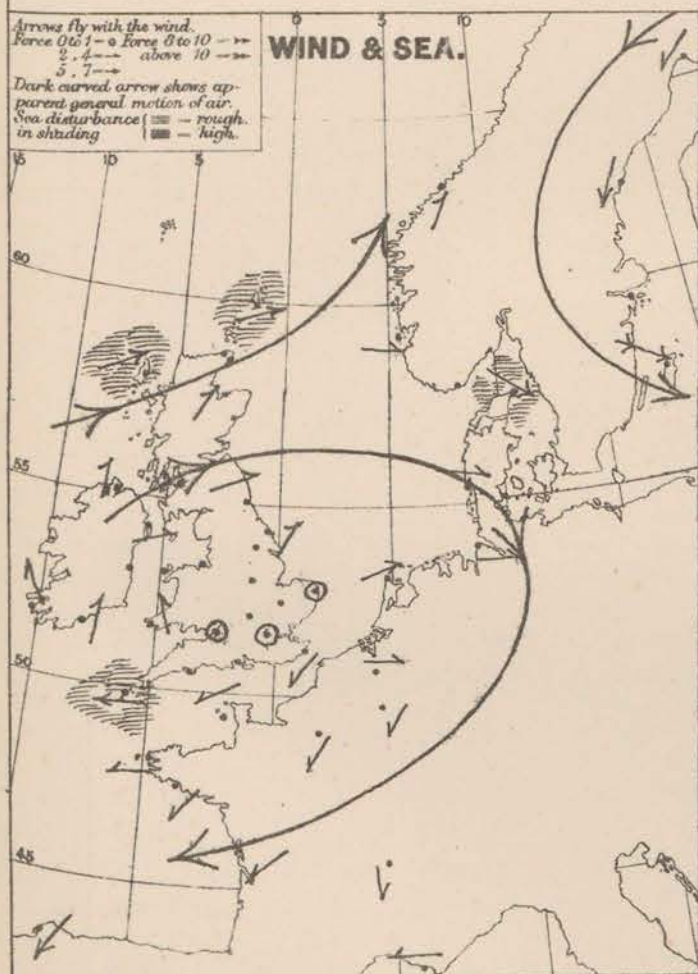
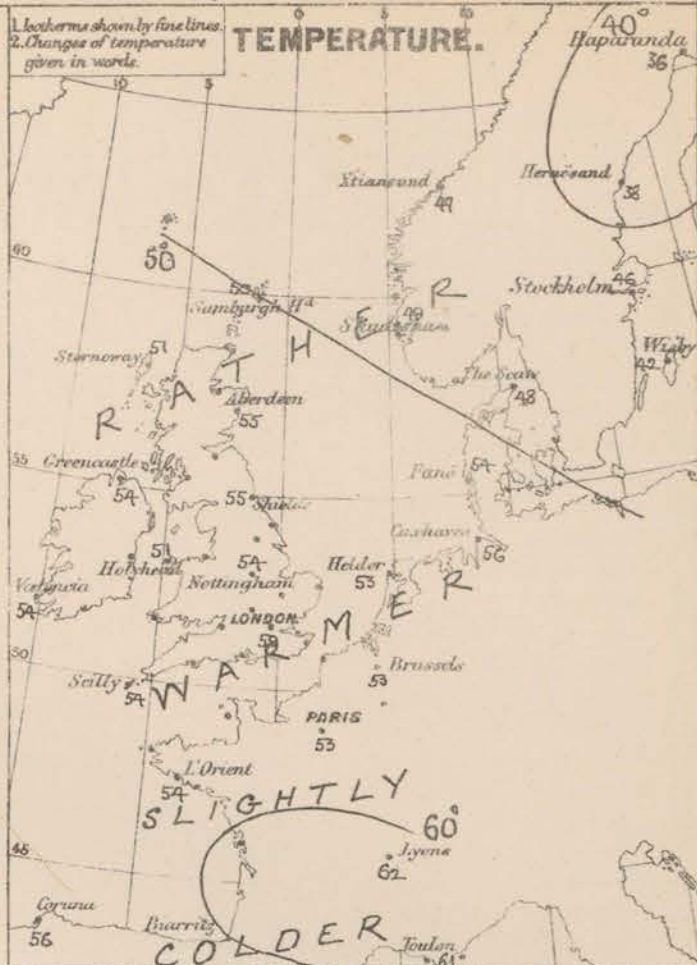
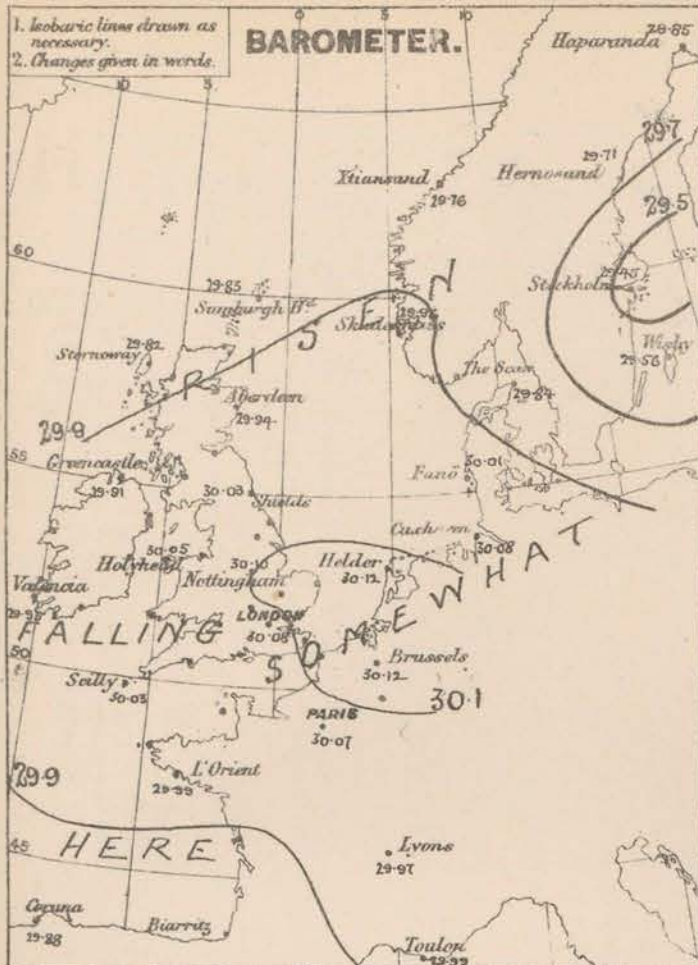
WEATHER.--Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Sunday 5. MAY 1878.



REMARKS. The weather is still fine and dry over nearly the whole of W^e Europe. Except in Sweden, and the extreme N. of Ireland and Scotland no rain has fallen during the past 24 hours. Temperature has risen a few degrees in most places, and is very uniform over the United Kingdom. The highest readings recorded yesterday were 65 at Nottingham and London. In the extreme S. of France the thermometer reached 75. Winds light and variable this morning. It is SE^l to S^l in the W. and N. E^l in the Channel, and over France, and W. on the E^l shore of the North Sea. At Wisby, a fresh gale from WNW is blowing. Sea is rough off the Scilly Islands and the N. of Scotland, moderate to smooth elsewhere.

Barometrical Indications. The barometer has risen a little in the N. and E., but is falling in the NW and W. most at Valentia. An anticyclone lies over the SE of England and the Netherlands, while low pressures exist off our W^e coasts, and over the Baltic.

DAILY WEATHER REPORT MAY 6TH 1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.95	32	NE	2	0	30.09	+ .24	25	21	- .11	NNE	4	0	*	57	19	-		
Hernösand ...	29.97	37	Z	0	0	29.98	+ .27	31	31	- .7	NE	4	0	*	*	*	0.04		
Stockholm ...	29.88	39	NNW	4	0	29.92	+ .47	40	37	- .6	SSW	2	0	*	*	*	-		
Wibby ...	29.82	41	NNW	8		29.93	+ .37	40	37	- .2	NNE	4	0	*	*	*	-		
Christiansund ...	29.82	48	SEW	3	T	29.91	+ .15	47	46	0	WSW	8	T	4	50	41	0.57		
Skudesnaes ...	30.03	47	SSE	2	0	30.02	+ .06	53	51	+ .4	E	2	0	2	54	46	-		
Oxö (Xtiansand) ...	29.99	55	NNW	4	0	29.98	+ .10	49	45	+ .1	W	2	0	2	57	43	-		
Skagen (The Sea) ...	29.99	47	NNW	3	0	29.99	+ .15	51	48	- .4	NNW	2	0	1	57	39	-		
Fanö ...	30.06	46	Z	0	0	30.03	+ .02	57	52	+ .3	Z	0	0	*	57	41	-		
Cuxhaven ...	30.10	54	N	2	C	30.04	- .11	55	52	- .3	ESE	2	0	*	57	48	-		
Sumburgh Head ...	29.93	53	SSW	3	0	29.93	+ .10	50	48	0	S	1	0	2	56	43	-		
Stornoway ...	29.83	54	SW	5	0	29.78	+ .04	53	49	+ .2	Z	0	0	0	56	46	-		
Thurso ...	29.89	57	NNE	2	0	29.85	- .00	54	51	0	SSE	1	0	1	60	47	-		
Wick ...	29.87	57	S	2	0	29.88	+ .02	57	49	- .3	S	2	0	1	65	37	-		
Nairn ...	29.86	64	SW	1	0	29.86	- .05	50	47	- .3	Z	0	0	0	68	45	-		
Aberdeen ...	29.91	57	S	2	0	29.92	+ .02	52	49	- .3	S	3	0	1	65	44	-		
Leith ...	29.90	59	SW	1	0	29.84	- .12	59	52	0	SE	3	0	*	72	46	-		
Shields ...	29.96	53	SE	2	0	29.91	- .12	57	48	- .4	SE	2	0	0	63	45	-		
Scarborough ...	30.00	53	SSE	2	0	29.90	- .17	58	48	- .5	SE	3	0	3	65	47	-		
York ...	30.98	61	SSE	2	0	29.86	- .23	55	57	+ .5	E	0	0	*	68	45	-		
Nottingham ...	29.97	60	SE	3	0	29.79	- .31	58	53	+ .4	ESE	6	0	*	73	45	-		
Ardrossan ...	29.91	57	SW	2	0	29.79	- .19	58	57	+ .5	ESE	4	0	3	59	57	-		
Greencastle ...	29.84	65	S	1	0	29.67	- .24	54	50	0	ESE	3	0	*	68	46	-		
Donaghadee ...	29.92	55	SE	3	0	29.72	- .28	52	50	- .2	ESE	5	0	4	56	46	-		
Kingstown ...	29.89	56	SE	4	0	29.65	- .37	53	57	+ .2	SE	4	0	3	58	48	0.01		
Holyhead ...	29.91	54	N	2	0	29.66	- .39	53	50	+ .2	E	4	0	3	61	48	-		
Liverpool (Biston) ...	29.90	64	ESE	2	0	29.71	- .34	57	53	+ .4	E	4	0	2	67	47	-		
Valencia ...	29.75	55	SE	5	0	29.46	- .57	56	57	+ .2	ESE	5	0	5	57	49	0.07		
Roche's Point ...	29.85	58	SSE	3	0	29.47	- .53	53	57	0	E	5	0	4	62	48	0.28		
Pembroke ...	29.84	60	ESE	2	0	29.55	- .80	52	49	+ .4	ESE	6	0	4	61	48	-		
Portishead ...	29.88	64	NE	5	0	29.67	- .41	52	50	+ .4	NE	4	0	3	67	45	-		
Seilly ...	29.83	55	E	5	0	29.49	- .54	50	54	+ .1	E	6	0	5	58	52	0.02		
Plymouth ...	29.86	56	ENE	5	0	29.58	- .47	54	53	0	E	4	0	4	63	52	0.04		
Hurst Castle ...	29.90	61	SE	4	0	29.68	- .38	55	53	+ .1	SE	4	0	4	62	52	-		
Dover ...	29.97	54	E	4	0	29.76	- .35	55	57	+ .1	E	3	0	2	58	57	-		
London ...	29.96	61	ENE	3	0	29.74	- .34	58	54	- .1	E	3	0	*	69	49	-		
Oxford ...	*	*	*	*	*	29.71	- .38	55	52	+ .2	ESE	1	0	*	64	44	-		
Cambridge ...	29.99	62	E	1	0	29.78	- .36	57	53	+ .4	E	1	0	*	69	45	-		
Yarmouth ...	30.03	53	ESE	1	0	29.84	- .28	52	50	- .1	E	6	0	4	55	48	-		
The Helder ...	*	*	*	*	*	29.93	- .19	55	57	+ .2	ENE	2	0	*	*	*	-		
Cape Gris Nez ...	29.95	55	NE	3	0	29.76	- .35	59	55	+ .7	NE	2	0	0	?	52	-		
Jersey ...	29.83	58	ENE	3	0	29.63	- .43	56	54	+ .2	ESE	3	0	3	63	48	0.04		
Brest ...	29.84	64	E	3	0	29.56	- .49	55	54	+ .7	ESE	3	0	3	70	45	0.08		
L'Orient ...	29.76	66	ESE	3	0	29.60	- .39	55	54	+ .1	SSE	3	0	3	72	52	0.12		
Rochefort ...	29.69	70	SE	4	0	29.67	- .22	59	59	- .2	S	4	0	4	79	50	-		
Biarritz ...	29.73	63	WSW	3	0	29.69	- .27	57	55	- .1	WSW	4	0	3	70	52	0.35		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	29.82	- .30	56	52	+ .3	E	3	0	*	67	46	-		
Charleville ...	*	*	*	*	*	29.76	- .28	60	*	+ .5	SE	3	0	*	*	*	-		
Paris ...	29.86	69	ENE	2	0	29.76	- .31	59	55	+ .6	SE	2	0	*	*	*	-		
Lyons ...	*	*	*	*	*	29.83	- .14	62	*	0	NNW	2	0	*	*	*	-		
Toulon ...	29.86	61	E	5	0	29.82	- .17	55	55	- .6	E	5	0	4	64	?	0.12		

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes ...	30.01	53	49	SSW	2	0	Valencia ...						
Thurso							Seilly						
Scarborough ...							London						*
Greencastle ...							* Rochefort ...						
Holyhead													

EXPLANATION OF COLUMNS.

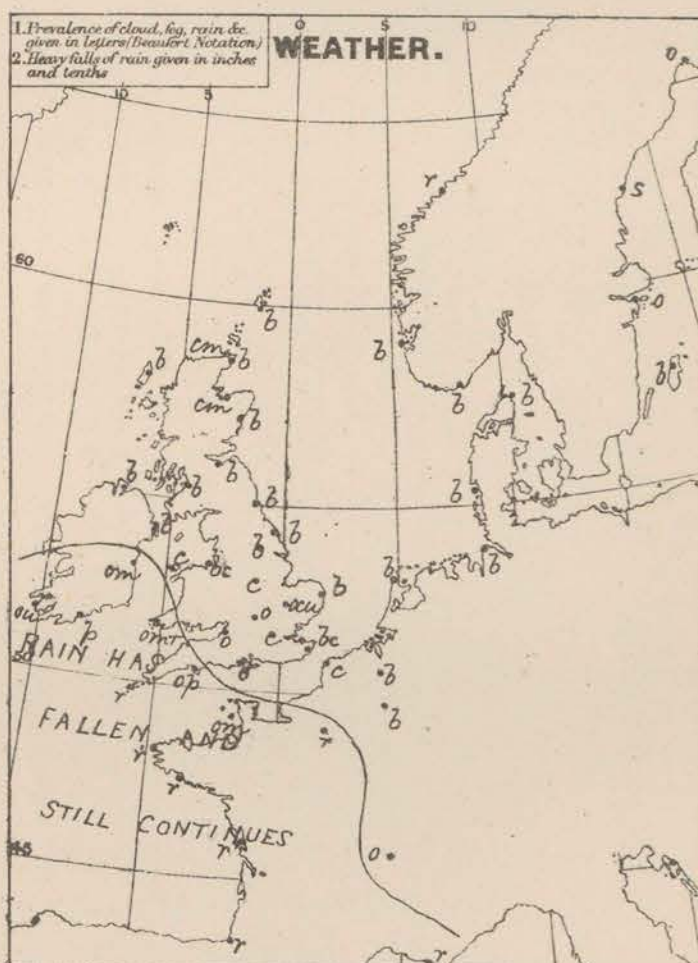
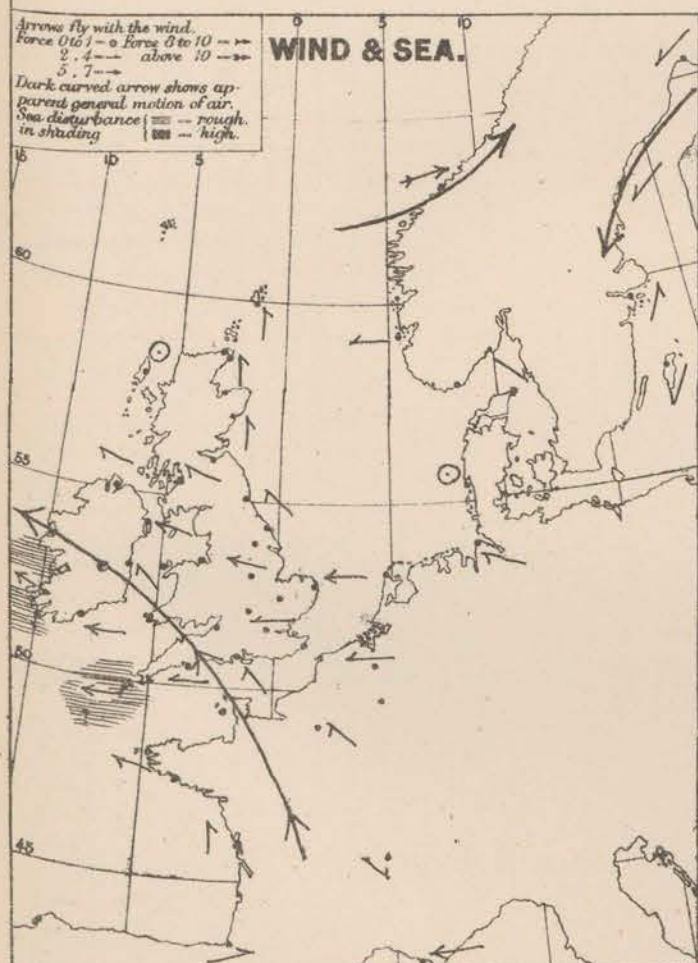
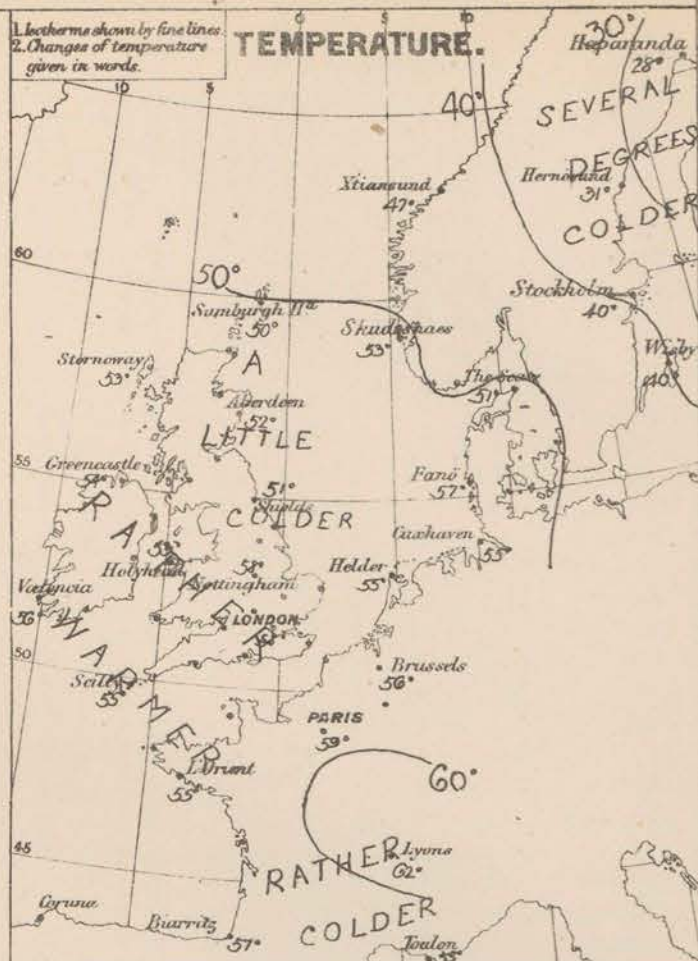
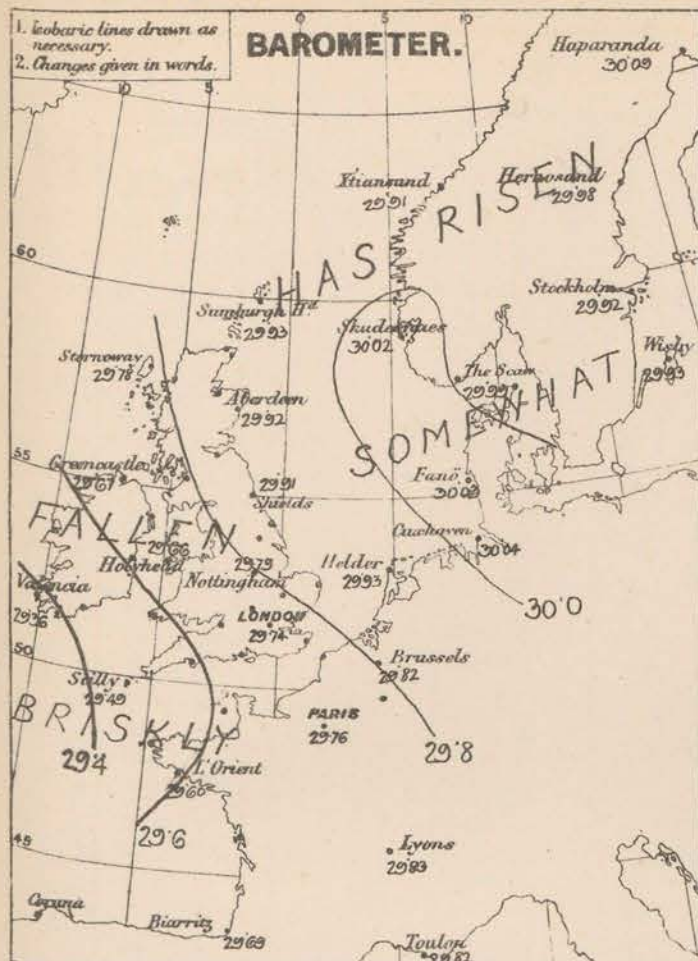
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

WEATHER CHARTS *for 8 a.m. on Monday 6TH MAY 1878.*



REMARKS. Weather is dull and wet in the south west and over France, while rain is also falling at Christiansund and snow at Hernessund; elsewhere the sky is clear or nearly so. Scarcely any rain has fallen during the past 24 hours over these Islands. Temperature has fallen a few degrees along our east coast but risen slightly in most other places; it is very uniform over these Islands and France, varying from 62° at Lyons to 50° in the Shetlands. Wind is SE³ to E⁴ over France and on our coast and blows strongly in the south west and at Lymouths. On the eastern shores of the North Sea it is more variable in direction and at Christiansund it blows a gale from WSW. Sea is rough off the Shilly Islands and at Valentia, moderate to slight elsewhere.

Barometrical Indications. Pressure is increasing over Scandinavia but decreasing in all other places - rapidly in the south west. Areas of high readings are reported both from the north of Sweden and over North Germany, while the lowest reading reported is at Valentia.

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

R. H. SCOTT.
Secretary.

Dangerfield Lk. 22 Nov. 1961. 76. Canyon. 1000 ft.

DAILY WEATHER REPORT MAY 7TH 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirce.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.		
Haparanda	30.23	29	NE	2	0	30.17	+ .08	27	23	+ 2	N	6	δ	*	30	19	-	
Hernösand	30.16	27	NE	6	δc	30.24	+ .26	28	25	- 3	N	4	δ	*	*	*	0.16	
Stockholm	29.88	34	N	6	0	30.05	+ .13	32	27	- 8	N	6	δc	*	*	*	0.20	
Wisby	29.86	44	NNN	8	0	29.93	.00	36	32	- 4	ENE	8	δc	*	*	*	-	
Christiansund	29.98	45	NE	3	0	29.99	+ .08	45	40	- 2	E	5	δ	3	48	36	0.20	
Skudesnaes	29.91	51	NNN	6	δc	29.89	- .13	54	50	+ 1	SSE	2	c	2	54	50	-	
Oxö (Xtiansand)	29.87	53	ENE	1	δ	29.99	+ .01	43	40	- 6	NE	8	0	4	54	41	-	
Skagen (The Sæw)	29.83	47	NNN	2	δ	30.00	+ .01	39	36	- 12	ESE	7	0	6	59	36	-	
Fanö	29.89	49	NE	3	δ	29.87	- .22	56	51	- 1	E	3	δ	*	59	45	-	
Cuxhaven	29.97	61	E	2	δ	29.79	- .25	58	53	+ 3	SE	2	δ	*	59	52	-	
Sumburgh Head	29.92	50	SSE	2	δ	29.91	- .02	49	47	- 1	NE	4	c	3	55	41	-	
Stornoway	29.62	60	SE	5	δ	29.70	- .08	50	48	- 3	SE	3	+	5	64	46	0.05	
Thurso	29.79	53	SE	4	c	29.82	- .03	51	49	- 3	ESE	3	c	2	64	44	-	
Wick	?	51	S	4	δc	29.83	- .05	50	48	- 1	ESE	3	c	1	56	44	-	
Nairn	29.76	57	E	2	δc	29.75	- .11	50	47	0	E	3	0	2	69	45	-	
Aberdeen	29.83	50	SE	2	δ	29.80	- .12	50	47	- 2	E	1	c	1	58	45	-	
Leith	29.71	54	ESE	4	δc	29.69	- .15	48	48	- 11	ENE	5	+	*	65	47	0.13	
Shields	29.75	49	E	2	δc	29.72	- .19	48	47	- 0	ENE	1	0	2	52	46	0.02	
Scarborough	29.75	48	SE	2	0	29.71	- .19	48	47	- 2	ESE	1	0	3	51	48	-	
York	29.69	57	E	4	0	29.72	- .16	50	50	- 5	NE	1	+	*	65	50	0.22	
Nottingham	29.64	61	SE	3	+	29.68	- .11	57	57	- 1	NNN	3	0	*	73	55	0.36	
Ardrossan	29.58	64	ESE	5	0	29.67	- .12	51	50	- 7	NNE	2	mm	2	68	50	0.20	
Greencastle	29.49	55	ESE	4	+	29.60	- .07	54	49	0	SSH	2	0	*	61	57	0.16	
Donaghadee	29.55	51	SSE	4	+	29.67	- .05	53	53	+ 1	S	2	c	1	56	49	0.29	
Kingstown	29.46	53	SE	5	+	29.70	+ .05	51	47	- 2	NNN	4	δ	4	55	49	0.59	
Holyhead	29.57	57	ESE	2	+	29.68	+ .02	52	50	- 1	SSH	3	δ	2	60	?	0.34	
Liverpool (Bidston)	29.57	57	ESE	3	+	29.69	- .02	56	53	- 1	NNN	1	0	1	65	54	0.15	
Valencia	29.26	55	SE	5	c	29.62	+ .26	53	47	- 3	SSE	5	δc	5	57	47	0.20	
Roche's Point	29.37	55	SSE	5	0	29.68	+ .21	52	48	- 1	SSH	4	δ	3	58	44	0.68	
Pembroke	29.47	52	SSE	5	0	29.72	+ .17	53	51	+ 1	Z	0	δ	2	53	49	0.04	
Portishead	29.56	56	ENE	3	+	29.71	+ .04	53	51	+ 1	SSH	2	δ	3	59	50	0.09	
Scilly	29.48	55	S	6	0	29.74	+ .25	57	52	+ 2	S	4	δc	6	59	49	0.01	
Plymouth	29.54	54	S	3	0	29.73	+ .15	55	53	+ 1	NNN	2	δ	*	56	48	0.34	
Hurst Castle	29.62	56	SSE	3	+	29.72	+ .04	55	54	0	NNN	2	δc	2	59	50	0.25	
Dover	29.66	59	ENE	1	δc	29.69	- .07	55	54	0	NNN	1	c	0	62	53	-	
London	29.64	64	ESE	1	0	29.69	- .05	57	54	- 1	N	1	0	*	72	48	0.04	
Oxford	*	*	*	*	*	29.71	.00	55	53	0	N	1	0	*	62	53	0.07	
Cambridge	29.69	61	E	1	0	29.68	- .10	59	58	+ 2	NN	1	0	*	72	54	0.03	
Yarmouth	29.71	53	ESE	4	δ	29.68	- .16	53	52	+ 1	Z	0	δcm	3	55	50	-	
The Helder	*	*	*	*	*	29.69	- .24	57	54	+ 2	E	1	c	*	*	*	-	
Cape Gris Nez	29.68	64	SSE	1	c	29.71	- .05	52	52	- 7	SSH	1	f	0	70	50	0.04	
Jersey	29.62	56	SSE	2	+	29.78	+ .15	54	52	- 2	NNN	3	δm	3	57	50	0.07	
Brest	29.63	61	S	4	0	29.80	+ .24	52	50	- 3	NN	1	0	4	57	46	0.04	
L'Orient	29.66	55	SSH	3	δc	29.80	+ .20	54	52	- 1	NNN	1	c	4	59	48	0.16	
Rochefort	29.77	63	NNN	3	0	29.80	+ .13	57	55	- 2	NN	4	+	3	77	50	0.16	
Biarritz	29.74	61	ENE	3	0	29.84	+ .15	55	54	- 2	NNN	5	+	3	63	50	0.55	
Corunna	*	*	*	*	*	29.67	- .15	60	58	+ 4	SSH	3	+	*	73	?	-	
Brussels	*	*	*	*	*	29.65	- .11	58	*	- 2	SSH	3	+	*	*	*	-	
Charlevoix	*	*	*	*	*	29.72	- .14	56	54	- 3	NN	2	0	*	*	*	0.08	
Paris	29.67	67	SE	1	0	29.78	- .15	63	*	+ 1	S	2	+	*	*	*	-	
Lyons	*	*	*	*	*	29.78	- .05	63	*	+ 1	S	2	+	*	*	*	-	
Toulon	29.83	54	E	5	m	29.82	.00	61	54	+ 6	E	1	δc	4	61	54	0.55	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.95	54	48	NN	6	δ	2	Valencia	29.28	55	54	SE	5	79	5
Thurso	29.82	63	54	SE	3	δ	2	Scilly	29.46	55	55	S	5	+	5
Scarborough ...	29.87	49	48	SE	3	δ	3	London	29.66	64	59	E	3	0	*
Greencastle ...	29.56	59	53	E	3	0	*	Rochefort ...	29.69	61	59	NNN	4	0	3
Holvaend ...	29.57	57	56	ESE	2	+	1								

Pressure has decreased in all places since the morning, but at Scilly the fall has now checked somewhat and the wind has veered to S.

EXPLANATION OF COLUMNS.

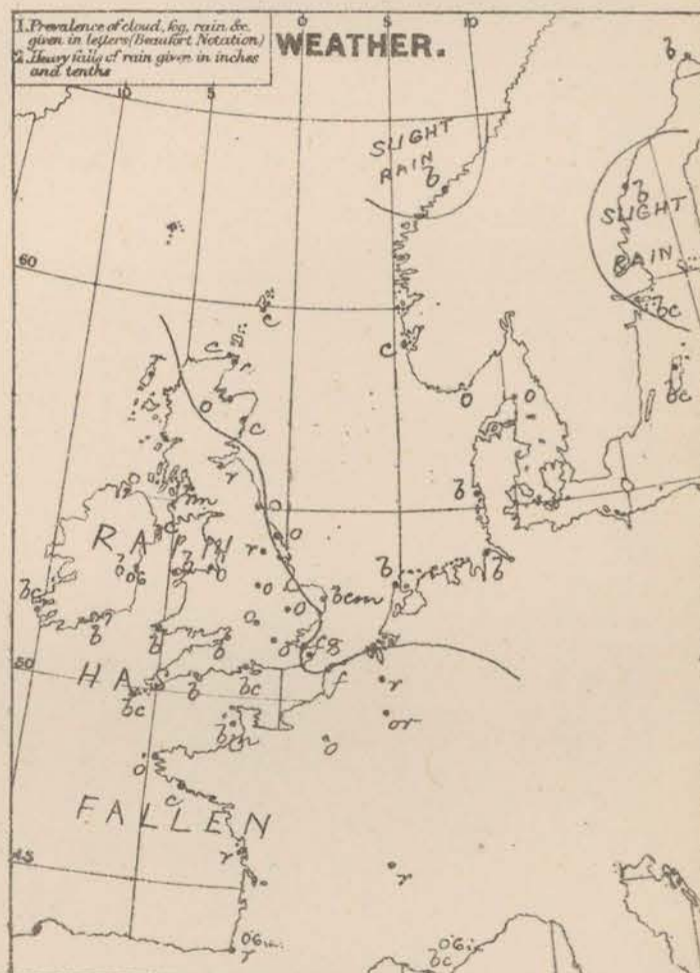
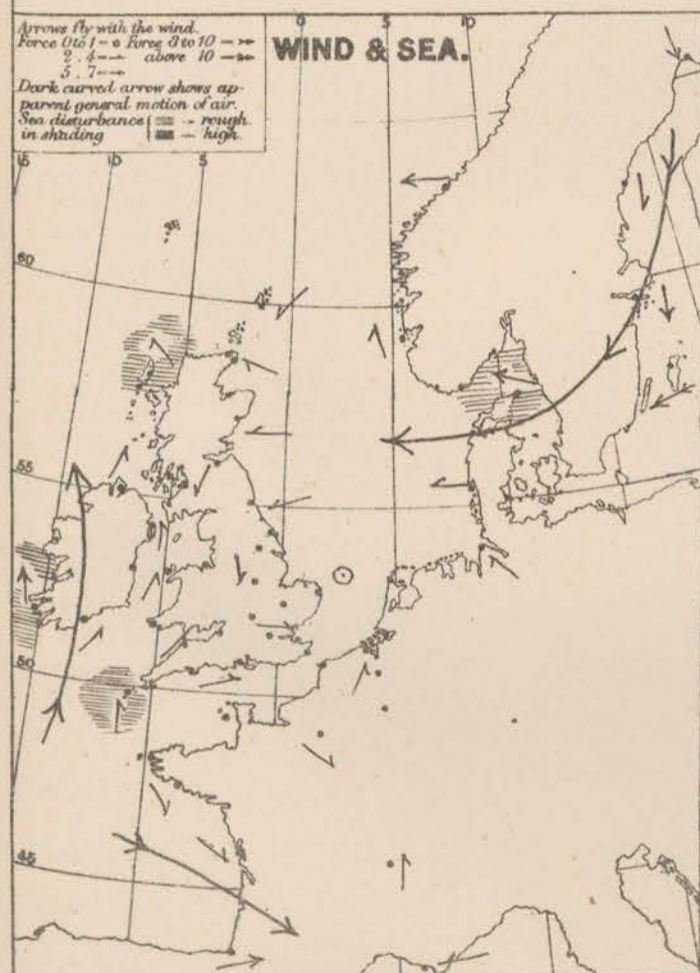
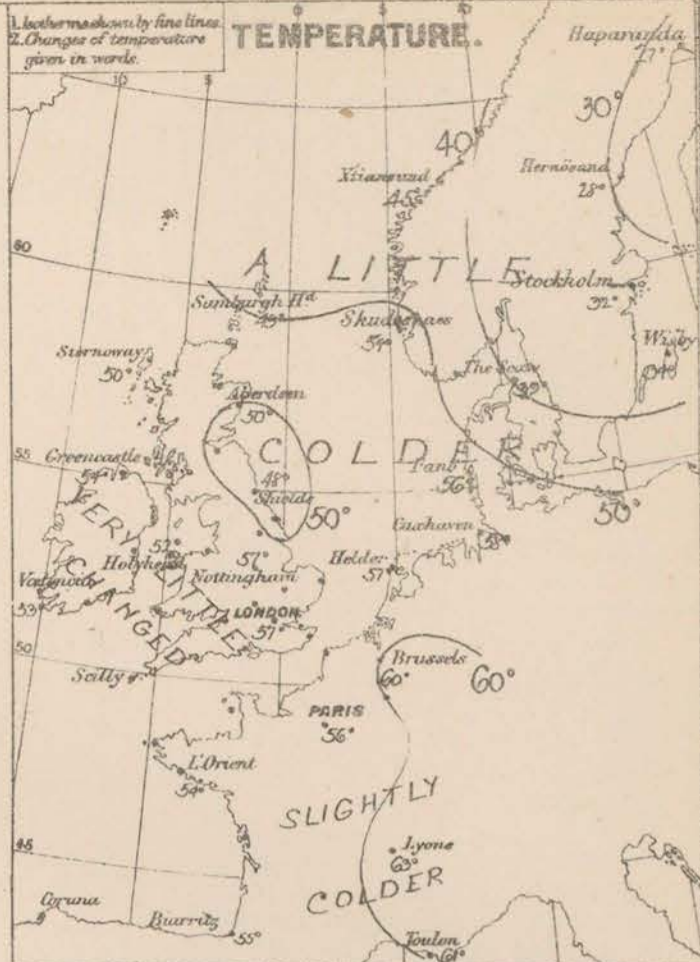
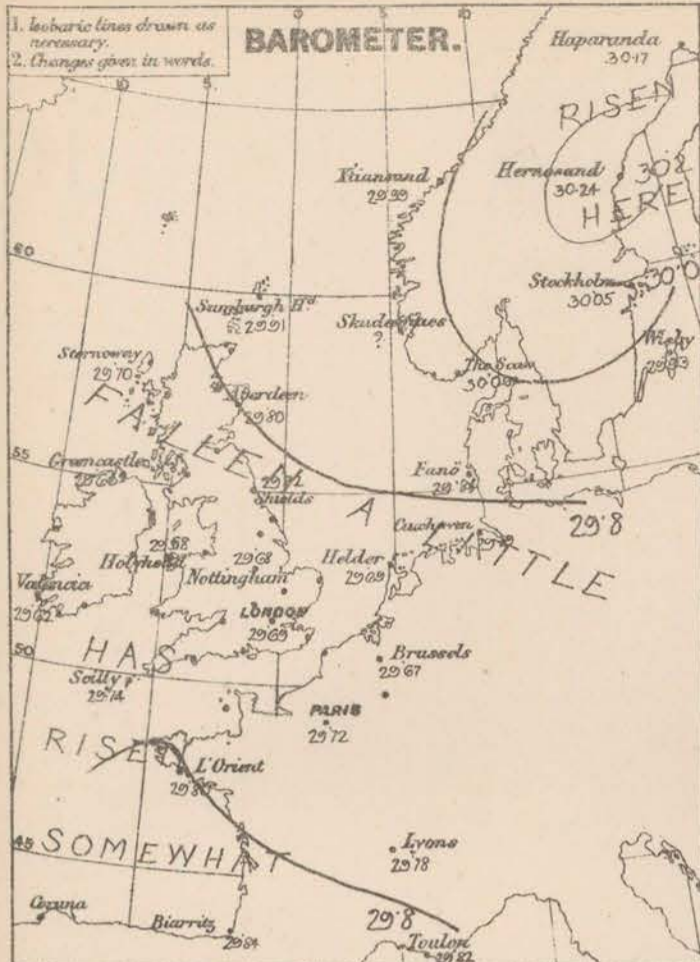
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Tuesday 7th MAY 1878.



REMARKS. Weather is fine at our south western stations as well as in North Germany but is cloudy or overcast elsewhere, with rain in many parts of Scotland and France and fog at Cape. About half an inch of rain fell at Kingstown, Roche's Pt and Biarritz during yesterday, and smaller amounts at the greater number of our stations. Temperature has changed little and irregularly; it varies from 63° at Lyons and 59° at Cambridge to 42° on our north east coast. Wind is light or moderate except at Valentia and the south of Norway and Sweden - from WNW over France and the Channel, from S on our western coasts, and from E in the north. Sea is rather rough at Sully, Valentia and Stornoway, slight elsewhere.

Barometrical Indications. Pressure is increasing in the south-west and west, decreasing in the north-east and east. A band of low pressure (29.6 in.) stretches across these Islands, whence readings increase to 29.8 in. in the south west of France, and to 29.9 in. in the Shetlands, while in Sweden they are as high as 30.20 in.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT MAY 8th 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.98	31	NE	4	0	30.05	-.12	31	24	+	4	NE	4	0	*	34	27	-
Hernösand	30.03	32	N	2	0	30.05	-.19	31	29	+	3	NE	8	0	*	*	*	-
Stockholm	30.02	30	NNH	2	0	29.89	-.16	34	32	+	2	NNH	6	0	*	*	*	-
Wisby	29.97	35	NNE	6	0	29.91	-.02	36	35	0		NNH	8	0	*	*	*	-
Christiansund	30.04	42	?	6	0	30.10	+.11	39	32	-	6	NE	4	0	3	46	30	-
Skudesnaes	30.02	46	N	4	0	30.03	+.14	47	42	-	7	NNH	6	0	3	54	46	-
Oxö (Ålmsand)	30.01	41	ENE		0	30.02	+.03	43	37	0		ENE	4	0	3	43	37	-
Skagen (The Sea)	30.08	41	ENE	4	0	30.01	+.01	42	37	+	3	E	3	0	3	43	36	-
Fanö	29.94	42	E	6	0	29.93	+.12	42	37	-	14	E	5	0	*	64	36	-
Cuxhaven	29.83	55	E	7	0	29.82	+.03	44	40	-	14	ESE	6	0	*	61	45	-
Sumburgh Head	29.99	48	ENE	1	0	30.06	+.15	47	44	-	2	NE	4	0	4	52	43	-
Stornoway	29.82	54	Z	0	0	29.93	+.23	48	45	-	2	NNE	4	0	2	54	40	-
Thurso	29.92	49	ESE	3	0	29.98	+.16	46	44	-	5	E	2	0	2	62	44	-
Wick	29.94	48	E	0	f	29.99	+.16	48	47	-	2	E	3	0	2	53	44	-
Nairn	29.86	48	NE	4	0	29.95	+.20	46	44	-	4	NE	2	0	2	56	45	-
Aberdeen	29.87	48	NE	1	m	29.94	+.14	46	45	-	4	E	1	d	1	56	45	0.02
Leith	29.78	46	E	3	f	29.85	+.16	46	45	-	2	E	4	0	*	49	44	0.07
Shields	29.76	48	ENE	2	f	29.83	+.11	46	45	-	2	ENE	4	d	4	49	44	0.08
Scarborough	29.73	48	NE	1	0	29.78	+.07	45	45	-	3	E	4	0	5	49	45	0.13
York	29.71	52	NNE	2	f	29.74	+.04	47	46	-	3	NE	2	0	*	55	46	0.49
Nottingham	29.67	55	NNH	1	0	29.65	-.03	49	49	-	8	NNE	5	f	*	69	48	0.50
Ardrossan	29.75	53	NE	2	0	29.79	+.12	49	47	-	2	ENE	5	om	3	57	47	0.25
Greencastle	29.77	55	NNH	2	0	29.75	+.15	47	46	-	7	E	3	f	*	60	46	0.03
Donaghadee	29.81	53	NNE	3	0	29.74	+.07	48	48	-	5	NE	4	0	2	59	47	0.27
Kingstown	29.77	58	Z	0	0	29.70	.00	53	52	+	2	NNH	3	f	2	58	50	0.05
Holyhead	29.73	54	NNH	2	0	29.68	.00	50	50	-	2	NNH	1	f	0	58	47	0.13
Liverpool (Belton)	29.71	53	NNH	2	0	29.68	-.01	49	48	-	7	ENE	3	m	1	59	49	0.59
Valencia	29.68	55	SE	4	bc	29.69	+.07	50	48	-	3	Z	0	0	1	58	43	-
Roche's Point	29.74	58	SSE	3	0	29.71	+.03	48	45	-	4	NNE	2	0	2	62	43	-
Pembroke	29.73	53	NW	2	0	29.69	-.03	51	49	-	2	NNH	1	0	3	57	47	-
Portishead	29.67	57	WSH	3	0	29.67	-.04	52	52	-	1	NNH	3	f	2	63	50	0.41
Scilly	29.73	54	ESE	4	0	29.71	-.03	55	53	-	2	E	5	bc	5	58	50	-
Plymouth	29.70	57	WSH	3	0	29.69	-.04	53	50	-	2	Z	0	bc	*	62	45	-
Hurst Castle	29.69	56	WSH	4	0	29.66	-.06	55	52	0		W	3	cm	4	59	50	-
Dover	29.65	55	Z	0	0	29.61	-.08	54	53	-	1	W	2	or	1	62	53	0.38
London	29.65	59	NNH	1	or	29.63	-.06	53	52	-	4	WSW	1	f	*	68	53	0.47
Oxford	*	*	*	*	*	29.64	-.07	51	51	-	4	W	1	f	*	66	51	0.69
Cambridge	29.66	58	W	1	f	29.59	-.09	51	51	-	8	NNH	1	f	*	65	50	1.01
Yarmouth	29.66	53	Z	0	0	29.61	-.07	48	47	-	5	E	5	fg	5	55	47	0.10
The Helder	*	*	*	*	*	29.65	-.04	49	47	-	8	ENE	3	0	*	*	*	-
Cape Gris Nez	29.66	50	SH	2	f	29.65	-.06	50	50	-	2	SH	3	f	3	55	48	0.43
Jersey	29.75	53	NW	2	0	29.76	-.02	53	51	-	1	W	2	bc	2	58	47	-
Brest	29.80	?	SH	1	0	29.75	-.05	52	52	0		S	3	0	4	63	48	0.16
L'Orient	29.76	55	SH	3	bc	29.77	-.03	54	50	0		SH	4	bc	3	61	48	-
Rochefort	29.78	59	NW	3	bc	29.82	+.04	55	54	-	2	E	3	bc	3	75	50	0.16
Biarritz	29.75	61	NNE	3	0	29.84	.00	59	54	+	4	SH	4	0	3	61	50	0.04
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels	*	*	*	*	*	29.61	-.06	53	52	-	7	WSW	5	0	*	67	53	0.79
Charleville	*	*	*	*	*	29.61	-.04	52	*	-	6	WSW	6	0	*	*	*	*
Paris	29.59	58	NNH	1	f	29.75	+.03	52	50	-	4	W	3	f	*	*	*	0.43
Lyons	*	*	*	*	*	29.81	+.03	59	*	-	4	W	4	0	*	*	*	*
Toulon	29.82	57	SH	2	f	29.80	-.02	55	52	-	6	W	4	0	4	64	?	-

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.97	53	48	S	2	0	4	Valencia	29.67	57	49	SE	5	bc	5
Thurso	29.88	60	51	ESE	3	0	2	Scilly	29.75	56	51	ESE	4	bc	5
Scarborough ...	29.73	47	47	ENE	1	f	3	London	29.68	65	59	NEN	2	C	#
Greencastle ...	29.72	57	51	NNH	2	6	9	Rochefort ...	29.79	57	54	NNH	3	0	3
Holyhead	29.75	55	52	NNH	3	6	2								

Pressure is increasing slowly except in London over which station a shallow local depression is at present passing. Wind are variable except in the SH.

EXPLANATION OF COLUMNS.

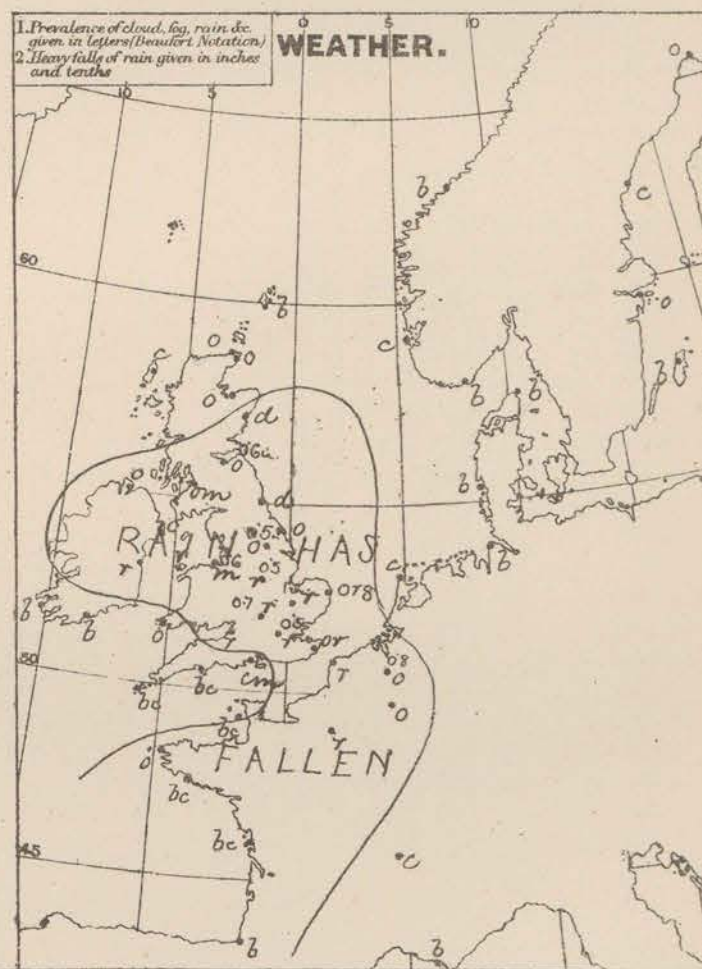
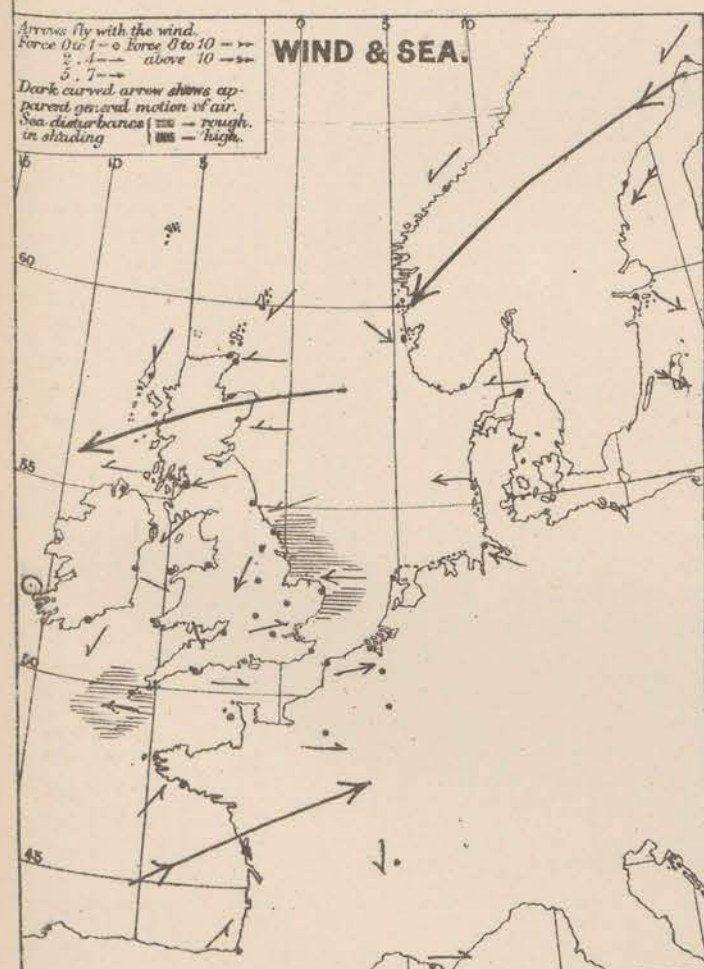
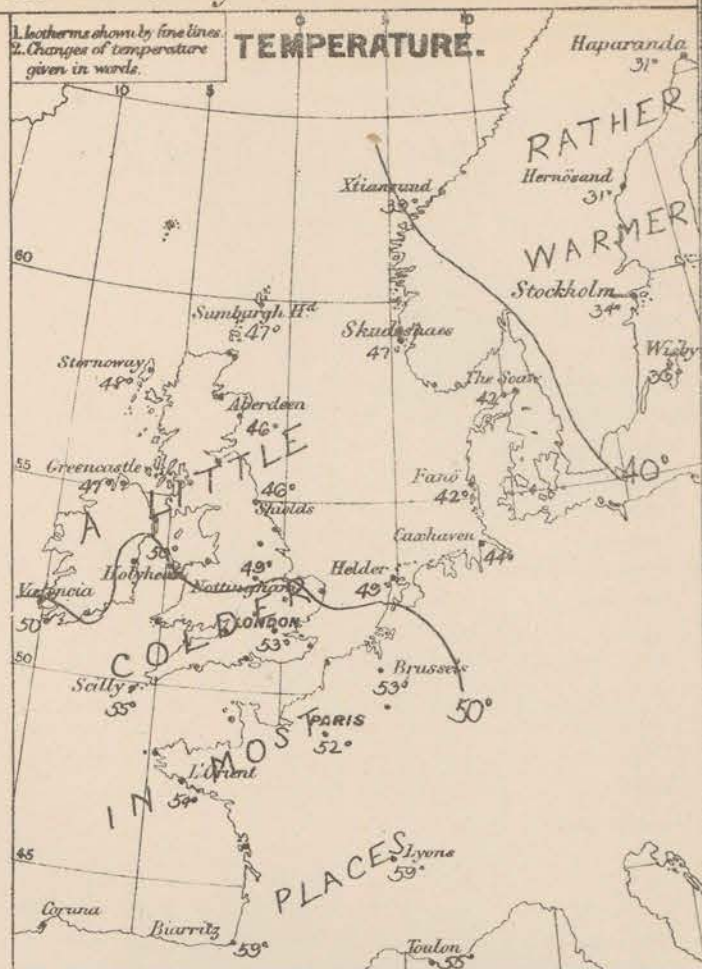
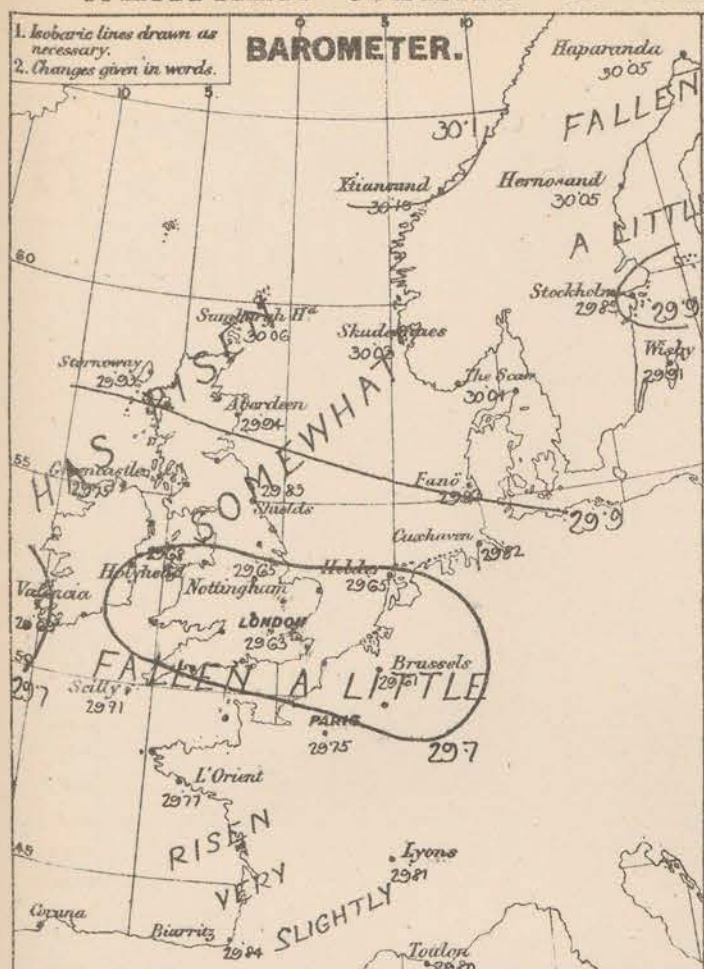
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS *for 8 a.m. on Wednesday 8TH MAY 1878*



REMARKS. Weather is very unsettled over the whole of Western Europe, in Denmark, North Germany, the south of Ireland and north west of France. The sky is clear or nearly so but in all other places it is cloudy or overcast and over the greater part of England rain is falling. Rain has fallen except in the extreme south and south west of England, the largest amounts being 1.01 in. at Cambridge, 0.69 in. at Oxford and about half an inch in London and at Leith, York, Nottingham and Liverpool. Temperature has fallen in nearly all places, the change being broad over Central England and rapid in Denmark; it varies from 55° at Lilly to 45° at Skarso. Wind varies considerably in direction but is E^{ly} at most stations, and is strong in force in some places. Sea is rather rough in the south west and south east, slight elsewhere.

Barometrical Indications. Pressure is increasing in the north east and north but decreasing in the south; a large shallow depression lies over England and Wales, while a second is apparently advancing toward Ireland from the W^d. The highest readings are reported from the west of Norway.

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

MAY 9th

1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 13).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 13).			Max.	Min.		
Haparanda	29.98	33	N	4	o	29.89	-.16	35	32	+	4	N	4	o	*	36	28	0.04
Hernösand	30.02	34	Z	o	o	29.97	-.08	36	32	+	5	N	4	c	*	*	*	-
Stockholm	29.97	31	N	4	c	29.96	+.07	37	31	+	3	NNN	4	o	*	*	*	-
Wisby	29.94	34	NE	8	c	29.98	+.07	36	35	o		NNN	8	o	*	*	*	-
Christiansund	30.06	41	NNN	2	c	30.00	-.10	40	35	+	1	NNE	1	o	2	45	34	-
Skudeanaes	29.99	45	NN	2	bc	30.03	o	49	45	+	2	WSN	4	o	3	50	45	-
Oxö (Xtiansand)	30.01	44	N	2	bc	30.04	+.02	44	40	+	1	SSN	2	bc	2	?	?	-
Skagen (The Snow)	30.02	44	E	3	bc	30.07	+.06	43	36	+	1	ESE	3	bc	2	57	36	-
Fanö	30.00	40	ENE	4	bc	30.06	+.13	46	41	+	4	SE	2	bc	*	48	34	-
Cuxhaven	29.94	30	E	6	bc	30.03	+.21	46	39	+	2	SE	4	bc	*	50	39	-
Sumburgh Head	30.07	46	NE	1	bc	30.05	-.01	46	41	-	1	N	1	c	3	50	36	-
Stornoway	29.93	52	E	6	bc	29.97	+.04	49	45	+	1	SSE	3	bc	4	53	39	-
Thurso	30.04	48	E	3	o	30.04	+.06	46	43	o		Z	0	c	1	52	31	-
Wick	30.05	47	E	2	bc	30.04	+.05	48	43	o		ESE	2	bc	1	55	41	-
Nairn	30.00	47	E	1	o	30.03	+.08	48	45	+	2	E	1	bc	1	52	35	-
Aberdeen	30.02	47	ESE	2	o	30.05	+.11	47	41	+	1	SE	2	c	3	49	42	-
Leith	29.95	46	E	4	c	29.97	+.12	46	43	o		ESE	3	c	*	47	42	-
Shields	29.93	46	ENE	4	bc	30.01	+.18	45	41	-	1	E	4	o	5	47	43	0.01
Scarborough	29.88	45	ENE	5	o	29.97	+.19	47	44	+	2	E	4	bc	5	47	44	-
York	29.85	47	NNE	2	o	29.94	+.20	46	43	-	1	E	3	c	*	53	40	-
Nottingham	29.76	46	NNE	6	r	29.87	+.22	46	46	-	3	ENE	5	r	*	49	44	0.71
Ardrossan	29.90	48	E	4	o	29.94	+.15	49	43	o		E	5	bc	4	53	42	-
Greencastle	29.80	51	ENE	3	o	29.87	+.12	48	43	+	1	E	2	bc	*	54	41	-
Donaghadee	29.83	50	ESE	6	o	29.89	+.15	46	43	-	2	ENE	6	o	6	53	43	-
Kingstown	29.76	50	E	4	r	29.80	+.10	49	47	-	4	ESE	5	og	5	53	47	0.19
Holyhead	29.74	49	ENE	5	m	29.80	+.12	47	46	-	3	E	5	o	4	53	44	0.17
Liverpool (Bidston)	29.76	47	ENE	4	o	29.85	+.17	44	43	-	5	ENE	4	r	2	49	43	0.31
Valencia	29.63	55	Z	o	bc	29.57	-.12	53	49	+	3	E	7	o	6	62	48	-
Roche's Point	29.69	58	S	3	bc	29.66	-.05	53	51	+	5	SE	5	o	4	63	44	-
Pembroke	29.69	54	E	1	c	29.72	+.03	51	49	o		ESE	6	om	3	58	46	-
Portishead	29.68	55	NNE	2	o	29.79	+.12	52	50	o		ENE	3	c	3	55	44	0.14
Scilly	29.66	55	ESE	5	c	29.67	-.04	57	55	+	2	S	5	bc	5	58	50	0.24
Plymouth	29.69	55	S	1	bc	29.73	+.04	55	52	+	2	ESE	3	o	*	61	49	0.01
Hurst Castle	29.70	56	WSN	3	bc	29.79	+.13	59	56	+	4	ESE	3	bc	3	59	46	-
Dover	29.68	52	WSN	3	*c	29.84	+.23	57	52	+	3	SW	1	bc	2	57	44	0.02
London	29.69	58	N	2	bc	29.84	+.21	51	50	-	2	ENE	2	o	*	59	46	0.01
Oxford	*	*	*	*	*	29.83	+.19	52	49	+	1	Z	0	o	*	55	47	0.09
Cambridge	29.71	48	ENE	1	o	29.80	+.27	51	50	o		Z	0	o	*	54	46	0.68
Yarmouth	29.70	48	E	7	o	29.87	+.26	47	46	-	1	E	6	og	5	49	46	1.13
The Helder	*	*	*	*	*	29.95	+.28	45	42	-	4	ENE	2	bc	*	*	*	-
Cape Gris Nez																		
Jersey	29.74	56	Z	o	bc	29.79	+.03	55	53	+	2	SE	1	o	1	58	50	-
Brest	29.71	?	SSE	4	o	29.75	o	54	52	+	2	SSN	3	bc	4	59	48	0.12
L'Orient	29.72	55	SE	3	c	29.77	o	55	54	+	1	N	3	bc	3	61	50	0.04
Rochefort	29.78	64	E	1	bc	29.79	-.05	59	57	+	4	NN	3	bc	3	70	50	-
Biarritz	29.73	63	ENE	3	o	29.82	-.02	63	59	+	4	Z	0	c	3	70	55	-
Corunna	*	*	*	*	*										*	*	*	*
Brussels	*	*	*	*	*	29.87	+.26	52	50	-	1	WSN	3	o	*	60	49	-
Charleville	*	*	*	*	*	29.79	+.18	46	*	-	6	SE	1	o	*	*	*	*
Paris	29.78	60	SW	4	o	29.84	+.09	54	50	+	2	SE	2	bc	*	*	*	-
Lyons	*	*	*	*	*	29.85	+.04	59	*	o		NE	2	bc	*	*	*	*
Toulon	29.82	59	N	5	o	29.80	o	59	54	+	4	N	3	c	3	64	54	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudeshaes	29.98	50	45	NN	6	6	3	Valencia	29.66	59	51	NN	2	bc	2
Thurso	30.02	50	47	E	3	0	2	Scilly	29.71	56	58	ESE	5	c	5
Scarborough	29.84	46	45	ENE	4	0	5	London	29.66	58	54	N	2	o	*
Greencastle	29.80	52	49	ENE	3	0	*	Rochefort	29.85	64	57	SW	3	bc	3
Holyhead	29.73	50	49	ENE	4	2	3								

Pressure is changing little and irregularly and the weather remains very unsettled.

EXPLANATION OF COLUMNS.

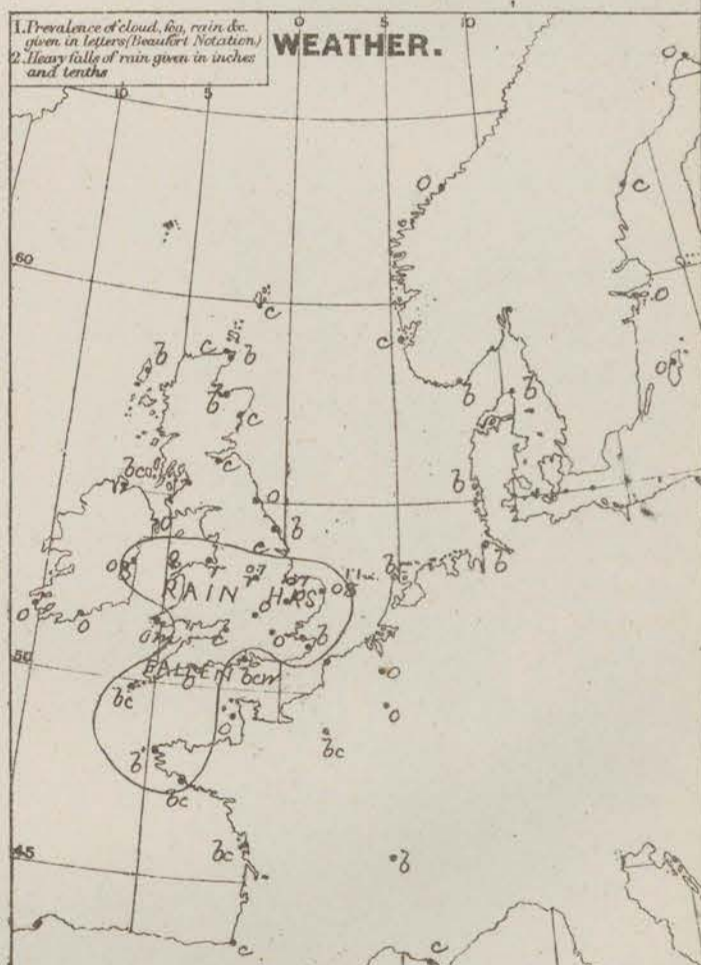
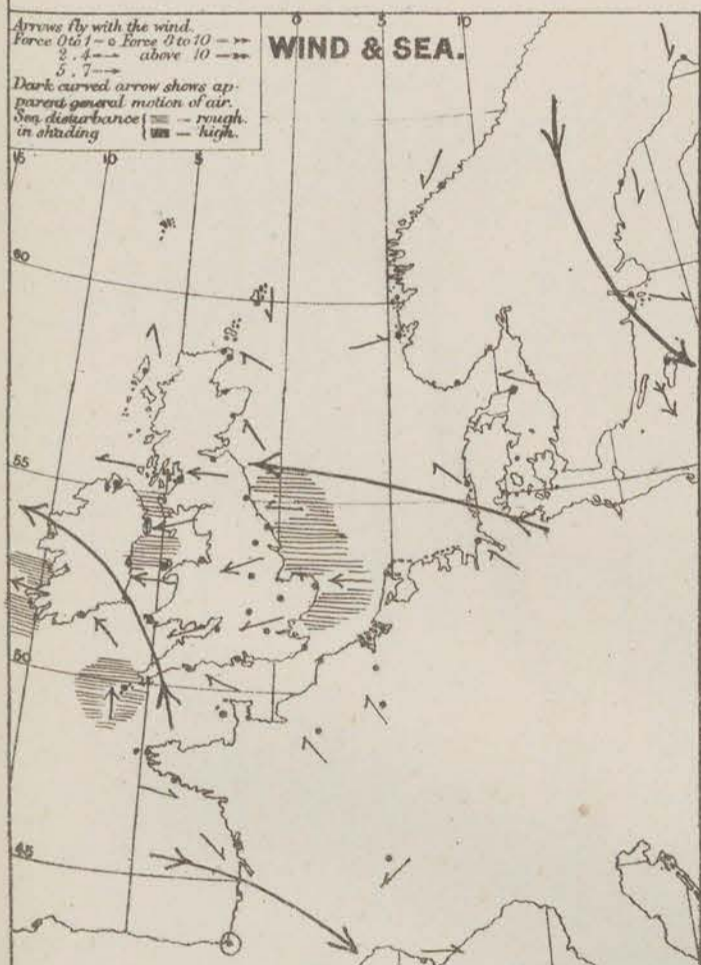
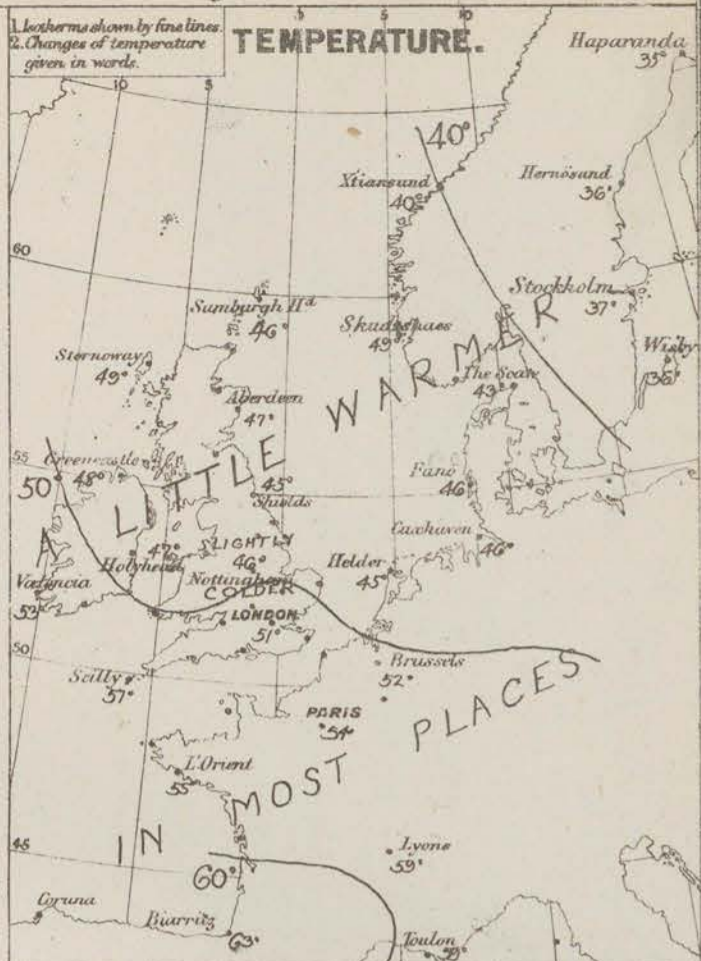
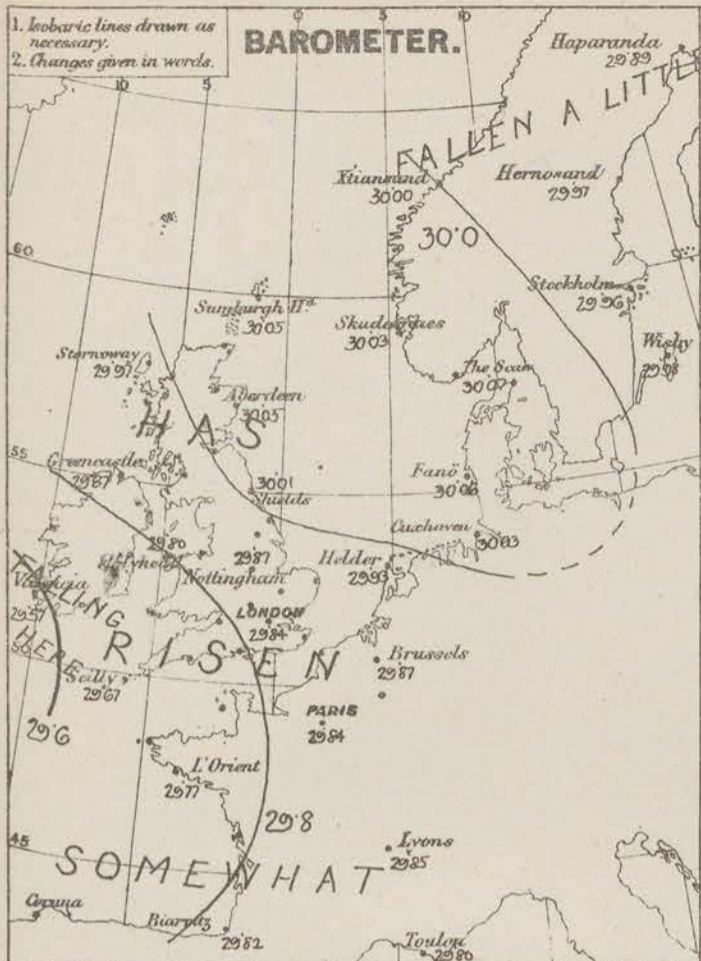
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 9TH MAY 1878.*



REMARKS. Weather is clear at some of the Scotch stations and over Denmark and North Germany, but is cloudy generally, with rain at Nottingham and Liverpool. Rain fell heavily at Yarmouth, Cambridge and Nottingham yesterday, and in smaller amounts in different parts of the country. Temperature has not changed much since yesterday morning but has fallen slightly over Central England and risen elsewhere; it varies over these Islands from 59° at Branks Cattle to 65° at Shields. Wind is SW^r over the Bay of Biscay, and S^t at the Lilly Isles, while it is E^r on our coasts and over the North Sea; in London it is N^t; in the west it is strong in force and during last night blew a fresh or moderate gale. Sea is rough except in the Channel and on the Scotch coasts.

Barometrical Indications. Pressure is decreasing slightly in the south of Ireland but is increasing in all other places. A band of high pressure lies over the North Sea, while the lowest reading is reported from Valentia.

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4/- per quarter, book post 5/- per quarter.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT MAY 10th 1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETERS.		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	29.88	35	N	2	0		30.00	+ .11	34	30	-	N	2	bc	*	39	25	-	
Hernösand	29.97	36	SSE	2	0		29.99	+ .02	42	37	+ 6	Z	0	0	*	*	*	-	
Stockholm	29.95	34	ESE	4	0		29.98	+ .02	45	41	+ 8	Z	0	0	*	*	*	-	
Wiesby	29.97	37	WSW	6	0		29.99	+ .01	41	38	+ 5	W	6	0	*	*	*	-	
Christiansund	29.97	40	NNW	3	0		29.96	- .04	43	39	+ 3	S	1	0	1	43	34	-	
Skudesnaes	30.01	43	NN	2	c		30.02	- .01	49	43	0	NNW	2	c	2	?	43	-	
Oxö (Tiansand)	29.98	47	WSW	5	0		29.95	- .03	46	40	+ 2	WSW	4	0	3	50	41	-	
Skagen (The Sea)	30.01	44	W	4	0		29.97	- .10	47	43	+ 4	W	3	c	3	52	39	-	
Fanö	30.07	45	NNW	3	c		30.07	+ .01	54	47	+ 8	SW	3	0	*	54	37	-	
Cuxhaven	30.17	50	E	3	0		30.10	+ .07	48	44	+ 2	SE	2	0	*	2	36	-	
Sumburgh Head	30.02	47	SW	1	bc		29.97	- .08	46	41	0	SSE	3	c	4	49	38	-	
Stornoway	29.91	53	ESE	1	0		29.87	- .10	53	46	+ 4	Z	0	0	0	53	36	-	
Thurso	29.98	49	SE	3	0		29.96	- .08	50	47	+ 4	SE	1	0	2	54	35	-	
Wick	29.97	49	SE	3	0		29.91	- .13	47	44	- 1	SE	3	0	2	53	40	-	
Nairn	29.92	56	E	1	0		29.91	- .12	45	40	- 3	W	0	0	0	61	34	-	
Aberdeen	30.01	47	S	3	0		29.95	- .10	46	42	- 1	S	2	0	2	53	43	-	
Leith	29.95	47	E	3	c		29.91	- .06	49	45	+ 3	E	2	0	*	53	34	-	
Shields	29.99	46	SE	4	0		29.94	- .07	46	45	+ 1	SE	2	c	3	49	43	-	
Scarborough	29.97	46	ESE	3	0		29.94	- .03	57	49	+ 4	SE	1	0	2	57	45	-	
York	29.97	48	E	2	0		29.92	- .02	57	48	+ 5	SE	1	0	*	53	45	-	
Nottingham	29.92	52	NE	3	0		29.89	+ .02	59	49	+ 5	NNE	3	0	*	52	43	0.10	
Ardrossan	29.91	55	ENE	4	c.m.		29.88	- .06	47	43	- 2	NE	3	0m	2	60	40	-	
Greencastle	29.87	57	E	2	0		29.84	- .03	57	48	+ 3	E	2	0	*	53	42	-	
Donaghadee	29.89	49	ENE	4	0		29.86	- .03	48	46	+ 2	ENE	5	0	3	49	43	-	
Kingstown	29.84	54	ENE	4	bc		29.79	- .01	52	50	+ 3	E	3	0m	4	56	48	-	
Holyhead	29.84	56	E	3	c		29.80	- .04	54	52	+ 7	E	3	0	1	60	46	0.01	
Liverpool (Bidston)	29.87	52	E	2	c		29.84	- .01	53	50	+ 9	E	3	0	1	55	44	-	
Valencia	29.67	56	SE	5	0		29.57	- .10	56	57	+ 3	E	5	0	5	59	52	0.02	
Roche's Point	29.75	60	SE	5	0		29.64	- .12	53	49	0	E	5	c	5	64	52	0.04	
Pembroke	29.80	59	SE	2	0		29.70	- .10	55	52	+ 4	ESE	5	0m	3	61	50	-	
Portishead	29.84	58	SSE	2	c		29.79	- .05	57	50	- 1	NE	5	0	4	61	46	-	
Scilly	29.77	55	SSE	5	0		29.61	- .16	54	53	- 3	E	7	r	6	59	52	0.01	
Plymouth	29.81	58	SE	2	bc		29.69	- .12	57	54	+ 2	ESE	5	c	*	63	48	-	
Hurst Castle	29.84	58	SE	3	bc		29.79	- .05	59	56	0	ESE	3	0m	2	65	50	0.08	
Dover	29.88	54	E	3	bc		29.84	- .04	57	53	0	E	3	0	2	57	52	0.02	
London	29.87	58	ESE	3	c		29.84	- .03	59	57	+ 8	SE	3	0	*	67	57	0.04	
Oxford	29.83	58	ESE	3	c		29.83	- .04	52	57	0	E	1	0	*	63	46	0.25	
Cambridge	29.93	50	ESE	1	c		29.86	- .07	53	52	+ 2	ENE	1	bc	*	61	41	-	
Yarmouth	29.94	50	E	3	0		29.92	+ .02	50	48	+ 3	ESE	3	0	3	50	46	-	
The Helder	29.96	50	E	3	0		29.96	+ .03	50	48	+ 5	E	1	0	*	*	*	-	
Cape Gris Nez	29.84	60	N	1	0		29.73	- .11	62	56	+ 7	E	3	0	3	62	57	0.01	
Jersey	29.85	?	S	3	0		29.65	- .20	57	55	+ 3	SE	4	0	4	61	48	0.12	
Brest	29.84	59	SW	3	bc		29.66	- .18	59	55	+ 4	SE	4	0	3	64	50	-	
L'Orient	29.82	64	NNW	2	0		29.71	- .11	61	57	+ 2	SE	3	0	3	72	52	-	
Rochefort	29.76	66	ENE	4	c		29.71	- .11	70	63	+ 7	SE	1	0	3	75	57	0.08	
Corunna	29.90	55	E	2	0		29.90	+ .03	55	57	+ 3	E	2	0	*	64	44	-	
Brussels	29.86	55	E	2	0		29.86	+ .07	55	55	+ 9	SE	3	0	*	*	*	-	
Charleville	29.85	64	SE	3	bc		29.85	+ .01	61	55	+ 7	SE	1	0	*	*	*	-	
Paris	29.85	64	SE	3	bc		29.91	+ .06	61	55	+ 2	NE	2	0	*	*	*	-	
Lyons	29.85	63	W	4	c		29.92	+ .12	63	55	+ 4	E	5	m	3	?	59	-	

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

	Bar.	Dry.	Wet.	Wind.	Woe.	Sea.		Bar.	Dry.	Wet.	Wind.	Woe.	Sea.		
Skudesnaes ...	30.02	47	42	W	4	0	2	Valencia	29.63	56	53	SE	6	bcp	5
Thurso	30.07	53	46	NNE	3	0	2	Scilly	29.74	59	57	SSE	6	c	
Scarborough ...	29.98	47	45	ESE	3	c	4	London	29.86	61	56	ESE	3	c	
Greencastle ...	29.90	50	45	E	2	0	*	Rochefort ...	29.86	64	59	NN	3	0	3
Holyhead	29.88	57	54	E	4	c	3								

Pressure has increased slightly since the morning in all places except the extreme N. of Scotland. Wind has veered somewhat at Valencia but still blew strongly.

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.

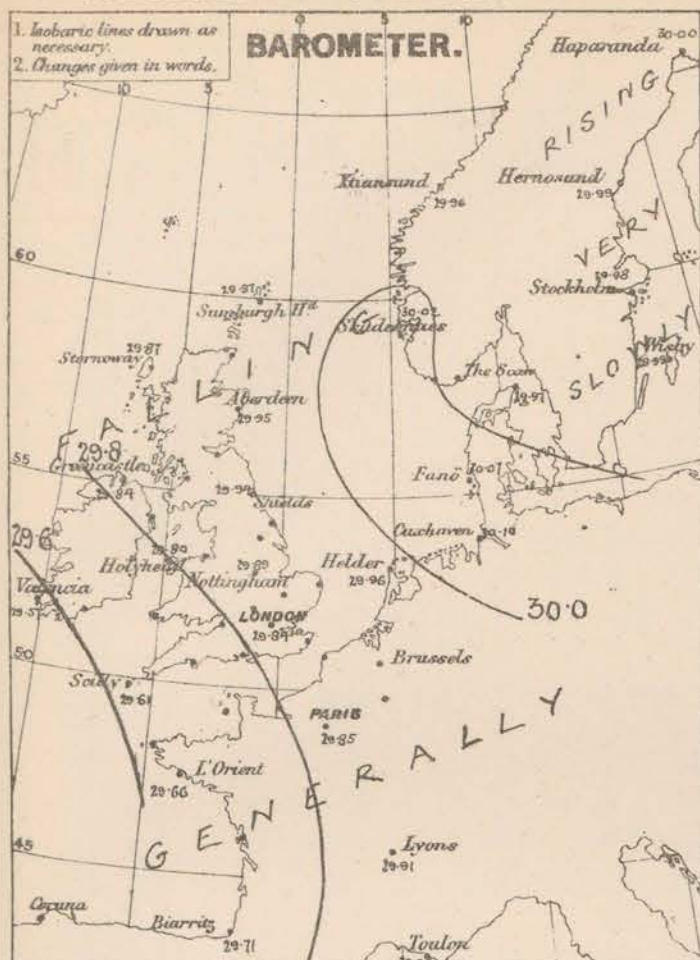
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 10 MAY 1878.

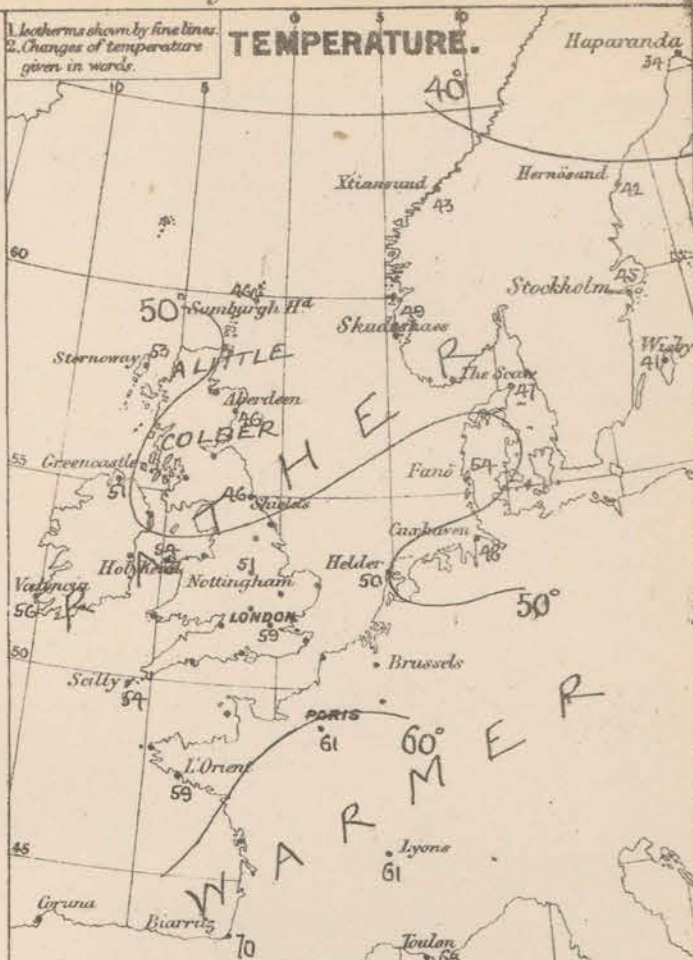
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



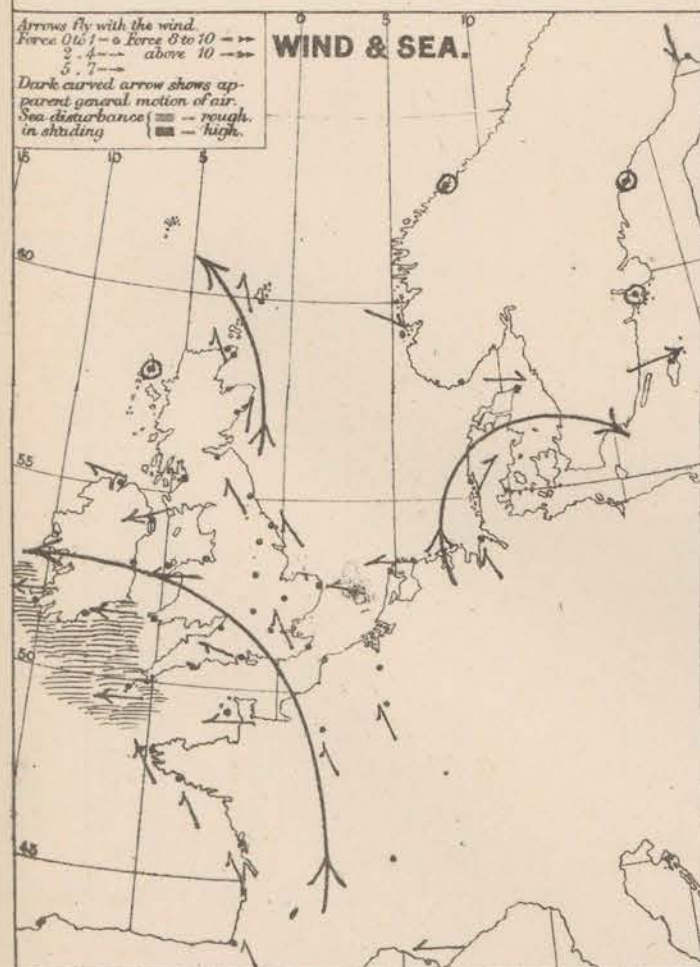
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



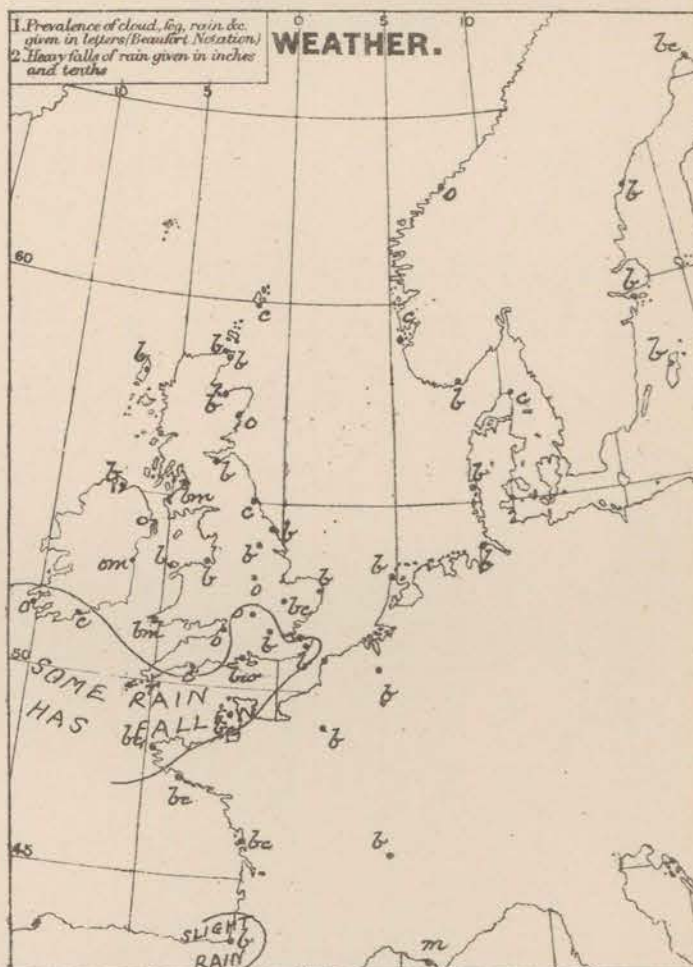
- Arrows fly with the wind.
Force 0 to 1 - a force 6 to 10 -
2 - 4 - above 10 -
7 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance: - rough in shading - high.

WIND & SEA.



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

WEATHER.



REMARKS.

Weather is wet at Scilly and dull or cloudy at several of the SW stations, but is exceedingly fine elsewhere. A little rain fell at the more S stations yesterday and thunder occurred at Oxford. Temperature has risen except in the E. of Scotland, it varies from 70° at Llanelli and 59° in London to 45° at Raim. During yesterday the thermometer rose to 65° at Hunt Castle, and 67° in London. Wind is SE¹ to E¹ on our own and the French coasts, but is more variable in direction over Scandinavia and Denmark; on our SW coasts it blows fresh and reaches the force of a moderate gale at Scilly. Sea is rough at Valentia, and the entrance to the Channel, moderate to smooth elsewhere.

Barometrical Indications. Pressure is decreasing in nearly all places, the change is, however, small except in the SW where the barometer has fallen briskly during the past night, and a fresh depression appears to be advancing on those coasts.

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

R. H. SCOTT.

Secretary.

DAILY WEATHER REPORT MAY 11th 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 ft. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 320 ft. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	30.09	33	Z	0	δ	30.13	+ .13	33	30	- 1	SW	2	δ	*	41	23	-	
Hernösand	30.07	40	SSW	2	δ	30.13	+ .14	45	39	+ 3	Z	0	δ	*	*	*	-	
Stockholm	30.04	41	S	2	δ	30.13	+ .15	48	43	+ 3	Z	0	δ	*	*	*	-	
Wisby	29.99	47	SW	6	0	30.09	+ .10	44	42	+ 3	NNW	4	0	*	*	*	-	
Christiansund	30.03	45	N	3	0	30.05	+ .09	47	43	+ 4	S	1	0	2	48	36	-	
Skudeenæs	30.05	44	NNW	2	δ	30.08	+ .06	51	48	+ 2	ESE	2	δ	3	50	45	-	
Oxö (Tjörnland)	30.03	48	SW	2	δ	30.12	+ .17	47	45	+ 1	NE	3	0	2	50	41	-	
Skagen (The Seaw)	30.07	44	Z	0	δ	30.16	+ .19	45	43	- 2	Z	0	δ	0	55	36	-	
Fanö	30.07	45	SE	4	δ	30.08	+ .01	48	43	- 6	E	4	δ	*	54	36	-	
Cuxhaven	30.07	?	NE	4	δ	30.02	- .08	50	47	+ 2	SE	4	δ	*	54	43	-	
Sumburgh Head	29.96	46	SSE	5	0	29.95	- .02	48	45	+ 2	SSE	5	δ	5	50	43	-	
Stornoway	29.78	53	ENE	4	δ	29.70	- .17	51	47	- 2	ESE	2	0	1	54	40	-	
Thurso	29.86	51	SE	3	δ	29.85	- .11	48	45	- 2	SE	5	δc	3	59	43	-	
Wick	29.88	49	SSE	4	δ	29.86	- .05	48	45	+ 1	SSE	4	0	4	55	43	-	
Nairn	29.84	54	Z	0	δ	29.79	- .12	52	44	+ 7	E	1	δ	1	55	43	-	
Aberdeen	29.92	48	SSE	3	0	29.87	- .08	49	46	+ 3	SE	4	δ	3	53	43	-	
Leith	29.81	51	ENE	4	δc	29.74	- .17	50	47	+ 1	E	4	δc	*	54	45	-	
Shielda	29.88	49	SE	6	δ	29.78	- .16	49	46	+ 3	SE	4	0	3	50	44	-	
Scarborough	29.90	47	SE	2	0	29.75	- .19	48	47	- 3	SE	4	0	4	52	46	-	
York	29.85	56	SE	2	δ	29.78	- .14	51	48	0	E	3	0	*	63	46	-	
Nottingham	29.79	59	SE	4	δ	29.62	- .27	53	51	+ 2	SE	6	0	*	67	47	0.07	
Ardrossan	29.75	58	NE	3	0	29.65	- .23	48	44	+ 1	NE	5	om	3	62	47	-	
Greencastle	29.68	57	ENE	2	om	29.53	- .31	49	47	- 2	ENE	3	τ	*	61	47	0.08	
Donaghadee	29.69	49	ESE	5	0	29.52	- .34	48	47	0	E	7	0	5	54	47	0.30	
Kingstown	29.63	55	SE	1	τ	29.42	- .37	52	51	0	SE	4	τ	4	57	51	0.87	
Holyhead	29.65	61	ESE	3	τ	29.46	- .34	52	53	0	ESE	4	τ	3	65	52	0.40	
Liverpool (Bidston)	29.69	61	E	5	0	29.52	- .32	53	51	0	E	5	0	3	64	49	0.13	
Valencia	29.36	54	ESE	5	τg	29.28	- .29	55	52	- 1	SE	5	op	5	59	53	0.27	
Roche's Point	29.47	57	SSE	6	0	29.37	- .27	56	53	+ 3	SSE	5	0	5	61	53	0.24	
Pembroke	29.59	55	SE	4	0	29.43	- .27	52	51	- 3	SW	2	0	4	58	?	0.52	
Portishead	29.65	63	E	6	0	29.47	- .32	57	57	+ 6	E	7	mc	5	70	49	0.59	
Scilly	29.55	57	SSE	5	0	29.45	- .16	58	56	+ 4	S	6	δc	5	59	54	0.44	
Plymouth	29.60	60	SE	4	0	29.57	- .18	54	53	- 3	S	2	0	*	62	54	0.86	
Hurst Castle	29.67	60	ESE	4	0	29.54	- .25	58	57	- 1	S	5	τ	5	66	54	0.31	
Dover	29.77	56	ENE	3	δ	29.62	- .22	53	52	- 4	E	2	δc	2	58	52	0.64	
London	29.77	60	SE	2	0	29.60	- .24	56	55	- 3	ESE	2	τ	*	72	54	0.24	
Oxford	*	*	*	*	*	29.55	- .28	55	55	+ 3	E	1	τ	*	69	52	0.26	
Cambridge	29.81	60	ESE	1	0	29.61	- .25	54	53	+ 1	E	1	0	*	68	50	0.03	
Yarmouth	29.87	52	E	5	δ	29.70	- .22	50	49	0	E	6	δmv	5	53	48	-	
The Helder	*	*	*	*	*	29.82	- .14	53	49	+ 3	E	2	δc	*	*	*	-	
Cape Gris Nez																		
Jersey	29.62	63	SE	2	0	29.63	- .10	56	55	- 6	SW	3	δ	3	67	52	0.24	
Brest	29.63	66	SE	2	0	29.58	- .07	55	54	- 2	SSW	4	δ	4	68	52	0.35	
L'Orient	29.63	61	SE	2	δc	29.64	- .02	59	55	0	SW	4	δ	3	68	52	0.12	
Rocheport	29.65	68	SSE	3	δc	29.72	+ .01	63	59	+ 2	S	2	δc	3	77	52	0.40	
Biarritz	29.58	73	SSE	4	0	29.73	+ .02	64	61	- 6	SSW	3	0	3	84	59	-	
Corunna	*	*	*	*	*										*	*	*	
Brussels	*	*	*	*	*	29.69	- .21	63	58	+ 8	ESE	3	0	*	72	51	-	
Charleville	*	*	*	*	*	29.70	- .16	63	60	+ 5	SE	3	0	*	*	*	*	
Paris	29.73	72	SE	4	δ	29.68	- .17	64	60	+ 3	SE	2	δ	*	*	*	-	
Lyons	*	*	*	*	*	29.85	- .06	66	60	+ 5	SE	6	δ	*	*	*	*	
Toulon	29.95	57	ESE	4	m	29.93	+ .01	59	54	- 4	E	5	0	4	64	57	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudeenæs ...	30.04	49	42	WNY	4	δ	2	Valencia	29.42	54	53	E	6	ng	5
Thurso	29.89	55	49	SE	3	6	2	Scilly	29.57	56	55	ESE	6	p	6
Scarborough ...	29.91	49	48	SE	2	6	3	London	29.82	66	60	SE	3	bc	*
Greencastle ...	29.76	56	51	ENE	2	0	*	Rochefort ...	29.69	77	64	SE	3	bc	3
Holyhead	29.71	63	59	ESE	3	0	2								

Pressure still decreases on all coasts - briskly at Valencia where the weather has become wet. The wind at Scilly has veered to SE. and fallen lighter, but in the South of Ireland it still blows strongly from E.

EXPLANATION OF COLUMNS.

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

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

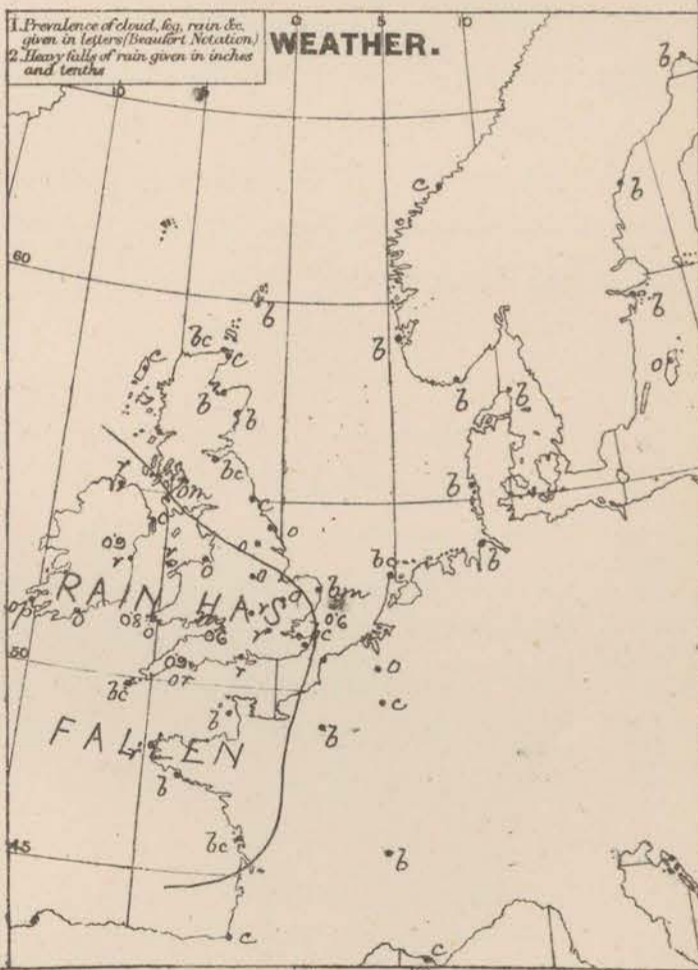
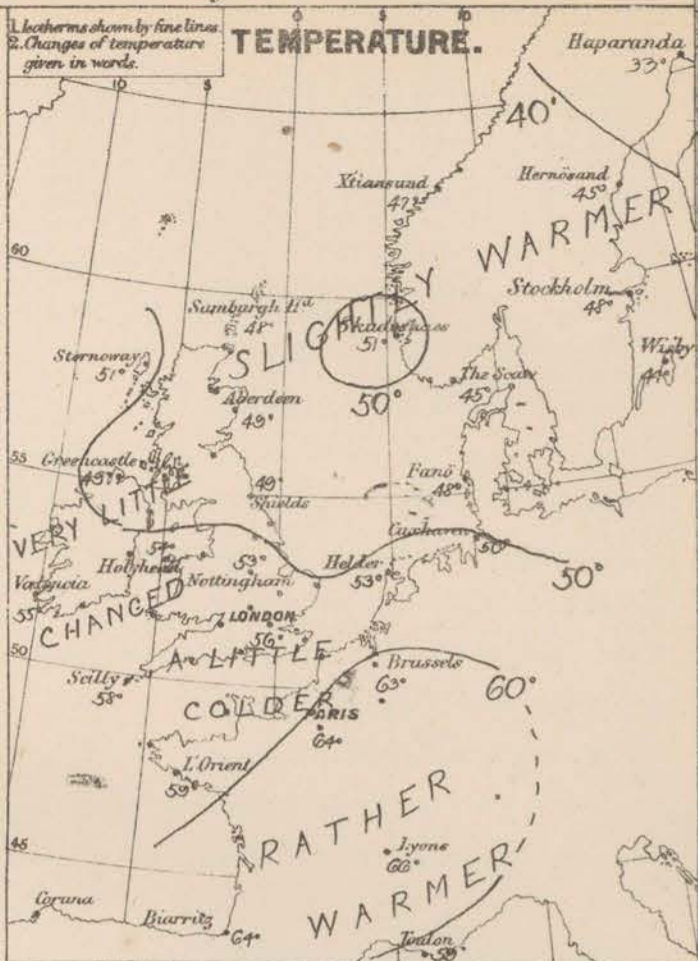
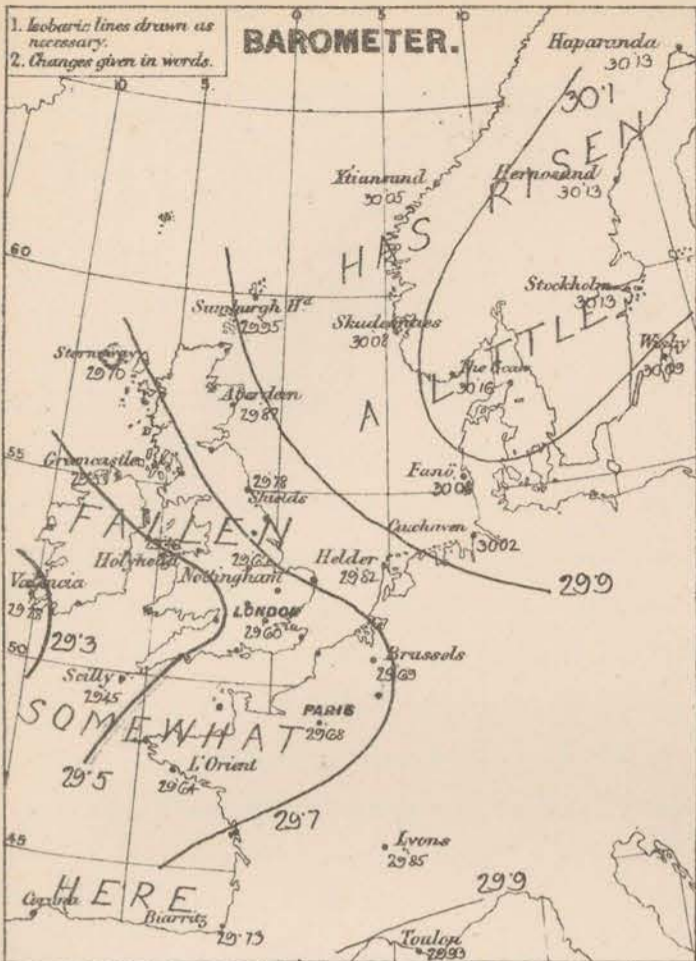
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS

for 8 a.m. on Saturday 11TH MAY

1878.



REMARKS. Weather is clear to the eastward of the North Sea as well as in the north west and north of France, but is overcast and unsettled over the greater part of these Islands, with rain over central and south eastern England. Thunderstorms occurred over the Channel and southern parts of England yesterday, and rain fell except in Scotland and the north of England, the amounts in the south being large. Temperature has changed rather irregularly; it varies over these Islands from 58° on our south coast to 48° in the north; during yesterday the thermometer rose to 70° at Portland and 72° in London. Wind is S⁴ to E⁴ over the whole of Western Europe, and on most of our coasts blew fresh or strongly. Sea is rather rough in the south west and south east.

Barometrical Indications. Pressure is increasing both over Norway and Sweden and in the west of France but is decreasing in all other places, the change being greatest at our western and south western stations. A rather large disturbance lies just outside the west of Ireland, while a small anticyclonic depression is shown over South Wales.

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

R. H. SCOTT.

Secretary

SUMMARY OF WEATHER IN WESTERN EUROPE

from MAY 5th to MAY 11th 1878.

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

The general distribution of pressure has been very changeable during this week. On the 5th a large area of high readings lay over us and light anticyclonic breezes with warm fine weather prevailed, on the 6th the barometer was falling briskly in the S.W., the region of high readings was shown over the Norwegian coast, and S.E. breezes were reported on most coasts, while the weather though still fine generally had become more unsettled in the S.W. On the 7th and 8th a band or trough of low pressure lay over England, so that E. breezes were felt at the more N.W. and N.E. breezes at the more S.W. stations, while temperature fell somewhat and the weather became dull and wet. On the 10th the former distribution was reestablished, a large area of high reading lying over the North Sea, while a depression was shown to the S.W. of Ireland. This distribution lasted till the close of the week so that during the last few days S.E. breezes with moderately fine and warm weather were general.

MAY 5th Pressure had decreased over France and our S.W. coasts as well as in the Baltic, but in all other places the mercury was rising; an area of high pressure lay over England, the north of France, the Netherlands and N. Germany, while a well marked depression lay over the Baltic, and comparatively low readings were shown in the S.W. of France. Temperature was slightly higher over these Islands, slightly lower in France, and varied from 61° at Rochefort and 59° in London to 51° in the Hebrides. Weather was exceedingly fine and dry. In the evening the barometer was rising briskly in Sweden and slowly on the eastern shores of the North Sea and in the N. of Scotland, but the decrease noticed in the S.W. had spread to most other places. Wind was fresh from E. to S.E. in the S.W.

MAY 6th The barometer had risen over Norway and Sweden, and the area of highest pressure lay over Denmark and the E. part of the German Ocean, but a further decrease of pressure was reported over these Islands and France, and a large depression lay off our S.W. coasts, where the change in pressure was as much as half an inch. Wind was blowing a S.W. gale in the N. of Spain, but was S. to E. in the United Kingdom and N. of France, and strong on our S.W. coast. Temperature had fallen in the S.E. but risen elsewhere, and was very uniform, varying from 58° in the S. to 50° in the N. Weather was fine ^{except} in the S.W., where the sky was overcast, with rain. During the day pressure continued to decrease except in Sweden and the area of low readings off our S.W. coast moved steadily to the N.W.

MAY 7th Pressure was decreasing over the North Sea but increasing in most other places - briskly in the S.W. A band of low readings (29.7 in.) lay over these Islands where pressure rose to 30.2 in. in the Gulf of Bothnia and to 29.8 in. in the S.W. of France. Wind consequently varied between S.W. and N.W. at all the more S.W. and between N.E. and E. at the more N.W. stations; it was light except in S. of Scandinavia. Temperature was slightly lower in most places, and was uniform over these Islands, varying from 57° in the S. to 48° in the N.E. Weather was overcast except on our S.W. coast and rain was falling in many parts of these Islands and France. Later reports showed the barometer rising somewhat in the N. and N. and falling in the S.E. over which district a large shallow depression appeared in the afternoon.

MAY 8TH The changes in pressure continued slight; in the N. of the British Isles, over Scandinavia and in the S.W. of France the mercury was rising, while at our more S.W. stations it was falling, and an elongated depression stretched E.W. from the St. George's Channel across England to N. Germany. To the N.W. of this depression the wind was E. to N.E. and strong in force, while to the S.W. it was generally S.W. to W. Temperature was lower in all places and was very uniform over Western Europe, varying from 59° in the S.W. of France to 46° on our N.E. coasts and 31° at Haparanda. Weather was very fine in the S.W. dull elsewhere with rain over Central England. In the evening the barometer was falling on our S.W. coasts and over France, rising elsewhere, but the relative distribution of pressure was not much altered.

MAY 9TH The barometer had risen at all but the S.W. stations and the distribution of pressure had altered somewhat since the previous day; a large area of comparatively high pressure (30.0 in.) lay over the North Sea, Denmark and the S. of Norway, while a depression in which the lowest reading ^{was} 29.6 in. lay off the S.W. of Ireland. Wind was S. to N. over the Bay of Biscay, but was E. to S.E. in all other part of Western Europe, and though moderate on most coasts, blew strongly in the N. and S.W. Temperature was higher in most places and varied from 59° on our S. coast to 46° in the Shetlands. Weather was cloudy except in Scotland, Denmark and some part of France. During the day, the depression moved N.W., and the barometer rose in the S. and N. but fell slightly in the W.

MAY 10TH The barometer was falling over the whole of W. Europe but the changes were slight, and the general distribution of pressure was not dissimilar to that of the previous day, the region of highest reading (30.0 in.) being over the North Sea and that of lowest (29.6 in.) off our S.W. coasts. Wind was consequently still S.E. generally and strong in force in the S.W. Temperature was rather lower in the E. of Scotland, and a few degrees higher elsewhere; it varied from 59° in the S.E. to 45° at Narvik. Weather was exceedingly fine and dry over the greater part of our area, but on our extreme S.W. coasts the sky was cloudy and some rain was falling. Later in the day, the mercury fell rather briskly in the S.W. and a rather deep depression advanced to those coasts.

MAY 11TH Pressure had decreased at all except the Scandinavian and Western French stations, and a rather large disturbance lay to the N.W. of Ireland, while a small subsidiary disturbance was shown over South Wales. Gradients were rather steep and the wind was fresh or strong on our coasts. It was S. to S.W. over the Bay of Biscay, and at the entrance to the Channel, S.E. elsewhere. Temperatures had changed irregularly and varied over these Islands from 58° in the S. to 48° in the N. Weather was fine on the eastern shores of the North Sea and over France, dull and wet over the British Isles. Late Reports showed the barometer still falling, while the wind on our W. coast increased to a moderate or fresh gale.

DAILY WEATHER REPORT MAY 12th 1878.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PART IN HOURS.		
	Barometer at 320 ft. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 320 ft. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	30.01	32	Z	0	0	29.88	-28	37	36	+	4	S	2	0	*	41	30	1.7	
Hernösand ...	30.08	40	Z	0	0	30.01	-12	52	44	+	7	WST	2	0	*	*	*	1	
Stockholm ...	30.13	46	SSW	2	0	30.09	-04	53	46	+	5	ST	2	0	*	*	*	1	
Wishby ...	30.10	41	N	4	0	30.08	-01	43	41	-	1	NW	2	0	*	*	*	1	
Christiansund ...	30.04	46	SSW	1	0	29.93	-12	50	45	+	3	S	1	0	2	50	37	1	
Skudesnaes ...	30.02	49	E	2	0	29.92	-16	52	45	+	1	E	6	0	4	55	48	1	
Oslo (Christiansund)	30.10	48	ENE	4	0	30.05	-07	48	45	+	1	ESE	4	0	3	52	45	1	
Skagen (The Saaw)	30.13	48	SE	2	0	30.10	-06	49	46	+	4	?	4	0	3	63	41	1	
Panö ...	29.98	50	SE	6	0	29.91	-17	53	47	+	5	SE	7	0	*	57	43	1	
Cuxhaven ...	30.01	60	SE	4	0	29.88	-14	53	48	+	0	SSE	6	0	*	61	46	1	
Sumburgh Head	29.89	49	SE	6	0	29.68	-27	47	46	-	1	SE	6	0	6	52	45	0.09	
Sornoway	29.86	54	ESE	7	0	29.52	-18	53	50	+	2	SE	2	0	2	60	45	0.03	
Thurso ...	29.73	49	SE	5	0	29.59	-26	54	52	+	6	SSE	2	0	1	55	46	0.02	
Wick ...	29.75	48	SE	6	0	29.65	-21	52	50	+	4	SE	3	0	3	52	45	0.06	
Nairn ...	29.67	50	E	2	0	29.59	-20	55	49	+	3	Z	0	0	3	61	43	1	
Aberdeen ...	29.72	48	SE	4	0	29.65	-22	46	46	-	3	SSE	1	0	3	54	46	0.26	
Leith ...	29.59	48	E	2	0	29.59	-15	51	49	+	1	E	2	0	3	55	45	0.10	
Shields ...	29.63	48	SE	4	0	29.66	-12	57	54	+	5	ESE	1	0	3	57	45	0.31	
Scarborough	?	49	SE	2	0	29.69	-06	62	57	+	14	ST	1	0	2	63	47	0.21	
York ...	29.61	60	S	1	0	29.67	-11	57	54	+	6	S	1	0	*	60	46	0.19	
Nottingham ...	29.63	61	SSE	2	0	29.67	+05	64	58	+	11	SSE	3	0	*	66	48	0.11	
Ardrossan ...	29.54	50	ENE	2	0	29.54	-11	54	51	+	6	ESE	2	0	3	56	48	0.32	
Greencastle ...	29.41	58	SE	2	0	29.42	-11	56	53	+	7	SSE	2	0	*	59	47	0.14	
Donaghadee ...	29.49	50	SE	4	0	29.51	-01	53	52	+	5	S	6	0	4	54	48	0.43	
Kingstown ...	29.46	56	SE	5	0	29.49	+07	54	53	+	2	SSE	5	0	5	58	51	0.49	
Holyhead ...	29.54	57	S	2	0	29.56	+10	55	54	+	1	S	3	0	2	62	53	0.68	
Liverpool (Bidston)	29.56	59	SE	1	0	29.61	+09	59	55	+	6	SE	4	0	2	63	51	0.15	
Valencia ...	29.18	57	SE	6	0	29.25	-03	55	52	0	0	SE	7	0	6	59	52	0.39	
Roche's Point...	29.29	58	SSE	6	0	29.35	-02	54	53	-	2	S	5	0	5	62	53	0.58	
Pembroke ...	29.49	56	SE	4	0	29.53	+10	54	52	+	2	SE	5	0	4	57	51	0.05	
Portishead ...	29.59	60	SE	4	0	29.62	+15	56	51	-	1	SE	5	0	4	65	50	0.13	
Scilly ...	29.44	55	S	8	0	29.49	+04	56	54	-	2	S	6	0	6	60	54	0.05	
Plymouth ...	29.56	58	SE	4	0	29.60	+09	56	54	+	2	SSE	4	0	*	63	54	1	
Hurst Castle ...	29.66	60	S	4	0	29.68	+14	59	56	+	1	S	3	0	4	62	53	0.02	
Dover ...	29.71	55	WST	3	0	29.69	+07	61	56	+	8	E	1	0	0	61	50	0.02	
London ...	29.68	64	S	1	0	29.70	+10	63	57	+	7	SE	3	0	*	68	50	1	
Oxford ...	?	?	?	?	?	29.66	+11	60	56	+	5	S	1	0	*	64	50	0.04	
Cambridge ...	29.66	64	ST	1	0	29.69	+08	62	58	+	8	ESE	1	0	*	68	46	0.10	
Yarmouth ...	29.66	57	S	2	0	29.72	+02	57	55	+	7	Z	0	0	3	58	49	0.01	
The Helder ...	?	?	?	?	?	29.72	-10	56	52	+	3	E	1	0	*	*	*	0.39	
Cape Gris Nez																			
Jersey ...	29.68	56	SE	3	0	29.72	+09	57	54	+	1	S	3	0	3	64	52	1	
Brest ...	29.62	61	S	5	0	29.65	+07	55	55	0	0	S	5	0	5	61	52	1	
L'Orient ...	29.68	59	SSW	4	0	29.71	+07	57	55	-	2	S	3	0	5	64	52	1	
Rochefort ...	29.71	70	SSW	3	0	29.74	+02	59	57	-	4	SSE	3	0	3	73	54	1	
Biarritz ...	29.69	70	WST	3	0	29.75	+05	64	63	0	0	SSE	3	0	3	77	57	1	
Corunna ...	?	?	?	?	?														
Brussels ...	?	?	?	?	?	29.72	+03	60	58	-	3	S	2	0	*	74	56	1.02	
Charleville ...	?	?	?	?	?	29.70	00	59	?	-	4	SSE	3	0	*	*	*	1	
Paris ...	29.72	66	SSE	4	0	29.74	+06	65	63	+	1	S	1	0	*	*	*	1	
Lyons ...	?	?	?	?	?	29.78	+07	63	?	-	3	E	2	0	*	*	*	1	
Toulon ...	29.91	57	E	4	0	29.82	-11	55	55	-	4	E	4	0	3	65	59	0.16	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	30.06	53	48	SSW	6	bc	4	Valencia	29.21	57	53	ESE	7	pg	6
Thurso	29.75	51	48	SE	5	c	3	Scilly	29.45	59	55	SSE	8	a	6
Scarborough	29.66	47	46	ESE	6	f	5	London	29.66	65	59	SW	2	bc	3
Greencastle	29.42	57	50	E	3	o	4	Rochefort	30.09	68	66	SW	4	bc	3
Holyhead	29.57	59	58	S	3	b	2								

The barometer continues to fall in the S. of Ireland, but the fall has ceased at Scilly. The wind has increased to a fresh gale from SSE at Scilly, and a moderate gale from ESE at Valencia, besides being fresh to strong on our NE coasts.

EXPLANATION OF COLUMNS.

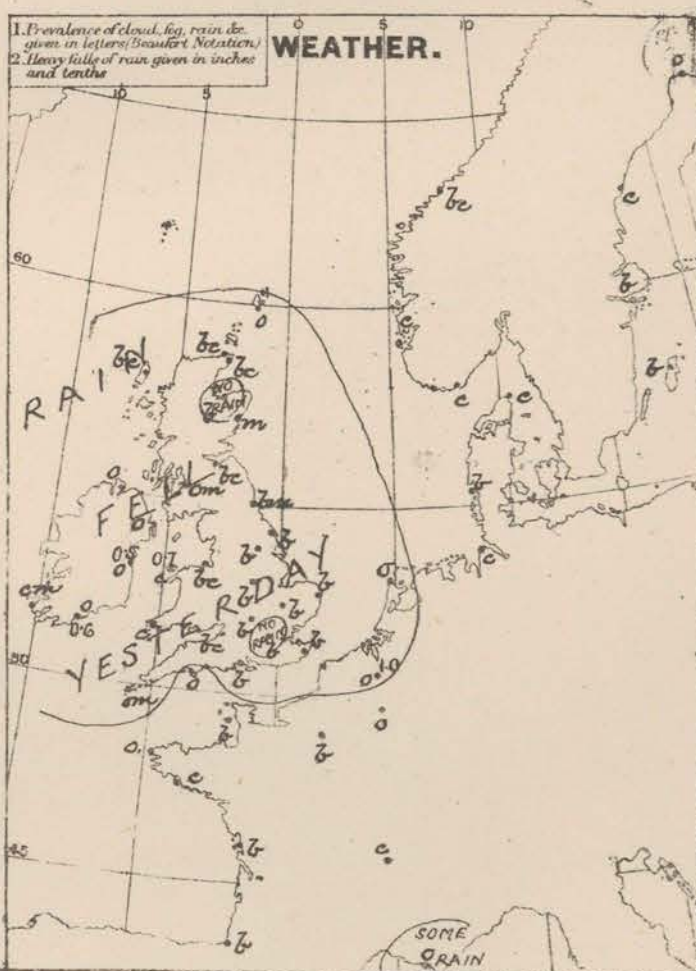
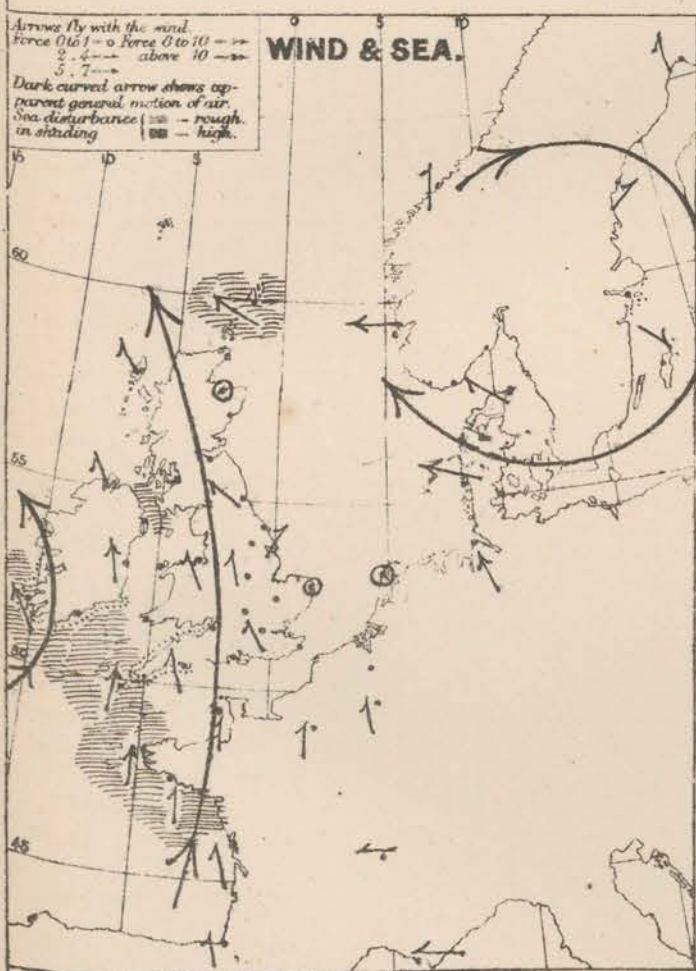
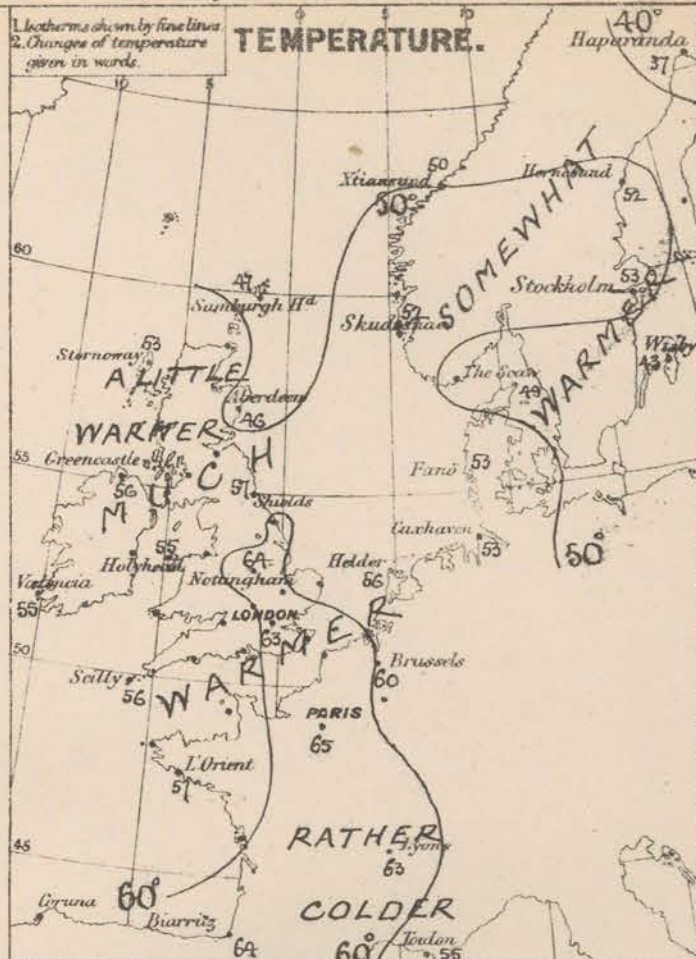
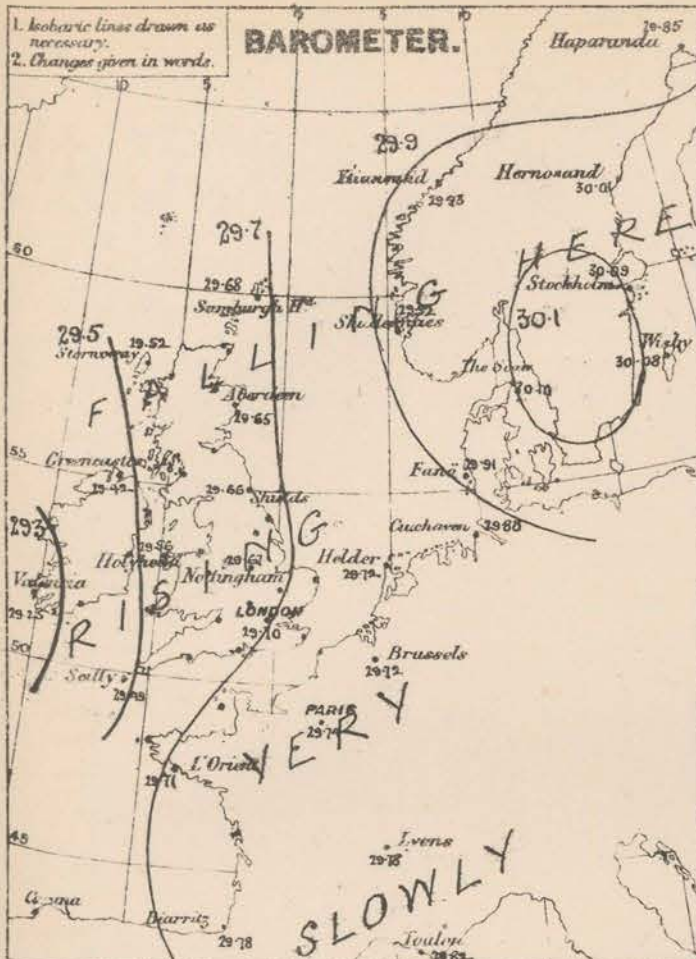
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

N.B.—The wind is said to "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 12th MAY 1878.



Note: A dotted line is drawn round the centre of the signals as was in 1877.

REMARKS. Weather remains dull in Ireland, but is fine and bright at nearly all our other stations. Heavy rain fell yesterday in the S. and W. of Ireland, and a sharp thunderstorm occurred at Brussels last night, with more than an inch of rain. Temperature has risen very considerably over Central and E. England, and to a less extent in nearly all places. It varies from 47° in the extreme N., and 54° in Ireland to 64° over Central England. The highest shade temperatures recorded over England yesterday were 68° in London and Cambridge. Wind is S.W. to E. all over the United Kingdom, and blows strongly at the W. stations. On the E. shores of the North Sea strong E. to E. winds are felt. Sea is rough in the far N. and off our W. and S.W. coasts, moderate to slight elsewhere. Barometrical indications. Pressure is still very unsteady; it varies from 30.10 in. in the S. of Sweden to 29.25 in. at Valencia, and, though the depression which lay near the S. of Ireland yesterday morning passed away during the day, another one is apparently approaching that district. The South Sea has been twisted on our extreme S.W. coasts this morning.

DAILY WEATHER REPORT MAY 13th 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 24 HOURS.		
	Baromet. at 3 P.M. Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force, (0 to 12).		Reading at 8 A.M. Sea Level.	Difference from 8 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Dir.	Force, (0 to 12).			Max.	Min.		
Haparanda	29.78	42	SW	2	o	29.83	-.02	45	42	+ 5	Z	0	6	*	46	34	-	
Hernösand	29.86	52	Z	0	b	29.82	-.19	50	43	- 2	SE	2	60	*	*	*	-	
Stockholm	29.95	48	SW	2	b	29.91	-.18	53	46	0	WSW	2	6	*	*	*	-	
Wishby	30.04	44	SW	4	b	29.97	-.11	46	40	+ 3	W	6	6	*	*	*	-	
Christiansund	29.83	?	ENE	3	o	29.66	-.27	?	44	?	SSE	1	0	3	54	43	-	
Skudesnaes	29.82	52	SE	6	o	29.73	-.19	51	47	- 1	E	2	0	3	54	?	-	
Oxö (Klamsand)	29.91	50	E	4	o	29.79	-.26	48	45	0	NE	4	7	3	62	46	-	
Skagen (The Seaw)	29.94	49	SSE	3	bo	29.84	-.26	49	46	0	SSE	4	0	3	63	45	-	
Fanö	29.78	53	SE	6	o	29.69	-.22	52	49	- 1	SSE	4	c	*	59	48	-	
Cuxhaven	29.77	60	SE	4	o	29.70	-.18	54	50	+ 1	SSE	3	0	*	59	50	0.03	
Sumburgh Head	29.66	47	SE	4	f	29.57	-.11	47	47	0	SE	5	f	6	49	44	-	
Stornoway	29.52	58	Z	0	b	29.44	-.08	56	53	+ 3	SSE	1	60	1	59	46	-	
Thurso	29.56	59	SE	2	bo	29.57	-.08	52	51	- 2	SSE	2	c	2	66	45	-	
Wick	29.60	53	SE	3	c	29.53	-.12	48	48	- 4	S	2	f	3	59	46	-	
Nairn	29.55	56	S	1	b	29.51	-.08	55	51	0	Z	0	60	0	63	46	-	
Aberdeen	29.62	54	S	1	b	29.56	-.09	48	48	+ 2	SE	1	f	2	59	46	-	
Leith	29.55	61	S	3	bo	29.47	-.12	51	50	0	ENE	1	c	*	63	47	-	
Shields	29.62	52	SE	1	c	29.53	-.13	50	48	- 7	SE	1	r	3	59	46	0.16	
Scarborough	29.65	56	SSE	2	o	29.54	-.15	48	48	- 4	SSE	2	0	2	66	48	-	
York	29.61	62	ESE	1	b	29.51	-.16	56	54	- 1	S	2	0	*	68	53	0.14	
Nottingham	29.61	65	SSW	3	b	29.50	-.17	55	54	- 9	S	2	r	*	73	53	0.17	
Ardrossan	29.52	61	ESE	1	b	29.41	-.13	56	53	+ 2	E	3	omv	2	63	53	0.01	
Greencastle	29.44	59	SSE	4	bo	29.33	-.09	54	51	- 2	E	3	0	*	63	51	-	
Donaghadee	29.49	54	S	3	bo	29.38	-.13	50	50	- 3	SE	2	p	1	57	49	0.19	
Kingstown	29.44	56	SSE	5	c	29.35	-.14	54	52	0	SE	4	c	4	58	51	0.17	
Holyhead	29.53	60	SSW	2	r	29.40	-.16	55	52	0	SSE	3	0	2	65	53	0.10	
Liverpool (Bristol)	29.53	64	SSE	3	b	29.44	-.17	54	53	- 5	ESE	3	0	1	67	53	0.06	
Valencia	29.17	51	SSW	7	r	29.24	-.01	53	52	- 2	SSE	4	cp	5	57	49	0.41	
Roche's Point	29.29	55	S	5	o	29.32	-.03	56	53	+ 2	SSW	3	c	4	64	50	0.67	
Pembroke	29.46	54	SE	6	c	29.40	-.13	53	51	- 1	S	4	b	4	59	49	0.26	
Portishead	29.56	62	SE	4	bo	29.49	-.13	54	51	- 2	S	5	c	5	65	50	0.03	
Scilly	29.43	55	S	8	r	29.43	-.06	56	55	0	SSW	5	cp	5	58	50	0.39	
Plymouth	29.53	58	S	4	o	29.48	-.12	55	53	- 1	S	4	cp	*	63	51	0.15	
Hurst Castle	29.64	62	SE	3	bo	29.55	-.13	55	50	- 4	SW	4	bo	5	65	52	0.17	
Dover	29.68	57	E	2	b	29.60	-.09	57	55	- 4	W	3	c	2	62	54	0.03	
London	29.64	69	S	2	bo	29.59	-.11	55	54	- 8	S	2	0	*	73	53	0.16	
Oxford	*	*	*	*	*	29.53	-.13	53	50	- 7	SW	2	r	*	68	52	0.08	
Cambridge	29.63	65	SSE	1	b	29.56	-.13	54	53	- 8	SE	1	r	*	72	51	0.07	
Yarmouth	29.69	57	SSE	1	b	29.59	-.13	53	52	- 4	S	2	c	2	69	50	0.26	
The Helder	*	*	*	*	*	29.65	-.07	55	56	- 1	ESE	1	f	*	*	*	0.24	
Cape Gris Nez	29.68	61	E	2	b	29.63		54	54		WSW	3	0	2	66	54	0.04	
Jersey	29.64	61	S	1	o	29.63	-.09	55	53	- 2	SSW	4	bo	4	63	50	0.09	
Brest	29.55	61	S	5	o	29.59	-.06	55	54	0	SW	5	0	5	61	50	0.04	
L'Orient	29.61	59	SSE	3	o	29.68	-.05	55	54	- 2	SW	5	mv	5	66	50	0.12	
Rochefort	29.73	68	SW	4	bo	29.82	+ .08	57	54	0	SW	5	0	3	73	54	0.12	
Biarritz	29.72	68	SSW	4	bo	29.84	+ .06	63	59	- 1	?	2	bo	3	75	55	-	
Corunna	*	*	*	*	*									*	*	*	*	
Brussels	*	*	*	*	*	29.63	-.09	63	56	+ 3	SSW	3	c	*	72	55	-	
Charleville	*	*	*	*	*	29.61	-.09	60		+ 1	SSE	3	c	*	*	*	*	
Paris	29.67	68	SSE	2	b	29.71	-.03	55	52	- 10	SW	2	r	*	*	*	0.08	
Lyons	*	*	*	*	*	29.82	+ .04	64		+ 1	SE	2	0	*	*	*	*	
Toulon	29.80	57	SW	3	bo	29.84	+ .02	61	55	+ 6	W	4	b	3	?	55	0.32	

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.			
Skudesnaes ...	29.54	54	45	SE	6	o	Valencia							
Thurso							Scilly							
Scarborough ...							London				*			
Greencastle ...						*	Rochefort ...	29.54	68	61	SW	4	bc	3
Holyhead														

EXPLANATION OF COLUMNS.

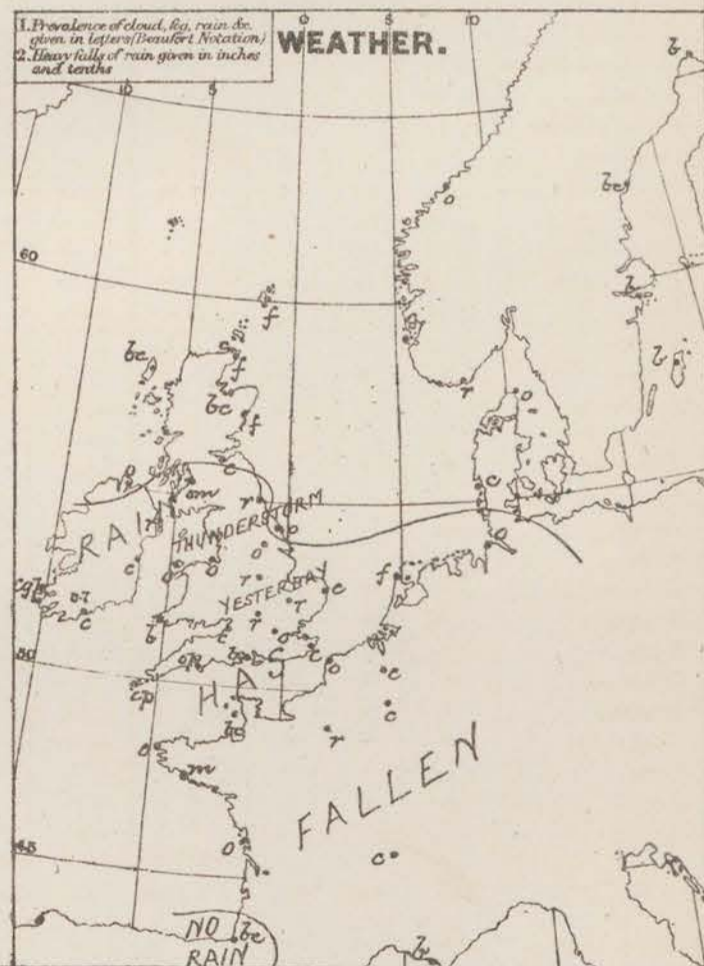
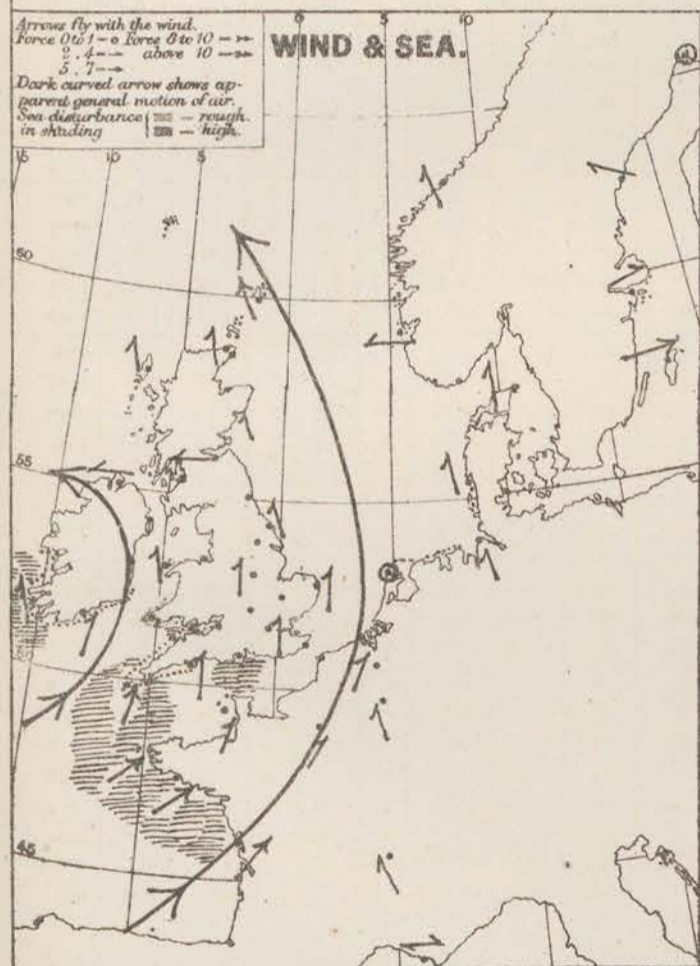
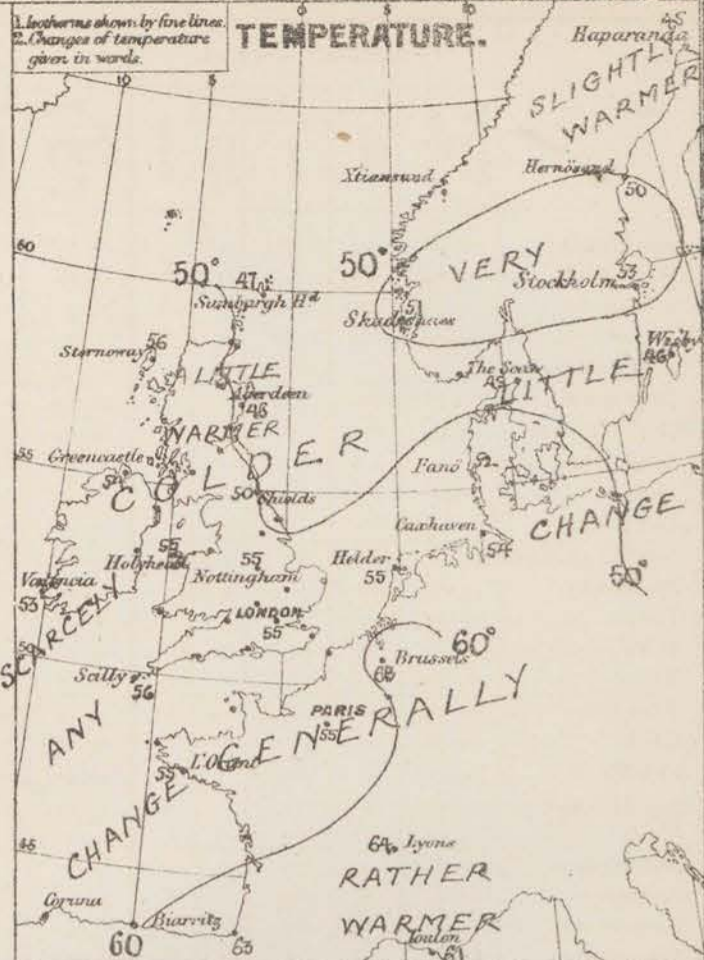
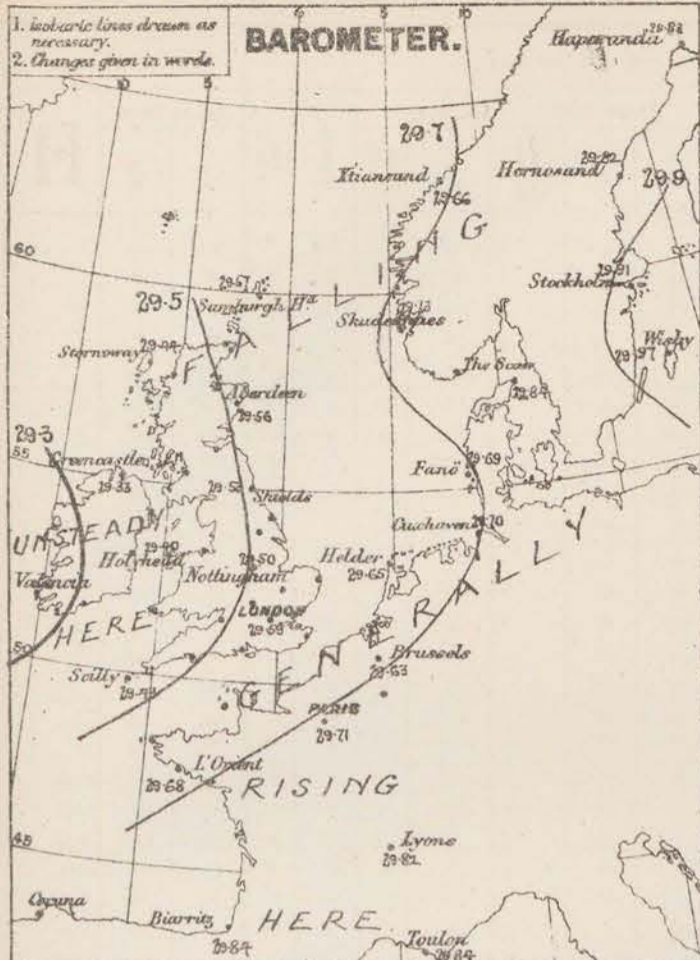
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

WEATHER CHARTS *for 8 a.m. on Monday 13. May. 1878.*



Note. A dotted line is drawn round the cone where the signals are still up.

REMARKS. Weather is very cloudy over nearly the whole of W. Europe, with rain in many places, and fog in the NE. A good deal of rain fell in the W. yesterday, and also over England in the night, accompanied in many places by thunder and lightning. Temperature is several degrees lower than it was yesterday morning over nearly the whole of England and France. During the day yesterday it rose to 73° in the shade at Nottingham and in London, and to 72° at Cambridge, whilst in Scotland the maximum values varied from 59° to 63° only. Wind is fresh from SW in the south, light from S to SE in most other places, but is still more E^{ly} in the S. & Norway. It blew a strong gale from S at the mouth of the Channel yesterday afternoon. Sea is rough in the N and W, moderate to smooth elsewhere. Barometrical Indications. Pressure is now giving way over the whole of W. Europe. A slight, but apparently temporary recovery has occurred in the S. of Ireland during the night, such gradients for SW^{ly} winds appear likely to take the place of those for SE^{ly} winds, which have lately prevailed.

Hannings. Our extreme SW. coast was warned yesterday morning.

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

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

R. H. SCOTT.
Secretary

Secretary

DAILY WEATHER REPORT MAY 14th 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		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 ...	29.80	38	N	0	0	29.71	-.12	39	37	-.6	S	2	bc	*	50	34	-	
Hernösand ...	29.74	40	Z	0	0	29.74	-.08	57	46	+.1	SSW	2	bc	*	*	*	-	
Stockholm ...	29.83	47	SSW	4	0	29.80	-.11	54	46	+.1	SSE	4	bc	*	*	*	-	
Wisby ...	29.93	45	SSE	4	0	29.86	-.11	56	48	+.10	S	4	bc	*	*	*	-	
Christiansund ...	29.61	50	SW	4	0	29.43	-.23	50	46	?	E	3	bc	3	54	39	-	
Skudesnaes ...	29.59	53	ESE	4	0	29.46	-.27	50	?	-.1	SSE	8	bc	5	55	50	0.08	
Oxö (Xtiansand) ...	29.67	49	ENE	4	7	29.56	-.23	50	48	+.2	?	3	bc	3	50	46	0.35	
Skagen (The Seaw) ...	29.71	57	SE	3	0	29.61	-.23	49	48	0	SSW	4	bc	2	54	45	-	
Fanö ...	29.62	52	SSW	2	0	29.61	-.08	59	55	+.7	SW	4	bc	*	61	48	0.04	
Cuxhaven ...	29.64	61	SSW	1	0	29.68	-.02	60	58	+.6	SSW	2	bc	*	64	48	0.06	
Sumburgh Head ...	29.50	46	SSE	4	0	29.26	-.31	47	47	0	SSE	5	bc	5	48	43	0.07	
Stornoway ...	3	55	SSW	2	0	29.17	-.27	53	52	-.3	SSE	1	bc	1	60	48	0.10	
Thurso ...	29.40	48	SE	3	0	29.21	-.30	57	53	+.5	S	2	bc	2	63	46	-	
Wick ...	29.42	47	SE	4	0	29.23	-.30	57	49	+.3	SSW	1	bc	0	52	45	0.03	
Nairn ...	29.37	60	SW	1	0	29.23	-.28	55	50	0	Z	0	bc	0	61	47	-	
Aberdeen ...	29.44	48	SE	1	0	29.29	-.27	52	51	+.4	S	2	bc	1	52	45	0.05	
Leith ...	29.37	56	S	1	0	29.26	-.21	55	57	+.4	SSW	2	bc	*	62	46	0.03	
Shields ...	29.42	55	SE	1	0	29.37	-.16	52	50	+.2	SW	2	bc	2	55	47	0.02	
Scarborough ...	29.46	56	SSW	1	0	29.41	-.13	55	53	+.7	SSW	2	bc	2	57	48	0.06	
York ...	29.46	58	S	2	0	29.41	-.10	55	52	-.1	S	2	bc	*	63	49	0.11	
Nottingham ...	29.50	57	SSW	7	0	29.43	-.07	57	54	+.2	S	4	bc	*	67	47	0.09	
Ardrossan ...	29.35	58	S	2	0	29.26	-.38	52	50	-.4	S	2	bc	2	60	50	0.16	
Greencastle ...	29.26	55	S	2	0	29.21	-.12	52	50	-.2	ESE	2	bc	*	62	49	0.21	
Donaghadee ...	29.34	53	SSW	4	0	29.26	-.12	53	52	+.3	SSW	4	bc	3	56	49	0.07	
Kingstown ...	29.35	58	ENE	2	0	29.28	-.07	54	52	0	S	4	bc	4	58	51	0.10	
Holyhead ...	29.40	56	SSW	4	0	29.34	-.06	53	52	-.2	SSW	3	bc	2	62	51	0.08	
Liverpool (Bidston) ...	29.42	56	SSW	1	0	29.36	-.08	53	52	-.1	SSE	4	bc	1	63	50	0.32	
Valencia ...	29.27	56	S	5	0	29.14	-.10	56	52	+.2	SSW	5	bc	5	57	50	0.69	
Roche's Point... ..	29.34	56	SW	5	0	29.22	-.10	55	53	-.1	SSW	5	bc	5	62	52	0.15	
Pembroke ...	29.44	55	SSW	3	0	29.36	-.04	53	51	0	SSW	5	bc	4	57	51	-	
Portishead ...	29.50	54	SSW	3	0	29.44	-.05	54	52	0	SSW	4	bc	4	60	48	0.44	
Scilly ...	29.49	56	SW	5	0	29.43	-.06	54	53	-.2	SW	5	bc	5	60	52	0.11	
Plymouth ...	29.53	57	SSW	3	0	29.45	-.03	54	53	-.1	S	4	bc	*	61	53	0.07	
Hurst Castle ...	29.61	55	SW	5	pc m	29.50	-.05	55	53	0	SSW	3	bc	4	59	50	0.35	
Dover ...	29.64	55	W	3	0	29.55	-.05	53	51	-.4	SW	3	bc	3	57	51	0.03	
London ...	29.57	59	SW	3	pc	29.50	-.09	52	51	-.3	S	1	bc	*	63	51	0.01	
Oxford ...	*	*	*	*	*	29.46	-.07	53	52	0	S	1	bc	*	60	50	0.30	
Cambridge ...	29.56	57	SW	1	bc	29.46	-.10	55	53	+.1	SW	1	bc	*	65	46	0.09	
Yarmouth ...	29.58	58	S	3	0	29.53	-.06	53	52	0	S	3	bc	3	62	52	0.26	
The Helder ...	*	*	*	*	*	29.59	-.06	55	54	0	SSE	1	bc	*	*	*	0.08	
Cape Gris Nez ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Jersey ...	29.66	54	SW	4	7	29.57	-.06	52	51	-.3	SSW	4	bc	3	60	50	0.59	
Brest ...	29.65	?	SW	5	m	29.58	-.01	55	54	0	SSW	4	bc	5	59	48	0.12	
L'Orient ...	29.70	55	SW	5	m	29.63	-.05	55	54	0	W	5	bc	5	61	48	0.22	
Roche fort ...	29.69	64	SW	5	0	29.75	-.07	57	54	-.2	SSW	5	bc	4	70	54	-	
Biarritz ...	29.77	68	S	3	0	29.80	-.04	61	55	-.2	SSW	3	bc	3	75	54	-	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	29.61	-.02	54	52	-.9	E	2	bc	*	67	53	0.16	
Charleville ...	*	*	*	*	*	29.61	-.00	53	52	-.7	SSW	6	bc	*	*	*	*	
Paris ...	29.74	63	SW	5	bc	29.56	-.15	58	55	+.3	SSE	4	bc	*	*	*	0.12	
Lyons ...	*	*	*	*	*	29.88	+.06	62	*	-.2	SE	2	bc	*	*	*	*	
Toulon ...	29.84	68	W	4	0	29.87	+.03	68	59	+.7	Z	0	bc	3	70	59	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.63	56	50	SSE	2	0	3	Valencia	29.25	56	54	SSW	6	0	5
Thurso	29.46	58	54	SE	3	0	3	Scilly	29.49	60	57	SW	6	0	5
Scarborough ...	29.49	57	50	SSE	4	0	3	London	29.59	62	57	S	3	0	*
Greencastle ...	29.28	56	54	S	2	0	*	Roche fort ...	29.86	63	55	SSW	5	0	3
Holyhead	29.42	60	56	SSW	4	0	3								

No important change, except that the wind has shifted to SSW at Valencia, and the barometer has risen slightly in the SW. Signals have been lowered in the SW. this afternoon.

EXPLANATION OF COLUMNS.

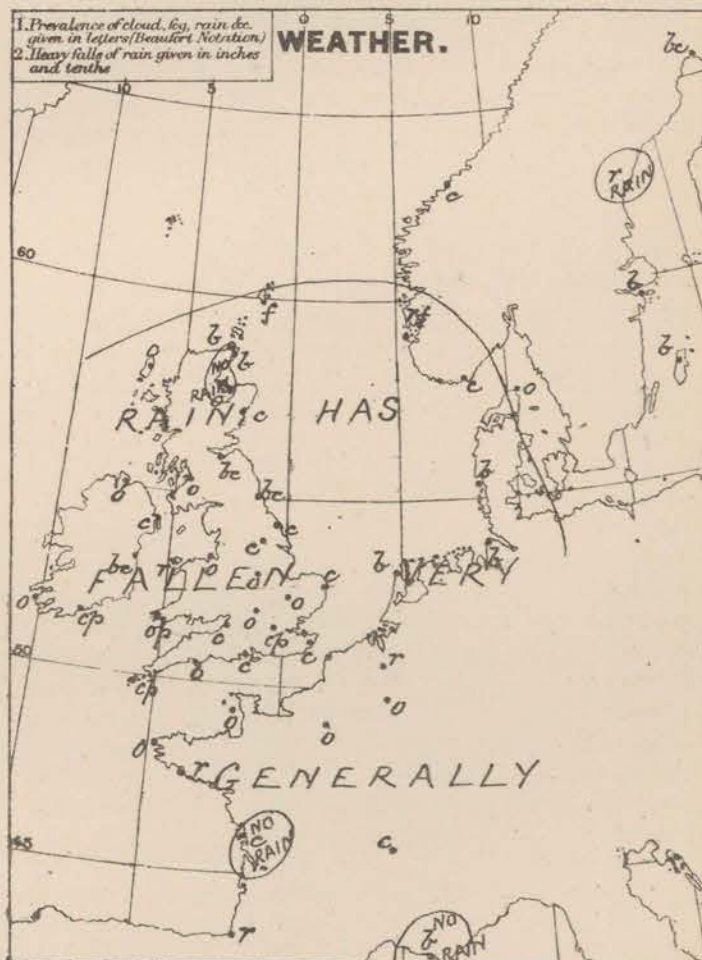
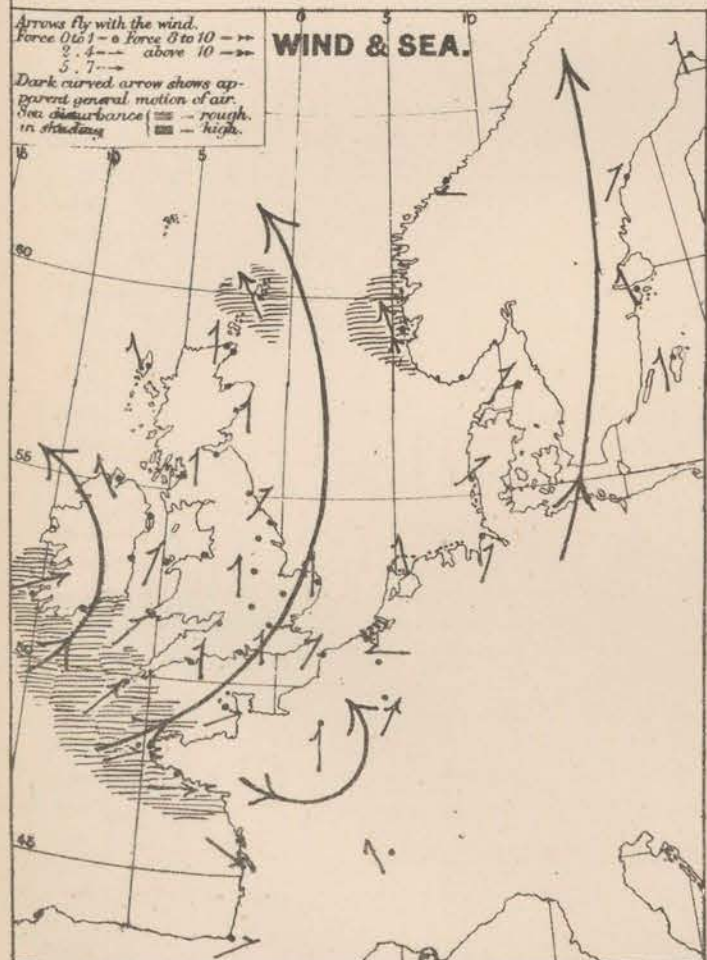
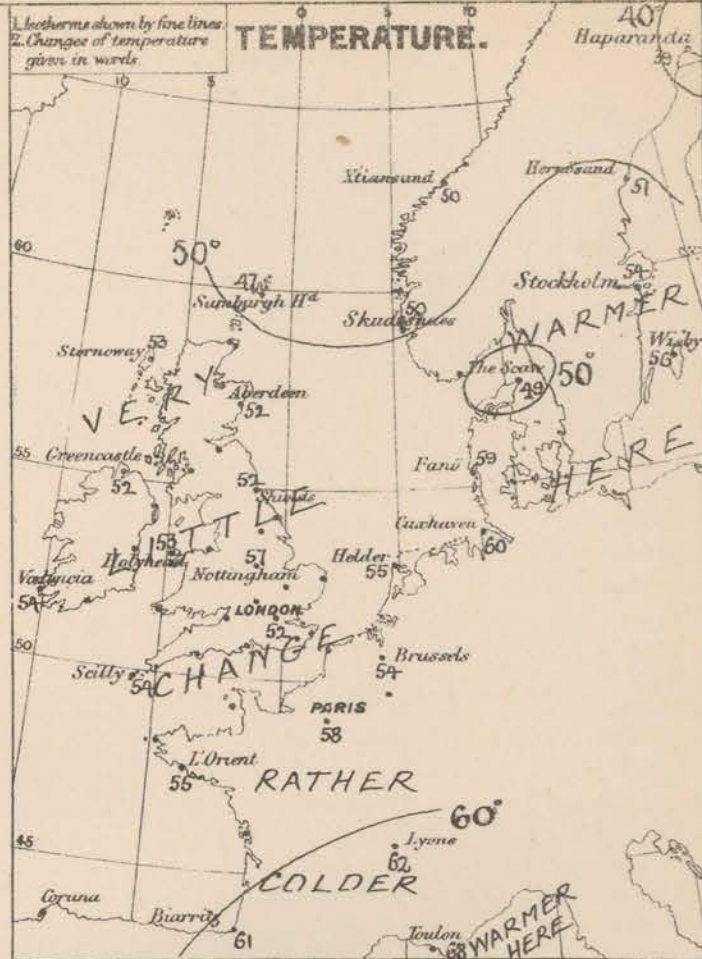
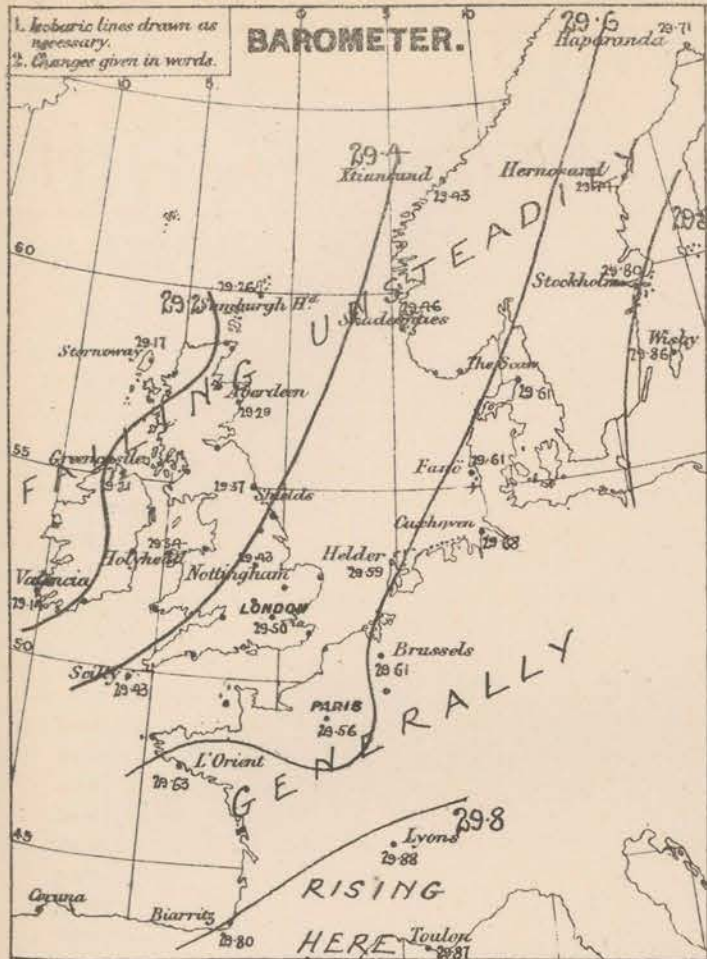
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 14 MAY 1878.



REMARKS. Weather is clear in Holland and N. Germany, generally cloudy elsewhere, with showers in many places. Rain has fallen in all parts of our Islands; the largest amounts reported are 0.7 in. at Valentia, 0.6 in. at Jersey and Patishead. 0.4 in. at Kinsal Castle, and 0.3 in. at Amford. Temperatures shows very little change over our Islands, but has risen several degrees on all the shores of the North Sea and Baltic, while it has fallen in France. Over the United Kingdom and N. France it varies from 51° to 58°, and is as high as 54° even at Stockholm. The maximum temperature recorded in England yesterday was 67° at Nottingham. Wind is rather fresh from W to SW at the Sth stations, light to moderate from E. in the E. and from SE in the extreme N and NW. of our Islands. In the Baltic it is Sth. Seas is rather rough in the Bay of Biscay, and also off the W and N. of our Islands, moderate to slight elsewhere.

Barometrical Indications. Pressure is now highest (above 29.5 in.) over Germany and the S. of France, and lowest (below 29.2 in.) to the Wth of Ireland and Scotland. The mercury has a downwards tendency generally.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

MAY 15TH

1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.76	40	SW	4	δ	29.78	+ .07	43	40	+ 4	S	2	δc	*	46	36	-	
Hernösand ...	29.68	43	S	2	δ	29.67	- .07	45	42	- 6	S	2	δ	*	*	*	-	
Stockholm ...	29.73	49	SSW	6	δc	29.71	- .09	60	55	+ 6	S	2	c	*	*	*	-	
Wisby ...	29.82	54	S	6	δ	29.76	- .10	61	55	+ 5	SSE	6	δc	*	*	*	-	
Christiansund ...	29.79	52	E	1	δc	29.45	+ .02	53	48	+ 3	E	1	δc	21	55	45	-	
Skudesnaes ...	29.48	59	SSE	7	o	29.50	+ .04	57	50	+ 1	SE	4	o	4	54	50	0.04	
Oxö (Xtiansand) ...	29.56	57	ENE	4	†	29.52	- .04	50	50	o	SSW	2	o	4	52	46	0.12	
Skagen (The Scaw) ...	29.62	57	SSW	3	†	29.58	- .03	51	51	+ 2	W	4	o	4	57	45	0.35	
Fanö ...	29.52	55	SSE	4	†	29.66	+ .05	54	53	- 5	WSW	5	c	*	61	50	0.16	
Cuxhaven ...	29.58	60	SSE	2	†	29.75	+ .07	59	56	- 1	SW	4	δ	*	66	50	0.06	
Sumburgh Head ...	29.24	50	SSE	4	δ	29.26	.00	49	48	+ 2	SSE	4	δc	5	53	44	-	
Stornoway ...	29.13	54	W	0	†	29.13	- .04	54	52	+ 1	S	3	δc	3	57	48	0.21	
Thurso ...	29.18	53	W	0	δc	29.20	- .01	55	52	- 2	S	2	c	4	63	47	0.39	
Wick ...	29.19	57	SSW	1	δc	29.22	- .01	54	51	+ 3	SSW	1	δ	0	63	48	-	
Nairn ...	29.18	58	ESE	2	c	29.19	- .04	58	52	+ 3	ESE	1	CV	0	61	49	0.02	
Aberdeen ...	29.25	54	S	3	δ	29.26	- .03	53	50	+ 1	S	5	δ	1	59	48	-	
Leith ...	29.22	58	E	3	c	29.25	- .01	57	52	+ 2	E	1	δc	*	64	50	0.02	
Shields ...	29.31	59	S	1	c	29.36	- .01	54	51	+ 2	SSW	4	o	2	59	49	0.01	
Scarborough ...	29.37	50	SSE	2	c	29.41	.00	54	51	- 1	S	3	o	3	59	50	0.55	
York ...	29.41	57	S	2	δ	29.39	- .02	53	51	- 2	S	2	†	*	60	49	0.40	
Nottingham ...	29.43	57	SW	6	o	29.36	- .07	51	49	- 6	SSE	7	†	*	66	43	0.10	
Ardrossan ...	29.17	55	S	3	c	29.19	- .07	55	52	+ 3	S	3	o	3	60	52	0.03	
Greencastle ...	29.03	56	SSW	1	c	29.05	- .16	52	50	o	SE	2	†	*	60	49	0.27	
Donaghadee ...	29.18	54	SSW	5	†	29.15	- .11	49	49	- 4	SSE	4	†	3	58	49	0.09	
Kingstown ...	29.24	53	SSW	1	c	29.10	- .18	52	51	- 2	SSE	4	o	4	59	50	0.40	
Holyhead ...	29.31	55	SSW	5	δc	29.16	- .18	52	51	- 1	S	4	†	3	59	50	0.12	
Liverpool (Bidston) ...	29.35	57	SW	c	†	29.24	- .12	57	51	- 2	ESE	5	†	2	61	50	0.21	
Valencia ...	29.20	55	SSW	6	o	29.01	- .13	54	52	o	WSW	4	o	4	58	49	0.36	
Roche's Point...	29.27	57	SW	6	c	28.98	- .24	53	51	- 2	WSW	6	pg	5	61	52	0.26	
Pembroke ...	29.39	54	SSW	5	c	29.19	- .17	53	51	o	S	6	c	5	57	49	0.37	
Portishead ...	29.48	54	SW	5	†	29.34	- .10	53	51	- 1	S	5	o	5	59	49	0.45	
Scilly ...	29.49	56	SW	6	o	29.23	- .20	56	55	+ 2	WSW	6	o	6	60	52	0.28	
Plymouth ...	29.52	58	SW	4	o	29.34	- .11	55	53	+ 1	S	6	ogp	*	61	52	0.34	
Hurst Castle ...	29.56	56	SW	5	δc	29.47	- .03	56	53	+ 1	SSW	6	o	6	58	51	0.11	
Dover ...	29.58	54	SW	4	δ	29.60	+ .05	52	51	- 1	S	5	c	4	57	51	0.04	
London ...	29.53	60	SW	5	δc	29.50	.00	53	50	+ 1	SSW	6	ogd	*	63	52	0.06	
Oxford ...	*	*	*	*	*	29.42	- .04	52	52	- 1	S	3	†	*	60	50	0.68	
Cambridge ...	29.46	55	SW	2	o	29.46	.00	54	52	- 1	SW	2	o	*	65	48	0.06	
Yarmouth ...	29.50	57	WSW	3	c	29.57	+ .04	53	52	o	S	4	op	3	59	50	0.18	
The Helder ...	*	*	*	*	*	29.68	+ .09	57	54	+ 2	SSW	2	δ	*	*	*	0.12	
Cape Gris Nez ...																		
Jersey ...	29.67	55	WSW	4	m	29.56	- .01	55	54	+ 3	SSW	6	c	6	58	50	0.42	
Brest ...	29.67	?	WSW	4	m	29.51	- .07	55	55	o	SW	6	m	6	57	52	0.16	
L'Orient ...	29.73	57	WSW	5	m	29.62	- .01	57	55	+ 2	WSW	6	m	6	61	50	0.20	
Roche fort ...	29.88	64	WSW	5	δ	29.81	+ .06	61	59	+ 4	S	4	o	3	66	52	-	
Biarritz ...	29.91	66	Z	0	δc	29.88	+ .08	68	59	+ 7	SSW	3	o	3	70	55	0.04	
Corunna ...	*	*	*	*	*	29.84	- .01	61	*	+ 1	SW	?	c	5	*	*	*	
Brussels ...	*	*	*	*	*	29.76	+ .15	57	53	+ 3	SSW	6	o	*	63	51	0.04	
Charleville ...	*	*	*	*	*	29.76	+ .15	57	*	+ 4	S	3	c	*	*	*	*	
Paris ...	29.73	62	SW	4	δ	29.80	+ .24	54	51	- 4	SSE	4	o	*	*	*	0.04	
Lyons ...	*	*	*	*	*	30.00	+ .12	61	*	- 1	E	2	δ	*	*	*	*	
Toulon ...																		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.46	54	57	SSE	8	o	5	Valencia	29.22	58	54	SW	7	c	6
Thurso	29.19	55	52	Z	o	c	3	Scilly	29.49	59	56	SW	6	c	6
Scarborough ...	29.38	50	50	SSE	3	†	3	London	29.50	62	57	SSW	3	cp.	*
Greencastle ...	29.44	56	52	SE	2	o	*	Roche fort ...	29.84	61	59	WSW	5	o	4
Holyhead	29.31	56	54	SSW	4	m	3								

The barometer has begun to rise on our SW. coasts, but has continued ^{to fall} in the NW. and N. The wind has become strong from SW. at Valentia and Scilly with a rough sea, and is freshening in the S. generally.

EXPLANATION OF COLUMNS.

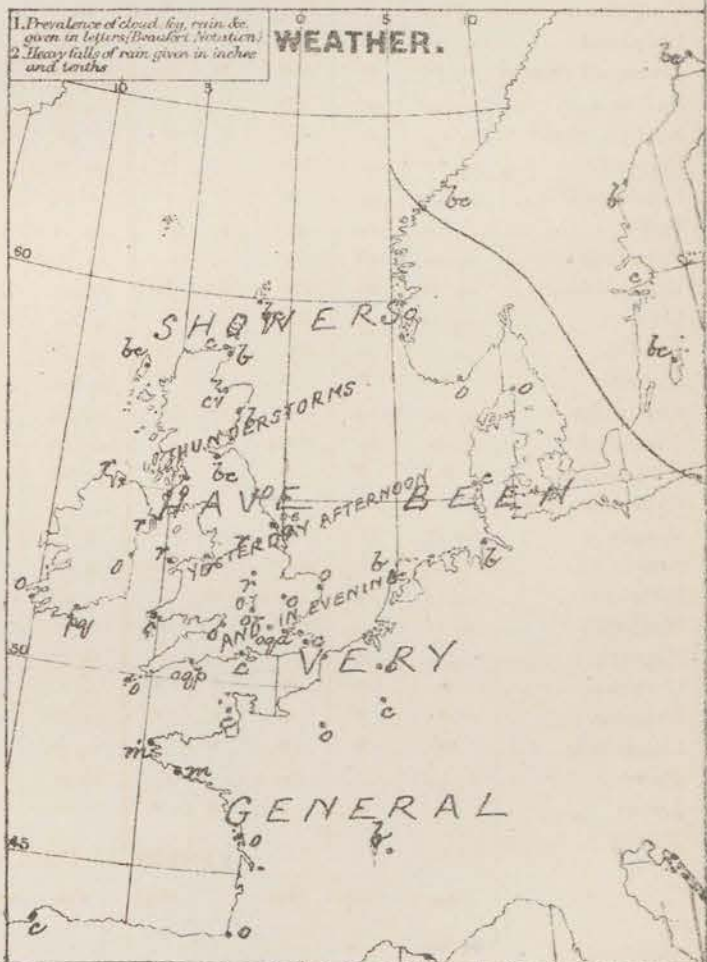
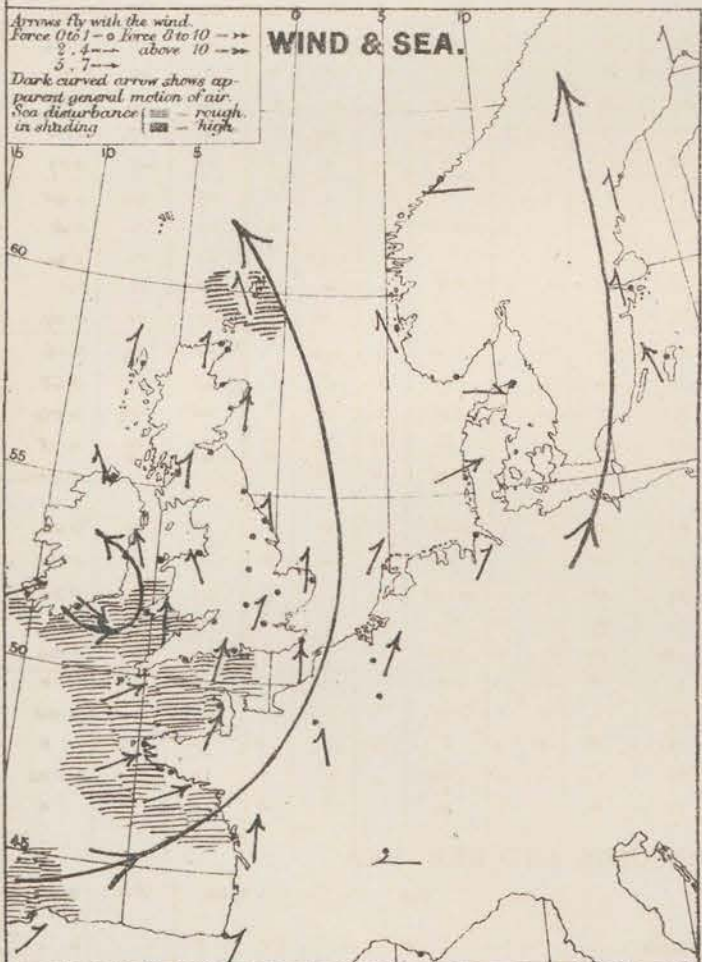
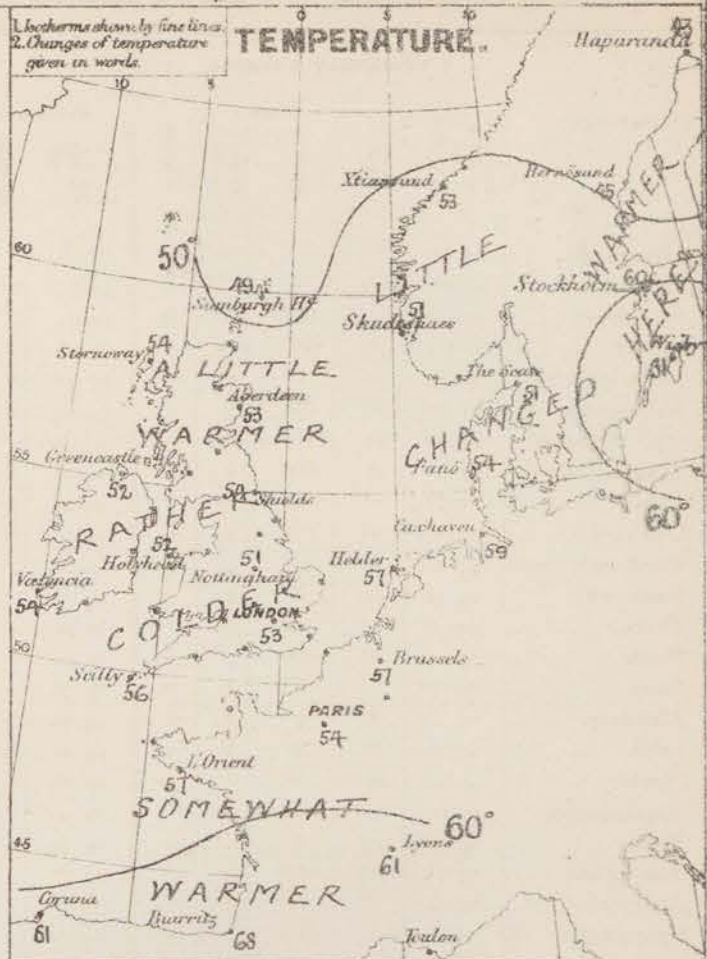
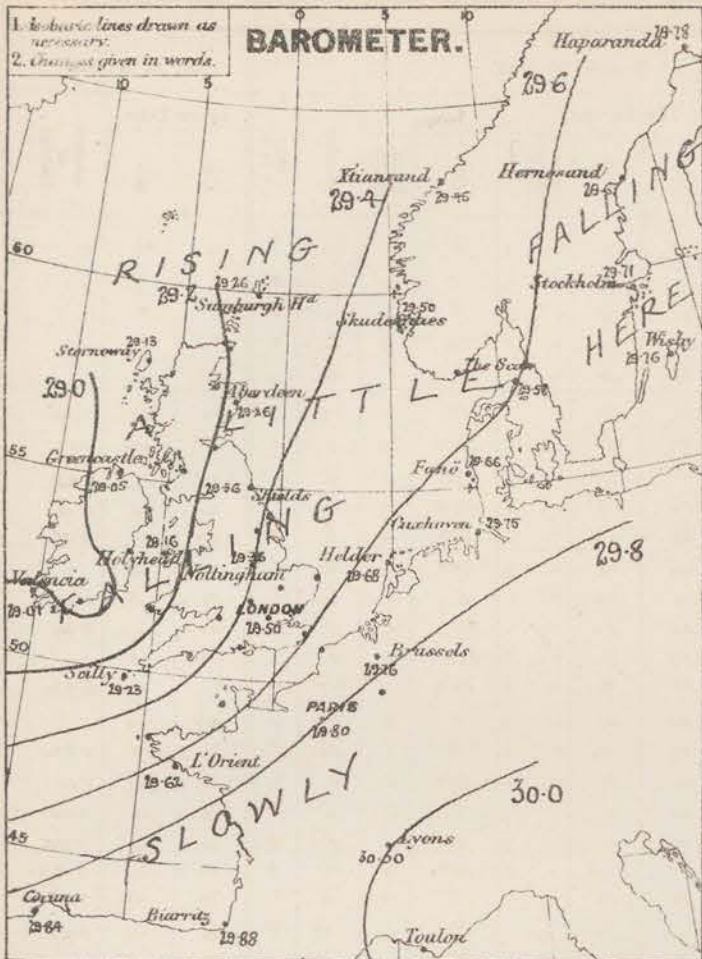
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS *for 8 a.m. on Wednesday 15. MAY. 1878.*



REMARKS. Weather is at present fine in the north, dull, equally and showery elsewhere. A solar halo is reported at Brussels this morning. Rain has fallen in almost all parts of the United Kingdom and France, but the amounts reported vary greatly, from 0.7 in. at Oxford to only a hundredth or two in several other places. Thunderstorms have occurred in the NE^o and E^o parts of England. Temperature has changed very little except in the E. of France, where it has risen, and is as high as 68° at Biarritz. Winds is strong from S and SW on our W^o and N^o coasts, but is moderate from S in the E, and light at the N^o stations. Sea is rough in the SW and S. moderate or slight elsewhere.

Barometrical Indications. - The readings of the barometer this morning vary from about 30 ins. in the S. of H. to 29 ins. over Ireland. Gradients for S. and W. winds are consequently rather steep. A large depression lies over the Atlantic off our extreme W. coast, and a small secondary is near Waterford.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

MAY 16TH

1878.

STATIONS.	† 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.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).	Max.			Min.			
Haparanda ...	29.73	42	S	2	0	29.74	- .04	44	43	+	1	S	2	0	*	34	36	0.08	
Hernösand ...	29.63	43	X	0	f	29.73	+ .06	52	50	+	7	N 1/4 N	2	0	*	*	*	0.16	
Stockholm ...	29.77	55	SW	2	b	29.84	+ .13	61	54	+	1	S	2	c	*	*	*	-	
Wisby ...	29.81	53	SW	4	b	29.86	+ .10	62	53	+	1	S	6	c	*	*	*	-	
Christiansund ...	29.57	?	N	1	bc	29.43	- .02	?	?	?	?	E	2	0	3	59	41	-	
Skudesnaes ...	29.49	57	SE	6	f	29.55	+ .05	53	51	+	2	S	6	of	5	?	?	0.20	
Oxö (Klansand) ...	29.66	57	SE	4	f	29.63	+ .11	57	50	+	1	S	3	0	3	54	48	0.20	
Skagen (The Seaw) ...	29.73	57	S	2	f	29.72	+ .14	57	50	0	0	SSW	4	0	3	64	45	0.24	
Fanö ...	29.68	58	S	6	c	29.71	+ .05	59	55	+	5	S	4	c	*	63	52	-	
Cuxhaven ...	29.77	?	SSW	2	c	29.75	.00	56	55	-	3	SSW	2	f	*	66	50	0.06	
Sumburgh Head ...	29.28	49	SSE	5	m	29.25	- .01	50	49	+	1	N	5	f	6	54	46	0.06	
Stornoway ...	29.08	55	N	1	0	29.32	+ .19	53	48	-	1	N	6	bc	4	57	47	0.08	
Thurso ...	29.18	52	SE	3	0	29.33	+ .13	55	51	0	0	WSW	2	c	4	63	49	0.07	
Wick ...	29.16	48	SE	4	f	29.35	+ .13	54	51	0	0	WSW	1	bc	0	60	47	0.18	
Nairn ...	29.13	55	Z	0	f	29.38	+ .19	54	50	-	4	SW	2	bc	1	64	48	0.09	
Aberdeen ...	29.17	50	S	4	c	29.40	+ .14	55	52	+	2	WSW	2	0	2	57	47	0.04	
Leith ...	29.13	58	SW	3	bc	29.46	+ .21	54	51	-	3	WSW	3	bc	*	59	50	0.05	
Shields ...	29.23	56	S	2	0	29.54	+ .18	57	52	+	3	N	3	c	2	60	45	0.05	
Scarborough ...	29.31	56	SW	2	bc	29.63	+ .22	58	53	+	4	WSW	2	c	2	61	49	0.22	
York ...	29.32	58	SW	3	bc	29.63	+ .24	55	51	+	2	SW	3	bc	*	63	47	0.12	
Nottingham ...	29.40	58	SSW	6	bc	29.72	+ .36	57	52	+	6	SW	3	c	*	65	48	0.03	
Ardrossan ...	29.13	53	WSW	3	f	29.48	+ .29	57	48	-	4	SW	4	0	4	56	50	0.27	
Greencastle ...	29.12	53	SW	1	0	29.42	+ .37	49	46	-	3	SW	2	0	*	59	45	0.36	
Donaghadee ...	29.21	57	WSW	4	bc	29.56	+ .41	53	51	+	4	WSW	4	0	3	57	45	0.21	
Kingstown ...	29.24	59	WSW	3	bc	29.60	+ .50	52	47	0	0	SW	2	bc	3	62	49	0.04	
Holyhead ...	29.32	54	SSW	5	c	29.63	+ .47	52	50	0	0	SW	4	0	3	60	50	0.02	
Liverpool (Bidston) ...	29.33	56	SW	6	0	29.65	+ .41	56	52	+	5	SW	2	0	1	60	50	0.13	
Valencia ...	29.30	56	WSW	5	bc	29.42	+ .41	54	52	0	0	SE	6	0	6	58	50	0.13	
Roche's Point ...	29.37	55	WSW	5	bc	29.55	+ .57	54	52	+	1	S	5	0	5	60	40	0.58	
Pembroke ...	29.42	54	SSW	5	0	29.68	+ .49	54	52	+	1	SSW	3	bc	4	56	50	-	
Portishead ...	29.46	53	SW	3	0	29.75	+ .41	55	52	+	2	SW	4	c	4	60	49	0.25	
Scilly ...	29.57	57	WSW	6	bc	29.70	+ .47	55	54	-	1	S	6	0	6	59	53	-	
Plymouth ...	29.53	57	SW	4	0	29.77	+ .43	56	54	+	1	S	4	0	*	61	53	0.04	
Hurst Castle ...	29.56	56	SW	5	bc	29.83	+ .36	55	54	-	1	WSW	4	c	6	59	52	0.03	
Dover ...	29.61	54	WSW	2	bc	?	?	54	53	+	2	WSW	4	c	4	56	52	0.07	
London ...	29.54	60	SSW	5	bc	29.81	+ .31	57	54	+	4	SW	3	c	*	63	49	0.10	
Oxford ...	*	*	*	*	*	29.79	+ .37	57	54	+	5	SW	3	bc	*	58	49	0.15	
Cambridge ...	29.57	54	SW	2	bc	29.78	+ .32	57	54	+	3	SW	2	cq	*	64	47	0.07	
Yarmouth ...	29.50	60	SW	6	bc	29.77	+ .20	58	53	+	5	WSW	4	0	2	62	57	0.07	
The Helder ...	*	*	*	*	*	29.75	+ .07	54	53	-	3	SW	2	0	*	*	*	0.32	
Cape Gris Nez ...	29.63	55	SSW	6	bc	29.90		54	52			SW	5	0	4	61	50	0.43	
Jersey ...	29.64	53	SW	4	f	29.94	+ .38	55	53	0	0	SW	5	om	4	60	50	0.12	
Brest ...	29.65	?	N	5	m	29.88	+ .37	55	54	0	0	SSW	4	m	5	59	50	0.16	
L'Orient ...	29.64	55	SW	6	m	29.99	+ .37	65	54	-	2	SW	4	m	5	61	50	0.20	
Rochefort ...	29.85	64	NN	7	f	30.07	+ .26	59	55	-	2	SW	4	bc	3	?	52	0.12	
Biarritz ...	? 29.89	68	WSW	4	0	30.10	+ .22	63	59	-	5	E	3	bc	4	75	54	-	
Corunna ...	*	*	*	*	*											*	*	*	
Brussels ...	*	*	*	*	*	29.91	+ .15	56	52	-	1	SW	6	c	*	62	54	0.20	
Charleville ...	*	*	*	*	*	29.92	+ .16	54	*	-	3	SSW	3	0	*	*	*	*	
Paris ...	29.77	61	S	4	0	30.02	+ .22	61	52	+	7	SW	4	bc	*	*	*	0.32	
Lyons ...	*	*	*	*	*	30.17	+ .17	64	*	+	3	SE	2	c	*	*	*	*	
Toulon ...	30.04	59	E	4	m	30.12		59	57			E	4	m	3	68	55	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.34	52	50	SSE	8	g	Valencia	29.21	56	53	SW	7	cq	6
Thurso	29.19	62	55	SSE	4	bc	Scilly	29.44	59	56	WSW	7	c	6
Scarborough ...	29.28	61	55	S	4	c	London	29.49	61	56	SSW	6	cg	4
Greencastle ...	29.03	56	53	S	1	o	Rochefort ...	29.84	64	59	SSW	4	o	3
Holyhead	29.19	54	53	SSW	5	f								

Pressure is increasing briskly in the S.W. and slightly at Holyhead and Thurso, but is decreasing elsewhere. The wind is blowing a moderate gale in the Channel.

Warnings. Our N. and S.W. coasts have been warned this afternoon.

EXPLANATION OF COLUMNS.

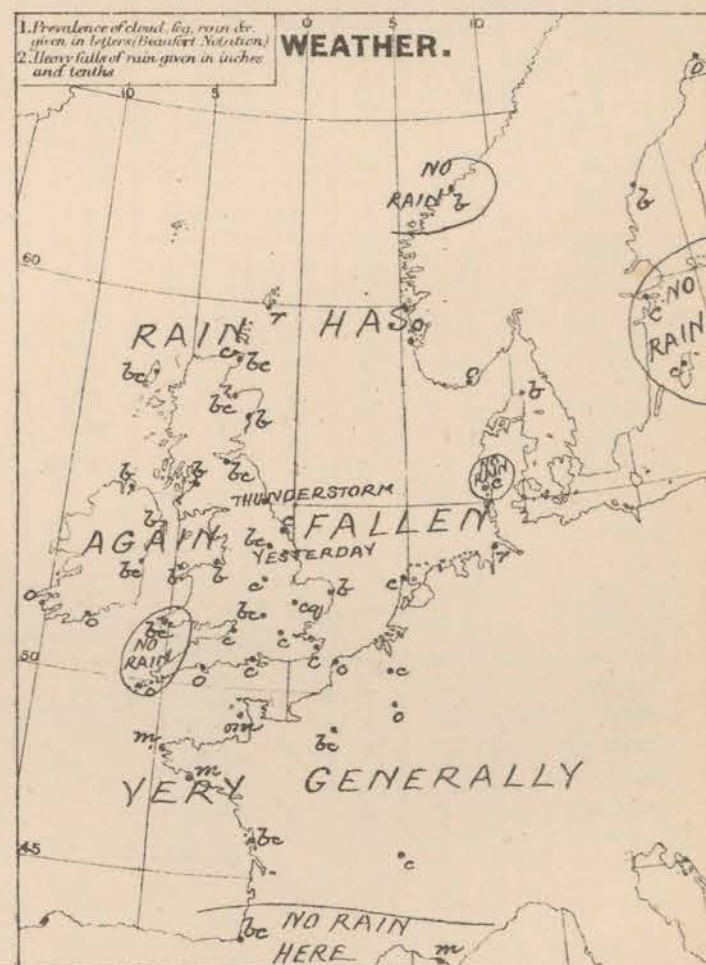
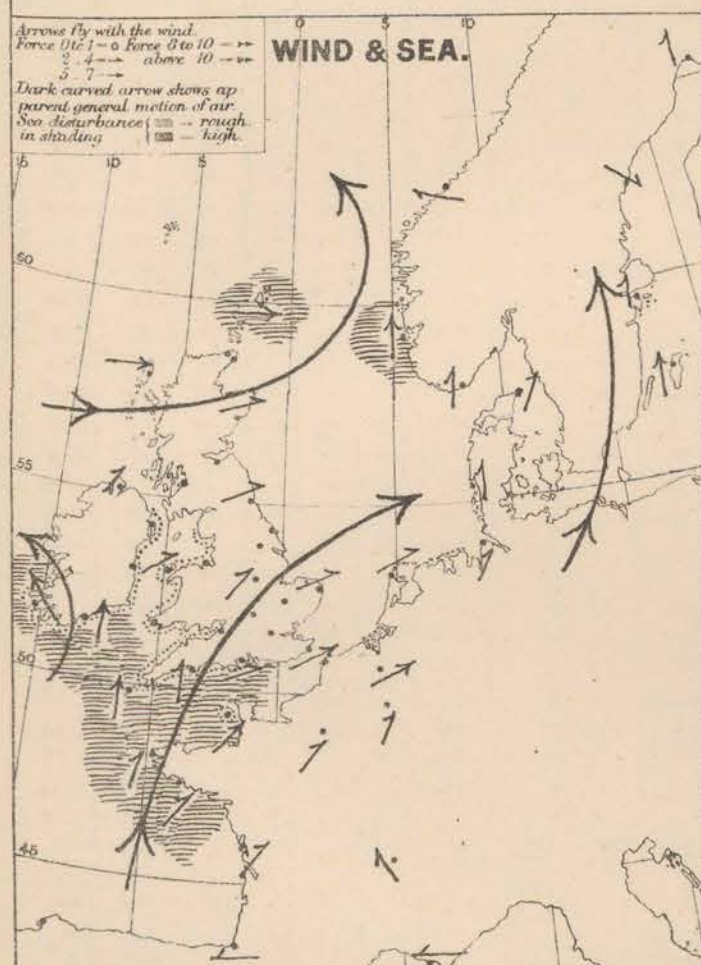
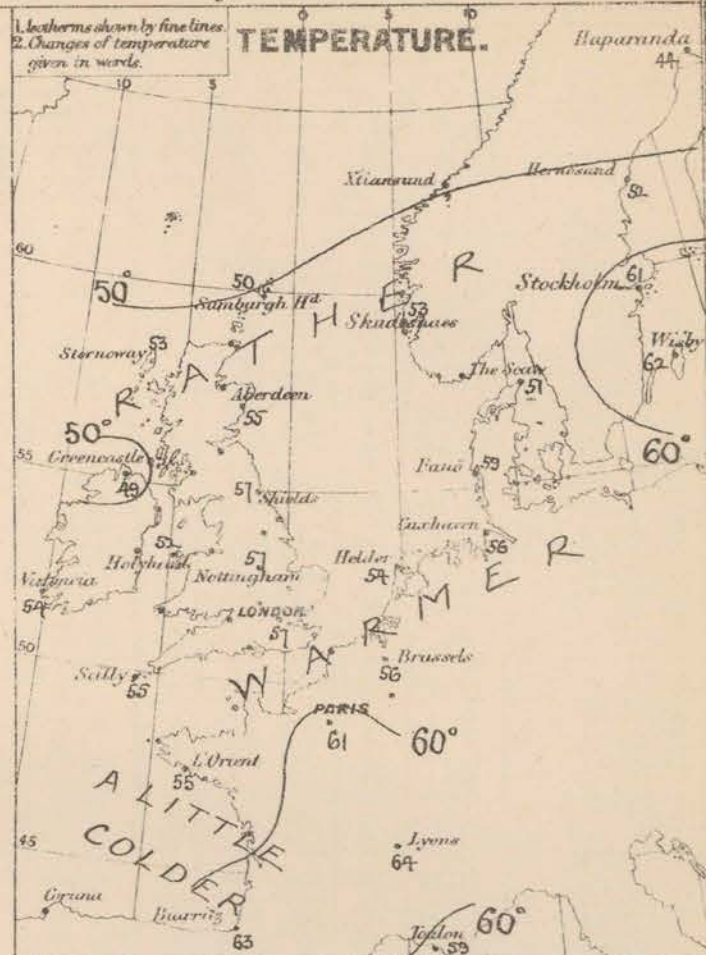
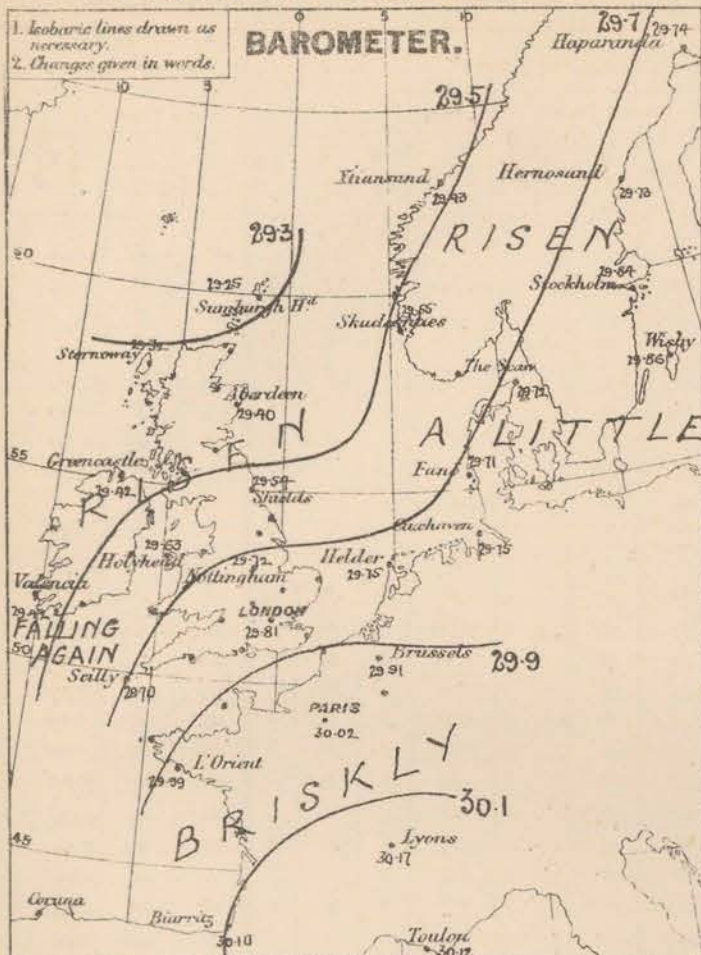
WEATHER.—Beaufort Scale is, b. blue sky; a. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Thursday 16 MAY 1878.



REMARKS. Weather has become very unsettled in all parts of our Islands, and the sky after clearing a little very generally, has become overcast again in the PM, and clouds are rising in the S. also. Rain fell in all parts of the United Kingdom yesterday, but the amounts reported are not large. Thunderstorms again occurred in the NE of England. Temperature has not changed much, and varies from 54° to 58° in all parts of our Islands. The highest readings reported yesterday varied from 60° to 64° over the inland parts of England and Scotland. Wind is moderate from W over nearly the whole of our Islands and France, but has backed to S and SE on our W. coasts this morning, and is increasing quickly in force. A fresh S. gale was felt over the S. and central counties of England yesterday morning, but this soon subsided, and the wind veered. Sea is rough and rising in the PM. Barometrical indications. The depressions noticed in the W. yesterday moved away to the NE. during the day, and the barometer rose quickly. A fresh fall has set in, however, on our W. coasts during the night, and a new depression is advancing towards Ireland from the Atlantic.

Warnings. The South Cove was hoisted on all our W. and SW coasts yesterday.

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

R. H. SCOTT.

Secretary

DAILY WEATHER REPORT

MAY 17th

1878.

STATIONS.	↑ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 13.)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 13.)			Max.	Min.			
Haparanda ...	29.86	39	S	2	o	29.86	+ .12	47	45	+	3	S	2	o	*	?	36	-	
Hernösand ...	29.78	40	SSW	2	c	29.66	- .07	41	41	-	11	Z	o	g	*	*	*	0.35	
Stockholm ...	29.73	53	SSE	6	o	29.81	.00	64	50	-	7	WSW	6	o	*	*	*	0.04	
Wisby ...	29.90	55	SSE	8	b	29.92	+ .06	53	49	-	9	WSW	8	b	*	*	*	-	
Christiansund ...	29.62	52	WSW	2	o	29.56	+ .13	?	?	?	?	ESE	1	b	2	64	46	-	
Skudesnaes ...	29.71	49	SSE	4	g	29.56	+ .01	50	49	-	3	SSE	8	g	5	54	48	0.20	
Oxö (Xtiansand) ...	29.79	49	WSW	4	g	29.70	+ .07	51	50	o	0	SSE	6	g	4	52	46	-	
Skagen (The Scaw) ...	29.83	49	W	3	c	29.81	+ .09	50	49	-	1	SW	5	g	4	57	45	0.16	
Fanö ...	29.93	51	WSW	4	b	29.86	+ .15	55	50	-	4	SW	6	o	*	59	50	0.47	
Cuxhaven ...	30.07	60	WSW	4	c	29.99	+ .24	59	57	+	3	SSW	3	o	*	?	50	0.11	
Sumburgh Head ...	29.49	50	SSW	2	b	29.24	- .01	52	50	+	2	SSW	4	c	5	55	47	0.06	
Stornoway ...	29.38	54	SSE	3	c	29.10	- .22	53	52	o	0	SW	6	o	4	57	45	0.28	
Thurso ...	29.45	55	ESE	2	c	29.19	- .14	56	53	+	1	S	4	c	3	61	49	0.14	
Wick ...	?	56	S	4	o	29.21	- .14	55	52	+	1	WSW	3	b	1	62	47	0.15	
Nairn ...	29.45	59	SW	1	c	29.23	- .15	59	58	+	5	SW	2	b	1	63	47	0.05	
Aberdeen ...	29.51	54	S	4	c	29.33	- .07	50	48	-	5	S	2	o	2	64	48	0.22	
Leith ...	29.47	57	SSE	2	o	29.37	- .09	56	53	+	2	SW	5	b	*	63	51	0.06	
Shields ...	29.58	57	S	3	g	29.54	.00	56	54	-	1	SW	5	o	2	62	53	0.07	
Scarborough ...	29.66	56	S	3	g	29.62	- .01	56	54	-	2	SW	4	g	3	63	55	0.07	
York ...	29.64	55	SSE	3	g	29.65	+ .02	54	53	-	1	SW	2	g	*	64	53	0.25	
Nottingham ...	29.66	55	S	6	g	29.69	- .03	58	55	-	2	WSW	3	g	*	66	53	0.21	
Ardrossan ...	29.38	53	ESE	3	th	29.36	- .12	54	51	+	3	SSW	6	o	6	57	51	0.19	
Greencastle ...	29.23	53	SE	3	o	29.26	- .16	52	53	+	5	SW	3	g	*	59	49	0.16	
Donaghadee ...	29.33	53	S	6	b	29.43	- .13	56	53	+	3	SW	8	c	6	56	49	0.31	
Kingstown ...	29.38	61	S	5	b	29.54	- .16	58	52	+	6	WSW	6	b	6	61	51	0.13	
Holyhead ...	29.47	55	SSW	6	m	29.61	- .02	55	52	+	3	SSW	6	b	4	59	51	0.15	
Liverpool (Bidston) ...	29.53	55	SSE	4	o	29.62	- .03	55	53	-	1	SW	3	b	3	62	53	0.07	
Valencia ...	29.26	56	SSW	8	cm	29.63	+ .21	55	52	+	1	SW	+	c	5	58	51	0.44	
Roche's Point... ..	29.43	57	SSW	6	g	29.67	+ .12	55	52	+	1	WSW	4	b	4	62	48	0.75	
Pembroke ...	29.55	53	SSW	6	o	29.73	+ .05	53	52	-	1	SW	5	c	5	55	50	0.28	
Portishead ...	29.66	56	S	5	g	29.78	+ .03	55	52	o	0	SSW	5	o	5	61	52	0.83	
Scilly ...	29.63	57	SW	7	o	29.82	+ .14	58	56	+	3	SW	6	o	7	58	53	0.32	
Plymouth ...	29.70	55	S	5	o	29.86	+ .09	55	55	-	1	SW	4	o	*	58	54	0.66	
Hurst Castle ...	29.79	57	SSW	7	m	29.88	+ .05	57	57	+	2	SW	7	m	8	58	53	0.80	
Dover ...	29.93	57	WSW	4	o	29.93	?	56	54	+	2	SW	6	o	5	58	54	0.03	
London ...	29.83	57	S	4	g	29.85	+ .04	61	59	+	4	SW	7	g	*	62	55	0.05	
Oxford ...	*	*	*	*	*	29.79	.00	59	57	+	2	SW	6	o	*	62	54	0.38	
Cambridge ...	29.76	55	SW	2	o	29.81	+ .03	60	58	+	3	SW	2	o	*	65	54	0.13	
Yarmouth ...	29.86	57	S	5	o	29.81	+ .04	62	59	+	4	SW	6	g	44	63	54	0.03	
The Helder ...	*	*	*	*	*	29.90	+ .15	60	58	+	6	SSW	4	o	*	*	*	0.04	
Cape Gris Nez ...	29.93	?	SW	5	m	?	?	59	57	+	5	?	6	c	5	59	?	0.04	
Jersey ...	29.92	56	SSW	6	o	30.04	+ .10	58	56	+	3	SW	6	cm	5	58	54	0.01	
Brest ...	29.88	59	SSW	5	m	30.02	+ .14	57	55	+	2	SW	5	m	6	57	54	0.24	
L'Orient ...	30.01	57	SW	6	m	30.09	+ .10	57	57	+	2	SW	4	m	5	61	52	0.47	
Rochefort ...	30.09	66	S	2	o	30.12	+ .05	64	61	+	5	SSE	2	o	3	70	52	-	
Biarritz ...	30.11	70	ENE	2	b	30.13	+ .03	72	64	+	9	ENE	1	b	3	77	59	-	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	30.06	+ .15	65	58	+	9	SW	6	b	*	?	?	-	
Charleville ...	*	*	*	*	*	? 30.12	+ .20	62	*	+	8	SSE	3	o	*	*	*	*	
Paris ...	30.08	63	S	4	o	30.16	+ .14	64	61	+	3	SSW	3	c	*	*	*	*	
Lyons ...	*	*	*	*	*	30.39	+ .22	65	*	+	1	SE	2	b	*	*	*	*	
Toulon ...	30.12	66	W	4	m	30.23	+ .11	59	59	o	0	E	4	m	3	72	57	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.67	54	51	SSE	6	g	Valencia ...	29.29	57	54	SSW	8	cp	7
Thurso	29.47	57	50	NW	1	e	Scilly	29.63	57	56	SW	7	o	6
Scarborough ...	29.71	62	52	SSW	2	o	London	29.88	62	57	S	5	o	4
Greencastle ...	29.43	56	49	SE	2	o	Rocheport ...	30.12	68	61	SSW	1	c	3
Holyhead	29.57	56	54	S	4	d								

A depression is approaching the N. of Ireland from the SW. Moderate to fresh SSE to SW gales are blowing on our SW coasts with a high sea and strong S.E. wind in the Channel.

Warnings:— were extended to our SE, and E. coasts this morning.

EXPLANATION OF COLUMNS.

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

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

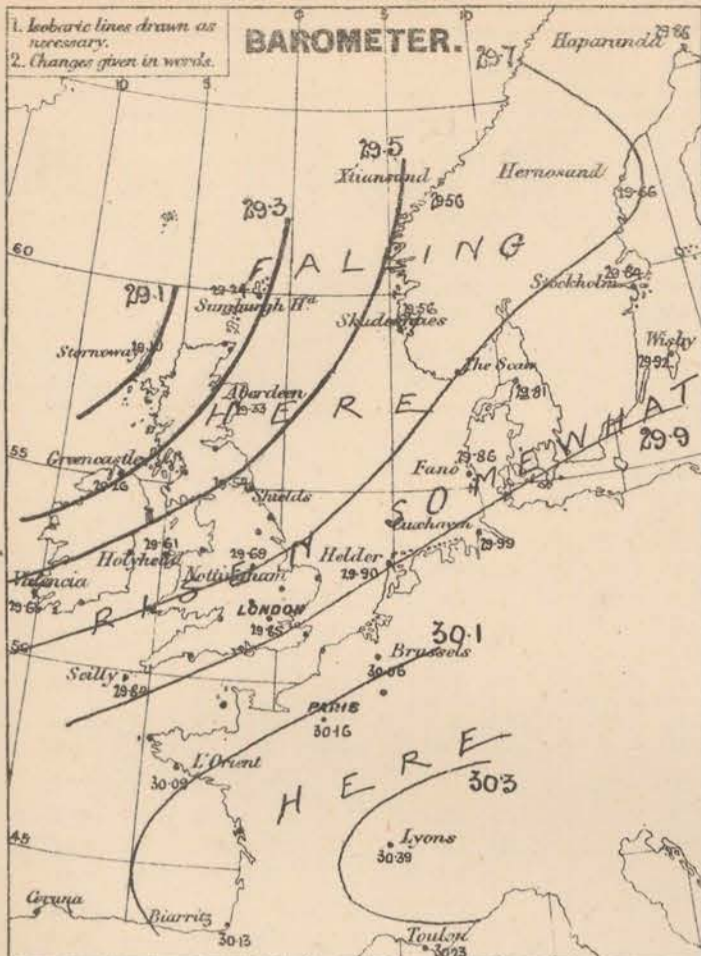
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Fri-day 17 MAY 1878.

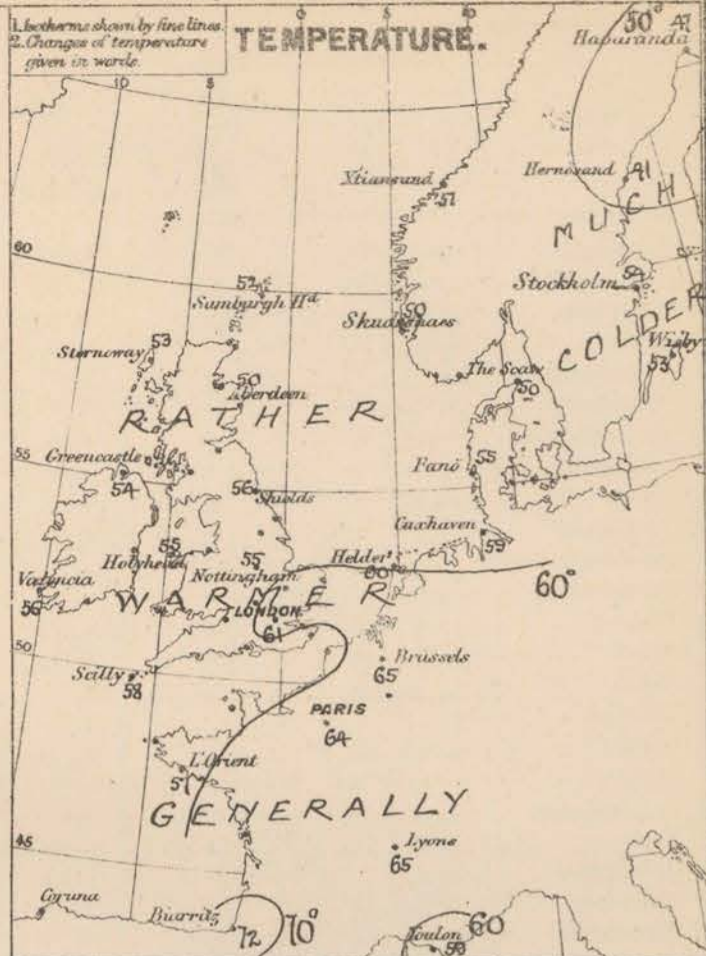
1. Isobars lines drawn as necessary.
2. Changes given in words.

BAROMETER.



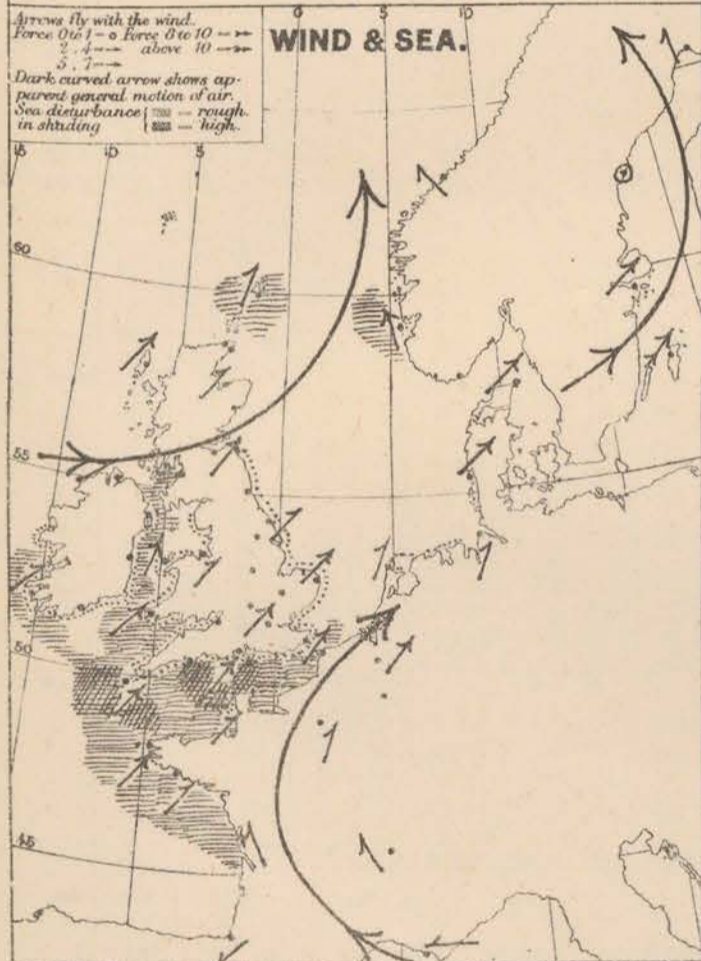
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



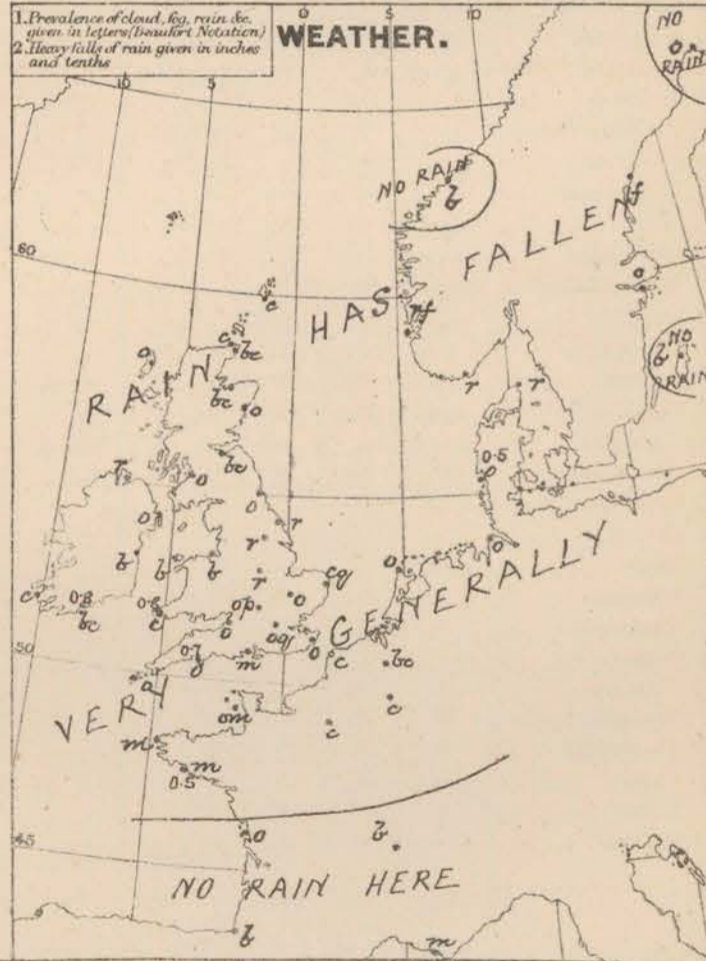
1. Arrows fly with the wind.
2. Force 0 to 10 ———
3. 2, 4 ——— above 10 ———
4. 5, 7 ———
5. Dark curved arrow shows apparent general motion of air.
6. Sea disturbance: rough in shading, high in hatching.

WIND & SEA.



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

WEATHER.



Note: A dotted line is drawn round the coast where the signal is still up.

REMARKS. Weather is very equally and unsettled over the whole of the United Kingdom and North Sea, but is fine in France. The sky is overcast except on our W. coast, and rain is falling in several places. In Wales, however, and several parts of Ireland the sky has cleared. Rain has fallen everywhere, heavily at our W. stations. Temperature has risen in the British Isles and France, and is as high as 61° in London and 64° at Paris. The maximum values yesterday were as high as 66° at Nottingham, 65° at Cambridge, and 64° at York and Aberdeen, 62° in 63° in most other parts of England, but 50° at Rochefort, and 57° at Biarritz. Wind blows strong equally heavy or moderate gale from W. over Ireland and England, the evening, the force increasing to a fresh gale during the night in several places. At the mouth of the Channel, a heavy S.W. gale was experienced early this morning. Sea is high in the Channel, rough in the W. and N. moderate along our E. coast.

Barometrical Indications. Pressure is high (near 30.4 ins.) over the S. and S.E. of France. The centre of a very extensive depression lies off the NW. coast of Scotland, and rather steep gradients (0.10 in. per 60 nautical miles) prevail over the United Kingdom. **Warnings.** Over W. and SW. coasts, wind warmed on Wednesday, our SE and E coasts yesterday.

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

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

R. H. SCOTT,
Secretary.

DAILY WEATHER REPORT

MAY 18th

1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 825 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 12).		Reading at 825 P. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.65	46	Z	0	f	29.84	- .32	46	41	- 1	S	2	o	*	54	37	0.28	
Hernösand ...	29.59	42	S	2	bc	29.47	- .19	53	50	+ 12	W N W	2	bc	*	*	*	0.04	
Stockholm ...	29.65	51	SSW	4	f	29.67	- .17	53	49	- 1	W S W	6	o	*	*	*	0.08	
Wibby ...	29.84	53	SSW	8	o	29.86	- .06	54	51	+ 1	W S W	9	o	*	*	*	0.08	
Christiansund ...	29.44	53	SE	1	bc	29.56	0.00	50	49	?	W S W	4	o	3	63	45	-	
Skudesnaes ...	29.60	50	SSW	6	o	29.86	+ .30	50	48	0	SSW	6	of	4	?	50	-	
Oxö (Xianhead) ...	29.71	50	SSW	6	f	29.86	+ .16	51	49	0	SSW	5	o	4	?	48	-	
Skagen (The Saaw) ...	29.79	50	W S W	4	o	29.92	+ .11	53	50	+ 3	W	6	o	6	55	46	0.20	
Fanö ...	29.99	53	W S W	6	o	30.04	+ .18	60	56	+ 5	W S W	4	o	*	?	52	-	
Cuxhaven ...	30.03	66	W S W	3	o	30.13	+ .14	64	61	+ 5	S W	1	c	*	68	55	0.02	
Sumburgh Head ...	29.36	50	W N W	5	c	29.76	+ .32	51	49	- 1	W N W	1	o	3	57	47	0.03	
Stornoway ...	29.50	44	W N W	6	o	29.65	+ .55	51	49	- 2	E	2	bc	1	58	48	0.01	
Thurso ...	29.50	54	W N W	4	bc	29.73	+ .34	55	51	- 1	E N E	2	bc	4	64	44	0.29	
Wick ...	29.54	57	W	2	o	29.75	+ .34	54	51	- 1	SSW	1	o	0	63	48	0.20	
Nairn ...	29.58	56	W	4	bc	29.72	+ .49	52	48	- 7	SE	1	c	1	63	41	-	
Aberdeen ...	29.60	60	W S W	4	o	29.77	+ .44	50	49	0	SSE	1	f	2	63	43	0.01	
Leith ...	29.69	59	W	5	o	29.68	+ .31	51	50	- 5	E	3	f	*	63	48	0.25	
Shields ...	29.80	62	W S W	5	bc	29.77	+ .23	52	50	- 4	S	2	of	2	63	47	0.04	
Scarborough ...	29.56	61	W S W	2	o	29.80	+ .18	54	54	- 2	SSE	4	o	4	64	52	0.28	
York ...	29.87	63	W S W	3	bc	29.78	+ .13	58	57	+ 4	S	2	o	*	66	52	0.40	
Nottingham ...	29.93	62	SSW	4	c	29.78	+ .09	62	61	+ 7	S	3	c	*	69	54	0.17	
Ardrossan ...	29.75	58	W	3	o	29.62	+ .26	58	54	+ 1	ESE	2	W N	3	61	52	0.42	
Greencastle ...	29.72	61	W	2	c	29.50	+ .24	54	54	0	S	2	o	*	62	43	0.28	
Donaghadee ...	29.78	58	W	5	o	29.60	+ .17	54	54	- 2	SSW	5	f	4	65	50	0.21	
Kingstown ...	29.81	63	S	4	o	29.64	+ .10	58	53	0	W	4	bc	3	65	54	0.11	
Holyhead ...	29.86	57	SSW	5	o	29.67	+ .06	56	55	+ 1	SSW	3	W	2	60	52	0.10	
Liverpool (Bidston) ...	29.88	61	SW	3	o	29.71	+ .09	59	58	+ 4	SE	3	c	1	63	55	0.40	
Valencia ...	29.73	56	SSE	5	c	29.61	- .02	55	59	0	SSW	6	bc W	6	59	50	0.17	
Roche's Point ...	29.77	58	S	5	o	29.69	+ .02	55	52	0	SW	5	c	4	63	47	0.48	
Pembroke ...	29.92	54	S	3	o	29.74	+ .01	54	53	+ 1	SW	4	c	4	58	52	0.14	
Portishead ...	29.96	61	SSW	3	o	29.78	0.00	63	59	+ 8	SSW	3	c	3	66	51	0.25	
Scilly ...	29.91	55	SSE	6	o	29.82	- .02	58	56	0	SW	6	c	6	59	53	0.10	
Plymouth ...	30.02	56	S	2	o	29.84	- .02	57	56	+ 2	S	2	o	*	61	55	0.37	
Hurst Castle ...	30.05	58	S	2	W	29.84	- .04	59	57	+ 2	W S W	3	bc	4	65	55	0.02	
Dover ...	30.11	66	W S W	1	c	29.89	- .04	64	60	+ 8	SSW	2	c bc	1	64	55	-	
London ...	30.06	65	SW	4	c	29.84	- .01	61	60	0	SW	2	o	*	68	56	0.22	
Oxford ...	*	*	*	*	*	29.81	+ .02	62	59	+ 3	S	2	o	*	67	57	0.45	
Cambridge ...	29.99	64	SW	2	c	29.84	+ .03	60	59	0	S	1	o	*	68	56	0.30	
Yarmouth ...	29.99	67	SW	4	o	29.92	+ .11	58	56	- 4	S	2	cr	*	68	54	0.12	
The Helder ...	*	*	*	*	*	30.06	+ .16	59	58	- 1	SE	1	c	*	*	*	-	
Cape Gris Nez ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Jersey ...	30.09	61	SE	1	o	29.94	- .10	60	57	+ 2	W	4	o	3	54	57	0.07	
Brest ...	30.06	?	S	3	o	29.95	- .07	55	55	- 2	W	4	W	5	59	54	0.16	
L'Orient ...	30.06	63	SE	2	c	30.00	- .09	57	55	0	W N W	4	W	5	66	54	-	
Rochefort ...	30.04	72	SSE	2	o	30.05	- .07	70	68	+ 6	W S W	4	bc	3	81	54	-	
Biarritz ...	30.00	77	E N E	3	c	30.10	- .03	64	61	- 8	SSW	3	c	3	88	59	-	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	29.99	- .07	62	62	- 3	S	4	bc	*	75	?	-	
Charleville ...	*	*	*	*	*	30.02	- .10	67	64	+ 5	SSE	6	?	*	*	*	-	
Paris ...	30.14	74	S	2	o	29.98	-	64	60	0	SSE	3	o	*	*	*	-	
Lyons ...	*	*	*	*	*	30.18	-	68	*	+ 3	SE	2	c	*	*	*	-	
Toulon ...	30.25	66	SE	1	W	30.28	+ .03	66	59	+ 7	SE	1	W	2	70	57	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.56	51	50	SSE	6	f	Valencia	29.75	58	55	SSW	5	c	5
Thurso	29.28	61	56	W S W	3	c	Scilly	29.93	58	57	SSW	5	of	6
Scarborough ...	29.74	64	56	W S W	4	o	London	30.01	66	61	W S W	6	bc	*
Greencastle ...	29.54	62	55	N N W	3	c	Rochefort ...	30.11	?	?	SE	2	o	3
Holyhead	29.81	60	57	SSW	6	bc								

The barometer has risen at all stations since the morning, and in most places the wind has veered and moderated. On our SW coast, however, it has backed to SSW and blows fresh, and the rise of the barometer is checked somewhat.

EXPLANATION OF COLUMNS.

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

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

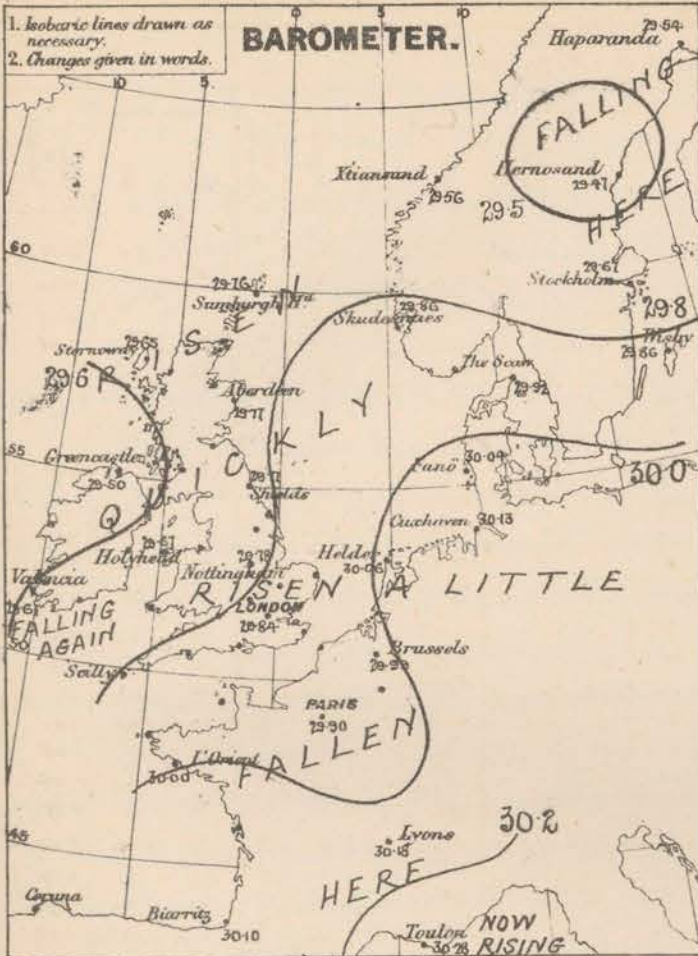
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Saturday 18. May. 1878.

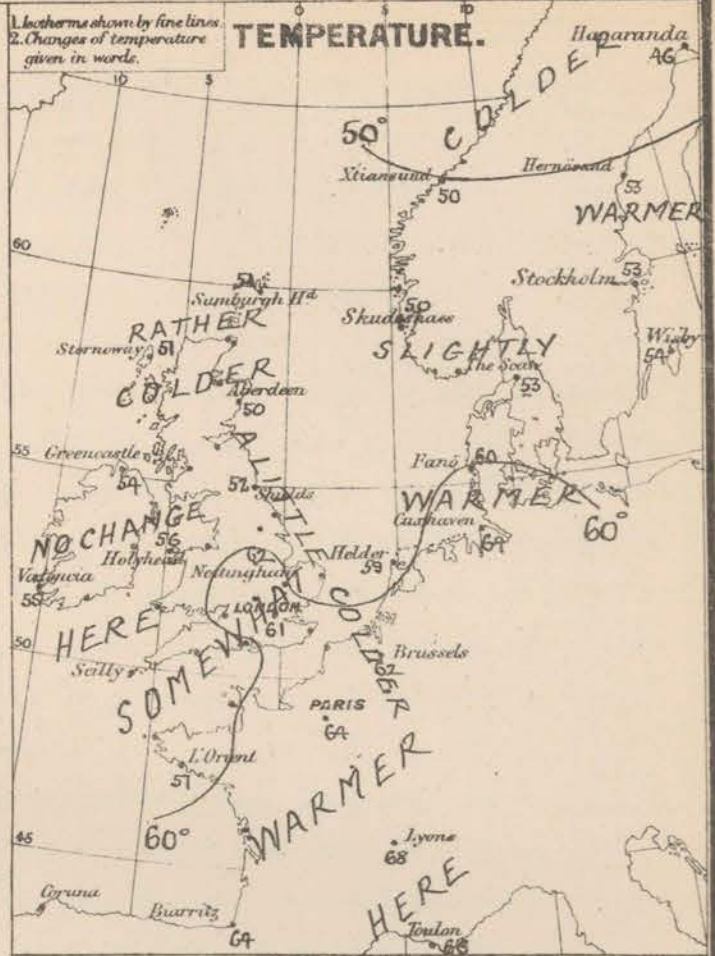
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



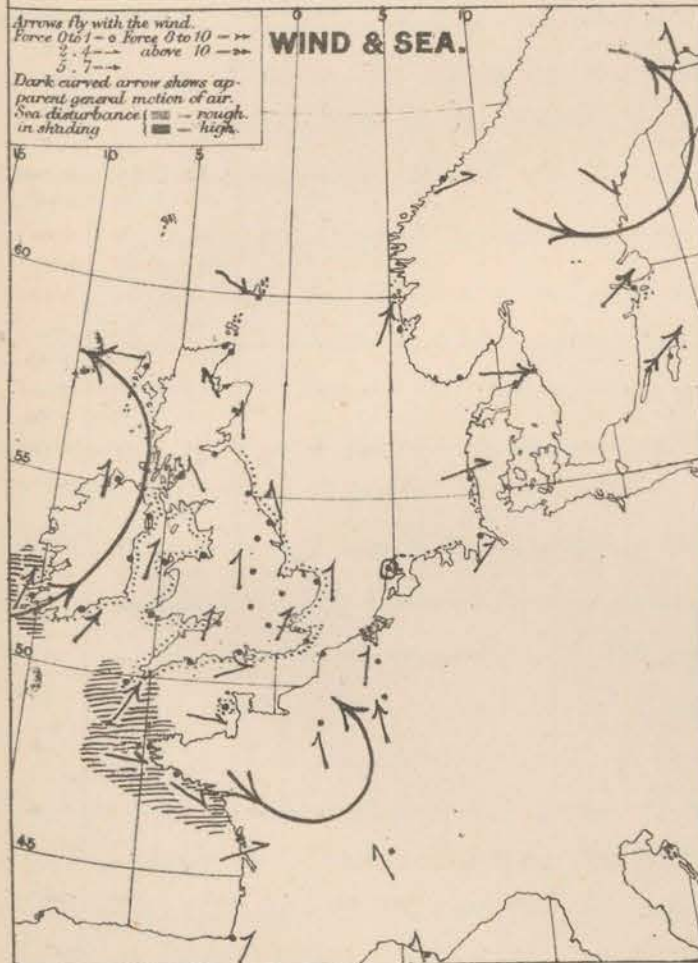
1. Isotherms shown by fine lines
2. Changes of temperature given in words.

TEMPERATURE.



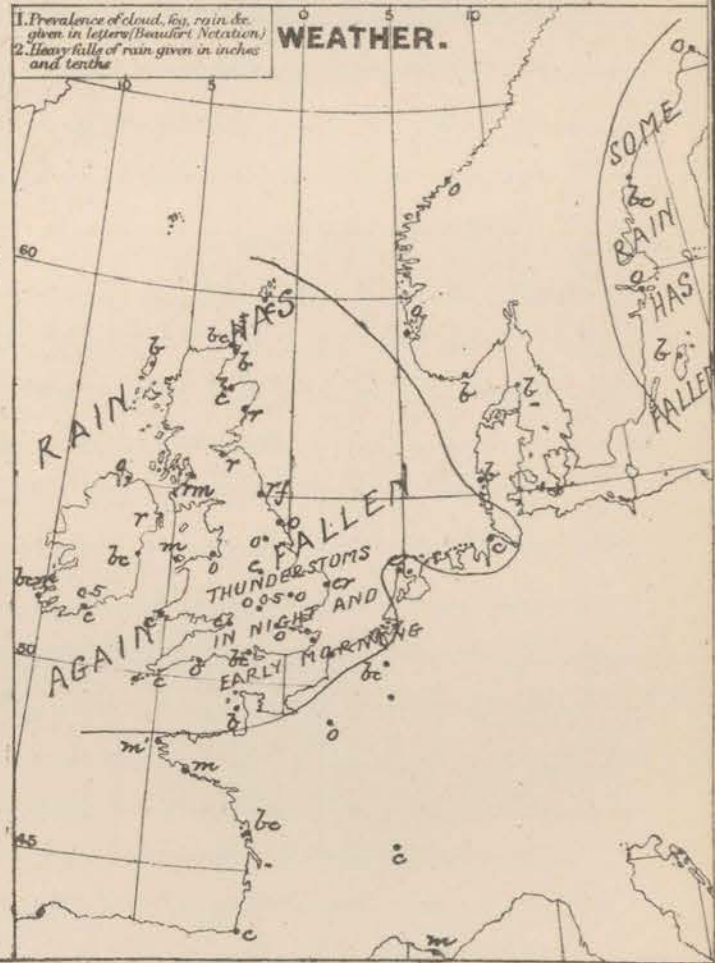
1. Arrows fly with the wind. Force 0 to 10 — 10 — 20 — 30 — 40 — 50 — 60 — 70 — 80 — 90 — 100 —
 2. Force 0 to 10 — 10 — 20 — 30 — 40 — 50 — 60 — 70 — 80 — 90 — 100 —
- Dark curved arrow shows apparent general motion of air. Sea disturbance (—) — rough in shading — high.

WIND & SEA.



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

WEATHER.



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

REMARKS.

Weather is very changeable, but quite clear it has been during the last day or two. The sky is cloudy in most places, and rain is falling in the NE. Thunderstorms have occurred very generally over Central England during the night, solar and lunar halos have been seen in several places, and rain has fallen at almost all stations. Clear periods remain high for the time of year, the readings varying from 60° to 62° over Central England, and from 50° to 55° in Scotland. The air is clear and oppressive over England. The maximum readings yesterday were as high as 69° at Nottingham, and 68° at Cambridge, Yarmouth and London. Wind is moderate from W in the Bay of Biscay, strong from SW on our extreme W. coast, light from S in the E and from SE to E in Scotland. In the S. parts of Scandinavia, however, it is strong to a gale from W and W. During yesterday morning the squalls attained the force of a stiff gale in the S. of England. Sea is rough in the W. slight elsewhere. Barometrical Indications. Pressure has given way at the S. stations since yesterday, but increased in the N. It is now decreasing again at Valentia. The highest readings (30.2 in.) are reported from the S. of France. A depression lies over the north of Sweden, another over Ireland, a third (secondary one) over the N. of France, and some further disturbance appears to be approaching our W. coast. Warnings were reported from W. and S. coasts last night.

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

R.H. SCOTT.
Secretary.

SUMMARY OF WEATHER IN WESTERN EUROPE

from MAY 12th to MAY 18th 1878.

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

Weather has been in an exceedingly unsettled state during this week but the changes in pressure have been regular. The area of highest pressure has been shown in the E. and SE. and depressions have travelled N^w along our W^m coasts. The wind has consequently been S.W.^{ly} to S.^{ly} and while generally moderate in force has increased to a moderate or fresh gale on some occasions. Temperature has been slightly high and very uniform; in London the maximum for the week was 74° on Saturday, but on the previous Sunday the thermometer reached 73°. The sky has been more or less cloudy generally, and thunder and lightning have occurred on several days more particularly on Tuesday and Wednesday. The sea has been rough in the S.W. and S.

MAY 12th Pressure was in a very unsettled state; it was increasing a little at the S^m stations, and decreasing in the N.; the highest readings (30.1 ins.) lay over the South of Sweden, the lowest (29.3 ins.) off the N. of Ireland, gradients were rather steep on our W^m coast. Wind was S.^{ly} over France and these Islands, S.E.^{ly} on the E^m shores of the North Sea; it was fresh in force both at our W^m stations and over Denmark. Temperature was slightly higher in the N. and N. of these Islands and considerably so over England, but at most of the French stations it was lower. Rain had been general over these Islands but at 8 a.m. the weather was fine and bright, except in the N. of Ireland. During the day the sky remained cloudy in the N. and S.W. and rain fell at some stations, but over the greater part of the Kingdom the weather kept exceedingly fine and the thermometer rose to 73° in London.

MAY 13th The mercury was rising somewhat in France, but falling elsewhere, a large area of low pressure (29.3 ins.) lay off the N. of Ireland, whence readings increased to 29.9 ins. over the Baltic and to 29.8 ins. in the S. of France. Wind was fresh from S.W. over France, moderate from S. to S.E. on our coast and over the North Sea. Temperature was rather lower in most places, but the changes were not large except over Central England where the thermometer had fallen about 8°. Weather was much more unsettled than on the previous day, rain was reported from several stations, fog from N. Scotland. Pressure did not change much during the day, but the tendency was to decrease; the winds were unaltered.

MAY 14th The barometer was falling in all places except the extreme S. of France; a large area of low pressure lay off our W^m coast (Valentia 29.14 ins. and Bornsaway 29.17 ins.) while a small local depression was shown near Paris. Readings were high both over the Baltic and the Mediterranean. Wind was N.W.^{ly} in France, S.^{ly} in most other places, it blew with the force of a gale at Skudenes, and freshly on our S.W. coasts. Temperature had fallen over France, changed very little elsewhere; it varied from 61° at Biarritz to 47° in the Shetlands and to 39° in Lapland; it was very uniform over these Islands. Rain had fallen over the greater part of our area, and the weather was dull except in the Netherlands and North Germany. At 6 p.m. the barometer was rising in the S.W. and S. but was still falling in the N.W. and N., the distributions had, however, changed very little.

MAY 15th Pressure was increasing on both shores of the North Sea but decreasing elsewhere. Readings were highest (30.0 ins.) over the S.E. of France, lowest over the S. of Ireland (28.98 ins.) where a small subsidiary disturbance was shown. Gradients were steep over the S.W. stations. Wind

was $W^{\frac{1}{2}}$ and $NW^{\frac{1}{2}}$ at Valentia and Roche's Point, $S^{\frac{1}{2}}$ on most other coasts, at all the more S^m stations it blew strongly, but was moderate in the N. Temperature had risen slightly both over Scotland and France, but fallen over Ireland and England, it was exceedingly uniform at about 55° over these islands. Thunderstorms had occurred in different parts of the country and showers had fallen very generally. Rain was still falling over England and the weather was dull. The low pressure moved $W^{\frac{1}{2}}$ during the day and the mercury rose rapidly in the S^m, though still falling in the N.

MAY 16TH Pressure had increased over the whole of Western Europe - briskly over these islands and France, less so over Scandinavia; in the west of Ireland a fresh decrease had apparently commenced during the night. Readings varied from 30.17 ins: at Lyons to 29.42 ins: at Valentia and 29.25 ins: in the Shetlands, gradients were steep in the South-west. Wind was $SE^{\frac{1}{2}}$ at Valentia, and $S^{\frac{1}{2}}$ at Roche's Point and Lilly, but was $SW^{\frac{1}{2}}$ to $W^{\frac{1}{2}}$ at our other stations and over France; in Denmark and Scandinavia it drew into S. again. Temperature had risen somewhat except in the S^m of France; it was very uniform. Weather was moderating, fine except in the S^m, but rain had fallen in nearly all places and thunder had occurred in the NE. Later reports showed the barometer falling very quickly in the N. of Ireland, while it still rose slightly in the SE; in consequence gradients increased somewhat and the $S^{\frac{1}{2}}$ wind rose generally.

MAY 17TH Pressure was increasing at all the more S^m and $W^{\frac{1}{2}}$ stations decreasing in the N. and E. A large depression was passing $NE^{\frac{1}{2}}$ along our NH coasts. Readings varied from 30.3 ins: at Lyons to 29.10 ins: at Stormoway, and gradients were steep. Wind was $SE^{\frac{1}{2}}$ in the N. of Norway, $SW^{\frac{1}{2}}$ on most other coasts; it was fresh or strong in force over these islands, and had blown a moderate to fresh gale at the S^m stations and a hard gale at Lilly during the night. Temperature had risen a few degrees in the NE; it was exceedingly uniform between 50° and 60° . Weather was squally and unsettled, rain was falling in many places but the amounts of cloud were irregularly distributed. Later in the day the barometer rose everywhere very smartly in the N. but at Valentia the wind backed and increased.

MAY 18TH The mercury was still rising in the N, where the change since the previous day amounted to over half an inch, but in the S. and over France it was falling. Readings varied from 30.28 ins: at Toulon to 29.50 ins: at Greenock; a depression lay off the north coast of Ireland and pressure was still unsettled in the S^m. Wind was $W^{\frac{1}{2}}$ over France $SW^{\frac{1}{2}}$ on our S^m coasts, $S^{\frac{1}{2}}$ in the E. and $SE^{\frac{1}{2}}$ to $E^{\frac{1}{2}}$ in the north; it was fresh in force in the S^m, moderate to light elsewhere. Temperature had changed very irregularly but was still very uniform between 50° and 60° . Weather was wet dull and unsettled and sharp thunderstorms had occurred in the SE. The depression from the N. of Ireland had advanced by 6 P.M. northward to the Hebrides but there were indications of a fresh disturbance in the S^m. At Valentia a moderate $SSW^{\frac{1}{2}}$ gale was reported.

DAILY WEATHER REPORT MAY 19TH 1878.

STATIONS.	↑ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.54	47	N	2	0	29.56	+ .02	48	48	+ 2	N	2	0	*	54	41	0.55	
Hernösand ...	29.64	55	NW	2	0	29.53	+ .06	52	47	- 1	Z	0	0	*	*	*	-	
Stockholm ...	29.76	57	N	4	0	29.54	- .13	50	49	- 3	Z	0	0	*	*	*	0.08	
Wisby ...	29.87	53	NEW	4	0	29.64	- .22	58	55	+ 4	NEW	6	0	*	*	*	0.12	
Christiansund ...	29.72	47	NEW	1	0	29.25	- .31	49	45	- 1	ESE	2	0	2	50	39	0.08	
Skudesnaes ...	29.22	57	ESE	2	7	29.44	- .42	48	48	- 2	SW	6	7	4	52	?	0.35	
Oxö (Skinnö) ...	29.73	57	SW	2	7	29.55	- .31	50	50	- 1	SW	6	0	2	54	45	0.08	
Skagen (The Sound)	29.74	52	ESE	3	7	29.60	- .32	54	50	+ 1	N	5	0	4	64	46	0.42	
Fanö ...	29.73	54	NEW	4	0	29.73	- .31	58	56	- 2	NEW	4	0	*	64	50	0.20	
Cuxhaven ...	29.85	72	SW	1	0	29.86	- .27	60	57	- 4	NEW	4	0	*	75	54	0.17	
Sumburgh Head	29.53	48	E	5	7	29.28	- .48	46	45	- 5	N	4	7	4	55	45	0.42	
Stornoway	29.39	54	SW	4	0	29.37	- .28	52	50	+ 1	SW	2	0	0	54	45	0.15	
Thurso ...	29.45	50	Z	0	0	29.39	- .34	54	51	- 1	N	3	0	4	57	43	0.22	
Wick ...	29.43	52	NEW	1	0	29.39	- .36	55	50	+ 1	NEW	4	0	1	57	42	0.14	
Mairn ...	29.47	55	Z	0	0	29.44	- .28	57	47	- 1	Z	0	0	1	61	46	0.20	
Aberdeen ...	29.48	56	SW	2	0	29.45	- .32	54	50	+ 4	SW	1	0	1	57	46	0.17	
Leith ...	29.52	62	SW	3	0	29.46	- .22	53	50	+ 2	SW	2	0	*	67	47	0.19	
Shields ...	29.64	60	N	7	0	29.58	- .19	55	50	+ 3	N	5	0	2	64	48	0.29	
Scarborough	29.68	61	NEW	3	0	29.65	- .15	56	51	+ 2	NEW	4	0	3	65	49	0.19	
York ...	29.71	62	N	3	0	29.67	- .11	55	50	- 3	SW	3	0	*	66	47	0.10	
Nottingham ...	29.79	61	SW	5	0	29.74	- .04	56	50	- 6	SW	6	0	*	72	48	0.06	
Ardrossan ...	29.55	54	SW	4	0	29.44	- .18	52	50	- 3	SW	3	0	4	58	50	0.13	
Greencastle ...	29.53	51	SW	2	7	29.35	- .15	53	51	- 1	SW	2	0	*	62	47	0.46	
Donaghadee ...	29.59	53	SW	4	0	29.44	- .16	52	52	- 2	SW	5	0	4	61	46	0.38	
Kingstown ...	29.67	55	NEW	3	0	29.83	- .11	55	50	- 3	NEW	4	0	4	63	51	0.04	
Holyhead ...	29.72	57	SW	5	0	29.58	- .09	53	51	- 3	SW	6	0	4	60	49	0.05	
Liverpool (Bidston)	29.74	58	SW	4	0	29.62	- .09	52	50	- 7	SW	3	0	2	64	50	0.14	
Valencia ...	29.58	55	SW	7	0	29.60	- .01	52	50	- 3	N	7	0	6	57	50	0.40	
Roche's Point...	29.72	57	SW	5	0	29.62	- .07	54	52	- 1	NEW	7	0	5	63	49	0.28	
Pembroke ...	29.50	54	SW	5	0	29.72	- .02	53	50	- 1	SW	8	0	6	56	49	0.54	
Portishead ...	29.86	55	NEW	5	0	29.83	+ .05	55	51	- 8	SW	7	0	6	64	48	0.06	
Scilly ...	29.90	56	SW	6	0	29.93	+ .11	56	53	- 2	NEW	8	0	7	61	49	0.08	
Plymouth ...	29.92	57	SW	3	0	29.93	+ .09	55	51	- 2	SW	4	0	*	62	51	-	
Hurst Castle ...	29.95	57	NEW	5	0	29.92	+ .08	56	54	- 3	NEW	6	0	6	61	50	0.11	
Dover ...	29.94	57	NEW	2	0	29.94	+ .05	58	54	- 6	NEW	5	0	4	64	52	0.04	
London ...	29.90	63	NEW	4	0	29.89	+ .05	60	54	- 1	SW	5	0	*	74	50	-	
Oxford ...	*	*	*	*	*	29.85	+ .04	55	51	- 7	NEW	4	0	*	70	49	0.05	
Cambridge ...	29.82	62	SW	3	0	29.80	- .04	55	52	- 5	SW	3	0	*	73	47	0.12	
Yarmouth ...	29.80	67	NEW	3	0	29.83	- .09	56	51	- 2	NEW	5	0	3	71	50	0.16	
The Helder ...	*	*	*	*	*	29.87	- .19	56	53	- 3	SW	3	0	*	*	*	-	
Cape Gris Nez	29.89	55	NEW	5	?	29.98		55	54		SW	6	0	5	70	52	0.16	
Jersey ...	30.06	56	N	3	0	30.09	+ .15	55	52	- 5	NEW	6	0	5	61	53	-	
Brest ...	30.10	64	SW	4	0	30.12	+ .17	54	52	- 1	N	4	0	5	?	50	-	
L'Orient ...	30.11	57	N	4	0	30.16	+ .16	57	54	0	N	5	0	4	64	52	-	
Rochefort ...	30.16	68	NEW	3	0	30.22	+ .17	59	54	- 11	NEW	3	0	3	82	59	-	
Biarritz ...	30.19	70	NEW	2	0	30.31	+ .21	61	59	- 3	NEW	2	0	3	81	59	-	
Corunna ...	*	*	*	*	*			*	*		*			*	*	*	*	
Brussels ...	*	*	*	*	*	30.00	+ .01	59	53	- 3	NEW	4	0	*	77	57	0.04	
Charleville ...	*	*	*	*	*	30.00	- .02	57	*	- 10	SW	1	0	*	*	*	*	
Paris ...	30.02	74	SW	4	0	30.12	+ .12	60	53	- 4	SW	4	0	*	*	*	*	
Lyons ...	*	*	*	*	*	30.16	- .02	69	*	+ 1	SE	2	0	*	*	*	*	
Toulon ...	30.24	70	?	N	4	30.25	- .03	70	61	+ 4	N	1	0	2	77	66	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.77	53	50	SSE	2	0	Valencia	29.61	56	52	SW	7	cm
Thurso	29.57	51	51	ESE	3	7	Scilly	29.89	60	57	SW	6	6
Scarborough	29.69	58	56	NW	2	the	London	29.88	69	63	SW	5	6
Greencastle	29.51	62	55	SW	2	0	Rochefort	30.12	63	59	NW	5	0
Holyhead	29.71	58	55	SW	5	6							

The weather has become fine and very warm over England during the day. Strong SW winds are blowing in the S. and SW. and a light ESE breeze at Thurso.

EXPLANATION OF COLUMNS.

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

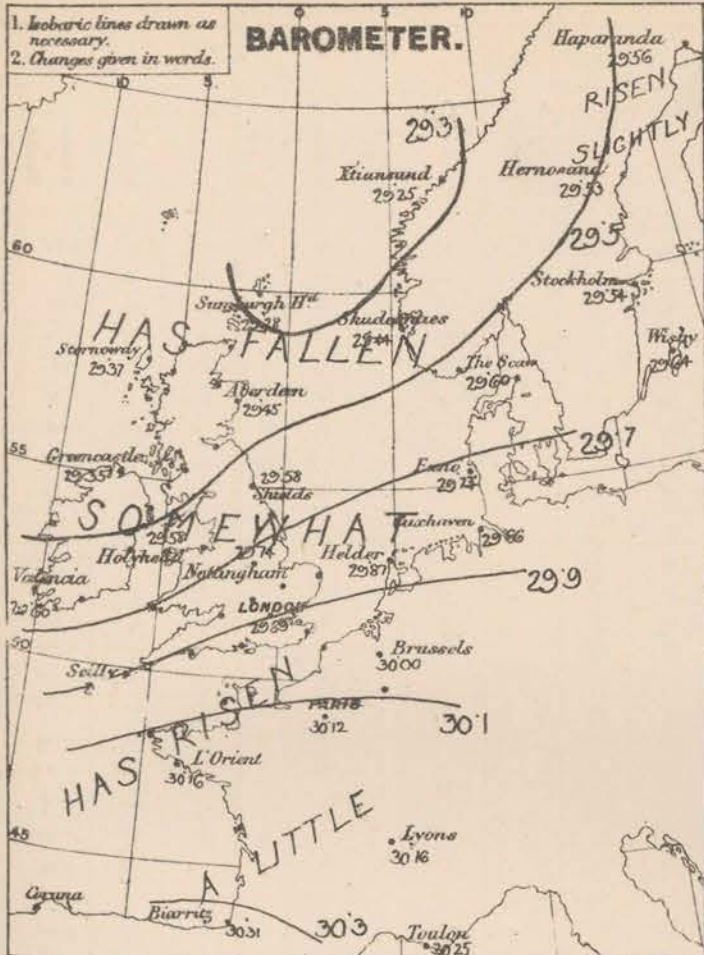
The evening observations are taken at 6 p.m. in our islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 19th May 1878.

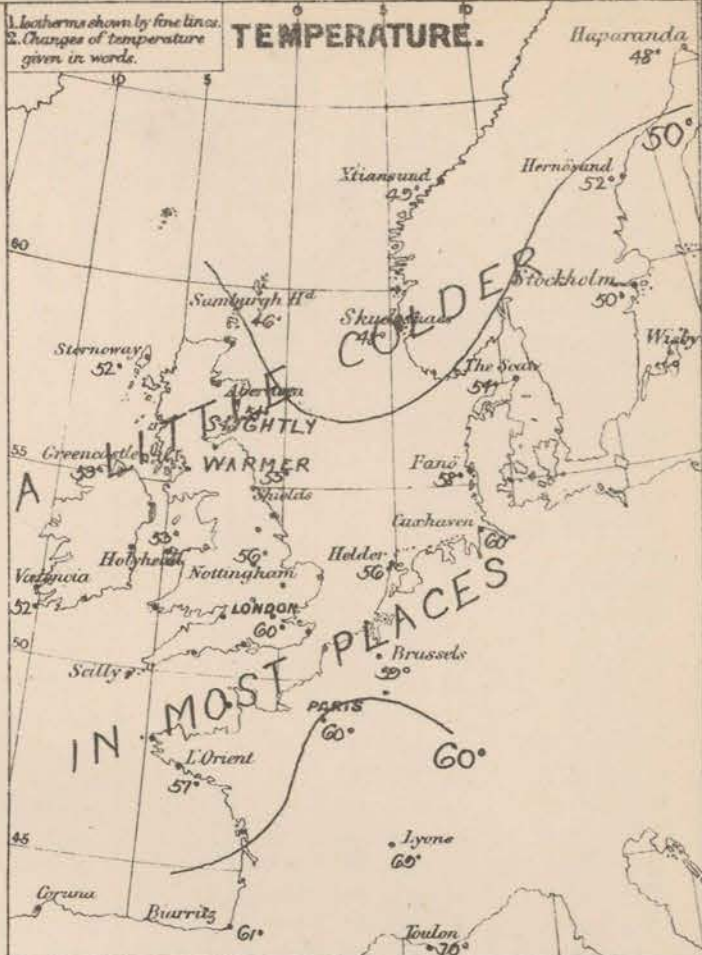
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



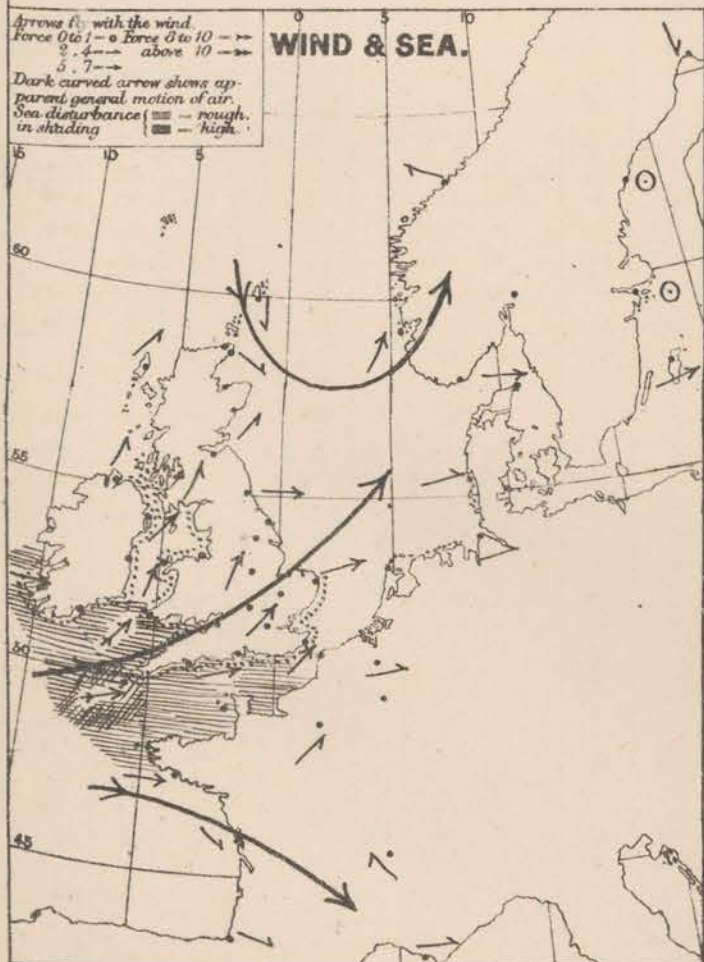
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



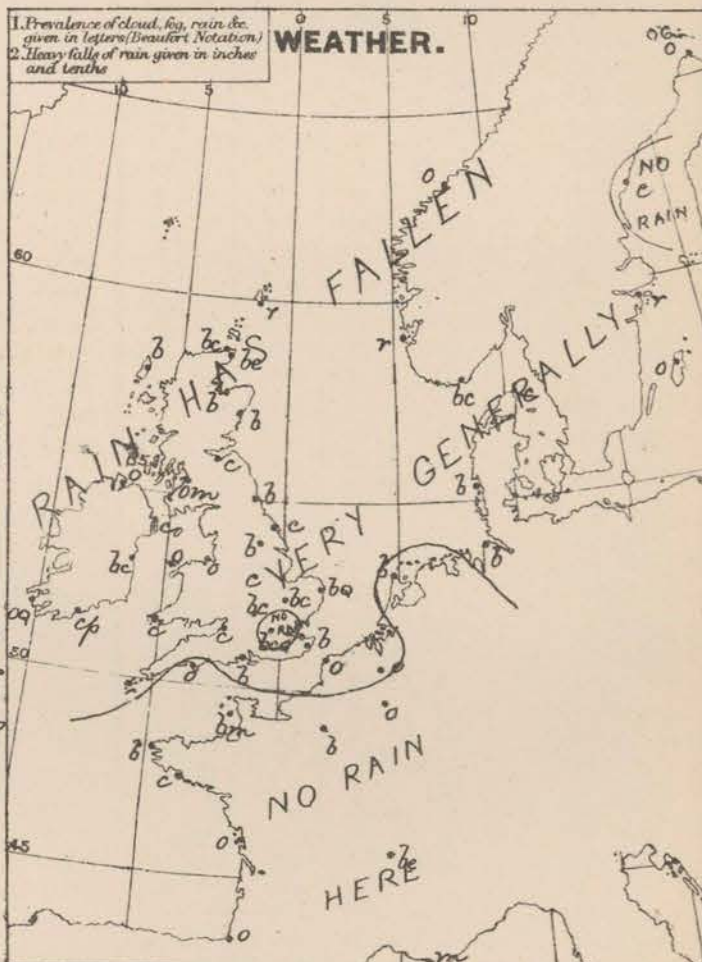
1. Arrows &c. with the wind.
- Force 0 to 10 —
- Force 11 to 20 —
- Force 21 to 30 —
- Force 31 to 40 —
- Force 41 to 50 —
- Force 51 to 60 —
- Force 61 to 70 —
- Force 71 to 80 —
- Force 81 to 90 —
- Force 91 to 100 —
- Force 101 to 110 —
- Force 111 to 120 —
- Force 121 to 130 —
- Force 131 to 140 —
- Force 141 to 150 —
- Force 151 to 160 —
- Force 161 to 170 —
- Force 171 to 180 —
- Force 181 to 190 —
- Force 191 to 200 —
- Force 201 to 210 —
- Force 211 to 220 —
- Force 221 to 230 —
- Force 231 to 240 —
- Force 241 to 250 —
- Force 251 to 260 —
- Force 261 to 270 —
- Force 271 to 280 —
- Force 281 to 290 —
- Force 291 to 300 —
- Force 301 to 310 —
- Force 311 to 320 —
- Force 321 to 330 —
- Force 331 to 340 —
- Force 341 to 350 —
- Force 351 to 360 —
- Force 361 to 370 —
- Force 371 to 380 —
- Force 381 to 390 —
- Force 391 to 400 —
- Force 401 to 410 —
- Force 411 to 420 —
- Force 421 to 430 —
- Force 431 to 440 —
- Force 441 to 450 —
- Force 451 to 460 —
- Force 461 to 470 —
- Force 471 to 480 —
- Force 481 to 490 —
- Force 491 to 500 —
- Force 501 to 510 —
- Force 511 to 520 —
- Force 521 to 530 —
- Force 531 to 540 —
- Force 541 to 550 —
- Force 551 to 560 —
- Force 561 to 570 —
- Force 571 to 580 —
- Force 581 to 590 —
- Force 591 to 600 —
- Force 601 to 610 —
- Force 611 to 620 —
- Force 621 to 630 —
- Force 631 to 640 —
- Force 641 to 650 —
- Force 651 to 660 —
- Force 661 to 670 —
- Force 671 to 680 —
- Force 681 to 690 —
- Force 691 to 700 —
- Force 701 to 710 —
- Force 711 to 720 —
- Force 721 to 730 —
- Force 731 to 740 —
- Force 741 to 750 —
- Force 751 to 760 —
- Force 761 to 770 —
- Force 771 to 780 —
- Force 781 to 790 —
- Force 791 to 800 —
- Force 801 to 810 —
- Force 811 to 820 —
- Force 821 to 830 —
- Force 831 to 840 —
- Force 841 to 850 —
- Force 851 to 860 —
- Force 861 to 870 —
- Force 871 to 880 —
- Force 881 to 890 —
- Force 891 to 900 —
- Force 901 to 910 —
- Force 911 to 920 —
- Force 921 to 930 —
- Force 931 to 940 —
- Force 941 to 950 —
- Force 951 to 960 —
- Force 961 to 970 —
- Force 971 to 980 —
- Force 981 to 990 —
- Force 991 to 1000 —

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.



Note: A dotted line is drawn round these coasts on which the weather is generally fine.

REMARKS. Weather is fine at all our eastern and northern stations but is still cloudy and showery in the west; rain is falling in the Shetlands and west of Norway. Rain fell yesterday at nearly all but the French stations and thunderstorms were very general over these islands, with hail at Rarod's and Valentia. Temperature has fallen over the greater part of our area but risen a little at some of the northeastern stations; it at present varies between 50° and 55° on our western and northern coasts, but is rather higher in the south and south east, and reaches 60° in London. The maximum readings registered yesterday over Central and south eastern England were all above 70°. Wind is SW to S in most parts of Western Europe, and blows a fresh gale at all our south western ports and a strong breeze in the Channel; in the north, however, the winds are of moderate strength and draw into NW and N. Sea is high at Lally, rough in the south west and south, moderate or smooth elsewhere.

Barometrical Indications. Depressions continue to advance upon our western and northern coasts from the Atlantic. The centre of one is now lying off the west of Norway, while another is advancing towards the west of Ireland, and the barometer is falling over the greater part of the Kingdom. In France, however, the mercury has risen, and is now as high as 30.3 ins.

Magnetic Signals still up in W. and SW. following sent to SE this morning:— Fresh depression N. Ireland. Barometer falling. SW wind increasing. Haze.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT MAY 20th 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		GRADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.45	41	S	2	0	29.29	-.27	45	45	-	3	SE	2	2	*	54	39	-
Hernösand ...	29.27	43	N	0	2	29.19	-.34	50	48	-	2	SSH	4	6	*	*	*	0.16
Stockholm ...	29.44	53	SSH	3	6	29.38	-.16	54	49	+	4	SSH	4	0	*	*	*	-
Wisby ...	29.58	53	N	8	6	29.54	-.10	53	49	-	5	SSH	8	6	*	*	*	-
Christiansund ...	29.14	47	SSH	2	7	29.26	+.01	42	41	-	6	N	8	7	5	52	39	0.24
Skudesnaes ...	29.42	48	SSH	4	0	29.51	+.07	43	41	-	5	NN	7	7	4	52	39	0.08
Oxö (Tiansand) ...	29.50	49	NN	5	0	29.37	-.18	48	47	-	2	SSH	4	7	3	50	46	-
Skagen (The Seaw) ...	29.54	49	NNN	6	0	29.37	-.23	50	49	-	4	SSH	2	0	2	59	45	0.16
Fanö ...	29.60	53	SSH	6	0	29.56	-.17	51	50	-	7	SSH	6	0	*	3	50	0.12
Cuxhaven ...	29.90	59	N	4	0	29.69	-.19	56	53	-	4	N	6	0	*	63	52	0.06
Sumburgh Head ...	29.46	45	N	4	0	29.65	+.37	36	34	-	10	N	4	5	4	48	35	0.17
Stornoway ...	29.34	45	N	6	0	29.78	+.41	42	39	-	10	NNN	1	0	2	52	39	0.41
Thurso ...	29.50	46	NNE	3	7	29.72	+.33	42	37	-	12	NN	2	0	3	57	39	0.21
Wick ...	29.46	48	NE	4	0	29.73	+.34	44	38	-	11	NNN	2	6	1	57	37	0.07
Nairn ...	29.49	49	NE	2	7	29.78	+.34	37	36	-	14	NNN	1	0	2	57	37	0.66
Aberdeen ...	29.42	55	N	1	7	29.73	+.28	39	37	-	15	SSH	3	7	2	58	37	0.30
Leith ...	29.42	54	NNN	3	4	29.73	+.27	39	39	-	14	NNE	2	7	2	56	38	0.36
Shields ...	29.42	54	N	5	7	29.70	+.12	57	55	+	2	NNN	5	6	2	60	45	0.03
Scarborough ...	29.47	54	SSH	4	0	29.69	+.04	56	50	-	6	NNN	3	0	3	59	47	0.09
York ...	29.58	54	N	4	0	29.74	+.07	52	47	-	3	NN	2	6	*	61	47	0.10
Nottingham ...	29.67	56	SSH	7	0	29.82	+.08	55	50	-	1	NNN	1	0	*	63	49	0.08
Ardrossan ...	29.49	55	NNN	4	0	29.76	+.32	47	43	-	5	NNE	2	0	2	56	45	0.14
Greencastle ...	29.55	55	NNN	3	6	29.82	+.47	43	40	-	10	N	2	7	*	57	40	0.47
Donaghadee ...	29.59	53	NNN	4	6	29.79	+.35	48	45	-	4	NNN	5	6	4	56	43	0.13
Kingstown ...	29.67	55	NNN	5	6	29.85	+.32	49	46	-	6	NN	4	0	4	58	47	0.18
Holyhead ...	29.66	54	SSH	6	0	29.81	+.23	51	48	-	2	NNN	3	0	2	58	48	0.02
Liverpool (Bidston) ...	29.61	54	SSH	7	0	29.78	+.16	50	47	-	2	N	4	0	3	59	42	0.07
Valencia ...	29.91	55	N	4	0	29.92	+.01	50	47	-	2	N	4	0	4	60	47	0.58
Roche's Point ...	29.86	55	N	5	6	29.88	+.02	50	48	-	4	N	4	0	3	62	47	0.46
Pembroke ...	29.85	54	SSH	8	6	29.85	+.00	51	48	-	2	SSH	5	0	4	55	45	0.11
Fortishead ...	29.86	56	N	7	0	29.87	+.01	52	49	-	3	SSH	6	0	4	60	49	0.07
Seilly ...	30.06	55	N	9	0	29.93	+.00	51	51	-	3	SSH	6	7	6	57	57	0.02
Plymouth ...	30.01	56	SSH	5	0	29.96	+.03	53	51	-	2	SSH	4	0	5	61	51	-
Hurst Castle ...	29.93	56	N	7	0	29.92	+.00	55	52	-	1	N	6	0	6	57	57	-
Dover ...	29.92	55	SSH	7	6	29.92	-.02	54	51	-	4	SSH	4	0	4	59	57	-
London ...	29.86	57	SSH	7	0	29.88	+.01	52	50	-	8	SSH	3	0	4	63	50	0.03
Oxford ...	*	*	*	*	*	29.86	+.01	51	50	-	4	SSH	1	7	*	61	50	0.05
Cambridge ...	29.75	58	SSH	5	6	29.84	+.09	53	51	-	2	SSH	1	0	*	62	49	0.01
Yarmouth ...	29.72	58	SSH	6	6	29.81	+.02	54	50	-	2	SSH	4	6	*	63	50	0.02
The Helder ...	*	*	*	*	*	29.79	-.08	54	52	-	2	SSH	4	0	*	*	*	0.28
Capo Gris Nez ...																		
Jersey ...	30.16	55	N	7	6	30.07	-.09	52	50	-	3	SSH	5	0	5	59	57	-
Brest ...	30.23	57	N	4	8	30.11	-.12	54	54	-	0	N	4	0	4	59	46	0.04
L'Orient ...	30.27	57	NNN	5	0	30.13	-.14	54	50	-	3	N	4	7	4	63	50	-
Rochefort ...	30.29	64	NN	4	6	30.18	-.11	57	52	-	2	NN	3	6	3	73	54	-
Biarritz ...	30.32	68	NNN	2	0	30.21	-.11	57	55	-	4	NE	3	0	3	72	54	-
Corunna ...	*	*	*	*	*													
Brussels ...	*	*	*	*	*	29.97	-.03	53	48	-	6	SSH	5	10	*	66	50	-
Charleville ...	*	*	*	*	*	30.01	+.01	53	*	-	4	N	3	0	*	*	*	-
Paris ...	30.11	65	SSH	5	6	30.07	-.05	54	49	-	6	SSH	2	0	*	*	*	-
Lyons ...	*	*	*	*	*	30.22	+.06	64	*	-	5	N	4	0	*	*	*	-
Poulton ...	30.13	66	N	3	7	30.01	-.12	59	59	+	2	NN	4	6	3	73	57	-

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

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

Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	29.43	51	50	SSH	6	4	Valencia				
Thurso							Seilly				
Scarborough							London				
Greenecastle						*	Rochefort	30.27	66	59	NN
Holyhead											

EXPLANATION OF COLUMNS.

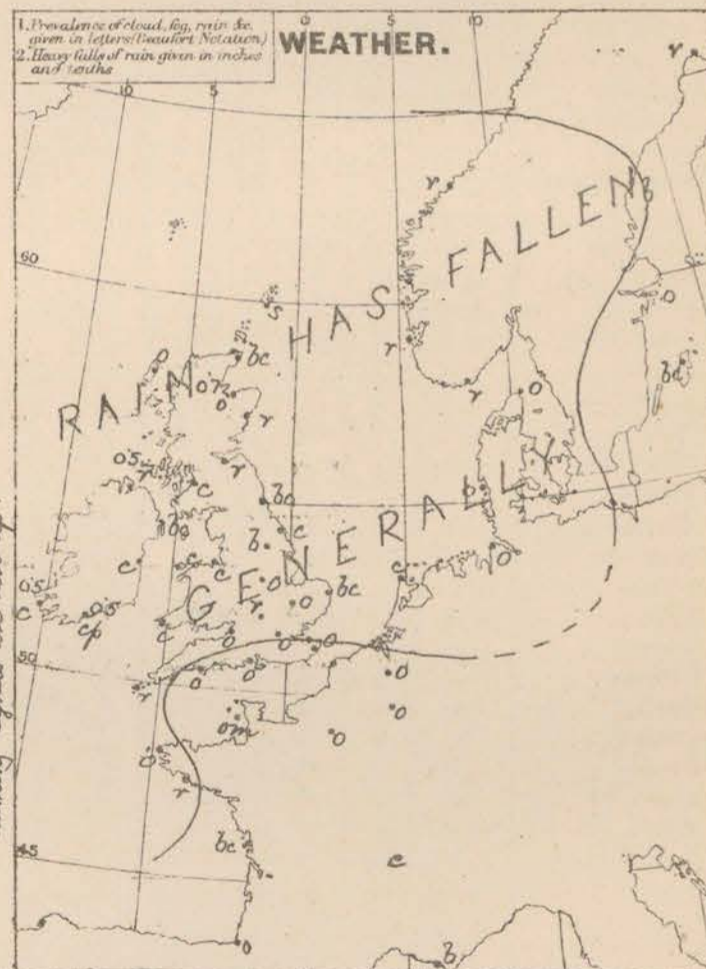
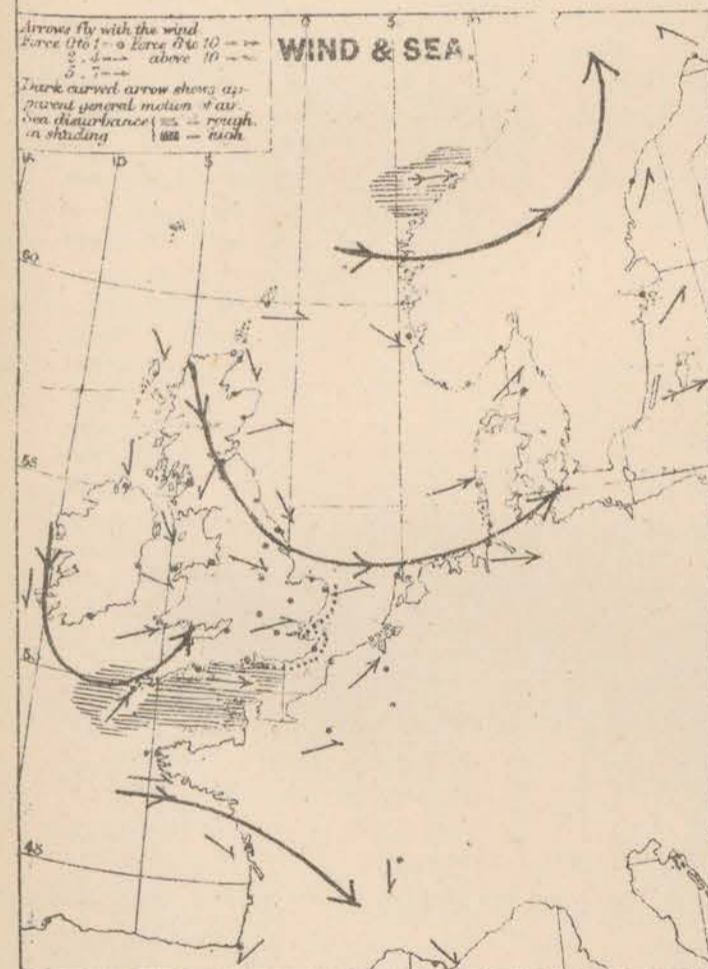
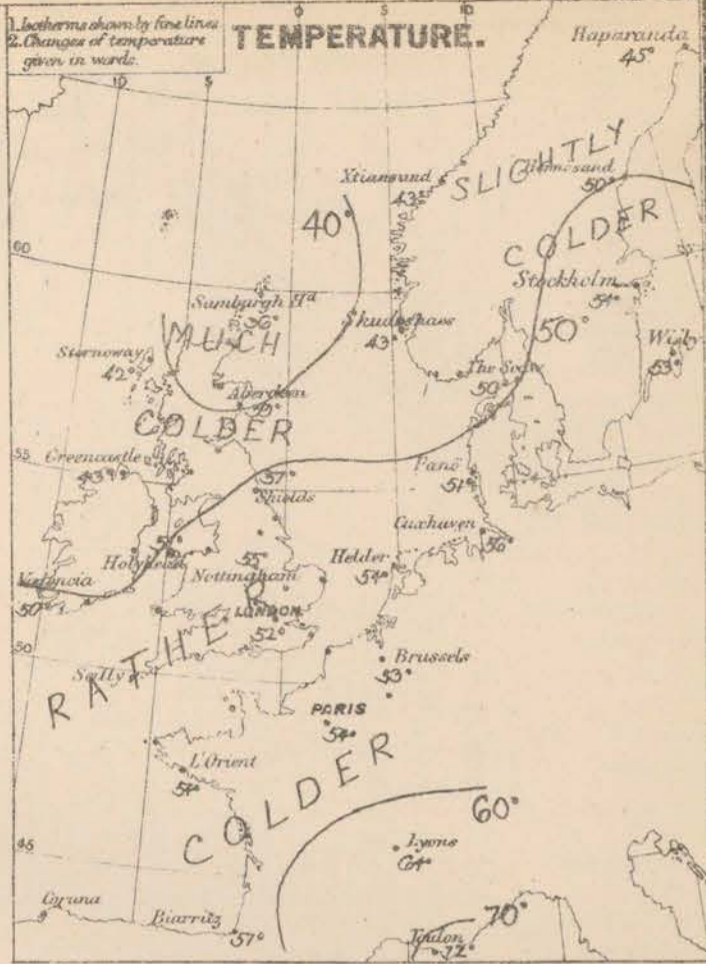
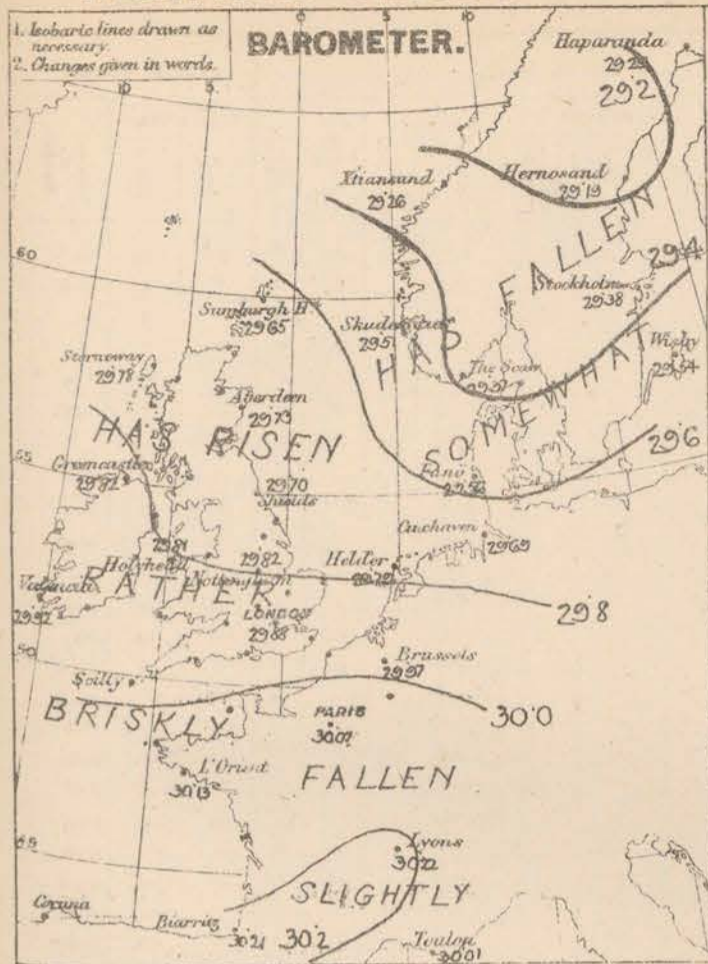
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 20TH MAY 1872.



Note A dotted line is drawn round these co-ords on which the warning signals are now up.

REMARKS. Weather is overcast or very cloudy in nearly all parts of Western Europe; at Killy, Lorient, the east of Scotland and over Norway rain is falling, while snow is reported from the Shetlands. Rain fell at all except our south coast stations yesterday, the largest amounts being about half an inch in the west of Ireland and at Havre. Temperatures has decreased at nearly all stations; in the south and west the change is slight but in the east of Scotland it is considerable amounting at Aberdeen to 15°; the thermometer varies over these Islands from 55° at Hunt Castle to 37° at Havre, and a difference of 18° exists being Shields and Leth. Wind is N^W at all the more northern and western ports, while it is N^E in the south and S^E in Lucien; it blows fresh in the Channel, and during yesterday a moderate to strong gale was experienced over Ireland and England. Sea is rough in the south, moderate elsewhere.

Barometrical Indications Pressure is decreasing on the Continent generally but is increasing over these Islands and the west of Norway. Readings are highest over southern France, while a large area of low readings lies over Sweden. The barometer is still very unsteady.

Wings. The signals are still up on our small east coast.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

MAY 21st

1878.

STATIONS.	↑ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST-24 HOURS.		
	Barometer at 320 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	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.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.02	39	N	2	c	29.54	+ .25	48	47	+ 3	S	2	c	*	50	?	0.20	
Hernösand ...	29.35	45	NW	2	c	29.40	+ .27	47	41	- 3	N	2	bc	*	*	*	-	
Stockholm ...	29.36	50	SW	2	c	29.41	+ .03	49	47	- 5	WSW	2	c	*	*	*	-	
Wisby ...	29.47	50	N	6	b	29.53	- .04	50	46	- 3	N	8	c	*	*	*	-	
Christiansund ...	29.46	40	SW	4	b	29.49	+ .23	45	35	+ 2	SE	2	b	5	45	30	-	
Skudesnaes ...	29.59	41	NNW	4	c	29.50	- .01	41	42	- 2	ESE	2	tn	3	41	?	-	
Oxö (Stiansand) ...	29.47	48	NNW	5	c	29.48	+ .11	43	37	- 5	NNW	6	b	2	57	?	-	
Skagen (The Sæw) ...	29.45	46	NNW	6	b	29.45	+ .75	45	40	- 5	N	4	b	2	55	41	-	
Fanö ...	29.56	49	NNW	4	c	29.61	+ .05	46	42	- 5	NNW	4	c	*	55	42	0.08	
Cuxhaven ...	29.72	54	WSW	3	f	29.65	- .04	50	48	- 6	NNW	6	c	*	57	46	0.53	
Sumburgh Head ...	29.59	42	WSW	4	c	29.71	- .24	39	37	+ 3	N	3	f	3	45	32	0.14	
Stornoway ...	29.68	45	NNW	2	b	29.58	- .23	42	32	0	NW	7	shp	5	48	32	0.23	
Thurso ...	29.64	44	NNW	3	c	29.50	- .22	38	37	- 4	NNW	4	bc	3	49	34	0.34	
Wick ...	29.65	45	N	5	c	29.52	- .21	38	36	- 6	N	5	c	2	51	32	0.06	
Nairn ...	29.71	48	NNW	4	bc	29.60	- .18	39	36	+ 2	NNW	4	c	2	54	35	-	
Aberdeen ...	29.72	49	NW	2	bc	29.58	- .15	42	38	+ 3	NNW	4	b	1	50	37	0.02	
Leith ...	29.76	46	N	3	bc	29.63	- .10	42	41	+ 3	N	3	c	*	48	38	0.05	
Shields ...	29.81	42	NNE	3	c	29.69	- .01	45	41	- 12	N	4	c	3	47	35	-	
Scarborough ...	29.78	44	N	3	c	29.73	+ .04	44	41	- 12	WSW	2	c	2	57	36	-	
York ...	29.79	46	NNW	1	c	29.78	+ .04	44	42	- 8	SW	2	c	*	59	33	0.12	
Nottingham ...	29.83	48	N	2	c	29.85	+ .03	47	43	- 8	NNW	4	c	*	61	35	0.07	
Ardrossan ...	29.81	50	NNW	4	b	29.70	- .06	41	38	- 6	NNW	4	c	2	53	41	0.07	
Greencastle ...	29.88	48	NNW	2	b	29.77	- .05	45	40	+ 2	N	3	c	*	50	35	0.56	
Donaghadee ...	29.88	45	N	4	b	29.80	+ .01	39	39	- 9	N	4	c	3	52	39	0.03	
Kingstown ...	29.91	47	NNW	4	c	29.90	+ .05	47	43	- 2	NNW	6	c	5	50	41	0.18	
Holyhead ...	29.87	48	N	4	c	29.86	+ .05	47	44	- 4	N	5	tn	4	53	44	-	
Liverpool (Bidston) ...	29.82	45	NW	4	b	29.80	+ .02	46	45	- 4	N	5	c	3	53	41	0.07	
Valencia ...	30.06	50	NW	4	bc	30.06	+ .14	57	47	+ 1	NW	3	c	5	55	45	0.09	
Roche's Point...	29.98	52	N	5	bc	30.03	+ .15	57	47	+ 1	NNW	4	bc	4	57	43	-	
Pembroke ...	29.88	52	NNW	2	bc	29.97	+ .12	49	45	- 2	NNW	4	bc	2	53	45	-	
Portishead ...	29.81	52	NNW	4	c	29.95	+ .08	47	43	- 5	WSW	4	b	4	57	40	0.02	
Scilly ...	29.99	53	NW	6	bc	30.09	+ .16	52	46	+ 1	NNW	5	bc	4	55	48	0.16	
Plymouth ...	29.90	52	N	3	bc	30.03	+ .07	53	49	0	NNW	3	bc	*	56	40	0.29	
Hurst Castle ...	29.82	53	NNW	3	bc	29.99	+ .07	51	47	- 4	NNW	3	bc	4	56	41	0.10	
Dover ...	29.80	53	WSW	4	c	29.92	+ .00	52	44	- 2	NNW	3	b	3	58	42	0.03	
London ...	29.78	54	N	2	c	29.93	+ .05	48	44	- 4	N	3	bc	*	58	38	0.30	
Oxford ...	*	*	*	*	*	29.93	+ .07	47	43	- 4	WSW	2	c	*	57	37	0.40	
Cambridge ...	29.77	51	NW	1	f	29.89	+ .05	48	44	- 5	SW	1	b	*	56	36	0.14	
Yarmouth ...	29.75	50	N	2	f	29.84	+ .03	48	43	- 6	NNW	2	b	2	57	41	0.46	
The Helder ...	*	*	*	*	*	29.78	- .01	47	44	- 7	NW	2	bc	*	*	*	0.04	
Cape Gris Nez ...	29.80	52	SW	6	f	29.95		46	45		NNW	4	b	4	55	43	0.12	
Jersey ...	29.94	52	N	6	c	30.10	+ .03	49	45	- 3	NW	3	bc	3	55	46	0.07	
Brest ...	30.07	?	NW	4	c	30.10	+ .05	50	48	- 4	NNW	3	b	3	55	46	-	
L'Orient ...	30.05	54	NNW	5	bc	30.15	+ .02	52	48	- 2	NW	3	b	3	61	46	-	
Rochefort ...	30.06	64	NNW	5	c	30.11	- .07	55	52	- 2	NW	5	f	3	72	50	-	
Biarritz ...	30.19	68	N	3	c	30.17	- .04	55	54	- 2	WSW	3	f	3	?	52	0.04	
Corunna ...	*	*	*	*	*			*						*	*	*	*	
Brussels ...	*	*	*	*	*	29.89	- .08	46	45	- 7	N	2	bc	*	59	44	0.28	
Charleville ...	*	*	*	*	*	29.84	- .17	49	*	- 4	WSW	3	f	*	*	*	*	
Paris ...	29.93	58	SW	3	bc	30.00	- .07	52	48	- 2	N	4	b	*	*	*	0.08	
Lyons ...	*	*	*	*	*	30.08	- .14	65	*	+ 1	NNW	4	c	*	*	*	*	
Toulon ...	29.92	68	N	5	b	29.88	- .13	59	52	- 13	N	5	c	5	73	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.58	44	37	NNW	6	c	4	Valencia ...	30.02	54	48	NNW	4	bc	4
Thurso	29.70	47	43	NNW	4	c	4	Scilly	29.94	54	50	NNW	6	c	6
Scarborough ...	29.77	46	43	N	5	c	5	London	29.83	54	52	SW	3	c	*
Greencastle ...	29.85	46	41	NNE	2	c	*	Rochefort ...	30.14	64	59	NW	4	c	3
Holyhead	29.84	50	45	NNW	5	bc	4								

The changes in pressure since the morning are slight and irregular, but the wind is veering towards N.W. and generally, and temperature is falling fast in the N.E.

EXPLANATION OF COLUMNS.

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

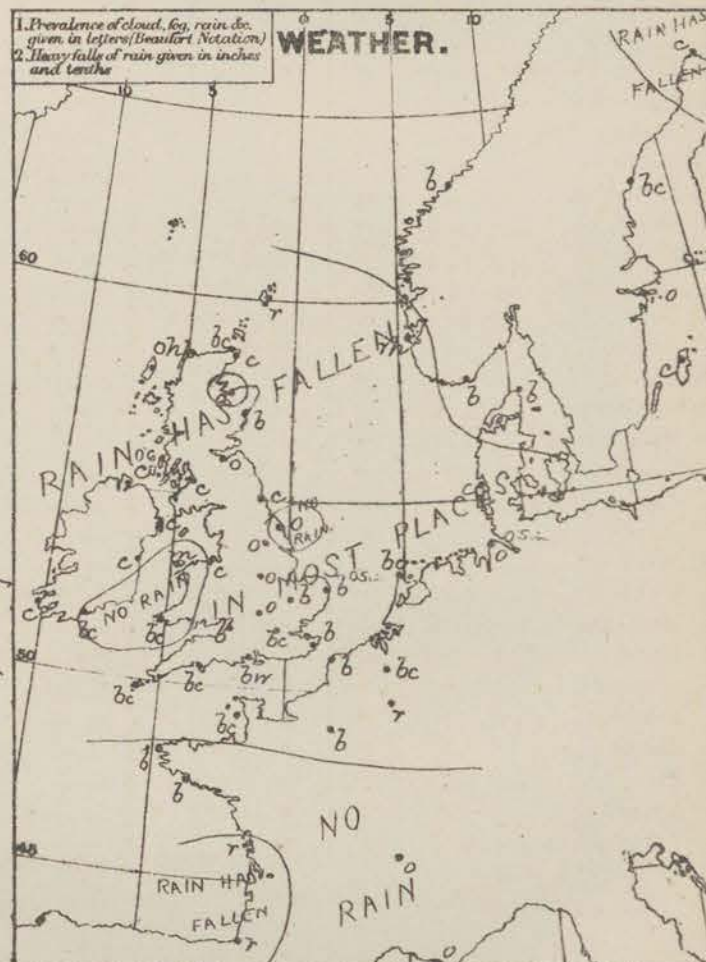
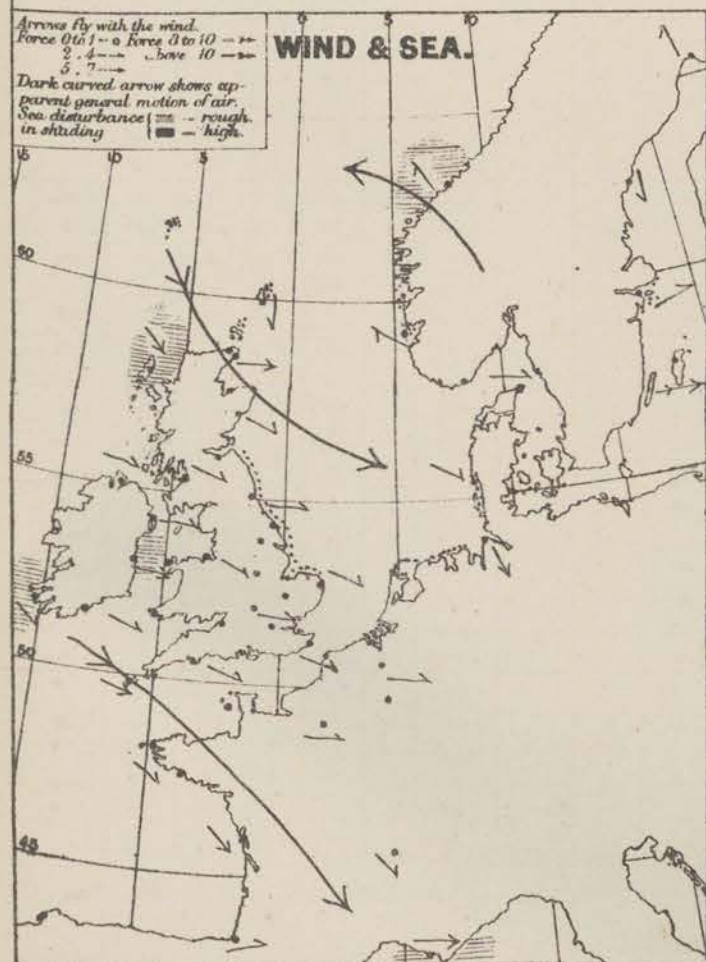
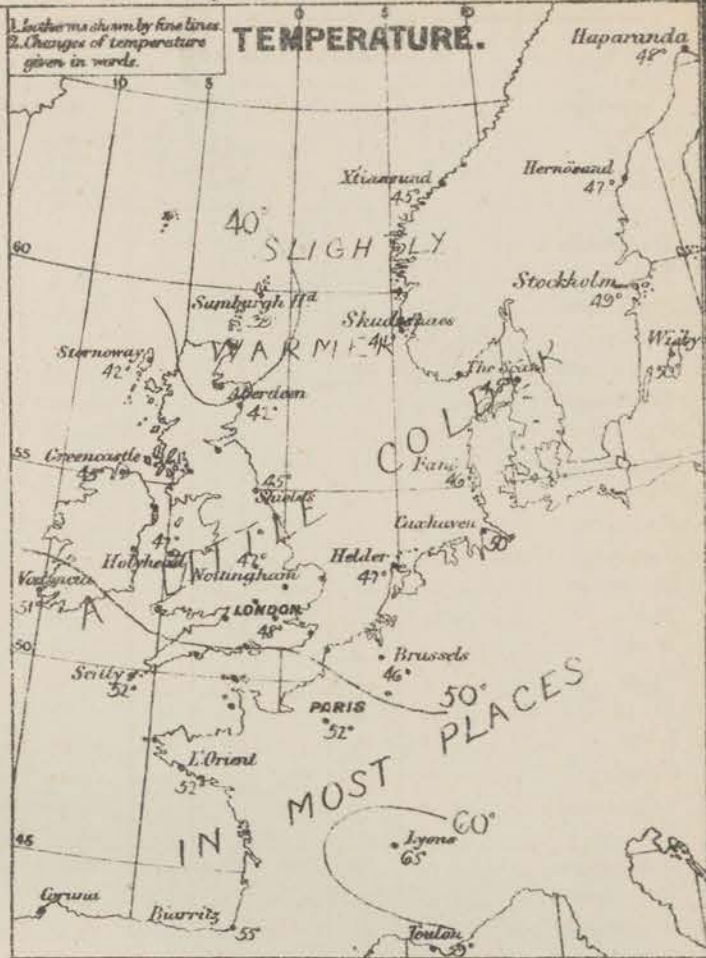
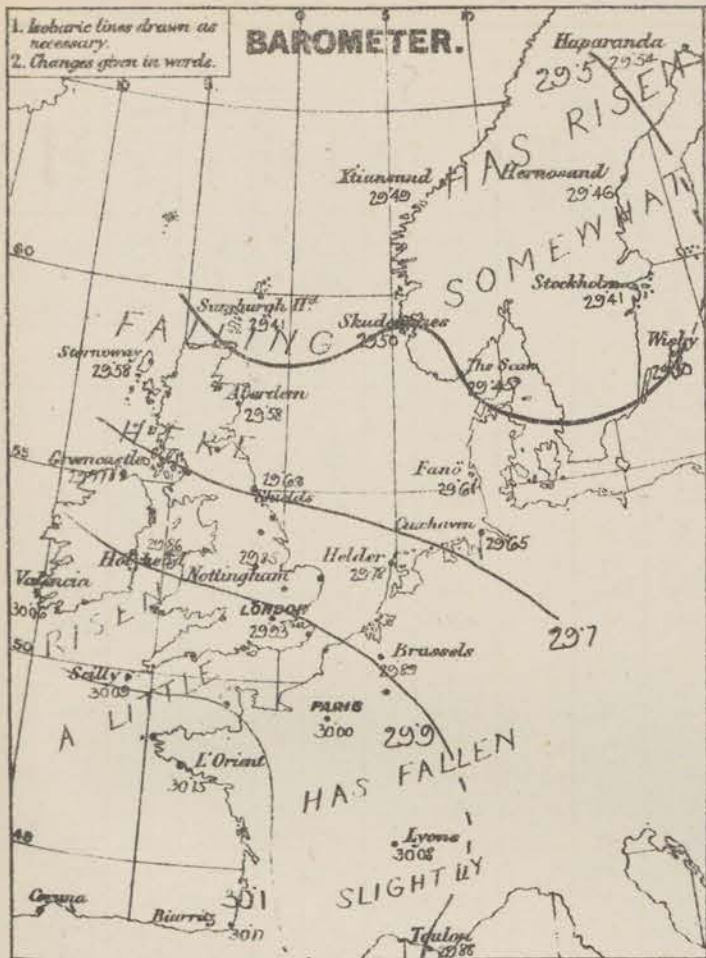
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† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS

for 8 a.m. on Tuesday MAY 21ST 1878.



REMARKS. Weather is clear in the south east of England and north of France, cloudy or overcast elsewhere. Rain is falling at Rochefort and Biarritz and hail showers at Stomony and Skudonae, while a heavy fall of snow is reported from the Western Highlands. Hail occurred in London, Kingston and Caithness yesterday, and rain fell over the greater part of the country. Temperature has decreased in nearly all places; it varies over these Islands from 53° at Plymouth to 38° at Wick; the maximum temperatures yesterday were below 60° at all our stations except Nottingham, and during the night the thermometers in the shade fell to 32° in the north of Scotland, to 33° at York and to 38° in London, while the thermometers on the quays in London descended to 32°. Wind is N^W at Loughlyn H. but is W^W to NW elsewhere; it blows freely or strongly in the north west. Sea is rough at Valentia, moderate in the Channel, slight on our other coasts.

Barometrical Indications. Pressure is increasing at the more southern stations as well as over Denmark and Sweden but is decreasing in the north - the greatest change being reported from the Shetlands. Readings are highest over the Bay of Biscay, and lowest to the NE of Scotland.

Harrings. The north cone was hoisted on the north east coast of England yesterday.

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advance to cover delivery. Delivery by hand
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Metecrological Office,
116, Victoria Street, Westminster, S. W.

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

MAY 22nd

1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.54	53	Z	0	0	29.54	00	50	49	+ 2	N	2	0	*	61	45	-		
Hernösand ...	29.49	41	NNE	2	f	29.48	+ 02	46	44	- 1	NE	4	0	*	*	*	0.20		
Stockholm ...	29.45	48	SW	2	0	29.49	+ 08	50	45	+ 1	NNH	2	bc	*	*	*	0.08		
Wisby ...	29.50	49	SW	4	0	29.58	+ 08	45	43	- 5	NNH	4	0	*	*	*	-		
Christiansund ...	29.54	44	NE	5	0	29.54	+ 05	47	44	+ 2	NN	1	0	4	?	39	-		
Skudesnaes ...	29.52	43	NNH	1	c	29.58	+ 08	46	41	+ 5	NNH	2	c	3	?	?	-		
Oxö (Ålansand) ...	29.53	44	SW	4	bc	29.57	+ 03	45	43	+ 2	NHSH	4	0	3	46	39	-		
Skagen (The Sæw) ...	29.57	45	NNH	6	0	29.56	+ 11	46	42	+ 1	NHSH	3	0	3	54	37	-		
Fanö ...	29.63	45	NHSH	3	0	29.52	- 09	44	41	- 3	NHSH	6	0	*	53	?	0.12		
Cuxhaven ...	29.52	51	NNH	2	c	29.68	+ 03	46	45	- 4	SW	6	0	*	?	43	0.04		
Sumburgh Head ...	29.47	44	NNH	3	0	29.57	+ 10	45	43	+ 6	NNH	1	0	1	46	35	0.05		
Stornoway ...	29.64	43	NN	6	0	29.72	+ 44	45	44	+ 3	N	3	0	3	45	33	0.25		
Thurso ...	29.57	41	N	3	0	29.68	+ 18	45	43	+ 7	NN	4	0	4	45	36	0.50		
Wick ...	29.53	40	NN	3	0	29.67	+ 15	46	44	+ 8	NN	3	0	1	46	35	0.28		
Nairn ...	29.59	43	NN	4	0	29.74	+ 14	47	44	+ 8	NN	2	bc	2	47	39	0.03		
Aberdeen ...	29.53	44	NNH	4	0	29.72	+ 14	46	43	+ 4	NN	4	0	1	47	39	0.47		
Leith ...	29.64	48	NNH	5	bc	29.77	+ 44	52	47	+ 10	NN	3	bc	*	54	39	0.01		
Shields ...	29.71	47	NN	5	c	29.81	+ 12	48	43	+ 3	NN	4	c	3	52	39	-		
Scarborough ...	29.73	48	NN	2	0	29.83	+ 10	55	48	+ 11	NN	2	0	3	55	43	-		
York ...	29.77	48	NNH	3	0	29.86	+ 08	49	45	+ 5	NN	2	bc	*	57	41	0.06		
Nottingham ...	29.87	47	NNH	5	c	29.92	+ 07	51	46	+ 4	N	4	0	*	57	37	0.11		
Ardrossan ...	29.74	48	NNH	7	0	29.81	+ 11	49	44	+ 8	N	2	bc	2	57	38	0.06		
Greencastle ...	29.87	49	N	4	c	29.83	+ 06	47	46	+ 2	S	2	0	*	57	40	0.02		
Donaghadee ...	29.87	43	NNH	3	bc	29.88	+ 08	49	46	+ 10	N	3	0	2	52	39	0.02		
Kingstown ...	29.91	63	NN	6	bc	29.94	+ 04	60	46	+ 3	N	4	c	3	54	43	0.01		
Holyhead ...	29.90	53	NNH	5	c	29.92	+ 06	50	47	+ 3	N	2	bc	2	54	45	0.01		
Liverpool (Bidston) ...	29.8	49	N	4	bc	29.91	+ 11	48	46	+ 2	N	3	0	3	50	41	0.05		
Valencia ...	30.06	53	NNH	3	cp	29.92	- 14	52	47	+ 1	SSE	4	0	4	58	45	0.03		
Roche's Point... ..	30.03	54	NN	4	bc	29.98	- 05	53	47	+ 2	N	2	bc	3	57	44	-		
Pembroke ...	29.97	52	N	4	bc	29.98	+ 01	57	47	+ 2	NNH	2	bc	2	53	47	0.09		
Portishead ...	29.92	53	NHSH	3	bc	29.97	+ 02	52	48	+ 5	N	3	c	3	55	44	0.47		
Scilly ...	30.10	54	NNH	5	bc	30.06	- 03	56	51	+ 4	NHSH	4	bc	3	56	51	-		
Plymouth ...	30.03	54	NN	2	bc	30.02	- 01	53	50	0	SW	3	0	*	59	47	0.03		
Hurst Castle ...	29.95	54	N	5	bc	30.00	+ 01	54	50	+ 3	NNH	3	c	4	56	45	0.14		
Dover ...	29.89	50	NHSH	4	bc	29.96	+ 04	52	48	0	NNH	3	0	2	57	44	0.05		
London ...	29.90	53	NNH	2	bc	29.96	+ 03	52	47	+ 4	NNH	2	bc	*	57	41	0.11		
Oxford ...	*	*	*	*	*	29.97	+ 04	50	45	+ 3	NNH	1	c	*	54	42	0.01		
Cambridge ...	29.54	52	NNH	3	bc	29.93	+ 04	57	46	+ 3	N	2	bc	*	55	38	0.11		
Yarmouth ...	29.87	47	NNH	4	cp	29.87	+ 03	49	45	+ 1	NNH	4	bc	2	52	39	0.06		
The Helder ...	*	*	*	*	*	29.76	- 02	49	46	+ 2	N	4	c	*	*	*	0.16		
Cape Gris Nez ...	29.93	48	N	6	bc	29.99	+ 04	50	48	+ 4	NN	2	bc	2	54	45	0.04		
Jersey ...	30.10	52	N	6	0	30.10	00	53	50	+ 4	N	4	bc	3	55	48	-		
Brest ...	30.19	?	NN	3	0	30.15	- 01	52	50	+ 2	NNH	3	0	3	57	46	-		
L'Orient ...	30.15	54	NN	4	0	30.14	- 01	52	50	0	NN	3	c	3	61	48	-		
Rochefort ...	30.17	63	NN	4	0	30.17	+ 06	55	54	0	E	2	0	3	68	50	-		
Biarritz ...	30.15	66	N	3	0	30.17	00	55	50	0	ENE	3	0	3	?	46	0.04		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	29.95	+ 06	50	47	+ 4	NHSH	4	bc	*	57	44	0.08		
Charleville ...	*	*	*	*	*	29.95	+ 11	48	*	- 1	N	3	0	*	*	*	*		
Paris ...	30.03	56	NNH	4	bc	30.07	+ 07	54	48	+ 2	N	3	0	*	*	*	-		
Lyons ...	*	*	*	*	*	30.12	+ 04	57	*	- 8	N	2	0	*	*	*	*		
Toulon ...	29.82	64	NN	6	bc	29.91	+ 03	54	46	- 5	N	6	0	6	64	?	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.57	49	43	SWH	2	bc	3	Valencia	30.07	56	50	NNH	4	c	4
Thurso	29.45	41	40	N	4	r	4	Scilly	30.10	55	51	NNH	5	bc	4
Scarborough ...	29.70	50	43	NNH	4	c	4	London	29.88	56	50	NNH	3	cp	*
Greencastle ...	29.54	47	41	N	4	c	*	Rochefort ...	30.16	63	55	NN	4	0	3
Holyhead	29.89	51	47	N	5	c	4								

Pressure is increasing in the NN, but is decreasing in the E. while it is steady in the SW.
 Wind is NNW generally and is strong and squally at Yarmouth.

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.

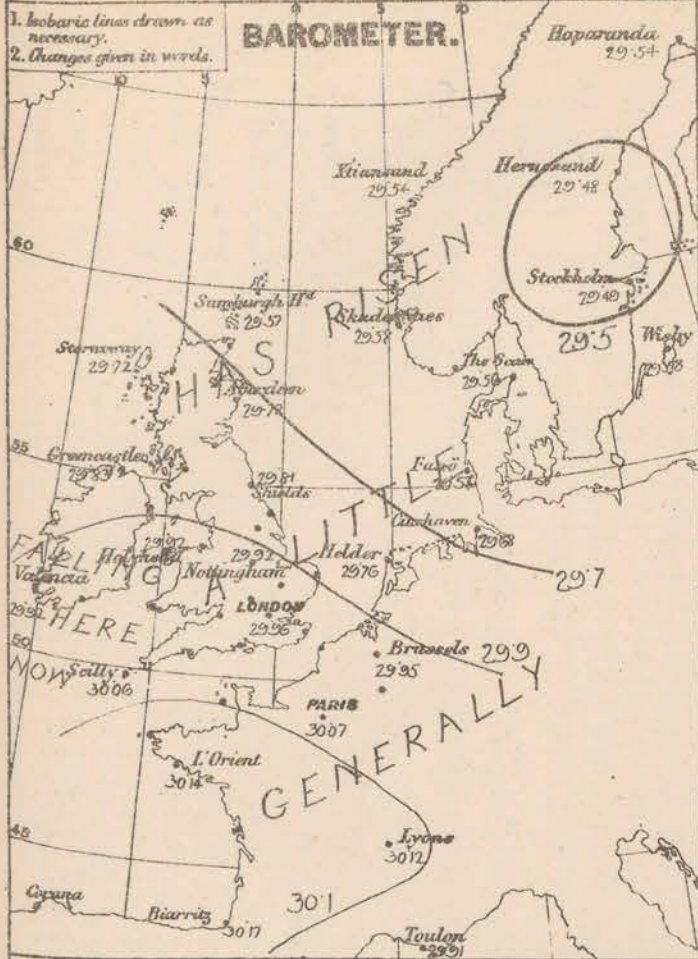
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 22nd May 1878.

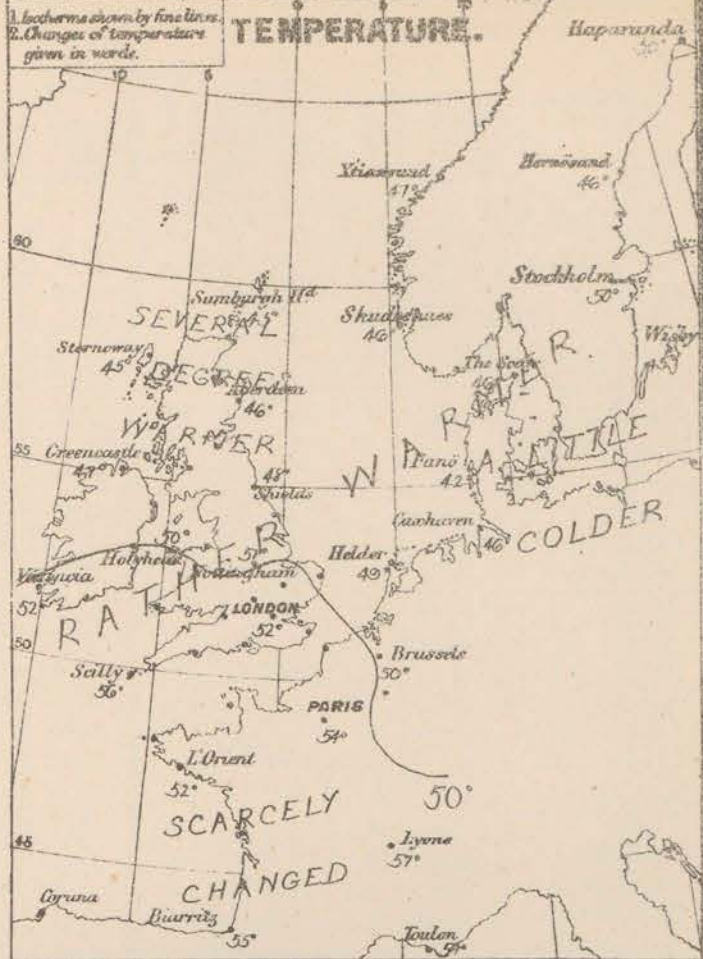
1. Isobars lines drawn as necessary.
2. Changes given in words.

BAROMETER.



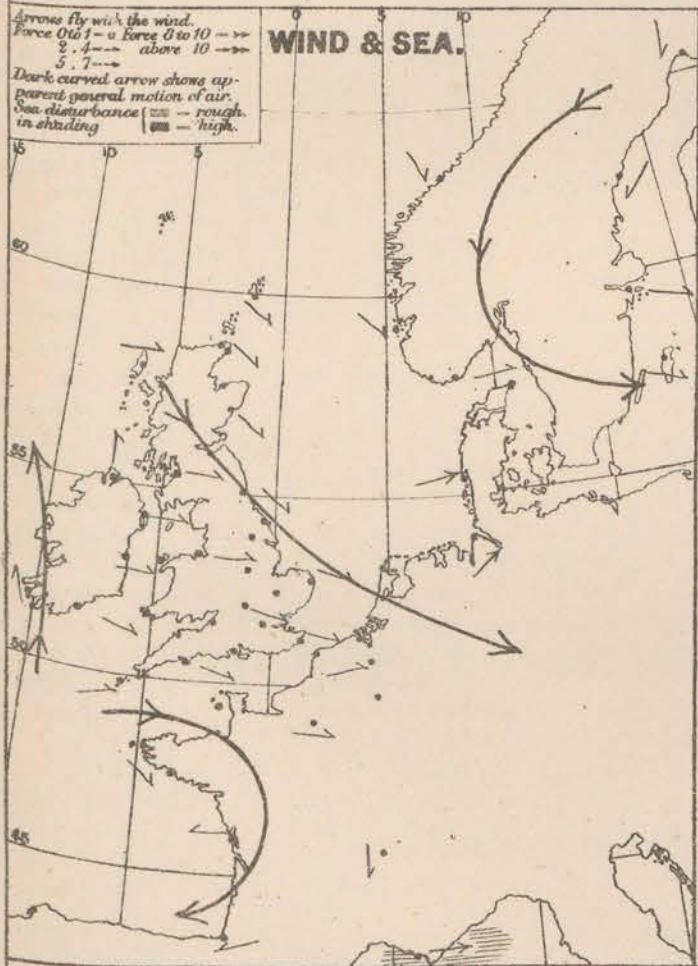
1. Isotherms drawn by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



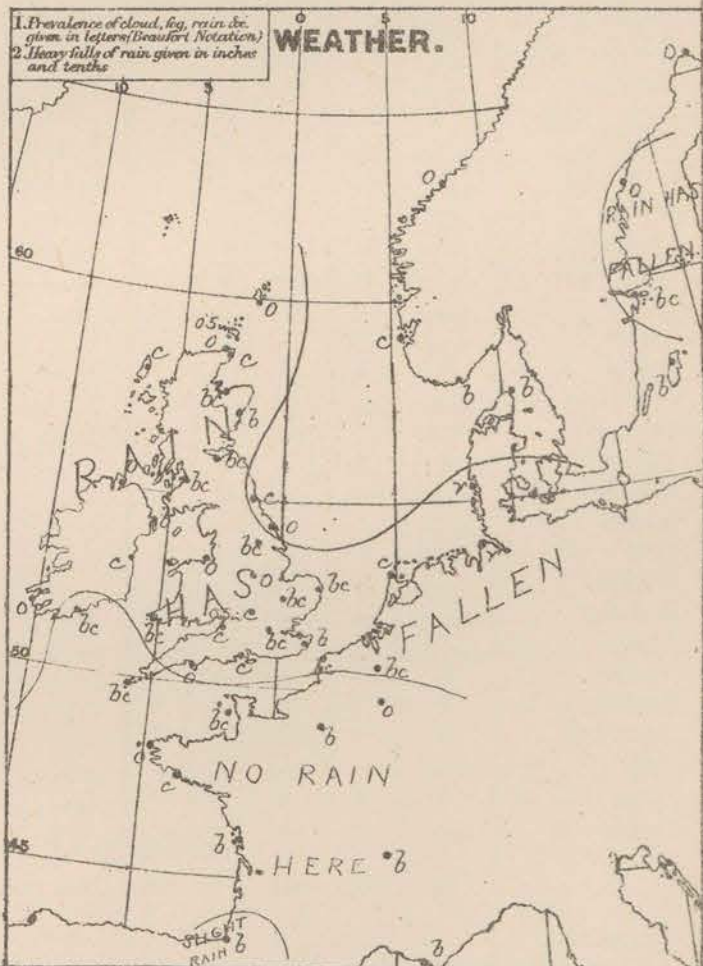
1. Arrows fly with the wind.
 - Force 0 to 1 - a force 0 to 10 -
 2. 4 - above 10 -
 3. 7 -
- Dark curved arrow shows apparent general motion of air. Sea disturbance (---) - rough in shading (---) - high.

WIND & SEA.



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

WEATHER.



REMARKS. Weather is clear at some places, more particularly in the south of France and south east of England, but the sky is generally rather cloudy and rain is falling in North Germany. Rain occurred at nearly all stations yesterday; thunderstorms passed over London and Cambridge, hail fell at Leith and Shields and snow at Andersons. Temperature is higher over these Islands, the west of France and Norway than it was yesterday, but is lower in the Netherlands and east of France; at our north eastern stations the rise is considerable and temperature is very uniform over these Islands, varying from 56° at Lully, to 65° at Thorne. In London yesterday the thermometer only reached 57° in the shade, while during the night it fell to 41° in the shade and 31° on the ground. Wind is W to NW on most coasts, but has gradually backed during the night to SSE at Valentia; it is moderate or light everywhere. Sea is moderate off the west of Ireland, slight elsewhere.

Barometrical Indications. Barometer is rising very somewhat on our south west coasts as well as over North Germany, increasing in all other places. It is highest over south France and lowest over London.

Warnings. The warning signals were lowered in the east of England yesterday afternoon.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

MAY 23rd

1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 12).		Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.50	49	SE	2	r	29.40	- .14	52	49	+ 2	NE	4	o	*	61	43	0.59	
Hernösand ...	29.51	43	SE	2	f	29.43	- .08	46	45	o	E	2	o	*	*	*	-	
Stockholm ...	29.50	48	SH	2	o	29.48	- .01	42	47	+ 2	SH	4	o	*	*	*	-	
Wisby ...	29.60	45	SH	6	o	29.60	+ .02	45	43	o	NNH	6	o	*	*	*	-	
Christiansund ...	29.57	46	NNH	2	o	29.56	+ .02	46	43	- 1	H	1	o	3	50	43	-	
Skudesnaes ...	29.65	46	NNH	4	bc	29.63	+ .05	48	42	+ 2	NNH	2	o	2	48	46	-	
Oxö (Ktiansand) ...	29.57	50	H	4	o	29.58	+ .07	45	42	o	NNH	4	o	3	50	37	-	
Skagen (The Saaw) ...	29.60	46	H	4	o	29.60	+ .04	47	42	+ 1	H	5	o	5	57	37	-	
Fanö ...	29.76	46	NNH	4	e	29.73	+ .21	52	48	+ 10	H	4	e	*	54	29	0.12	
Cuxhaven ...	29.84	50	NNH	6	e	29.81	+ .13	48	47	+ 2	SH	1	o	*	50	43	0.16	
Sumburgh Head ...	29.65	46	NNH	3	o	29.58	+ .01	48	44	+ 3	SE	3	bc	2	50	37	0.02	
Stornoway ...	29.69	49	NNH	2	o	29.52	- .20	47	45	+ 2	ENE	3	r	2	51	37	-	
Thurso ...	29.69	47	NH	2	e	29.57	- .11	49	45	+ 4	Z	o	o	3	52	33	0.01	
Wick ...	29.70	48	NH	1	o	29.58	- .09	48	44	+ 2	SE	1	o	0	54	32	-	
Nairn ...	29.71	51	NNH	1	bc	29.56	- .18	45	42	- 2	H	1	bc	1	56	38	0.04	
Aberdeen ...	29.72	48	S	1	r	29.56	- .16	47	45	+ 1	NE	1	o	1	55	40	0.09	
Leith ...	29.72	52	NNH	3	bc	29.50	- .27	49	46	- 3	SE	2	e	*	59	42	-	
Shields ...	29.78	52	NNH	2	e	29.53	- .28	46	45	- 2	SE	2	o	2	56	45	-	
Scarborough ...	29.81	53	H	1	e	29.54	- .29	47	46	- 8	SSE	2	r	2	56	46	0.03	
York ...	29.84	54	H	1	e	29.51	- .35	47	46	- 2	SSW	2	r	*	58	45	0.17	
Nottingham ...	29.85	54	NNH	2	o	29.49	- .43	49	48	- 2	SSE	3	o	*	60	44	0.11	
Ardrossan ...	29.75	52	SH	3	bc	29.46	- .35	51	48	+ 2	E	2	r	2	54	47	0.02	
Greencastle ...	29.73	52	NNE	1	o	29.40	- .43	48	46	+ 1	ENE	2	o	*	56	45	0.16	
Donaghadee ...	29.66	51	SH	3	e	29.38	- .50	47	47	- 2	E	6	r	4	56	46	0.17	
Kingstown ...	29.81	51	S	3	r	29.30	- .64	53	52	+ 3	SE	2	e	2	55	47	0.25	
Holyhead ...	29.83	52	SSE	3	o	29.35	- .57	53	52	+ 3	SSH	2	mv	1	56	48	0.37	
Liverpool (Bidston) ...	29.84	51	NNH	1	o	29.39	- .52	48	47	o	ESE	4	o	2	55	45	0.21	
Valencia ...	29.52	51	SE	7	r	29.30	- .62	53	52	+ 1	H	2	odm	3	55	49	0.81	
Roche's Point ...	29.68	52	S	6	o	29.28	- .70	54	52	+ 1	SH	3	e	4	57	43	0.32	
Pembroke ...	29.86	52	S	2	o	29.37	- .61	53	52	+ 2	SSH	2	o	3	58	48	0.57	
Portishead ...	29.87	56	SH	5	r	29.41	- .56	56	54	+ 4	SSH	3	e	4	59	45	0.81	
Scilly ...	29.83	53	S	7	o	29.47	- .59	53	52	- 3	NNH	6	og	6	60	52	0.14	
Plymouth ...	29.91	54	S	3	o	29.46	- .56	54	54	+ 1	SH	3	o	*	60	50	0.26	
Hurst Castle ...	29.95	54	NNH	4	e	29.49	- .51	54	54	o	S	5	m	5	58	49	0.20	
Dover ...	29.95	53	SH	3	bc	29.61	- .35	52	50	o	SH	4	e	3	58	50	0.08	
London ...	29.92	56	SH	3	ow	29.55	- .41	51	50	- 1	S	5	o	*	59	47	0.30	
Oxford ...	*	*	*	*	*	29.49	- .48	49	49	- 1	SSE	3	r	*	56	42	0.27	
Cambridge ...	29.90	54	SH	1	o	29.56	- .37	51	48	o	ESE	1	or	*	59	44	0.04	
Yarmouth ...	29.90	54	NNH	1	bc	29.63	- .24	49	48	o	NE	5	e	3	55	47	-	
The Helder ...	*	*	*	*	*	29.93	- .03	52	47	+ 3	SSH	2	e	*	*	*	0.00	
Cape Gris Nez ...	29.98	52	SH	4	e	29.65	- .34	54	50	+ 4	S	4	o	3	55	46	0.04	
Jersey ...	30.00	53	S	1	o	29.58	- .52	55	55	+ 2	SH	4	ow	3	58	50	0.30	
Brest ...	30.00	?	S	4	o	29.63	- .52	55	54	+ 3	NNH	4	m	5	52	50	0.55	
L'Orient ...	30.04	55	SH	3	o	29.63	- .51	57	57	+ 5	SH	3	r	3	61	50	0.10	
Rochefort ...	30.09	66	NNH	1	o	29.79	- .38	59	55	+ 4	SH	5	r	3	68	50	0.24	
Biarritz ...	30.05	66	NNE	3	o	29.92	- .25	63	57	+ 8	SSH	2	r	3	66	54	-	
Corunna ...	*	*	*	*	*	29.99	- .19	46	*	- 18	SH	6	cp	1	*	*	*	
Brussels ...	*	*	*	*	*	29.75	- .20	54	52	+ 4	SSH	4	o	*	60	49	-	
Charleville ...	*	*	*	*	*	29.86	- .09	48	*	o	S	3	o	*	*	*	*	
Paris ...	30.03	59	NNH	2	bc	29.76	- .31	51	47	- 3	SSE	3	r	*	*	*	-	
Lyons ...	*	*	*	*	*	29.98	- .14	59	*	+ 2	SE	2	o	*	*	*	*	
Toulon ...	29.97	64	NH	6	o	30.05	+ .14	61	55	+ 7	NE	1	o	3	68	52	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.64	48	42	NN	6	o	3	Valencia	29.72	53	50	SE	6	ogm	6
Thurso	29.71	48	46	NN	3	e	4	Scilly	29.97	59	55	S	5	o	4
Scarborough ...	29.85	54	48	N	1	o	2	London	29.96	59	52	NW	2	e	*
Greencastle ...	29.81	51	48	S	1	o	*	Rochefort ...	30.14	65	61	NN	2	o	3
Holyhead	29.90	55	50	NN	4	e	3								

Pressure is decreasing quickly in the S. of Ireland and slightly at our other western stations, elsewhere there is little change. The SE wind has increased at Valencia and the sea is rising.

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.

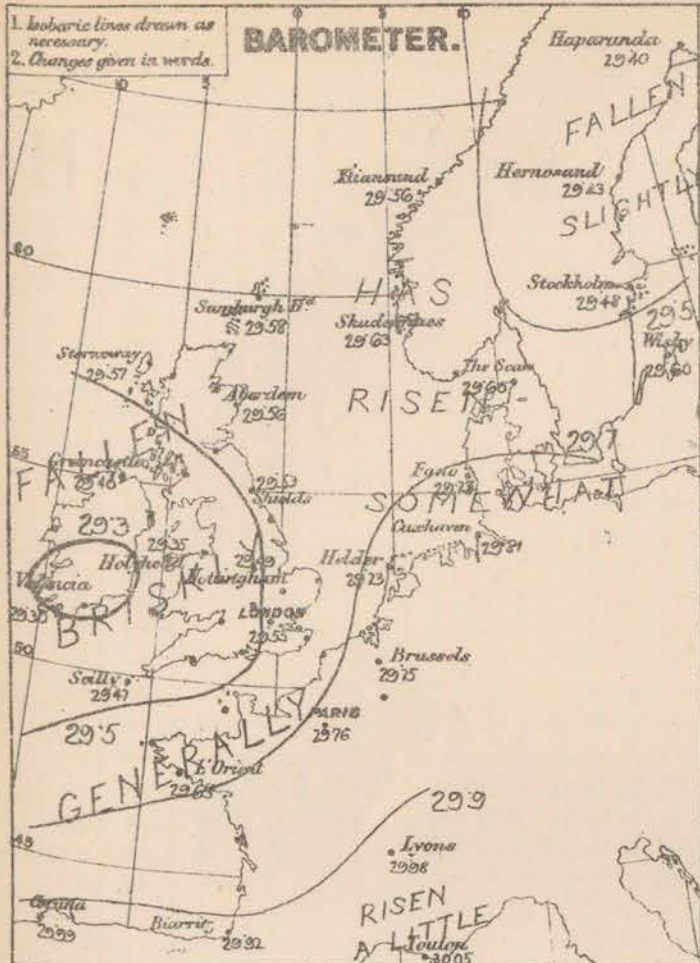
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 MAY 23RD 1878.

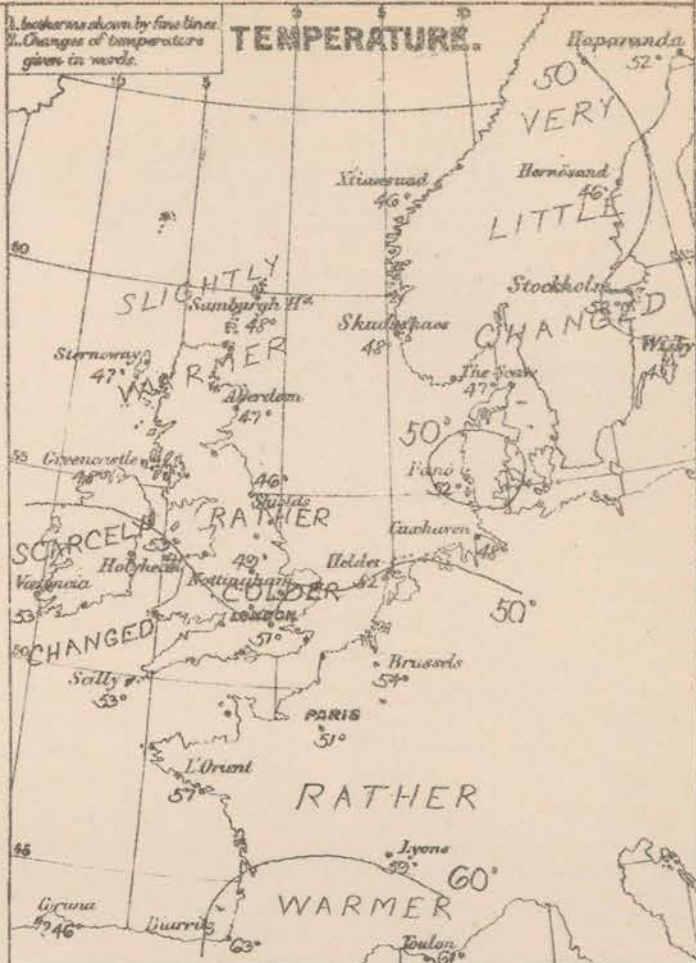
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



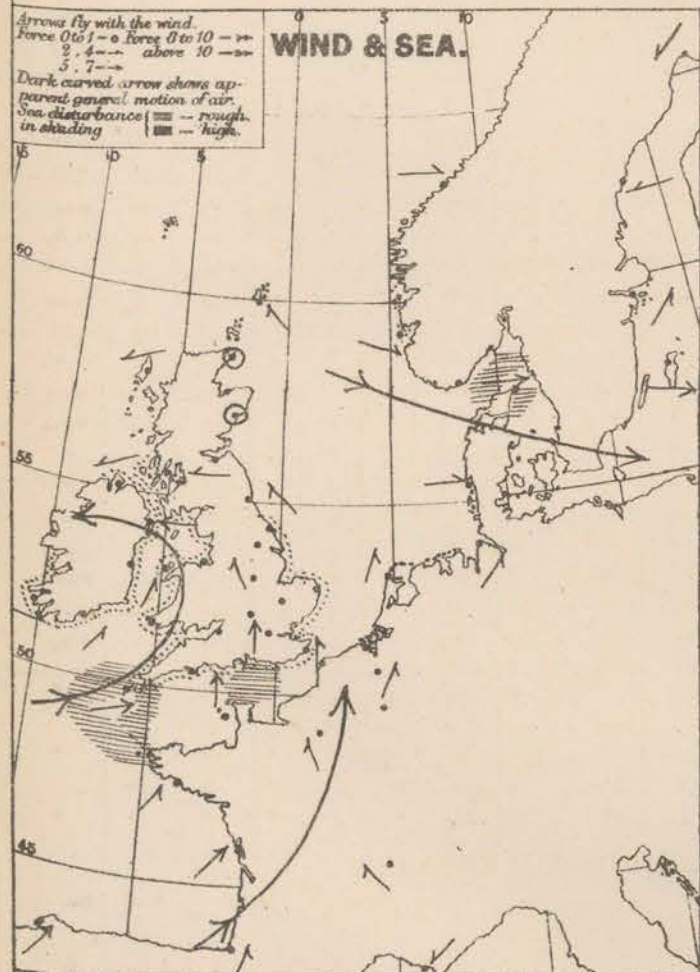
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



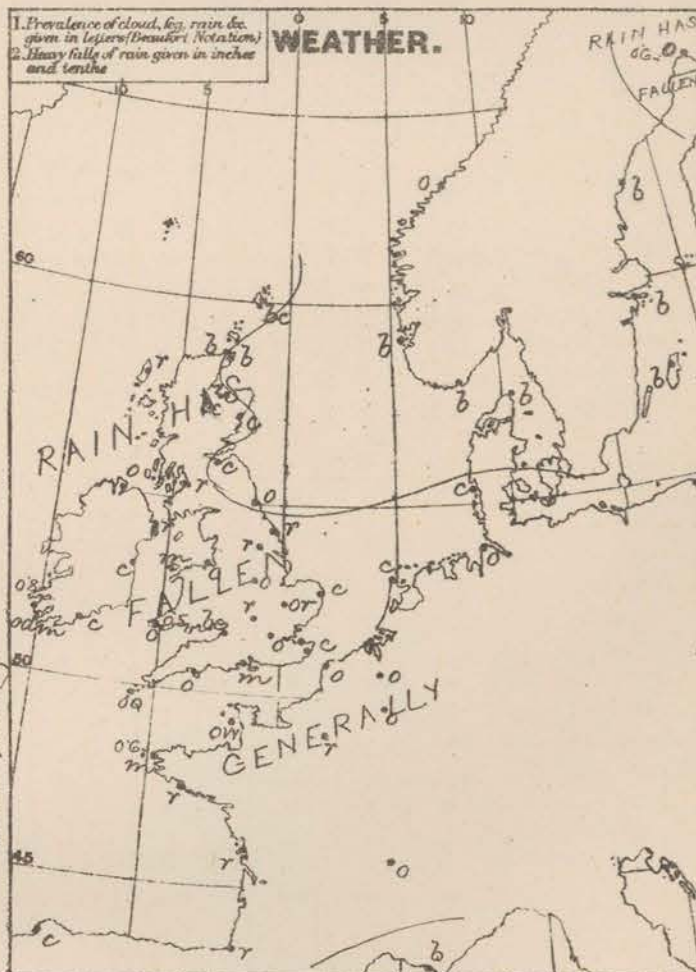
1. Arrows fly with the wind. Force 0 to 10 — 1 to 10 — 2, 4 — above 10 — 5, 7 —
2. Dark curved arrow shows apparent general motion of air.
3. Sea disturbance: — rough in shading — high.

WIND & SEA.



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

WEATHER.



REMARKS. Weather is overcast or cloudy except in Scandinavia, Caithness and at Toulon; rain is falling in many parts of these Islands as well as in the west of France, and mist is reported from Valentia, Port and Hurst Castle. Rain has fallen everywhere the heaviest amounts being 0.8 in. at Valentia and 0.5 in. at Port and Hurst; thunder was heard at Portludoch and Harrow yesterday. Temperature has changed little and rather irregularly; it varies from 56° on our south coast to 45° at Harrow; during yesterday the thermometer in the shade rose to 54° in London. Wind is strong in force at Lill, but is light or moderate elsewhere; it is S.W. in the south west, S. in the south east and east and E. in the north; during last night a hard S.W. gale was experienced at Lill, and a moderate gale at Valentia and in the Bristol Channel. Sea is rather rough in the western half of the Channel, moderate to smooth elsewhere.

Barometrical Indications. Pressure has decreased over the whole of Western Europe, the change has been brisk over the whole of these Islands and rapid in the south of Ireland, where the barometer has fallen nearly three quarters of an inch. A well-defined depression is shown in that neighbourhood.

Warnings. — Our west and south west coasts were warned yesterday afternoon, and the following message was sent to our east, south and north west coasts in the evening: — "Depression coming over Ireland. Barometer falling rapidly Valentia. Heavy rain and S.W. gale. Wednesday, 6.50 p.m."

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT MAY 24TH 1878.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer at 320 F. and Sea Level.	SHADE TEMP.		WIND.	Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.					
			Dir.	Force (0 to 12).			Dry.	Wet.				Max.	Min.						
Haparanda	29.40	50	NE	2	0	29.44	+0.04	51	48	1	NE	2	0	*	57	43	-		
Hernösand	29.40	51	NNW	2	0	29.43	00	50	48	4	NNW	2	0	*	*	*	0.20		
Stockholm	29.37	49	SW	2	0	29.57	+0.03	53	45	1	W	4	0	*	*	*	-		
Wisby	29.60	50	WSW	6	0	29.62	+0.02	48	45	3	W	6	0	*	*	*	-		
Christiansund	29.54	46	W	2	0	29.47	-0.07	50	46	4	E	1	0	*	50	46	-		
Skudesnaes	29.57	46	NNW	4	0	29.39	-0.24	52	46	4	ENE	2	0	*	?	46	-		
Oxö (Christiansund)	29.52	46	SW	4	0	29.40	-0.18	46	45	1	ENE	4	0	*	48	41	-		
Skagen (The Seaw)	29.51	48	WSW	2	0	29.39	-0.21	50	48	3	SE	4	0	*	55	43	0.20		
Fanö	29.49	49	SSE	4	0	29.27	-0.46	50	51	1	S	4	0	*	55	48	0.16		
Cuxhaven	29.59	56	SW	1	0	29.33	-0.48	55	55	7	SW	2	0	*	?	45	0.20		
Samburgh Head	29.56	47	ESE	2	0	29.48	-0.10	48	44	0	ENE	3	0	*	50	39	-		
Stornoway	29.46	49	ENE	4	0	29.47	-0.05	48	46	1	ENE	4	0	*	50	40	0.01		
Thurso	29.49	49	E	2	0	29.47	-0.10	47	45	2	E	1	0	*	52	42	0.01		
Wick	29.49	48	E	3	0	29.47	-0.11	50	47	2	S	2	0	*	56	42	-		
Nairn	29.46	48	ENE	2	0	29.47	-0.09	44	43	1	ENE	1	0	*	54	39	0.05		
Aberdeen	29.46	50	SE	1	0	29.43	-0.13	49	44	2	NE	3	0	*	55	46	-		
Leith	29.38	47	E	3	0	29.38	-0.12	46	46	3	ENE	4	0	*	52	45	0.08		
Shields	29.35	46	ESE	4	0	29.32	-0.21	47	46	1	NNE	2	0	*	48	45	0.20		
Scarborough	29.31	47	ESE	2	0	29.27	-0.27	47	47	0	SE	2	0	*	47	46	0.61		
York	29.28	52	NE	1	0	29.26	-0.25	51	49	4	NNE	2	0	*	53	40	0.50		
Nottingham	29.26	58	SW	4	0	29.27	-0.22	52	52	3	NNW	1	0	*	64	48	0.06		
Ardrossan	29.34	50	E	4	0	29.37	-0.09	48	45	3	NE	3	0	*	55	46	0.02		
Greencastle	29.34	48	NE	2	0	29.41	+0.01	50	46	2	NE	1	0	*	53	44	0.18		
Donaghadee	29.29	48	ESE	5	0	29.37	-0.01	48	46	1	NE	6	0	*	48	46	0.26		
Kingstown	29.24	56	Z	0	0	29.26	+0.06	48	47	5	NNW	5	0	*	57	47	0.15		
Holyhead	29.26	53	SW	2	0	29.29	-0.06	50	49	3	N	3	0	*	60	49	0.01		
Liverpool (Bidston)	29.24	56	N	1	0	29.26	-0.13	50	49	2	NE	2	0	*	59	48	0.45		
Valencia	29.35	52	NNW	4	0	29.63	+0.23	50	45	3	NNW	4	0	*	57	48	0.16		
Roche's Point	29.30	55	W	5	0	29.40	+0.12	50	47	4	NNE	6	0	*	61	43	0.29		
Pembroke	29.29	58	WSW	7	0	29.27	-0.10	50	49	3	NNW	3	0	*	56	49	0.03		
Portishead	29.36	55	SW	4	0	29.29	-0.12	54	57	2	SW	5	0	*	61	48	0.03		
Scilly	29.49	55	W	7	0	29.41	-0.06	53	50	0	NNW	6	0	*	57	50	0.02		
Plymouth	29.40	55	SW	4	0	29.34	-0.12	55	52	1	SW	4	0	*	60	51	-		
Hurst Castle	29.41	57	W	6	0	29.35	-0.14	56	53	2	W	5	0	*	58	52	0.01		
Dover	29.46	53	WSW	5	0	29.35	-0.26	53	52	1	SW	4	0	*	54	57	0.04		
London	29.34	59	SSW	4	0	29.33	-0.22	55	57	4	SW	1	0	*	62	50	-		
Oxford	29.30	59	SE	1	0	29.30	-0.19	53	50	4	WSW	2	0	*	61	49	-		
Cambridge	29.30	59	SE	1	0	29.31	-0.25	54	57	3	SW	1	0	*	64	48	0.01		
Yarmouth	29.33	54	S	4	0	29.30	-0.33	54	57	5	SW	3	0	*	55	49	0.05		
The Heider	29.32	54	SW	3	0	29.32	-0.43	54	52	2	SW	3	0	*	*	*	0.12		
Cape Gris Nez	29.56	55	W	6	0	29.45	-0.13	50	?	5	W	5	0	*	56	47	0.20		
Jersey	29.54	54	W	5	0	29.54	-0.09	54	52	1	NNW	5	0	*	57	45	0.12		
Brest	29.65	54	W	5	0	29.56	-0.07	54	50	3	NNW	5	0	*	59	48	0.12		
L'Orient	29.79	61	W	6	0	29.67	-0.12	63	61	4	WSW	6	0	*	63	50	1.22		
Rochefort	29.85	66	ENE	1	0	29.72	-0.20	72	64	9	SSW	3	0	*	73	59	0.08		
Biarritz	29.85	66	ENE	1	0	29.72	-0.20	72	64	9	SSW	3	0	*	73	59	0.08		
Corunna	29.85	66	ENE	1	0	29.72	-0.20	72	64	9	SSW	3	0	*	73	59	0.08		
Brussels	29.43	52	SW	3	0	29.43	-0.32	52	57	2	SW	3	0	*	59	50	0.16		
Charleville	29.46	56	SW	3	0	29.46	-0.40	56	57	8	SW	3	0	*	*	*	*		
Paris	29.49	58	SW	4	0	29.49	-0.27	58	56	7	SW	5	0	*	*	*	0.28		
Lyons	29.51	59	SW	4	0	29.51	-0.27	58	56	7	SW	5	0	*	*	*	*		
Toulon	29.51	59	SW	4	0	29.51	-0.27	58	56	7	SW	5	0	*	*	*	*		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.53	50	43	NNN	4	0	2	Valencia	29.35	55	52	NNN	4	0	5
Thurso	29.52	48	46	ENE	1	0	3	Scilly	29.48	57	53	N	7	0	6
Scarborough ...	29.39	47	47	SE	3	0	3	London	29.39	62	58	WSN	3	0	7
Greencastle ...	29.36	50	48	NE	1	0	4	Rochefort ...	29.76	61	59	WSN	6	0	7
Holyhead	29.28	56	55	SSN	3	0	2								

Pressure is recovering slightly in the SW. but is decreasing elsewhere. The wind has veered to NW. at Valencia and to W. at Scilly. The weather is cloudy and showery.

EXPLANATION OF COLUMNS.

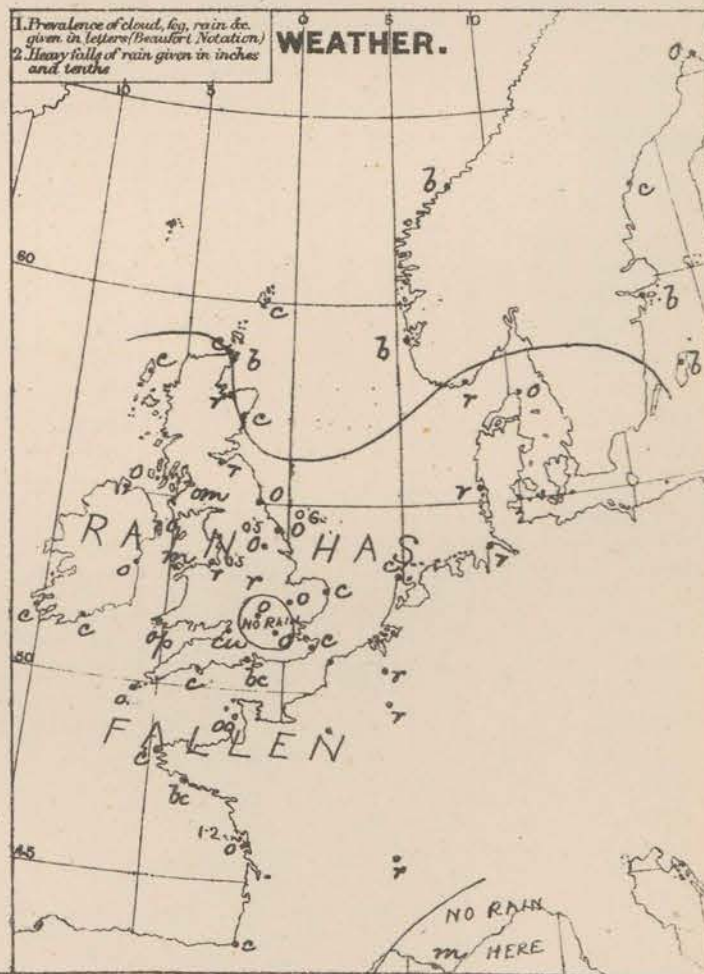
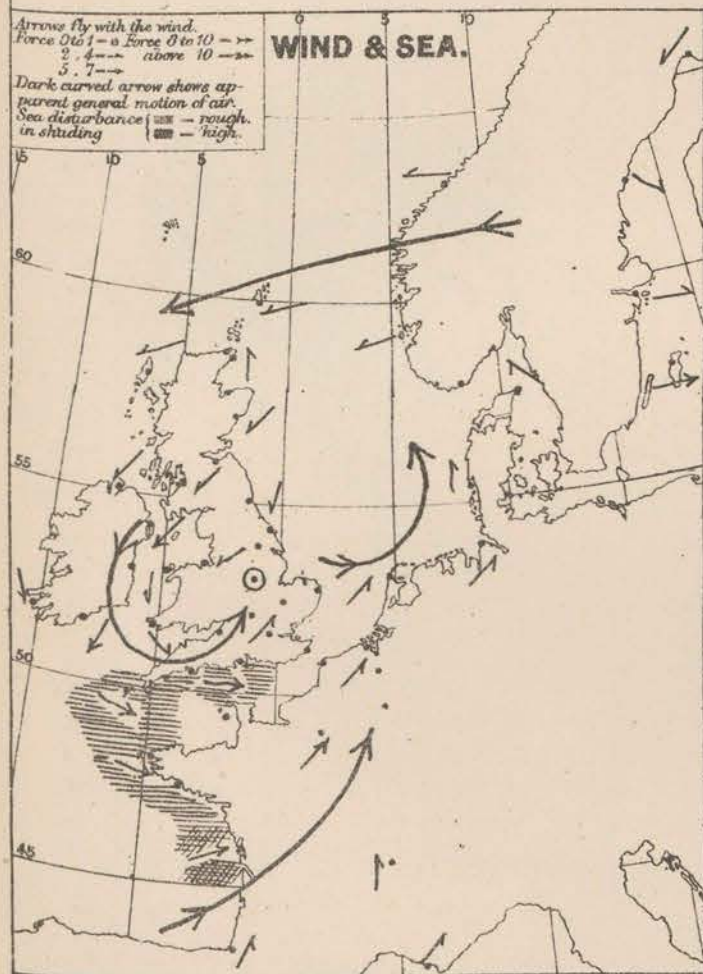
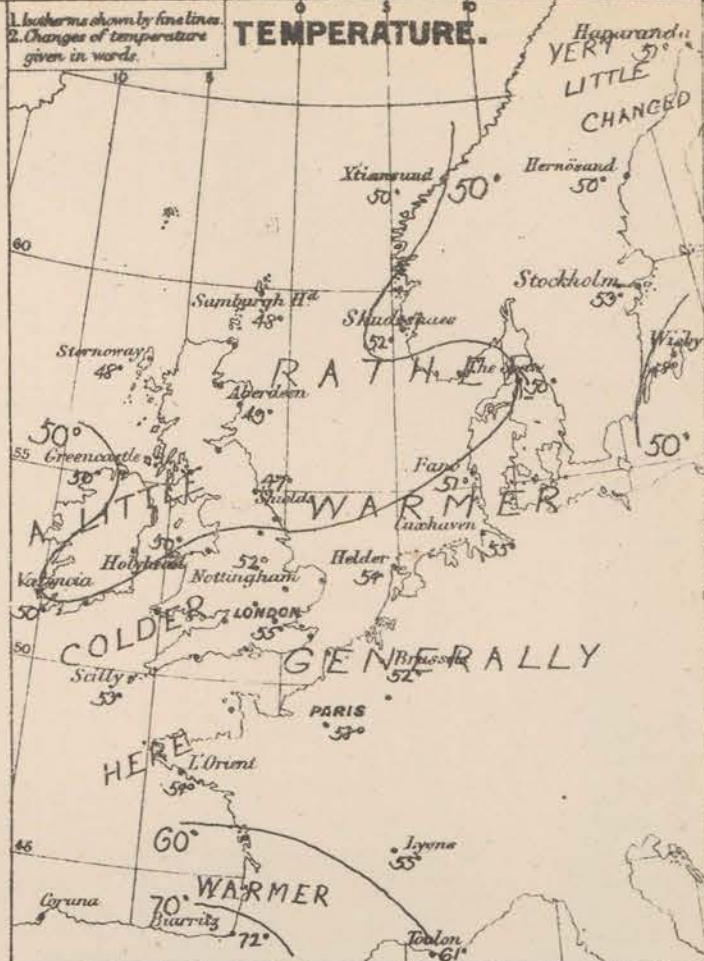
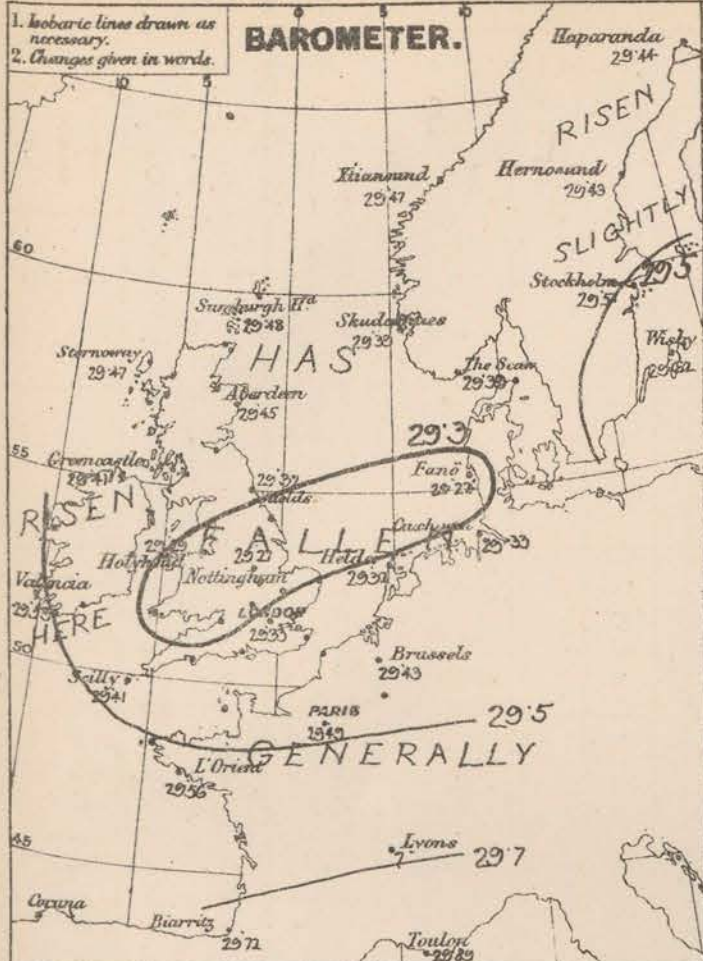
WEATHER.--Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on *Friday* 24TH MAY 1878.



REMARKS. Weather is overcast or cloudy at all except a few of the Scandinavian stations; rain is reported from North Germany, the east of France and the east of Scotland, mist at Andover, and squalls at Jersey. Rain has occurred generally - more than half an inch in the north east of England. Temperature has changed irregularly but has risen at most of the south eastern stations; it varies from 30° at Hurst Castle to 44° at Havre; during yesterday the thermometer in the shade rose to 73° at Biarritz to 66° at Cambridge and Nottingham and to 62° in London. Wind is E⁴ to NE³ in the north, N¹ in the west and W¹ in the south; at some of the western and southern stations it blows fresh. Sea is still rough in the Channel, moderate to slight on our other coasts.

Barometrical Indications. Pressure has decreased rapidly on the eastern shores of the North Sea, slightly at most of our stations, but in the south west it is recovering somewhat. A long narrow depression, having two centres, stretches from the St. George's Channel across England and the North Sea to Denmark.

Warnings. The warning signals have been lowered on all coasts.

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

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

R. H. SCOTT.
Secretary.

Danderfield, Ark. 22 April 1901

DAILY WEATHER REPORT MAY 25th 1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 350 fms. and Sea Level.	Temp. in shade.	Wind.		Weather.	Barometer.		SHADE TEMP.			Wind.		Weather.	Sea (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 13).		Reading at 350 fms. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 13).			Max.	Min.			
Haparanda ...	29.57	54	SW	2	0	29.58	+ .14	54	50	+ 3	SW	2	0	*	57	46	-		
Hernösand ...	29.49	49	S	1	0	29.52	+ .04	46	44	- 4	E	4	0	*	50	46	-		
Stockholm ...	29.57	49	SSE	4	0	29.36	- .15	49	48	- 4	ESE	4	0	*	50	46	0.08		
Wisby ...	29.52	50	E	8	0	29.35	- .17	53	51	+ 5	E	6	0	*	50	46	0.04		
Christiansund ...	29.35	52	E	3	0	29.25	- .10	52	47	+ 2	E	2	0	2	54	36	-		
Skudesnaes ...	29.25	48	NNH	4	0	29.20	- .05	50	48	- 2	NNH	4	0	0	52	48	0.08		
Oxö (Klamsund) ...	29.24	50	ENE	4	0	29.15	- .09	48	48	+ 2	NNE	2	0	3	50	46	-		
Skagen (The Saw) ...	29.26	51	SE	4	0	29.19	- .07	51	50	+ 1	SE	0	0	2	52	45	0.35		
Fanö ...	29.23	52	SSH	4	0	29.22	- .01	50	50	- 1	SSH	4	0	*	55	46	0.20		
Cuxhaven ...	29.31	59	SW	3	0	29.31	- .02	53	52	- 2	SSH	4	0	*	59	48	0.34		
Sumburgh Head ...	29.43	49	ENE	3	0	29.39	- .04	48	45	0	NNH	2	0	2	51	42	0.07		
Stornoway ...	29.47	50	ENE	5	0	29.51	+ .04	49	44	+ 1	N	1	0	1	51	37	-		
Thurso ...	29.46	49	NNE	1	0	29.46	- .01	48	45	+ 2	NNH	2	0	3	51	43	0.03		
Wick ...	29.46	50	SE	0	0	29.46	- .01	48	44	- 2	N	3	0	1	56	38	-		
Nairn ...	29.48	50	SE	0	0	29.51	+ .04	48	42	+ 4	NNH	2	0	1	54	41	-		
Aberdeen ...	29.43	51	NE	3	0	29.48	+ .05	48	44	- 1	NNH	3	0	2	53	37	-		
Leith ...	29.43	48	ESE	2	0	29.51	+ .08	55	50	+ 9	NNH	1	0	*	56	42	0.05		
Shields ...	29.40	48	NNE	2	0	29.53	+ .13	48	45	+ 1	SSH	1	0	1	51	39	0.03		
Scarborough ...	29.36	48	N	3	0	29.55	+ .19	51	47	+ 4	NNH	1	0	2	53	42	-		
York ...	29.37	49	NNE	3	0	29.57	+ .21	49	45	- 2	SSH	1	0	*	53	36	-		
Nottingham ...	29.36	48	N	4	0	29.62	+ .26	55	51	+ 3	NNH	2	0	*	57	37	0.28		
Ardrossan ...	29.45	49	NNH	3	0	29.54	+ .09	50	47	+ 2	NNH	3	0	2	59	40	0.09		
Greencastle ...	29.50	50	NNH	2	0	29.59	+ .09	48	45	- 2	NNH	1	0	*	57	41	0.05		
Donaghadee ...	29.50	49	NNE	3	0	29.60	+ .10	52	49	+ 4	NNH	4	0	2	56	44	-		
Kingstown ...	29.50	49	NNH	4	0	29.66	+ .16	48	46	0	NNH	5	0	4	52	43	0.08		
Holyhead ...	29.45	50	NNE	5	0	29.63	+ .18	50	47	0	NNH	4	0	3	53	47	0.04		
Liverpool (Bidston) ...	29.40	49	NE	2	0	29.60	+ .20	51	49	+ 1	NNH	3	0	2	56	47	0.04		
Valencia ...	29.68	53	NNH	4	0	29.75	+ .07	53	50	+ 3	N	4	0	5	57	46	0.02		
Roche's Point ...	29.59	53	NNH	5	0	29.75	+ .16	52	49	+ 2	NNH	3	0	3	58	46	0.10		
Pembroke ...	29.45	51	NNH	4	0	29.71	+ .26	49	46	- 1	NNH	3	0	2	52	47	0.30		
Portishead ...	29.52	54	NNH	3	0	29.65	+ .13	51	48	- 3	N	3	0	3	60	45	0.25		
Seilly ...	29.57	54	NNH	7	0	29.81	+ .24	53	48	0	NNH	5	0	4	54	49	0.14		
Plymouth ...	29.45	53	NNH	4	0	29.72	+ .27	54	51	- 1	NNH	3	0	*	57	46	0.05		
Hurst Castle ...	29.32	56	N	6	0	29.67	+ .35	52	50	- 4	NNH	2	0	3	58	50	0.08		
Dover ...	29.34	53	SSH	5	0	29.61	+ .27	49	46	- 4	NNH	3	0	2	57	46	0.03		
London ...	29.30	54	NNH	1	0	29.64	+ .34	52	47	- 3	N	1	0	*	63	45	0.17		
Oxford ...	*	*	*	*	*	29.65	+ .35	50	48	- 3	NNH	1	0	*	59	43	0.15		
Cambridge ...	29.29	54	N	1	0	29.64	+ .35	49	46	- 5	NNH	1	0	*	64	40	0.23		
Yarmouth ...	29.29	53	NE	1	0	29.56	+ .27	49	46	- 5	NNH	3	0	3	62	45	0.20		
The Helder ...	*	*	*	*	*	29.44	+ .12	50	49	- 4	NNH	2	0	*	*	*	0.04		
Cape Gris Nez ...	29.40	54	SW	6	0	29.62	+ .22	50	48	0	NNH	4	0	?	57	48	0.12		
Jersey ...	29.52	57	N	8	0	29.75	+ .23	54	51	+ 4	NNH	5	0	5	56	49	-		
Brest ...	29.67	59	NNH	4	0	29.86	+ .19	52	50	- 2	NNH	4	0	4	55	45	0.04		
L'Orient ...	29.66	55	NNH	5	0	29.85	+ .19	54	50	0	NNH	5	0	3	61	48	0.08		
Rocheport ...	29.73	61	NNH	5	0	29.83	+ .10	55	50	- 8	NNH	4	0	3	63	?	-		
Biarritz ...	29.56	66	SSH	4	0	29.96	+ .40	54	50	- 18	SSH	5	0	4	73	48	0.59		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	29.53	+ .10	51	49	- 1	NNH	3	0	*	62	50	0.43		
Charleville ...	*	*	*	*	*	29.52	+ .06	50	*	- 6	SSH	3	0	*	*	*	*		
Paris ...	29.51	60	SW	4	0	29.64	+ .13	50	48	- 8	SSH	3	0	*	*	*	0.24		
Lyons ...	*	*	*	*	*	29.82	?	62	*	+ 7	SE	2	0	*	*	*	*		
Toulon ...	29.51	63	SW	3	0	29.68	- .17	57	55	- 4	N	6	0	5	64	57	0.24		

YESTERDAY'S 2 P.M. REPORTS AND REMARKS

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.30	50	46	NE	4	2	Valencia ...	29.62	56	50	NNH	4	0
Thurso ...	29.47	50	48	SE	0	2	Seilly ...	29.50	52	50	NNH	8	0
Scarborough ...	29.31	47	46	N	3	3	London ...	29.30	58	54	SSH	3	0
Greencastle ...	29.46	52	49	NNH	2	0	Rocheport ...	29.71	59	57	NNH	6	0
Holyhead ...	29.37	50	49	N	5	4							

The barometer has risen on all our coast since the morning. N^W breezes prevail in the west and north, and N^E winds in the south. The latter blew a fresh gale at the mouth of the Channel this morning.

EXPLANATION OF COLUMNS.

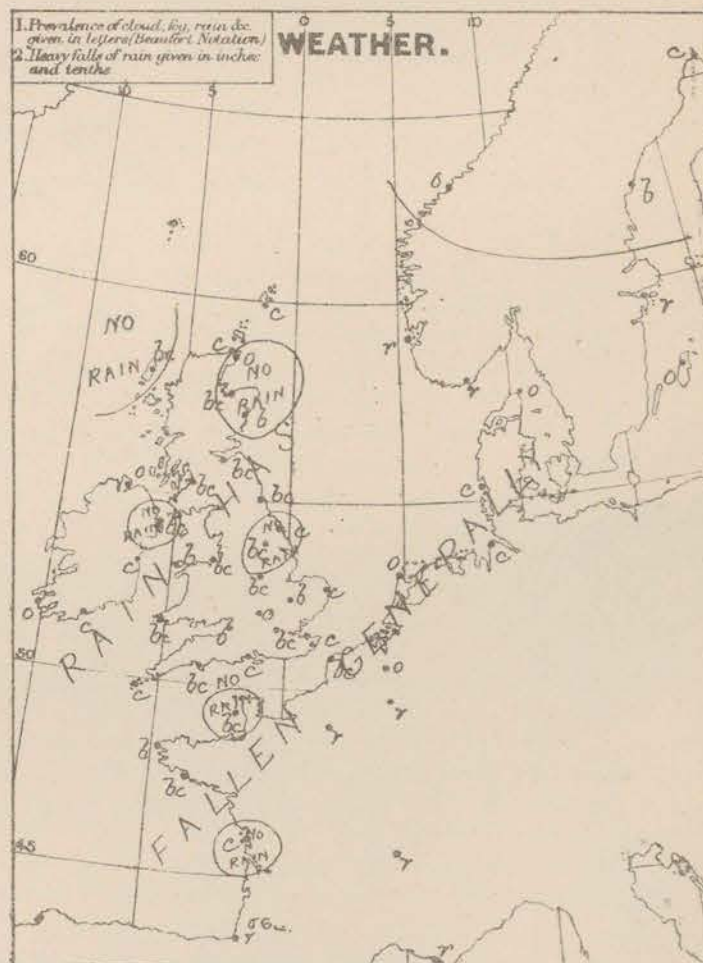
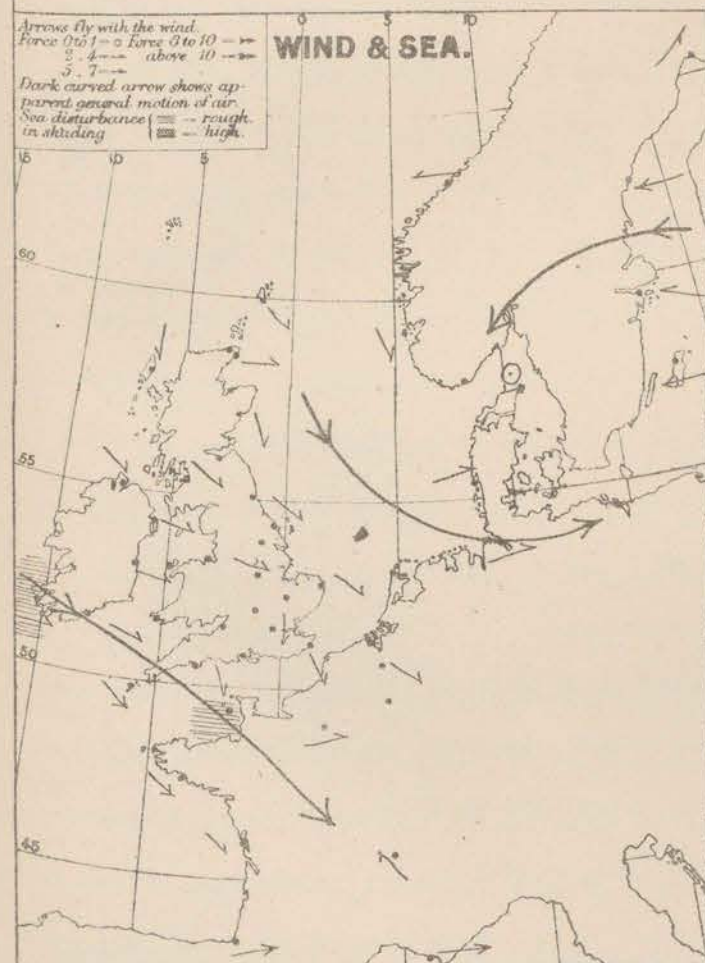
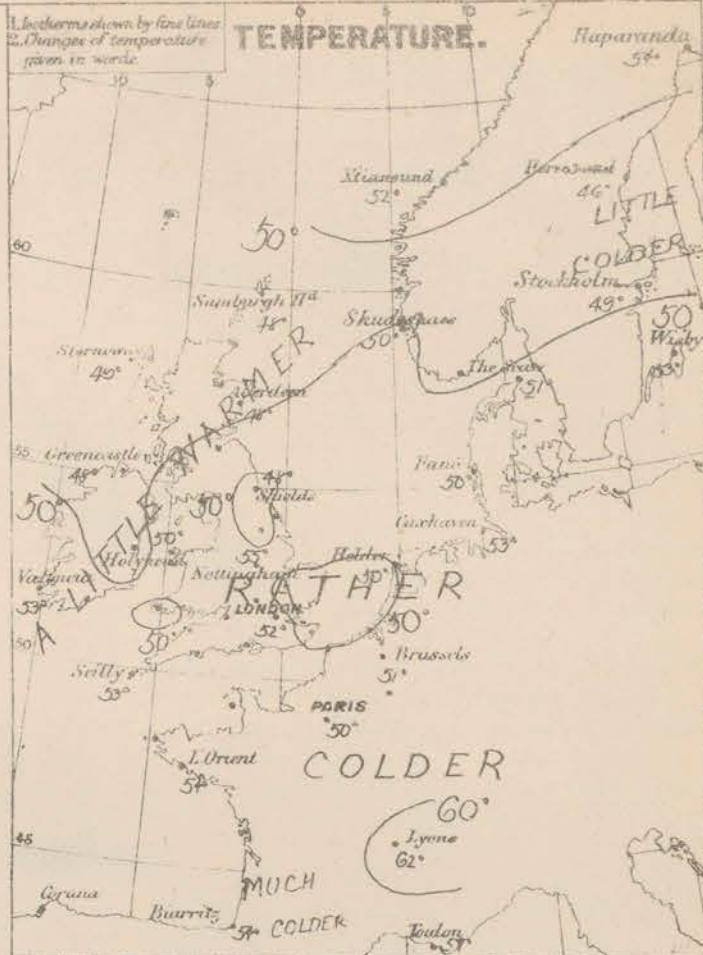
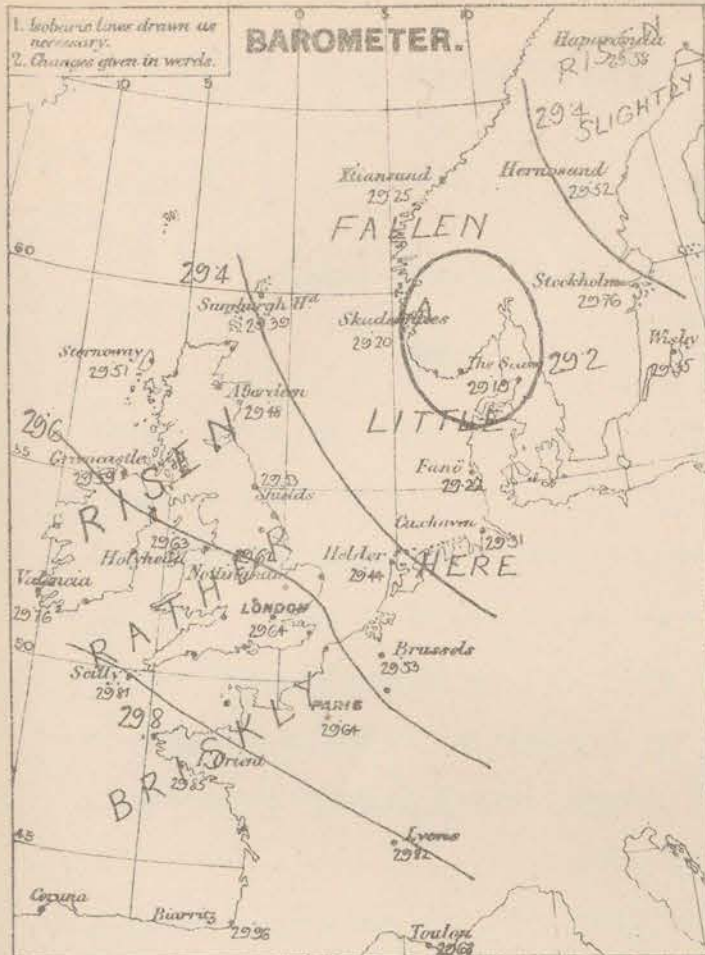
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Saturday 25th MAY 1878.



REMARKS. Weather is moderately fine over the greater part of these Islands and the north west of France, but is dull at our south western stations as well as over the remainder of the Continent. Rain is falling in the south of Norway and east and south of France, and thunder is reported from Nottingham. Rain has occurred at all except our north eastern stations, but the amounts are not large. Temperature has fallen in the south east and east but has risen slightly in the west; it varies over these Islands from 54° at Plymouth to 48° on our north east coast; during yesterday the thermometers in the shade rose to 70° at Bournemouth, to 63° in London and to 53° at Aberdeen. Wind is N.W. over our own and the French coasts but is E. in Sweden; it blows freshly in the south west, but is moderate to light elsewhere. Sea is rather rough at Valentia and Jersey, moderate to slight at our other ports.

Barometrical Indications. Pressure has increased over these Islands and France, decreased over the countries to the E. of the North Sea; the depression which yesterday extended across the North Sea is now shown over Norway. The barometer reading at Valentia is the same as at 10 p.m. last night and is doubtless falling this morning.

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

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

R. H. SCOTT,
Secretary.

SUMMARY OF WEATHER IN WESTERN EUROPE

from MAY 19th to MAY 25th 1878.

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

The weather during this period has been very unsettled, and numerous depressions have crossed our sea. On the first few days they passed across the N^W section, and S^W to N^E breezes with high temperatures prevailed, but on the 23rd a deep disturbance advanced over Ireland and passed E^W across our southern stations. Under the influence of this depression the wind veered from E. over the N^W part of the Kingdom, through N. on all coasts to N^W. and breezes from the latter quarter were reported generally at the close of the week. Except on Sunday, when a fresh to hard gale was experienced over England the wind has not risen above a fresh to strong breeze. The sky has been rather cloudy and rain has fallen very generally.

MAY 19th Pressure was increasing over France as well as at Valentia, Scilly, and Jersey, but was decreasing in all other parts of western Europe - chiefly at our N^W and N^W stations. A large depression lay between the Shetlands and N. of Norway, while a subsidiary disturbance was advancing over the N. of Ireland from the N^W. Wind was N^E at Sumburgh Head and N^W in Caithness, but N^E to S^W on all other coasts, it was fresh to strong over the greater part of these Islands and reached a fresh gale in the S^W. Temperature was rather lower in most places, but still high in the S^E, it varied from 61° at Biarritz and 60° in Paris and London to 46° in the Shetlands. Weather was fine at most of the more E^W stations, but cloudy in the N. Showers occurred frequently during the day; the depression which was advancing over Ireland at 8 a.m. passed quickly across these Islands and at 6 P.M. its centre lay off the mouth of the Firth of Forth; during its passage gradients had increased and moderate to hard gales had been experienced in the S. and N.

MAY 20th The large depression noticed in the neighbourhood of the Shetlands on the 19th had travelled N^E and was now over the N. of Scandinavia, while small subsidiary disturbances were lying, one over the North Sea off the Yorkshire coast and a second over the St George's Channel; the barometer was consequently rising briskly at our N^W and N^W stations, while it was unsteady in the S. and over France, and falling briskly in Sweden. Wind was N^E on all the more N^W and N^W coasts, but N^E to S^W elsewhere. It still blew freshly at the Channel stations and on the eastern shores of the North Sea. Temperature had fallen exceedingly quickly in Scotland and to a less extent in most places; it varied over these Islands from 55° at Hurst Castle to 37° at Kinn. Weather was dull or cloudy with rain in Scotland and the west of Norway. Later in the day the changes in pressure were irregular owing to the passage of small local depressions across the country; the weather also remained unsettled.

MAY 21st Pressure was decreasing at all the more N.W. stations but increasing in the S. and over France. Reading were highest (30.2 in.) over Spain while a large shallow depression (29.4 in.) which was filling up lay over Scandinavia. Wind was N.E. at Lumburg Head, N.W. to N.E. elsewhere; it was fresh in the N.W. moderate to light on our other coast. Temperature was slightly higher in the N. but lower in most other places; it varied from 53° at Plymouth to 38° at York; during the previous night the thermometer in the shades had fallen to 32° in the N. of Scotland to 33° at York and 38° in London, while on the grass in the Metropolis the thermometer had fallen to 32°. Weather was cloudy or dull except in the S. of England and N. of France; hail showers were reported from Somerset and Rutland, rain in the N. of France. No important change occurred during the day but the depression which had caused the decrease of pressure in the N. passed on E. and the barometer rose in Scotland.

MAY 22nd A sudden fall of the barometer had occurred in Britain, & at our S.W. stations, but elsewhere pressure continued to increase. An anticyclone (30.1 in.) lay over the Bay of Biscay and the N. of France, while a large area of low pressure with its centre near Hornsund (29.45 in.) was shown over Scandinavia. Wind was N.W. to N.E. on most coasts; but in the S. of Ireland it had backed to S.S.E.; it was moderate to light in force. Temperature had risen several degrees in the N. and slightly in other parts of our Islands but elsewhere it had fallen slightly or remained unchanged. Weather was moderately clear over the greater part of France and S. of England, cloudy and unsettled elsewhere. During the day, the barometer fell rapidly in the S. of Ireland and to a less extent elsewhere as a deep depression advanced to our N.W. coast.

MAY 23rd The deep depression noticed on the previous evening, had advanced over Ireland, the barometer had fallen three quarters of an inch at Roche Point, and briskly over the whole of the British Isles and N. of France. Readings varied from 30.05 in. at Toulon to 29.28 in. at Roche Point but gradients were nowhere steep. Wind circulated round the depression, and though fresh at some of the S.W. stations was moderate to light generally. Temperature had changed irregularly; it varied over these Islands from 56° at Portishead to 45° at Kairo. Weather was overcast or very cloudy except in Caithness, Scandinavia and at Toulon; rain was falling in many places. Later Reports showed that the depression was moving slowly E., the barometer rose slightly in the N. while it fell briskly in the E.

MAY 24th The area of lowest pressure (29.3 in.) now stretched in a long band from Wales across England and the North Sea to Denmark; the barometer had fallen quickly over N. Germany and slightly over the greater part of these Islands, while in the N. of Ireland a brisk recovery had commenced. Wind blew round the band of low pressure and was N.E. over France and the Channel, S.E. at Toulon, N.E. in the N. of Norway and over Scotland, and N.E. at Valentia and Roche P. Temperature was lower in the N. and S.W. higher elsewhere; it varied from 56° at Hunt. Castle to 46° at Kairo. Weather was dull and cloudy, rain was falling over Denmark, N. Germany, and the E. of France. During the day the depression, moving E. gradually left our coast, but the recovery in its rear was not very decided, the N.W. wind rose to a gale at the mouth of the Channel.

MAY 25th The area of lowest pressure (29.2 in.) lay over the S. of Scandinavia, and the mercury was falling on the E. shore of the North Sea, while on our own and the French coast it was rising. The highest readings were reported from Spain, so that N.W. breezes prevailed over the greater part of N. Europe, in Denmark, however, S.W. breezes were reported and in Sweden E. Temperature had risen a little in the N. and N.W. but fallen in the E. and S. Weather was moderately fine at our stations, but more or less cloudy on the Continent. In the E. of France S. of Norway rain was falling. During the day the barometer still rose everywhere.

Meteorological Office.

116 Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT MAY 26TH 1878.

STATIONS.	↑ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer 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 ...	29.0	49	S	2	bc	29.59	49	46	- 3	E	4	o	*	61	46	-			
Hernösand ...	29.37	45	NE	6	f	29.34	48	46	+ 2	SSH	2	o	*	*	*	0.47			
Stockholm ...	29.34	47	SSH	4	o	29.44	55	49	+ 6	SSH	o	bc	*	*	*	0.28			
Wisby ...	29.22	42	SH	8	bc	29.52	53	49	0	SSH	6	bc	*	*	*	0.14			
Christiansund ...	29.22	?	SSH	4	b	29.29	?	49	?	SSH	3	f	2	61	45	0.16			
Skudesnaes ...	29.40	49	NNH	4	o	29.52	51	48	+ 1	SSH	4	o	3	52	48	0.12			
Oxö (Klansand) ...	29.28	52	SSH	4	b	29.51	49	45	+ 1	SSH	4	b	3	52	43	-			
Skagen (The Sound) ...	29.37	49	H	4	o	29.52	51	47	0	NNH	7	b	7	55	45	0.12			
Fanö ...	29.57	49	H	6	c	29.71	51	52	+ 7	H	4	b	*	57	46	-			
Cuxhaven ...	29.50	51	NH	3	c	29.75	51	50	- 2	SH	2	b	*	55	45	0.02			
Sumburgh Head ...	29.44	48	H	2	bc	29.50	48	44	0	H	3	bc	3	53	43	0.03			
Stornoway ...	29.54	49	SE	2	bc	29.50	54	50	+ 4	SSE	1	bc	1	54	40	-			
Thurso ...	29.54	49	NH	2	c	29.55	52	47	+ 4	H	2	bc	2	55	40	0.03			
Wick ...	29.55	48	H	2	bc	29.55	52	48	+ 4	SH	2	bc	2	57	35	0.02			
Nairn ...	29.55	53	NH	2	bc	29.76	52	46	+ 4	H	2	bc	2	54	37	0.02			
Aberdeen ...	29.54	52	NNH	1	bc	29.59	52	48	+ 4	S	2	b	1	56	40	-			
Leith ...	29.54	52	H	1	c	29.60	57	54	+ 2	NH	1	bc	*	54	42	0.02			
Shields ...	29.55	50	NH	2	c	29.67	53	48	+ 5	SSH	2	bc	2	53	41	0.08			
Scarborough ...	29.61	48	SSE	1	c	29.69	52	49	+ 1	SSH	1	c	1	56	45	0.14			
York ...	29.63	52	H	3	b	29.70	52	50	+ 2	SH	1	bc	*	59	42	0.08			
Nottingham ...	29.69	54	SH	5	o	29.74	58	54	+ 3	SSH	2	c	*	61	43	0.15			
Ardrossan ...	29.59	57	NNH	3	bc	29.61	52	49	+ 2	SSH	3	c	3	58	43	-			
Greencastle ...	29.61	52	HNE	1	o	29.62	50	47	+ 2	SSH	2	c	*	54	44	-			
Donaghadee ...	29.64	51	SH	3	c	29.65	52	49	0	H	3	b	2	53	42	0.01			
Kingstown ...	29.65	53	NNH	4	bc	29.71	52	48	+ 3	H	4	c	3	55	47	0.06			
Holyhead ...	29.66	52	SH	4	c	29.71	52	50	+ 2	H	2	c	2	56	49	0.04			
Liverpool (Bidston) ...	29.66	51	SSH	2	o	29.71	51	49	0	H	2	c	1	55	47	0.02			
Valencia ...	29.79	52	H	4	o	29.73	54	50	+ 1	H	4	cp	5	57	46	0.27			
Roche's Point ...	29.77	54	NNH	4	c	29.78	52	49	0	H	4	c	3	58	44	0.05			
Pembroke ...	29.72	54	SSH	5	bc	29.76	52	50	+ 3	H	3	c	3	55	47	-			
Portishead ...	29.75	55	H	4	bc	29.78	54	52	+ 3	SH	3	op	3	59	48	0.02			
Scilly ...	29.67	47	H	6	c	29.88	55	52	+ 2	H	5	cp	5	57	50	0.13			
Plymouth ...	29.81	56	H	3	o	29.84	55	52	+ 1	SH	3	o	*	61	51	0.04			
Hurst Castle ...	29.76	60	NH	4	b	29.81	56	54	+ 4	H	4	c	4	61	49	0.02			
Dover ...	29.74	52	SSH	3	o	29.83	54	52	+ 5	SSH	4	bc	3	58	46	0.19			
London ...	29.76	49	H	2	c	29.81	55	52	+ 3	SSH	1	c	*	60	44	0.09			
Oxford ...	29.79	55	*	*	*	29.79	53	50	+ 3	H	1	c	*	57	47	-			
Cambridge ...	29.70	55	H	1	o	29.76	54	52	+ 5	SH	1	o	*	60	43	0.04			
Yarmouth ...	29.68	51	2	o	bc	29.75	53	50	+ 4	H	2	bc	2	56	46	0.20			
The Helder ...	29.77	53	*	*	*	29.77	52	50	+ 2	SSH	1	o	*	*	*	-			
Cape Gris Nez ...	29.75	52	H	4	o	29.86	54	52	+ 4	SSH	5	c	4	57	49	0.04			
Jersey ...	29.90	53	NNH	5	bc	29.94	52	51	- 2	H	5	cp	4	56	49	0.19			
Brest ...	29.97	55	NNH	4	bc	29.99	52	50	0	NNH	4	c	4	55	48	-			
L'Orient ...	29.97	55	NH	5	b	30.00	54	50	0	NH	3	bc	3	59	48	-			
Rocheport ...	30.05	59	NH	4	bc	30.06	57	52	+ 2	NH	4	bc	4	61	48	0.04			
Biarritz ...	30.11	61	NNH	4	c	30.12	55	52	+ 1	SSE	3	o	3	59	48	0.04			
Corunna ...	29.85	53	*	*	*	30.15	61	*	*	NH	3	c	1	*	*	*			
Brussels ...	29.88	53	*	*	*	29.88	53	50	+ 2	SH	2	bc	*	58	47	0.04			
Charleville ...	29.90	53	*	*	*	29.90	48	*	- 2	S	3	o	*	*	*	*			
Paris ...	29.97	56	H	3	c	29.97	53	50	+ 3	SH	3	b	*	*	*	-			
Lyons ...	29.97	56	*	*	*	30.10	59	*	- 3	NH	2	c	*	*	*	*			
Toulon ...	29.78	61	H	7	b	29.94	52	46	- 5	NH	6	b	6	63	50	0.79			

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.32	51	48	NNH	6	c	3	Valencia	29.78	55	53	NNH	4	cpm	4
Thurso	29.51	52	49	H	2	c	3	Scilly	29.58	57	53	NNH	5	c	4
Scarborough ...	29.60	48	48	SSE	1	c	2	London	29.69	58	53	NSE	1	c	*
Greencastle ...	29.61	57	48	NH	2	c	*	Rocheport ...	29.93	59	54	NH	5	bc	3
Holyhead	29.67	54	50	SH	4	c	4								

No important change.

EXPLANATION OF COLUMNS.

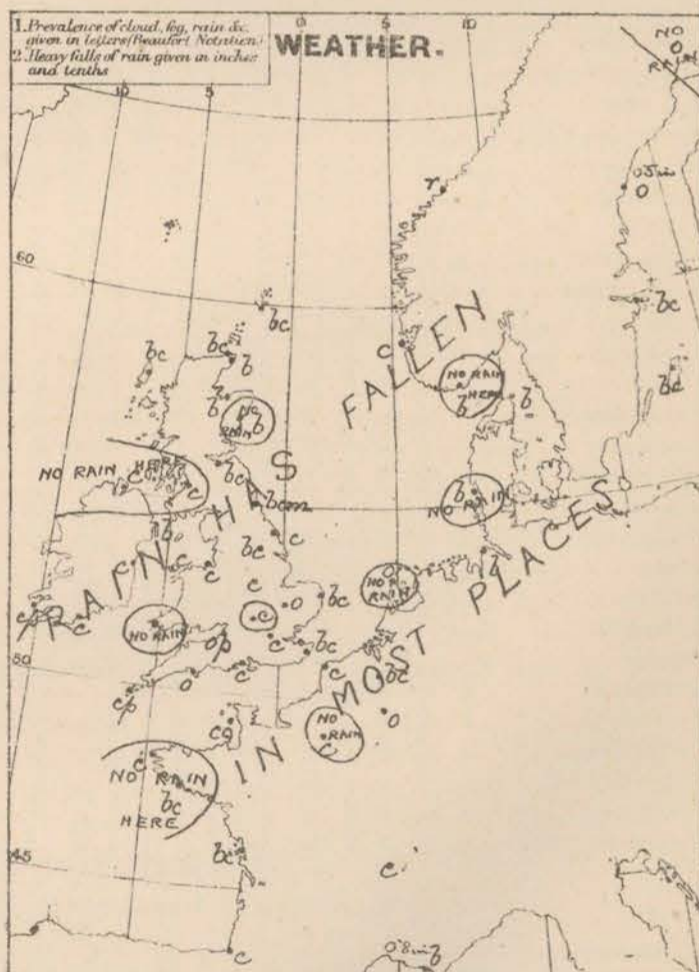
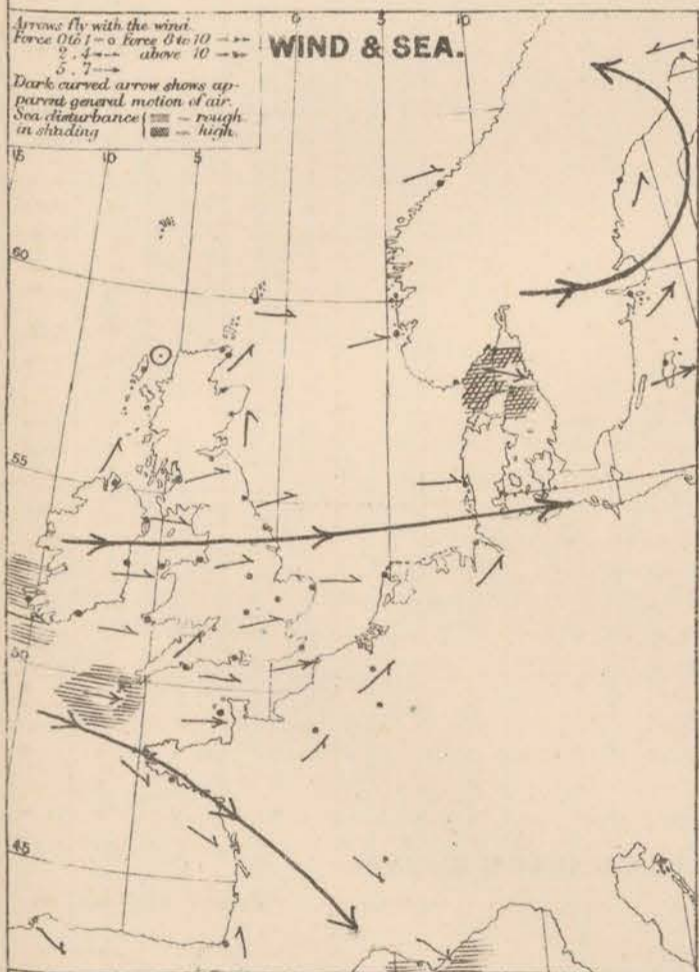
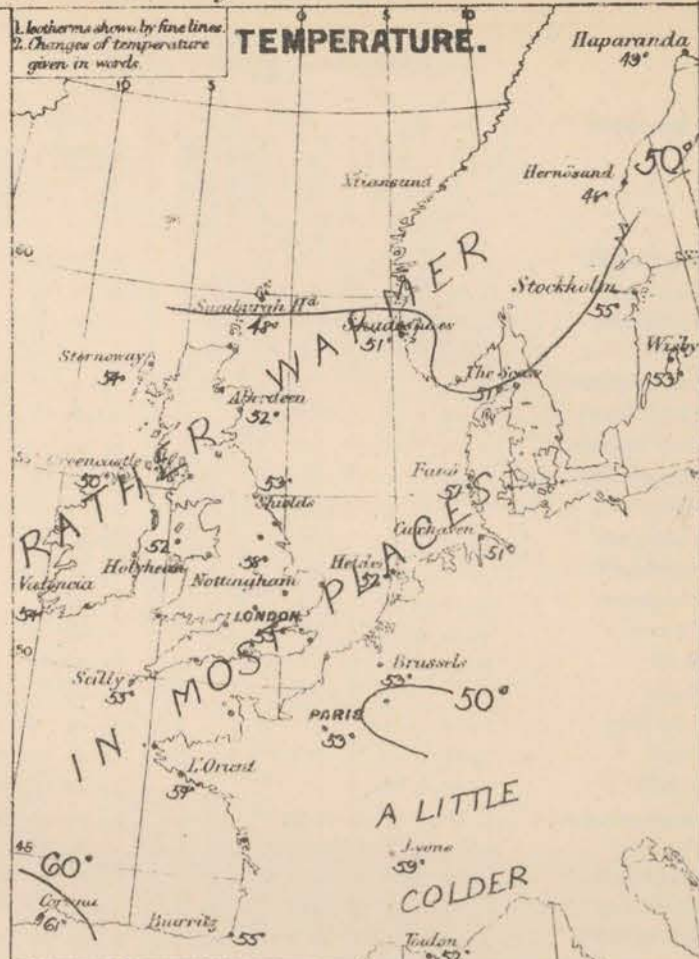
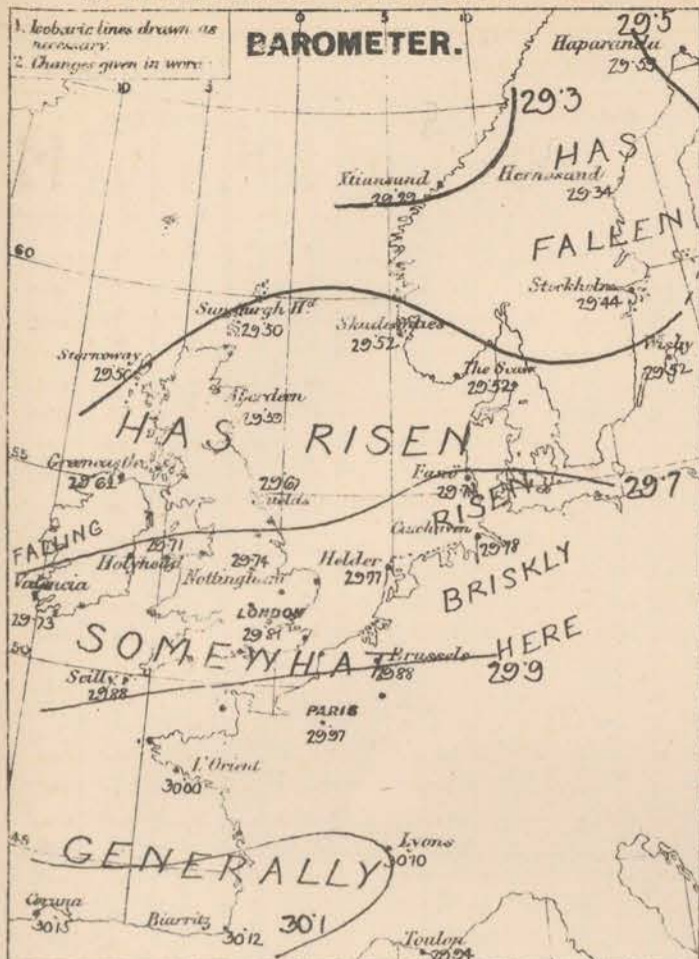
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Sunday 26th MAY 1878.



REMARKS. Weather is very fine at our northern and eastern stations and also on the eastern shores of the North Sea, but is cloudy or overcast in all other places; showers are falling on our south west coasts. Snowy weather was very general yesterday and hail fell in the east of England, while thunder was heard at Nottingham. Temperature has risen a few degrees in nearly all places and is now very uniform in these Islands; the highest reading (58°) is at Nottingham but with this exception the readings are all between 50° and 55°. The maximum temperatures recorded yesterday were rather low, the highest of all being that at Leith, which reached 64°. The winds are generally W. to S.W. and light in force; in France, however, they draw into N.W. Sea is high in the Skager Rack, rather rough off our extreme south west coasts, moderate or slight elsewhere.

Barometrical Indications. The barometer is rising in nearly all parts of our area, but is rather unsteady in the south of Ireland. Readings are highest over the south of France and a shallow depression is lying off the west coast of Norway.

DAILY WEATHER REPORT MAY 27TH 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 11).		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 11).			Max.	Min.		
Haparanda ...	29.54	47	S	2	o	29.61	+ .02	45	45	- 4	S	2	o	*	52	39	-	
Hernösand ...	29.50	49	N	0	bc	29.66	+ .32	55	47	+ 7	N	2	o	*	*	*	-	
Stockholm ...	29.62	52	SW	4	o	29.77	+ .33	53	48	- 2	WSW	4	bc	*	*	*	-	
Wisby ...	29.69	52	N	6	o	29.86	+ .34	49	46	- 4	N	6	o	*	*	*	-	
Christiansund ...	29.44	?	SE	6	bc	29.59	+ .30	?	45	?	WSW	4	c	4	54	43	-	
Skudesnaes ...	29.69	50	SW	4	c	29.76	+ .24	50	50	+ 2	SSE	6	c	4	?	50	-	
Oxö (Tiansand) ...	29.71	50	SW	5	o	29.80	+ .29	49	49	0	SW	2	c	1	52	43	-	
Skagen (The Szwab) ...	29.75	49	WSW	4	o	29.86	+ .34	49	46	- 2	WSW	2	o	1	55	41	-	
Fanö ...	29.82	49	WSW	2	o	29.85	+ .14	56	54	- 1	SW	2	c	*	57	48	-	
Cuxhaven ...	29.90	56	WNW	2	o	29.92	+ .14	55	54	+ 4	SSW	2	c	*	?	45	0.09	
Sumburgh Head ...	29.58	49	SW	1	bc	29.66	+ .16	48	45	0	NNE	1	c	0	53	42	0.12	
Stornoway ...	29.55	52	WNW	1	bc	29.65	+ .15	50	48	- 4	L	0	1	54	41	0.06		
Thurso ...	29.56	49	SW	1	c	29.66	+ .11	53	49	+ 1	NNE	1	bc	2	58	38	0.09	
Wick ...	29.57	54	NW	1	bc	29.68	+ .12	54	49	+ 2	L	0	o	59	46	-		
Nairn ...	29.57	52	WNW	1	bc	29.68	+ .12	50	47	- 2	L	0	o	60	42	-		
Aberdeen ...	29.59	50	N	0	r	29.68	+ .09	51	48	- 1	E	1	o	57	40	0.25		
Leith ...	29.58	56	NW	1	bc	29.64	+ .04	50	48	- 7	ENE	1	c	*	63	39	0.01	
Shields ...	29.64	56	S	3	c	29.69	+ .02	50	48	- 3	SW	2	cmv	2	59	41	0.04	
Scarborough ...	29.68	57	WSW	1	c	29.71	+ .02	55	50	+ 3	SSW	1	bc	2	59	46	-	
York ...	29.70	58	N	2	bc	29.72	+ .02	53	50	+ 1	SW	2	bc	*	54	45	-	
Nottingham ...	29.74	55	SSW	2	c	29.75	+ .01	56	52	- 2	SSW	4	c	*	64	45	-	
Ardrossan ...	29.61	54	SW	3	bc	29.64	+ .03	50	48	- 2	WNW	1	p	0	56	47	0.37	
Greencastle ...	29.62	49	ESE	1	o	29.64	+ .02	54	50	+ 4	NE	1	o	*	57	42	0.12	
Donaghadee ...	29.64	53	WSW	2	bc	29.65	.00	52	51	0	NNE	1	bc	0	58	46	0.07	
Kingstown ...	29.68	53	WNW	1	r	29.66	- .05	50	48	- 1	NW	4	p	4	58	48	0.10	
Holyhead ...	29.69	56	SW	4	c	29.67	- .04	52	50	0	SW	2	c	1	58	49	0.04	
Liverpool (Bidston) ...	29.70	53	WSW	1	c	29.69	- .02	54	52	+ 3	S	1	c	1	57	46	0.08	
Valencia ...	29.75	51	WNW	2	cp	29.66	- .07	48	45	- 6	SE	3	o	3	58	42	0.22	
Roche's Point... ..	29.74	50	N	3	bc	29.68	- .10	52	49	0	N	3	c	3	52	49	0.36	
Pembroke ...	29.75	54	SW	3	bc	29.69	- .07	51	48	- 1	L	0	c	1	56	48	0.03	
Portishead ...	29.78	55	SW	4	bc	29.75	- .03	55	51	+ 1	S	3	c	3	59	46	0.05	
Scilly ...	29.86	55	WSW	5	c	29.76	- .12	54	51	- 1	SW	4	o	4	59	49	0.09	
Plymouth ...	29.84	56	N	5	bc	29.76	- .08	55	52	0	SSW	2	c	*	60	50	0.07	
Hurst Castle ...	29.83	57	N	5	o	29.80	- .01	56	53	0	SW	4	bc	5	60	51	-	
Dover ...	29.84	54	WSW	2	o	29.86	+ .03	56	53	+ 2	WSW	3	c	2	59	49	-	
London ...	29.80	57	SW	2	o	29.81	.00	54	51	- 1	SSW	3	c	*	63	47	0.05	
Oxford ...	*	*	*	*	*	29.79	.00	52	50	- 1	SW	1	o	*	60	46	0.04	
Cambridge ...	29.77	52	SW	1	r	29.79	+ .03	54	52	0	S	1	c	*	65	44	0.09	
Yarmouth ...	29.77	55	SSW	2	c	29.82	+ .07	54	50	+ 1	SSW	3	bc	2	62	46	0.09	
The Helder ...	*	*	*	*	*	29.86	+ .09	55	53	+ 3	SSW	2	bc	*	*	*	-	
Cape Gris Nez ...	29.88	54	WSW	5	bc	29.88	+ .02	55	54	+ 1	SSW	3	c	2	57	52	-	
Jersey ...	29.95	54	N	2	c	29.87	- .07	53	51	+ 1	SW	4	bc	3	57	50	0.03	
Brest ...	29.97	61	WSW	4	o	29.87	- .12	52	50	0	WSW	3	o	4	59	48	0.04	
L'Orient ...	29.99	55	N	3	bc	29.88	- .12	55	52	+ 1	WSW	3	bc	3	61	46	0.12	
Rochefort ...	30.02	64	NW	4	bc	29.95	- .11	59	54	+ 2	WSW	3	c	3	64	50	-	
Biarritz ...	30.02	63	NNE	2	bc	29.96	- .16	54	52	- 1	E	1	p	3	?	50	0.16	
Corunna ...	*	*	*	*	*	29.84	- .04	54	51	+ 1	SW	2	o	*	60	48	0.28	
Brussels ...	*	*	*	*	*	29.91	+ .01	50	*	+ 2	E	1	p	*	*	*	*	
Charleville ...	*	*	*	*	*	29.94	- .03	54	51	+ 1	SW	1	o	*	*	*	0.04	
Paris ...	29.95	56	SW	2	r	29.97	- .13	59	*	0	N	2	o	*	*	*	*	
Lyon ...	*	*	*	*	*	29.97	- .13	59	*	0	N	2	o	*	*	*	*	
Toulon ...	29.93	63	NW	6	o	29.98	+ .04	57	55	+ 5	E	5	c	4	66	52	-	

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.64	52	47	WSW	4	o	3	Valencia ...			
Thurso ...								Scilly ...			
Scarborough ...								London ...			*
Greencastle ...						*		Rochefort ...	30.07	64	57
Holyhead ...											3

EXPLANATION OF COLUMNS.

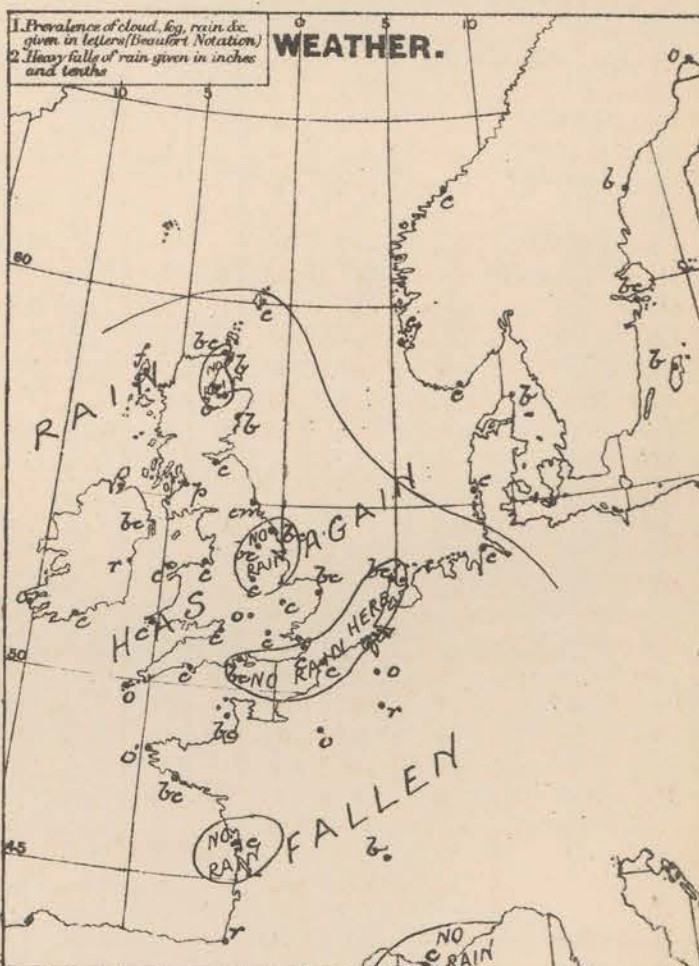
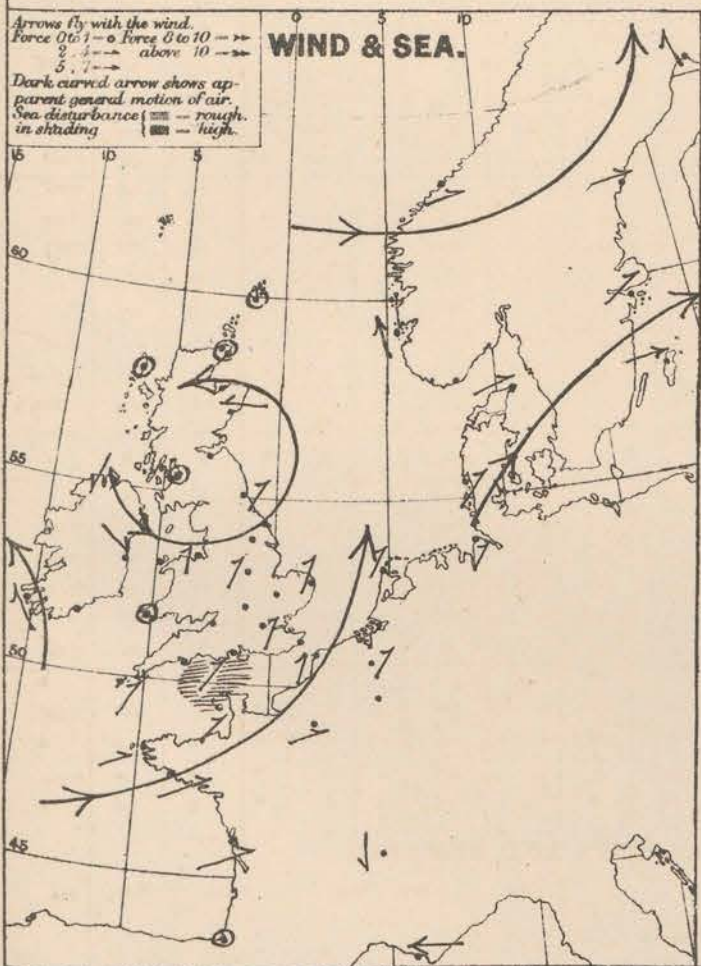
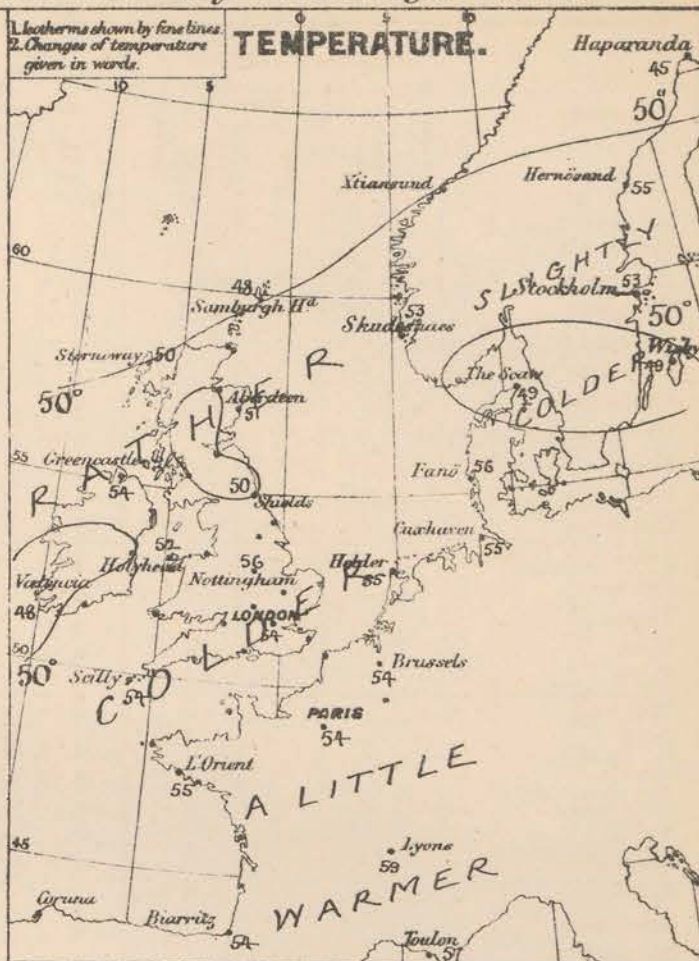
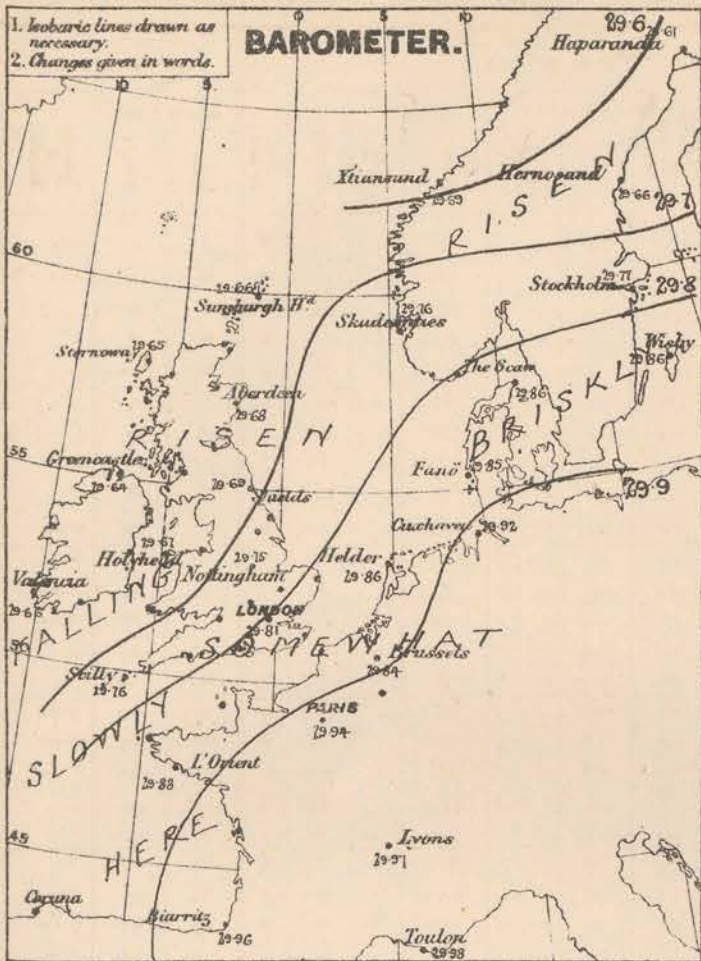
WEATHER.—Beaufort scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS *for 8 a.m. on Mon-day 27 May 1878.*



REMARKS. Weather is again fine at our N^o and E^o stations, but cloudy in other places, with showers in the NW. In London also the appearance is showery. Rain fell in almost all parts of the country yesterday, and heavy hail showers in several places, chiefly in the N. Thunderstorms were reported at Aberdeen. Temperature is unsteady. In the W. and N of our Islands it has fallen a little, but at the SE^o stations the tendency has been increase. Readings are very uniform between 50° and 55° over nearly the whole of the United Kingdom and the N. of France. The maximum values did not exceed 65° in any part of our Islands yesterday. Winds is light to moderate from W at the S^o stations, and from S. in the E, but E^o airs and calms are reported in Scotland, and very variable winds in Ireland. At Valentia a SE^o breeze sprang up at 5 pm. after a calm. Sea is moderate in the Channel, slight or smooth elsewhere.

Barometrical Indications. Pressure varies from about 29.95 in: over the SE. of France and W. of Germany to 29.65 in: at Valentia, and 29.6 in: in the NW. of Norway. The mercury is rising in the N and E, but is again falling in the W. the latter change is slight at present.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

MAY 28th 1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).				Max.	Min.	
Haparanda ...	29.68	41	SE	2	c		29.78	+ .17	57	47	+ 6	SW	2	δ	*		?	34	-
Hernösand ...	29.81	47	Z	0	bc		29.91	+ .25	52	49	- 3	? SE	2	δ	*		*	*	-
Stockholm ...	29.91	53	WSW	2	δ		30.02	+ .25	59	52	+ 6	SW	2	δ	*		*	*	-
Wisby ...	29.91	51	SW	8	δ		30.04	+ .18	54	50	+ 5	WNW	4	δ	*		*	*	-
Christiansund ...	29.76	49	WSW	4	c		29.91	+ .32	57	48	?	WSW	3	c	3		54	45	-
Skudesnaes ...	29.89	52	S	4	o		29.98	+ .22	52	50	- 1	SSE	4	of	3		55	52	-
Oxö (Xiänsand) ...	29.88	52	SSE	4	o		29.98	+ .18	53	50	+ 4	ESE	2	o	1		55	46	-
Skagen (The Seaw) ...	29.91	52	SSW	2	c		30.01	+ .45	53	51	+ 4	Z	0	o	0		55	45	0.04
Fanö ...	29.95	53	S	1	c		29.90	+ .05	57	54	+ 1	ENE	3	c	*		59	52	-
Cuxhaven ...	29.97	60	NNE	2	p		29.90	- .02	59	57	+ 4	SE	2	mv	*		63	54	0.24
Sumburgh Head ...	29.79	49	WNW	3	δ		29.93	+ .27	50	46	+ 2	NE	2	δ	1		52	48	-
Stornoway ...	29.55	52	WNW	1	bc		29.90	+ .25	49	46	- 1	E	5	o	5		55	45	0.03
Thurso ...	29.77	51	NE	2	bc		29.92	+ .26	49	48	- 4	ENE	2	o	3		56	46	0.26
Wick ...	29.81	50	E	2	c		29.92	+ .24	57	50	- 3	E	2	o	1		60	47	0.04
Nairn ...	29.74	47	ENE	1	o		29.89	+ .21	50	47	o	Z	0	c	0		52	43	0.03
Aberdeen ...	29.74	53	SSE	1	bc		29.88	+ .20	50	49	- 1	E	1	md	1		58	49	0.03
Leith ...	29.70	53	ESE	1	p		29.85	+ .21	52	51	+ 2	NE	1	c	*		58	44	0.20
Shields ...	29.72	51	SE	1	o		29.85	+ .16	57	49	+ 1	NW	1	cf	1		58	47	0.19
Scarborough ...	29.75	53	S	2	p		29.85	+ .14	54	51	- 1	SSE	1	δ	1		61	48	0.05
York ...	29.75	54	N	1	c		29.90	+ .18	50	49	- 3	ESE	1	δ	*		60	43	T
Nottingham ...	29.77	56	S	2	o		29.86	+ .11	55	52	- 1	NNE	1	md	*		67	42	0.19
Ardrossan ...	29.70	56	SW	2	bc		29.85	+ .21	55	51	+ 5	Z	0	δ	0		59	45	0.02
Greencastle ...	29.73	57	N	2	c		29.89	+ .25	53	50	- 1	NNE	2	δ	*		58	43	-
Donaghadee ...	29.75	52	N	3	bc		29.88	+ .23	52	51	o	N	2	δ	1		56	43	0.58
Kingstown ...	29.72	55	SE	3	bc		29.87	+ .21	49	47	- 1	WNW	4	bc	4		55	45	0.38
Holyhead ...	29.72	57	SW	2	bc		29.85	+ .18	52	51	o	N	2	δ	1		60	48	-
Liverpool (Bulston) ...	29.72	52	ENE	1	o		29.84	+ .15	51	49	- 3	Z	0	c	1		58	47	0.24
Valencia ...	29.75	49	NE	1	c		29.93	+ .27	53	48	+ 5	N	3	bc	3		54	45	0.22
Roche's Point ...	29.76	57	S	1	δ		29.88	+ .20	52	48	o	N	4	bc	3		62	46	-
Pembroke ...	29.72	58	SW	1	δ		29.81	+ .12	51	49	o	NE	1	c	2		61	48	0.02
Portishead ...	29.75	52	SSW	2	p		29.81	+ .06	52	51	- 3	WNW	2	o	2		59	43	0.93
Seilly ...	29.72	57	S	2	p		29.77	+ .01	53	50	- 1	ENE	4	c	*		58	49	0.20
Plymouth ...	29.75	55	S	3	bc		29.76	.00	55	52	o	ENE	3	o	*		60	47	0.02
Hurst Castle ...	29.80	58	SSW	3	bc		29.78	- .02	56	55	o	E	3	c	3		59	49	-
Dover ...	29.84	55	WSW	1	δ		29.81	- .05	56	54	o	ENE	2	δ	1		60	49	-
London ...	29.80	59	S	2	c		29.82	+ .01	57	54	+ 3	SE	1	o	*		63	46	0.01
Oxford ...	*	*	*	*	*		29.82	+ .03	55	52	+ 3	NE	1	o	*		58	42	0.21
Cambridge ...	29.79	59	S	1	c		29.83	+ .04	56	53	+ 2	NE	1	bc	*		62	42	0.03
Yarmouth ...	29.82	55	SSE	3	δ		29.85	+ .03	55	53	+ 1	ENE	2	δ	2		60	50	-
The Helder ...	*	*	*	*	*		29.86	.00	57	55	+ 2	NE	1	δ	*		*	*	0.04
Cape Gris Nez ...																			
Jersey ...	29.83	53	Z	0	o		29.78	- .09	53	52	o	SSE	2	c	2		58	49	0.02
Brest ...	29.82	?	SW	3	o		29.75	- .12	50	48	- 2	N	1	o	3		59	46	0.24
L'Orient ...	29.84	55	SW	3	o		29.74	- .14	50	48	- 5	N	2	p	3		61	48	0.39
Rocheport ...	29.89	61	N	3	p		29.78	- .17	54	52	- 5	N	3	o	0		63	55	0.39
Biarritz ...	29.87	61	NW	3	p		29.82	- .08	54	50	o	SSW	4	p	3		?	48	0.71
Corunna ...	*	*	*	*	*												*	*	*
Brussels ...	*	*	*	*	*		29.80	- .04	59	54	+ 5	E	1	o	*		65	50	-
Charleville ...	*	*	*	*	*		29.75	- .16	53	*	+ 3	SE	1	o	*		*	*	*
Paris ...	29.85	63	SW	2	bc		29.81	- .13	53	51	- 1	SW	1	p	*		*	*	0.08
Lyons ...	*	*	*	*	*		29.83	- .14	59	*	o	SE	2	o	*		*	*	*
Toulon ...	29.95	57	E	5	p		29.86	- .12	59	55	+ 2	SW	3	δ	3		66	55	0.39

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.81	55	57	S	4	g	3	Valencia	29.71	48	46	N	1	p	2
Thurso	29.73	50	50	Z	0	p	2	Seilly	29.74	55	57	SSW	4	op	4
Scarborough ...	29.73	56	52	S	2	c	2	London	29.79	62	56	SW	3	cp	*
Greencastle ...	29.69	54	50	NE	2	c	*	Rocheport ...	29.95	61	55	S	3	o	3
Holyhead	29.71	58	53	SW	2	c	1								

The barometer has now begun to rise again at Valencia and the wind there has veered to N. with rain. Elsewhere no important change has occurred.

EXPLANATION OF COLUMNS.

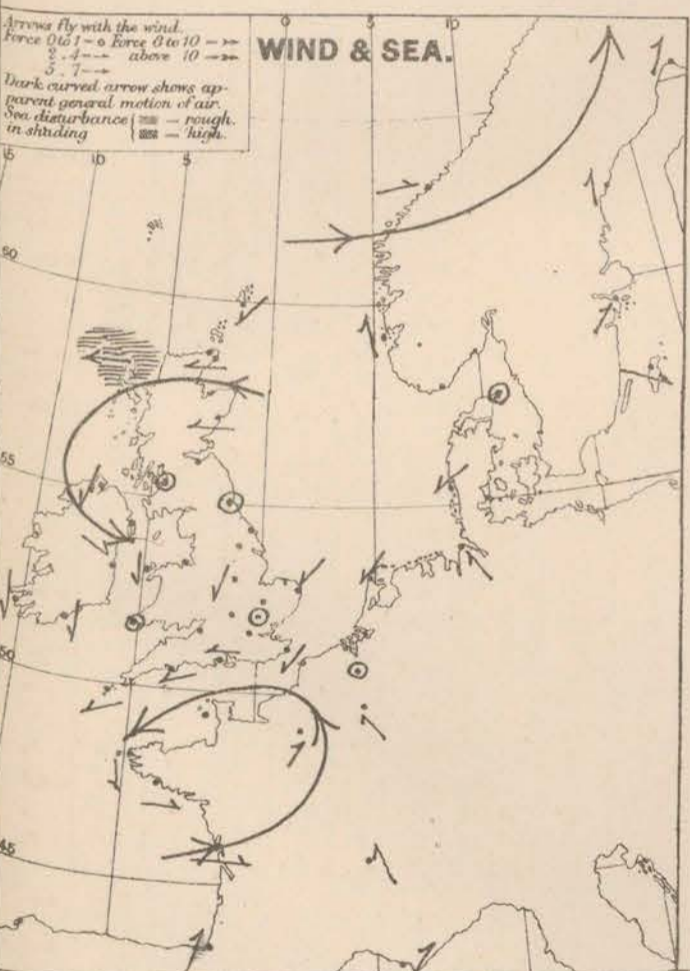
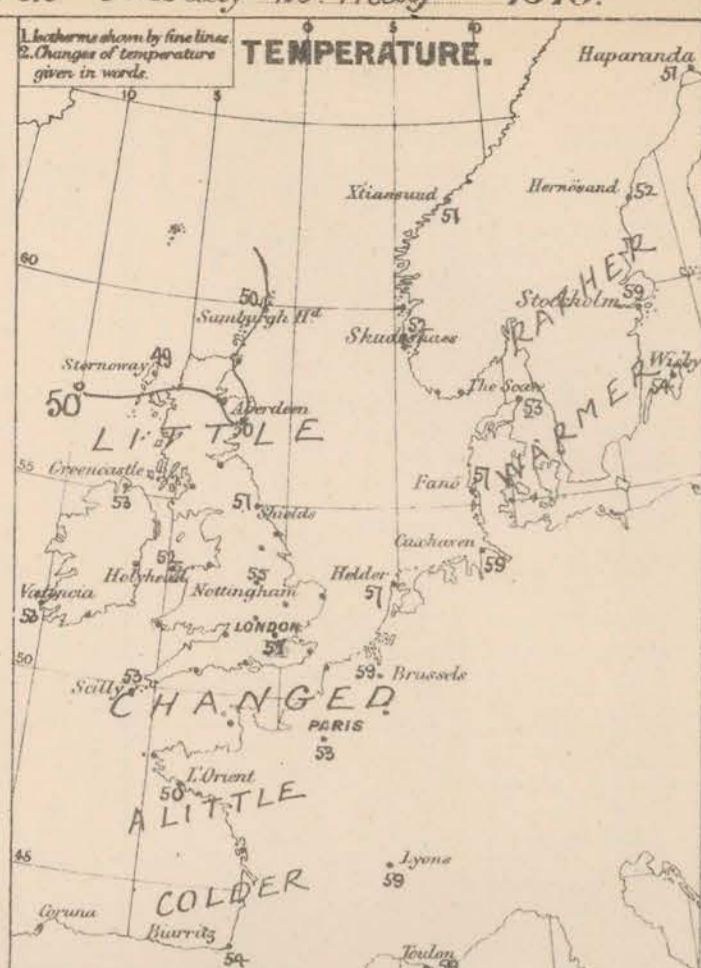
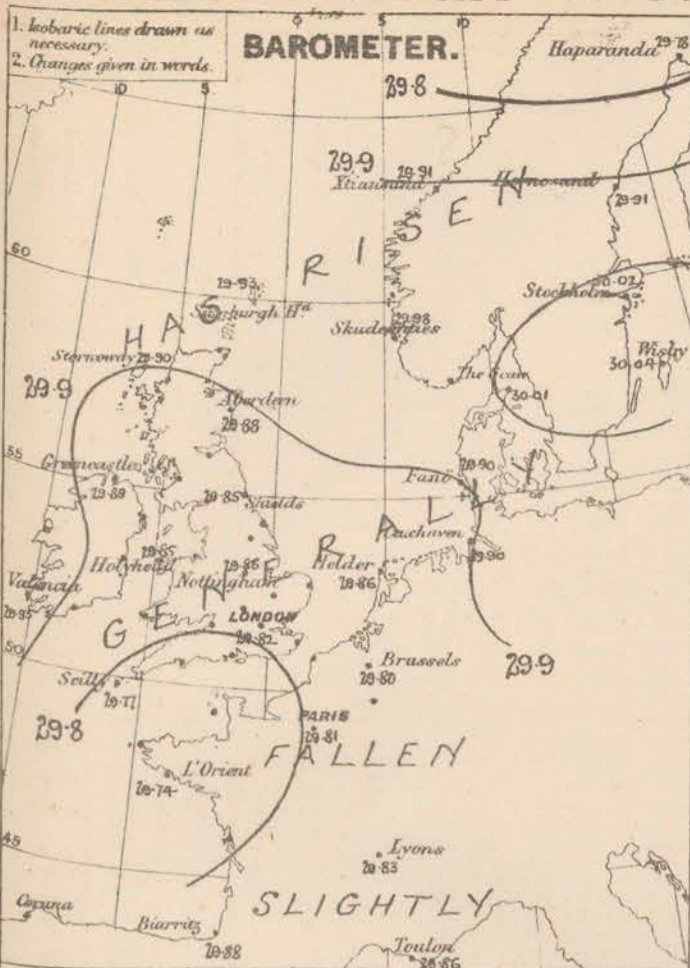
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 28 May 1873.



REMARKS. Weather is at present fine over the greater part of our islands, but is very cloudy in many places, especially in the S, and is foggy and wet in the NE. Over France the sky is overcast, and rain is falling in several places. Showers of rain have been general (heavy at Donaghadee and Patishead), and thunderstorms have occurred in the NE of England. Temperature shows no great change from that of yesterday, and the values reported from our coasts this morning differ only little from the average. Wind is very light and variable. It is W in the Bay of Biscay, W at Paris E in the Channel, and N in Ireland and Wales. In the N of England it is calm, but E in Scotland, while it is W in the north of Scandinavia. Sea is moderate to smooth.

Barometrical Indications. The readings of the barometer are higher than they were yesterday at all but the French stations, and are now very uniform over W Europe. Shallower thunderstorm depressions are found in some places.

DAILY WEATHER REPORT MAY 29th 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			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	29.85	57	N	2	o	29.94	+ .16	57	48	0	N	2	o	*	52	39	-	
Hernösand	30.02	53	Z	0	o	30.04	+ .13	54	48	+ 2	Z	0	o	*	*	*	-	
Stockholm	30.03	57	S	2	c	29.93	- .09	60	53	+ 1	SSE	2	o	*	*	*	-	
Wisby	29.98	56	SSE	4	c	29.84	- .20	57	57	+ 3	E	6	o	*	*	*	-	
Christiansund	30.02	57	WNW	1	bc	30.01	+ .10	52	48	+ 1	W	1	c	2	54	41	-	
Skudesnaes	30.00	57	NNW	5	m	29.96	- .02	56	52	+ 4	NNW	6	o	2	?	?	-	
Oxö (Kriensand)	29.98	55	ENE	4	b	29.91	- .07	57	50	+ 4	NNE	2	o	1	?	48	0.20	
Skagen (The Shaw)	29.90	53	NE	3	c	29.87	- .14	55	53	+ 2	NE	3	c	1	63	48	-	
Fanö	29.82	56	NNE	4	c	29.77	- .13	60	56	+ 3	NNE	4	bc	*	70	53	-	
Cuxhaven	29.78	66	ESE	2	c	29.71	- .19	57	56	- 2	NE	3	c	*	66	54	0.03	
Sumburgh Head	30.04	53	E	1	c	30.08	+ .15	57	48	+ 1	W	2	c	1	56	42	-	
Stornoway	30.00	52	NE	5	bc	30.12	+ .22	52	48	+ 3	NNW	1	o	1	52	41	-	
Thurso	30.02	53	ENE	2	c	30.10	+ .18	50	49	+ 1	W	2	o	2	56	43	0.01	
Wick	30.05	50	ENE	2	o	30.12	+ .20	54	49	+ 3	W	2	o	0	55	43	-	
Nairn	30.01	50	E	2	o	30.13	+ .24	53	49	+ 3	Z	0	c	0	50	48	-	
Aberdeen	29.98	57	ENE	1	o	30.13	+ .25	50	47	0	NNW	1	o	1	53	48	0.05	
Leith	29.94	57	ENE	3	o	30.11	+ .26	49	48	- 3	E	2	o	*	57	47	0.01	
Shields	29.92	54	ENE	1	o	30.09	+ .24	47	46	- 4	NE	2	tm	3	57	45	0.02	
Scarborough	29.90	52	NE	1	c	30.05	+ .20	48	46	- 6	NNE	3	o	4	55	45	-	
York	29.88	60	E	1	o	30.05	+ .15	50	48	0	ENE	3	o	*	57	47	-	
Nottingham	29.86	60	NE	3	o	30.03	+ .17	52	50	- 3	N	6	T	*	69	48	0.01	
Ardrossan	29.93	57	ENE	2	c	30.12	+ .27	52	50	- 1	NE	1	c	0	62	48	0.08	
Greencastle	30.00	51	N	2	o	30.15	+ .26	52	49	- 1	NNW	2	o	*	58	47	-	
Donaghadee	29.96	54	N	4	o	30.13	+ .25	54	51	+ 2	N	3	o	2	58	48	-	
Kingstown	29.95	57	E	1	o	30.12	+ .27	57	49	+ 2	NW	4	o	4	57	47	-	
Holyhead	29.92	54	NNW	2	bc	30.07	+ .22	53	57	+ 1	NNW	3	bc	3	57	50	-	
Liverpool (Bidston)	29.89	54	NW	1	o	30.06	+ .22	58	57	+ 4	NE	2	o	1	57	46	-	
Valencia	30.05	55	N	4	o	30.19	+ .26	54	49	+ 1	NE	5	o	4	58	46	-	
Roche's Point	30.00	56	NNE	3	c	30.12	+ .24	52	48	0	N	4	o	3	62	47	-	
Penbroke	29.88	55	N	4	o	30.04	+ .23	53	57	+ 2	N	5	bc	2	57	48	-	
Portishead	29.87	57	NNW	3	o	29.99	+ .18	51	50	- 1	N	4	T	3	64	49	0.09	
Scilly	29.91	55	N	5	o	30.07	+ .20	55	52	+ 2	N	5	c	4	55	57	0.02	
Plymouth	29.82	55	NNW	3	bc	30.00	+ .24	55	52	0	NNW	2	o	*	62	49	0.20	
Hurst Castle	29.77	57	Z	0	o	29.91	+ .13	52	57	- 4	N	3	T	3	62	49	0.47	
Dover	29.76	59	ENE	3	o	29.79	- .02	53	52	- 3	NNE	4	o	3	62	51	0.54	
London	29.78	58	NE	1	og	29.88	+ .10	57	50	- 6	NNE	4	odg	*	66	50	0.22	
Oxford	*	*	*	*	*	29.96	+ .14	51	49	- 4	NNW	3	o	*	61	49	0.08	
Cambridge	29.87	56	N	1	o	29.92	+ .09	57	50	- 5	N	3	o	*	62	50	0.05	
Yarmouth	29.82	54	NNE	2	bc	29.86	+ .01	52	57	- 3	NNE	5	cmg	5	57	50	0.05	
The Helder	*	*	*	*	*	29.76	- .10	57	55	0	NNE	2	c	*	*	*	0.04	
Cape Gris Nez																		
Jersey	29.80	53	NE	1	o	29.98	+ .20	52	57	- 1	N	3	om	3	60	50	0.15	
Brest	29.87	57	N	4	o	30.05	+ .30	52	52	+ 2	N	4	o	3	?	48	0.20	
L'Orient	29.87	50	NNW	3	T	30.03	+ .29	54	52	+ 4	NNW	3	o	3	59	46	0.31	
Rochefort	29.82	59	NNW	6	T	30.09	+ .22	57	54	+ 3	NW	6	c	4	66	48	0.11	
Biarritz	29.99	59	WSW	6	T	30.15	+ .27	55	54	+ 1	WSW	5	T	5	59	48	0.16	
Corunna	*	*	*	*	*										*	*	*	
Brussels	*	*	*	*	*	29.87	+ .10	50	49	- 9	SW	4	T	*	69	49	1.02	
Charleville	*	*	*	*	*	29.79	+ .14	49	*	- 4	SW	3	c	*	*	*	*	
Paris	29.70	54	NNW	2	T	29.82	+ .05	57	48	- 2	SW	3	o	*	*	*	0.43	
Lyons	*	*	*	*	*	30.07	+ .18	59	*	0	SE	4	c	*	*	*	*	
Toulon	29.95	55	NNW	6	o	30.10	+ .24	54	48	- 5	NNW	5	o	5	61	?	0.04	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.99	56	50	NNN	2	bc	2	Valencia	30.00	57	50	N	3	bc	4
Thurso	29.97	54	57	ENE	2	o	3	Scilly	29.86	55	52	NNE	5	c	4
Scarborough ...	29.87	53	57	SE	1	o	1	London	29.78	62	56	ESE	1	o	*
Greencastle ...	29.95	56	52	NNE	2	bc	*	Rochefort ...	29.79	61	54	NNN	5	c	4
Holyhead	29.90	54	52	NNN	3	o	2								

The depression noticed over the N. of France has passed eastward up the Channel, so that while the barometer has fallen somewhat in London, it has risen at our other stations. Winds in E to NE and the weather fine.

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.

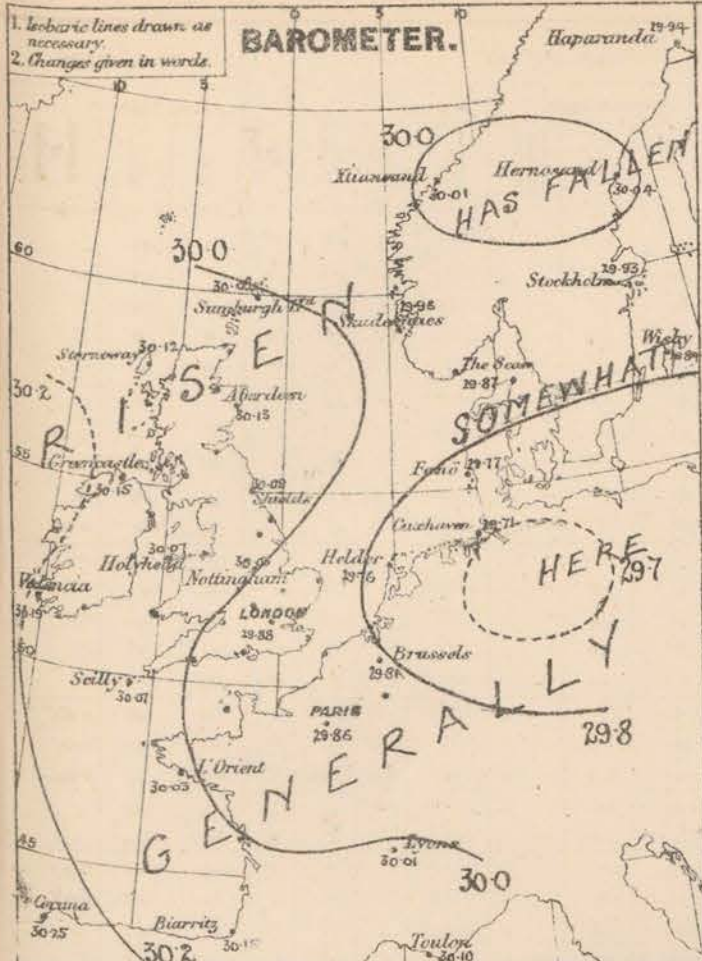
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 29 May. 1873.

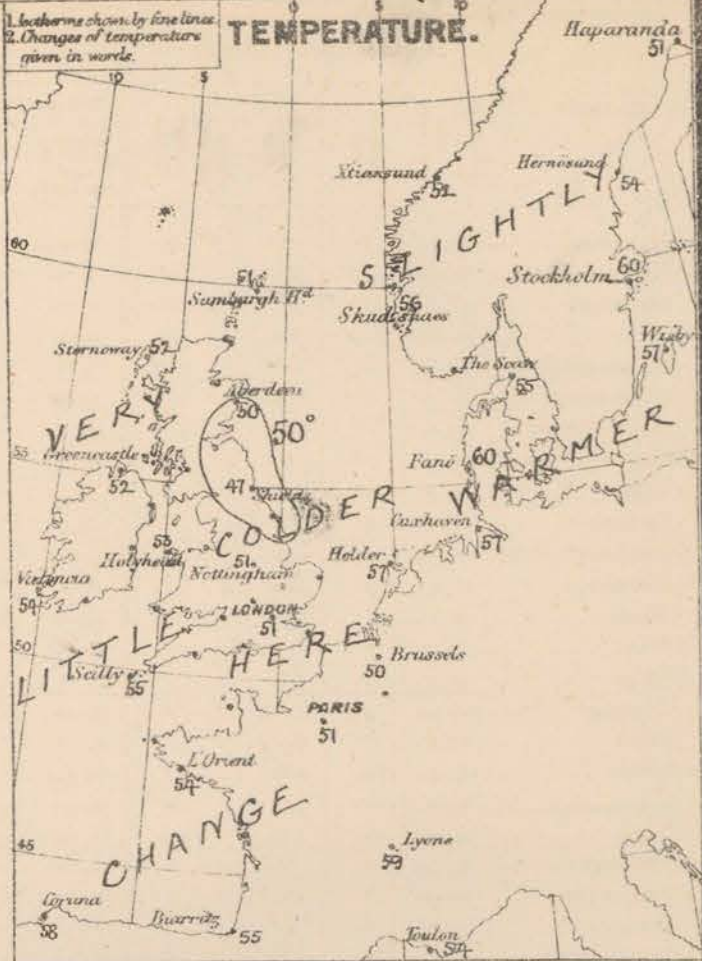
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



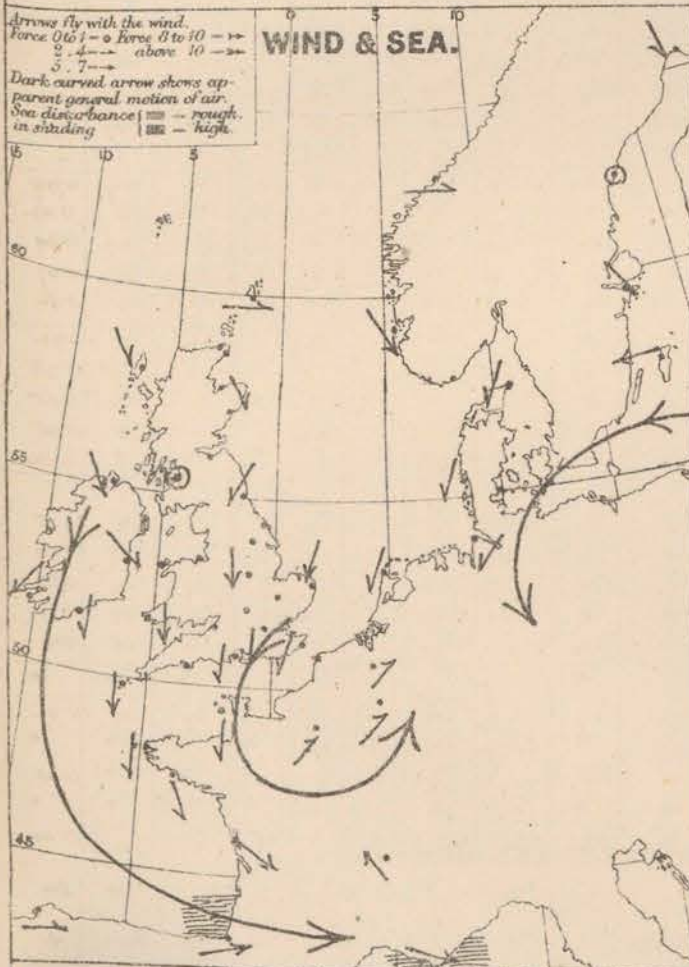
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



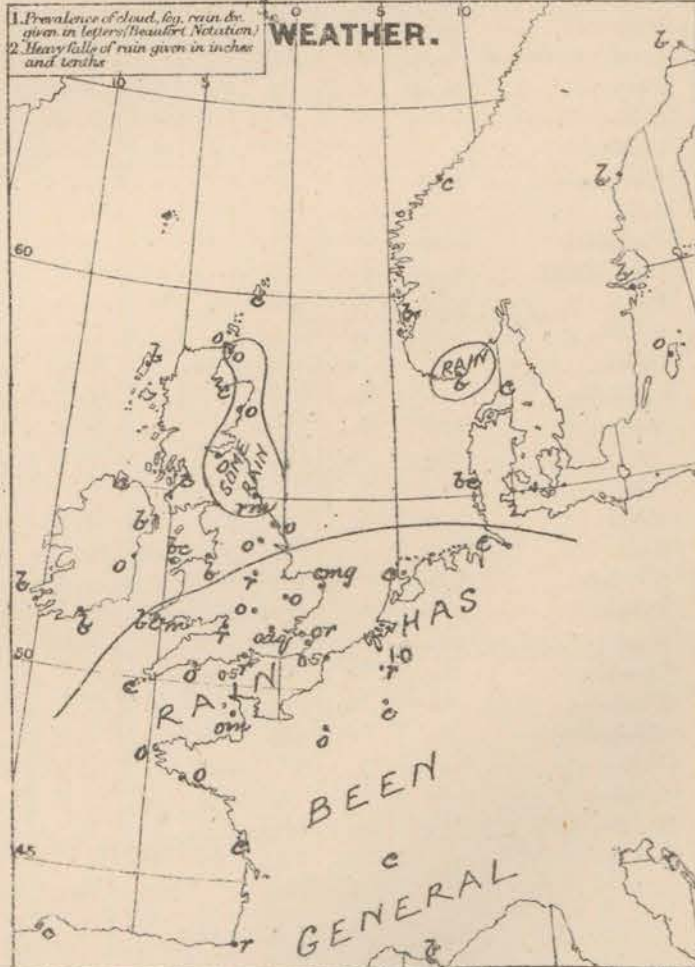
1. Arrows fly with the wind. Force 0 to 10 - - - - - above 10 - - - - -
2. Dark curved arrow shows apparent general motion of air. Sea disturbance - - - - - rough, in shading - - - - - high.

WIND & SEA.



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

WEATHER.



REMARKS.

Weather is very dull at all but the Scandinavian stations, and in Ireland, with steady rain in the E. and S. A good deal of rain has fallen at the S. and SE. stations since yesterday, the amounts reported this morning being as large as an inch at Brussels, half an inch at Hurst Castle and Dover, four tenths at Paris, and more than two tenths in London. Thunder occurred at Oxford and Worcester, but in some places. Temperature has decreased several degrees in the E. and SE., but has risen a little in the N. and NW., and is now remarkably uniform over the British Isles. Wind is very light from the W. in the N. of Scotland, moderate from N. over England, Ireland and the Bay of Biscay from SW. in the NE. of France, and light from NE. on the shores of the North Sea. Sea is moderate in the E. and S. slight or smooth elsewhere.

Barometrical Indication. The depression noticed near the mouth of the Channel yesterday has travelled E. and now lies over North Germany, while a secondary disturbance has appeared in the NE. of France. In the rear of these disturbances (i.e. over the United Kingdom and France) the mercury has risen, and gradients for N. winds have become established.

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

R. H. SCOTT.

Secretary.

DAILY WEATHER REPORT MAY 30th 1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.90	45	Z	0	bc	29.80	-.14	51	47	0	Z	0	bc	*	59	39	-		
Hernösand ...	29.89	50	Z	0	bc	29.64	-.40	54	48	0	Z	2	bc	*	*	*	-		
Stockholm ...	29.73	51	NE	4	0	29.50	-.43	57	51	- 3	NNE	4	bc	*	*	*	5		
Wisby ...	29.58	50	NNE	8	7	29.48	-.36	48	47	- 9	NNE	8	0	*	*	*	0.39		
Christiansund ...	29.86	49	NW	4	0	29.80	-.21	48	45	- 4	N	4	0	4	52	39	0.24		
Skudesnaes ...	29.95	50	NNW	8	bc	29.89	-.07	50	44	- 6	NNW	7	bc	3	3	50	-		
Oxö (Xtiansand) ...	29.81	57	NNW	2	bc	29.75	-.16	55	48	- 2	NNW	4	bc	2	63	50	-		
Skagen (The Scaw) ...	29.78	55	NNW	2	bc	29.70	-.17	57	52	+ 2	NW	3	bc	2	68	46	-		
Fanö ...	29.84	53	NNW	5	bc	29.87	+ .10	54	50	- 6	NNW	6	c	*	70	50	-		
Cuxhaven ...	29.84	62	N	3	bc	29.95	+ .24	54	52	- 3	N	5	0	*	63	50	-		
Sumburgh Head ...	30.05	50	N	5	0	30.01	-.07	47	42	- 4	NNW	3	0	4	55	42	0.01		
Stornoway ...	30.16	54	NNW	4	c	30.12	.00	51	48	- 1	NNW	4	c	3	58	46	0.02		
Thurso ...	30.13	52	NNW	3	bc	30.08	-.02	49	46	- 1	NNW	4	c	3	57	46	0.03		
Wick ...	30.14	52	NNW	4	bc	30.08	-.04	52	49	- 2	N	3	bc	1	62	44	0.01		
Nairn ...	30.16	58	Z	0	c	30.12	-.01	51	47	- 2	Z	0	0	1	60	47	-		
Aberdeen ...	30.14	54	SE	1	bc	30.10	-.03	53	48	+ 3	NNW	2	bc	1	57	46	-		
Leith ...	30.13	55	E	2	0	30.10	-.01	56	51	+ 7	NNW	1	bc	*	58	47	-		
Shields ...	30.16	53	NE	2	bc	30.14	+ .05	53	50	+ 6	NNW	1	cm	2	53	44	0.01		
Scarborough ...	30.13	51	N	3	bc	30.15	+ .10	53	49	+ 5	NNW	1	c	2	55	42	-		
York ...	30.17	53	N	2	0	30.17	+ .12	50	48	0	SE	1	bc	*	54	37	-		
Nottingham ...	30.14	55	N	5	bc	30.19	+ .16	51	47	- 1	NNE	3	0	*	61	41	-		
Ardrossan ...	30.15	58	N	3	c	30.15	+ .03	51	48	- 3	NNW	2	bc	1	62	47	-		
Greencastle ...	30.23	54	NNW	2	bc	30.19	+ .04	53	49	+ 1	N	2	0	*	57	43	-		
Donaghadee ...	30.19	53	N	2	bc	30.20	+ .07	54	51	0	N	3	bc	2	59	46	-		
Kingstown ...	30.21	57	N	1	bc	30.23	+ .09	50	48	- 1	N	1	bc	2	57	48	-		
Holyhead ...	30.17	55	N	4	bc	30.17	+ .10	52	50	- 1	N	3	bc	2	57	49	-		
Liverpool (Bidston) ...	30.15	56	NNW	1	c	30.16	+ .10	57	52	+ 2	N	1	bc	1	60	48	-		
Valencia ...	30.21	58	N	3	bc	30.18	-.01	61	54	+ 7	Z	0	cm	1	61	45	-		
Roche's Point... ..	30.21	58	S	2	bc	30.19	+ .07	55	50	+ 3	ENE	3	bc	2	65	46	-		
Pembroke ...	30.12	54	N	5	bc	30.15	+ .11	54	51	+ 1	Z	0	cm	1	58	47	-		
Portishead ...	30.08	58	N	3	0	30.15	+ .16	50	47	- 1	N	2	0	2	60	44	-		
Seilly ...	30.14	54	NNE	4	0	30.13	+ .06	55	53	0	E	5	c	2	55	53	0.05		
Plymouth ...	30.09	54	Z	0	0	30.13	+ .13	54	50	- 1	ENE	4	bc	*	61	50	0.18		
Hurst Castle ...	30.05	57	NE	3	0	30.13	+ .22	51	49	- 1	ENE	3	0	3	58	48	0.20		
Dover ...	30.02	55	NE	5	bc	30.12	+ .23	52	49	- 1	NE	3	ag	2	58	49	0.03		
London ...	30.08	54	NNE	3	0	30.15	+ .27	48	46	- 3	NE	1	0	*	58	47	0.05		
Oxford ...	*	*	*	*	*	30.16	+ .20	47	44	- 4	NE	1	0	*	58	42	-		
Cambridge ...	30.12	50	N	2	0	30.15	+ .23	51	48	0	N	1	0	*	57	45	0.02		
Yarmouth ...	30.06	52	N	4	c	30.14	+ .28	50	47	- 2	NNE	3	bc	3	57	46	-		
The Helder ...	*	*	*	*	*	30.08	+ .32	52	49	- 5	NNW	2	c	*	*	*	-		
Cape Gris Nez ...	30.04	54	NNE	5	0	30.12	- .13	50	48	0	NNE	4	0	4	55	48	0.16		
Jersey ...	30.09	52	N	2	7	30.12	+ .14	52	51	0	NE	3	cm	3	53	49	0.24		
Brest ...	30.16	?	N	3	0	30.13	+ .08	52	50	0	N	2	0	2	59	46	0.12		
L'Orient ...	30.10	54	NNW	1	bc	30.08	+ .05	52	52	- 2	N	1	cm	2	63	46	0.35		
Roche fort ...	30.14	61	NNW	4	bc	30.11	+ .11	59	54	+ 2	NNW	3	bc	3	73	48	-		
Biarritz ...	30.14	61	NNW	1	bc	30.07	- .08	54	52	- 1	ENE	3	bc	3	61	46	-		
Corunna ...	*	*	*	*	*	30.12	- .13	59	*	+ 1	N	?	c	2	*	*	*		
Brussels ...	*	*	*	*	*	30.08	+ .27	51	49	+ 1	NNE	2	f	*	59	?	0.64		
Charleville ...	*	*	*	*	*	30.01	+ .22	52	*	- 3	S	1	f	*	*	*	*		
Paris ...	29.97	58	NNW	2	0	30.12	+ .26	55	53	+ 4	E	2	f	*	*	*	-		
Lyons ...	*	*	*	*	*	30.18	+ .17	59	*	0	N	2	bc	*	*	*	*		
Toulon ...	30.12	59	N	5	bc	30.10	.00	57	54	+ 3	N	5	bc	4	64	?	-		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.95	52	?	NNW	8	bc	4	Valencia	30.21	60	52	N	3	bc	4
Thurso	30.14	54	52	NNW	3	bc	3	Seilly	30.14	55	53	N	5	o	4
Scarborough ...	30.11	52	49	N	3	o	3	London	30.00	58	55	NNE	3	o	*
Greencastle ...	30.20	54	50	NNW	2	o	*	Roche fort ...	30.09	61	55	NN	5	bc	3
Holyhead	30.14	55	52	N	4	bc	3								

The barometer has continued to rise generally most in the S.E. The rain has ceased at the E^m and S^m stations but the sky remains very cloudy, and dull.

EXPLANATION OF COLUMNS.

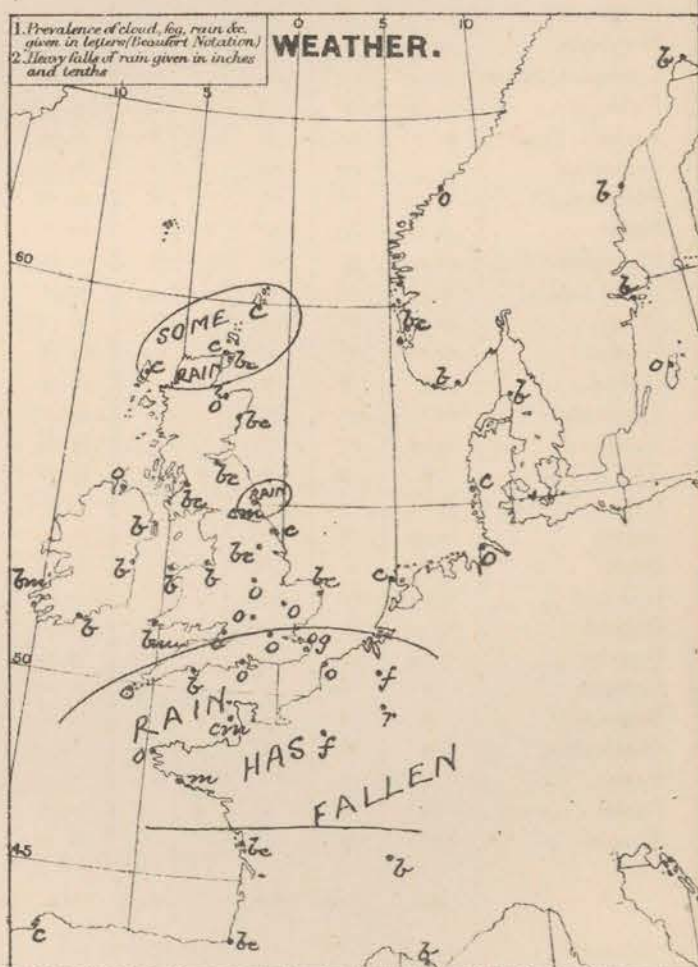
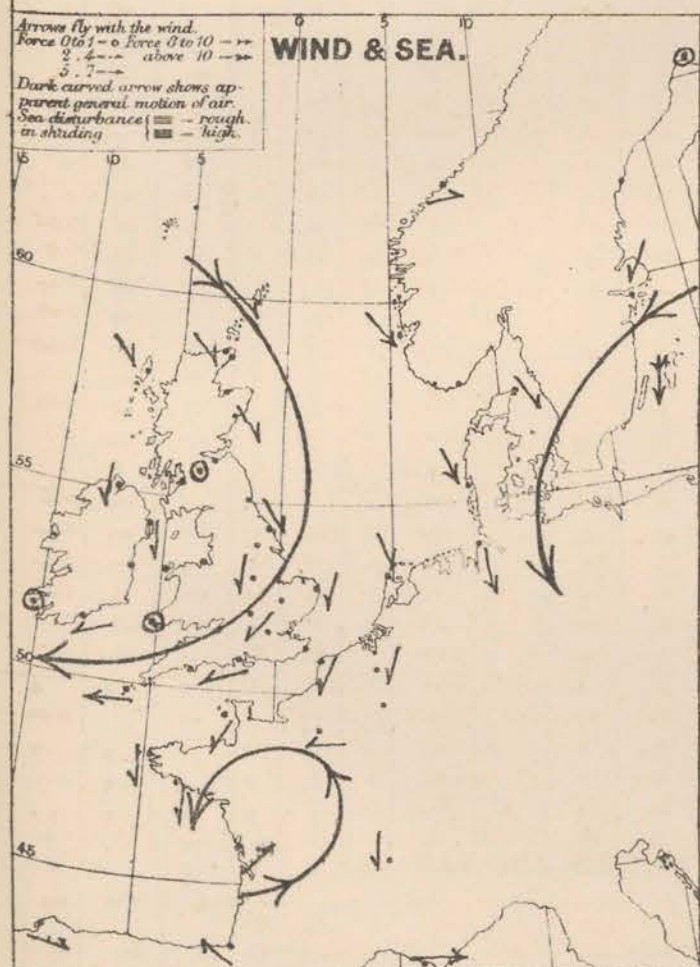
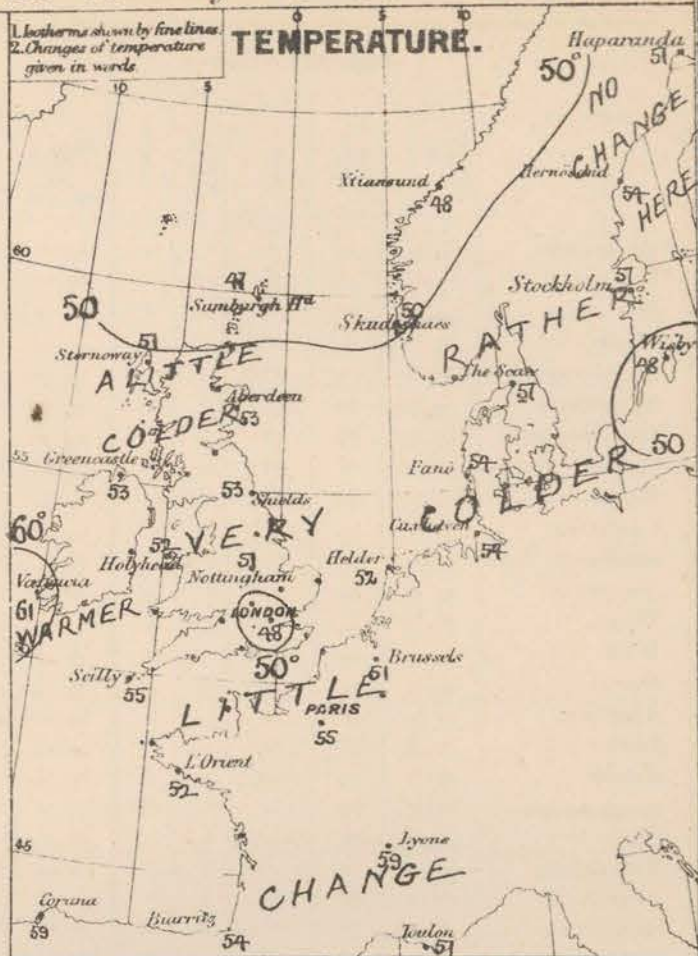
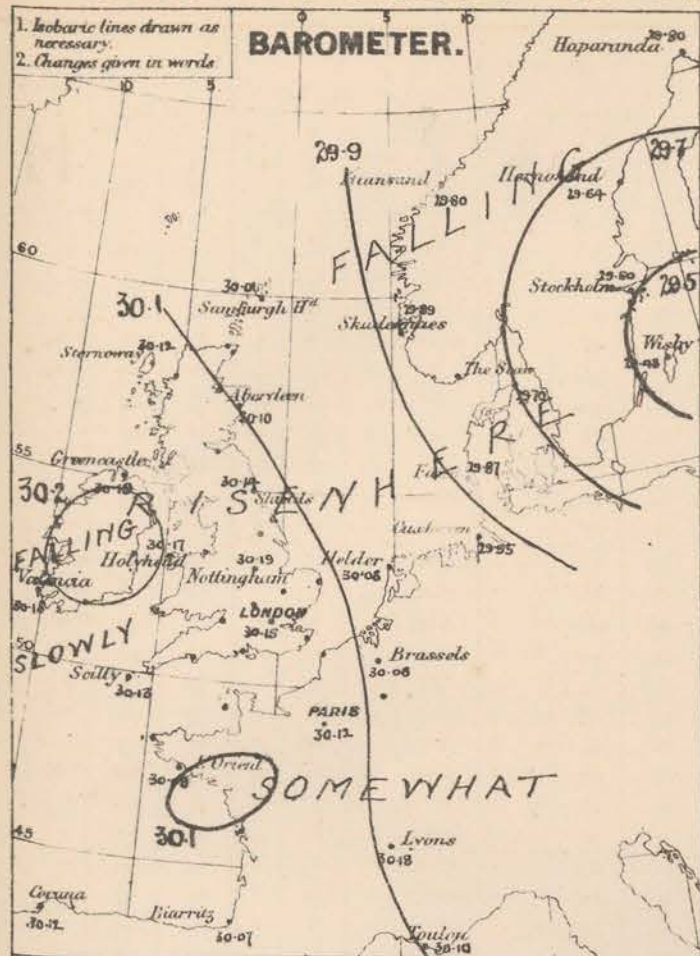
WEATHER.—Beaufort Scale is, b. blue sky, c. detached clouds, d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 30. MAY 1878.*



REMARKS. Weather is clear and bright in the Wth parts of the United Kingdom, fine in the N. but cloudy and dull at all our Sth stations and in the N. of France, with rain at Charleville. Rain fell at the Sth and Eth stations yesterday, and slight showers in the extreme N. of Scotland, elsewhere the weather was dry. Temperature is high in the W. but low over the inland parts of England, the thermometer at Valentia standing 13° or 14° higher than at London and Belfast. The maximum values yesterday were about 60° at some of our Nth and NW ports, but in London the highest was 58°. In Denmark the maxima varied from 68° to 70°. Winds is light from NNW on our Nth coasts, and fresh from the same quarter on the Eth shores of the North Sea; light from NE in the Channel, and S of England, Nth in the NW of France, but SW at Rochefort. Sea is slight or smooth everywhere.

Barometrical Indications. The depression noticed in the SE. yesterday has passed over to N. Germany on the Baltic, where it has become deeper than it was over France. The barometrical readings now vary from 30.2 in. over Ireland to 29.5 in. at Stockholm and Wismar. In the mean time a new (but very shallow) depression has reached the W. of Spain; and is apparently

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

R. H. SCOTT.

SECRET

DAILY WEATHER REPORT

MAY 31st

1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.57	56	E	4	c	29.44	-.36	54	47	+ 3	NE	8	c	*	68	46	-	
Hernösand ...	29.45	46	NNH	2	f	29.17	-.47	46	45	- 8	Z	0	f	*	*	*	0.43	
Stockholm ...	29.41	54	SSH	2	δ	29.34	-.16	50	42	- 7	W	8	δc	*	*	*	0.04	
Wisby ...	29.51	52	NNE	6	f	29.59	+ .11	46	41	- 2	W	9	δ	*	*	*	-	
Christiansund ...	29.61	42	NNH	4	δc	29.60	-.20	44	40	- 4	NNH	3	δ	5	?	34	-	
Skudesnaes ...	29.83	43	NNH	6	δc	29.70	-.19	43	40	- 7	NNH	6	f	3	50	43	0.12	
Oxö (Xtiansand) ...	29.73	48	W	6	δ	29.67	-.08	48	44	- 7	W	8	δc	4	59	41	-	
Skagen (The Scaw) ...	29.65	50	W	9	δ	29.66	-.04	50	45	- 7	W	9	δc	9	63	41	-	
Fanö ...	29.92	50	NNH	6	c	29.91	-.04	52	46	- 2	NNH	6	δc	*	55	45	-	
Cuxhaven ...														*				
Sumburgh Head ...	29.98	44	NNH	7	c	29.90	-.11	45	43	- 2	NNH	6	c	6	52	41	0.01	
Stornoway ...	30.13	53	N	4	δ	30.09	-.03	50	45	- 1	NNH	4	δ	3	54	40	-	
Thurso ...	30.09	50	NNH	4	δ	30.03	-.05	48	47	- 1	NNH	5	0	5	55	44	0.01	
Wick ...	30.10	51	NNH	2	δ	30.03	-.05	48	47	- 4	N	4	δc	2	57	39	-	
Nairn ...	30.11	52	NNH	1	δc	30.05	-.07	48	42	- 3	NNH	2	c	1	60	38	-	
Aberdeen ...	30.09	55	N	2	δ	30.05	-.05	49	43	- 4	NNH	3	δ	1	58	40	0.03	
Leith ...	30.06	59	E	1	δ	30.04	-.06	53	50	- 3	ENE	2	δc	*	62	46	-	
Shields ...	30.11	52	ENE	1	0	30.07	-.07	50	47	- 3	ENE	1	δc	0	58	47	-	
Scarborough ...	30.08	54	NNH	1	f	30.06	-.09	50	48	- 3	E	1	0	1	61	49	0.05	
York ...	30.09	58	NNH	4	0	30.07	-.10	52	49	+ 2	NNE	1	0	*	61	47	0.01	
Nottingham ...	30.12	60	S	1	c	30.06	-.13	56	52	+ 5	NNE	1	δw	*	70	47	-	
Ardrossan ...	30.09	57	NNH	1	δ	30.05	-.10	54	50	+ 3	NNH	2	δc	1	59	49	-	
Greencastle ...	30.18	54	N	2	0	30.08	-.11	52	47	- 1	NNE	2	δ	*	57	44	-	
Donaghadee ...	30.15	53	N	2	δ	30.08	-.12	52	49	- 2	N	3	δ	2	59	47	-	
Kingstown ...	30.17	57	ENE	1	δ	30.11	-.12	50	48	0	NE	4	δc	3	58	49	-	
Holyhead ...	30.14	54	N	3	δ	30.06	-.11	51	49	- 1	NNH	2	0	1	56	50	-	
Liverpool (Bidston) ...	30.10	55	NNH	1	δ	30.05	-.11	53	51	- 4	W	1	δ	1	58	47	-	
Valencia ...	30.13	61	N	3	δc	30.09	-.09	59	53	- 2	Z	0	δm	1	65	44	-	
Roche's Point... ..	30.13	54	SE	3	δ	30.11	-.08	55	51	0	E	2	δc	3	66	48	-	
Pembroke ...	30.10	56	NNE	4	δ	30.04	-.11	53	51	- 1	NNE	2	δ	2	63	47	-	
Portishead ...	30.08	58	N	2	δ	30.04	-.11	52	49	+ 2	N	1	δw	1	65	42	-	
Seilly ...	30.11	54	E	3	0	30.04	-.09	55	51	0	ENE	3	δm	2	57	51	-	
Plymouth ...	30.09	54	E	4	δ	30.04	-.09	55	50	+ 1	E	3	δc	*	57	47	-	
Hurst Castle ...	30.09	56	E	1	W	30.03	-.10	53	50	+ 2	E	3	c	3	57	45	-	
Dover ...	30.10	53	E	3	0	30.05	-.07	54	51	+ 2	E	3	c	2	56	48	-	
London ...	30.12	55	E	1	og	30.06	-.09	53	49	+ 5	ENE	1	δc	*	58	40	-	
Oxford ...	*	*	*	*	*	30.06	-.10	52	48	+ 5	W	0	δ	*	58	39	-	
Cambridge ...	30.11	60	S	1	δ	30.05	-.10	53	51	+ 2	S	1	δc	*	60	38	-	
Yarmouth ...	30.12	56	NE	1	δ	30.06	-.08	51	49	+ 1	Z	0	c	2	56	46	-	
The Helder ...	*	*	*	*	*	30.05	-.03	53	50	+ 1	NNH	1	δc	*	*	*	-	
Cape Gris Nez ...	30.11	50	NNE	2	0	30.03	-.09	52	50	+ 2	ENE	2	0	2	54	50	-	
Jersey ...	30.08	55	ENE	3	c	30.00	-.12	56	53	+ 4	NE	3	δm	3	59	50	-	
Brest ...	30.06	?	NE	3	0	29.98	-.15	54	52	+ 2	ENE	4	0	3	61	48	0.04	
L'Orient ...	30.02	59	SH	1	c	29.90	-.18	55	54	+ 3	ENE	5	m	3	64	50	-	
Rochefort ...	29.96	66	NNH	2	δc	29.81	-.30	57	55	- 2	E	5	f	3	72	48	-	
Biarritz ...	29.86	64	ENE	4	0	29.78	-.29	59	55	+ 5	SSE	2	f	3	77	52	0.35	
Corunna ...	*	*	*	*	*									*	*	*	*	
Brussels ...	*	*	*	*	*	30.03	-.05	54	50	+ 3	E	4	δc	*	60	49	-	
Charleville ...	*	*	*	*	*	29.94	-.07	56	*	+ 4	E	3	0	*	*	*	0.04	
Paris ...	30.03	57	N	2	c	29.98	-.14	54	52	- 1	NNE	1	0	*	*	*	-	
Lyons ...	*	*	*	*	*	29.96	-.22	60	*	+ 1	NE	2	δ	*	*	*	-	
Toulon ...	30.04	63	W	5	δ	30.02	-.08	55	55	- 2	E	4	0	3	70	55	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.82	49	41	NH	7	0	4	Valencia	30.14	63	55	NNE	2	δm	2
Thurso	30.09	53	48	NH	4	c	3	Seilly	30.12	56	53	E	4	a	2
Scarborough ...	30.09	59	53	NH	1	0	2	London	30.14	54	50	E	1	og	#
Greencastle ...	30.19	55	50	N	2	0	#	Rochefort ...	30.06	66	61	NH	2	δc	3
Holyhead	30.16	54	50	N	4	δ	3								

No important change is reported.

EXPLANATION OF COLUMNS.

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

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR MAY 1878

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.	
				Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
1 st	Corunna	*	*	*	*	*	29.94	+11	59	*	-5	SW	6	c p	?	*	*	*	
"	Silly 2pm	-	-	-	-	-	29.70	-	56	55	-	WNW	4	o f	4	-	-	-	
2 nd	Cushaven	29.72	?	E	1	6	29.79	+16	56	54	+2	ESE	1	c	*	59	50	-	
"	Corunna	*	*	*	*	*	30.20	+26	58	*	-1	SW	1	6	1	*	*	*	
3 rd	Corunna	*	*	*	*	*	30.19	-01	58	*	0	NE	3	c	1	*	*	*	
4 th	Corunna	*	*	*	*	*	30.15	-04	58	*	0	NE	9	c	7	*	*	*	
7 th	Corunna	*	*	*	*	*	29.87	-	58	*	-	S	3	c	1	*	*	*	
8 th	Corunna	*	*	*	*	*	29.82	-05	57	*	-1	SW	3	c	1	*	*	*	
9 th	Corunna	*	*	*	*	*	29.77	-05	57	*	+2	?	?	6	1	*	*	*	
10 th	Corunna	*	*	*	*	*	29.59	-18	60	*	+1	SW	9	c n	7	*	*	*	
11 th	Corunna	*	*	*	*	*	29.64	+05	60	*	0	S	9	c p	7	*	*	*	
13 th	Corunna	*	*	*	*	*	29.76	-	59	*	-	SW	6	c	5	*	*	*	
14 th	Corunna	*	*	*	*	*	29.85	+09	60	*	+1	W	3	6	1	*	*	*	
16 th	Corunna	*	*	*	*	*	30.05	+21	62	*	+1	SW	6	c	7	*	*	*	
17 th	Corunna	*	*	*	*	*	30.11	+06	64	*	+2	SW	?	c	1	*	*	*	
18 th	Corunna	*	*	*	*	*	30.23	+12	64	*	0	SW	3	c	1	*	*	*	
20 th	Corunna	*	*	*	*	*	30.32	-	60	*	-	N	3	c	1	*	*	*	
21 st	Corunna	*	*	*	*	*	30.24	-08	62	*	+2	W	?	c	1	*	*	*	
22 nd	Corunna	*	*	*	*	*	30.18	-06	64	*	+2	?	?	c	1	*	*	*	
24 th	Corunna	*	*	*	*	*	29.99	-00	56	*	+10	NW	9	o f n	7	*	*	*	
25 th	Corunna	*	*	*	*	*	30.17	+18	55	*	-1	NE	3	c	5	*	*	*	
27 th	Corunna	*	*	*	*	*	?	?	56	*	-5	N	1	o f p	1	*	*	*	
29 th	Corunna	*	*	*	*	*	30.25	-	58	*	-	W	3	c	1	*	*	*	
31 st	Cushaven	30.07	54	NW	4	0	30.01	+06	53	50	-1	NNW	3	6	*	54	48	-	
"	Corunna	*	*	*	*	*	29.92	-20	58	*	-1	?	?	o f	?	*	*	*	
CORRECTIONS																			
1 st	Cambridge	-	-	-	-	-	-	-	-	-	-	S	-	-	-	-	-	0.52	
"	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.46	
2 nd	Scarborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21	
3 rd	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	0.24	
"	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11	
"	Silly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	London	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	-	0.08	
9 th	Paris	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	
11 th	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	-	
12 th	Skudonass	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	-	
"	Skagen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61	-	0.05	
"	London	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Paris	-	-	-	-	-	-	-	-	61	-	-	-	-	-	-	-	-	
13 th	Androssau	-	-	SSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Oxford	-	-	-	-	-	-	-	-	51	-	-	-	-	-	-	-	-	

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

DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 330 P. 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.		
14 th	Stornoway....	29.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Lorient....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.87	
15 th	Greencastle.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.49	
"	Kingstown..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42	
16 th	Poch's Point.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	
17 th	Greencastle...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.49	
"	Portishead..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.81	
"	Cambridge..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.12	
"	Brest....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	-	
20 th	Wick.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-	
"	Aberdeen....	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	
21 st	Stornoway...	-	-	-	-	-	-	-	-	239	-	-	-	-	-	-	-	-	
22 nd	Scarborough..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	
"	Pembroke....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	
"	Dover.....	-	-	-	-	-	-	-	54	-	+ 2	-	-	-	-	-	-	-	
23 rd	Bonaghadee..	29.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Dover.....	-	-	-	-	-	-	-	-	-	- 2	-	-	-	-	-	-	-	
24 th	Jersey.....	-	-	-	-	-	-	-	52	51	- 3	-	-	-	-	-	-	-	
25 th	Thurston....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	-	-	
"	Jersey.....	-	-	-	-	-	-	-	-	-	+ 2	-	-	-	-	-	-	-	
26 th	Oxford.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.20	
28 th	Maine.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30	
29 th	Wick.....	30.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	York.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	-	-	
30 th	Silly.....	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	