

1164

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY — 31ST DECEMBER,
1878.



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

Davies & Co. Ltd., London.

DAILY WEATHER REPORT

SEPT 1st

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.	
			Direc.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 15).			Max.	Min.		
Haparanda ...	29.89	60	SE	2	c	29.82	-.15	57	54	0	SE	4	0	*	68	50	-	
Hernösand ...	29.76	57	L	0	o	29.68	-.11	57	56	0	N	2	0	*	*	*	0.04	
Stockholm ...	29.63	59	L	0	o	29.65	-.08	57	56	-.2	W	2	0	*	*	*	0.08	
Wisby ...	29.68	59	SH	6	b	29.69	+.04	62	60	0	H	6	bc	*	*	*	-	
Christiansund ...	29.64	59	L	0	b	29.69	+.06	54	53	-.8	?	3	f	0	70	46	-	
Skudesnaes ...	29.64	60	SH	1	o	29.72	+.18	67	64	+.3	L	0	0	3	?	?	0.12	
Oxö (Hälsö)	29.65	62	NE	4	v	29.70	+.14	60	59	-.2	N	2	b	2	64	57	0.04	
Skagen (The Seaw.)	29.64	62	L	0	v	29.68	+.08	62	60	-.1	L	0	o	0	66	54	-	
Nanö ...	29.62	60	SSH	2	f	29.67	+.11	63	61	0	ENE	2	bc	*	68	57	0.55	
Cuxhaven ...	29.72	64	SSH	3	o	29.72	+.06	63	62	+.2	SSH	4	v	*	66	59	0.11	
Sumburgh Head	29.76	55	NE	1	W	29.89	+.26	52	51	-.2	N	3	o	3	57	50	0.01	
Stornoway	29.83	55	N	6	c	29.98	+.25	54	53	0	N	2	o	4	61	50	-	
Thurso ...	29.78	55	N	2	f	29.97	+.30	53	53	-.2	N	2	f	3	57	52	0.07	
Wick ...	29.74	55	N	4	o	29.98	+.34	54	53	-.1	N	3	o	1	58	52	0.02	
Nairn ...	29.81	56	L	0	f	29.99	+.23	56	55	+.1	H	1	o	2	58	?	0.18	
Aberdeen ...	29.68	57	NNH	6	o	29.93	+.26	56	54	-.2	NNH	4	v	2	62	54	0.01	
Leith ...	29.65	62	NNH	2	bc	29.92	+.35	55	53	-.4	H	?	b	*	67	53	0.07	
Shields ...	29.65	61	N	3	b	29.94	+.43	58	55	-.1	N	3	o	3	64	54	0.09	
Scarborough	29.65	60	NNH	2	bc	29.91	+.46	57	55	-.1	NNH	5	o	5	62	58	0.18	
York ...	29.67	61	NNH	1	b	29.93	+.45	57	55	-.2	NNH	4	o	*	65	55	0.38	
Nottingham ...	29.73	62	NNH	2	v	29.96	+.43	58	57	-.2	NNH	2	o	*	71	55	0.16	
Ardrossan ...	29.74	61	NNH	4	v	29.96	+.36	56	54	-.4	NNH	3	b	2	64	52	-	
Greencastle ...	29.85	56	NNH	5	o	30.03	+.33	55	54	-.2	H	1	v	*	61	51	0.02	
Donaghadee ...	29.84	58	N	5	v	30.00	+.39	56	53	-.1	ENE	4	bc	3	63	57	-	
Kingstown ...	29.89	60	NNH	5	v	30.09	+.39	56	53	-.2	NNH	4	v	4	61	55	-	
Holyhead ...	29.82	59	NNH	6	v	30.05	+.42	57	53	-.2	NNH	4	v	3	63	56	-	
Liverpool (Bidston)	29.76	60	NNH	5	o	30.01	+.46	56	54	-.3	H	4	o	3	65	56	0.15	
Valencia ...	30.05	58	NNH	3	v	30.18	+.26	59	56	0	L	0	v	3	64	53	0.02	
Roche's Point...	29.98	60	NNH	5	bc	30.15	+.33	57	54	-.4	NNH	4	bc	3	65	54	-	
Pembroke ...	29.86	61	NNH	3	v	30.10	+.39	57	53	-.2	NNH	2	o	3	63	56	0.02	
Portishead ...	29.79	62	H	5	v	30.03	+.39	58	55	-.2	H	4	o	3	66	56	0.01	
Scilly ...	30.00	61	NNH	5	v	30.15	+.33	60	58	-.1	NNH	4	v	4	64	59	0.04	
Plymouth ...	29.89	63	NNH	3	o	30.10	+.37	59	56	-.1	NNH	4	bc	*	67	57	0.06	
Hurst Castle ...	29.81	65	NNH	4	v	30.04	+.38	60	58	-.2	NNH	3	o	4	68	57	0.01	
Dover ...	29.74	63	SSH	4	bc	29.96	+.33	60	57	-.1	H	3	v	2	66	58	0.24	
London ...	29.76	65	NNH	3	o	29.97	+.35	58	55	-.2	H	2	o	*	66	56	0.20	
Oxford ...	29.76	62	H	3	bc	30.01	+.41	57	54	-.1	NNH	3	o	*	64	56	0.02	
Cambridge ...	29.70	62	H	2	v	29.95	+.40	58	56	0	H	1	o	*	67	55	-	
Yarmouth ...	29.65	60	H	3	o	29.86	+.32	58	57	-.2	NNH	3	od	2	66	55	0.08	
The Helder ...	*	*	*	*	*	29.71	+.16	62	60	0	SH	5	o	*	*	*	0.47	
Cape Gris Nez	29.77	64	SSH	6	v	29.99	+.24	61	57	-.2	NNH	3	bc	3	64	59	0.12	
Jersey ...	29.96	61	H	6	bc	30.12	+.20	62	60	+.1	NNH	3	v	3	65	59	0.02	
Brest ...	30.08	72	NNH	2	o	30.22	?	59	57	-.2	NNH	3	o	3	?	54	-	
L'Orient ...	30.04	63	NNH	5	b	30.19	+.26	63	59	+.4	NNH	3	bc	3	68	57	-	
Rochefort ...	30.12	70	NNH	5	bc	30.19	+.19	64	59	0	NNH	4	bc	3	72	59	-	
Biarritz ...	30.16	72	NNH	4	bc	30.24	+.14	63	59	0	SSH	3	v	3	?	57	0.08	
Corunna ...	*	*	*	*	*									*	*	*	*	
Brussels ...	*	*	*	*	*	29.93	+.20	59	57	-.1	SH	4	o	*	67	58	0.43	
Charleville ...	*	*	*	*	*	29.96	+.16	57	*	-.2	SH	3	o	*	*	*	*	
Paris ...	29.91	65	H	3	bc	30.06	+.20	59	57	-.2	SH	3	bc	*	*	*	0.16	
Lyons ...	*	*	*	*	*	30.17	+.18	64	*	-.3	N	2	v	*	*	?	*	
Toulon ...	29.91	77	NNH	6	bc	30.01	+.11	64	55	-.8	NNH	5	b	6	82	?	-	

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

	Bar.	Dry.	Wet.	Wind.	W. S.	Sea.		Bar.	Dry.	Wet.	Wind.	W. S.	Sea.		
Skudesnaes ...	29.61	64	61	SH	1	o	2	Valencia	30.01	63	59	NNH	3	v	4
Thurso	29.74	56	55	N	2	f	3	Scilly	29.92	64	61	NNH	6	v	6
Scarborough ...	29.57	61	60	N	3	o	3	London	29.70	65	62	N	3	bc	*
Greencastle ...	29.77	57	55	NNH	4	o	*	Rochefort ...	30.01	70	64	NNH	6	v	4
Holyhead	29.74	61	59	NNH	6	v	5								

The barometer continues to rise on all our coasts, and the N^W wind has become strong at the mouth of the Tyne. Heavy showers still prevail in London.

EXPLANATION OF COLUMNS

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

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

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

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

DAILY WEATHER REPORT

SEPT. 2ND

1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 350 f. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 350 f. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.72	57	E	2	†	29.71	- 11	58	58	+ 1	NE	2	0	*	63	54	0.20	
Hernösand	29.71	56	W	0	0	29.73	+ 05	58	56	+ 1	NN	4	0	*	*	*	0.16	
Stockholm	29.73	58	Z	0	0	29.75	+ 10	59	58	+ 2	SH	2	0	*	*	*	0.16	
Wisby	29.76	60	SH	4	0	29.75	+ 06	61	60	- 1	NNN	4	0	*	*	*	-	
Christiansund	29.86	55	NNN	3	0	29.94	+ 25	52	51	- 2	NN	2	2	2	59	48	-	
Skudesnaes	29.84	59	NN	0	0	29.97	+ 28	55	54	- 12	NNN	2	1	2	64	52	-	
Oxö (Ålensand)	29.76	63	H	2	2	29.86	+ 10	59	56	- 1	NNN	4	0	2	63	57	-	
Skagen (The Scaw)	29.78	58	W	0	0	29.87	+ 19	61	59	- 1	W	0	0	0	70	54	-	
Fanö	29.84	60	NN	4	0	29.95	+ 28	62	58	- 1	NN	4	0	*	68	59	0.08	
Cuxhaven	29.77	65	SH	2	0	29.99	+ 27	64	61	+ 1	NNN	4	0	*	68	61	0.07	
Sumburgh Head	30.04	50	N	2	0	30.11	+ 22	50	47	- 2	W	0	0	0	55	46	-	
Stornoway	30.07	56	N	2	0	30.08	+ 05	57	53	+ 2	S	6	0	5	57	51	-	
Thurso	30.09	54	N	1	0	30.12	+ 15	54	52	+ 1	SE	1	0	2	57	46	0.01	
Wick	30.05	53	N	2	0	30.11	+ 13	55	52	+ 1	SE	1	0	1	57	43	-	
Nairn	30.09	58	E	1	0	30.13	+ 14	55	54	- 1	W	0	0	1	61	50	0.01	
Aberdeen	30.06	56	N	3	0	30.15	+ 22	54	53	- 2	SSE	1	0	1	60	52	0.01	
Leith	30.07	57	H	1	0	30.15	+ 23	59	55	+ 4	H	1	0	*	70	51	-	
Shields	30.07	57	NNE	2	0	30.19	+ 25	55	53	- 3	H	2	0	3	62	54	-	
Scarborough	30.08	58	NNN	2	0	30.21	+ 30	56	55	- 1	S	1	0	2	59	55	-	
York	30.07	62	H	2	0	30.22	+ 29	56	53	- 1	NNN	1	0	*	66	53	-	
Nottingham	30.15	59	NN	2	0	30.22	+ 26	57	55	- 1	NNN	1	0	*	65	48	-	
Ardrossan	30.07	59	NN	3	0	30.15	+ 19	57	53	+ 1	S	2	0	2	61	54	-	
Greencastle	30.13	58	H	1	0	30.10	+ 07	55	53	0	S	2	0	*	60	50	-	
Donsghades	30.16	58	NNN	2	0	30.17	+ 14	57	55	+ 1	SSE	3	0	2	62	55	-	
Kingstown	30.19	60	NNN	2	0	30.20	+ 11	58	54	+ 2	SSE	3	0	2	60	54	-	
Holyhead	30.16	59	NN	2	0	30.20	+ 15	60	57	+ 3	SSE	2	0	1	61	56	-	
Liverpool (Bidston)	30.14	57	H	3	0	30.23	+ 22	58	57	+ 2	SH	1	0	1	59	56	-	
Valencia	30.21	61	SH	3	0	30.13	- 05	60	59	+ 1	SSE	6	0	6	65	57	0.14	
Roche's Point	30.25	62	SH	3	0	30.21	+ 06	62	59	+ 5	SH	3	0	3	65	53	-	
Pembroke	30.20	59	NN	1	0	30.24	+ 14	60	58	+ 3	NNN	2	0	2	60	56	-	
Portishead	30.14	59	NN	3	0	30.26	+ 23	58	55	0	NNN	3	0	2	67	55	-	
Scilly	30.28	62	NNN	3	0	30.29	+ 14	64	60	+ 4	SH	3	0	2	64	57	-	
Plymouth	30.22	61	NN	3	0	30.28	+ 18	57	55	- 2	NE	1	0	*	68	57	-	
Hurst Castle	30.14	63	NN	3	0	30.28	+ 24	58	55	- 2	N	1	0	2	64	48	-	
Dover	30.12	61	NNN	3	0	30.26	+ 30	58	54	- 2	NN	3	0	1	65	55	-	
London	30.12	61	NNN	1	0	30.26	+ 29	58	54	0	NNN	1	0	*	62	55	-	
Oxford	30.13	60	H	1	0	30.27	+ 26	57	53	0	W	0	0	*	61	55	-	
Cambridge	30.11	61	H	1	0	30.25	+ 30	58	55	0	NN	1	0	*	62	49	-	
Yarmouth	30.04	59	NN	3	0	30.22	+ 36	59	58	+ 1	NNN	2	0	3	61	53	0.08	
The Helder	*	*	*	*	*	30.12	+ 41	62	59	0	NN	3	0	*	*	*	0.12	
Cape Gris Nez	30.13	61	NNN	4	0	30.26	+ 27	59	57	- 2	NNN	2	0	1	64	57	-	
Jersey	30.24	60	NN	3	0	30.35	+ 23	59	55	- 3	SH	1	0	1	65	56	-	
Brest	30.34	?	NNN	2	0	30.36	+ 14	59	57	0	SE	2	0	3	64	54	-	
L'Orient	30.25	64	NN	3	0	30.35	+ 16	57	55	- 6	NE	1	0	2	74	52	-	
Rochefort	30.26	58	NN	3	0	30.29	+ 10	?	64	?	E	3	0	3	70	59	-	
Biarritz	30.26	70	NNN	3	0	30.30	+ 06	63	59	0	ENE	2	0	3	70	57	-	
Corunna	*	*	*	*	*			*	*					*	*	*	*	
Brussels	*	*	*	*	*	30.21	+ 28	60	58	+ 1	NNN	2	0	*	65	58	0.35	
Charleville	*	*	*	*	*	30.17	+ 21	59	*	+ 2	H	1	0	*	*	*	*	
Paris	30.15	63	NN	4	0	30.27	+ 21	61	57	+ 2	NN	2	0	*	*	*	0.04	
Lyons	*	*	*	*	*	30.24	+ 07	70	*	+ 6	NNN	?	0	*	*	*	*	
Toulon	30.01	74	NN	7	0	29.99	- 02	61	54	- 3	NN	7	0	7	75	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Waa.	Sea.		Bar.	Dry.	Wet.	Wind.	Waa.	Sea.
Skudesnaes	29.79	60	57	NW	6	0	Valencia						
Thurso							Scilly						
Scarborough							London						
Greencastle							Rochefort	30.24	70	64	NN	4	0
Holyhead													

EXPLANATION OF COLUMNS.

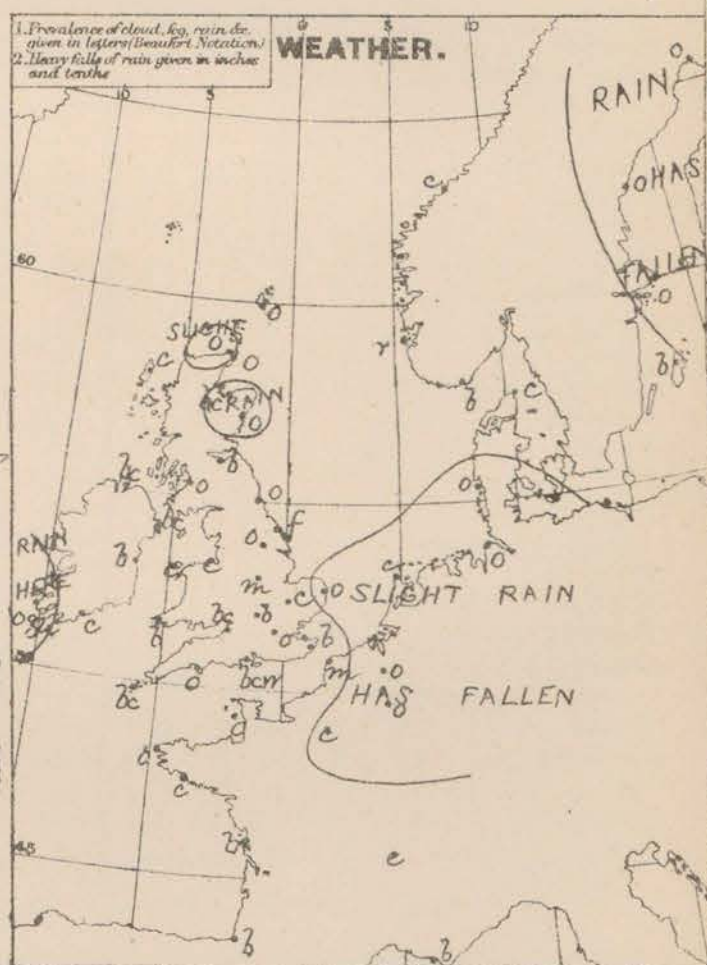
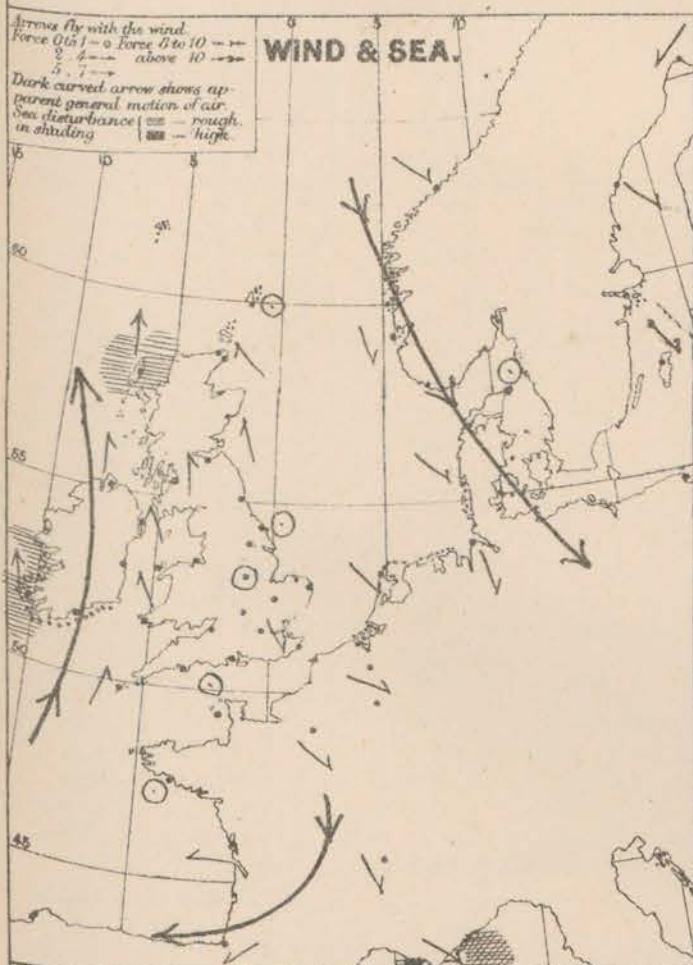
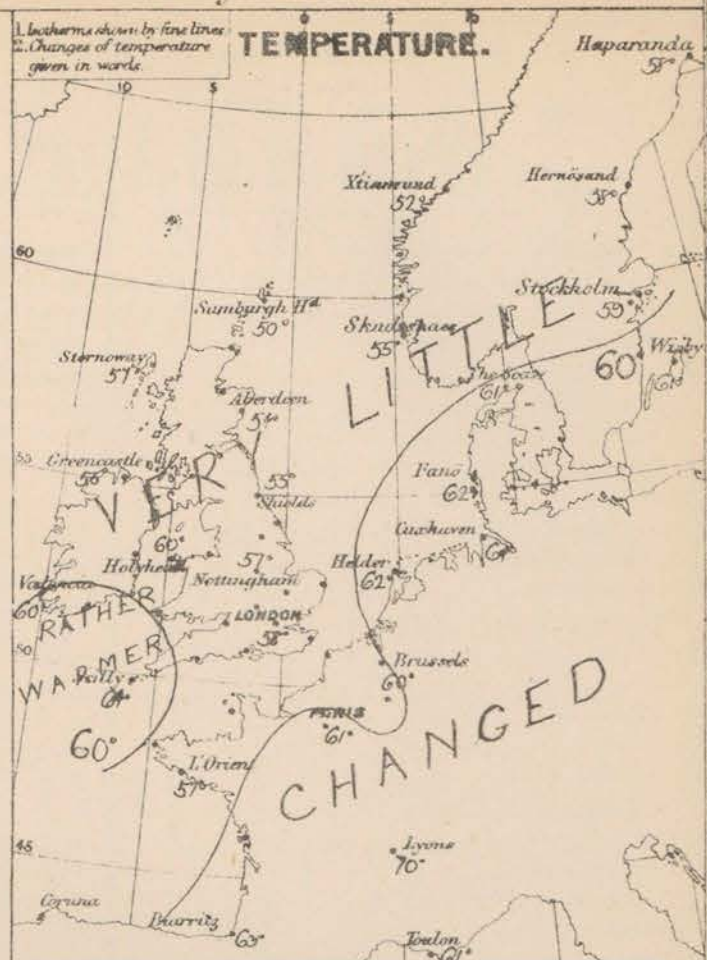
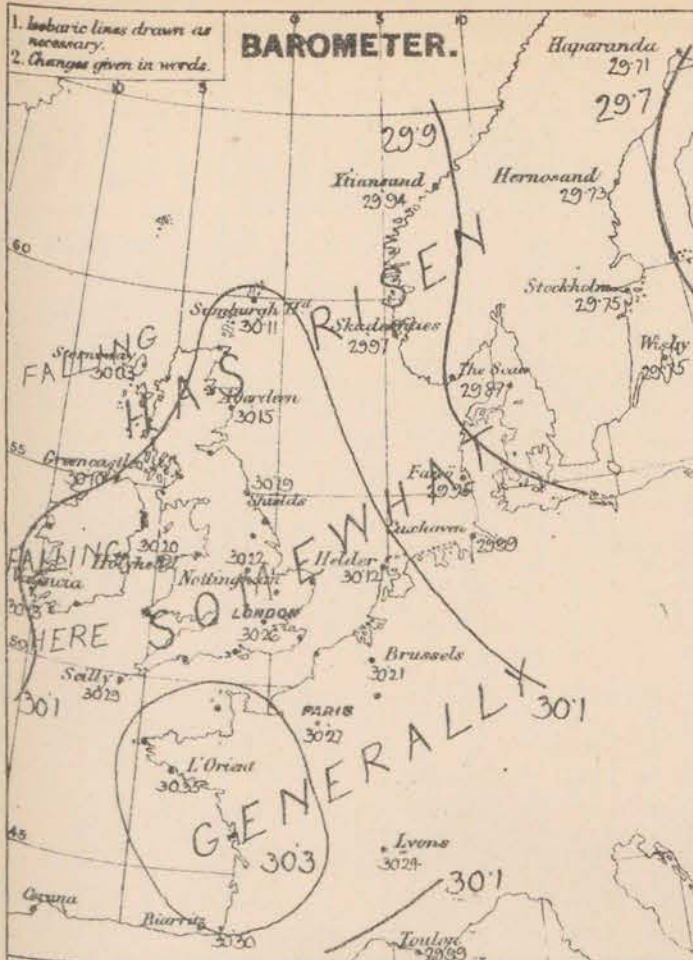
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS. for 8 a.m. on Monday 2ND SEPT^R 1878.



REMARKS. Weather, though fair at present over our Islands, is not at all settled. In most places the sky is still very cloudy, but in a few localities the clouds have cleared away entirely. At Valentia, however, the sky is again densely overcast, and a gloomy, threatening appearance is reported. Night rain fell at some of our northern and eastern stations yesterday, and rather more than a tenth of an inch at Valentia during the night. Temperature is rising somewhat in the west but is still low in the south east. The maximum heat recorded in London yesterday was only 62°. Wind is still light to moderate from the NW. over the North Sea and south-east of England, but has backed to the S. in the west and north west and is freshening, while an E. breeze has appeared over the Bay of Biscay. At Valentia a strong SE wind is reported this morning. Sea is rough in the extreme west and north west, slight or smooth elsewhere.

Barometrical Indications. The depressions noticed over our Islands at the close of last week have travelled very slowly toward Russia, and the barometer has risen decidedly over Western Europe. At our extreme western and north western stations, however, it has again begun to fall, and fresh disturbances appear to be approaching us from the Atlantic.

Fogging. The South Sea has been hoisted in the south of Ireland this morning.

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

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

R. H. SCOTT,
Secretary.

DAILY WEATHER REPORT

SEPT 3RD

1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.					
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.			
Haparanda ...	29.74	54	NE	2	0	29.75	+ .04	57	57	-	1	N	2	0	*	64	48	0.59	
Hernösand ...	29.78	59	NNN	4	0	29.93	+ .20	54	49	-	4	NN	2	0	*	*	*	-	
Stockholm ...	29.87	60	NSN	2	0	29.98	+ .23	56	53	-	3	N	0	0	*	*	*	0.39	
Wisby ...	29.83	61	NN	0	0	29.95	+ .20	62	60	+	1	NNN	0	0	*	*	*	-	
Christiansund ...	29.97	52	NNN	1	0	29.95	+ .01	52	49	-	0	SE	1	0	1	54	46	-	
Skudesnaes ...	30.03	56	NN	2	0	30.00	+ .03	57	52	+	2	SSE	2	0	3	55	55	0.32	
Oxö (Xiansand) ...	29.94	63	N	2	0	30.00	+ .14	55	51	-	4	NNN	4	0	2	68	54	-	
Skagen (The Seaw) ...	29.97	59	N	0	0	30.03	+ .16	58	54	-	3	N	5	0	4	72	52	-	
Fanö ...	30.12	59	NN	4	0	30.13	+ .18	61	57	-	1	N	4	0	*	63	55	-	
Cuxhaven ...	30.16	62	NNN	3	0	30.22	+ .23	61	60	-	3	NNN	2	0	*	?	57	0.01	
Sunburch Head ...	30.00	58	SSE	3	0	29.78	- .33	54	55	+	6	NN	4	0	3	56	49	0.06	
Stornoway ...	29.79	58	SSN	7	+	29.73	- .30	61	58	+	4	NN	7	0	6	?	53	0.20	
Thurso ...	29.94	58	SSE	2	+	29.80	- .32	61	58	+	7	SSN	2	0	2	63	53	0.34	
Wick ...	29.88	57	S	2	+	?	?	60	58	+	5	S	2	0	1	63	53	0.24	
Nairn ...	29.94	55	Z	0	0	29.83	- .30	63	59	+	8	NN	4	0	2	65	55	0.07	
Aberdeen ...	30.01	58	S	3	0	29.90	- .25	61	59	+	7	NN	2	0	1	61	54	0.07	
Leith ...	30.06	62	NN	1	0	29.97	- .18	63	60	+	4	N	1	0	*	67	57	0.10	
Shields ...	30.14	63	N	3	0	30.07	- .12	62	58	+	7	NN	5	0	2	65	54	-	
Scarborough ...	30.18	59	SSN	1	0	30.12	- .09	61	58	+	5	NN	2	0	2	63	59	-	
York ...	30.19	61	SSN	1	0	30.14	- .05	62	57	+	6	NN	3	0	*	65	54	-	
Notttingham ...	30.22	61	SSN	1	0	30.21	- .01	62	59	+	5	SSN	4	0	*	70	53	-	
Ardrossan ...	30.08	60	S	3	+	30.01	- .14	60	58	+	3	SSN	3	0	4	66	57	0.25	
Greenecastle ...	29.96	61	SSN	3	0	29.97	- .13	60	59	+	5	NN	2	0	*	65	54	0.10	
Donaghadee ...	30.07	61	N	4	0	30.06	- .11	60	60	+	3	NNN	4	+	3	65	56	0.03	
Kingstown ...	30.13	66	NNN	3	0	30.11	- .09	63	60	+	5	NN	1	0	1	67	56	-	
Holyhead ...	30.16	62	SSN	5	0	30.14	- .06	61	59	+	1	NN	5	0	3	66	56	-	
Liverpool (Hidston) ...	30.18	63	NN	1	0	30.15	- .08	64	58	+	6	NN	3	0	1	68	58	-	
Valencia ...	30.08	62	S	7	0	30.10	- .03	61	61	+	1	SSN	7	0	6	65	60	0.18	
Roche's Point... ..	30.19	63	NN	4	0	30.18	- .03	62	60	+	0	NN	3	0	3	68	60	-	
Pembroke ...	30.23	62	SSN	3	0	30.21	- .03	61	58	+	1	NNN	3	0	3	65	60	-	
Portishead ...	30.25	62	NNN	2	0	30.24	- .02	59	56	+	1	NN	4	0	4	69	53	-	
Scilly ...	30.28	63	NN	4	0	30.25	- .04	65	62	+	1	NN	2	0	4	68	58	-	
Plymouth ...	30.29	62	SSN	3	0	30.27	- .01	59	57	+	2	E	2	0	*	67	54	-	
Hurst Castle ...	30.29	63	N	3	0	30.28	- .01	64	60	+	6	NN	3	0	3	68	56	-	
Dover ...	30.29	62	NNN	2	0	30.29	+ .03	60	56	+	2	NN	1	0	1	67	55	-	
London ...	30.28	64	NN	1	0	30.28	+ .02	60	57	+	2	NN	1	0	*	69	50	-	
Oxford ...	30.26	61	NN	1	0	30.26	- .01	59	56	+	2	NN	1	0	*	65	53	-	
Cambridge ...	30.27	61	N	1	0	30.25	- .02	58	57	+	0	NN	1	0	*	68	49	-	
Yarmouth ...	30.25	61	Z	0	0	30.25	+ .03	59	57	+	0	NNN	2	0	2	62	51	-	
The Helder ...	*	*	*	*	*	30.23	+ .11	62	57	+	0	NNN	2	0	*	*	*	-	
Cape Gris Nez ...	30.28	63	NNN	3	0	30.31	+ .05	59	57	+	0	SSN	2	0	1	68	57	-	
Jersey ...	30.35	61	N	0	0	30.32	- .03	61	58	+	2	S	2	0	2	65	54	-	
Brest ...	30.38	68	SE	1	0	30.32	- .04	57	55	-	2	ESE	2	0	3	68	52	-	
L'Orient ...	30.33	63	NN	1	0	30.28	- .07	57	55	+	0	ENE	3	0	2	72	52	-	
Rochefort ...	30.29	72	NNE	2	0	30.25	- .04	59	57	+	?	E	4	0	3	?	54	-	
Biarritz ...	30.20	70	N	4	0	30.13	- .17	59	55	-	4	ENE	4	0	3	73	54	-	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	30.32	+ .11	59	57	-	1	NNN	3	0	*	67	54	-	
Charleville ...	*	*	*	*	*	30.28	+ .11	58	57	-	1	NN	1	0	*	*	*	-	
Paris ...	30.29	67	NN	1	0	30.32	+ .05	58	55	-	3	NNE	1	0	*	*	*	-	
Lyons ...	*	*	*	*	*	30.24	- .04	64	57	-	6	NE	4	0	*	*	*	-	
Toulon ...	29.93	75	NN	6	0	30.01	+ .02	75	63	+	14	N	0	0	3	77	59	-	

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

	Bar.	Dry.	Wet.	Wind.	Woe.	Sea.		Bar.	Dry.	Wet.	Wind.	Woe.	Sea.		
Skudesnaes ...	30.04	58	57	NN	6	c	3	Valencia	30.12	64	61	S	7	omg	6
Thurso	30.03	61	56	SE	2	c	2	Scilly	30.30	67	62	SSW	4	c	2
Scarborough ...	30.20	62	56	SW	2	c	2	London	30.30	65	58	NNN	2	bc	*
Greenecastle ...	30.04	61	59	S	3	rw	*	Rochefort ...	30.32	70	63	N	2	b	3
Holyhead	30.21	64	61	SEW	4	c	3								

The depression in the west, which produced the fall of the barometer at Valencia this morning is travelling NE^W. A moderate S^E gale is blowing at Valencia and Stornoway, and moderate SSN^W breeze at Scilly and the Helder station.

EXPLANATION OF COLUMNS

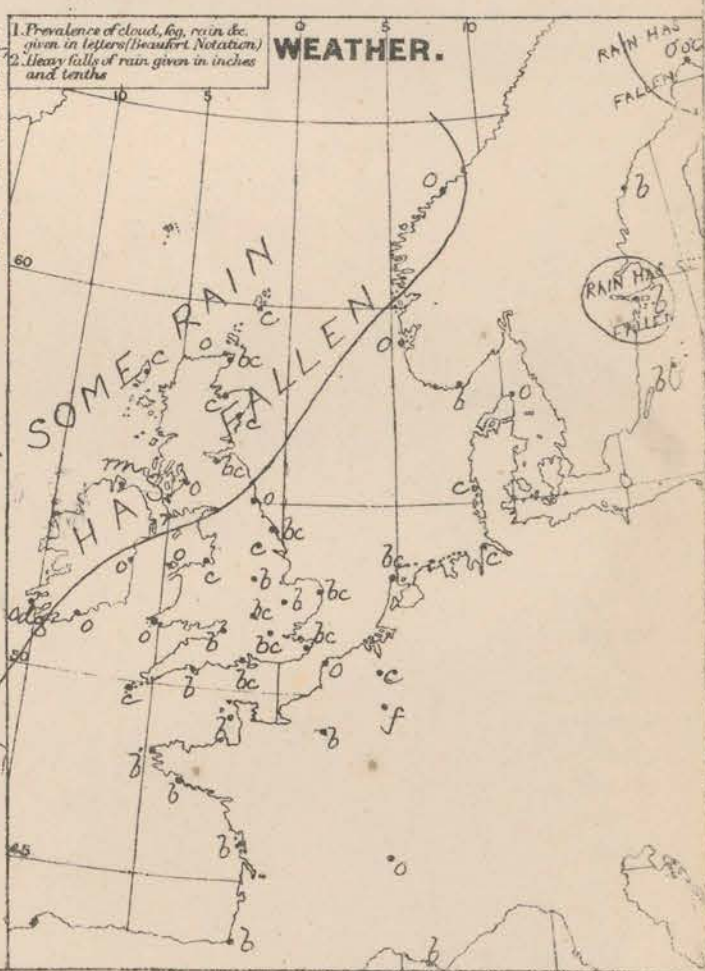
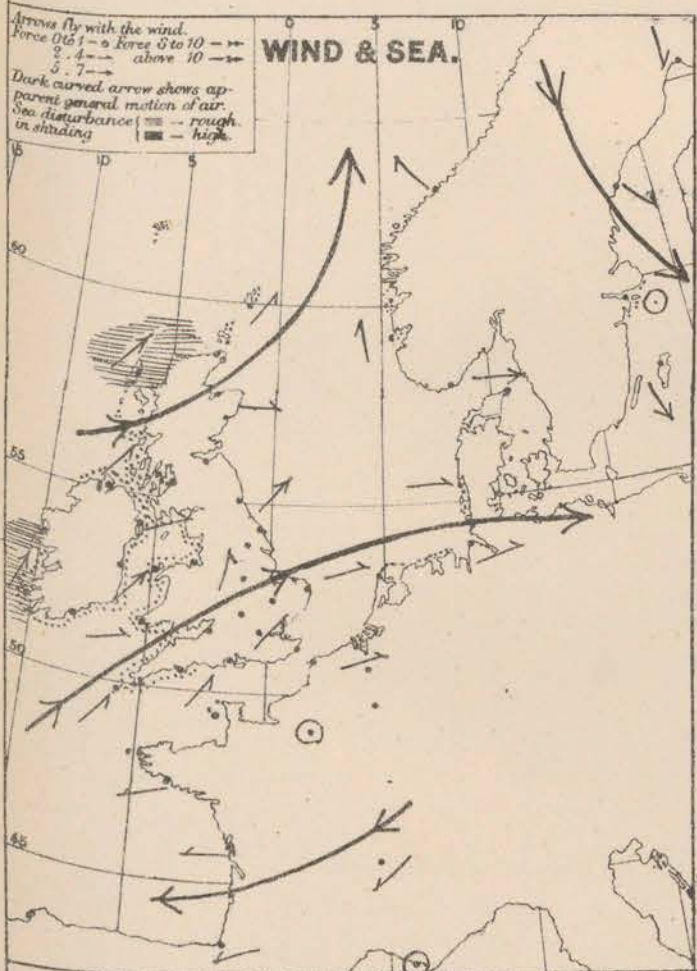
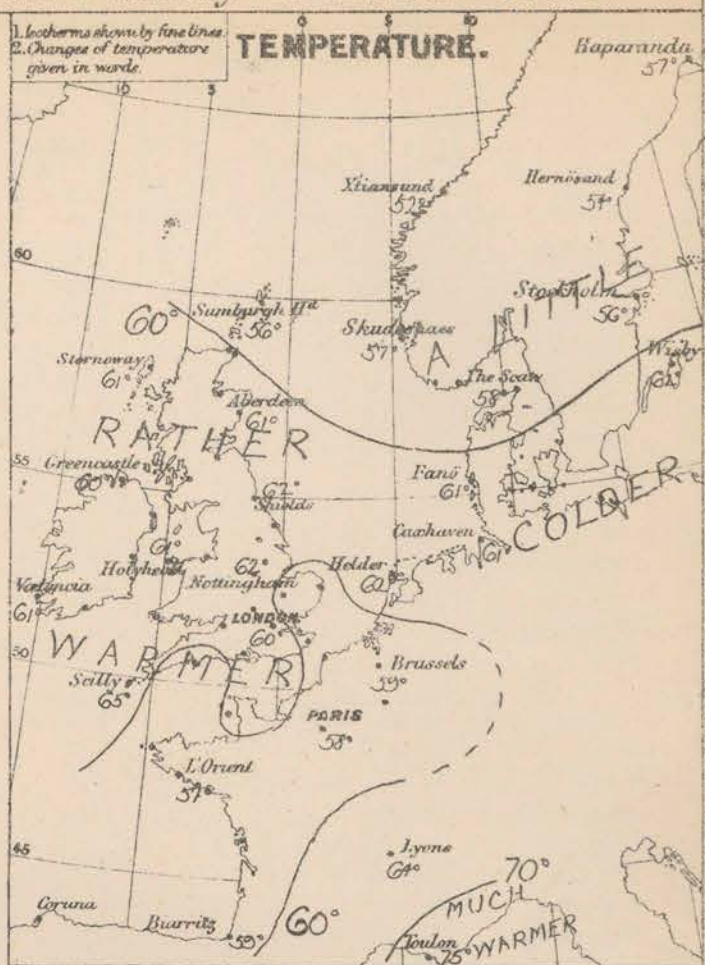
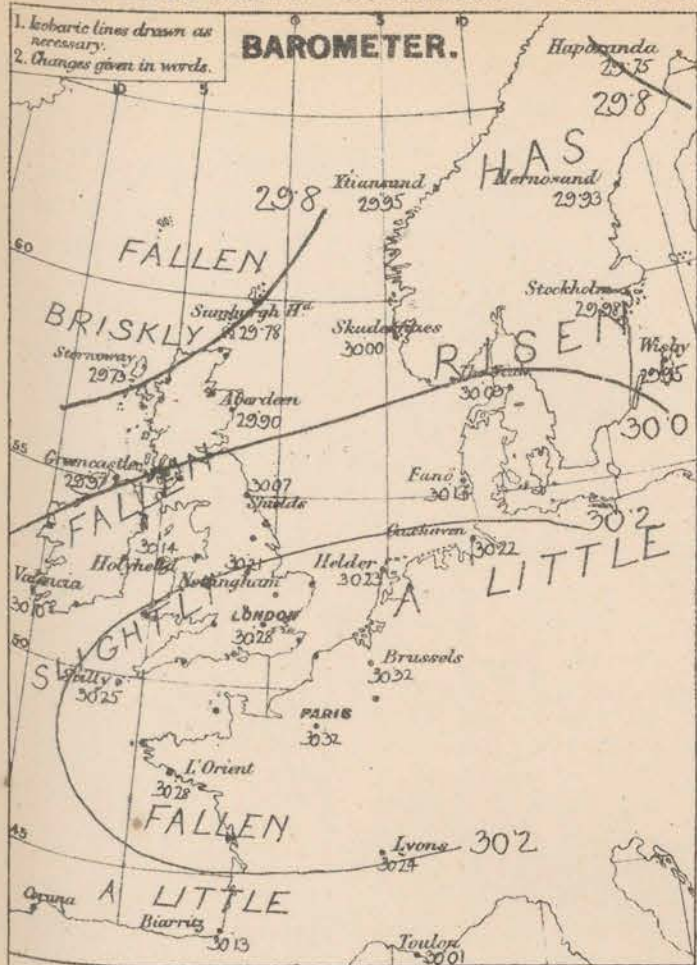
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Tuesday 3RD SEPT^R 1878.



Note A dotted line is drawn round those costs which were incurred yesterday, and on which the signals remain located this morning.

REMARKS. Weather is now very fine over France and the east and south of our Islands, but is dull and rainy in the west and north west. Rain has fallen at all our north western and northern stations, but in the east, south and south west the weather has been dry. Temperature has risen generally, and is very uniform between 59° and 63° over nearly the whole of the United Kingdom. The maximum readings yesterday were below 70° at all our stations excepting Nottingham. Wind has become SW very generally in our Islands and W over the North Sea. In most places it is light to moderate, but at Valentia and Stromway a moderate gale is again reported. A fresh SW gale was felt at Stromway last night. Sea is still rough in the extreme west and north west.

Barometrical Indications. The barometer has fallen about three tenths of an inch in the far north of our Islands since yesterday, while it has risen in Denmark, Germany and the east of France. An area of high pressure (just exceeding 30.3 ins) lies over Belgium and the north of France, and depressions are passing from SW to NE outside our west and north west coasts. One of these is just moving away to the NW of Scotland, but others seems to be approaching Ireland.

Warnings. The South Cone was hoisted on all our western coasts during yesterday.

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

R. H. SCOTT,
Secretary.

DAILY WEATHER REPORT

SEPT 4TH

1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 350 ft. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 5.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 12).		Reading at 350 ft. 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 ...	29.80	53	L	0	o	29.85	+ .10	51	49	-	6	L	0	bc	*	63	41	-
Hernösand ...	29.88	50	L	0	o	29.90	- .03	49	47	-	5	L	0	o	*	*	*	-
Stockholm ...	29.94	59	SSH	2	o	29.96	- .02	60	58	+	4	SSH	2	o	*	*	*	-
Wisby ...	29.97	63	SSH	4	o	29.99	+ .04	60	58	-	2	H	6	o	*	*	*	-
Christiansund ...	29.97	52	S	1	o	29.87	- .08	58	55	+	6	SSH	6	o	o	?	50	0.16
Skudesnaes ...	29.94	60	N	4	o	30.07	+ .07	60	59	+	3	SSH	2	o	3	61	57	-
Oxö (Xtiansand) ...	29.99	61	SSH	4	o	30.07	+ .07	61	59	+	6	SSH	4	o	2	61	?	-
Skagen (The Seaw) ...	30.02	61	H	4	o	30.06	+ .03	62	59	+	4	H	6	o	5	64	52	0.04
Fanö ...	30.13	62	SSH	4	o	30.18	+ .05	66	63	+	5	SSH	4	bc	*	64	49	-
Cuxhaven ...	30.18	66	H	2	o	30.25	+ .03	63	62	+	2	SSH	1	o	*	66	55	-
Sumburgh Head ...	29.87	57	SSH	6	o	29.91	+ .13	57	55	+	1	SSH	5	o	5	64	55	0.01
Stornoway ...	29.85	59	SSH	6	o	29.97	+ .24	60	57	-	1	SSH	5	o	4	62	54	0.02
Thurso ...	29.91	60	SSH	3	c	30.04	+ .24	59	55	-	2	SSH	1	c	2	67	58	0.01
Wick ...	29.91	60	H	2	bc	30.05	?	59	56	-	1	SSH	1	o	0	67	54	-
Nairn ...	29.94	61	H	3	c	30.09	+ .26	60	56	-	3	SSH	2	bc	1	70	55	-
Aberdeen ...	29.96	66	SSH	2	o	30.11	+ .21	57	56	-	4	SSH	1	o	1	72	49	-
Leith ...	30.04	63	H	1	c	30.11	+ .14	58	58	-	5	SSH	1	c	*	70	54	0.01
Shields ...	30.10	67	H	3	c	30.16	+ .09	61	59	-	1	SSH	1	of	2	70	58	0.02
Scarborough ...	30.14	64	H	1	o	30.17	+ .05	61	59	o	SSH	1	o	1	66	59	-	
York ...	30.16	64	H	1	o	30.17	+ .03	59	58	-	3	H	1	o	*	65	55	-
Nottingham ...	30.20	65	SSH	1	o	30.19	- .02	64	62	+	2	SSH	1	a	*	72	52	-
Ardrossan ...	30.04	62	SSH	1	c	30.11	+ .10	60	59	o	SSH	1	o	1	63	57	0.05	
Greenecastle ...	30.04	68	SSH	2	c	30.09	+ .12	58	57	-	2	ESE	1	o	*	70	56	0.02
Donaghadee ...	30.08	63	SSH	3	o	30.13	+ .07	61	61	+	1	SE	2	+	1	69	59	0.01
Kingsdown ...	30.13	66	S	1	c	30.13	+ .02	61	59	-	2	L	0	ow	0	68	60	-
Holyhead ...	30.16	62	SSH	4	o	30.14	.00	61	60	o	SSH	1	c	0	65	59	-	
Liverpool (Bidston) ...	30.15	62	SSH	1	c	30.15	.00	57	57	-	7	SE	1	o	1	67	55	-
Valencia ...	30.12	60	S	3	o	30.06	- .04	62	59	+	1	ESE	3	c	3	63	58	0.03
Roche's Point... ..	30.16	63	SSH	3	o	30.10	- .08	63	61	+	1	SE	2	ow	3	67	58	-
Pembroke ...	30.18	64	SSH	1	c	30.15	- .06	58	58	-	3	E	1	of	3	67	55	-
Portishead ...	30.19	64	SSH	3	bc	30.16	- .08	58	56	-	1	N	3	ow	3	69	52	-
Scilly ...	30.16	62	E	4	o	30.08	- .17	62	61	-	3	E	5	ow	5	66	58	-
Plymouth ...	30.20	62	S	3	o	30.11	- .16	62	60	+	3	ESE	4	o	*	67	55	-
Hurst Castle ...	30.21	64	SSE	2	o	30.15	- .13	62	61	-	2	E	3	bcw	2	69	53	-
Dover ...	30.23	62	H	1	o	30.19	- .10	64	?	+	4	N	1	bc	0	67	55	-
London ...	30.22	67	SSH	2	bc	30.19	- .09	58	57	-	2	L	0	bc	*	73	50	-
Oxford ...	30.18	64	L	0	c	30.17	- .09	58	56	-	1	SSH	1	ow	*	72	52	-
Cambridge ...	30.20	58	SSH	1	c	30.20	- .05	59	58	+	1	L	0	o	*	74	53	-
Yarmouth ...	30.19	67	SSH	3	o	30.20	- .05	63	61	+	4	SSH	1	o	1	71	56	-
The Helder. ...	*	*	*	*	*	30.22	- .01	58	57	+	4	SSH	1	o	*	*	*	-
Cape Gris Nez ...	30.26	64	H	1	o	30.21	- .10	64	61	+	5	SE	1	ow	0	68	57	-
Jersey ...	30.21	63	N	1	o	30.12	- .20	64	61	+	3	E	3	bc	3	69	51	-
Brest ...	30.19	?	ENE	2	o	30.10	- .22	61	59	+	4	E	3	o	3	64	54	-
L'Orient ...	30.13	66	ESE	3	o	30.04	- .24	61	57	+	4	ENE	3	o	2	75	55	-
Rochefort ...	30.05	72	E	3	bc	30.00	- .28	59	57	o	ESE	4	c	3	82	54	-	
Biarritz ...	29.93	73	ENE	4	bc	29.91	- .22	68	63	+	9	SE	3	o	3	79	57	-
Corunna ...	*	*	*	*	*			*	*					*	*	*	*	
Brussels ...	*	*	*	*	*			*	*					*	*	*	*	
Charleville ...	*	*	*	*	*	30.16	- .12	59	*	+	1	ENE	1	o	*	*	*	*
Paris ...	30.22	68	ESE	2	o	30.15	- .17	59	54	+	1	E	2	bc	*	*	*	-
Lyons ...	*	*	*	*	*	30.12	- .12	64	*	o	NNE	2	o	*	*	*	*	*
Toulon ...	30.03	73	H	3	o	30.09	+ .08	73	59	-	2	E	3	o	3	82	73	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.93	60	60	SW	4	o	3	Valencia ...	30.11	62	61	SW	5	od	5
Thurso	29.86	65	59	NW	4	c	3	Scilly	30.22	64	61	SSE	4	e	5
Scarborough ...	30.13	66	62	SW	2	c	2	London	30.25	69	61	SW	2	bc	*
Greenecastle ...	30.01	66	62	SW	2	c	*	Rochefort ...	30.12	81	68	E	5	b	3
Holyhead	30.15	64	61	SW	5	o	3								

The barometer has fallen a little at our Sw stations, but is rising in the N. The wind has backed to SSE. at Scilly, but is helling from SSH. at Valencia.

EXPLANATION OF COLUMNS.

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

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

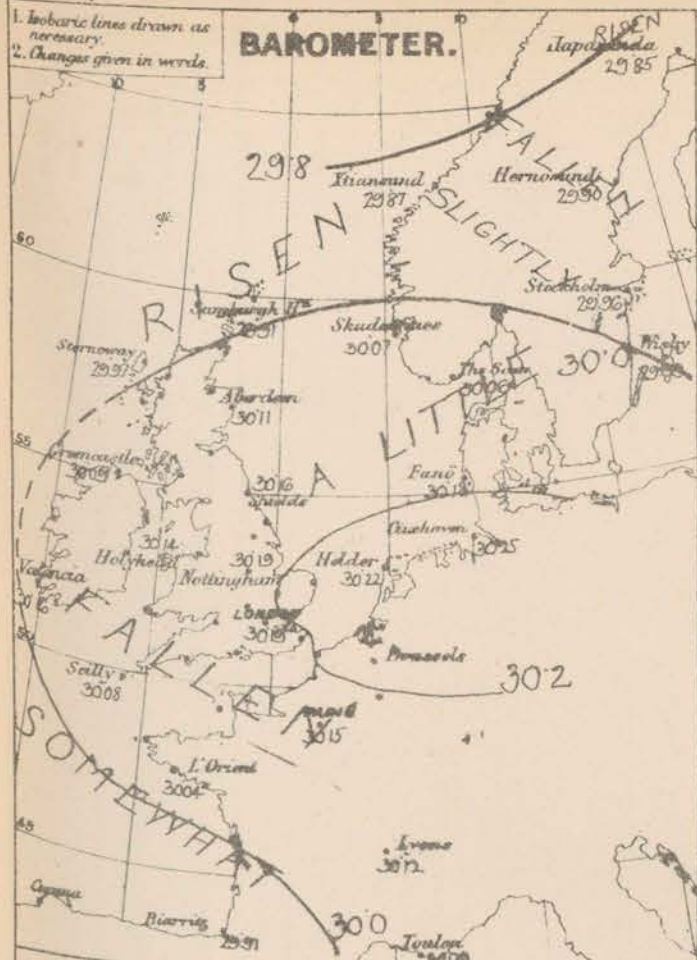
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Wednesday 4TH SEPT^R 1878.

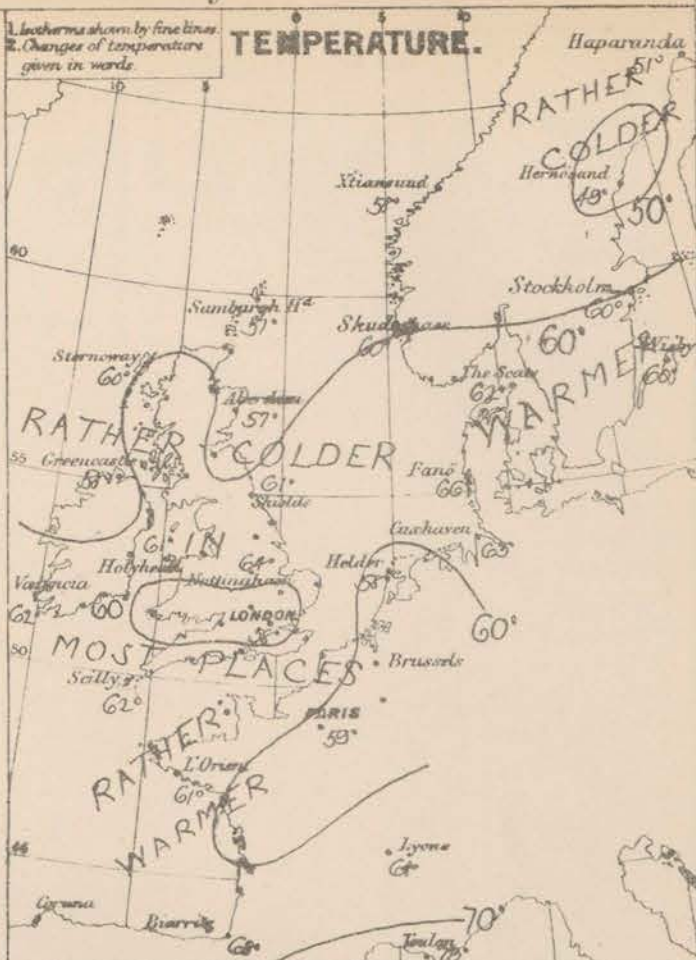
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



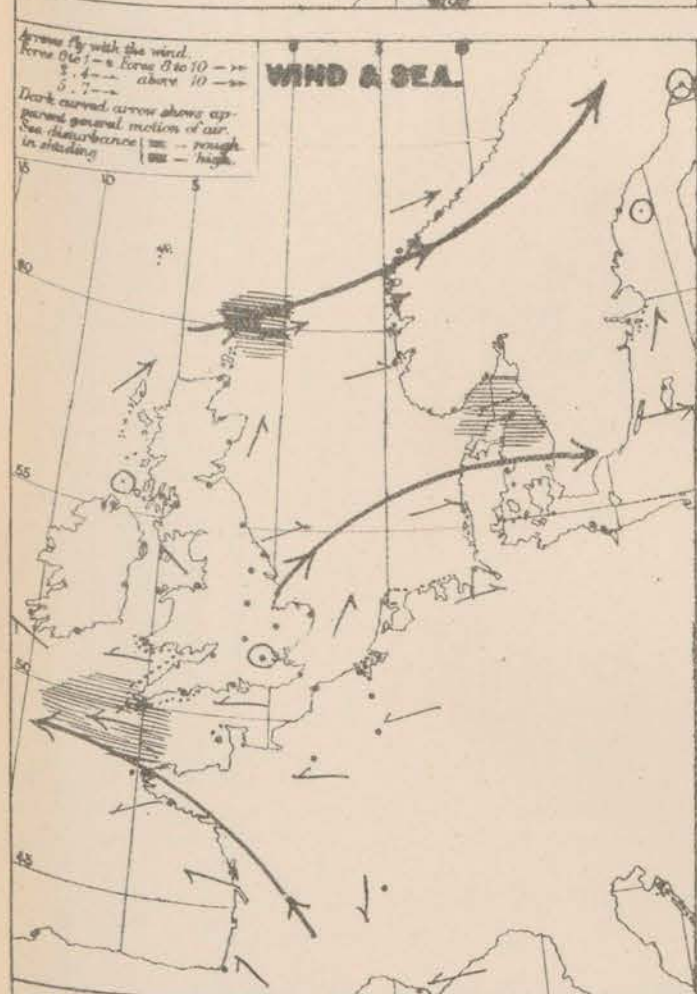
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



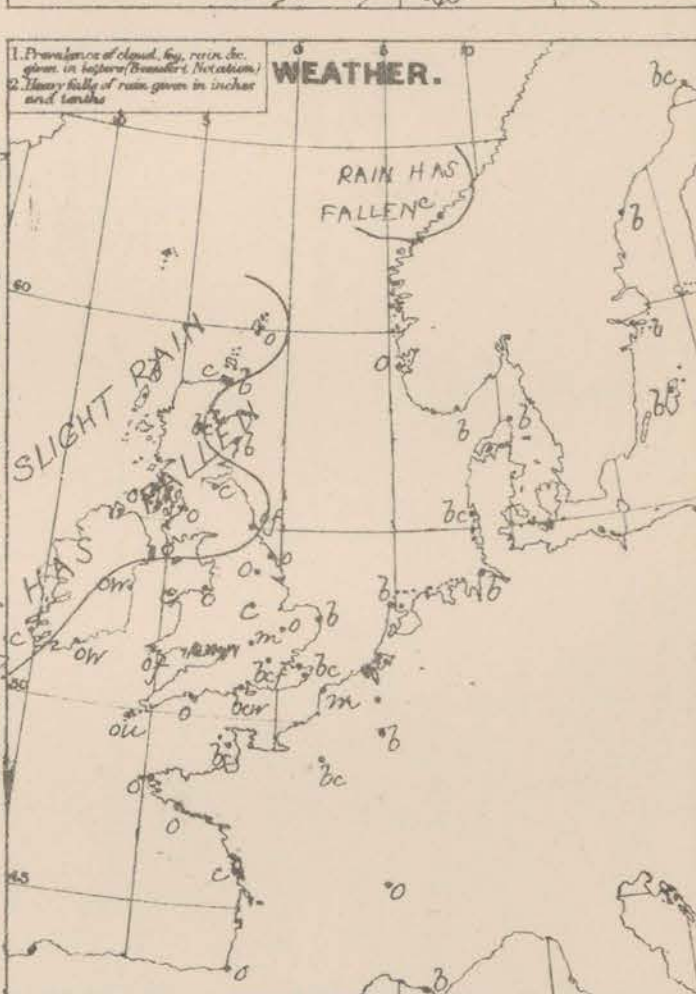
1. Arrows fly with the wind.
 2. Force 0-1 = a force 2 to 10 = 3-4 = above 10 = 5-7 =
- Dark curved arrow shows apparent general motion of air. Sea disturbance = rough in shading = high.

WIND & SEA.



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

WEATHER.



REMARKS. Weather this morning is fine in most places, but is overcast and damp in the west, and foggy at some of our eastern stations. A threatening appearance is reported at Lillie. Slight showers fell over some parts of our western and north western districts yesterday, but elsewhere the weather was dry. Temperature is a few degrees lower in the United Kingdom than it was at Paris yesterday, but has risen in Denmark and Norway. The maximum readings exceeded 70° over the inland parts of England and at Aberdeen, and reached 70° over as far north as Naime. Wind is moderate from E and SE at the southern stations, fresh from WSW in the far north of our islands and at the Scandinavian stations. Over England and the north of Ireland it is light and very variable. Sea is rather rough both at Lillie and off our extreme northern coasts.

Barometrical Indications. In the course of the past 24 hours the barometer has risen at all our northern stations but has fallen over the Bay of Biscay, France and the south of our islands. Gradients for SE and E wind now prevail in the south west and are growing steeper.

Warnings. The South Cone is still flying on our south west coasts.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEPT 5TH 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			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	29.91	52	Z	0	bc	29.91	+ .06	55	54	+ 4	W	2	c	*	61	48	-	
Hernösand	30.03	59	SW	2	bc	30.13	+ .23	59	55	+ 10	Z	0	c	*	*	*	-	
Stockholm	30.06	60	SW	2	b	30.19	+ .23	60	58	0	Z	0	f	*	*	*	-	
Wisby	29.99	61	W	4	bc	30.11	+ .12	61	59	+ 1	W	6	f	*	*	*	-	
Christiansund	30.04	57	WSW	6	o	30.13	+ .26	58	54	0	WSW	1	o	4	59	52	-	
Skudesnaes	30.19	57	Z	0	b	30.21	+ .14	58	57	- 2	Z	0	o	2	64	57	-	
Oxö (Tiansand)	30.16	62	WSW	4	b	30.21	+ .14	56	54	- 5	WSW	2	o	2	64	54	-	
Skagen (The Sea)	30.16	60	WSW	4	b	30.21	+ .15	61	59	- 1	W	3	bc	1	68	54	-	
Fanö	30.23	60	WSW	1	bc	30.23	+ .05	61	60	- 5	SE	2	c	*	68	57	-	
Cuxhaven	30.30	66	N	1	c	30.22	- .02	63	62	0	SE	2	c	*	66	59	-	
Sundburgh Head	30.10	55	SW	1	f	30.08	+ .17	60	59	+ 3	SSE	3	c	3	65	57	-	
Stornoway	30.02	61	SSW	?	b	29.97	.00	59	59	- 1	S	2	b	3	63	50	-	
Thurso	30.19	60	Z	0	b	30.04	.00	56	55	- 3	Z	0	f	2	71	49	-	
Wick	30.09	61	S	2	b	30.03	- .02	58	57	- 1	S	2	f	0	68	47	-	
Nairn	30.08	66	Z	0	b	30.04	- .05	57	56	- 3	SW	1	bc	1	70	53	-	
Aberdeen	30.10	66	SSW	1	c	30.08	- .03	60	59	+ 3	S	1	o	1	68	57	-	
Leith	30.11	62	W	1	c	30.04	- .07	57	57	- 1	Z	0	f	*	63	52	0.02	
Shields	30.14	60	Z	0	o	30.08	- .08	59	58	- 2	SSE	1	f	2	65	58	-	
Scarborough	30.15	59	SE	1	c	30.06	- .11	59	58	- 2	E	1	f	1	62	58	-	
York	30.13	66	SE	1	o	30.06	- .11	61	60	+ 2	NE	1	o	*	71	56	-	
Nottingham	30.11	67	S	2	o	30.05	- .14	60	60	- 4	Z	0	o	*	77	58	-	
Ardrossan	30.10	62	Z	0	o	30.02	- .09	58	57	- 2	NNE	1	f	1	65	57	0.02	
Greenecastle	30.05	65	ESE	1	o	29.99	- .10	56	56	- 2	E	1	f	*	67	57	-	
Donaghadee	30.10	61	S	3	o	30.09	- .04	58	58	- 3	ESE	1	f	0	63	53	0.01	
Kingstown	30.09	64	SE	3	bc	30.03	- .10	59	58	- 2	Z	0	f	1	65	57	-	
Holyhead	30.08	63	Z	0	o	30.01	- .13	61	60	0	Z	0	bcw	0	65	57	-	
Liverpool (Madison)	30.08	66	SW	1	m	30.02	- .13	60	59	+ 3	ESE	1	m	1	68	59	-	
Valencia	30.02	65	Z	0	bc	29.99	- .07	59	58	- 3	Z	0	bcw	0	69	57	-	
Roche's Point	30.05	64	SE	3	c	30.01	- .09	60	58	- 3	NE	2	bcw	2	69	55	-	
Pembroke	30.05	64	ESE	1	c	29.98	- .17	61	59	+ 3	ESE	1	bcw	2	66	58	-	
Portishead	30.06	64	SSE	2	o	30.00	- .16	61	60	+ 3	ESE	1	bcw	2	67	59	-	
Seilly	30.01	63	E	5	o	29.99	- .09	61	60	- 1	NNW	1	o	2	65	60	-	
Plymouth	30.02	64	ESE	2	o	29.98	- .13	63	61	+ 1	ENE	1	of	*	67	60	0.01	
Hurst Castle	30.03	67	ENE	3	o	29.99	- .16	63	63	+ 1	NE	3	o	3	70	60	0.02	
Dover	30.15	65	ESE	3	o	29.99	- .20	66	63	+ 2	Z	0	b	0	68	60	0.01	
London	30.10	65	E	3	*	30.00	- .19	64	62	+ 6	SE	1	of	*	74	50	-	
Oxford	30.08	65	NNE	1	o	30.01	- .16	60	59	+ 2	N	1	o	*	70	56	-	
Cambridge	30.12	67	E	1	o	30.00	- .20	63	62	+ 4	Z	0	f	*	74	55	-	
Yarmouth	30.15	63	E	2	c	30.02	- .18	64	63	+ 1	E	2	bcw	2	66	61	-	
The Helder	*	*	*	*	*	30.06	- .16	64	62	+ 6	S	1	c	*	*	*	-	
Cape Gris Nez	30.02	64	ENE	3	m	30.01	- .20	66	63	+ 2	Z	0	m	0	75	63	-	
Jersey	30.03	65	ESE	3	c	30.01	- .11	63	63	- 1	ESE	2	bcw	3	68	62	0.04	
Brest	30.04	66	N	1	f	29.98	- .12	61	59	0	W	2	f	3	68	59	0.04	
L'Orient	29.98	66	E	2	c	29.99	- .05	64	63	+ 2	SW	2	m	2	73	57	-	
Rochefort	29.96	72	SE	3	c	30.08	+ .08	68	66	+ 9	W	3	p	3	81	55	-	
Biarritz	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	30.03	*	63	60	*	SE	1	bc	*	72	56	*	
Charleville	*	*	*	*	*	29.99	- .17	60	*	+ 1	SSE	1	o	*	*	*	*	
Paris	30.03	69	E	2	o	30.04	- .11	61	59	+ 2	SE	2	c	*	*	*	*	
Lyons	*	*	*	*	*	30.17	+ .05	64	*	0	SE	2	o	*	*	*	*	
Toulon	30.10	72	Z	0	b	30.15	+ .06	73	61	0	E	4	b	3	79	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	30.15	64	60	WSW	4	c	3	Valencia	30.03	66	60	SE	2	c	3
Thurso	30.07	67	60	NNW	1	b	2	Seilly	30.04	63	62	E	5	og	5
Scarborough	30.15	62	60	NE	1	o	1	London	30.12	70	62	ESE	2	c	*
Greenecastle	30.07	64	62	S	1	f	*	Rochefort	29.99	75	70	ESE	3	bc	3
Holyhead	30.10	63	61	NNE	3	c	3								

No important change.

EXPLANATION OF COLUMNS.

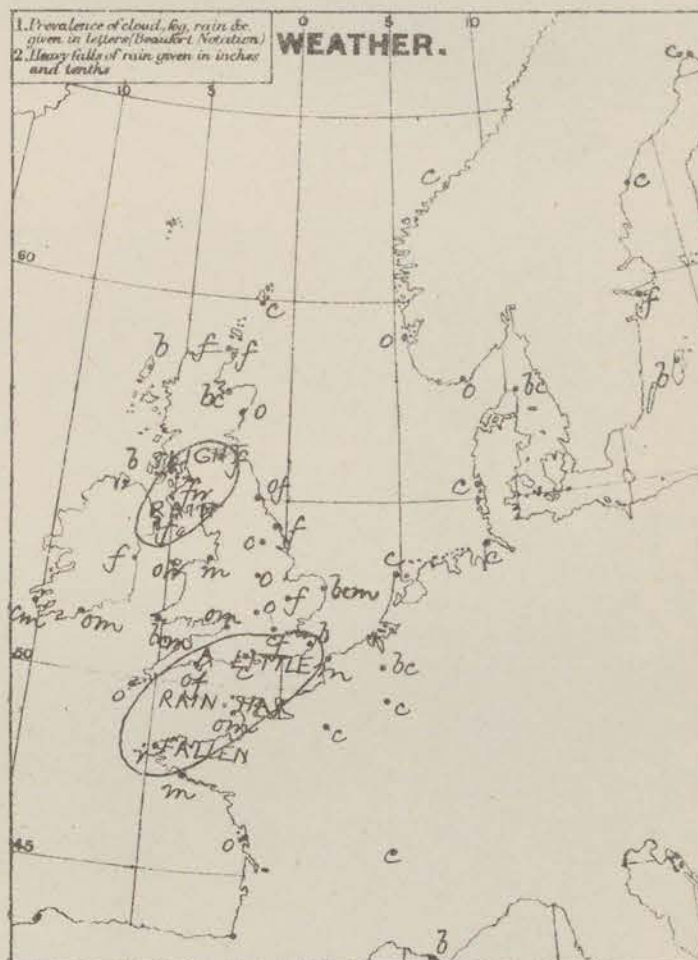
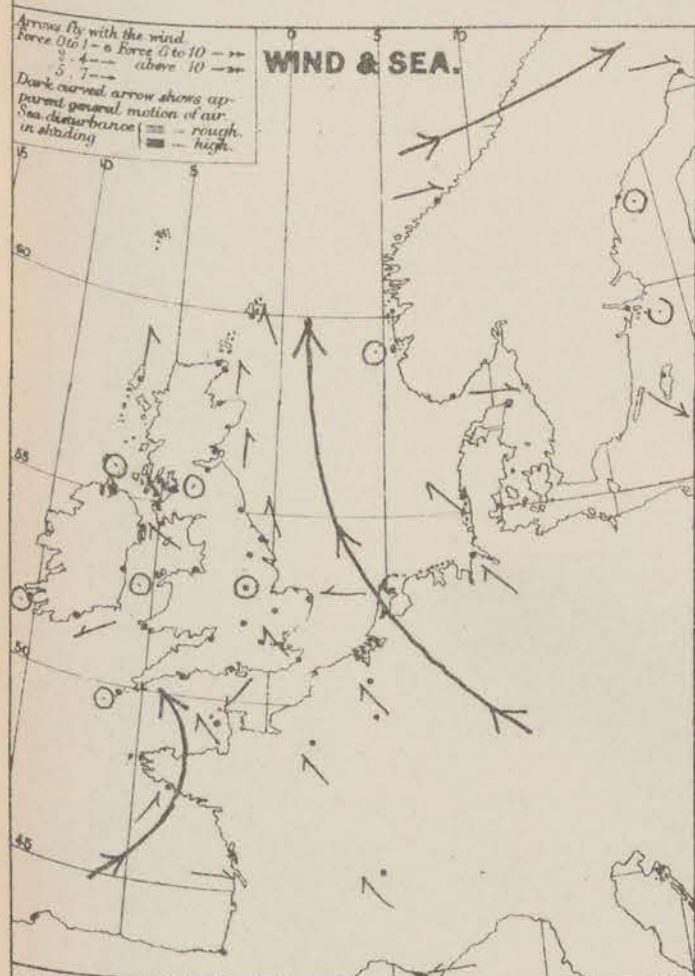
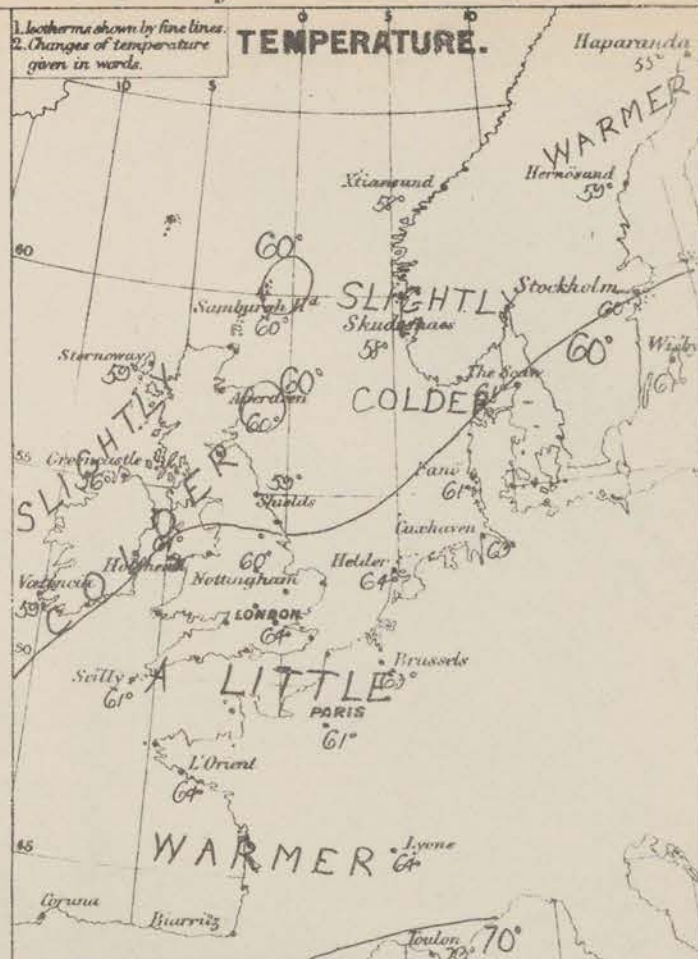
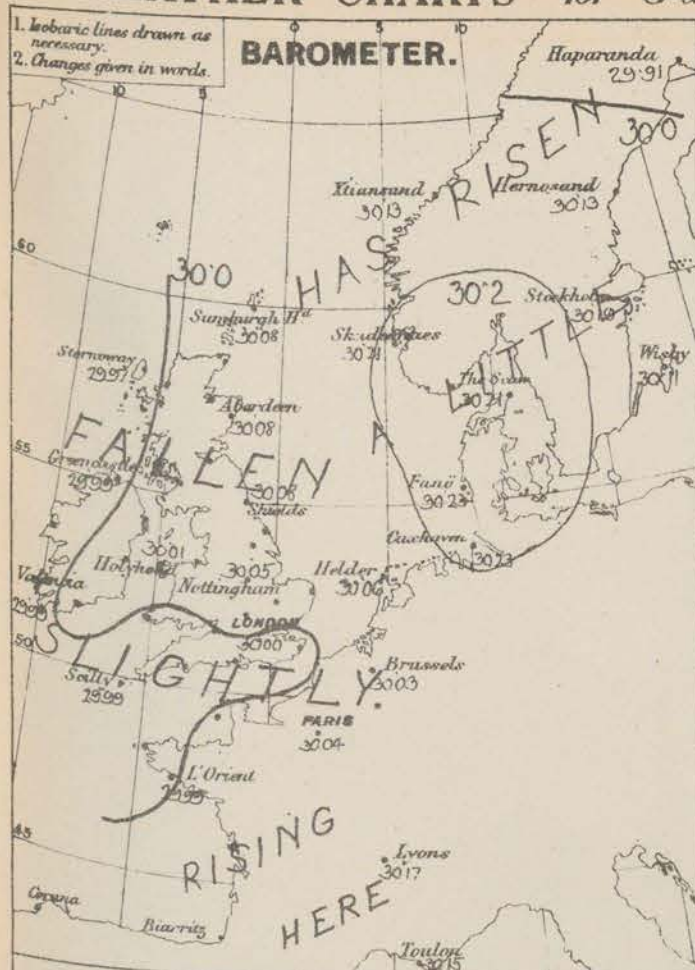
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS *for 8 a.m. on Thursday 5TH SEPT^R 1878.*



REMARKS. Weather this morning is clear in the north west, cloudy and dull elsewhere, with a great deal of fog and haze over England, and the north west of France. Night rain has fallen in the south of England and the Channel during the night, and the clouds in London have a watery, unsettled appearance, where visible through the fog. Temperature has risen over France and the south east of England, but fallen at most of our northern and western stations. The maximum readings yesterday were as high as 77° at Nottingham, 74° at London and Cambridge and 71° at York. At the coastal stations, however, they were nearly all below 70° , and at Harbours 62° was the highest reading recorded. Wind is extremely light and variable over the whole of Western Europe, with calms in the west and north west of our Islands. In the west of France it is moderate from the W.^d Sea is slight in the Channel and Bay of Biscay, smooth elsewhere.

Barometrical Indications. The barometer has continued to rise over Scandinavia and the northern parts of the North Sea, and has commenced rising in the south of France, while it has fallen on our western and southern coasts, and has at the Dutch stations. Pressure has become very unevenly distributed in the south, small local irregularities having again appeared, such as usually accompany cloudy showery weather.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 8/- per quarter, book post 5/- per quarter.

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

R. H. SCOTT.
Secretary.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEPT 6TH

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 Rain.	
			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 ...	29.93	57	NW	2	c	30.11	+ .20	45	45	-	7	N	4	b	*	61	37	-
Hernösand ...	30.15	58	N	0	bc	30.18	+ .25	58	55	-	1	N	0	b	*	*	*	-
Stockholm ...	30.1	59	SSW	4	b	30.19	+ .00	65	62	+	5	N	0	c	*	*	*	-
Wisby ...	30.19	61	NW	4	bc	30.18	+ .07	59	58	-	2	NW	4	b	*	*	*	-
Christiansund ...	30.15	55	N	0	b	30.04	- .09	57	53	-	1	E	1	bc	b	63	48	-
Skudesnaes ...	30.15	61	ESE	2	p	30.02	+ .19	63	60	+	5	E	2	o	2	63	?	-
Oxö (Ålön) ...	30.18	62	N	2	o	30.10	+ .11	63	60	+	7	NE	4	o	2	68	?	-
Skagen (The Sea) ...	30.19	62	S	3	bc	30.13	+ .08	64	61	+	3	S	3	c	3	72	57	-
Fanö ...	30.08	63	SE	6	o	30.00	- .123	62	60	+	1	SE	4	c	*	72	59	0.04
Cuxhaven ...	30.17	71	SE	3	b	30.04	- .19	62	61	-	1	S	1	o	*	73	59	0.02
Sumburgh Head ...	29.95	59	SE	2	bc	29.85	- .123	57	56	-	3	S	1	f	3	63	55	-
St. roway ...	29.87	62	SSW	4	b	29.84	- .13	59	58	-	0	SSE	5	f	5	65	53	-
Thurso ...	29.94	62	SSE	3	m	29.90	- .14	54	53	+	2	SSE	1	cf	1	70	54	-
Wick ...	29.93	59	S	4	b	29.90	- .13	54	54	-	4	S	2	f	1	66	46	-
Nirn ...	29.92	65	N	0	b	29.91	- .13	58	56	+	1	N	0	b	0	71	50	-
Aberdeen ...	29.99	61	N	0	o	29.94	- .14	54	58	-	6	N	0	b	0	64	49	-
Leith ...	29.95	61	N	1	b	29.94	- .10	58	56	+	1	NW	2	b	*	72	57	-
Shields ...	29.99	61	N	0	o	30.01	- .07	59	57	-	0	N	2	bcf	1	62	55	-
Scarborough ...	29.99	59	E	1	f	30.01	- .05	60	59	+	1	NW	2	b	2	62	59	-
York ...	29.99	66	NE	1	o	30.03	+ .03	58	57	-	3	N	2	b	*	67	57	-
Nottingham ...	30.01	57	SSE	1	p	30.09	+ .04	62	61	+	2	SSW	1	bf	*	71	54	-
Ardrossan ...	29.96	65	SSW	1	c	29.96	- .06	58	56	-	0	SSE	1	bf	1	70	55	-
Greencastle ...	29.95	68	SE	1	b	29.92	- .07	58	57	+	2	S	1	o	*	72	50	0.01
Donaghadee ...	29.97	58	SSW	2	m	29.99	- .10	58	58	-	0	NW	2	b	1	65	53	-
Kingstown ...	30.00	65	SE	2	bc	30.04	+ .01	60	58	+	1	N	0	bcf	1	66	58	-
Holyhead ...	29.99	64	N	0	bc	30.04	+ .03	60	59	-	1	SW	3	f	2	67	58	-
Liverpool (Bidston) ...	29.98	64	NNW	1	m	30.05	+ .03	62	58	+	2	SW	1	b	1	70	57	-
Valencia ...	29.99	63	S	3	c	30.03	+ .04	62	61	+	3	SW	3	o	3	65	57	0.05
Roche's Point ...	30.02	65	NW	3	bc	30.06	+ .05	62	61	+	2	SW	4	m	3	70	57	-
Pembroke ...	30.04	65	N	1	b	30.10	+ .12	62	60	+	1	NW	1	b	1	70	60	-
Portishead ...	29.99	68	N	1	c	30.10	+ .10	62	61	+	1	NW	3	om	2	73	56	-
Seilly ...	30.08	64	NNW	3	b	30.14	+ .15	65	64	+	4	SSW	3	ow	3	66	61	0.01
Plymouth ...	30.07	67	SW	1	b	30.13	+ .15	63	61	-	0	N	0	bf	*	72	57	-
Hurst Castle ...	30.01	66	N	3	c	30.13	+ .14	61	60	-	2	NNW	2	bc	2	69	61	0.02
Dover ...	30.00	65	N	2	bc	30.08	+ .09	60	62	-	1	SW	3	b	2	68	61	0.04
London ...	30.02	67	SSE	1	o	30.10	+ .10	57	57	-	7	N	2	of	*	73	57	0.04
Oxford ...	29.98	68	S	1	o	30.10	+ .09	59	58	-	1	NW	2	o	*	71	56	0.01
Cambridge ...	29.99	65	N	0	c	30.08	+ .08	60	59	-	3	NW	1	f	*	76	55	-
Yarmouth ...	29.99	65	SSE	1	c	30.05	+ .03	62	62	-	2	NW	2	f	2	68	59	0.02
The Helder ...	*	*	*	*	*	30.04	- .02	64	63	o		NW	1	o	*	*	*	0.08
Cape Gris Nez ...	30.02	64	N	1	o	30.10	+ .09	64	64	-	2	NW	2	m	1	74	63	-
Jersey ...	30.05	64	NNW	3	m	30.20	+ .19	62	60	-	1	NW	3	bcw	3	69	59	0.01
Brest ...	30.12	?	NNW	2	m	30.21	+ .23	61	59	o		NNW	1	o	3	66	57	0.12
L'Orient ...	30.09	64	N	3	b	30.24	+ .25	61	59	-	3	NE	1	m	1	72	57	-
Rochefort ...	30.14	68	NW	4	o	30.19	+ .11	64	63	-	4	NW	1	o	3	79	55	-
Biarritz ...	30.14	73	NNW	2	o	30.20	+ .08	68	64	-	2	NE	1	o	3	79	64	-
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	*	*	*	*	*	30.08	+ .05	66	63	+	3	N	1	o	*	78	?	0.16
Charleville ...	*	*	*	*	*	30.05	+ .06	67	*	+	7	SW	1	o	*	*	*	*
Paris ...	30.05	72	SW	1	o	30.15	+ .11	66	63	+	5	SW	2	o	*	*	*	*
Lyons ...	*	*	*	*	*	30.16	- .01	70	*	+	6	NW	2	b	*	*	*	*
Toulon ...	30.13	58	N	2	b	30.10	- .05	75	64	+	2	N	0	b	1	82	73	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.16	63	58	Z	0	0	2	Valencia	29.99	64	61	SSE	2	om	3
Thurso	29.97	70	64	SSE	2	b	2	Seilly	30.03	66	64	NNN	4	bc	3
Scarborough ...	30.00	60	59	NE	1	f	1	London	30.00	70	67	ESE	1	om	*
Greencastle ...	29.98	70	64	S	1	b	*	Rochefort ...	30.11	72	68	WSN	4	o	3
Holyhead	29.99	68	62	NNN	2	c	1								

The rise of the barometer noticed in France this morning has now reached the Seilly Islands, where the wind has freshened from NNW. In London rain began to fall soon after noon and continued for two hours.

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 transverse; w. dew.

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

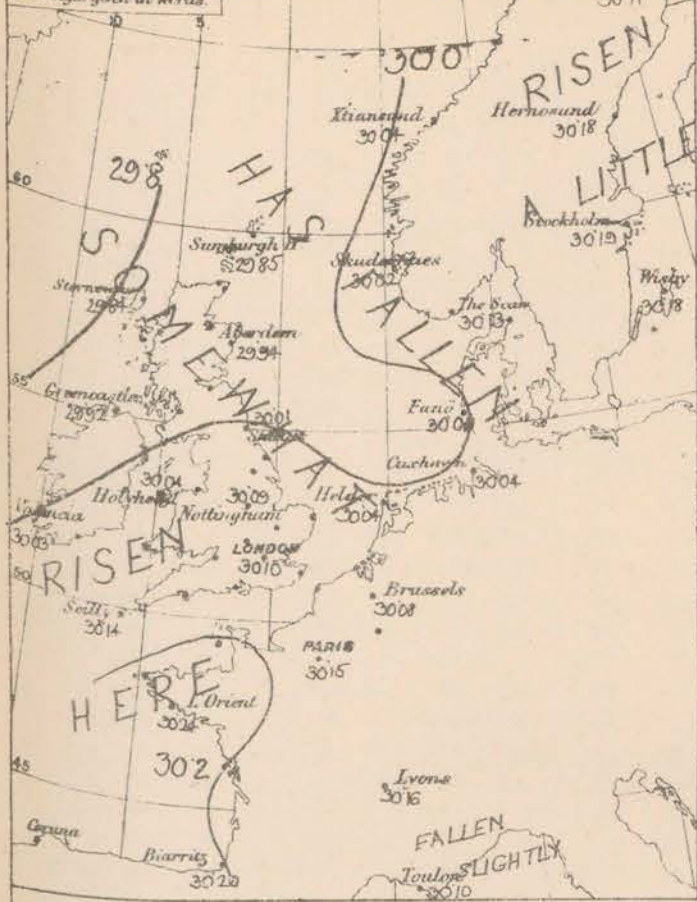
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 9 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Friday 6th SEPT^r 1878.

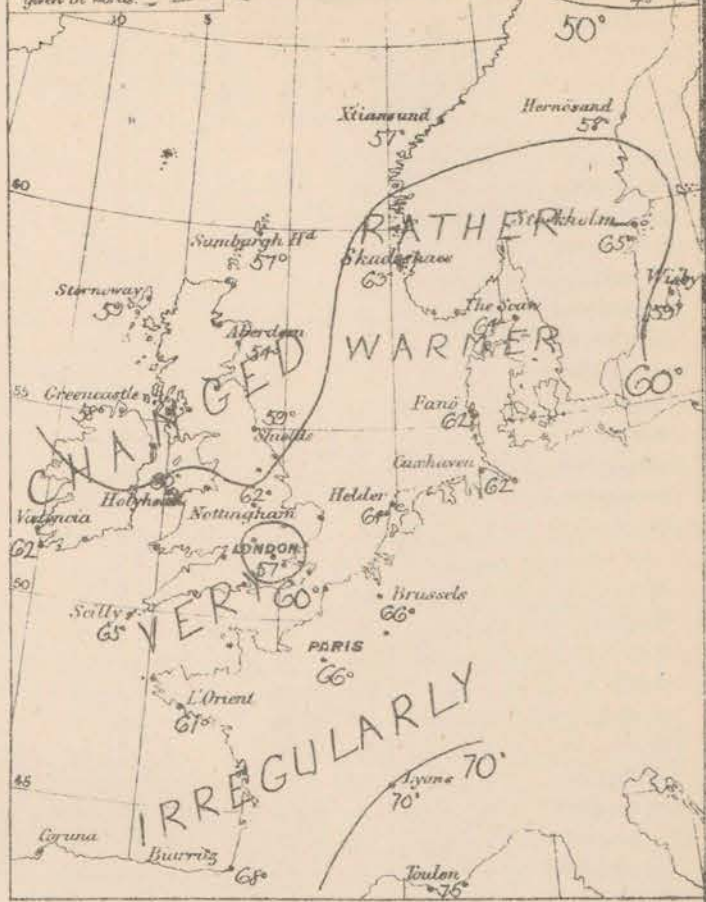
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



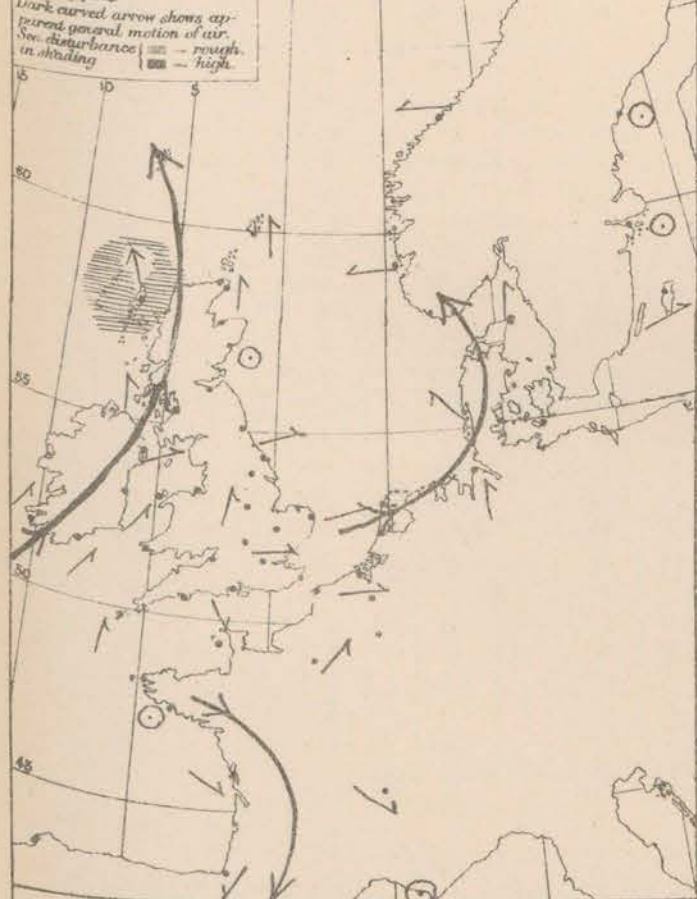
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



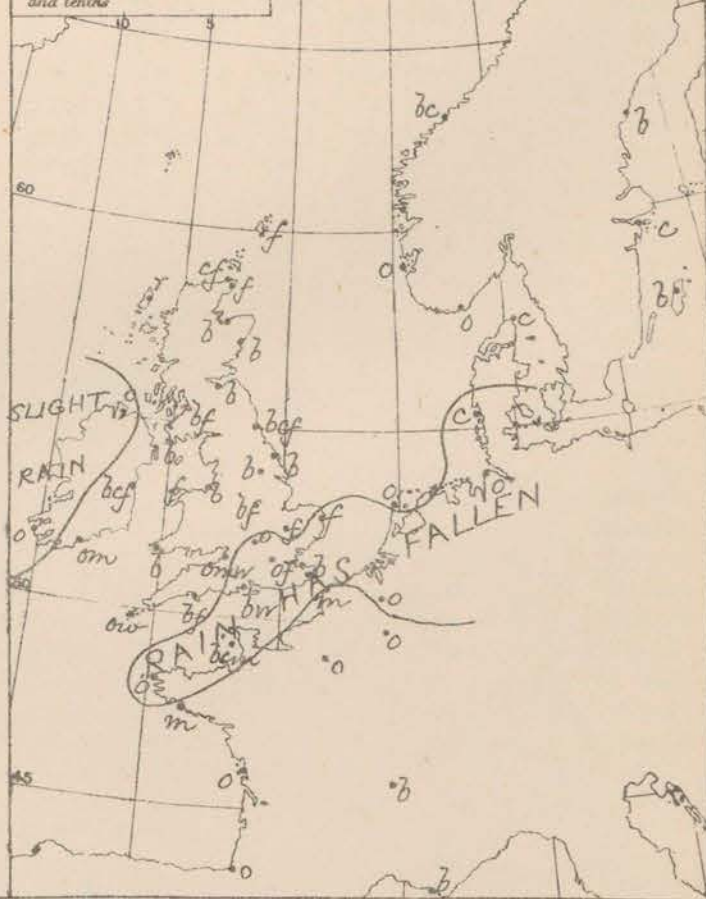
1. Arrows fly with the wind.
 - Force 0 to 10 —
 - Force 11 to 20 —
 - Force 21 to 30 —
 - Force 31 to 40 —
 - Force 41 to 50 —
 - Force 51 to 60 —
 - Force 61 to 70 —
 - Force 71 to 80 —
 - Force 81 to 90 —
 - Force 91 to 100 —
- Dark curved arrow shows apparent general motion of air. See disturbance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

WIND & SEA.



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

WEATHER.



REMARKS. Weather is rainy at Stornoway, fair over our Islands and their neighbourhood generally, but continues foggy in many places. Rain fell at the southern and south eastern stations yesterday, but the amount reported are small. Temperature has changed irregularly. At our western stations it has risen, but in the west of France and south east of England it has fallen, and London is seven degrees colder than it was at 8 a.m. yesterday. Wind is light generally; it is SW to W at our southern stations and in Holland, SE (or calm) in Scotland, SE to E in Denmark and Norway. In the west of France variable airs are reported. Sea is slight or smooth except in the far north.

Barometrical Indications. Since yesterday morning the barometer has risen in the south but fallen in the north, and readings now vary from about 30.2 ins. over Sweden and the west of France to 29.8 ins. at Stornoway. A shallow secondary disturbance lies over the north sea.

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

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

DAILY WEATHER REPORT SEPT 7TH 1878.

STATIONS.	† YESTERDAY EVENING.					9 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rain.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from yesterday.	Dry.	Wet.	Difference from yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	30.17	48	W	2	b	30.15	+0.4	48	47	0	Z	0	b	*	61	36	-	
Hernösand	30.15	53	Z	0	c	30.13	-0.5	55	54	-3	Z	0	o	*	*	*	-	
Stockholm	30.13	59	SSW	4	c	30.10	-0.9	60	59	-5	SE	2	o	*	*	*	-	
Wibby	30.08	59	SSE	4	c	30.01	-1.7	62	60	+3	SE	6	o	*	*	*	-	
Christiansund	29.95	60	SSE	1	o	29.93	-1.1	58	57	+1	W	1	r	1	66	54	0.12	
Skudesnaes	29.94	67	SSE	4	o	30.01	-0.1	60	59	-3	SSW	2	b	2	?	?	-	
Oxö (Xtiansand)	30.03	63	NE	6	o	30.02	-0.8	62	59	-1	NNW	2	o	2	64	59	0.08	
Skagen (The Scaw)	30.02	61	SE	3	r	29.99	-1.4	63	62	-1	Z	0	c	0	66	57	0.12	
Fanö	30.03	63	WSW	2	o	30.06	+0.6	63	60	+1	W	4	c	*	66	59	-	
Cuxhaven	30.04	69	W	1	c	30.12	+0.8	64	62	+2	W	1	o	*	?	59	0.01	
Sumburgh Head	29.86	57	S	1	r	29.97	+1.2	54	54	-3	SW	1	o	2	63	50	0.22	
Stornoway	29.95	57	W	1	c	30.03	+1.9	55	54	-4	SW	3	b	3	60	42	0.13	
Thurso	29.95	58	Z	0	r	30.08	+1.8	56	54	+2	WSW	1	b	1	69	51	0.31	
Wick	29.95	58	NE	1	r	30.06	+1.6	57	53	0	WSW	1	b	0	65	50	0.13	
Nairn	29.95	60	Z	0	r	30.09	+1.8	56	55	-2	SW	1	b	1	71	49	0.29	
Aberdeen	29.94	66	Z	0	o	30.08	+1.4	56	54	+2	N	2	c	1	72	53	-	
Leith	29.98	63	W	1	b	30.04	+1.3	57	54	-1	NNW	1	b	*	71	52	-	
Shields	30.00	67	NW	2	a	30.10	+0.9	61	59	+1	W	1	b	1	72	57	-	
Scarborough	30.05	64	WSW	1	b	30.11	+1.0	62	60	+2	WSW	1	c	1	71	59	-	
York	30.07	64	W	1	b	30.11	+0.8	62	60	+4	WSW	1	c	*	72	56	-	
Nottingham	30.11	65	Z	0	b	30.15	+0.6	64	62	+2	Z	0	o	*	78	55	-	
Ardrossan	29.98	60	SSW	3	r	30.09	+1.3	56	54	-2	NW	1	b	1	64	52	0.09	
Greencastle	29.99	57	NNW	2	o	30.10	+1.8	59	57	+1	S	2	o	*	61	48	0.21	
Donaghadee	30.01	61	SW	2	c	30.13	+1.4	56	55	-2	NNE	1	b	0	66	53	0.02	
Kingstown	30.05	67	WSW	3	c	30.12	+0.8	61	60	+1	ESE	3	o	3	67	59	0.02	
Holyhead	30.09	62	SSW	3	o	30.12	+0.8	60	59	0	Z	0	o	0	67	58	-	
Liverpool (Hidston)	30.08	63	WSW	1	b	30.12	+0.7	62	60	0	W	1	o	1	68	60	-	
Valencia	30.06	62	SE	2	o	30.03	0.0	63	60	+1	NE	1	c	1	66	59	0.14	
Roche's Point	30.10	64	SW	2	e	30.07	+0.1	63	61	+1	SE	2	c	3	68	60	-	
Pembroke	30.12	63	SW	2	o	30.12	+0.2	62	61	0	S	1	o	2	67	61	0.17	
Portishead	30.13	65	WSW	2	b	30.14	+0.4	62	60	0	SSW	1	o	1	71	56	-	
Scilly	30.18	63	WSW	2	a	30.12	-0.2	64	62	-1	S	4	o	3	70	61	-	
Plymouth	30.16	66	SW	1	c	30.15	+0.2	62	61	-1	NNW	1	o	*	71	55	-	
Hurst Castle	30.14	68	W	3	b	30.16	+0.3	61	60	0	E	2	W	2	72	58	-	
Dover	30.11	66	WSW	3	b	30.14	+0.6	65	60	0	W	2	b	1	70	60	-	
London	30.14	69	W	2	b	30.15	+0.5	61	59	+4	SW	1	b	*	74	52	-	
Oxford	30.12	65	W	3	b	30.15	+0.5	57	56	-2	SW	1	o	*	71	55	-	
Cambridge	30.10	68	Z	0	b	30.15	+0.7	58	58	-2	Z	0	b	*	75	52	-	
Yarmouth	30.09	67	Z	0	b	30.14	+0.9	61	60	-1	Z	0	b	1	74	53	0.01	
The Helder	*	*	*	*	*	30.13	+0.9	62	61	-2	SSE	1	b	*	*	*	*	
Cape Gris Nez	30.13	64	SW	2	m	30.17	+0.7	64	64	0	Z	0	W	0	70	59	-	
Jersey	30.23	63	NNW	1	b	30.21	+0.1	62	61	0	N	1	W	1	68	58	-	
Brest	30.23	68	N	2	b	30.17	-0.4	63	?	+2	SE	2	o	2	70	55	-	
L'Orient	30.21	64	W	2	b	30.19	-0.5	59	59	-2	ESE	3	o	2	73	55	-	
Rochefort	30.19	72	NW	4	b	30.21	+0.2	63	63	-1	ESE	3	b	2	77	61	-	
Biarritz	30.16	72	NNE	4	o	30.13	-0.7	68	66	0	SSW	2	c	3	79	64	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	30.16	+0.8	62	61	-4	Z	0	b	*	71	59	-	
Charleville	*	*	*	*	*	30.09	+0.4	66	*	-1	W	1	b	*	*	*	*	
Paris	30.16	70	NNW	2	b	30.17	+0.2	59	55	-7	NW	2	b	*	*	*	-	
Lyons	*	*	*	*	*	30.11	-0.5	72	*	+2	W	2	b	*	*	*	*	
Toulon	30.06	73	SW	2	b	30.04	-0.6	77	64	+2	SW	1	b	2	82	73	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.98	66	61	SE	4	0	Valencia	30.07	65	60	N	1	0
Thurso	29.93	61	59	2	0	r	Scilly	30.18	63	64	WSW	4	b
Scarborough	30.03	70	62	WSW	2	b	London	30.13	71	66	W	2	b
Greencastle	29.95	60	60	SSW	2	r	Rochefort	30.22	70	64	W	3	b
Holyhead	30.07	65	62	SW	4	c							

The barometer is unsteady in the W. but has risen elsewhere. The weather is fine over England, but rain is falling in the extreme N. and NW.

EXPLANATION OF COLUMNS.

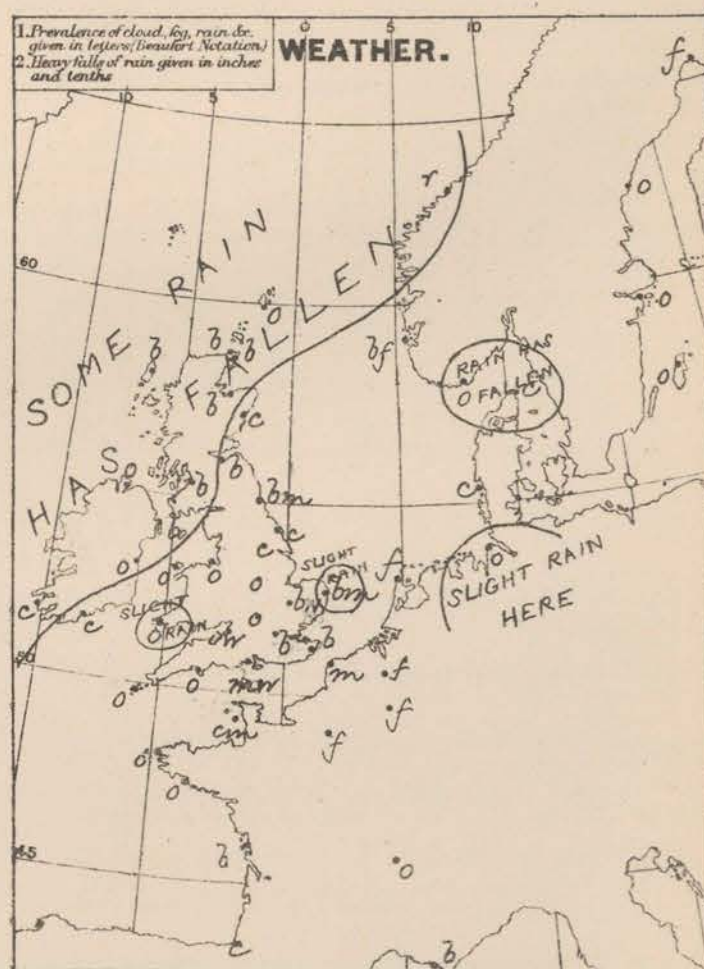
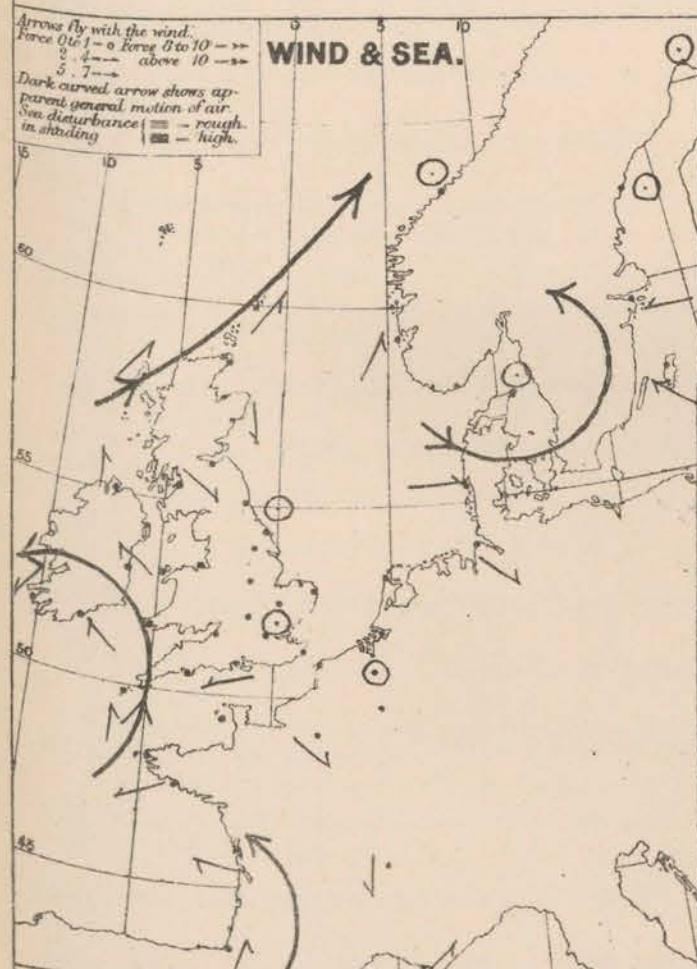
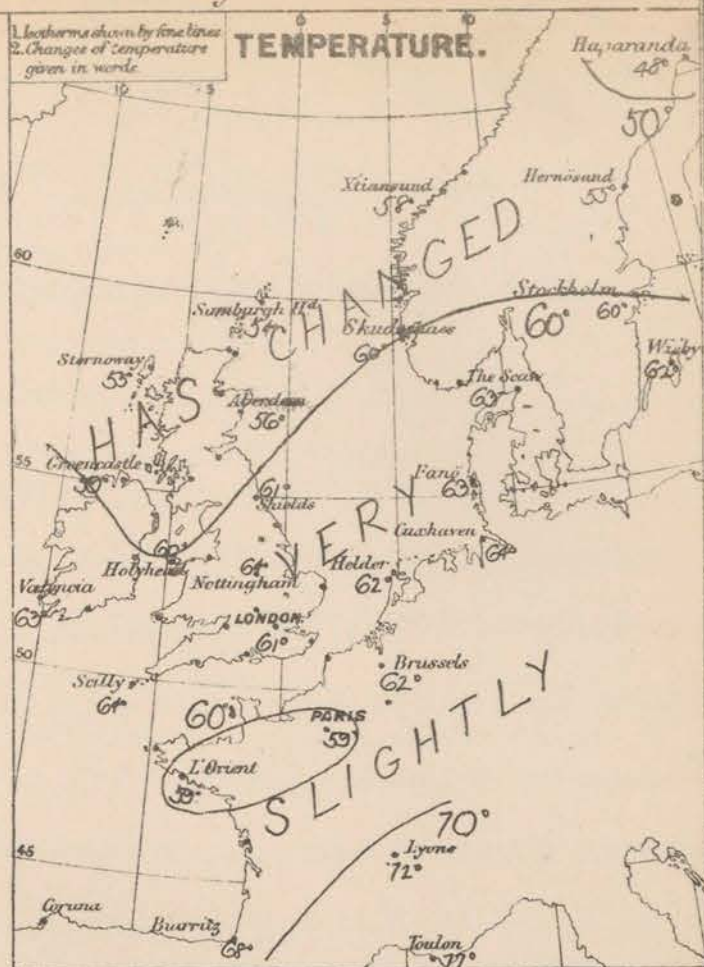
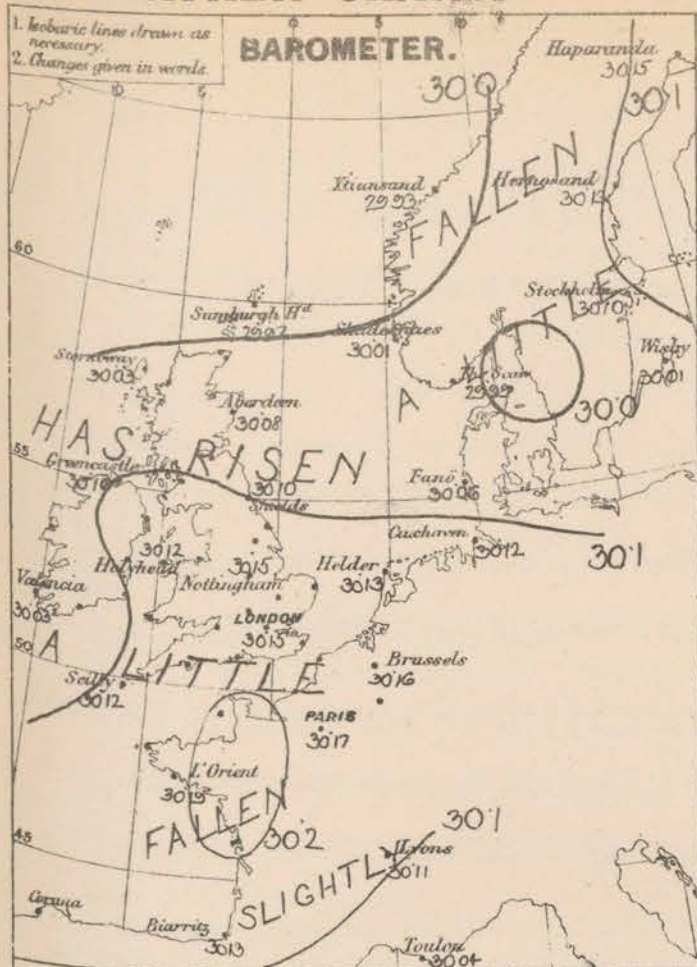
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Saturday 7th SEPT^r 1878.



REMARKS. Weather is very quiet over the whole of our Islands and their neighbourhood, but the sky is overcast or foggy except in Scotland, the south east of England and south of France. A great deal of fog is reported in Belgium and the north east of France. Rain fell in Scotland and Ireland yesterday, the largest amount reported being 0.3 in. at Thurso. Temperature has risen in England, fallen in Scotland. It was higher over England and Scotland during yesterday than for a long while past, the maximum readings being as high as 79° at Nottingham, 75° at Cambridge, 74° in London and between 70° and 73° at nearly all of the other stations in Great Britain. At Biarritz it was 79°. Wind is very light and variable over the whole of Western Europe, chiefly S.W. in England but N.E. to E. on our south west coasts. Sea is smooth.

Barometrical Indications. The barometer is higher over nearly the whole of our Islands than it was yesterday, but a fall has taken place in the south west during the night, and a very shallow depression is found off the south of Ireland this morning, which is apparently moving N.E.

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.

SUMMARY OF WEATHER IN WESTERN EUROPE

from September 1st to September 7th 1878.

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

The changes in pressure during this week have been gradual and not extensive no serious disturbance being chronicled. At first the area of highest readings was off our SW. coasts and the lowest over the North Sea so that NW^y breezes prevailed with rather low temperature. This distribution had however given way by Monday, the region of high readings during the succeeding few days passed slowly across France and our SE coasts, and travelled on to the E^m shores of the North Sea, while depressions passed NW^{wd} along our W^m and NW^m coasts giving us S^y and SW^y winds with warm but rather showery weather. By Friday and Saturday the area of high pressure was reestablished over W^m France, the wind veered to the W^{wd} and temperature fell. Some rain has fallen on all the days of the week but the amounts have been small and no thunderstorms of importance have occurred.

SUNDAY. SEPT 1st. Weather much improved, but some rain again registered at several of our NE^m and E^m

stations — Temperature fallen generally, the maximum for London being only 62° and Oxford 61°.

Wind moderate generally over the United Kingdom and France; N^y in Scotland, NW^y in Ireland, England and the Bay of Biscay, but SW^y in the Netherlands and variable in Denmark and Scandinavia.

Sea going down but still rough in the NE

Barometer still rising. The disturbances of the past day or two still moving slowly towards the Baltic and altering in form and decreasing in intensity.

MONDAY. SEPT 2nd. — Weather fine (but cloudy and foggy in several places) over S^t Britain, but inclined to break up again in the W. Sky densely overcast and rainy at Valentia with a very threatening appearance; the rain subsequently extending in small quantity to most of our NW^m stations. Temperature risen generally but only to a small extent — Wind back to S. again in the W. and NW. and increasing to a slight gale at Valentia and a fresh gale at Stromway later in the day. E^y breezes felt over the Bay of Biscay but moderate NW^y winds on the E^m shores of the North Sea and very light ones in the SE of England, — Sea rough and rising at Valentia and Stromway but slight on our other coasts.

Barometer still rising in the E. and SE. and depressions over the Atlantic beginning to move in a NE^y direction outside our W. and NW. coasts but only affecting the wind appreciably at the most advanced and exposed of our W^m stations. —

TUESDAY - SEP^r 3rd Weather fine and bright at the S^m and most of our E^m stations, overcast and unsettled in the N., with slight rain at Valentia and in N. Ireland, as well as the N. and N. of Scotland. — Temperature fallen on the E^m shores of the North Sea, higher over these Islands and France, the maximum readings exceeding 70° in the SE^m and central parts of England and E. of Scotland. — Wind W^{ly} to SW^{ly} on our coasts, E^{ly} over France, — moderate generally but blowing strongly at Valentia and Stornoway. — Sea rough at Valentia and in the Minch

Barometer falling except on the E^m shores of the North Sea, change slight generally but brisk in the N. of Scotland. Readings highest over the Channel and N. France lowest to the N^{wd} of these Islands.

WEDNESDAY - SEP^r 4th Weather fine and bright at most of the more E^m stations (though foggy in some places) overcast and damp in the W. Became cloudy generally later in the day with slight rain in SW. — Temperature a few degrees lower over United Kingdom, The maxima however again exceeding 70° in the central and SE^m parts of England and E. of Scotland. — Wind moderate from the E^{wd} over France and our SW. coasts fresh from SW in the extreme N. and light and variable elsewhere. Sea rather rough near the Scilly and Shetland Isles and in the Skager Rack

Barometer rising N. falling S. Pressure highest over Germany and comparatively low both to the NW^{wd} of Norway and over Spain.

THURSDAY - SEP^r 5th Weather clear in NW, cloudy, foggy or misty elsewhere, Slight rain subsequently falling in S. and SW. — Temperature slightly lower over these Islands and on the E^m shores of the North Sea higher over France; the maxima at the central stations varying from 71° to 76° being rather higher than on the preceding day. Wind very light and variable. — Sea slight or smooth. — Barometer still rising over Scandinavia but falling these Islands; highest over Denmark lowest off our NW. and SW. coasts

FRIDAY - SEP^r 6th Weather fine except in the extreme W. though still foggy in places, Rain at Stornoway, subsequently falling at all our N^m and NW^m stations. — Temperature risen W., fallen E., and over France, change in London as much as 7°. Maxima exceeding 70° at all the inland and E^m stations and reaching 78° at Nottingham. Wind SW^{ly} to W^{ly} on all our coasts, light to moderate in force except at Stornoway. Sea slight except off the Hebrides. Barometer falling over Scandinavia and Scotland rising elsewhere. Readings highest over the Bay of Biscay and lowest to the NW^{wd} of Scotland. A small depression lying over the North Sea.

SATURDAY SEP^r 7th Weather fine and bright except in the extreme W. and in Scandinavia, a great deal of fog however prevailing. Heavy rain subsequently fell at Holyhead and smaller amounts at other W^m stations while thunder and lightning occurred in the SW. — Temperature scarcely changing varying from 64° in the SW to 54° at Wick. — Wind very light on all coasts and variable in direction in early part of day; later on a fresh S^{ly} breeze springing up at Scilly. — Sea slight to calm. Barometer falling somewhat over the Bay of Biscay and our S. coast but not changing much in any part of W^m Europe

Meteorological Office,

116 Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT

SEPT 8TH

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.			
			Dir.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.	Average of 24 hours.	
Haparanda ...	30.04	55	Z	0	c	30.01	-14	54	54	+ 6	SE	2	0	*	59	48	-	
Hernösand ...	30.04	58	S	2	z	30.01	-12	55	54	0	Z	0	z	*	*	*	0.16	
Stockholm ...	30.02	61	S	4	0	29.99	-11	58	57	- 2	E	2	0	*	*	*	0.35	
Wistby ...	29.95	63	ESE	6	0	29.91	-10	63	62	+ 1	NNW	6	0	*	*	*	-	
Christiansund ...	30.00	57	WSW	3	0	30.03	+10	54	52	- 4	ESE	1	b	4	68	?	1.70	
Skudesnaes ...	30.06	59	NNW	2	0	30.06	+05	59	56	- 1	NNW	3	c	2	63	41	-	
Oxö (Xiansand)	30.02	63	WSW	4	c	30.02	00	58	56	- 4	W	2	b	1	66	55	-	
Skagen (The Sew)	30.04	62	Z	0	bc	30.03	+04	63	60	0	W	3	0	1	68	55	-	
Fanö ...	20.10	60	WSW	1	0	30.08	+02	62	60	- 1	WSW	2	c	*	66	59	-	
Cuxhaven ...	30.15	?	N	1	m	30.12	00	63	61	- 1	ESE	1	z	*	64	55	-	
Samburgh Head	30.06	56	SW	1	b	29.96	-01	56	54	+ 2	SE	2	0	3	62	49	-	
Stornoway	30.02	58	SSW	3	b	29.92	-11	58	57	+ 3	SSE	4	bc	4	61	50	-	
Thurso ...	30.09	58	SSE	1	b	30.01	-07	53	52	- 3	Z	0	c	2	67	48	-	
Wick ...	20.09	56	S	1	b	29.98	-08	57	55	+ 3	S	2	b	1	64	52	0.01	
Nairn ...	29.99	60	Z	0	b	29.99	-10	59	55	+ 3	Z	0	b	0	65	48	-	
Aberdeen ...	30.12	57	S	1	b	30.06	-02	57	56	+ 1	S	1	0	1	62	50	-	
Leith ...	30.10	60	E	1	b	30.05	-02	59	55	+ 2	NE	1	0	*	69	53	-	
Shields ...	30.11	59	SE	1	0	30.08	-02	59	56	- 2	Z	0	0	0	68	54	-	
Scarborough	30.12	60	N	1	c	30.07	-04	60	58	- 2	ENE	1	0	1	68	59	-	
York ...	30.11	64	E	1	c	30.02	-09	60	59	- 2	E	1	0	*	69	57	-	
Nottingham ...	20.10	66	Z	0	0	30.07	-08	59	56	- 5	NNE	1	z	*	76	59	-	
Ardrossan ...	30.10	61	SSW	1	c	30.04	-05	59	57	+ 3	NNE	2	cm	1	65	56	-	
Greencastle ...	30.08	67	SE	2	c	30.04	-06	59	58	0	SW	2	0	*	68	57	-	
Donaghadee ...	30.12	61	S	1	c	30.06	-07	58	57	+ 2	E	1	bc	0	63	52	0.07	
Kingstown ...	30.12	62	SE	2	m	30.08	-04	58	57	- 3	Z	0	bc	0	62	57	0.04	
Holyhead ...	30.10	62	E	2	0	30.08	-04	59	58	- 1	NNW	1	c	0	66	59	0.19	
Liverpool (Bidston)	30.09	62	NNE	1	0	30.05	-07	60	58	- 2	W	2	0	1	66	59	-	
Valencia ...	30.08	63	NNW	2	c	30.13	+10	61	59	- 2	Z	0	bc	3	68	55	0.04	
Roche's Point...	30.10	66	ESE	3	bc	30.10	+03	60	57	- 3	NNW	2	bc	2	70	56	-	
Pembroke ...	30.09	64	SSW	1	0	30.08	-04	62	60	0	NW	1	bc	3	66	58	-	
Portishead ...	30.08	62	Z	0	0	30.05	-09	63	62	+ 1	SW	3	c	2	65	57	0.12	
Seilly ...	30.06	62	SSE	5	c	30.10	-02	61	60	- 3	N	1	b	2	67	58	0.02	
Plymouth ...	30.10	63	Z	0	0	30.08	-07	58	57	- 4	Z	0	b	*	65	54	-	
Hurst Castle ...	30.10	65	W	3	bc	30.05	-11	63	62	+ 2	NW	2	bc	2	69	55	-	
Dever ...	30.10	65	WSW	1	b	30.05	-09	64	63	- 1	Z	0	c	0	68	60	-	
London ...	30.11	70	WSW	1	bc	30.04	-11	61	59	0	W	1	0	*	75	51	-	
Oxford ...	30.07	64	Z	0	bc	30.01	-14	58	57	+ 1	Z	0	0	*	71	57	0.23	
Cambridge ...	30.09	71	Z	0	b	30.04	-11	60	60	+ 2	Z	0	ow	*	78	55	-	
Yarmouth ...	30.11	65	Z	0	b	30.07	-07	61	60	0	E	2	0	2	68	57	-	
The Helder ...	*	*	*	*	*	30.06	-07	65	62	+ 3	NE	1	0	*	*	*	-	
Cape Grin Nez	30.11	64	NNW	1	m	30.05	-12	66	64	+ 2	SW	1	m	0	72	61	-	
Jersey ...	30.13	63	NNE	1	b	30.10	-11	63	62	+ 1	NNW	2	m	0	67	59	-	
Brest ...	30.13	?	SW	2	0	30.09	-08	64	59	- 7	SW	2	0	2	68	57	-	
L'Orient ...	20.15	63	W	2	c	30.16	-03	59	57	+ 2	NE	1	b	1	68	54	-	
Rochefort ...	30.07	73	NW	4	b	30.08	-13	66	63	+ 3	?	4	0	3	77	57	-	
Biarritz ...	30.08	72	NNW	3	bc	30.10	-03	66	63	- 2	NE	3	0	3	73	63	-	
Corunna ...	*	*	*	*	*	30.18	-02	65	*	- 3	NE	9	c	7	*	*	*	
Brussels ...	*	*	*	*	*	20.05	-11	59	59	- 3	NNE	1	b	*	72	57	-	
Charleville ...	*	*	*	*	*	30.01	-08	59	*	- 7	E	1	b	*	*	*	*	
Paris ...	30.09	70	NE	3	c	30.06	-11	66	63	+ 7	N	4	b	*	*	*	-	
Lyons ...	*	*	*	*	*	30.04	-07	73	*	+ 1	N	2	b	*	*	*	-	
Toulon ...	30.00	57	W	3	bc	29.97	-07	75	64	- 2	Z	0	b	0	86	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Woe.	Sea.		Bar.	Dry.	Wet.	Wind.	Woe.	Sea.		
Skudeanaes ...	30.04	63	59	W	2	0 f	3	Valencia	30.06	64	62	W	2	0 d	3
Thurso	30.10	65	59	NNE	1	6	2	Seilly	30.10	62	61	SSW	5	0 m	4
Scarborough ...	30.12	64	61	NNE	1	0	1	London	30.13	72	65	WSW	2	c	*
Greencastle ...	30.10	64	59	SSE	1	0	*	Rochefort ...	30.11	73	68	WNW	2	bc	3
Holyhead	30.12	65	63	SSE	1	0 g	0								

No important change.

EXPLANATION OF COLUMNS.

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

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

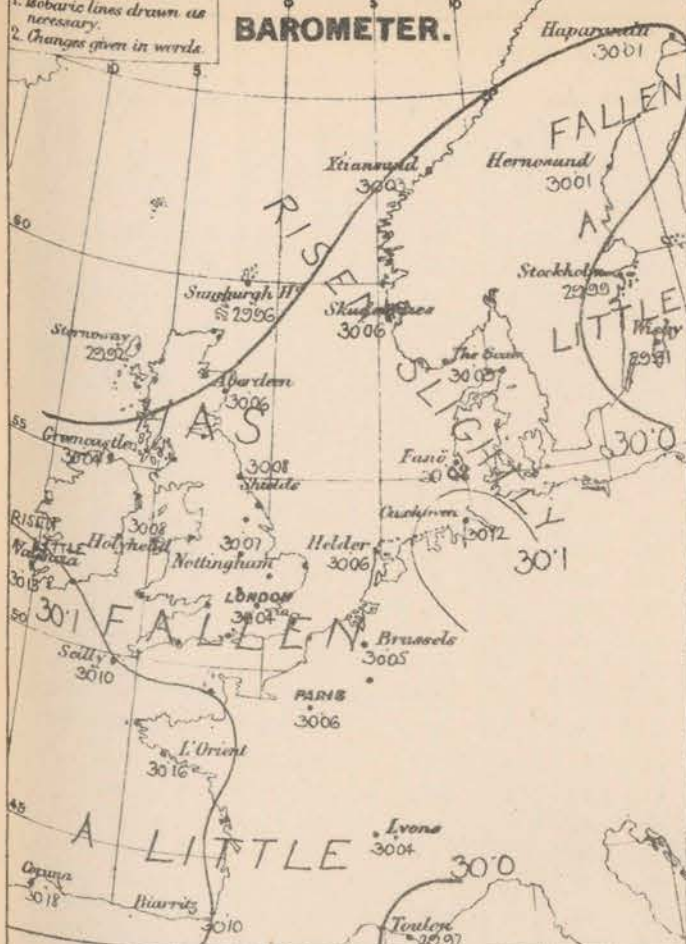
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Sunday 8th SEPT^r 1878.

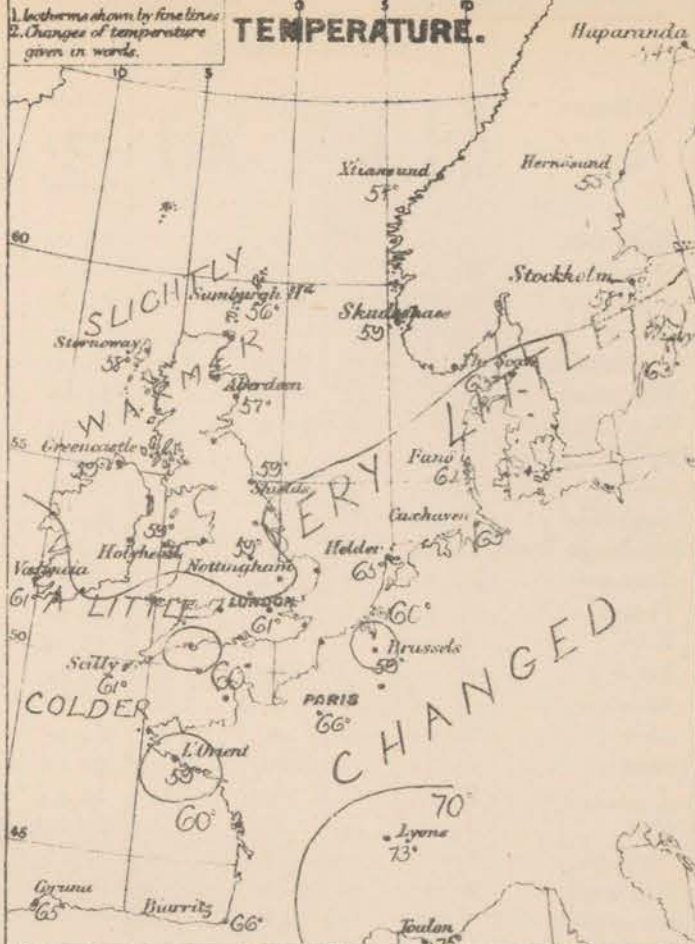
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



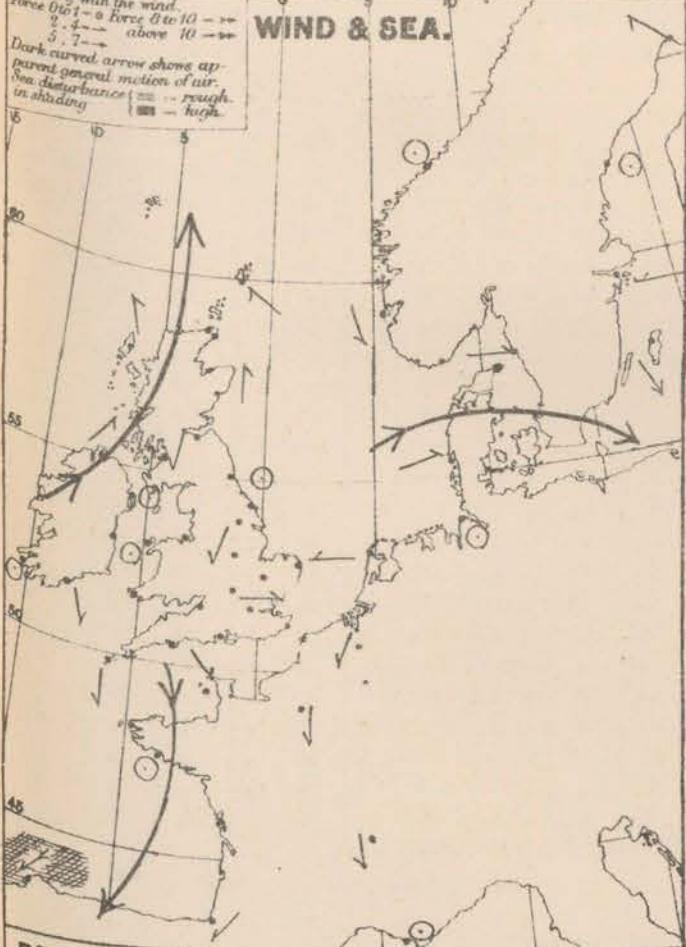
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



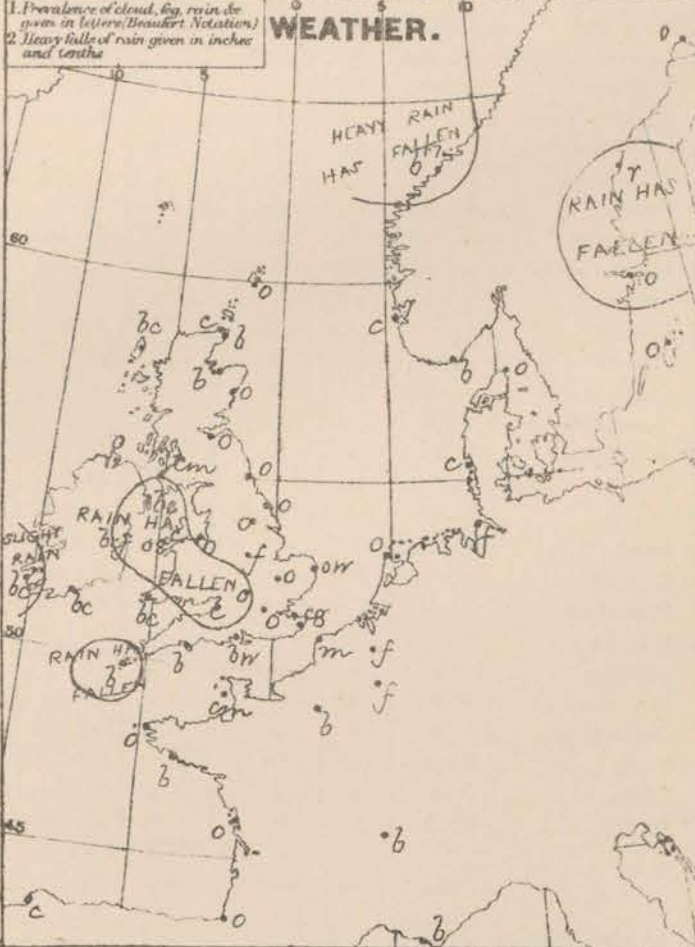
1. Arrows show with the wind. Force 0 to 1 - a force 6 to 10 - 2 - 4 - above 10 - 5 - 7 -
2. Dark curved arrow shows apparent general motion of air. Sea disturbances: rough in shading, high in solid.

WIND & SEA.



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

WEATHER.



REMARKS. Weather is very dull at our eastern and south eastern stations and also in Sweden but clear or moderately clear skies are reported in most other districts. Heavy rain fell at Holyhead yesterday, and thunderstorms occurred in many parts of the southern counties during last night. Temperature has changed very little but the tendency has been to rise in the north and fall in the south; the readings now vary from 53° in the north of Scotland to 63° or 64° in the south of England. The weather over Central England yesterday was warm, the thermometer rising to 76° at Nottingham and to 78° at Cambridge, while in London 75° was reached. Mist is light from S in the north of Scotland, and from N. at our south western stations and over the Bay of Biscay, but at the more central stations the breezes are still lighter in force and extremely variable. Sea is slight or smooth on all the British coasts.

Barometrical Indications. The barometer has fallen over the greater part of these Islands and France as well as in Sweden, but in Norway and Denmark a slight rise is noticeable. Readings have now become very uniform and no important change in the weather seems likely just at present.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT SEPT 9TH 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. Reading at 320 F. and Sea Level.	Difference from 320 F. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).				Dry.	Wet.	Difference from 320 F. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.01	54	2	0	0	29.94	-0.07	55	55	+1	2	2	0	*	57	52	-		
Hernösand	30.03	57	2	0	0	29.97	-0.04	58	56	+3	SSW	2	0	*	*	*	-		
Stockholm	30.03	57	2	0	b	30.00	+0.01	60	59	+2	2	0	0	*	*	*	0.04		
Wisby	29.94	55	E NE	2	2	29.95	+0.04	62	59	-1	SE	4	0	*	*	*	-		
Christiansund	29.90	54	NE	1	b	29.68	-0.25	57	54	+3	2	0	0	5	59	46	-		
Skudeanaes	29.98	55	2	0	b	29.86	-0.20	60	58	+1	SSW	8	0	4	63	53	-		
Oxo (Transtrand)	30.01	62	SE	2	b	29.93	-0.04	58	57	0	W	2	0	1	66	54	-		
Skagen (The Scaw)	30.01	60	2	0	b	29.97	-0.06	60	58	-3	W	1	0	2	68	54	-		
Fanø	30.03	62	2	0	0	29.98	-0.10	61	60	-1	SSW	3	0	*	66	57	-		
Cuxhaven	30.06	65	E	1	c	30.01	-0.11	62	61	-1	SE	2	m	*	2	57	-		
Sumburgh Head	29.78	56	3	3	m	29.59	-0.37	55	54	-1	S	5	m	4	61	52	0.65		
Stornoway	29.76	59	SSW	8	0	29.73	-0.19	54	52	-4	W	4	*	3	62	48	0.30		
Thurso	29.83	62	2	0	0	29.70	-0.31	53	53	0	W	3	2	2	70	52	0.23		
Wick	29.84	63	SW	3	0	29.69	-0.29	54	53	-3	WNW	2	2	0	67	53	0.25		
Nairn	29.87	62	SW	2	b	29.69	-0.30	56	56	-3	SW	3	b	0	72	55	0.06		
Aberdeen	29.93	59	8	2	b	29.73	-0.38	57	56	0	SSW	2	2	1	63	56	0.51		
Leith	29.93	63	SE	1	c	29.76	-0.29	61	58	+2	W	6	c	*	67	57	0.01		
Shields	29.99	61	SE	1	c	29.89	-0.19	61	57	+2	SSW	1	0	1	64	54	-		
Scarborough	30.00	57	SE	1	f	29.94	-0.13	60	59	0	SW	2	0	1	61	56	-		
York	30.00	64	3	1	0	29.96	-0.06	59	58	-1	SSW	2	0	-	70	58	-		
Nottingham	30.02	62	2	0	2	30.02	-0.05	61	59	+2	SSW	2	c	-	69	54	0.11		
Ardrossan	29.95	62	SSW	2	c	29.82	-0.22	59	58	0	SW	5	2	5	66	58	0.10		
Greencastle	29.95	63	SW	2	c	29.89	-0.15	56	55	-3	WNW	3	c	-	67	55	0.23		
Donaghadee	29.98	63	SW	2	b	29.88	-0.18	60	59	+2	W	5	b	3	66	56	0.02		
Kingstown	30.03	66	WNW	1	b	29.95	-0.13	61	58	+3	W	4	c	3	66	58	-		
Holyhead	30.03	62	SW	2	b	29.98	-0.10	60	58	+1	SW	4	2	3	64	58	0.01		
Liverpool (Bedston)	30.02	60	WNW	1	0	29.96	-0.09	61	58	+1	SW	1	0	1	61	56	0.02		
Valencia	30.08	62	WNW	2	0	30.03	-0.10	62	61	+1	W	4	2	3	66	59	0.09		
Roche's Point	30.09	63	W	3	c	30.04	-0.06	62	59	+2	WNW	4	0	3	69	55	-		
Pembroke	30.06	62	W	2	b	30.04	-0.04	62	59	0	WNW	2	b	3	63	59	-		
Portishead	30.03	64	WNW	2	c	30.05	-0.03	62	59	-1	W	5	c	5	69	55	0.50		
Scilly	30.12	63	W	2	c	30.14	+0.04	62	59	+1	W	4	c	3	66	60	-		
Plymouth	30.07	64	WNW	3	b	30.10	+0.02	61	59	+3	2	0	0	m	70	56	-		
Hurst Castle	30.07	66	W	3	c	30.08	+0.03	61	60	-2	WNW	3	c	3	70	56	0.17		
Dover	30.01	64	WNW	3	b	30.04	-0.01	59	57	-5	NNW	3	c	1	69	57	-		
London	30.01	63	WNW	1	0	30.04	-0.03	59	58	-2	WNW	1	c	*	73	53	0.02		
Oxford	30.03	62	2	0	b	30.04	+0.03	58	56	0	WNW	1	2	*	88	53	0.02		
Cambridge	29.97	65	W	1	0	30.03	-0.01	59	58	-1	2	0	0	*	68	55	0.04		
Yarmouth	29.99	63	E NE	2	b	30.00	-0.07	58	58	-3	W	1	b	1	65	53	0.01		
The Helder	*	*	*	*	*	29.98	-0.08	64	63	-1	W	1	c	*	*	*	-		
Cape Gris Nez	30.08	64	W	3	b	30.06	+0.01	59	59	-7	WNW	2	m	1	72	59	-		
Jersey	30.11	62	WNW	2	b	30.15	+0.05	61	60	-2	WNW	3	0	3	68	58	-		
Brest	30.16	?	W	2	b	30.19	+0.05	59	57	-2	N	1	b	2	70	54	-		
L'Orient	30.13	64	WNW	2	b	30.20	+0.04	59	57	0	W	1	c	2	72	52	-		
Rochefort	30.12	70	NNW	4	b	30.16	+0.08	59	57	-7	NNE	3	b	3	75	59	-		
Biarritz	30.10	70	NNE	3	0	30.19	+0.09	64	63	-2	ESE	2	0	3	72	61	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.02	-0.03	61	60	+2	W	1	0	*	73	58	0.04		
Charleville	*	*	*	*	*	29.97	-0.04	59	*	0	SW	1	f	*	*	*	*		
Paris	30.02	70	W	1	0	30.11	+0.05	60	58	-6	NW	1	0	*	*	*	*		
Lyons	*	*	*	*	*	30.05	+0.01	70	*	-3	N	2	b	*	*	*	*		
Toulon	29.92	77	W	3	b	30.00	+0.02	75	68	0	SW	1	b	2	86	73	*		

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudeanaes						Valencia							
Thurso						Scilly							
Scarborough						London					*		
Greencastle						* Rochefort	30.10	70	66	NNW	4	c	3
Holyhead													

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

Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudeanaes						Valencia					
Thurso						Scilly					
Scarborough						London					
Greencastle						* Rochefort	30.10	70	66	NNW	4
Holyhead											

EXPLANATION OF COLUMNS

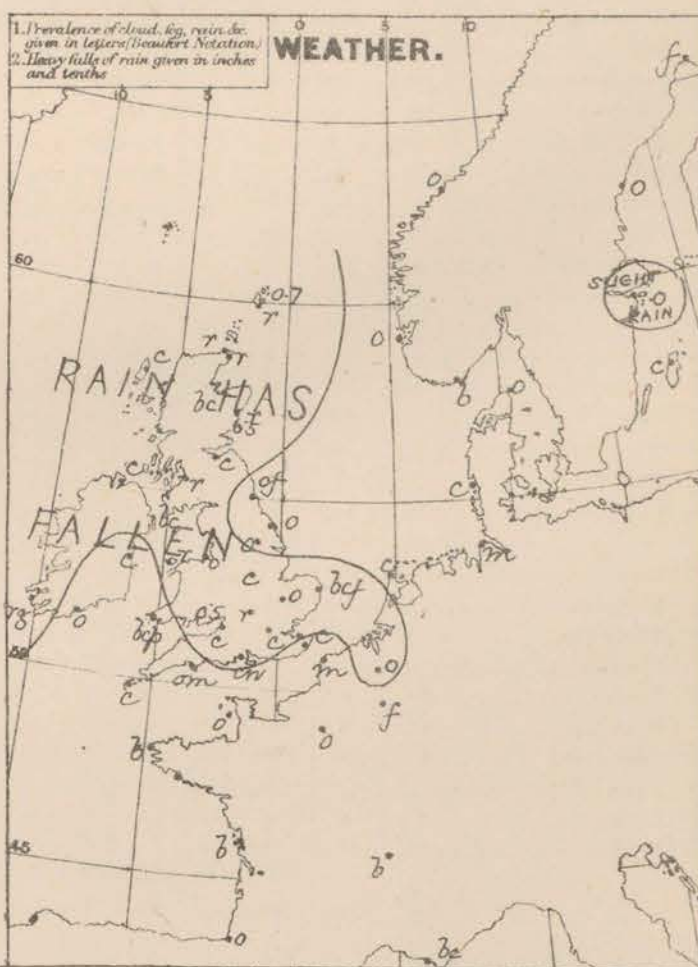
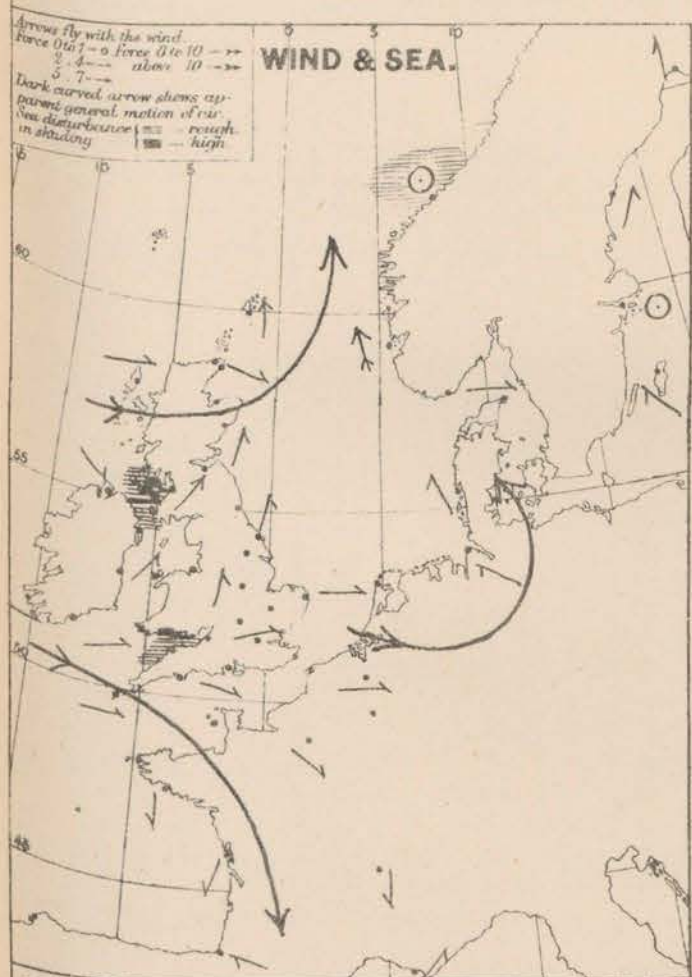
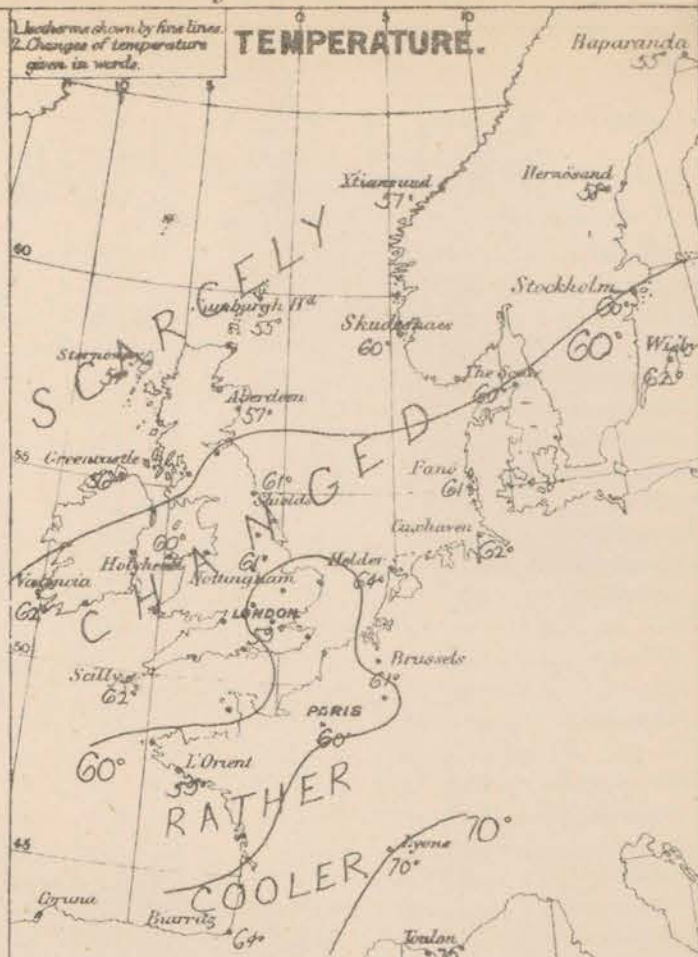
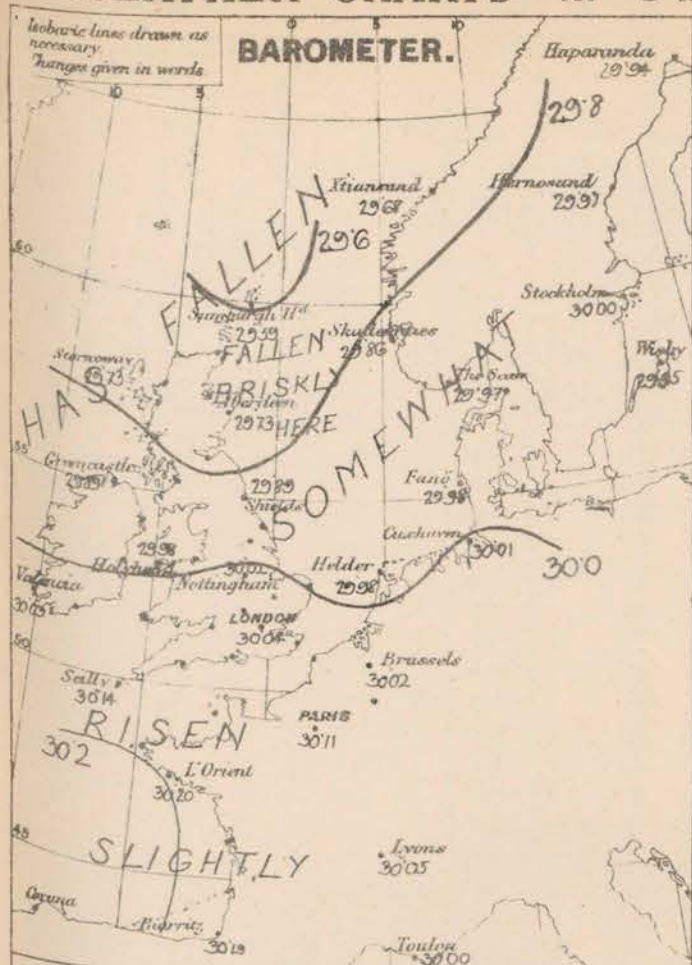
WEATHER.—Beaufort scale is, b. blue sky, c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. in 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 9TH SEPT^R 1878*



REMARKS. Weather is clear in the western and southern parts of France but is cloudy and dull elsewhere, with rain at Oxford, Valencia and many of the Scotch stations and fog in the east of England. Rain fell in many parts of the country yesterday - heavily at Portishead and in the east of Scotland, while slight thunderstorms occurred in some parts of England. Temperature is very little changed; it varies from 62° in the south west to 53° at Thurso; during yesterday the thermometer in the shade reached 72° at Paris and 73° in London, but elsewhere the maxima varied between 60° and 70° . Wind is generally W in direction, but draws into S at our northeastern stations, and into N in the west and south of France. In some parts of Scotland and at Skerries it blows freshly. Sea is moderate to slight generally.

Barometrical Indications Pressure is increasing slightly in the south of England and the north and west of France but is decreasing elsewhere - notably in the north east of Scotland. It is highest over the Bay of Biscay, and lowest near the Shetlands.

Warnings The South Cone was hoisted in Scotland yesterday but has been lowered again today.

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R. H. SCOTT.
Secretary.

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R. H. SCOTT.
Secretary

DAILY WEATHER REPORT SEPT^r 10th 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).		Heading 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 ...	29.83	58	Z	0	0	29.65	-29	55	55	0	S	6	0	*	55	50	0.12		
Hernösand ...	29.78	59	S	4	C	29.75	-22	56	57	-2	WN	4	0	*	*	*	-		
Stockholm ...	29.89	70	S	4	B	29.84	-16	61	59	+1	SSW	4	0	*	*	*	-		
Wisby ...	29.94	55	SE	2	B	29.89	-06	63	60	+1	N	2	0	*	*	*	-		
Christiansund ...	29.63	54	WSW	7	A	29.80	+12	51	49	-6	SW	3	0	5	59	46	?		
Skudesnaes ...	29.84	57	NW	6	0	29.04	+18	57	52	-3	WNW	4	C	4	61	57	-		
Oxö (Klansand) ...	29.84	62	SW	5	0	29.94	-04	57	50	-1	WNW	6	B	3	62	50	-		
Skagen (The Seaw) ...	29.88	62	SW	2	0	29.91	-06	60	55	0	WNW	4	B	4	66	55	0.04		
Fanö ...	29.95	62	N	3	0	30.02	+04	62	57	+1	NNW	4	B	*	66	59	-		
Cuxhaven ...	29.98	67	NNW	1	M	30.07	+06	64	63	+2	WN	2	C	*	68	61	-		
Sumburgh Head ...	29.76	55	N	3	be	29.96	+37	53	50	-2	WNW	2	0	3	58	49	0.25		
Stornoway ...	29.93	56	WSW	5	be	30.01	+28	55	54	+1	S	4	A	4	58	50	0.02		
Thurso ...	29.95	55	WNW	3	be	30.05	+35	53	52	0	WSW	2	0	3	60	48	0.02		
Wick ...	29.96	52	N	1	be	30.04	+35	56	52	+2	N	3	0	0	62	48	0.01		
Nairn ...	29.99	56	N	2	be	30.14	+45	55	51	-1	SW	3	be	2	65	50	0.01		
Aberdeen ...	29.97	60	NNW	2	B	30.11	+38	55	52	-2	WSW	1	C	1	63	45	0.03		
Leith ...	30.02	60	WN	2	be	30.04	+28	56	54	-5	WN	1	be	*	71	48	-		
Shields ...	30.03	60	NE	1	E	30.19	+30	56	51	-5	WNW	3	B	1	68	44	-		
Scarborough ...	30.01	63	NNW	2	C	30.20	+26	56	52	-4	NNW	1	C	2	66	53	-		
York ...	30.02	64	N	1	C	30.21	+25	57	49	-8	NNW	1	B	*	68	45	-		
Nottingham ...	30.08	64	WNW	2	C	30.25	+23	57	54	-4	Z	0	bu	*	71	42	-		
Ardrossan ...	30.05	60	WNW	3	B	30.17	+35	59	54	0	WSW	3	0	3	63	58	0.01		
Greencastle ...	30.09	60	N	2	0	30.15	+26	56	53	0	SW	2	0	*	63	57	-		
Donaghadee ...	30.10	60	WN	3	C	30.20	+32	55	53	-5	N	2	B	1	65	49	-		
Kingstown ...	30.13	62	WN	5	be	30.25	+30	54	51	-7	Z	0	B	1	65	53	-		
Holyhead ...	30.11	59	N	2	B	30.23	+25	55	52	-5	SSW	1	B	0	64	57	0.06		
Liverpool (Bidston) ...	30.09	59	WN	2	B	30.23	+27	57	52	-4	ESE	1	M	1	63	54	0.04		
Valencia ...	30.18	61	NNW	3	B	30.23	+20	57	55	-5	Z	0	bu	3	66	47	-		
Roche's Point ...	30.17	63	NNW	4	be	30.23	+19	56	53	-6	NNW	1	be	2	68	57	-		
Pembroke ...	30.17	62	WN	3	C	30.24	+20	56	54	-6	NE	1	bu	1	63	?	-		
Portishead ...	30.09	62	WSW	3	0	30.25	+20	57	54	-5	WNW	2	B	1	67	57	-		
Scilly ...	30.16	62	N	5	0	30.23	+09	64	62	+2	Z	0	C	4	65	61	0.02		
Plymouth ...	30.14	65	N	2	0	30.22	+12	61	60	0	Z	0	C	*	70	58	0.01		
Hurst Castle ...	30.09	66	WNW	4	0	30.21	+13	59	56	-2	NE	3	B	2	69	55	-		
Dover ...	30.08	65	WSW	2	A	30.19	+15	59	56	0	WN	2	be	1	68	58	0.01		
London ...	30.08	67	N	2	0	30.20	+16	55	51	-4	WNW	1	B	*	68	50	-		
Oxford ...	30.07	63	N	2	0	30.22	+18	55	57	-3	WN	3	B	*	68	49	-		
Cambridge ...	30.04	64	SW	1	0	30.20	+17	55	52	-4	Z	0	0	*	68	49	-		
Yarmouth ...	30.04	64	WSW	2	C	30.16	+16	61	58	+3	NNE	3	bu	3	67	54	0.01		
The Helder ...	*	*	*	*	*	30.11	+13	64	61	0	WN	1	C	*	*	*	-		
Cape Gris Nez ...	30.10	64	WNW	3	0	30.19	+13	61	57	+2	N	3	0	2	68	59	-		
Jersey ...	30.20	62	WNW	3	B	30.25	+10	64	63	+3	WN	2	cm	2	67	60	-		
Brest ...	30.06	?	NNW	1	0	30.25	+06	63	61	+4	WN	1	0	2	68	57	-		
L'Orient ...	30.21	64	WN	3	B	30.28	+08	59	57	0	E	1	C	?	72	?	0.24		
Rochefort ...	30.24	70	WN	4	B	30.21	+05	59	57	0	E	3	B	3	75	57	-		
Biarritz ...	30.19	70	NNW	3	B	30.19	00	61	59	-3	ESE	1	B	3	72	57	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.16	+14	61	61	0	WSW	1	B	*	70	59	-		
Charleville ...	*	*	*	*	*	30.09	+12	58	*	-1	Z	0	B	*	*	*	*		
Paris ...	30.17	66	WN	2	B	30.19	+08	60	58	0	WN	1	0	*	*	*	-		
Lyons ...	*	*	*	*	*	30.15	+10	66	*	-4	N	7	B	*	*	*	*		
Toulon ...	29.88	73	WNW	6	M	29.41	-09	70	59	-5	NE	3	B	3	?	59	-		

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

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.	A	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudesnaes ...	29.77	60	59	WSW	8	0	5	Valencia	30.13	65	60	NNW	3	be	3
Thurso	29.85	59	54	WNW	4	bu	3	Scilly	30.16	65	62	N	5	e	4
Scarborough ...	29.95	65	61	WSW	2	e	2	London	30.07	68	62	WSW	1	e	*
Greencastle ...	30.08	60	52	N	2	e	*	Rochefort ...	30.17	70	64	NNW	4	b	3
Holyhead	30.05	61	59	N	4	e	3								

Pressure is increasing slowly everywhere - most in the N. and W. The wind is veering to NW. and N.

EXPLANATION OF COLUMNS.

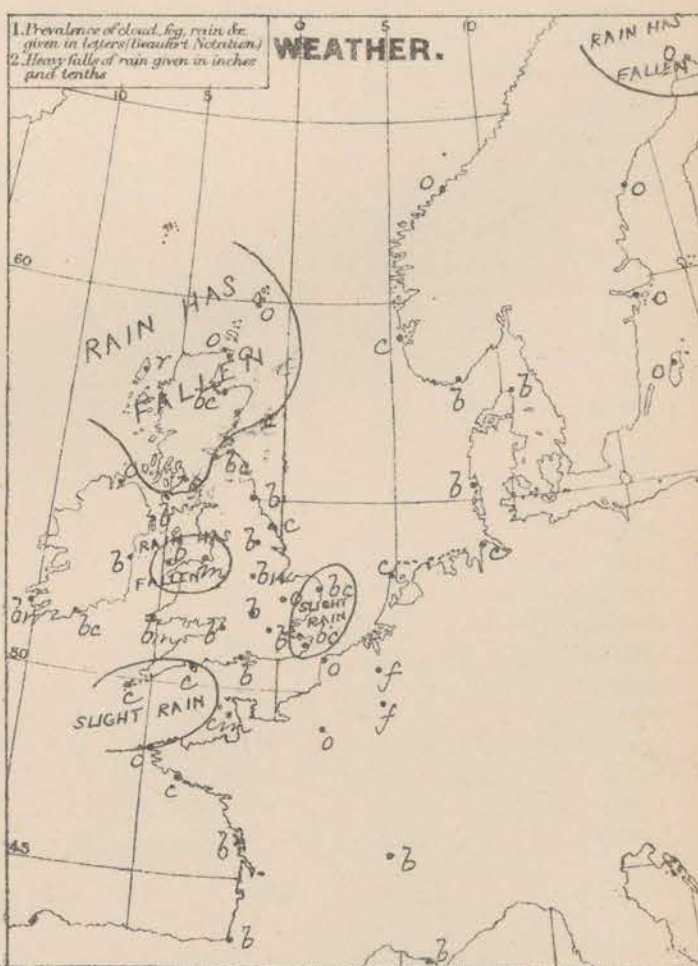
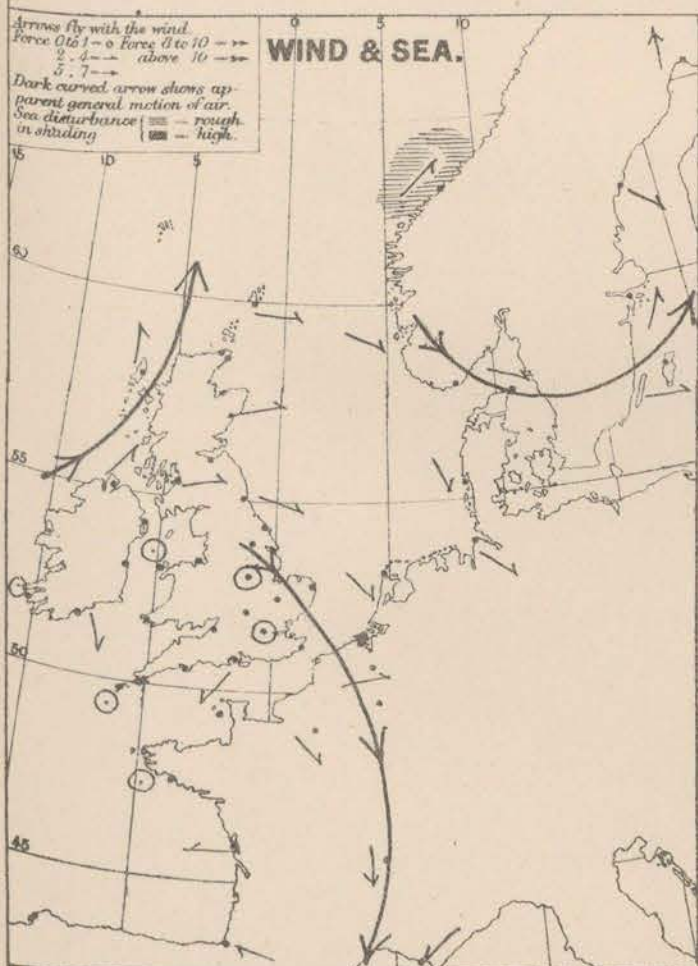
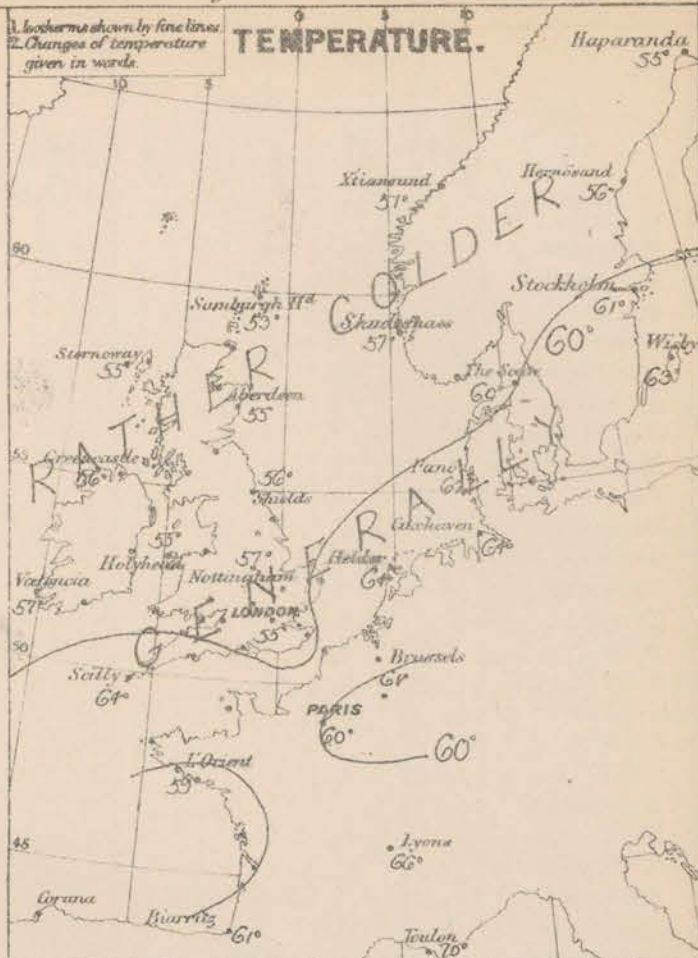
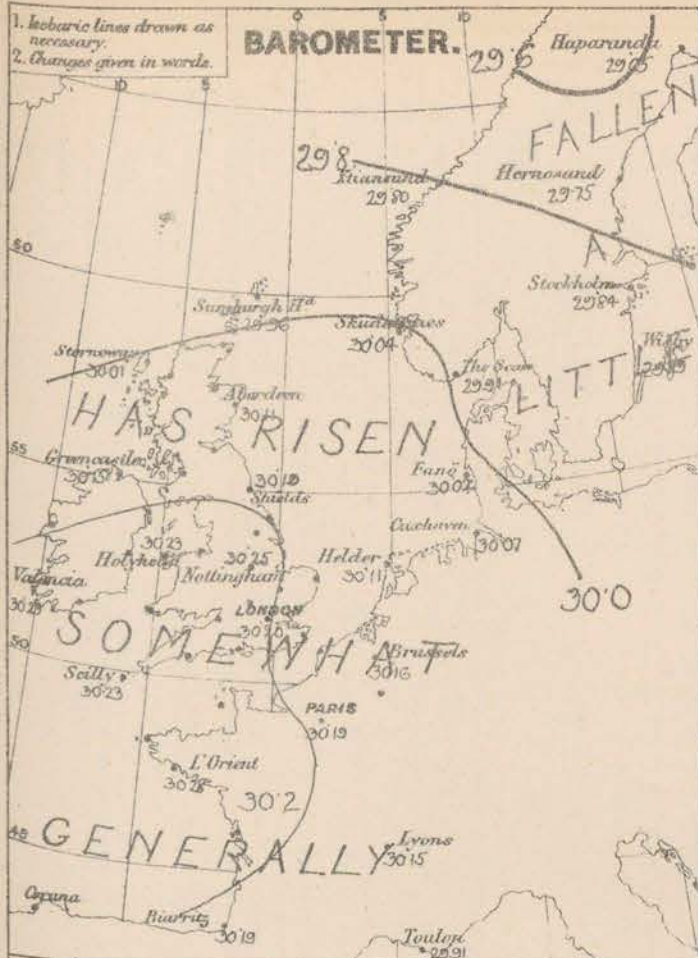
WEATHER.--Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

† The evening observations are taken at 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 Tuesday 10th SEPT^r 1873.



REMARKS. Weather is fine and bright over England, the greater part of Ireland, the east of Scotland and Denmark, but is more or less cloudy elsewhere; mist is reported from Liverpool, and rain from Stornoway. Light showers fell in many parts of the kingdom yesterday. Temperature is a few degrees lower at most stations than it was yesterday; it varies over these Islands from 64° at Lillie to 53° at Thurso. The maximum at Lillie and Nottingham yesterday was 71° but elsewhere the highest shade temperatures varied between 58° and 70°. Winds are light on all coasts; it is S. to SW at most of the Scotch stations and in the Baltic, but is N. to NW in other parts of our Islands and over the North Sea and north of France, while at Lyons a fresh N. breeze is reported. Sea is moderate to smooth.

Barometrical Indications. Pressure is decreasing slowly both in Sweden and the west of France, but is increasing elsewhere; on our north west coasts, however, the barometer is apparently becoming unsteady again. Readings are high and uniform over England, the south of Ireland and the Bay of Biscay, and low in the north of Sweden and over the Mediterranean.

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT SEPTE 11TH 1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 320 P.M. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 320 P.M. and Sea Level.	SHADE TEMP.			WIND.	Force. (0 to 13).	Weather.	Sea. (0 to 3).	SHADE TEMP.			Max.	Min.	Amount of Rainfall.
			Dir.	Force. (0 to 13).			Dry.	Wet.	Difference from 8 a.m. yesterday.										
Haparanda ...	29.73	46	Z	0	b	29.80	+1.5	43	41	+12	nr	2	b	*	58	34	-	-	-
Hernösand ...	29.92	49	Z	0	c	30.01	+2.6	51	46	-5	Z	0	b	*	*	*	-	-	-
Stockholm ...	29.95	55	N	4	c	30.03	+1.9	57	54	-4	Z	0	b	*	*	*	0.98	-	-
Wisby ...	29.89	58	nr	4	b	30.00	+1.1	60	57	-3	nr	6	b	*	*	*	-	-	-
Christiansund ...	29.94	50	sw	3	o	29.86	+0.6	52	49	+1	s	4	o	3	54	45	0.32	-	-
Skudesnaes ...	30.10	57	nr	4	o	30.08	+0.4	59	55	+4	ssw	6	o	3	57	51	-	-	-
Oxö (Ålansand) ...	30.09	58	w	4	b	30.16	+2.2	56	52	-1	w	2	o	1	63	52	-	-	-
Skagen (The Scaw) ...	30.07	59	nr	4	b	30.15	+2.4	59	53	-1	nr	4	o	3	63	54	-	-	-
Fanö ...	30.21	57	nr	2	c	30.25	+2.3	60	56	-2	w	4	c	*	64	54	-	-	-
Cuxhaven ...	30.19	64	r	2	b	30.32	+2.5	62	60	-2	sr	1	b	*	66	54	-	-	-
Sumburgh Head ...	30.00	54	ssw	3	a	29.83	-1.3	55	55	+2	sw	6	a	6	57	51	0.21	-	-
Stornoway ...	29.96	57	s	5	c	29.92	-0.9	60	59	+5	ssw	6	c	6	60	51	0.12	-	-
Thurso ...	30.04	57	sw	2	o	29.90	-1.5	62	59	+9	w	2	c	3	64	52	0.01	-	-
Wick ...	30.04	57	sw	2	c	29.92	-1.2	59	57	+3	sw	2	b	o	63	54	-	-	-
Nairn ...	30.07	57	sw	1	bc	29.98	-1.6	61	56	+6	sw	4	bc	2	64	55	-	-	-
Aberdeen ...	30.10	61	ssw	1	c	30.06	-0.5	58	55	+3	s	3	bc	1	64	54	-	-	-
Leith ...	30.16	59	nr	1	bc	30.10	+0.6	62	58	+6	nr	4	bc	*	64	52	-	-	-
Shields ...	30.21	61	nr	1	b	30.20	+0.1	58	54	+2	ssw	2	b	1	65	49	-	-	-
Scarborough ...	30.23	59	s	2	c	30.24	+0.4	57	53	+1	sw	1	b	1	60	53	-	-	-
York ...	30.24	61	s	1	bc	30.27	+0.6	57	49	0	s	1	b	*	64	46	-	-	-
Nottingham ...	30.25	59	Z	0	b	30.29	+0.4	56	54	-1	Z	0	bc	*	72	43	-	-	-
Arrossan ...	30.16	60	ssw	3	a	30.12	-0.5	59	57	0	ssw	3	o	4	63	53	-	-	-
Greencastle ...	30.12	62	s	2	o	30.09	-0.6	59	54	+3	ssw	2	o	*	66	53	-	-	-
Donaghadee ...	30.19	60	ssw	2	bc	30.17	-0.3	57	57	+2	s	1	b	o	65	52	-	-	-
Kingstown ...	30.22	64	ssw	3	b	30.21	-0.4	58	56	+4	Z	0	bc	1	64	53	-	-	-
Holyhead ...	30.25	59	ssw	2	b	30.23	-0.0	59	57	+4	ssw	3	b	2	64	55	-	-	-
Liverpool (Bidston) ...	30.25	60	Z	0	b	30.24	+0.1	60	54	+3	ssw	1	b	1	64	50	-	-	-
Valencia ...	30.20	61	ssw	2	c	30.18	-0.5	61	59	+4	ssw	3	o	3	66	56	0.06	-	-
Roche's Point ...	30.24	66	s	2	bc	30.22	-0.1	62	59	+6	sw	2	o	2	70	55	-	-	-
Pembroke ...	30.23	64	se	1	b	30.24	-0.0	59	58	+3	s	1	bc	2	65	52	-	-	-
Portishead ...	30.23	63	nr	1	b	30.25	0.0	53	51	-4	nr	1	bc	1	69	47	-	-	-
Seilly ...	30.24	65	Z	0	bc	30.22	-0.1	63	61	-1	ssw	3	o	3	70	60	-	-	-
Plymouth ...	30.24	62	s	1	bc	30.26	+0.4	56	54	-5	s	1	b	*	70	50	-	-	-
Hurst Castle ...	30.23	67	w	3	b	30.26	+0.5	58	57	-1	nr	2	bc	2	70	47	-	-	-
Dover ...	30.23	63	Z	0	bc	30.27	+0.8	63	60	+4	E	1	b	o	67	54	-	-	-
London ...	30.23	66	nr	1	bc	30.27	+0.7	53	53	-2	Z	0	bc	*	69	49	-	-	-
Oxford ...	30.23	66	Z	0	b	30.23	+0.6	50	49	-5	Z	0	b	*	66	46	-	-	-
Cambridge ...	30.22	63	Z	0	bc	30.27	+0.7	53	51	-2	Z	0	m	*	71	45	-	-	-
Yarmouth ...	30.26	62	nr	2	b	30.30	+1.4	60	57	-1	Z	0	b	1	65	58	-	-	-
The Helder ...	*	*	*	*	*	30.30	+1.9	59	55	-5	nr	1	b	*	*	*	-	-	-
Cape Gris Nez ...	30.25	63	nr	2	bc	30.28	+0.9	63	61	+2	nr	1	m	o	70	55	-	-	-
Jersey ...	30.27	64	Z	0	b	30.29	+0.4	64	61	0	E	2	bc	2	70	56	-	-	-
Brest ...	30.27	?	r	2	o	30.25	0.0	55	55	-8	E	2	m	2	66	58	0.04	-	-
L'Orient ...	30.25	64	nr	3	bc	30.24	-0.4	59	59	0	nr	3	b	2	73	55	-	-	-
Rocheport ...	30.18	73	nr	4	b	30.19	-0.2	61	59	+2	nr	4	b	4	77	54	0.16	-	-
Biarritz ...	30.13	70	nr	4	b	30.06	-1.3	61	57	0	E	3	b	3	70	55	-	-	-
Corunna ...	*	*	*	*	*	30.29	+1.3	55	55	-6	r	1	f	*	71	55	-	-	-
Brussels ...	*	*	*	*	*	30.19	+1.0	52	52	-6	ssw	1	f	*	*	*	-	-	-
Charleville ...	*	*	*	*	*	30.26	+0.7	59	58	-1	nr	1	b	*	*	*	-	-	-
Paris ...	30.21	68	nr	2	b	30.18	+0.3	66	66	0	r	2	o	*	*	*	-	-	-
Lyons ...	*	*	*	*	*	30.04	+1.3	73	59	+3	nr	3	m	3	81	70	-	-	-
Toulon ...	29.96	75	r	3	b	30.04	+1.3	73	59	+3	nr	3	m	3	81	70	-	-	-

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...						Valencia ...	30.21	66	59	ssw	2
Thurso ...	30.05	62	56	nr	3	Scilly ...	30.24	69	65	Z	2
Scarborough ...	30.23	59	55	E	1	London ...	30.24	65	59	w	1
Greencastle ...	30.18	61	54	sw	2	Rocheport ...					
Holyhead ...	30.26	62	58	ssw	2						

Pressure is now giving way slowly at Valencia, but elsewhere there is no important change.

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT SEPT^R 12TH 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 5 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.		
Haparanda ...	29.77	50	S	2	b	29.38	-4.2	51	51	+8	S	6	h	*	57	43	-	
Hernösand ...	29.80	55	S	6	c	29.51	-5.0	56	52	+5	Z	0	h	*	*	*	-	
Stockholm ...	29.99	54	SW	4	c	29.74	-2.9	60	56	+3	SW	6	o	*	*	*	-	
Wisby ...	30.01	62	WN	6	b	29.91	-0.9	59	56	-1	WNW	9	be	*	*	*	-	
Christiansund ...	29.69	51	WSW	6	h	29.58	-2.8	48	46	-4	SW	2	h	2	54	43	22.57	
Skudesnaes ...	29.97	61	WSW	6	o	29.71	-3.7	60	57	+1	SW	6	o	h	61	50	-	
Oxö (Xtiansand) ...	30.08	61	WSW	6	c	29.77	-3.9	60	58	+4	WSW	6	h	3	63	57	-	
Skagen (The Seaw) ...	30.10	59	WSW	6	be	29.88	-2.7	58	56	-1	SW	6	o	6	64	52	-	
Fanö ...	30.21	59	WSW	4	b	30.03	-2.2	63	60	+3	WSW	4	c	*	66	57	-	
Cuxhaven ...	30.39	63	NNE	1	b	30.09	-2.3	58	57	-4	SW	1	h	*	63	48	-	
Sumburgh Head ...	29.80	56	SW	6	h	29.83	0.0	52	47	-3	NNW	8	c	4	61	43	0.30	
Stornoway ...	29.81	60	S	7	o	29.93	+0.6	51	50	-9	W	4	h	3	63	46	0.34	
Thurso ...	29.85	62	WSW	5	o	29.95	+0.5	54	49	-8	WNW	5	c	4	68	49	0.35	
Wick ...	29.86	61	W	3	o	29.92	0.0	52	49	-7	W	3	c	0	65	?	0.08	
Nairn ...	29.93	61	SW	4	o	30.01	+0.3	52	49	-9	WN	2	h	2	69	50	0.33	
Aberdeen ...	29.99	64	SSW	4	be	29.94	-1.2	51	49	-7	NNW	3	be	1	69	50	0.14	
Leith ...	30.05	63	WSW	4	be	29.97	-1.3	53	51	-9	N	2	h	*	70	52	0.08	
Shields ...	30.13	62	WSW	2	b	29.91	-2.9	58	57	0	WN	2	h	1	72	55	-	
Scarborough ...	30.16	?	SSW	1	be	29.95	-2.9	58	56	+1	WSW	3	o	2	68	54	-	
York ...	30.16	65	S	2	b	29.99	-2.8	58	56	+7	S	3	o	*	72	49	-	
Nottingham ...	30.20	64	S	1	b	30.04	-2.5	58	57	+2	SSW	4	o	*	74	47	-	
Ardrossan ...	30.07	61	SSW	4	c	30.02	-1.0	54	50	-5	WN	6	h	5	64	53	0.22	
Greencastle ...	30.07	65	SW	2	c	30.11	+0.2	55	51	-4	WN	2	h	*	68	50	0.13	
Donaghadee ...	30.13	61	SW	2	be	30.11	-0.6	55	52	-2	WN	5	h	3	66	52	0.10	
Kingstown ...	30.18	65	SW	1	c	30.13	-0.3	56	53	-2	WN	5	h	5	66	55	0.03	
Holyhead ...	30.20	61	SSW	2	b	30.11	-1.2	55	54	-4	NNW	6	h	4	66	55	0.14	
Liverpool (Bidston) ...	30.19	64	WN	1	b	30.05	-1.9	55	53	-5	W	7	h	3	69	?	0.06	
Valencia ...	30.18	63	SSW	3	c	30.23	+1.0	60	55	-1	NNE	3	be	3	67	56	0.03	
Roche's Point...	30.23	66	SSW	3	c	30.24	+0.2	58	55	-4	N	5	c	4	69	57	-	
Pembroke ...	30.21	64	S	1	b	30.15	-0.9	61	60	+2	W	4	c	3	66	54	-	
Portishead ...	30.21	63	Z	0	b	30.12	-1.3	62	60	+9	WSW	5	c	4	70	50	-	
Scilly ...	30.23	62	SSE	2	be	30.23	+0.1	61	60	-2	WN	1	c	3	66	59	-	
Plymouth ...	30.23	63	S	2	b	30.19	-0.7	62	60	+6	W	2	om	*	69	54	-	
Hurst Castle ...	30.22	67	WSW	2	b	30.16	-1.0	61	60	+3	WN	3	c	2	71	54	-	
Dover ...	30.24	63	E	1	b	30.12	-1.5	65	60	+2	WSW	2	be	1	66	56	-	
London ...	30.22	68	WSW	1	be	30.15	-1.2	59	56	+4	SW	1	h	*	75	50	-	
Oxford ...	30.20	65	SSW	1	b	30.10	-1.8	59	57	+9	SW	3	h	*	70	49	-	
Cambridge ...	30.22	65	SW	1	m	30.07	-2.0	59	57	+6	SW	1	be	*	74	50	-	
Yarmouth ...	30.24	64	SSE	3	b	30.07	-2.3	58	57	-2	W	2	h	1	66	53	-	
The Helder ...	*	*	*	*	*	30.05	-2.5	63	60	+4	SW	1	h	*	*	*	-	
Cape Gris Nez ...	30.25	63	SSE	1	m	30.13	-1.5	63	59	0	W	2	m	1	72	61	-	
Jersey ...	30.24	65	NE	1	b	30.22	-0.7	65	60	+1	N	3	be	3	71	58	-	
Brest ...	30.25	?	N	2	b	30.23	-0.2	59	57	+4	NE	2	h	2	70	54	-	
L'Orient ...	30.19	66	NW	1	b	30.21	-0.3	63	59	+4	ESE	1	h	1	77	57	-	
Rochefort ...	30.07	73	ESE	3	b	30.13	-0.6	63	61	+2	NE	4	m	3	?	57	-	
Biarritz ...	30.05	70	NNE	1	b	30.11	+0.5	64	61	+3	SSW	3	h	3	73	59	-	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	30.11	-1.8	60	58	+5	SSW	1	h	*	71	50	-	
Charleville ...	*	*	*	*	*	29.97	-2.2	52	*	0	ESE	1	h	*	*	*	-	
Paris ...	30.19	71	ESE	3	b	30.14	-1.2	59	57	0	N	2	h	*	*	*	-	
Lyons ...	*	*	*	*	*	30.13	-0.5	66	*	0	N	4	h	*	*	*	-	
Toulon ...	30.10	75	E	3	b	30.11	+0.7	82	64	+9	NE	2	h	3	84	70	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.03	62	58	SSW	6	o	3	Valencia	30.18	66	60	SSW	2	c	3
Thurso	29.90	65	59	WSW	6	o	4	Scilly	30.24	66	64	SSE	2	o	8
Scarborough ...	30.19	68	61	SW	2	b	2	London	30.25	70	62	SSE	1	b	*
Greencastle ...	30.08	64	61	SW	2	c	*	Rochefort ...	30.11	84	72	ENE	4	b	3
Holyhead	30.23	65	62	SSW	3	b	2								

Pressure is changing irregularly and the general distribution is not much changed.

EXPLANATION OF COLUMNS.

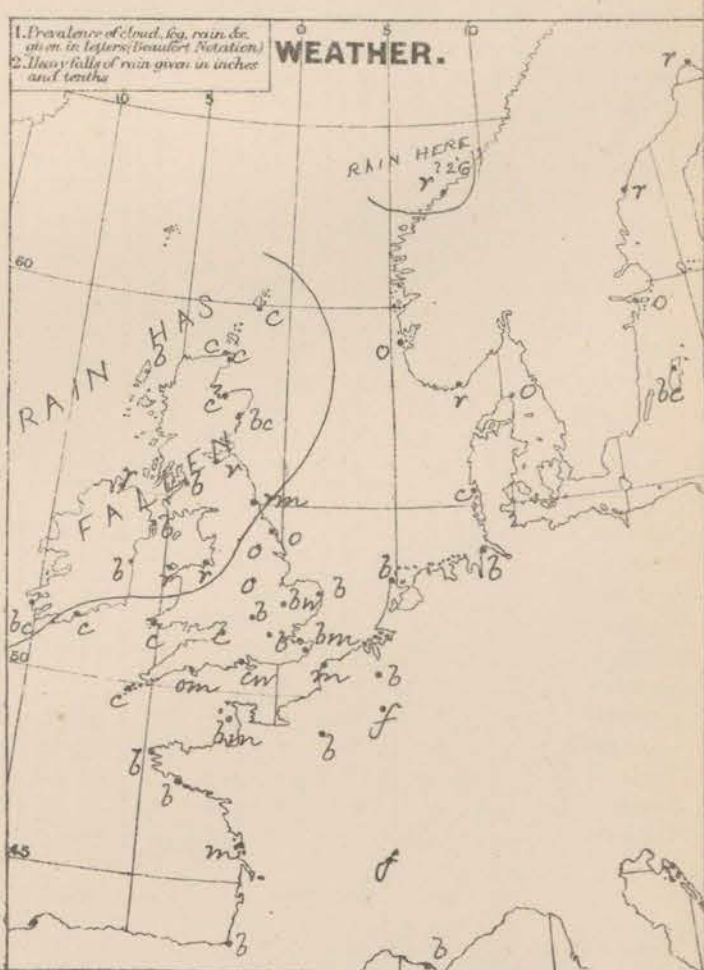
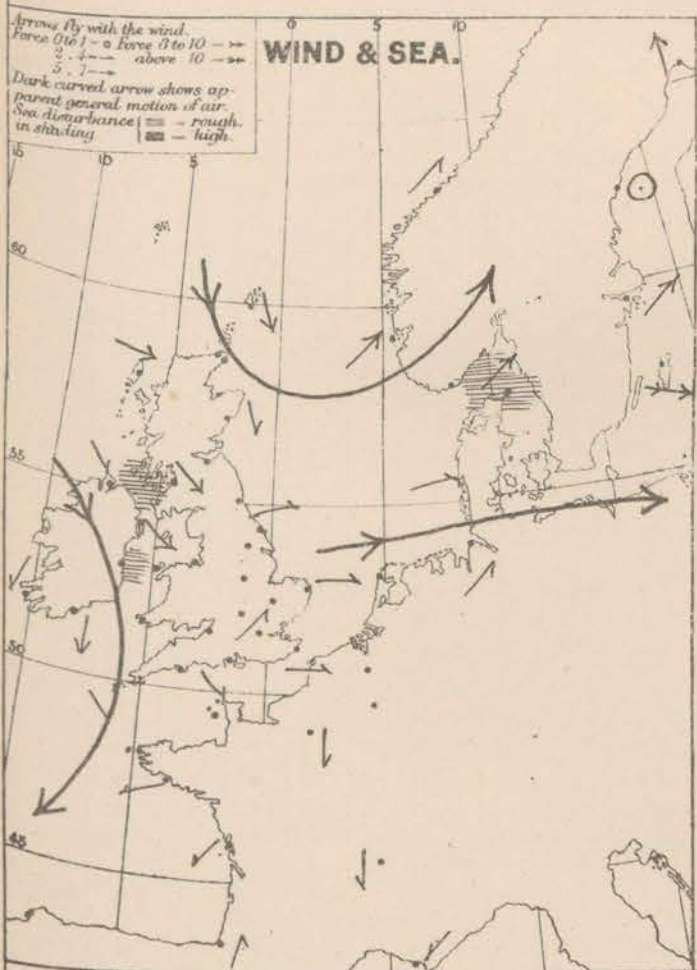
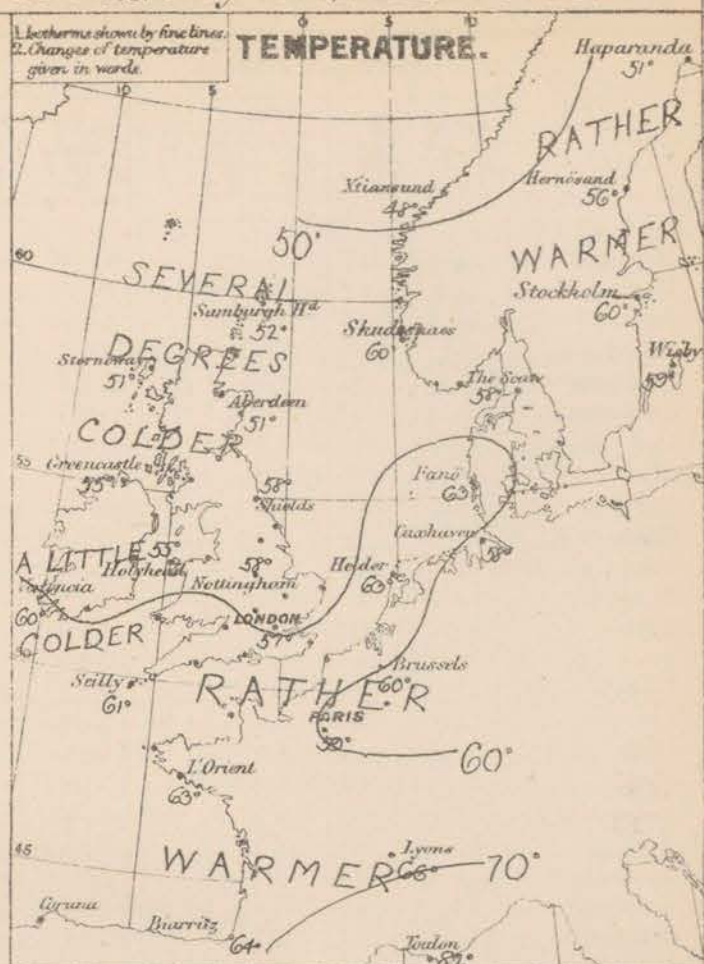
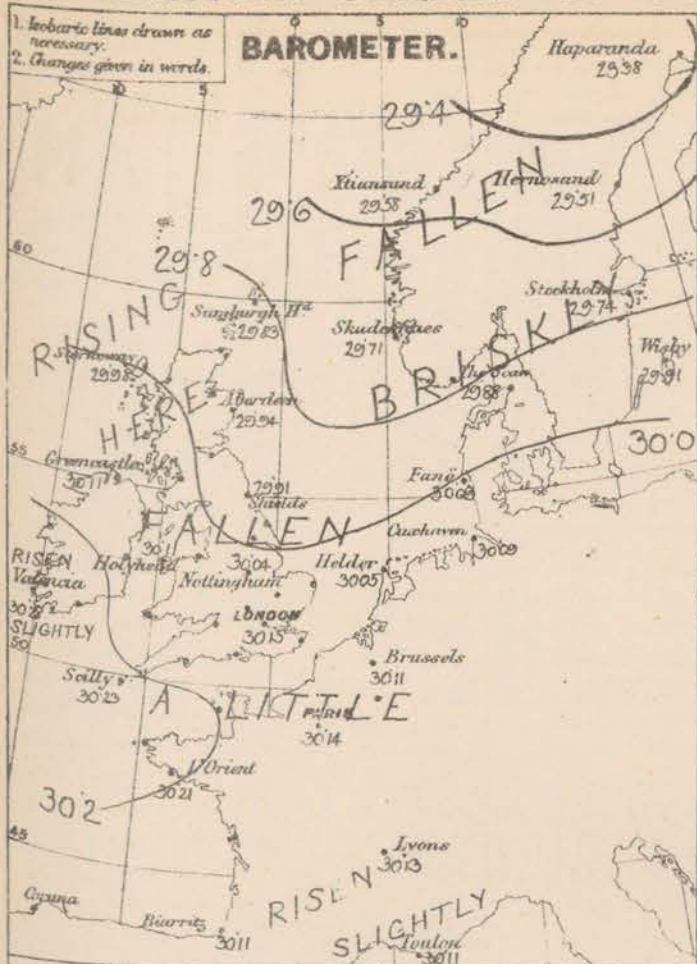
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 12TH SEPT^R 1878



REMARKS. Weather is dull and wet at all our north western and north eastern stations as well as over Sweden and Norway, but is fine and dry over the remainder of our Islands and France. Night mist prevails over the Channel. Some rain has fallen in the north and north west, and a large amount is reported from Christiansund. Temperatures have risen several degrees over the Central and southern parts of England and slightly at most of the French stations but has fallen over Ireland and Scotland - briskly in the north; at present it varies from 65° at Dover to 51° at Stornoway. Wind is SW. and fresh or strong in force over the Skagerrack and Scandinavia, and light from the same quarter in the south east of England, but elsewhere it has shifted to NW. or N; at some of our western stations it blows fresh. Sea is moderate to smooth.

Barometrical Indications. Pressure has given way briskly over the North Sea and its neighbourhood, but has risen somewhat on our western coasts, and in the west of France. It is highest to the SW. of these Islands and lowest over the north of Sweden, but some small local disturbances are shown between the Scotch and Norwegian coasts.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEPT^R 13TH 1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 320 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 8 A.M. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 A.M. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	29.29	43	N	2	bc	29.07	-31	42	40	-9	N	4	bc	*	55	36	0.24		
Hernösand ...	29.55	43	WNW	4	b	29.65	+14	46	43	-10	SW	2	c	*	*	*	0.16		
Stockholm ...	29.61	51	WSW	4	r	29.79	+05	49	46	-11	Z	0	b	*	*	*	0.08		
Wisby ...	29.72	62	NW	8	0	29.78	-13	56	52	-3	NNE	6	bc	*	*	*	-		
Christiansund ...	29.69	49	SEE	1	r	29.47	-11	55	51	+7	SW	7	c	4	55	45	0.43		
Skudesnaes ...	29.84	54	NW	4	bc	29.86	+15	55	52	-5	N	6	r	3	61	54	0.08		
Oxö (Xtiansand) ...	29.78	57	WNW	6	b	29.89	+12	53	49	-7	SW	4	b	2	61	48	-		
Skagen (The Seaw) ...	29.76	59	WNW	6	b	29.85	-03	57	57	-1	WNW	3	b	3	66	48	-		
Fanö ...	29.89	57	NW	3	b	29.98	-05	60	55	-3	WNW	3	b	*	66	50	-		
Cuxhaven ...	29.97	67	NW	1	b	29.97	-12	59	56	+8	NE	3	bc	*	68	55	-		
Sundburgh Head ...	29.91	52	N	5	bc	29.74	-09	54	53	+2	N	5	r	5	57	50	0.13		
Stornoway ...	30.00	58	SW	6	c	29.85	-13	54	54	+8	S	6	r	5	56	50	0.09		
Thurso ...	30.00	53	WNW	4	c	29.85	-09	56	54	+2	WSW	3	c	4	59	48	-		
Wick ...	29.99	52	NW	2	c	29.85	-07	56	52	+4	SW	4	c	2	60	50	-		
Nairn ...	30.07	58	NW	2	bc	29.90	-11	56	52	+4	S	5	bc	2	63	51	-		
Aberdeen ...	30.05	58	WNW	2	b	29.93	-01	53	57	+2	Z	0	bc	1	61	58	-		
Leith ...	30.09	58	WNW	2	b	29.99	+02	57	54	+4	N	4	b	*	68	50	0.02		
Shields ...	30.10	56	NE	3	b	30.06	+15	55	52	-3	WNW	2	b	2	58	45	0.06		
Scarborough ...	30.08	55	WNW	5	b	30.09	+14	54	50	-4	N	2	b	3	63	46	0.32		
York ...	30.11	54	N	1	b	30.12	+13	49	47	-9	SW	1	b	*	59	41	0.08		
Nottingham ...	30.14	53	NW	1	b	30.15	+11	56	53	-2	WNW	1	bc	*	62	38	0.05		
Ardrossan ...	30.15	58	WNW	5	bc	30.05	+03	58	54	+4	WSW	3	b	3	61	54	-		
Greencastle ...	30.24	57	WNW	2	b	30.07	-04	55	52	0	N	2	bc	*	61	49	0.06		
Donaghadee ...	30.20	58	N	4	b	30.12	+01	52	50	-3	N	3	b	2	60	46	-		
Kingstown ...	30.25	60	NW	5	bc	30.21	+03	55	51	-1	N	4	b	3	61	52	-		
Holyhead ...	30.23	57	WNW	4	b	30.20	+09	55	52	0	N	4	b	3	59	53	0.03		
Liverpool (Bidston) ...	30.17	56	WNW	2	b	30.15	+10	57	52	+2	WNW	2	bc	1	61	52	0.07		
Valencia ...	30.33	59	WNW	2	bc	30.23	-05	57	53	-3	Z	0	bc	2	64	46	-		
Roche's Point ...	30.30	61	N	4	bc	30.25	+01	52	49	-6	WNW	2	b	2	64	49	-		
Pembroke ...	30.24	57	N	1	bc	30.21	+06	57	51	-4	-S	0	b	1	61	51	-		
Portishead ...	30.15	59	WNW	3	b	30.19	+07	55	51	-7	WNW	2	bc	1	68	46	-		
Scilly ...	30.25	60	NE	5	c	30.24	+01	60	57	-7	Z	0	b	3	65	54	-		
Plymouth ...	30.19	60	NNE	3	c	30.22	+03	52	50	-10	N	1	bc	*	69	47	-		
Hurst Castle ...	30.13	62	N	3	b	30.17	+01	55	53	-6	N	3	b	2	68	45	-		
Dover ...	30.04	57	NW	4	bc	30.04	-08	55	51	-10	WNW	5	bc	3	69	52	-		
London ...	30.12	53	WNW	3	c	30.13	-02	54	50	-3	N	2	b	*	69	45	0.02		
Oxford ...	30.13	57	N	6	b	30.17	+07	53	50	-6	N	2	b	*	65	44	-		
Cambridge ...	30.08	55	NW	1	0	30.14	+07	51	48	-8	N	1	b	*	69	43	0.08		
Yarmouth ...	29.93	55	WNW	5	r	30.08	+01	57	54	-1	WNW	5	b	5	65	53	0.80		
The Helder ...	*	*	*	*	*	29.97	-08	61	59	-2	NNE	4	r	*	*	*	0.12		
Cape Gris Nez ...	30.06	59	WNW	5	c	30.06	-07	57	54	-6	N	7	c	5	68	54	-		
Jersey ...	30.08	63	NW	3	0	30.20	-02	59	54	-6	N	3	bc	3	68	53	-		
Brest ...	30.26	*	N	3	b	30.23	00	54	52	-5	N	2	b	2	70	50	-		
L'Orient ...	30.20	66	NNE	4	b	30.22	+01	59	57	-4	ENE	2	b	2	77	52	-		
Rochefort ...	30.12	70	NE	4	m	30.15	+02	61	59	-2	NE	4	0	2	81	57	-		
Biarritz ...	30.12	72	N	3	bc	30.12	+01	68	64	+4	N	3	bc	3	72	63	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	29.95	-16	55	53	-5	NE	2	0	*	73	53	0.16		
Charleville ...	*	*	*	*	*	29.96	-01	52	*	0	WSW	3	0	*	*	*	*		
Paris ...	30.06	65	NW	4	b	30.08	-06	58	50	-4	NW	3	0	*	*	*	*		
Lyons ...	*	*	*	*	*	30.05	-08	66	*	0	NE	2	c	*	*	*	*		
Toulon ...	30.03	75	Z	0	bc	29.96	-15	70	64	-12	SW	1	c	2	84	70	-		

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

Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes ...	29.89	57	?	NW	6	Valencia ...	30.33	63	55	N	2
Thurso ...	30.01	57	52	WNW	5	Scilly ...	30.24	62	60	NNE	5
Scarborough ...	30.00	54	52	N	9	London ...	30.08	57	55	NW	5
Greencastle ...	30.19	58	52	WNW	2	Rochefort ...	30.11	77	72	NE	4
Holyhead ...	30.20	58	53	WNW	7						

Pressure is increasing at all stations except London where it has fallen since the morning the wind has shifted to NW in the SE. and E. and has risen suddenly to a gale at Scarborough.

EXPLANATION OF COLUMNS.

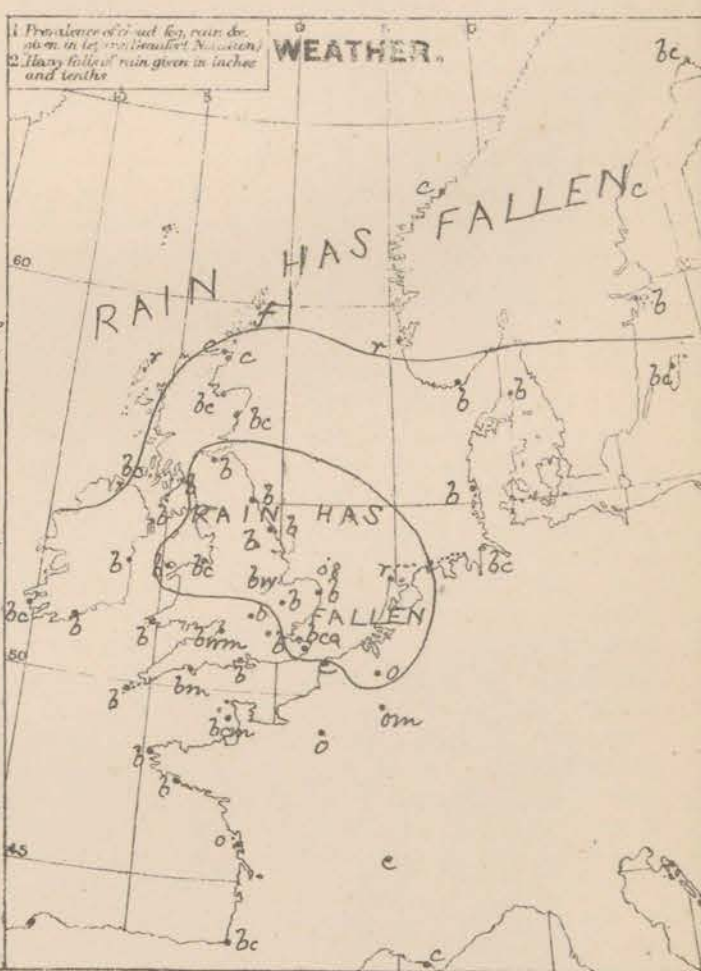
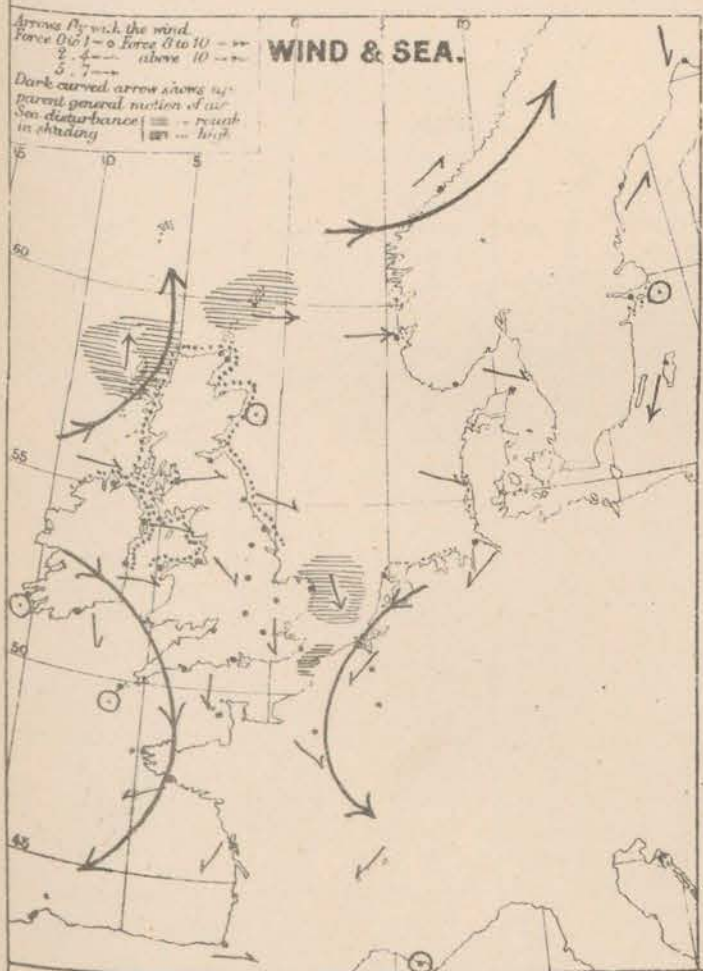
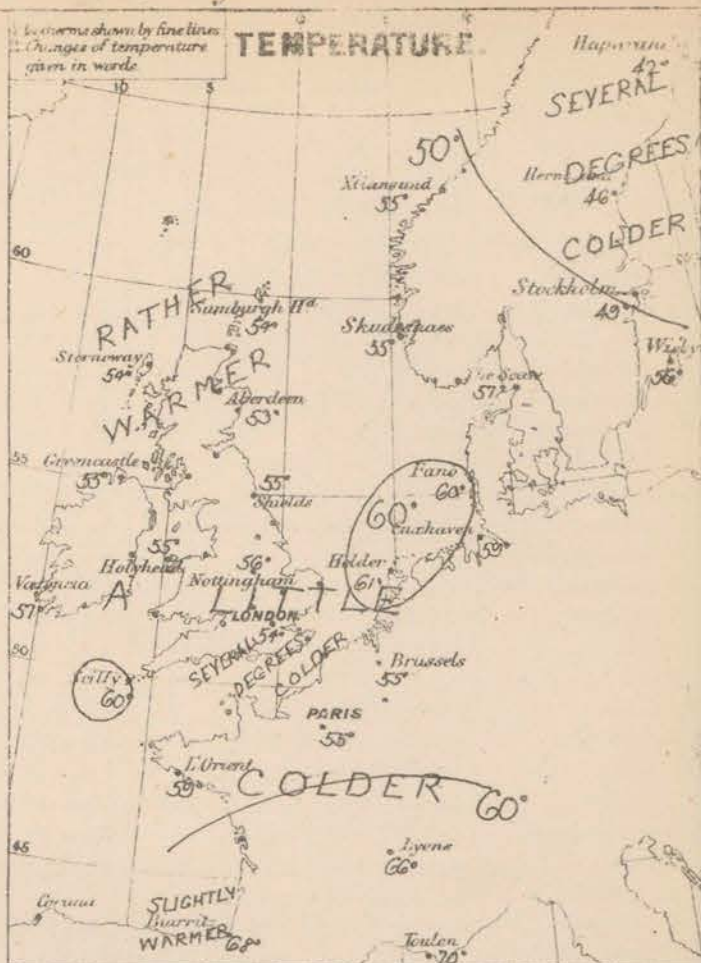
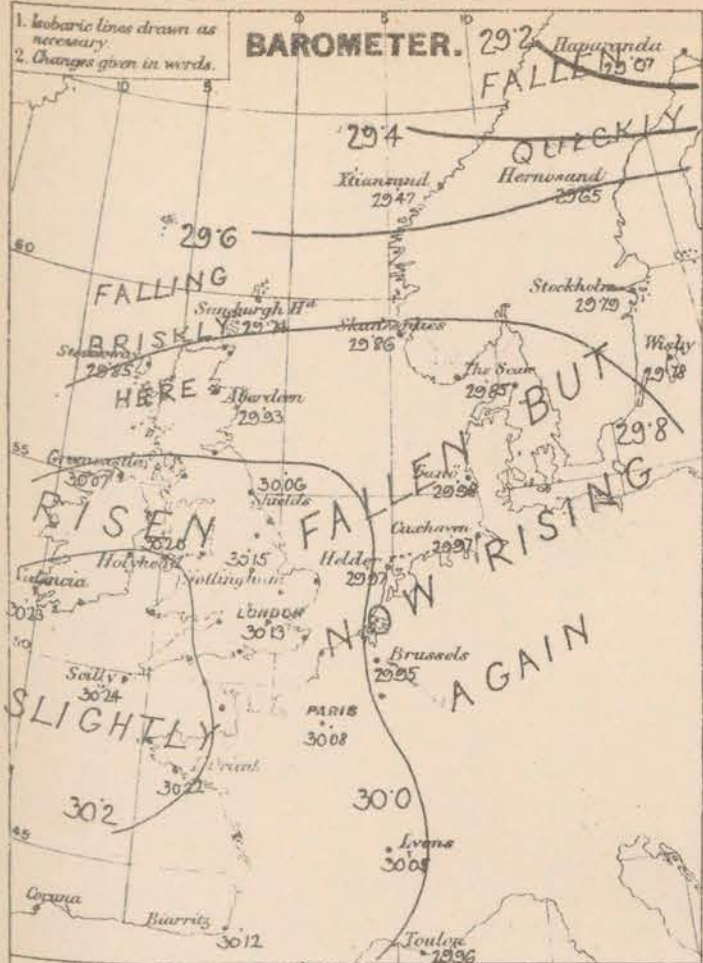
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Friday 13TH SEPT^R 1878.



REMARKS. Weather is very cloudy in the extreme north of Scotland, in many parts of Scandinavia, the Netherlands and east of France, with rain at Stornoway, Shetlands and the Helles; elsewhere the sky is nearly clear, though some mist is reported in the south west. Rain has fallen at our north western stations and along our east coast, the amounts, however, being small except at Yarmouth, where 0.80 in. has been measured. Temperature has risen in Scotland, but fallen in all other places, the change over Central and southern England varying from 5° to 10° . Temperature is very uniform over North Western Europe. Wind is N^W over the south of England, the Netherlands and France, but on all our more northern coasts it has backed - to W in most places but to S. at Stornoway and Hain; in Norway it is SW^W and strong in force. During yesterday a sharp squall passed over our eastern and south eastern stations, and in the north east of England a N^W gale was experienced for a short time. Sea is slight or smooth except off Yarmouth and the north of Scotland.

Barometrical Indications. Pressure is increasing slowly over Sweden, on the eastern shores of the North Sea and over England, but is decreasing elsewhere. It is highest off our south west coasts and lowest over the Gulf of Bothnia but a fresh disturbance apparently lies to the NWrd of Holland.

Apparently lies to the NWrd of Lizard.
 Warnings. The Earth Core was knotted on the NW, N and E last evening, but has been lowered in the southern part of the east coast this morning.
 Subscription for these Charts payable in advance to cover delivery. Delivery by hand
 1/6 per quarter, book post 5/- per quarter.

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

R. H. SCOTT.
 Secretary

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT SEPT^r 14th 1878.

STATIONS.	↑ YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12.)				Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)			Max.	Min.			
Haparanda ...	29.43	51	SW	4	b	29.45	+38	49	47	+7	S	2	e	*	41	-			
Hernösand ...	29.59	54	SSW	2	b	29.43	-22	51	50	+5	SSW	2	b	*	*	-			
Stockholm ...	29.75	55	SW	4	b	29.68	-11	58	55	+9	SW	5	b	*	*	-			
Wisby ...	29.86	58	SSW	4	b	29.80	+02	59	57	+3	WNW	6	be	*	*	-			
Christiansund ...	29.51	54	WSW	8	o	29.23	-24	49	48	-6	SE	1	o	2	55	45 0.75			
Skudeaues ...	29.78	57	SSW	4	o	29.54	-32	59	57	+4	SW	8	2	5	55	0.35			
Oxö (Ålön) ...	29.85	?	WSW	4	be	29.66	-23	58	54	+5	SW	6	2	4	61	-			
Skagen (The Seal) ...	29.84	59	WNW	6	be	29.76	-09	58	50	+1	WSW	5	be	5	64	50			
Fanö ...	29.96	55	WSW	1	be	29.88	-10	62	57	+2	WSW	4	e	*	63	54			
Cuxhaven ...	30.02	63	N	2	b	29.95	-02	59	57	0	N	1	b	*	?	52			
Sumburgh Head ...	29.65	52	SW	5	2	29.51	-23	52	49	-2	WSW	4	be	4	58	48 0.32			
Stornoway ...	29.61	57	SW	5	o	29.68	-17	54	50	0	SW	4	b	3	59	47 0.08			
Thurso ...	29.68	58	SW	3	o	29.65	-20	54	51	-2	N	5	b	5	65	53 0.18			
Wick ...	29.67	58	SW	3	o	29.67	-18	54	51	-2	SW	2	be	2	60	47 0.08			
Nairn ...	29.75	60	SSW	1	b	29.72	-18	56	56	0	S	1	b	1	64	50 0.08			
Aberdeen ...	29.78	61	SW	2	be	29.73	-20	57	53	+4	W	1	be	1	68	52			
Leith ...	29.87	58	N	4	be	29.78	-21	59	56	+2	WSW	2	b	*	68	55			
Shields ...	29.96	60	WNW	4	b	29.85	-21	61	59	+6	WSW	3	o	1	65	52			
Scarborough ...	29.98	58	WSW	1	b	29.90	-19	56	54	+2	N	2	o	2	63	50			
York ...	30.01	58	WSW	2	b	29.92	-20	58	55	+9	N	3	o	*	68	46			
Nottingham ...	30.06	57	2	0	b	29.99	-16	54	53	-2	2	0	e	*	68	43			
Ardrossan ...	29.90	59	SW	3	o	29.80	-25	59	56	+1	N	3	be	3	63	57 0.19			
Greencastle ...	29.89	59	SW	4	o	29.83	-24	57	55	+2	SSW	2	o	*	62	54 0.18			
Donaghadee ...	29.94	60	WNW	4	be	29.87	-25	58	57	+6	WSW	2	b	1	65	52 0.01			
Kingstown ...	30.06	61	WNW	4	be	29.92	-29	61	58	+6	N	4	e	3	63	54			
Holyhead ...	30.06	57	SW	2	b	29.95	-25	60	58	+5	SW	4	o	3	61	55 0.01			
Liverpool (Bidston) ...	30.05	57	WNW	1	be	29.94	-21	60	57	+3	WSW	2	o	2	60	52			
Valencia ...	30.09	60	SW	3	o	29.99	-24	61	59	+4	WSW	4	2	4	63	55 0.04			
Roche's Point ...	30.10	62	WSW	3	be	30.00	-25	61	58	+9	WSW	3	e	3	69	51			
Pembroke ...	30.16	58	N	2	b	30.01	-20	60	57	+3	N	3	e	3	61	55			
Portishead ...	30.08	60	WSW	3	be	30.01	-18	59	56	+4	WSW	4	be	3	68	49			
Seilly ...	30.15	62	2	0	be	30.09	-15	64	59	+4	WSW	4	c	3	64	57			
Plymouth ...	30.13	60	NW	2	b	30.07	-15	55	53	+3	2	0	f	*	66	47			
Hurst Castle ...	30.09	64	NW	3	b	30.05	-12	59	56	+4	NW	3	be	3	69	49			
Dover ...	30.05	61	NNE	1	b	30.01	-03	58	53	+3	NW	1	b	1	63	54			
London ...	30.07	62	NW	2	b	30.02	-10	58	52	+1	WNW	1	e	*	67	45			
Oxford ...	30.06	59	NW	1	b	30.02	-15	58	48	-3	SW	2	b	*	63	44			
Cambridge ...	30.06	58	NW	1	b	30.00	-14	53	52	+2	SW	1	o	*	68	45			
Yarmouth ...	30.05	58	NNE	1	b	29.99	-09	52	50	-5	WSW	2	b	1	62	48			
The Helder ...	*	*	*	*	*	29.97	00	61	57	0	N	1	b	*	*	0.12			
Cape Gris Nez ...	30.06	59	N	2	c	30.03	-03	59	57	+2	WNW	2	be	1	64	53			
Jersey ...	30.16	56	NNW	2	b	30.12	-08	59	54	0	NNW	2	be	2	63	52			
Brest ...	30.20	?	NNE	2	b	30.14	-09	54	52	0	E	1	b	2	66	48			
L'Orient ...	30.14	63	NNE	3	b	30.15	-07	55	54	-4	NE	3	b	2	70	50			
Rochefort ...	30.07	72	NE	3	b	30.10	-05	55	54	-6	ESE	3	b	3	81	?			
Biarritz ...	30.05	70	NNW	3	be	30.06	-06	61	57	-7	ESE	3	b	3	70	57			
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
Brussels ...	*	*	*	*	*	30.01	+06	58	57	+3	WSW	1	o	*	63	56 0.39			
Charleville ...	*	*	*	*	*	29.94	-02	46	*	-6	WNW	1	f	*	*	*			
Paris ...	30.04	58	WNW	4	o	30.06	-02	54	50	-1	NW	3	b	*	*	*			
Lyons ...	*	*	*	*	*	30.03	-02	60	*	-6	N	4	c	*	*	*			
Toulon ...	29.89	75	N	3	b	29.87	-09	64	59	-6	N	5	b	4	79	63			

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.84	57	54	W	9	o	2	Valencia	30.13	62	56	SW	3	c	4
Thurso	29.79	62	56	WSW	2	e	4	Scilly	30.21	63	57	WNW	2	b	3
Scarborough ...	30.03	60	56	NNE	1	b	2	London	30.10	64	55	NW	2	c	#
Greencastle ...	29.99	59	55	SW	3	o	#	Rochefort ...	30.10	72	63	NE	3	c	3
Holyhead	30.13	60	55	WSW	2	be	2								

Pressure is decreasing in all parts of these Islands - most in the N., and the wind remains strong from S. at Stornoway.

EXPLANATION OF COLUMNS.

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

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

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

SUMMARY OF WEATHER IN WESTERN EUROPE

from September 8th to September 14th 1878.

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

During this period no important depression has reached our coasts. On the first day readings though higher in the SW and lower in the NW than elsewhere, were very uniform generally, and light variable breezes prevailed. The next morning saw a slight depression to the NW of Scotland, giving us fresh NW winds, but this quickly passed off and a large anticyclone lay over England, Ireland and the N. of France from the 10th to the 12th, very light airs prevailing over those countries while breezes from W. were reported in the N. and from E. in the S. On the 12th the high pressure was again shown in the SW, and a small disturbance, which advanced from the NW down our E. coast, gave us a fresh NW gale in the NE. and a sharp squall elsewhere. On Friday and Saturday the barometer fell slowly generally and conditions were rather unsettled in the N. though the high pressure still held in the S. Weather has been moderately fine but temperature has changed frequently and considerably. —

SUNDAY SEPT 8th Weather cloudy or dull at our E^m and SE^m stations, but moderately clear skies elsewhere, fog at a few places. Subsequently becoming unsettled, sharp showers falling over S^m England and heavy rain in Scotland. Temperature changing very little, varying from 64° at Dover to 53° at Thurso. Wind light on all coasts in morning and variable in direction; later in the day becoming S^{ly} (except in the SE) and increasing to a fresh SSE gale at Stornoway. Sea moderate to smooth.

Barometer rising both in Norway and off our SW coasts, falling elsewhere; very uniform at 8 a.m. but moderate gradients appearing over Scotland in the evening. Readings highest to the SW^m and lowest to the NW^m of our Islands.

MONDAY SEPT 9th — Weather clear over W^m and S^m France, cloudy or dull in most other places with rain at Valentia, Oxford and many Scotch stations. Rainfall, however, very slight. Temperature rising slightly in NW and W, inclined to fall elsewhere, particularly over France; readings varying from 62° in the SW to 53° at Thurso. Wind generally W^{ly} on our coasts, but drawing into S. in Scandinavia, and into N in France; moderate or light except at some of the Scotch stations. Sea rather rough at Portishead and Harrocar.

Barometer falling generally at 8 a.m. but rising over the whole of these Islands later in the day, — briskly in the NW.

TUESDAY SEPT 10th — Weather fine and bright over Denmark, England and the greater part of Ireland and Scotland, cloudy or dull elsewhere. Rain is reported from Stornoway and from L. of L. Weather continued dry all day except in the extreme N. of Scotland. Temperature rather lower generally — very uniform at 8 a.m., while the maximum during the day varied from 60° in the N. to 70° in the S^m and central districts.

Winds light on all coasts and variable in direction, NW to NE breezes prevailing in the S, while in the N. the wind was W to S.

Sea slight or smooth.

Barometer rising except over Scandinavia, the increase having been very brisk in Scotland. At our extreme N^o stations, pressure began to decrease again later in the day.

WEDNESDAY SEPT. 11th. Weather very fine, except in the extreme N. and W, but a good deal of fog and mist prevailing. Rain fell subsequently in the N. and W, but not heavily. Temperature higher in the N. and NW. lower in the S. and SE. At the central stations the weather was rather cool and the thermometer at Shusoo was 12° higher than that at Oxford. Winds light to strong from SW on our W^o and N^o coasts, and over the North Sea, while calms prevail in the SE of England, and E^l breezes over France. Sea rough round the Shetlands and Hebrides.

Barometer rising somewhat generally, but falling a little in the NW. Readings highest over N. Germany, lowest to the N^o of Scotland. Later in the day mercury falling except in the SW and at Stornoway.

THURSDAY SEPT 12th Weather unsettled - rain falling in NW and NE, and sky cloudy or overcast in most other places except France and our SE^o stations. A sharp squall passing S^o along our E. coast - between 1 and 2 pm, but rain not heavy, except at Yarmouth. Temperature higher in S, but lower elsewhere - several degrees over Scotland. Readings varying from 65° at Dover to 51° at Stornoway. Wind N^o to NW^o on most of our coasts, but SW^o both at our SE^o stations, and on the E^o shores of the North Sea; blowing freshly in places. Sudden squalls along our E. coast later in day and wind in NE rising to a fresh gale. Sea rather rough at Kingstown and Stornoway.

Barometer rising in NW falling elsewhere. A large depression lying over the N. of Scotland and small local disturbances over the North Sea. The latter subsequently passing S^o along our E. coast.

FRIDAY SEPT. 13. Weather fine and bright except in the extreme N. of Scotland, the W. of Norway, the Netherlands and E. of France, where the sky is clouded with rain at Stornoway, St. Peter's and the Hebrides. Slight rain subsequently falling in the N. and W. Temperature rather higher in Scotland, but lower elsewhere - several degrees over S^o England. Readings low at central stations (York 49°) but uniform in other parts of our Islands. Wind S^o at some of the Scotch stations, but W^o to NW^o generally over the United Kingdom, N^o in the N. of France and NE^o over the Bay of Biscay. Blowing freshly in the N. Sea rough round the Shetlands and Hebrides as well as off Yarmouth and Cape Gris Nez. Barometer falling in N. and W, rising in SE. Pressure highest in the SW (Silly 30.4 in) lowest over the Gulf of Bothnia (Haparanda 29.07 in).

SATURDAY 14. SEPT. Weather is wet at all the Norwegian stations and at Valentia, while it is cloudy over Ireland and the N. and W. of England, elsewhere the sky is clear or moderately so. Rain fell at most of the W^o stations, and in the NE during the day. Temperature lower over France and higher elsewhere than on the previous day, varying from 64° at Silly to 54° in Caithness. The maxima exceeded 70° at the inland stations, but ranged from 60° to 68° elsewhere. Wind W^o on our coasts, but drawing into SW on the E^o shores of the North Sea, and into NW, N. and NE over France. In the S. of Norway it blows strongly. Sea rough in the N. and NE. Barometer rising in France, falling over the whole of these Islands and the North Sea. Readings highest over Brittany lowest near Christiansund.

DAILY WEATHER REPORT SEPT. 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. 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.		
			Dir.	Force. (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda																			
Hernösand	29.54	47	Z	0	c	29.80	+37	49	43	-2	W S W	4	c	*	*	*	-		
Stockholm	29.67	58	SW	5	o	29.86	+18	55	53	-3	SW	2	b	*	*	*	-		
Wisby	29.79	61	NW	8	o	29.88	+08	62	55	+3	W W	8	b	*	*	*	-		
Christiansund	29.54	49	W S W	9	2	29.62	+39	48	45	-1	E S E	4	c	6	50	43	1.28		
Skudeanses	29.59	55	W W	2	c	29.69	+15	56	52	-3	S E	8	o	5	59	55	-		
Oxö (Klansand)	29.81	56	W S W	4	b	29.83	+17	51	50	-1	N N E	2	c	2	63	48	-		
Skagen (The Sea)	29.81	57	W W W	6	b	29.88	+12	55	52	-3	W S W	2	b	2	63	46	-		
Fano	29.93	61	W S W	4	o	29.88	00	62	59	0	W S W	4	o	*	66	57	-		
Cuxhaven	29.99	64	N W	2	b	29.98	+03	56	56	-3	S S W	1	f	*	64	52	-		
Sumburgh Head	29.72	52	W S W	3	c	29.15	-36	51	49	-1	S E	8	n	6	58	44	0.02		
Stornoway	29.70	55	S	5	o	28.80	-88	54	54	+3	S S E	9	md	8	58	52	0.25		
Thurso	29.77	55	Z	0	o	?	?	59	56	+5	S S W	6	cq	4	60	48	-		
Wick	29.73	55	W	2	b	29.95	-72	59	55	+5	S	6	ow	3	64	48	-		
Nairn	29.74	55	Z	0	b	29.99	-73	61	61	+5	S	6	cu	3	65	49	-		
Aberdeen	29.78	58	S S W	1	b	29.27	-46	59	56	+2	S	8	c	4	66	51	-		
Leith	29.84	62	W	1	b	29.32	-46	61	55	+2	W	7	o	*	69	55	-		
Shields	29.89	64	W	1	c	29.53	-32	59	56	-2	SW	1	o	2	65	57	-		
Scarborough	29.91	61	SW	2	o	29.65	-25	58	55	+2	S S W	3	o	2	64	55	0.03		
York	29.92	60	SW	2	o	29.68	-24	58	56	0	S	3	o	*	65	56	0.02		
Nottingham	29.96	62	S S W	1	c	29.74	-25	58	55	+4	SW	6	c	*	74	54	0.01		
Ardrossan	29.82	60	W	1	c	29.29	-51	60	53	+1	S S W	7	qym	5	64	59	0.05		
Greencastle	29.81	62	S S W	2	c	29.11	-72	61	58	+4	SW	7	o	*	69	58	0.02		
Donaghadee	29.83	61	SW	3	c	29.33	-54	58	58	0	S	7	o	5	66	57	0.01		
Kingstown	29.90	63	W S W	1	c	29.48	-44	63	59	+2	S	6	o	5	63	60	0.19		
Holyhead	29.91	60	SW	3	m	29.58	-37	60	58	0	S S W	7	m	5	63	58	0.04		
Liverpool (Bidston)	29.93	61	W	1	c	29.63	-31	60	54	0	S S W	3	*	3	64	58	-		
Valencia	29.89	62	S S W	5	c	29.44	-55	62	60	+1	S S W	8	qy	7	65	59	0.48		
Roche's Point	29.91	62	SW	4	c	29.60	-40	62	60	+1	SW	6	n	4	68	50	0.08		
Pembroke	29.98	62	SW	4	c	29.73	-28	61	58	+1	S S W	7	o	5	65	58	-		
Portishead	30.01	61	W	3	c	29.82	-19	58	55	-1	S S W	6	c	4	65	53	0.01		
Scilly	30.05	60	SW	5	c	29.87	-22	61	59	-3	SW	6	o/p	5	68	59	0.02		
Plymouth	30.04	61	SW	2	c	29.87	-20	61	57	+6	SW	4	bc	*	64	53	-		
Hurst Castle	30.03	64	W	3	o	29.90	-15	63	58	+4	W S W	5	c	6	68	58	-		
Dover	30.01	62	W S W	3	b	29.94	-07	62	58	+4	SW	5	b	4	65	56	-		
London	30.01	66	W	2	bc	29.90	-13	63	57	+8	S	4	bc	*	71	54	-		
Oxford	29.99	62	S	2	o	29.83	-19	58	54	+8	S S W	4	o	*	69	49	-		
Cambridge	30.00	64	W	1	o	29.85	-15	60	57	+7	S S W	2	c	*	72	51	-		
Yarmouth	29.99	64	S S W	2	bc	29.87	-12	58	56	+6	S S W	3	b	2	65	50	-		
The Helder	*	*	*	*	*	29.90	-07	59	57	-2	S	1	o	*	*	*	-		
Cape Gris Nez	30.04	61	W S W	3	c	29.96	-07	61	57	+2	SW	5	bc	4	64	59	-		
Jersey	30.11	59	W S W	1	b	29.99	-13	60	56	+1	SW	4	bc	4	65	55	-		
Brest	30.13	57	W	2	o	29.99	-15	61	59	+7	S S W	3	o	3	66	52	-		
L'Orient	30.11	63	W S W	2	b	30.04	-11	57	55	+2	E	1	b	1	72	50	-		
Rochefort	30.09	73	NE	4	b	30.09	-01	59	53	+4	SE	3	b	3	81	50	-		
Biarritz	30.04	70	N N E	4	b	30.04	-02	63	59	+2	S E	1	bc	2	?	55	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.99	-02	56	53	-2	SW	2	c	*	65	53	-		
Charleville	*	*	*	*	*	30.02	+03	52	*	+6	S S W	1	f	*	*	*	*		
Paris	30.06	63	W W W	1	bc	30.04	-02	58	51	-1	E S E	2	c	*	*	*	-		
Lyons	*	*	*	*	*	30.05	+02	61	*	+1	N	4	b	*	*	*	*		
Toulon	?	66	W	7	m	29.93	+06	68	57	+4	Z	0	b	3	70	63	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.77	59	53	W N W	6	c	5	Valencia	29.95	63	60	S S W	4	0	4
Thurso	29.75	57	52	W	5	c	5	Scilly	29.95	66	60	S S W	4	0	4
Scarborough	29.92	63	60	W S W	2	0	2	London	30.02	67	61	W N W	2	c	*
Greencastle	29.88	64	57	W S W	2	bc	*	Rochefort	30.12	72	63	N E	3	6	3
Holyhead	29.97	62	60	S W	3	m	2								

Pressure is inclined to decrease in the S. but is increasing in the N.
The changes are, however, slight

EXPLANATION OF COLUMNS.

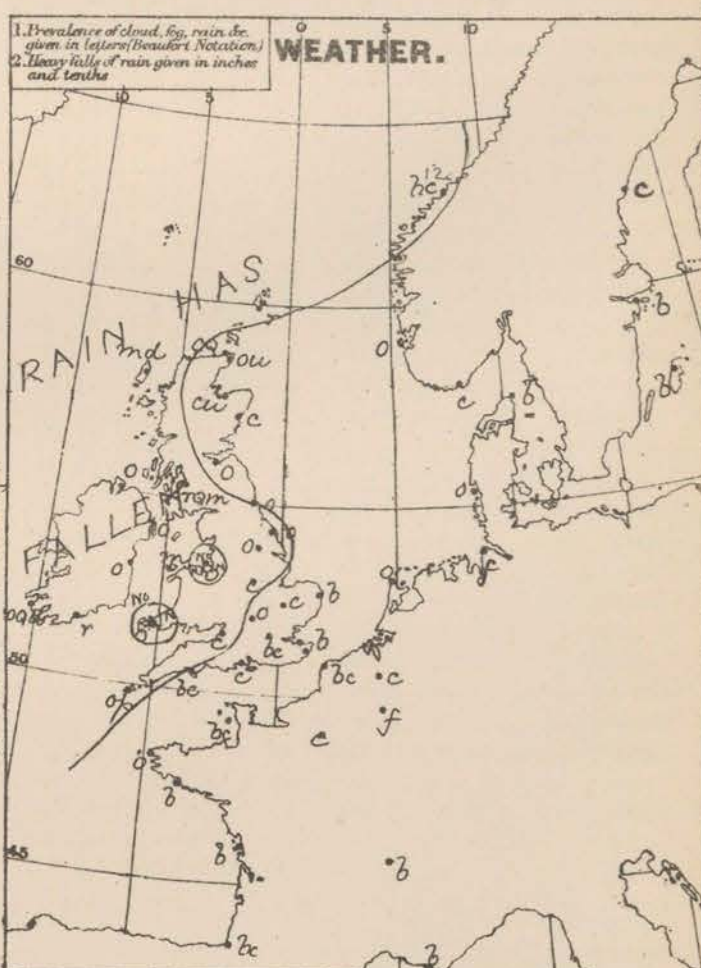
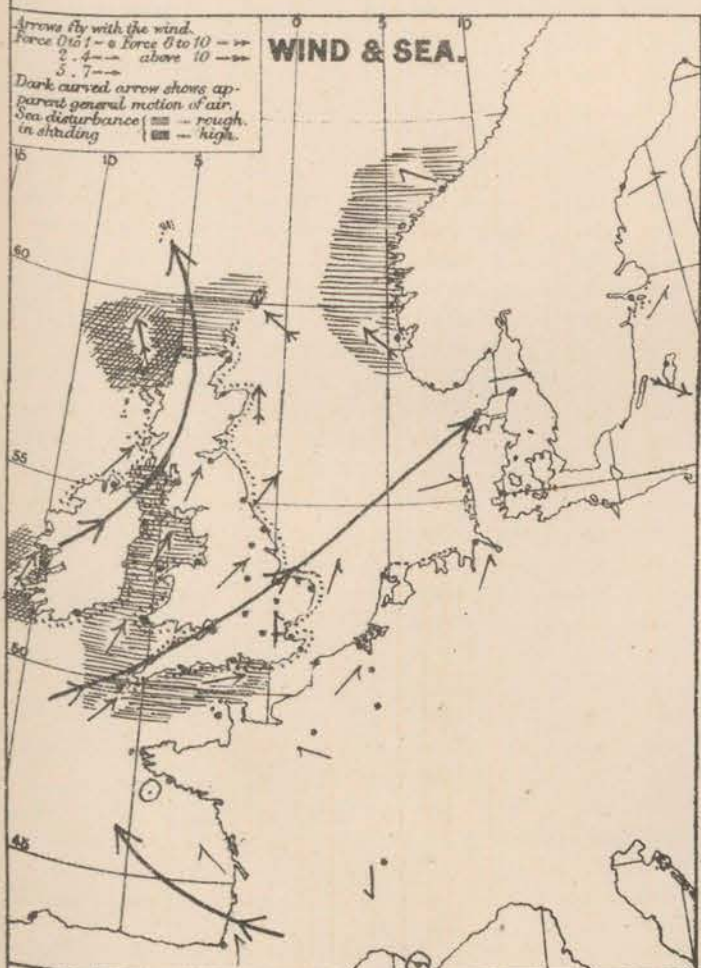
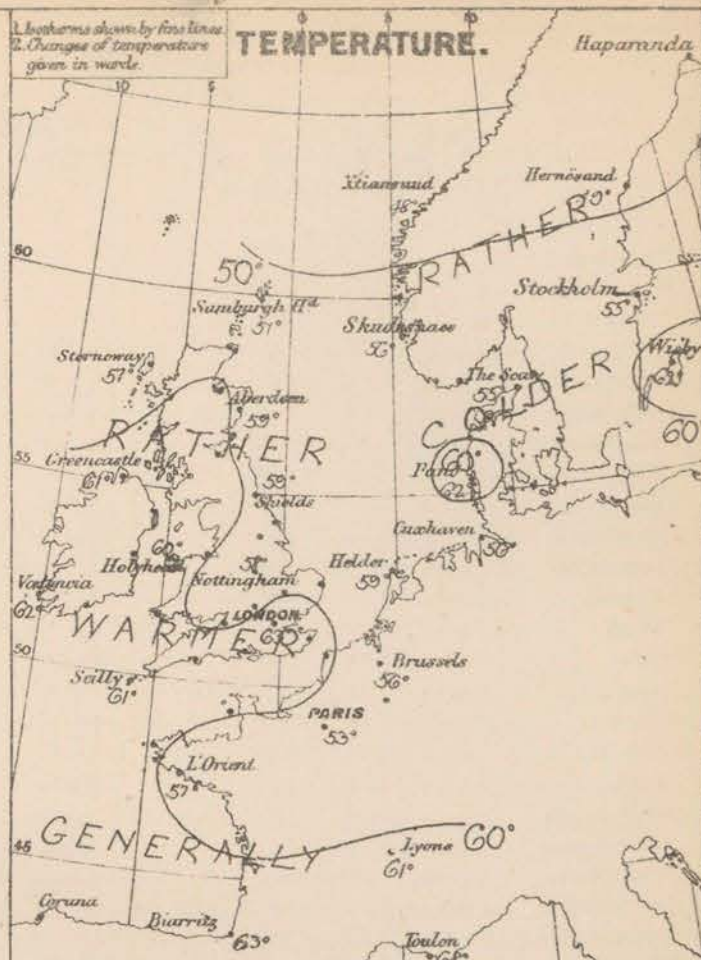
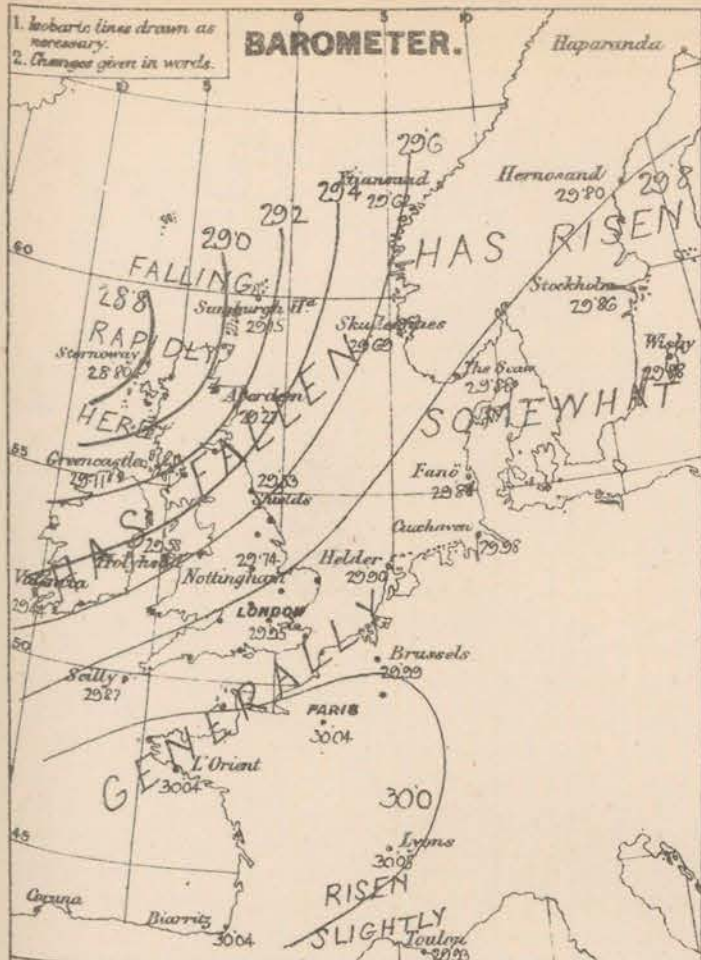
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Sunday 15th SEPT 1873.



REMARKS. Weather is fine at some of the north western and southern stations, but is very dull elsewhere; rain has set in at a few of the western and north western stations, and a very threatening appearance is reported in the north of Scotland. Rain fell yesterday or during the night over all the more western districts, but the amounts measured this morning are not heavy; at Christiansund, however, more than an inch fell. Temperature has risen over these islands and France but fallen in Norway; the readings at dawn are above sixty degrees in the north and south of these islands but a trifle below in the north east, while in the north of Scandinavia they do not reach 50°. The thermometers rose a little above 70° over Central England yesterday. Wind is SW in the south, but draws into S by SSE in the north; it is fresh to strong in force at all our western stations and is increasing quickly, while in Scotland it already has a fresh gale. Sea is very high off the Hebrides, high at Valentia, and rough on all our western and southern coasts. Barometrical Indications. Pressure is not changing much over France but on our western and northern coasts it is decreasing rapidly; it is already as low as 28.80 in. at Ramnary, and a serious disturbance is evidently advancing towards these islands. Warnings. The following has been sent to all coasts: - "Barometer falling very fast north. Wind increasing. Frost but no snow. 9.20 a.m."

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

DAILY WEATHER REPORT SEPT 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.	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 ...														*				
Hernösand ...														*	*			
Stockholm ...														*	*			
Wisby ...														*	*			
Christiansund ...	28.94	62	SE	5	c	28.67	-.95	53	51	+5	ESE	3	o	3	63	46	-	
Skudesnaes ...	29.12	57	SSE	9	r	28.85	-.84	55	53	-1	NR	8	r	8	61	55	0.79	
Oxö (Xtiansand) ...	29.39	61	S	8	o	29.02	-.81	56	52	+5	SSW	6	c	4	61	50	0.43	
Skagen (The Sæw) ...	29.50	62	SW	6	c	29.15	-.73	54	52	-1	WSW	4	r	5	64	48	0.47	
Fanö ...	29.49	63	SSW	7	be	29.23	-.65	57	53	-5	WSW	6	be	*	66	54	0.32	
Cuxhaven ...	29.81	67	SSW	4	o	29.40	-.68	57	57	+1	WSW	5	be	*	?	54	0.14	
Sumburgh Head ...	28.63	52	SSW	5	c	28.53	-.62	52	50	+1	SW	6	o	6	54	49	0.67	
Stornoway ...	28.47	49	S SW	9	r	28.94	+1.4	50	47	-7	NR	8	cq	7	58	47	0.85	
Thurso ...	28.64	50	S SW	5	b	28.79	-.25	50	48	-9	WSW	8	p	6	64	46	0.44	
Wick ...	28.55	50	WSW	6	be	28.79	-.16	49	47	-10	WSW	8	o	4	61	47	0.47	
Nairn ...	28.76	49	S	7	o	28.99	.00	50	46	-11	S	7	r	3	65	?	0.71	
Aberdeen ...	28.89	52	SSW	4	b	29.02	-.25	53	?	-6	W	6	b	3	61	48	0.13	
Leith ...	28.99	51	WSW	5	c	29.18	-.14	54	51	-7	W	7	b	*	67	50	0.39	
Shields ...	29.12	55	SW	2	o	29.31	-.22	51	47	-8	W	8	b	3	67	50	0.47	
Scarborough ...	29.18	59	SSW	8	o	29.41	-.24	55	50	-3	WNW	6	b	4	60	49	0.36	
York ...	29.28	56	SW	6	r	29.54	-.14	54	49	-4	W	6	be	*	62	50	0.36	
Nottingham ...	29.83	61	SSW	8	o	29.60	-.14	50	49	-8	W	5	be	*	63	47	0.08	
Ardrossan ...	29.54	54	WSW	6	be	29.34	+0.5	55	49	-5	WNW	10	be	7	62	53	0.68	
Greencastle ...	29.03	52	SW	5	o	29.47	+0.36	52	46	-9	W	6	c	*	62	46	0.60	
Donaghadee ...	29.14	50	W	6	b	29.53	+2.0	50	46	-8	W	8	b	6	60	48	0.33	
Kingstown ...	29.32	52	W	6	r	29.71	+2.3	51	46	-12	WNW	6	b	6	66	50	0.14	
Holyhead ...	29.30	57	W	7	c	29.68	+1.0	53	47	-7	W	8	b	6	61	52	0.40	
Liverpool (Bidston) ...	29.27	54	WSW	8	o	29.59	-.04	53	48	-7	W	9	c	4	63	?	0.24	
Valencia ...	29.53	55	W	6	be	29.97	+5.3	56	51	-6	WNW	6	be	6	63	53	0.18	
Roche's Point ...	29.47	59	W	6	be	29.92	+3.2	55	51	-7	W	5	be	4	65	51	0.68	
Pembroke ...	29.42	61	W	8	c	29.82	+0.9	56	50	-5	WNW	7	be	6	62	53	0.18	
Portishead ...	29.49	61	S	7	r	29.78	-.04	56	51	-2	W	7	be	6	65	53	0.16	
Scilly ...	29.62	63	WSW	9	o	30.00	+1.3	60	55	-1	WNW	7	cq	7	64	56	0.03	
Plymouth ...	29.62	62	SW	6	o	29.90	+0.3	57	53	-4	W	5	b	*	65	53	0.11	
Hurst Castle ...	29.67	64	SW	9	o	29.80	-.10	60	55	-3	WNW	7	b	7	66	54	0.05	
Dover ...	29.70	63	SW	7	be	29.75	-.19	56	52	-6	WSW	5	b	4	65	52	0.19	
London ...	29.65	62	SW	5	o	29.74	-.21	56	51	-7	WSW	6	b	*	72	50	0.09	
Oxford ...	29.52	64	SW	5	o	29.73	-.10	56	51	-2	WSW	4	b	*	64	50	0.02	
Cambridge ...	29.52	61	SSW	4	o	29.67	-.18	54	50	-6	WSW	3	o	*	68	49	0.05	
Yarmouth ...	29.59	62	SSW	6	be	29.58	-.29	53	49	-5	WSW	5	b	2	67	48	0.10	
The Helder ...	*	*	*	*	*	29.50	-.40	58	53	-1	WSW	5	c	*	*	*	0.16	
Cape Gris Nez ...	29.77	64	SW	7	o	29.78	-.18	59	54	-2	W	7	b	6	68	52	0.08	
Jersey ...	29.82	64	SW	7	o	30.00	+0.01	59	53	-1	WNW	6	be	6	67	56	0.11	
Brest ...	29.89	66	SW	4	o	30.07	+0.8	59	54	-2	NR	4	o	4	66	52	-	
L'Orient ...	29.94	63	W	5	c	30.10	+0.6	59	55	+2	NR	4	be	4	68	57	-	
Rochefort ...	30.02	70	NNE	4	b	30.07	-.02	64	63	+5	WNW	6	r	3	77	52	-	
Biarritz ...	29.08	70	WSW	4	be	30.23	+1.9	68	63	+5	WSW	4	r	3	72	61	-	
Corunna ...	*	*	*	*	*									*	*	*		
Brussels ...	*	*	*	*	*	29.75	-.24	56	51	0	WSW	6	b	*	64	55	0.12	
Charleville ...	*	*	*	*	*	29.72	-.30	57	*	+5	WSW	3	o	*	*	*	*	
Paris ...	29.88	65	S	3	c	29.95	-.09	60	55	+7	WSW	3	c	*	*	*	0.08	
Lyons ...	*	*	*	*	*	30.10	+0.5	63	*	+2	NR	2	be	*	*	*	*	
Toulon ...	30.10	68	W	5	b	29.80	-.13	66	57	-2	NR	6	be	6	75	64	-	

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

Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.
Skudesnaes ...	29.28	60	SE	9	o	8	Valencia					
Thurso							Scilly					
Scarborough ...							London					
Greencastle ...						*	Rochefort ...	30.04	72	63	SE	4 be 3
Holyhead												

EXPLANATION OF COLUMNS.

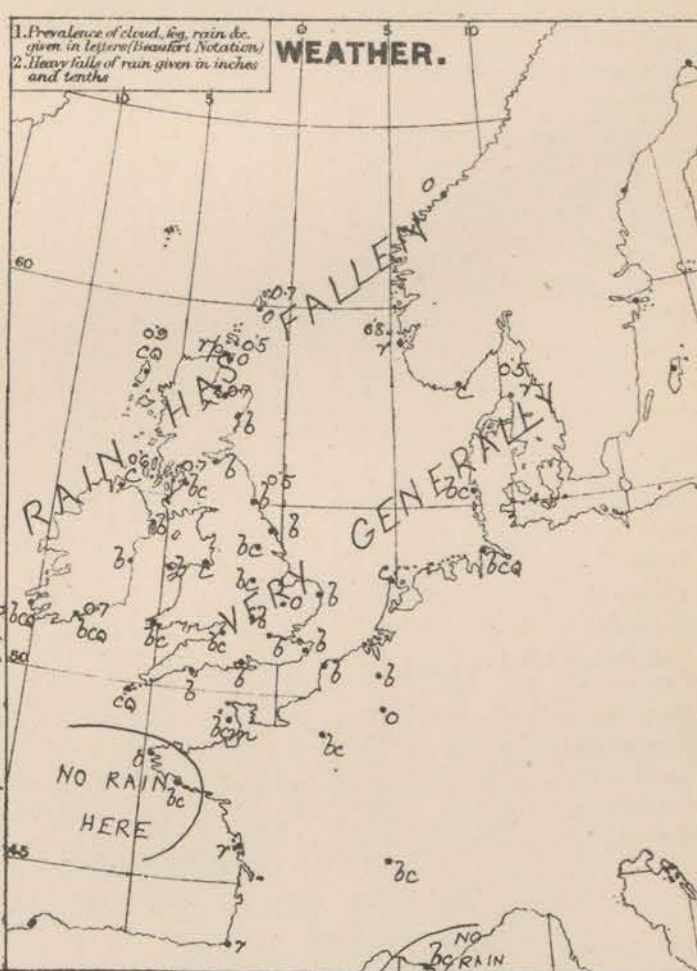
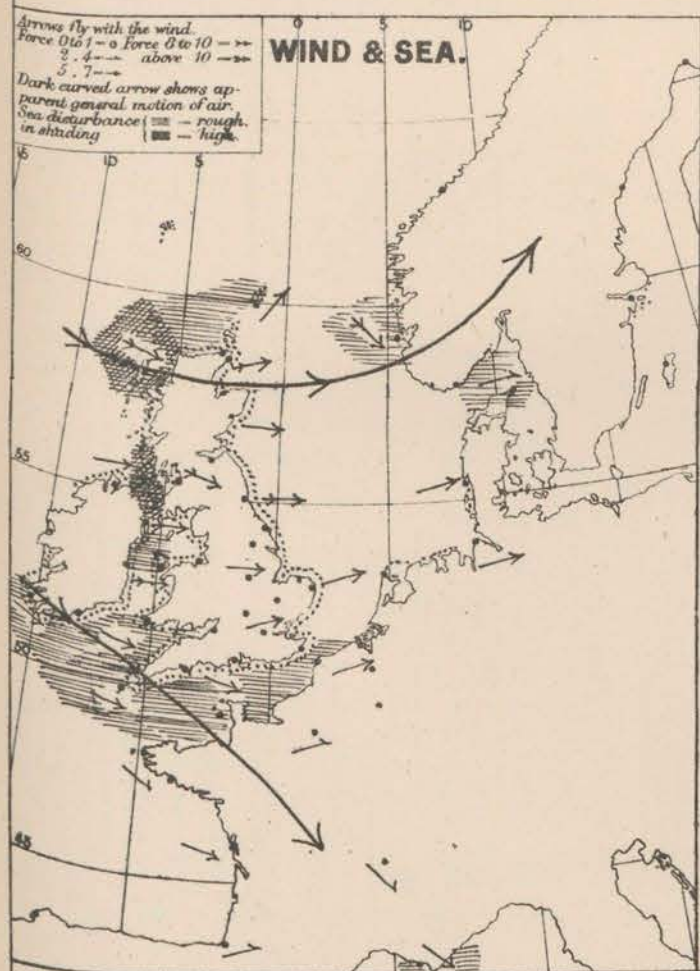
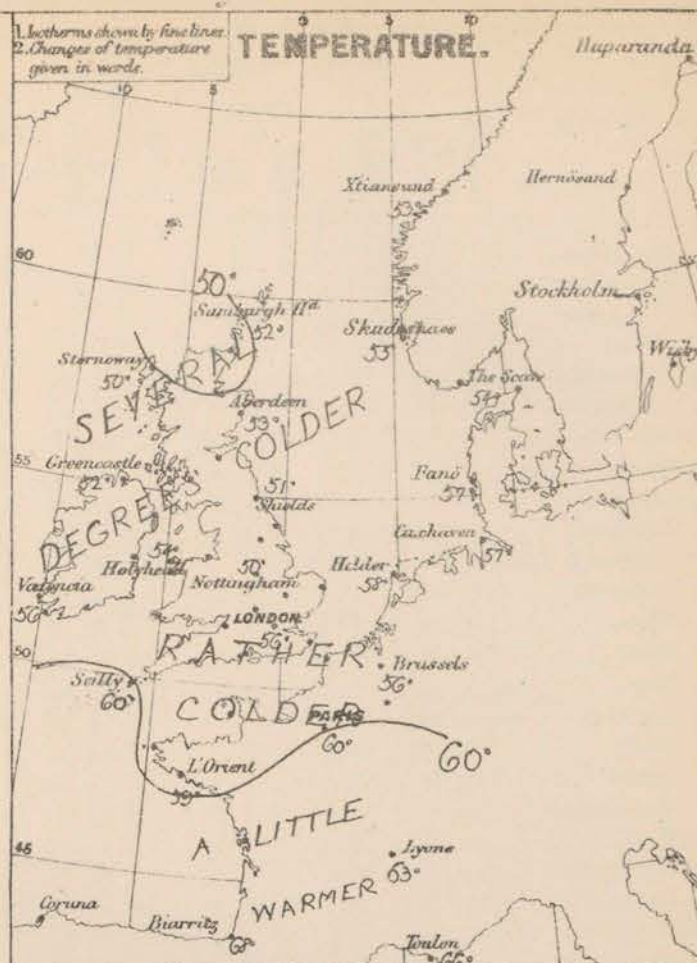
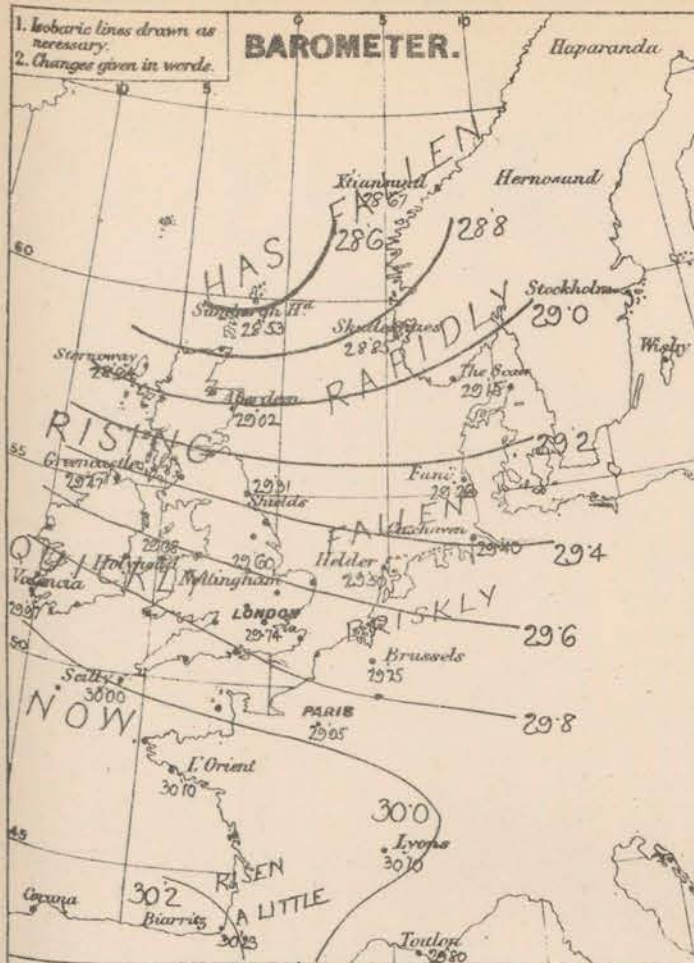
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS *for 8 a.m. on Monday 16th SEPT^r 1878.*



Note A dotted line is drawn round those coats on which the

REMARKS. Weather is at present moderately fine over the greater part of these Islands, though overcast and wet in the north of Scotland, as well as in Norway and the west of France. Rain fell over the whole of Western Europe yesterday, the amounts in many places being large. Temperature has risen somewhat over France, but fallen in all other places, the change at our western stations being considerable; readings at present vary over these Islands from 50° to 60°. In London the maximum in the shade was 72° yesterday. Wind has veered to W or WNW on all but our entire northern coast, and blows a fresh to moderate gale over the greater part of the country, while at Aberdeen and Liverpool it reaches the force of a hard gale. At 8 am yesterday a strong S. gale was reported from the Hebrides and Netherlands, and later in the day the force of the wind rose and between noon yesterday and early this morning a fresh to strong S. gale was experienced generally. Sea is rough on most coasts and high in the Channel.

Barometrical Indications. Pressure is now increasing quickly on our western and north western coasts, and the change is spreading briskly to all places. The centre of the very deep disturbance lies near the Netherlands, and there is now a difference of just an inch and a half between the readings of the barometers at Lillie and Sunderland H.

Warings. The warning signals, listed yesterday, are still flying on all coasts.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT SEPT 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 12).		Reading at 32° F. and Sea Level.	Difference from 8 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...														*				
Hernösand ...														*	*	*		
Stockholm ...														*	*	*		
Wisby ...														*	*	*		
Christiansund ...	28.71	53	SSE	1	bc	28.89	+ .22	50	47	- 3	SW	6	c	6	63	43	0.47	
Skudesnaes ...	29.04	52	WSW	9	o	29.28	+ .43	54	48	- 1	W	8	o	6	55	52	0.12	
Oxö (Xtiansand) ...	29.12	52	WSW	8	z	29.32	+ .30	52	48	- 4	WSW	6	c	4	59	50	-	
Skagen (The Snaw) ...	29.21	51	W	9	z	29.32	+ .17	55	50	+ 1	W	9	c	9	59	46	0.20	
Fanö ...	29.49	57	W	8	c	29.60	+ .37	57	52	0	W	8	c	*	61	54	0.20	
Cuxhaven ...	29.55	58	WNW	8	z	29.77	+ .37	58	54	+ 1	WNW	6	o	q	*	?	53	0.11
Sumburgh Head ...	29.02	49	WNW	9	o	29.18	+ .65	48	46	- 4	WSW	2	z	4	52	46	0.30	
Stornoway ...	29.43	51	W	8	o	29.34	+ .40	55	54	+ 5	W	6	z	6	55	48	0.25	
Thurso ...	29.29	50	WNW	8	z	29.27	+ .48	55	53	+ 5	W	4	o	5	63	48	0.32	
Wick ...	29.37	49	WN	7	bc	29.26	+ .47	55	52	+ 6	WN	4	o	2	56	46	0.11	
Nairn ...	29.48	50	S	4	bc	29.46	+ .47	59	54	+ 9	WNW	5	bc	2	59	46	0.04	
Aberdeen ...	29.38	53	WNW	8	b	29.39	+ .37	60	54	+ 7	W	4	b	2	60	48	-	
Leith ...	29.56	52	WNW	7	bc	29.51	+ .33	61	57	+ 7	W	7	bc	*	63	50	-	
Shields ...	29.67	53	WNW	6	bc	29.65	+ .34	59	56	+ 8	W	6	o	2	59	51	-	
Scarborough ...	29.75	52	W	8	c	29.73	+ .32	57	55	+ 2	W	4	c	3	57	51	-	
York ...	29.79	53	W	5	b	29.77	+ .23	58	56	+ 4	W	3	c	*	59	50	0.01	
Nottingham ...	29.90	55	SW	2	o	29.87	+ .27	61	57	+ 11	WSW	6	bc	*	61	49	0.02	
Ardrossan ...	29.71	55	WNW	9	c	29.59	+ .25	60	59	+ 5	W	5	c	5	61	51	0.12	
Greencastle ...	29.79	54	W	4	o	29.65	+ .18	59	58	+ 7	WSW	3	z	*	60	48	0.30	
Donaghadee ...	29.85	53	NW	5	bc	29.71	+ .18	60	59	+ 10	W	7	c	5	60	50	-	
Kingstown ...	29.96	57	W	4	bc	29.82	+ .11	62	59	+ 11	WNW	6	cu	4	62	51	-	
Holyhead ...	29.93	57	W	6	b	29.84	+ .16	60	58	+ 7	SW	4	o	3	61	52	-	
Liverpool (Bidston) ...	29.87	56	W	7	c	29.81	+ .22	59	58	+ 6	WSW	3	o	4	60	42	-	
Valencia ...	30.10	58	W	5	c	29.97	0.00	60	59	+ 4	SW	5	o	6	62	55	0.04	
Roche's Point...	30.09	56	W	3	bc	30.00	+ .08	61	59	+ 6	W	4	o	4	62	54	-	
Pembroke ...	30.05	59	W	7	bc	29.98	+ .16	60	59	+ 4	SW	8	o	4	60	55	-	
Portishead ...	30.01	59	WNW	5	c	30.02	+ .24	61	58	+ 5	SW	6	o	5	62	57	-	
Seilly ...	30.18	60	WNW	6	c	30.15	+ .15	61	59	+ 1	WNW	6	o	6	62	59	-	
Plymouth ...	30.13	59	NW	4	b	30.13	+ .23	61	58	+ 4	SW	4	o	*	64	55	-	
Hurst Castle ...	30.05	61	NW	5	b	30.09	+ .29	62	60	+ 2	W	5	c	6	65	55	-	
Dover ...	30.02	55	WNW	4	b	30.05	+ .30	60	55	+ 4	W	5	bc	4	63	52	-	
London ...	29.99	59	WNW	4	bc	30.02	+ .28	60	56	+ 4	WSW	5	o	*	62	52	-	
Oxford ...	29.99	54	W	3	bc	29.98	+ .25	58	56	+ 2	SW	4	o	*	60	51	-	
Cambridge ...	29.94	55	WSW	2	bc	29.94	+ .27	57	54	+ 3	SW	2	b	*	62	49	-	
Yarmouth ...	29.85	55	W	4	b	29.90	+ .32	55	52	+ 2	SW	3	c	2	59	49	0.03	
The Helder. ...	*	*	*	*	*	29.90	+ .40	59	54	+ 1	SW	4	c	*	*	*	0.12	
Cape Gris Nez ...	30.01	61	W	6	bc	30.09	+ .31	61	57	+ 2	W	6	bc	5	64	57	-	
Jersey ...	30.20	59	WNW	7	bc	30.23	+ .23	61	56	+ 2	W	4	om	4	64	58	-	
Brest ...	30.29	?	NW	2	o	30.27	+ .20	59	57	0	W	3	o	4	66	57	-	
L'Orient ...	30.28	61	WNW	4	c	30.29	+ .19	61	56	+ 2	WNW	3	c	3	68	55	-	
Rochefort ...	30.28	70	NW	4	b	30.33	+ .26	59	?	- 5	NE	3	o	3	73	54	-	
Biarritz ...	30.32	68	WNW	3	o	30.33	+ .10	63	59	- 5	ENE	2	o	4	70	59	0.04	
Corunna ...	*	*	*	*	*									*	*	*	*	
Brussels ...	*	*	*	*	*	30.10	+ .35	54	51	- 2	SW	4	c	*	69	50	-	
Charleville ...	*	*	*	*	*	30.13	+ .41	52	*	- 5	W	1	c	*	*	*	*	
Paris ...	30.12	61	W	4	c	30.24	+ .29	55	51	- 5	WSW	2	bc	*	*	*	*	
Lyons ...	*	*	*	*	*	30.25	+ .15	61	*	- 2	W	2	b	*	*	*	*	
Toulon ...	30.01	72	NW	7	bc	30.01	+ .21	59	52	- 7	NW	7	b	7	73	59	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	^	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	28.98	53	49	WSW	9	z	8	Valencia	30.09	61	54	W	5	c m q	5
Thurso	29.09	50	48	W	8	p q	6	Seilly	30.14	62	55	WNW	8	bc	7
Scarborough ...	29.62	57	50	WNW	7	b	5	London	29.92	62	52	W	6	c q	*
Greencastle ...	29.70	55	48	W	5	c	*	Rochefort ...	30.20	68	61	WN	5	bc	3
Holyhead	29.87	57	50	W	7	b	6								

Pressure is increasing everywhere - very quickly in the N. Wind is W^{ly} to WNW^{ly} in direction; it is still strong generally and blows a fresh gale at Seilly and Thurso.

EXPLANATION OF COLUMNS.

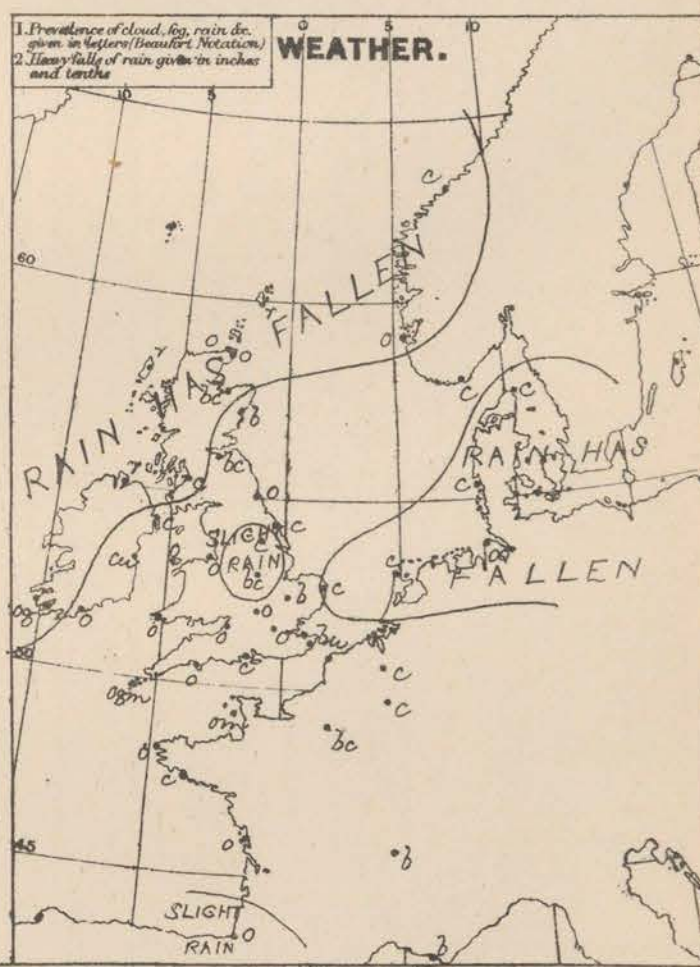
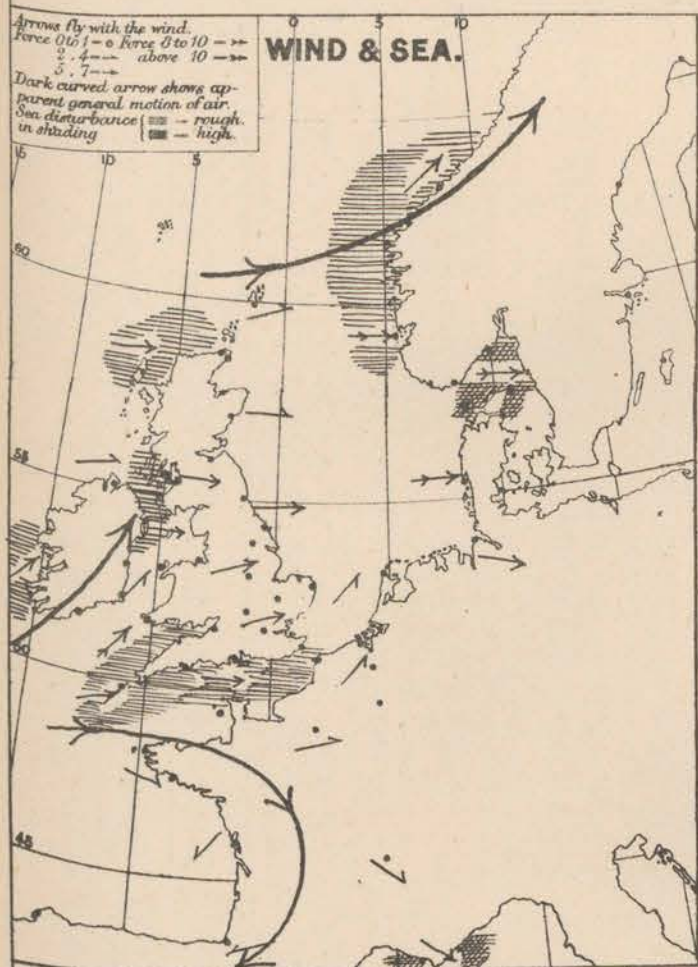
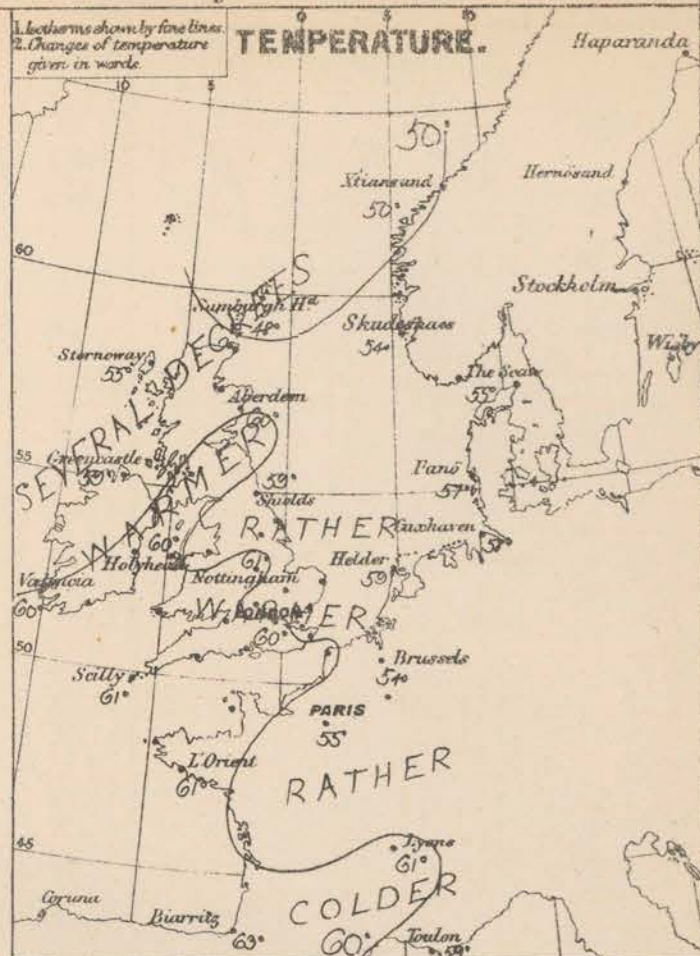
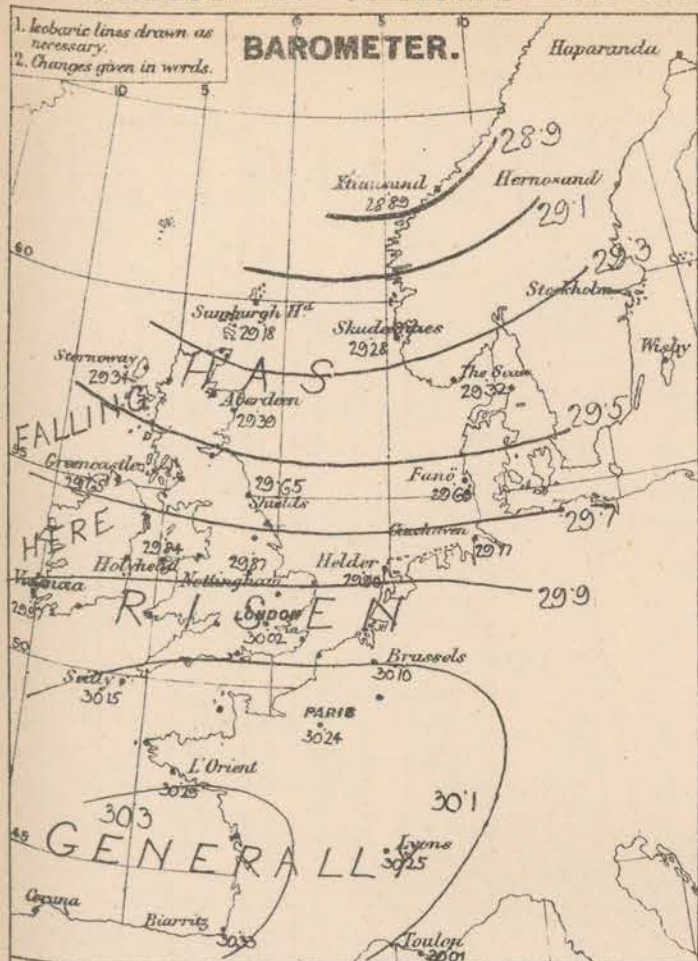
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Tuesday 17TH SEPT^R 1878.



REMARKS. Weather is moderately clear at some of our eastern stations and in the south east of France, but in all other places the sky is overcast or very cloudy, with rain at Brencastle, Stromway and Lumburgh H^{rs}, and mist at Jersey and Scilly. Rain has fallen at most of our north western and northern stations. Temperature has fallen on the eastern shores of the North Sea and over France but has risen at all our stations, very quickly in the west; it is at present very uniform at about 60°; during yesterday the thermometer did not rise above 65° in any part of these Islands. Wind is W on all our coasts and across the North Sea, but draws into NE in the southern part of the Bay of Biscay; it still blows fresh over the greater part of the Kingdom, and at Pembroke reaches the force of a fresh gale, while in Denmark a strong gale has been experienced all night. Sea is tremendous in the Skager Rack, rough on our north, west and south coasts.

Barometrical Indications. Pressure increased over the whole of Western Europe during yesterday - very quickly in the north - but last night a fresh fall of the mercury set in in the west, and has extended to all parts of our Islands. Gradient continues steep, the highest readings being reported from the south west of France, and the lowest from the neighbourhood of Christiansund.

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

SEPT^R 18TH 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 ...	29.11	51	S	4	0	29.12	+0.8	50	50	-5	S	2	0	*	55	46	0.32		
Hernösand ...	29.12	45	WSW	2	6	29.19	+2.1	46	45	-5	2	0	6	*	*	*	0.04		
Stockholm ...	29.26	51	SW	4	2	29.35	+2.2	55	53	0	WSW	4	6	*	*	*	-		
Wibby ...	29.36	55	W	9	2	29.42	?	59	56	?	W	8	0	*	*	*	0.08		
Christiansund ...	29.06	49	SW	7	2	28.98	+0.9	49	46	-1	E	3	0	5	50	43	0.20		
Skudesnaes ...	29.33	53	W	4	2	29.11	-1.7	57	55	+3	SSW	6	2	5	?	52	0.32		
Oxö (Xtiansand) ...	29.36	55	W	5	6	29.25	-0.7	57	57	+5	SSW	6	2	4	57	52	-		
Skagen (The Seaw) ...	29.36	57	WSW	9	6	29.34	+0.2	58	57	+3	WSW	4	0	4	59	48	0.24		
Fanö ...	29.59	61	W	6	2	29.50	-1.0	62	60	+5	WSW	6	0	*	63	54	0.08		
Cuxhaven ...	29.71	61	W	7	2	29.66	-1.1	61	61	+3	SW	6	0.9	*	61	54	0.11		
Sumburgh Head ...	29.22	51	WSW	1	0	28.93	-2.5	49	46	+1	WSW	8	0	6	55	46	0.15		
Stornoway ...	29.21	56	SSW	6	0	29.18	-1.6	49	45	-6	WSW	6	6	5	57	46	0.20		
Thurso ...	29.24	58	WSW	2	0	29.13	-1.4	48	46	-7	W	5	6	4	60	47	0.06		
Wick ...	29.25	57	W	2	0	29.14	-1.2	49	45	-6	WSW	6	6	3	61	45	-		
Nairn ...	29.31	60	SW	2	0	29.25	-2.1	50	45	-9	SW	4	6	2	65	45	0.01		
Aberdeen ...	29.35	63	SSW	4	0	29.28	-1.1	51	46	-9	W	3	6	1	67	47	-		
Leith ...	29.48	61	W	6	0	29.35	-1.6	52	50	-9	W	5	6	*	67	49	0.09		
Shields ...	29.62	64	W	4	6	29.47	-1.8	53	50	-6	W	4	6	2	68	50	0.05		
Scarborough ...	29.68	63	WSW	4	0	29.50	-2.3	56	52	-1	WSW	2	0	2	66	56	0.07		
York ...	29.72	64	WSW	4	0	29.53	-2.4	55	52	-3	W	3	0	*	68	54	0.23		
Nottingham ...	29.81	65	SW	4	6	29.61	-2.6	56	55	-5	SW	2	2	*	74	56	0.13		
Ardrossan ...	29.54	59	SW	4	2	29.42	-1.7	53	49	-7	WSW	5	6	4	63	52	0.23		
Greencastle ...	29.55	60	W	3	0	29.48	-1.7	48	45	-11	W	4	0	*	62	46	0.22		
Donaghadee ...	29.60	63	SW	5	0	29.55	-1.6	50	48	-10	WSW	4	6	3	66	48	0.10		
Kingstown ...	29.73	66	W	4	0	29.67	-1.5	52	49	-10	W	4	6	3	67	51	0.09		
Holyhead ...	29.74	61	SW	5	0	29.65	-1.9	54	50	-6	WSW	4	0	4	66	54	0.19		
Liverpool (Bidston) ...	29.75	61	SW	6	0	29.57	-2.4	54	50	-5	W	5	0	4	66	54	0.60		
Valencia ...	29.79	62	SW	5	0	29.84	-1.3	54	48	-6	WSW	5	0.9	5	64	50	0.35		
Roche's Point ...	29.80	61	WSW	4	0	29.80	-2.0	54	50	-7	WSW	4	6	4	63	52	0.07		
Pembroke ...	29.90	60	SW	7	2	29.72	-2.6	57	52	-3	WSW	5	0	3	62	56	0.25		
Portishead ...	29.95	61	SW	4	0	29.66	-3.6	61	60	0	SSW	5	0	4	65	57	0.37		
Seilly ...	30.02	62	SW	6	0	29.82	-3.3	59	57	-2	WSW	6	0	6	66	58	0.49		
Plymouth ...	30.02	62	SW	4	0	29.75	-3.8	60	59	-1	WSW	3	0.2	*	65	60	0.45		
Hurst Castle ...	30.01	63	WSW	5	0	29.71	-3.8	63	63	+1	W	7	0.2	6	66	60	0.35		
Dover ...	29.98	61	WSW	6	0	29.72	-3.3	62	61	+2	SW	7	0.2	5	65	?	0.08		
London ...	29.95	64	WSW	4	0	29.67	-3.5	62	60	+2	WSW	5	0.2	*	66	57	0.15		
Oxford ...	29.92	62	SW	2	0	29.65	-3.3	59	58	+1	WSW	3	2	*	63	57	0.12		
Cambridge ...	29.87	63	SW	3	6	29.63	-3.1	61	60	+4	SW	2	2	*	68	56	0.12		
Yarmouth ...	29.83	65	WSW	4	0	29.57	-3.3	62	62	+7	SW	4	0.9	2	67	53	0.02		
The Helder ...	*	*	*	*	*	29.58	-3.2	63	62	+4	SSW	4	2	*	*	*	0.12		
Cape Gris Nez ...	30.01	63	WSW	8	0	29.76	-3.3	59	59	-2	SSW	8	2	6	64	55	0.12		
Jersey ...	30.15	63	W	4	0	29.86	-3.4	61	61	0	WSW	6	0.2	6	66	60	0.03		
Brest ...	30.18	?	WSW	3	0	29.93	-3.4	61	61	+2	SW	5	1	4	64	?	-		
L'Orient ...	30.21	61	WSW	3	6	29.99	-3.0	61	59	0	WSW	5	0	4	70	57	-		
Rochefort ...	30.20	68	WSW	3	6	30.22	-1.1	63	59	+4	SW	3	0	3	75	52	-		
Biarritz ...	30.21	68	WSW	2	6	30.10	-2.3	61	55	-2	SE	1	6	5	68	54	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	29.80	-3.0	60	56	+6	SW	6	0	*	64	?	-		
Charleville ...	*	*	*	*	*	29.94	-1.9	58	*	+6	S	3	0	*	*	*	*		
Paris ...	30.15	63	SW	3	0	29.94	-3.0	59	55	+4	SW	3	6	*	*	*	-		
Lyons ...	*	*	*	*	*	30.16	-0.9	59	*	-2	S	2	0	*	*	*	*		
Toulon ...	30.05	73	SW	2	6	30.05	+0.4	64	64	+5	E	3	0	3	79	59	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.30	52	43	WSW	1	0	Valencia ...	29.88	63	62	SW	6	0 mg 5
Thurso ...	29.33	57	58	W	3	0	Seilly ...	30.10	63	62	WSW	6	0 pd 6
Scarborough ...	29.69	65	62	W	6	0	London ...	29.99	66	63	WSW	4	0
Greencastle ...	29.62	61	60	WSW	3	0	Rocheport ...	30.28	68	59	E	2	be 3
Holyhead ...	29.82	65	62	SW	5	6							

Pressure is increasing at Thurso but is decreasing in all other places - the change being now rather brisk at Valencia where the wind is strong from SW.

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.

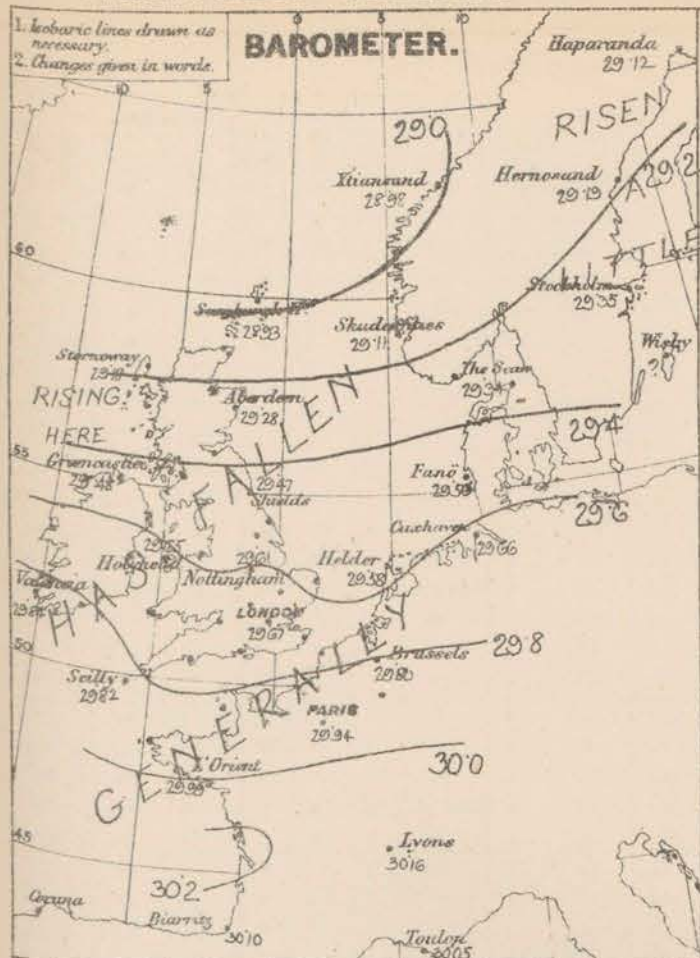
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 Wednesday 18th SEPT^r 1878.

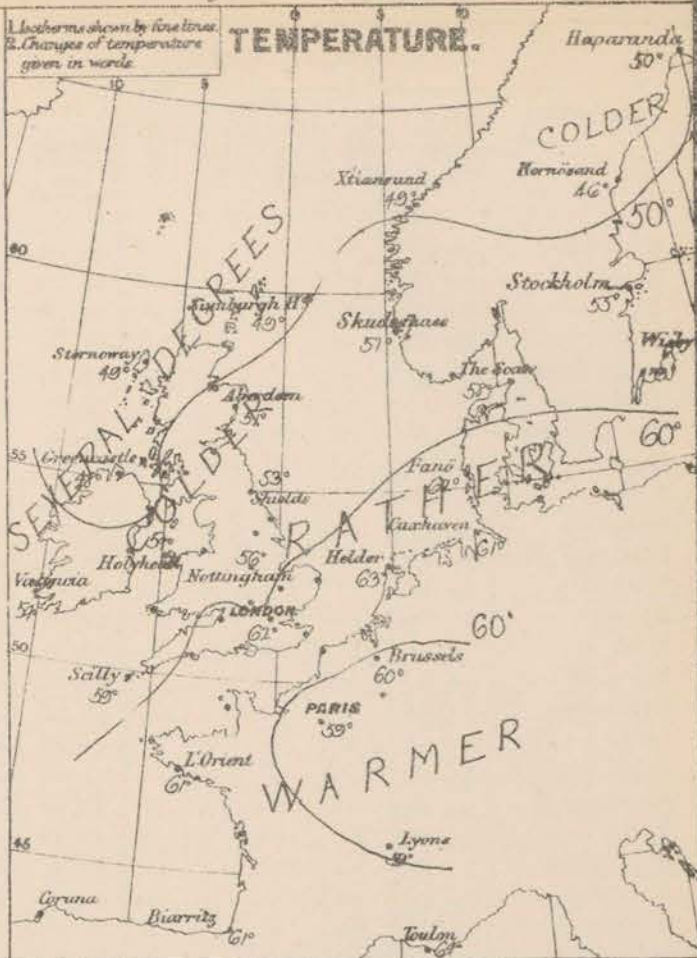
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



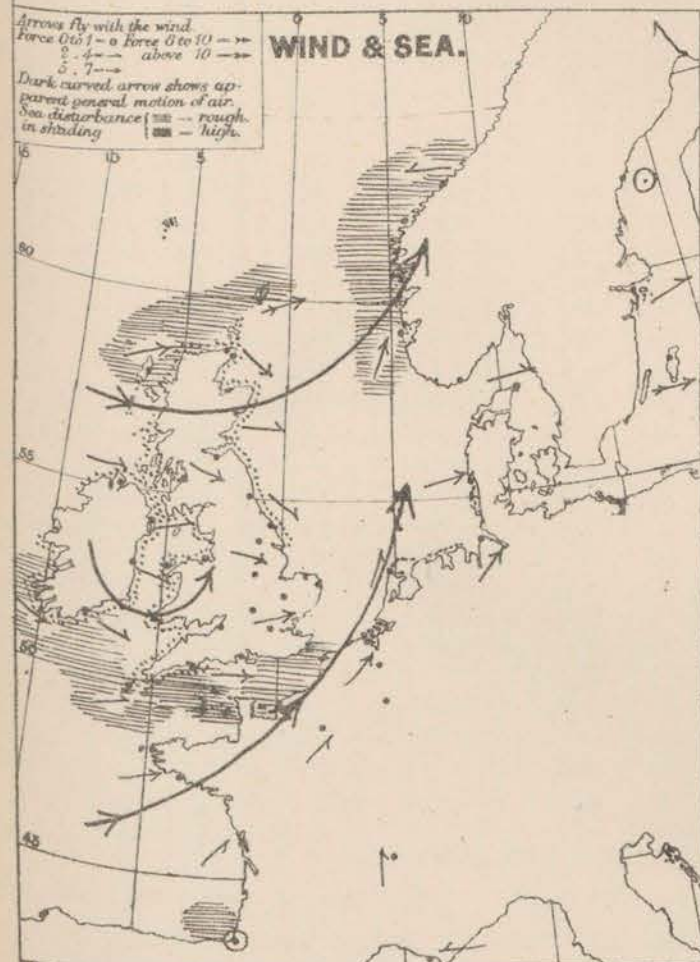
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



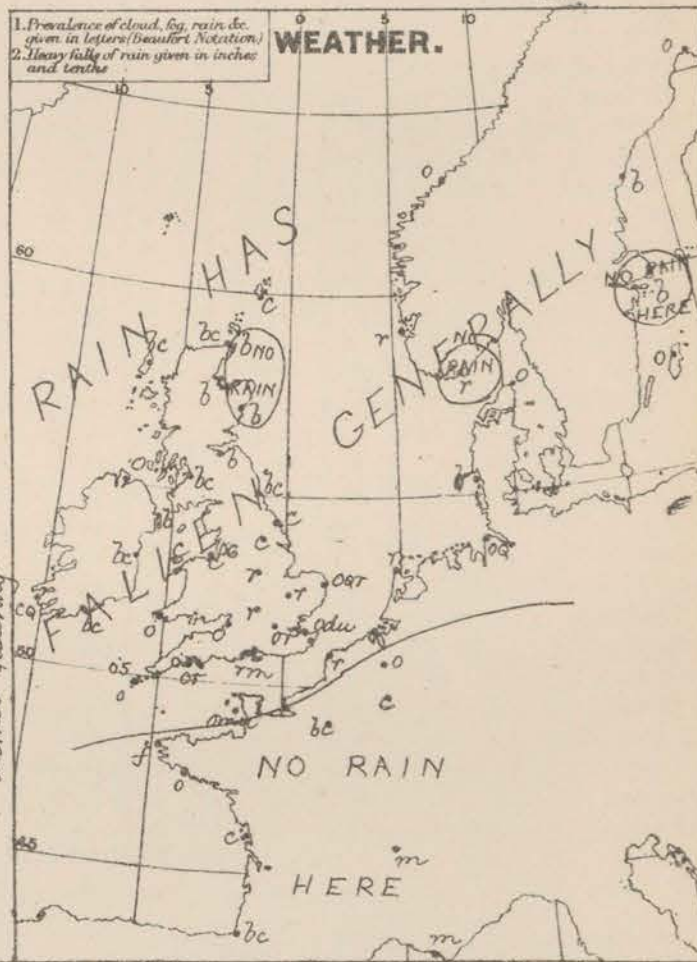
1. Arrows fly with the wind. Force 0 to 10 ——— above 10 ———
2. Dark curved arrow shows apparent general motion of air. Sea disturbance ——— rough in shading ——— high.

WIND & SEA.



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

WEATHER.



REMARKS.

Weather is moderately fine at most of the Scotch stations but is cloudy, overcast and unsettled elsewhere. Fog is reported from Brest, mist from Hurst Castle and Jersey, rain over the whole of the south and south-east of England and in Norway, the Netherlands and north-east of France. Rain has fallen at all but the western and southern French stations during the past 24 hours. Temperature has risen over France, the south-east of England and on the eastern shores of the North Sea, but has fallen elsewhere—very quickly in the west and north. Wind is SW in the south-east, as well as in Denmark and Norway, but is N to WNW on most other coasts: it blows fresh to strongly generally. Sea is light on our east coast, rough in the south; west and north.

Barometrical Indications. Pressure is very unsettled over the whole of Western Europe; it is at present increasing in the west and south-west but decreasing in the east. Readings are highest over the Bay of Biscay, least near the Netherlands, but some small local disturbances are shown over our southern stations.

Fannings. Our south-west, west, north and north-east coasts were warned yesterday.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 8s per quarter, book post 5s per quarter.

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

R.H. SCOTT.
Secretary.

DAILY WEATHER REPORT SEPT^R 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.	
			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 ...	29.26	51	S	2	b	29.14	+0.2	48	48	-2	E	4	2	*	54	45	-	
Hernösand ...	29.03	53	S	2	2	28.99	-0.20	51	50	+5	2	0	0	*	*	*	0.24	
Stockholm ...	29.23	57	SW	4	2	29.22	-0.13	51	50	-4	SW	4	0	*	*	*	0.08	
Wisby ...	29.39	60	SW	2	2	29.30	?	53	50	-6	NW	6	2	*	*	*	0.51	
Christiansund ...	28.96	50	SE	1	b	28.97	-0.01	47	45	-2	SE	1	0	4	52	41	?	
Skudesnaes ...	29.23	52	WSW	7	c	29.21	+0.10	49	46	-8	S	5	2	5	57	45	0.08	
Oxö (Tiansand) ...	29.30	53	WSW	6	be	29.24	-0.01	46	45	-11	NNW	2	2	2	59	45	0.20	
Skagen (The Seaw) ...	29.32	55	W	7	be	29.27	-0.07	50	46	-8	WSW	6	2	6	61	45	0.32	
Fanö ...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	?	50	0.40
Cuxhaven ...	29.54	62	NW	2	2	29.63	-0.03	54	51	-7	WSW	7	c	*	?	50	0.40	
Sumburgh Head ...	29.05	46	WNW	8	2	29.14	+0.21	48	46	-1	WNW	4	c	4	52	45	0.27	
Stornoway ...	29.20	48	SW	5	be	29.28	+0.10	48	47	-1	WSW	5	c	4	52	43	0.14	
Thurso ...	29.20	47	W	3	be	29.26	+0.13	46	45	-2	W	3	c	4	53	43	0.25	
Wick ...	29.21	48	W	4	b	29.27	+0.13	47	45	-2	W	3	b	1	56	42	-	
Nairn ...	29.31	47	W	2	0	29.36	+0.11	47	44	-3	W	1	be	1	57	43	0.03	
Aberdeen ...	29.31	55	WSW	3	be	29.38	+0.10	48	44	-3	W	3	b	1	62	41	-	
Leith ...	29.40	46	W	4	be	29.47	+0.12	50	46	-2	SW	4	be	*	58	44	0.06	
Shields ...	29.49	50	W	3	b	29.60	+0.13	49	46	-4	W	4	b	2	59	44	0.03	
Scarborough ...	29.55	51	W	3	c	29.66	+0.16	53	48	-3	NNW	2	b	2	59	45	-	
York ...	29.58	50	W	3	b	29.68	+0.15	51	47	-4	W	5	b	*	60	45	0.02	
Nottingham ...	29.67	49	SSW	3	be	29.81	+0.20	52	48	-4	WSW	5	b	*	63	43	0.04	
Ardrossan ...	29.44	51	WNW	4	be	29.53	+0.11	53	48	0	W	6	be	4	54	49	0.39	
Greencastle ...	29.52	48	WSW	3	c	29.61	+0.13	47	45	-1	WSW	3	2	*	54	44	0.49	
Donaghadee ...	29.57	45	W	4	be	29.68	+0.13	46	43	-4	W	5	bg	3	55	43	0.04	
Kingstown ...	29.70	53	W	5	b	29.82	+0.15	50	46	-2	W	4	be	3	56	48	0.02	
Holyhead ...	29.67	53	W	6	c	29.83	+0.18	52	47	-2	W	4	be	4	58	50	-	
Liverpool (Bidston) ...	29.62	50	W	6	c	29.75	+0.18	51	48	-3	WSW	6	c	5	?	46	0.27	
Valencia ...	29.92	53	WNW	4	be	29.93	+0.09	55	51	+1	W	4	c	5	59	49	0.09	
Roche's Point... ..	29.89	53	WNW	5	b	29.94	+0.14	52	49	-2	W	4	c	3	58	48	0.03	
Pembroke ...	29.80	55	W	8	b	29.91	+0.19	55	49	-2	W	7	c	4	57	51	-	
Portishead ...	29.77	55	WSW	6	be	?	?	53	49	-8	WSW	3	b	3	61	49	-	
Seilly ...	29.98	57	WNW	7	c	30.04	+0.22	58	55	-1	WNW	6	c	6	60	54	0.07	
Plymouth ...	29.89	56	NW	4	b	30.00	+0.25	54	51	-6	W	4	be	*	62	50	0.02	
Hurst Castle ...	29.85	58	NW	4	b	29.96	+0.25	57	52	-6	W	4	b	5	63	52	0.14	
Dover ...	29.73	55	WNW	8	b	29.94	+0.22	52	48	-10	WSW	3	b	3	63	47	0.07	
London ...	29.75	57	W	3	b	29.94	+0.27	55	50	-7	W	4	b	*	66	46	0.14	
Oxford ...	29.75	54	WSW	3	b	29.90	+0.25	51	47	-8	W	2	b	*	60	47	0.03	
Cambridge ...	29.71	54	W	1	b	29.86	+0.23	50	46	-11	SW	2	b	*	62	44	0.04	
Yarmouth ...	29.62	56	WSW	2	be	29.80	+0.23	50	46	-12	WSW	3	b	2	63	45	0.10	
The Helder ...	*	*	*	*	*	29.73	+0.15	55	51	-8	WSW	4	c	*	*	*	0.59	
Cape Gris Nez ...	29.77	59	WNW	6	c	29.96	+0.20	55	52	-4	WNW	6	be	5	64	54	0.51	
Jersey ...	29.97	57	WNW	6	be	30.09	+0.23	57	52	-4	W	4	ow	4	62	54	0.84	
Brest ...	30.05	?	NNW	4	b	30.12	+0.19	57	55	-4	NW	3	2	4	63	54	0.43	
L'Orient ...	30.04	59	NNW	4	b	30.16	+0.17	57	54	-4	WNW	3	c	3	64	50	0.16	
Rocheport ...	30.03	68	W	5	o	30.17	-0.05	55	52	-8	E	3	c	5	77	54	-	
Biarritz ...	30.13	68	W	3	c	30.19	+0.09	63	59	+2	ENE	2	c	3	70	57	0.08	
Corunna ...	*	*	*	*	*	...	...	...	...	...	...	...	...	...	*	*	*
Brussels ...	*	*	*	*	*	29.96	+0.16	51	47	-9	WSW	4	b	*	62	48	0.63	
Charleville ...	*	*	*	*	*	29.96	+0.02	53	*	-5	WSW	1	b	*	*	*	*	
Paris ...	29.86	61	SW	3	2	30.08	+0.14	53	49	-6	W	3	b	*	*	*	0.24	
Lyons ...	*	*	*	*	*	30.03	-0.13	63	*	+4	N	2	c	*	*	*	*	
Toulon ...	30.03	64	W	3	m	29.96	-0.09	64	57	0	W	4	c	3	75	64	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	%	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.23	55	49	WSW	6	c	5	Valencia	29.89	57	51	WNW	6	c q p 5
Thurso	29.20	48	46	W	6	q p	5	Seilly	29.92	57	55	WNW	6	c p 6
Scarborough ...	29.54	57	50	W	4	be	3	London	29.70	60	55	WSW	3	o *
Greencastle ...	29.48	52	48	WSW	4	2	*	Rocheport ...	30.04	70	?	WNW	5	c 3
Holyhead	29.67	56	51	W	5	be	4							

Pressure is increasing slowly at all stations except Merville, where it has remained steady since the morning and the wind has backed somewhat.

EXPLANATION OF COLUMNS.

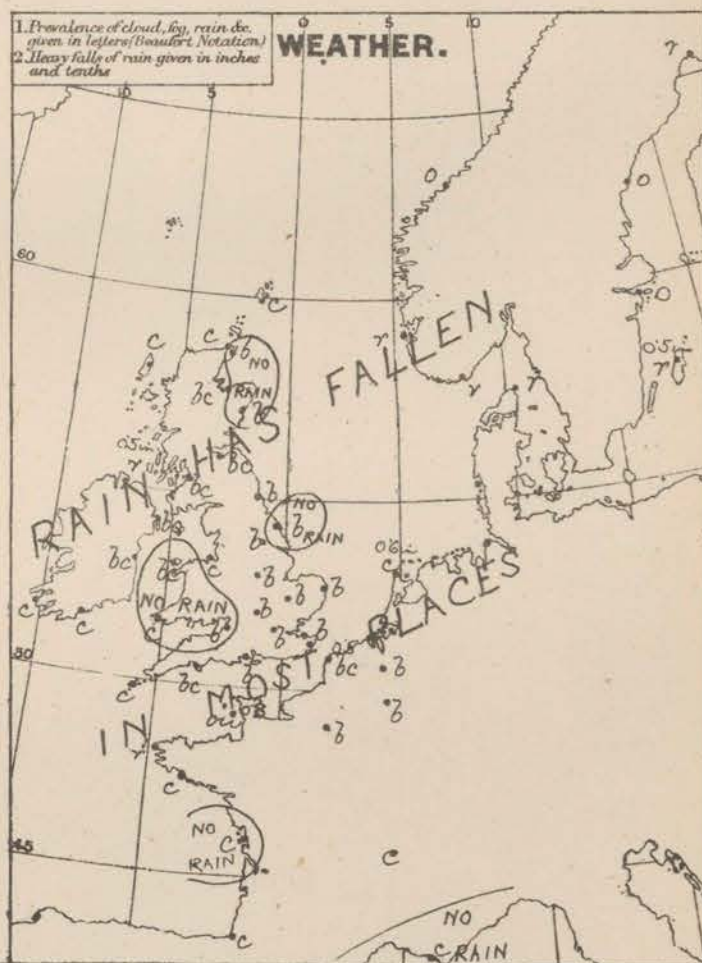
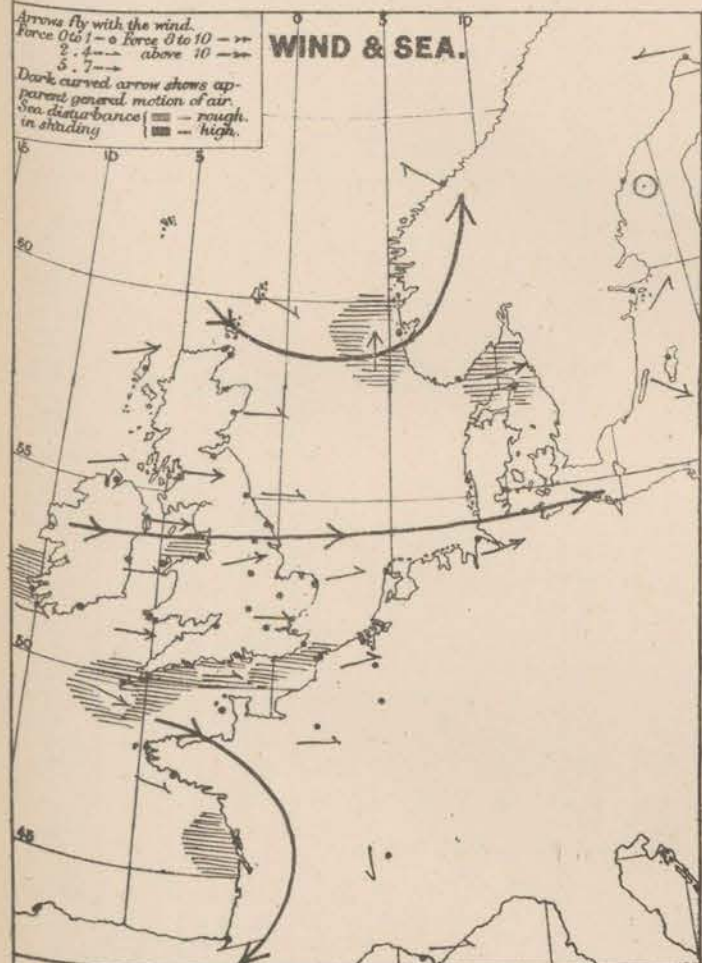
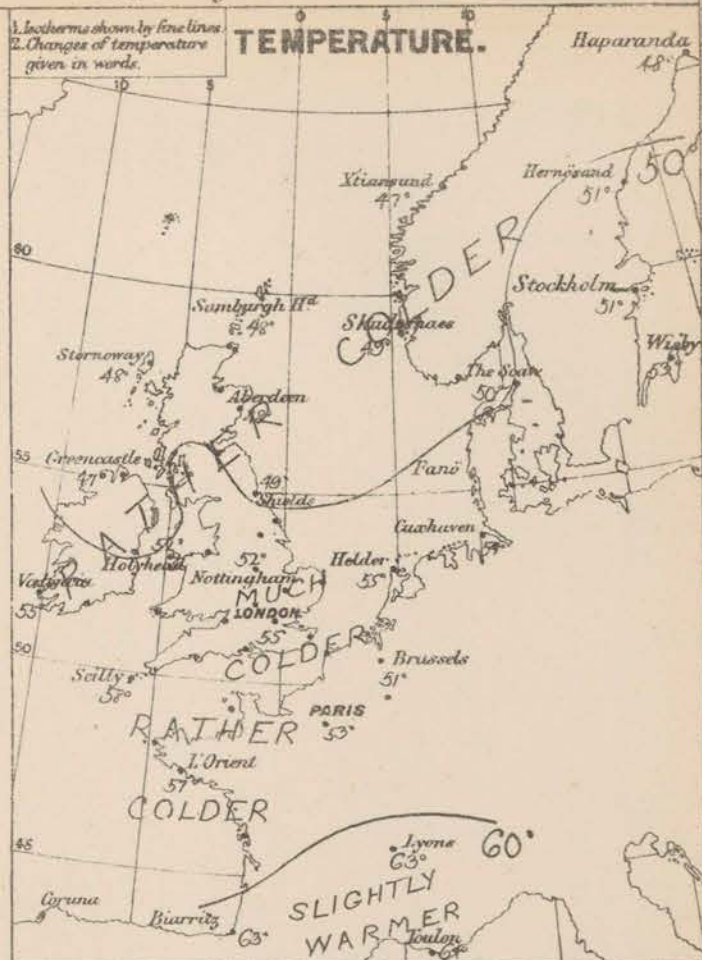
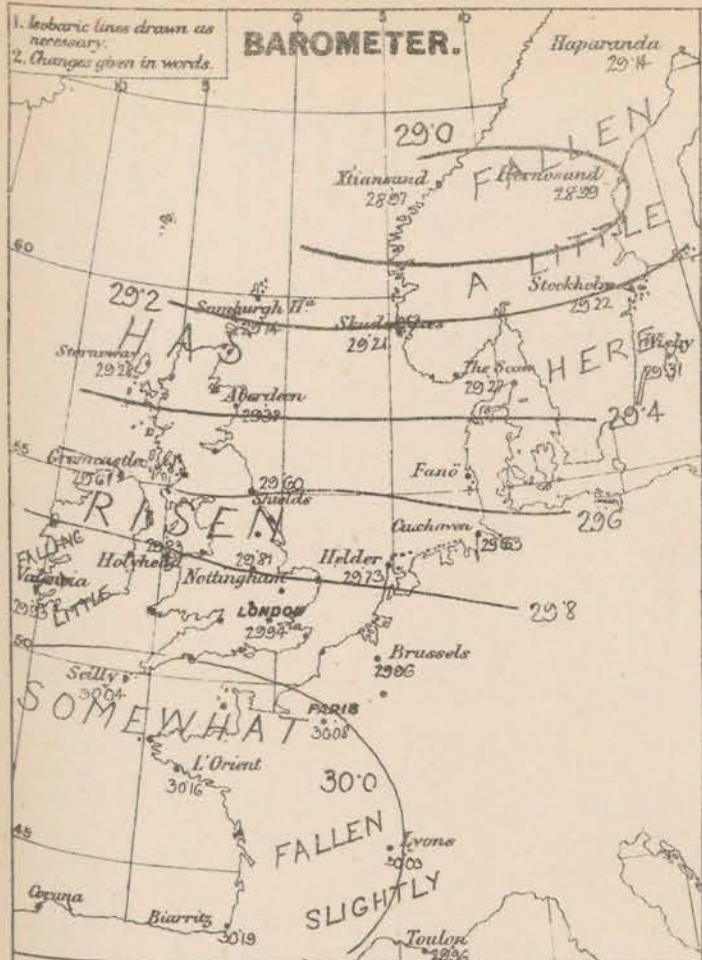
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 THURSDAY 19TH SEPT^R 1878.



REMARKS. Weather is clear at all our more eastern and southern stations as well as over the Netherlands and north east of France but on our western coasts and over Scandinavia the sky is cloudy, with rain at Newcastle and in the south of Norway and Sweden. Rain fell in small amounts in most parts of the country yesterday, and heavily in the north of France and at the Helder. Temperature has decreased in nearly all places - chiefly over the south east of England, the change at Yarmouth being as much as twelve degrees. Wind is W. on all our coasts, but draws into N and E over France and into S. and SE over Norway; it is moderate generally but still blows strongly at some of our western ports. Sea is rough in the west and south, moderate in the Irish Sea, smooth in the east.

Barometrical Indications Pressure has decreased slightly in the south of Ireland since ten last night, but is increasing in all other places. It is highest over the Bay of Biscay, lowest over Scandinavia, and gradients are rather steep.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEPT^R 20TH 1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			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 ...	28.97	51	S	6	o	29.09	-0.5	51	50	+3	S	6	o	*	55	45	0.24		
Hernösand ...	29.08	49	SW	4	o	29.18	+1.9	47	43	-4	SW	2	b	*	*	*	-		
Stockholm ...	29.34	49	SW	4	r	29.48	+2.6	51	51	o	SW	6	be	*	*	*	0.12		
Wisby ...	29.48	53	N	9	be	29.59	+2.9	53	50	o	N	9	be	*	*	*	0.04		
Christiansund ...	28.97	48	WSW	6	o	29.26	+2.9	45	42	-2	N	7	o	5	50	39	0.24		
Skudesnaes ...	29.38	51	WSW	7	e	29.54	+3.3	48	44	-1	WSW	6	e	4	52	?	0.16		
Oxö (Xtiansand) ...	29.44	51	WSW	7	o	29.47	+2.3	49	46	+3	WSW	5	e	4	52	47	-		
Skagen (The Seaw) ...	29.45	51	WSW	8	be	29.50	+2.3	50	48	o	WSW	7	c	6	55	43	0.24		
Fanö ...	29.64	53	WSW	6	be	29.66	+2.1	56	51	+3	WSW	4	be	*	57	48	0.28		
Cuxhaven ...	29.67	?	N	7	o	29.77	+1.4	53	52	-1	SW	4	be	*	55	48	0.05		
Sumburgh Head ...	29.38	47	N	3	be	29.73	+5.9	46	43	-2	N	5	be	4	55	41	0.05		
Stornoway ...	29.50	49	WSW	5	o	29.94	+6.6	46	45	-2	WSW	3	e	3	51	44	0.15		
Thurso ...	29.43	51	N	3	e	29.87	+6.1	49	45	+3	WSW	4	e	4	55	45	0.09		
Wick ...	29.48	48	WSW	3	b	29.85	+5.8	45	43	-2	WSW	3	o	1	57	41	0.07		
Nairn ...	29.50	50	N	3	e	29.92	+5.6	46	44	-1	N	1	e	2	54	44	0.07		
Aberdeen ...	29.46	53	N	1	b	29.85	+4.7	48	45	o	WSW	3	b	1	59	44	0.03		
Leith ...	29.52	49	WSW	4	be	29.88	+4.1	50	46	o	NNE	3	b	*	54	44	-		
Shields ...	29.63	49	WSW	4	be	29.83	+2.3	47	46	-2	N	4	o	3	56	40	0.05		
Scarborough ...	29.69	50	SW	2	e	29.81	+1.5	52	50	-1	WSW	2	e	2	56	44	0.02		
York ...	29.72	49	N	5	r	29.82	+1.4	46	45	-5	WSW	1	b	*	59	38	0.13		
Nottingham ...	29.76	53	SW	3	o	29.85	+0.4	47	47	-5	S	0	b	*	65	39	0.14		
Ardrossan ...	29.56	52	WSW	4	e	29.91	+3.8	48	46	-5	WSW	2	b	2	52	46	0.10		
Greencastle ...	29.61	43	N	3	be	29.97	+3.6	49	48	+2	NNE	2	be	*	55	45	0.41		
Donaghadee ...	29.65	51	N	4	be	29.85	+1.7	53	49	+7	WSW	4	e	3	55	45	-		
Kingstown ...	29.76	51	N	4	be	29.99	+1.7	50	48	o	WSW	6	be	5	57	45	0.17		
Holyhead ...	29.73	48	N	4	be	29.91	+0.8	54	50	+2	N	5	be	4	58	50	0.04		
Liverpool (Bidston) ...	29.73	49	WSW	3	r	29.88	+1.3	51	48	o	NNE	1	b	2	56	47	0.27		
Valencia ...	29.87	54	WSW	3	e	30.14	+2.1	53	50	-2	N	3	e	3	60	50	0.17		
Roche's Point ...	29.87	54	WSW	4	be	30.07	+1.3	53	49	+1	N	4	b	4	59	48	0.08		
Pembroke ...	29.73	58	WSW	6	o	29.92	+0.1	53	50	-2	WSW	6	e	3	59	50	0.15		
Portishead ...	29.83	54	SW	5	r	29.86	?	50	48	-3	WSW	4	be	4	60	46	0.58		
Scilly ...	29.94	59	WSW	6	e	29.99	-0.5	56	53	-2	WSW	7	e	6	62	53	0.41		
Plymouth ...	29.90	58	SW	4	e	29.93	-0.7	50	49	-4	WSW	2	o	*	63	47	0.24		
Hurst Castle ...	29.91	57	N	5	e	29.87	-0.9	51	49	-6	WSW	3	b	4	64	46	0.39		
Dover ...	29.90	57	WSW	3	b	29.82	-1.2	50	49	-2	WSW	3	b	2	61	49	0.03		
London ...	29.87	57	N	2	b	29.85	-0.9	52	50	-3	N	2	b	*	61	45	0.10		
Oxford ...	29.84	54	N	1	be	29.86	-0.4	47	45	-4	N	1	be	*	60	42	0.34		
Cambridge ...	29.81	54	SW	2	e	29.82	-0.4	48	46	-2	N	1	b	*	63	42	0.06		
Yarmouth ...	29.80	54	WSW	2	b	29.77	-0.3	48	47	-2	WSW	1	bm	1	59	45	0.04		
The Helder ...	*	*	*	*	*	29.70	-0.3	54	53	-1	SSE	1	r	*	*	*	0.59		
Cape Gris Nez ...	29.91	59	WSW	6	o	29.84	-1.2	54	52	-1	WSW	4	o	3	63	52	0.63		
Jersey ...	30.03	60	WSW	5	e	29.95	-1.4	55	50	-2	WSW	5	be	5	62	52	0.12		
Brest ...	30.07	?	N	4	o	30.03	-0.9	54	52	-3	N	4	be	4	63	50	0.08		
L'Orient ...	30.10	57	WSW	3	be	30.00	-1.6	55	52	-2	WSW	5	b	4	66	52	-		
Rocheport ...	30.13	64	NN	2	be	30.04	-1.3	61	61	+6	N	4	be	3	72	50	-		
Biarritz ...	30.09	68	NNE	4	o	30.12	-0.7	59	55	-4	SSW	1	o	4	72	55	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	29.82	-1.4	51	50	o	SW	6	r	*	59	50	0.16		
Charleville ...	*	*	*	*	*	29.88	-0.8	50	*	-3	S	3	e	*	*	*	*		
Paris ...	30.04	59	SW	2	o	29.90	-1.8	52	50	-1	SSW	4	o	*	*	*	-		
Lyons ...	*	*	*	*	*	30.06	+0.3	61	*	-2	WSW	2	o	*	*	*	*		
Toulon ...	29.92	72	N	5	e	29.96	o	64	63	o	SW	1	m	3	79	61	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.30	52	48	N	7	e	5	Valencia	29.87	55	54	N	3	29	4
Thurso	29.32	54	50	N	5	bc	5	Scilly	30.01	60	57	N	6	c	6
Scarborough ...	29.69	55	50	WSW	4	bc	8	London	29.92	60	54	WSW	3	e	*
Greencastle ...	29.65	53	49	N	3	e	*	Rocheport ...	30.13	70	59	E	2	e	3
Holyhead	29.77	56	51	N	5	e	4								

Pressure is decreasing slowly in the S. and S.W. increasing elsewhere. At Valencia the weather is gloomy and rainy.

EXPLANATION OF COLUMNS.

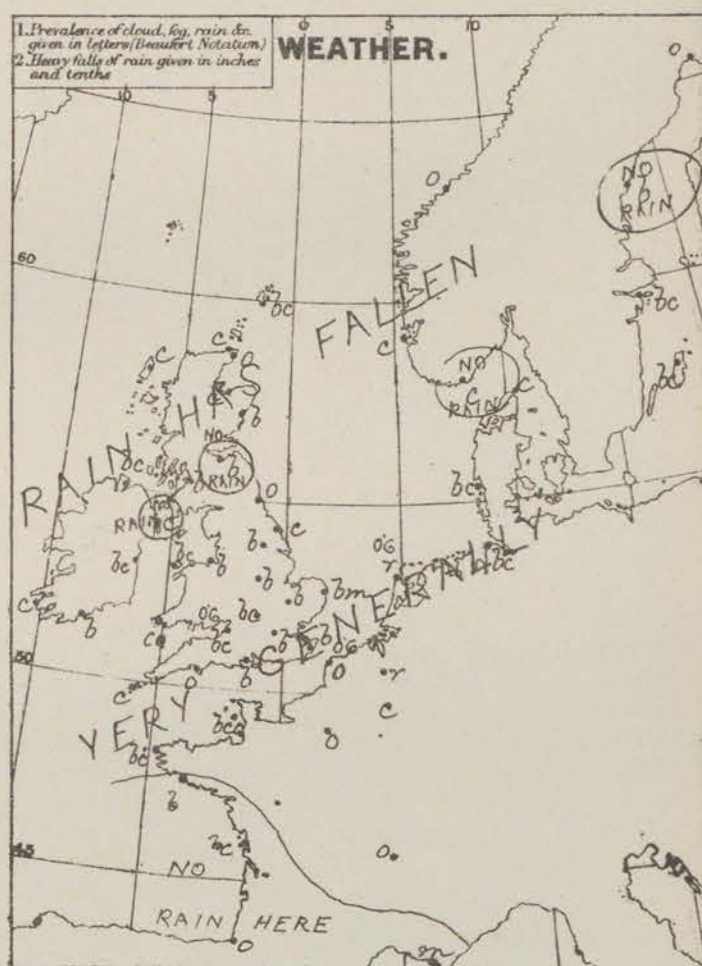
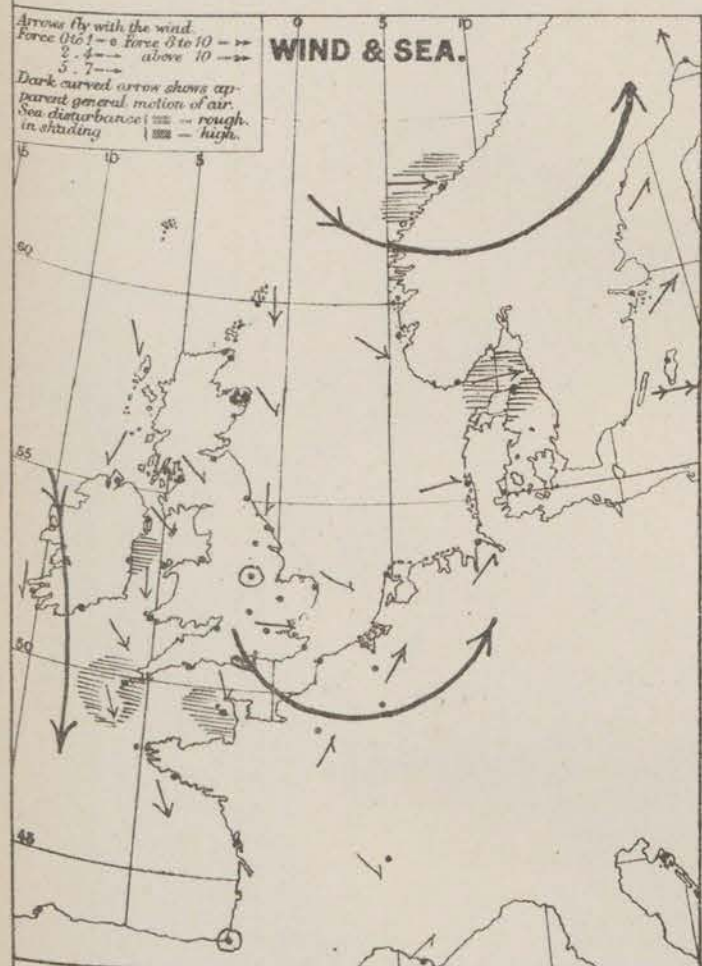
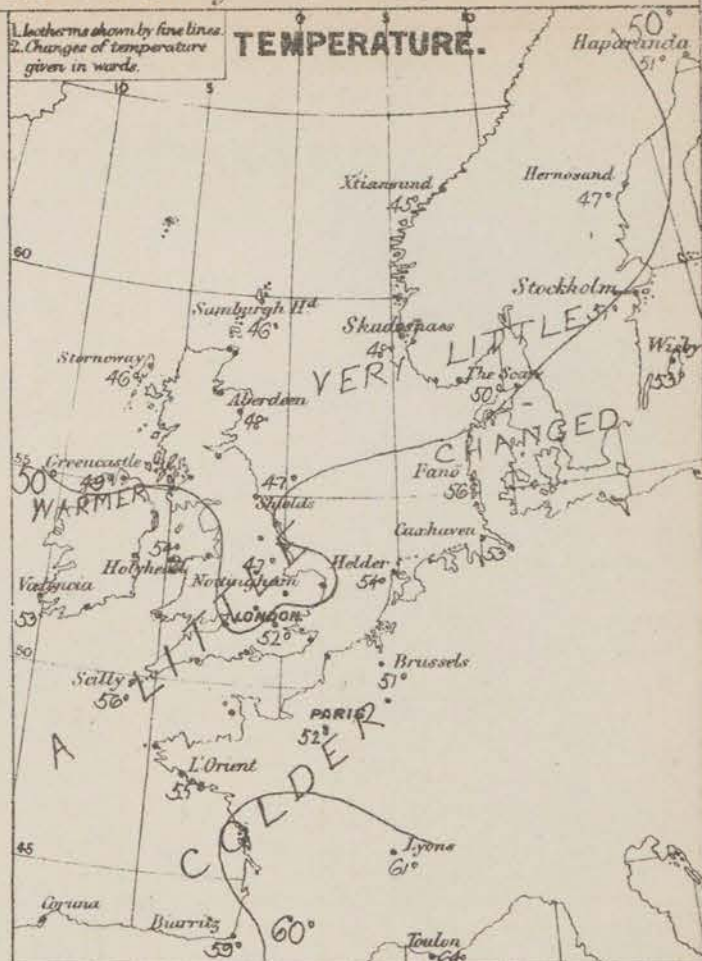
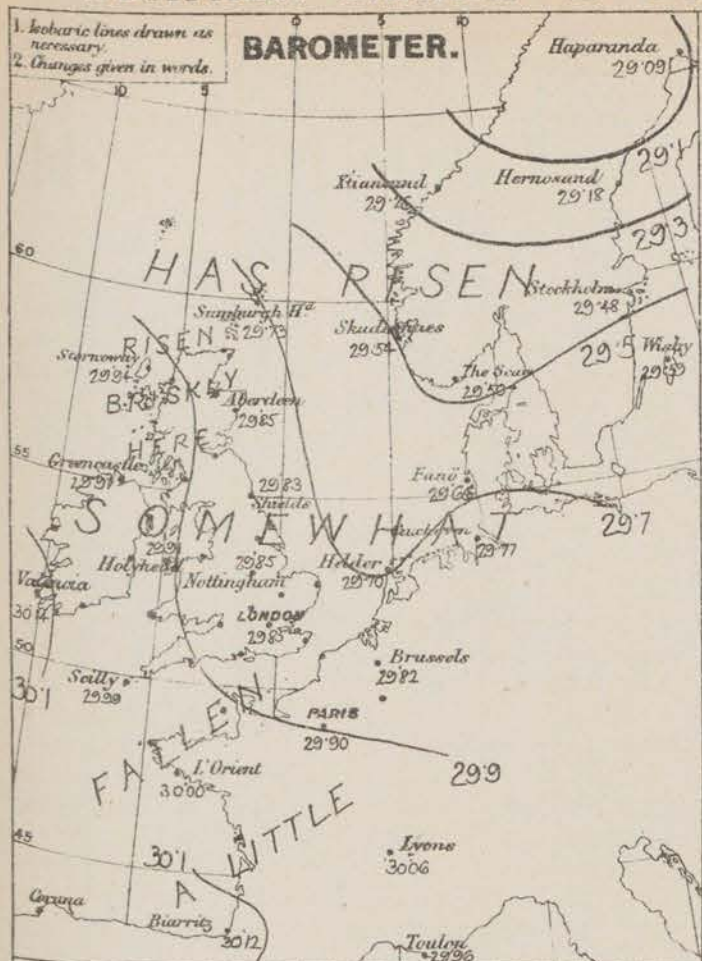
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Friday 20th SEPT^r 1878.



REMARKS. Weather is fine and bright at most of our more eastern and southern stations, but is cloudy in the west and north, as well as over the greater part of the Continent. Rain is falling at the Helder. Thunderstorms occurred at Fano and in the south west of England yesterday. Rain has fallen over nearly the whole of Western Europe during the past 24 hours - heavily at the Helder and Cape Breton (0.6 in). Temperature has risen a few degrees in the north of Ireland, but has fallen elsewhere; it at present varies over these islands from 56° at Scilly to 45° at Wick, while during last night the thermometers in the shade fell to 38° at York, to 39° at Nottingham and 45° in London. Wind is still W or SW over Scandinavia, but on our coasts it has shifted to NW or N; it is light to moderate in force except in the south west, where it blows strongly. Sea is rough in the western part of the Channel, slight to smooth elsewhere.

Barometrical Indications. Pressure has increased rapidly in the north of Scotland during the past night, and briskly over the greater part of the country, but in the south east and over France it has decreased. Readings are highest to the W of Ireland, and lowest over the north of Sweden, but a small subsidiary disturbance which travelled across our islands last night is shown off the Dutch coast.

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

DAILY WEATHER REPORT

SEPT^r 21st 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 3.)	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 ...	29.25	50	S	8	bc	29.25	+16	46	43	-5	S	6	0	*	54	41	-	
Hernösand ...	29.38	39	Z	0	b	29.53	+35	42	39	-5	SW	2	b	*	*	*	-	
Stockholm ...	29.73	47	WSW	6	b	29.63	+15	48	47	-3	SW	4	bc	*	*	*	0.04	
Wisby ...	29.66	53	WSW	8	b	29.71	+12	53	49	0	W	3	bc	*	*	*	-	
Christiansund ...	29.46	45	W	6	bc	29.62	+36	48	46	+3	W	6	N	6	48	39	0.24	
Skudesnaes ...	29.74	46	WNW	5	c	29.85	+31	46	44	-2	NNE	2	c	3	50	46	0.04	
Öxö (Årland) ...	29.68	48	WNW	4	b	29.78	+31	44	40	-5	W	2	b	2	58	43	-	
Skagen (The Sæw)	29.65	51	W	5	b	29.75	+25	48	42	-2	WNW	4	b	3	57	43	0.08	
Fanö ...	29.84	50	WNW	4	c	29.90	+24	52	47	-4	W	4	bc	*	59	43	0.08	
Guxhaven ...	29.81	55	W	1	bc	29.98	+21	51	50	-2	NNE	1	b	*	55	48	0.62	
Sumburgh Head	29.81	43	W	3	c	29.95	+22	47	43	+1	NNE	3	c	3	50	42	0.22	
Stornoway ...	29.97	49	WNW	5	c	29.98	+04	47	46	+1	WNW	4	bc	3	51	41	0.04	
Thurso ...	29.94	48	W	4	bc	30.01	+14	44	43	-5	S	1	bm	3	54	36	0.16	
Wick ...	29.90	49	WNW	4	0	30.01	+16	45	43	0	SW	1	b	0	54	33	0.17	
Nairn ...	30.00	49	W	2	c	30.04	+12	44	41	-2	Z	0	b	1	54	41	-	
Aberdeen ...	29.98	52	WNW	2	bc	30.03	+18	47	45	-1	W	1	b	1	54	43	-	
Leith ...	29.99	53	W	3	bc	30.04	+16	46	45	-4	WSW	1	bm	*	62	42	-	
Shields ...	30.04	51	W	1	b	30.09	+26	45	43	-2	W	2	bm	1	54	40	0.45	
Scarborough ...	30.04	51	WNW	2	b	30.11	+30	51	47	-1	WNW	2	b	2	54	42	0.01	
York ...	30.06	50	NNE	1	b	30.13	+31	43	42	-3	W	1	b	*	56	37	0.02	
Nottingham ...	30.15	48	Z	0	bc	30.17	+32	46	45	-1	S	2	bm	*	55	39	0.03	
Ardrossan ...	30.05	54	WNW	3	c	30.07	+16	52	49	+4	SW	1	0	2	59	48	0.02	
Greencastle ...	30.12	52	W	2	c	30.08	+11	50	48	+1	SW	2	0	*	56	44	0.03	
Donaghadee ...	30.02	53	WNW	3	bc	30.12	+27	49	48	-4	WSW	3	bc	2	56	44	-	
Kingstown ...	30.15	55	WNW	4	bc	30.19	+20	47	45	-3	Z	0	b	1	55	45	-	
Holyhead ...	30.11	54	WNW	4	b	30.16	+25	52	47	-2	WNW	2	b	2	57	49	-	
Liverpool (Bidston)	30.08	52	WNW	1	b	30.15	+27	52	49	+1	W	1	b	3	57	50	-	
Valencia ...	30.21	55	WNW	1	bc	30.10	-04	53	52	-0	SSE	4	op	4	60	49	0.03	
Roche's Point...	30.23	54	WNW	4	b	30.18	+11	53	50	0	SSE	1	0	2	58	44	-	
Pembroke ...	30.13	53	W	3	bc	30.19	+27	?	48	?	WNW	1	b	0	58	50	0.06	
Portishead ...	30.07	55	NNE	3	bc	30.18	+32	50	48	0	WNW	2	bm	2	64	43	-	
Scilly ...	30.18	57	W	6	bc	30.22	+23	60	54	+4	Z	0	bc	2	60	53	-	
Plymouth ...	30.01	56	WNW	4	b	30.20	+27	49	48	-1	W	2	0	*	61	44	0.04	
Hurst Castle ...	30.02	57	W	3	b	30.19	+32	48	46	-3	WNW	1	bm	1	61	42	0.01	
Dover ...	29.98	54	WNW	3	b	30.17	+35	50	48	0	WNW	2	b	1	57	45	-	
London ...	30.03	55	WNW	4	bc	30.18	+33	49	47	-3	WNW	1	b	*	57	40	-	
Oxford ...	30.05	52	W	1	0	30.20	+34	45	43	-2	Z	0	0	*	58	40	0.01	
Cambridge ...	30.18	53	WNW	1	b	30.17	+35	48	47	0	W	1	b	*	62	40	-	
Yarmouth ...	29.96	53	WNW	4	b	30.14	+37	48	47	0	WNW	2	bm	4	57	41	0.07	
The Helder ...	*	*	*	*	*	30.07	+37	53	50	-1	WNW	1	c	*	*	*	0.71	
Cape Gris Nez	29.98	55	WNW	3	c	30.17	+33	54	50	0	WNW	3	b	3	61	52	0.08	
Jersey ...	30.08	55	WNW	2	bc	30.25	+30	54	51	-1	Z	0	c	4	59	51	-	
Brest ...	30.16	?	W	4	bc	30.24	+21	50	48	-4	NE	2	b	3	61	46	-	
L'Orient ...	30.15	59	WNW	4	bc	30.24	+24	54	52	-1	W	2	b	2	64	48	-	
Rochefort ...	30.07	66	WNW	5	bc	30.21	+17	52	50	-9	ESE	3	b	3	72	50	0.12	
Biarritz ...	30.10	68	W	4	bc	30.21	+09	55	52	-4	ESE	2	b	4	70	50	0.28	
Corunna ...	*	*	*	*	*	30.12	+30	51	50	0	Z	0	b	*	58	46	0.43	
Brussels ...	*	*	*	*	*	30.07	+19	46	*	-4	SSE	1	m	*	*	*	*	
Charleville ...	*	*	*	*	*	30.18	+28	50	47	-2	NNE	1	b	*	*	*	0.04	
Paris ...	29.99	55	WNW	3	b	30.13	+07	58	*	-3	NE	2	b	*	*	*	*	
Lyons ...	*	*	*	*	*	29.90	-06	59	52	-5	WNW	5	0	0	68	57	-	
Toulon ...	29.91	68	WNW	5	c	29.90	-06	59	52	-5	WNW	5	0	0	68	57	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	3	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.69	49	44	W	8	c	5	Valencia	30.21	57	50	W	3	bc	3
Thurso	29.94	51	48	W	4	0	4	Scilly	30.12	58	53	W	6	bc	6
Scarborough ...	29.98	54	49	W	5	bc	5	London	29.95	57	52	W	3	c	*
Greencastle ...	30.08	54	48	W	2	c	*	Rochefort ...							
Holyhead	30.06	55	49	W	5	b	4								

Pressure is increasing over the whole of these islands with N^{ly} breezes and fair weather.

EXPLANATION OF COLUMNS.

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

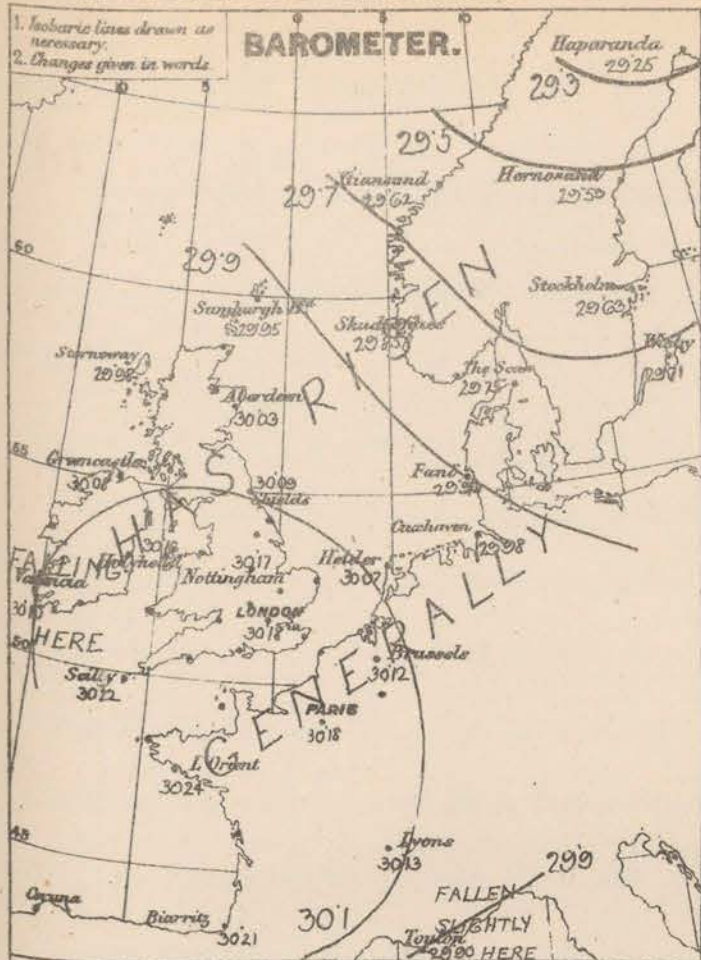
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 21ST SEPT^R 1878.

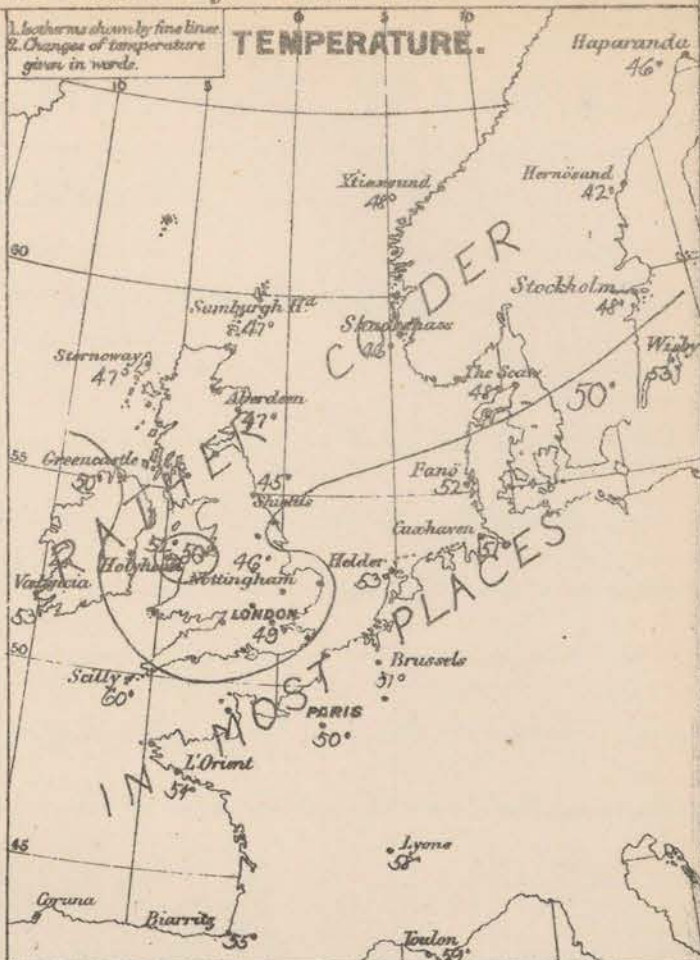
1. Isobars lines drawn as necessary.
2. Changes given in words.

BAROMETER.



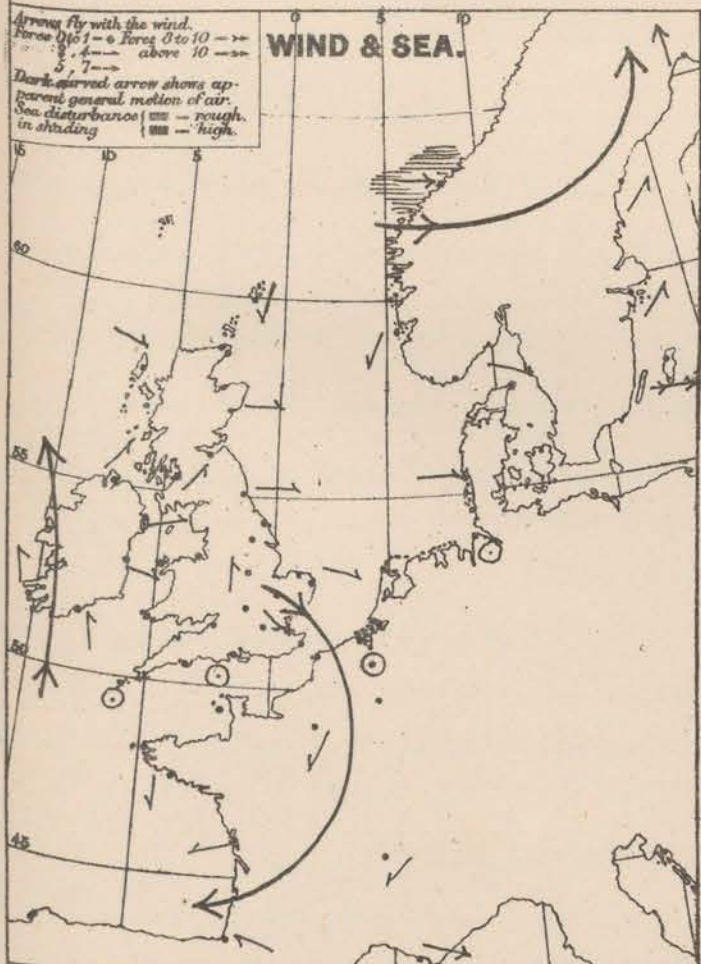
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



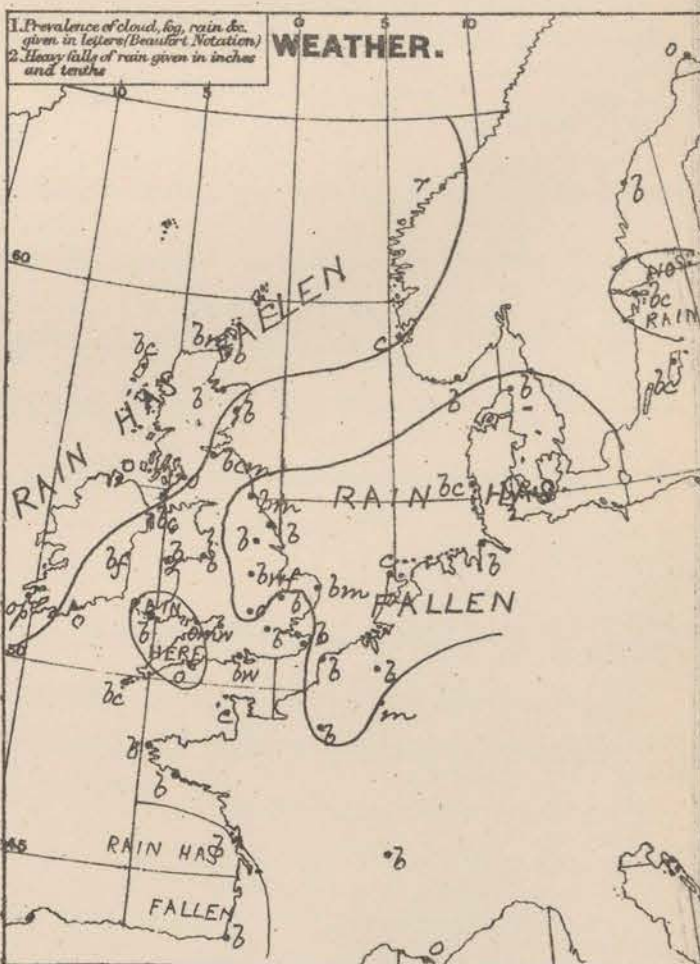
1. Arrows fly with the wind. Force 0 to 10 - - - above 10 - - -
2. Dark curved arrow shows apparent general motion of air.
3. Sea disturbances (---) rough, in shading high.

WIND & SEA.



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

WEATHER.



REMARKS. Weather is dull at some of our western and south-western stations, with clouds at Valentia but elsewhere the sky is clearer nearly so. A good deal of fog and mist prevails. Night rain has fallen in many parts of the country. Temperature has decreased generally; it at present varies from 60° at Lillie to 43° at York and 46° at Thurso, while during the past night the thermometer in the shade fell to 33° at Wick, to 37° at York and to about 40° at our other inland stations. Wind is moderate from SE at Valentia, but is light from W. to N.W. on our other coasts, and from NE over France. Sea is moderate to smooth.

Barometrical Indications. Pressure is decreasing over Ireland but increasing in all other places - quickly in the east and south-east. A large area of high and uniform readings lies over England, Ireland and France.

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.

SUMMARY OF WEATHER IN WESTERN EUROPE

from SEPT 15th to SEPT 21st 1878.

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

This week opened with a very serious disturbance, a decrease of pressure of 0.8 in. had occurred during the night on our NW. coasts, and over the whole of these Islands the mercury was falling briskly. Readings were highest over France and gradients were very steep. Wind was SW^{ly} to S^{ly} on our coasts, and while strong generally, reached a fresh gale in the N. of Scotland and at Valentia. During Monday the disturbance passed slowly away, E^{ly}, and hard W^{ly} to NW^{ly} gales prevailed over the greater part of our Islands. In its rear the barometer rose quickly, but the recovery did not last long, for on Tuesday night and Wednesday morning the barometer was falling at all stations, with strong W^{ly} to SW^{ly} winds, and rainy weather over England. On Thursday the barometer was rising everywhere except in Sweden, but in the evening it was falling again in the S., though rising in the N. This change continuing, high pressures were established in the W. and NW., and N^{ly} breezes prevailed on our coasts; with a brisk fall of temperature, and fair, dry weather. On Saturday a large area of high pressure lay over Ireland, England and France, the weather was fine and bright generally and the barometer rising with light breezes except at Valentia, where a fall had commenced with a SSE^{ly} wind. This fall became brisker during the day and extended to all our stations, while the wind in the S. of Ireland rose to a fresh gale from S. with gloomy, wet weather, the change gradually spreading E^{ward} later in the evening.

SUNDAY 15th SEPT.

Weather fair in the S.E. and over France, dull or cloudy elsewhere, with rain in some places. Rain subsequently fell generally, the amounts at some stations being large.

Temperature higher and very uniform varying from 63° to 57°. In London thermometer reaching 72° during the day, but not touching 70° elsewhere.

Wind SW^{ly} on most coasts but drawing into SSE. in the N. of Scotland, blowing strongly generally, and reaching a gale in the Hebrides and Shetlands, strong SW^{ly} gale blowing over the whole country later in the day.

Sea rough to high except in the east.

Barometer falling except in Scandinavia, - rapidly in the N. Deep depression advancing to NW. coast of Scotland and passing slowly E^{ward} during the day.

MONDAY 16th SEPT.

Weather fine except in the extreme N. of Scotland and over Norway, continuing fair generally all day. Some rain falling to the NW^{ly} of Aberdeen and in the NE. of England.

Temperature lower in nearly all places - from 5° to 12° in the N. and W. - and varying from 60° in the SW. to 49° at Wick.

Winds still SW^{ly} in Caithness and the Shetlands, but veered to W. or NW. elsewhere, blowing strongly on nearly all coasts, and a gale in the NW., NE., and N. decreasing gradually later in the day.

Sea rough to high except in the east.

Barometer rising over the whole of these Islands all day, the change being rapid in the N. and brisk generally. The depression noticed on the 15th travelling away over Scandinavia.

TUESDAY SEPT 17th

Weather fine at some of our E^m stations but generally cloudy or dull, rain falling in N.W. and becoming general later in day.

Temperature lower Norway and the E. and S. of France, higher these Islands, several degrees in the NE, maximum reading varying between 65° and 68° at central stations.

Wind NE² in Southern half of Bay of Biscay, N² to SW² in all other parts of W^m Europe; light in force over France, but blowing strong to a gale on our coasts and over the North Sea; falling lighter ^{later} in the day. Sea rough ^{except} on E. coast.

Barometer rising on E^m shores of the North Sea and over France, falling again over these Islands. Depression still shown off Norwegian coast.

WEDNESDAY SEPT 18th

Weather clear or fine in N. and W. overcast and cloudy elsewhere; rain falling in the SE of England, NE. of France, the Netherlands, and S. of Norway, and subsequently becoming general. Weather fair generally in evening.

Temperature higher in the SE. several degrees lower in the N. and W.; reading varying from 63° at Hurst Castle, to 48° at Thurso and Morville, maxima ranging between 62° and 66°.

Wind SW² in SE. and over Denmark and Norway, N² to N.W. generally; fresh to strong in force at 8 am, blowing moderate to fresh gale in W. later in day. Sea rough in S., SW., and N.

Barometer rising in the W. and N.W. of our Islands and over Sweden, falling elsewhere. Reading highest over the Bay of Biscay, lowest off the W. coast of Norway, but small subsidiary depressions over S. England. Pressure increasing everywhere in the evening.

THURSDAY SEPT 19th

Weather fine and bright over nearly the whole of England, the E. of Scotland, and NE. of France, cloudy or dull in most other places, with rain at Breancliffe and in the S. of Scandinavia. Rain falling generally during the day.

Temperature many degrees lower in the SE. of England, fallen slightly at most stations. Reading varying from 58° at Selly to 46° at Wick.

Wind still E² in the N. of France, but N² on all ^{our} coasts and over the North Sea; fresh to moderate in force except at some W^m ports.

Sea rough in the S. and SW. as well as at Liverpool and off the W. and S. of Norway.

Barometer rising except over Norway and Sweden; centre of the depression near Christiansund, the highest reading still lying over W^m France. Pressure going way in the S. of Ireland in evening, and small subsidiary passing E^m.

FRIDAY SEPT 20th

Weather cloudy or dull over the Netherlands and E. of France as well as in the extreme N. of Scotland, clear or moderately so elsewhere. Rain falling at the Helles at 8 am and in many other places during the day.

Temperature decreased except in the N. of Ireland, reading varying from 56° at Selly to 45° at Wick. The night also cold, thermometer in the shade falling to 33° at Wick, to 37° at Y^{ork}, and 40° at our other inland stations.

Wind N² to NW² on all our coasts, strong in force in the W. and SW. Sea rough in the SW. at the Skaw and Christiansund.

Barometer falling in SE, rising quickly in N. NW. and NE. The large depression still in the N. of Scandinavia, but a small disturbance shown off the Outer coast. Reading highest off the W. of Ireland, and barometer rising everywhere in the afternoon.

SATURDAY SEPT 21st

Weather dull at some of our W^m and SW^m stations and in the N. of Norway, but very fine and bright over the greater part of W^m Europe. Rain subsequently setting in in the W. and N.; half an inch falling at Valentia and an inch a quarter at Cork.

Temperature not changing much but falling at most stations at 8 am, rising briskly afterwards. Maxima uniform over the country, varying from 54° in the extreme N. to 62° in the S. Wind light or moderate in force; from W. on most of our coasts and from N. and NE. over France; a S² breeze, however appearing at Valentia increasing to a gale later in the day.

Sea moderate to smooth except at Christiansund in the morning, but becoming rough in the S. of Ireland in the afternoon.

Barometer falling at Valentia and decrease subsequently becoming brisker & general

Meteorological Office,

116 Victoria Street, Westminster, S. W.

ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT

SEPT 22ND

1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 320 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 320 P. and Sea Level.	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 ...	29.37	50	SW	6	b	29.49	+24	46	43	0	N	2	6	*	50	39	0.08		
Hernösand ...	29.70	47	SW	4	b	29.84	+31	48	43	+6	NNH	4	6	*	*	*	-		
Stockholm ...	29.79	45	SW	4	b	29.95	+32	48	45	0	N	2	6	*	*	*	-		
Wiesby ...	29.78	52	NNH	8	b	29.97	+26	52	48	-1	NNH	6	6	*	*	*	-		
Christiansund ...	29.89	46	N	4	f	29.91	+29	45	44	-3	SW	4	6	6	48	41	0.16		
Skudesnaes ...	29.99	46	NNH	4	f	30.00	+15	48	45	+2	SSE	4	0	2	50	46	-		
Oxö (Xiansand) ...	29.92	50	NNH	4	b	30.01	+23	47	42	+3	NNH	4	6	3	57	43	-		
Skagen (The Seaw)	29.91	48	NH	3	b	30.01	+26	50	46	+2	NNH	3	6	2	59	41	-		
Fanö ...	30.05	48	NNH	3	c	30.10	+20	54	50	+2	ENE	3	6	*	57	45	0.16		
Cuxhaven ...	30.11	54	NNH	3	c	30.15	+17	57	57	0	SSW	1	6	*	55	46	0.19		
Sumburgh Head ...	29.95	48	WSW	2	c	29.74	-21	52	49	+5	SSE	5	0	5	54	43	-		
Stornoway ...	29.84	52	SE	6	o	29.45	-53	54	54	+7	SE	6	0	6	54	45	0.07		
Thurso ...	29.96	50	SSW	2	o	29.63	-38	52	51	+8	SSE	4	0	3	59	43	0.01		
Wick ...	29.91	52	SW	2	o	29.64	-37	54	51	+9	NNH	5	0	3	56	41	-		
Nairn ...	29.94	52	W	0	c	29.54	-50	56	53	+12	SSW	1	0	1	56	42	-		
Aberdeen ...	29.98	52	S	3	o	29.74	-29	53	51	+6	S	4	0	1	55	47	-		
Leith ...	29.99	53	SW	2	c	29.70	-34	53	51	+7	SSW	4	0	*	56	45	-		
Shields ...	30.08	54	S	1	o	29.84	-25	57	48	+6	S	3	0	1	56	43	0.02		
Scarborough ...	30.11	53	SSE	1	o	29.91	-20	49	47	-2	S	3	0	2	57	47	-		
York ...	30.12	52	N	1	b	29.91	-22	49	47	+6	S	3	0	*	59	41	-		
Nottingham ...	30.13	52	W	0	c	29.92	-25	52	48	+6	SSE	3	0	*	62	44	-		
Ardrossan ...	29.97	54	S	3	o	29.64	-43	56	54	+4	S	6	0	6	57	52	0.06		
Greencastle ...	29.91	54	SE	3	o	29.56	-52	53	51	+3	SW	3	0	*	57	48	0.04		
Donaghadee ...	29.97	53	SSW	2	c	29.63	-49	53	53	+4	S	8	0	6	56	48	0.19		
Kingstown ...	30.02	55	S	2	c	29.66	-53	54	52	+7	N	4	0	3	57	45	0.11		
Holyhead ...	30.05	56	SW	2	c	29.71	-45	55	52	+3	S	5	0	4	59	51	0.07		
Liverpool (Bidston)	30.09	53	NNH	1	b	29.89	-35	54	49	-1	SE	3	0	1	57	48	-		
Valencia ...	29.85	57	S	8	o	29.67	-43	53	50	0	NNH	2	0	2	59	48	0.56		
Roche's Point...	30.07	56	SSW	6	o	29.67	-37	48	46	-5	E	2	0	4	60	48	1.22		
Pembroke ...	30.09	57	S	4	o	29.76	-43	58	57	?	S	7	0	6	59	54	-		
Portishead ...	30.15	55	SSE	2	c	29.84	-34	55	53	+5	SE	4	0	3	62	48	-		
Scilly ...	30.12	57	SSW	5	o	29.76	-46	57	56	-3	S	8	0	6	62	55	0.40		
Plymouth ...	30.14	57	SSW	2	c	29.86	-34	57	54	+8	SSE	5	0	*	61	48	-		
Hurst Castle ...	30.17	58	N	3	c	29.94	-28	60	55	+12	SSW	5	0	6	62	46	-		
Dover ...	30.19	55	NNH	2	b	30.04	-13	56	51	+6	SSW	5	0	4	60	48	-		
London ...	30.18	55	NNH	1	b	29.98	-20	54	51	+5	ESE	2	0	*	60	43	-		
Oxford ...	30.14	52	W	0	o	29.95	-25	57	48	+6	N	2	0	*	61	44	-		
Cambridge ...	30.15	57	SW	1	o	29.97	-20	57	48	+3	S	1	0	*	61	46	-		
Yarmouth ...	30.15	55	W	0	b	30.03	-11	54	50	+6	S	2	0	2	58	46	-		
The Helder ...	*	*	*	*	*	30.09	+02	45	44	-8	S	1	0	*	*	*	-		
Cape Gris Nez ...	30.18	59	N	2	b	30.06	-11	52	46	-2	S	2	0	1	61	48	-		
Jersey ...	30.21	55	W	0	b	30.01	-24	56	54	+2	S	5	0	5	62	53	-		
Brest ...	30.25	72	S	1	b	29.99	-25	59	55	+9	S	4	0	4	?	48	-		
L'Orient ...	30.21	59	SW	2	b	30.00	-24	59	54	+5	S	4	0	3	66	52	-		
Rochefort ...	30.17	64	NNH	2	b	30.07	-14	52	50	0	ESE	4	0	4	70	46	-		
Biarritz ...	30.14	66	N	4	b	29.99	-22	50	45	-5	SE	1	0	3	68	45	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.13	+01	49	48	-2	W	0	0	*	58	43	-		
Charleville ...	*	*	*	*	*	30.16	+09	40	*	-6	E	1	0	*	*	*	-		
Paris ...	30.20	57	NNH	2	b	30.12	-06	47	46	-3	N	1	0	*	*	*	-		
Lyons ...	*	*	*	*	*	29.89	-24	55	*	-3	NNH	7	0	*	*	*	-		
Toulon ...	29.82	59	NNH	7	b	29.90	-00	61	50	+2	NE	1	0	4	66	52	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	A	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.96	50	45	NNH	4	c	3	Valencia	29.97	58	54	S	7	ogw	6
Thurso	29.99	54	50	WSW	1	o	3	Scilly	30.20	60	48	S	4	c	4
Scarborough ...	30.11	53	49	NE	3	o	2	London	30.20	58	51	NNH	1	b	*
Greencastle ...	30.01	56	51	S	2	o	*	Rochefort ...	30.23	64	57	NNH	2	b	3
Holyhead	30.13	57	51	SW	3	b	2								

Pressure still increases in the SE. of England but is decreasing elsewhere - rather briskly at Valencia where the wind is strong from S. with a rough sea.

Our N. and SW. coast have been warmed this afternoon.

EXPLANATION OF COLUMNS.

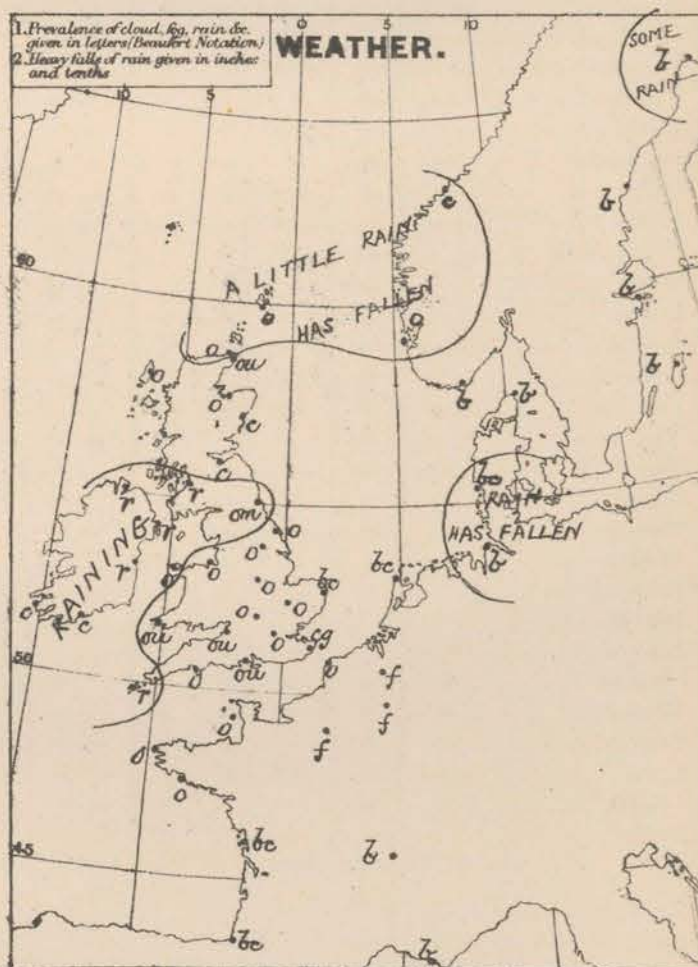
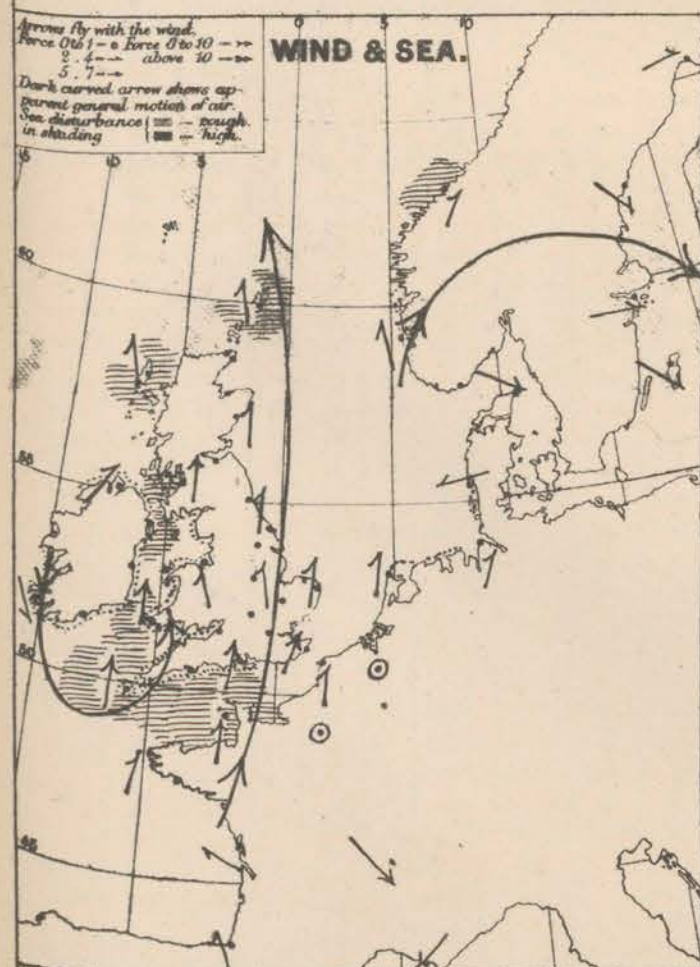
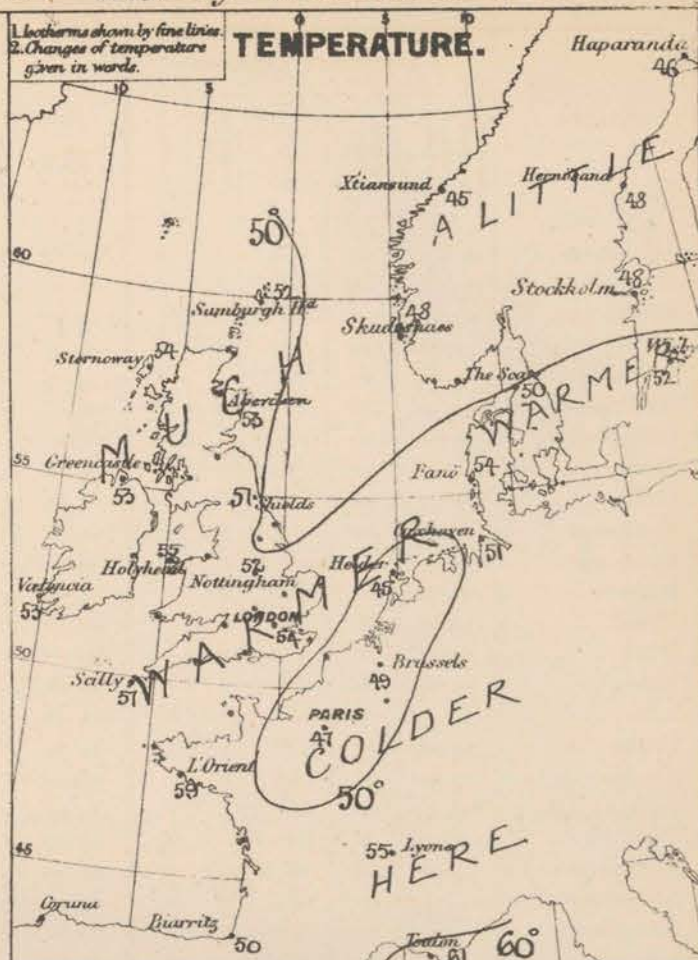
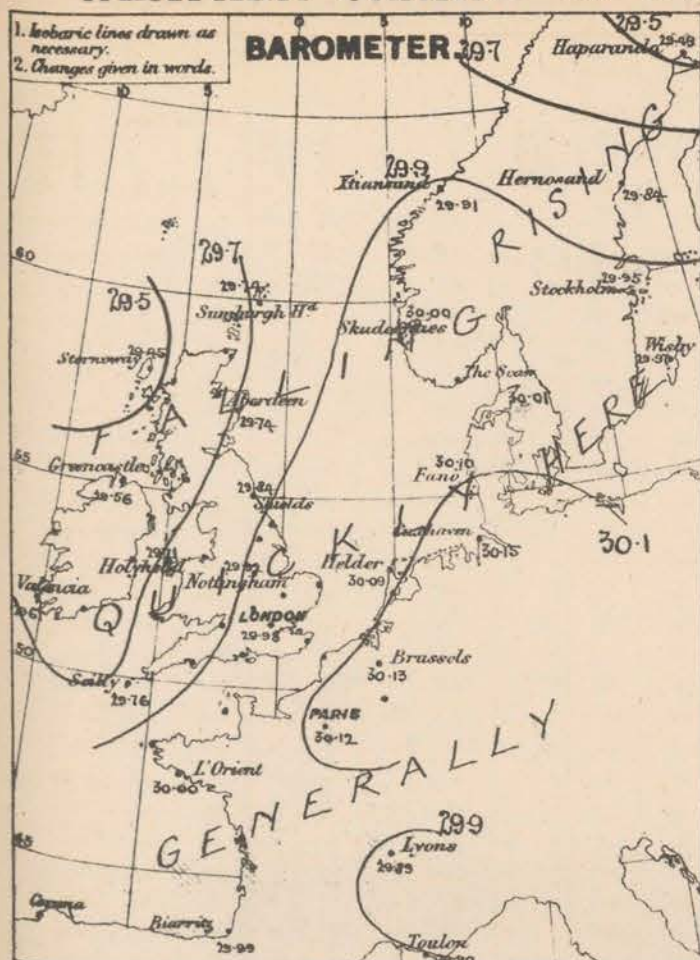
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS *for 8 a.m. on Sunday 22ND SEPT. 1878.*



A dotted line is drawn round the coasts when the signals are up.

REMARKS. Weather is clear or nearly so over Sweden and on the E^l shores of the North Sea, but is overcast or cloudy in all other parts of W. Europe with rain in the N. of Ireland and W. of Scotland, a gloomy and threatening appearance in the S. of England and thick fog in the NE. of France. Rain has fallen at several stations, but not heavily, except in the SW (Valencia 0.6 in. Roches Pt 1.2 in.). Temperature fallen somewhat at several of the French stations, but in Brittany and over nearly the whole of these Islands it has risen briskly; it varies from 60° at Fort Coëtlogon to 59° at Lorient. Winds is S over the Channel and over nearly all our coasts, the exception being the S. of Ireland, a NW breeze being reported at Valencia and an E^l breeze at Cork. In the W. the wind is generally strong, and at Scilly and Donaghadee blows a fresh gale. Sea is rough in the N. W. and S. Barometrical Indications. Pressure has decreased at all except the Scandinavian and Danish stations, the change in the W. amounting to about half an inch. A large depression lies off the NW. coast of Scotland, and a smaller subsidiary to the S. of Ireland. Windings were sent to our W. and SW. coasts last night, and extended as far as Southampton this morning.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEPT. 23RD

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 ...	29.67	44	N	2	δ	29.79	+ .30	39	36	- 7	N	2	δ	*	34	32	-	
Hernösand ...	29.94	45	Z	0	δ	30.01	+ .17	42	40	- 6	Z	0	δ	*	*	*	-	
Stockholm ...	30.02	46	NW	2	δ	30.07	+ .12	50	47	+ 2	SW	2	δc	*	*	*	-	
Wisby ...	30.06	48	S	4	δ	30.08	+ .11	49	46	- 3	SSW	4	δ	*	*	*	-	
Christiansund ...	29.92	45	Z	0	0	29.91	00	46	43	+ 1	ENE	2	δ	4	32	39	-	
Skudesnaes ...	29.89	53	SSE	8	0	29.85	- .15	52	48	+ 6	ESE	7	0	5	34	?	-	
Oxö (Kristiansund) ...	29.99	50	SSW	4	0	29.94	- .07	52	50	+ 7	SE	4	0	3	34	?	-	
Skagen (The Scaev) ...	30.02	44	SW	3	δc	29.99	- .02	52	48	+ 4	SSE	4	2	4	55	46	-	
Fanö ...	29.96	52	S	4	0	29.85	- .25	53	48	- 4	E	4	δc	*	59	46	-	
Cuxhaven ...	30.03	34	SSE	3	0	29.73	- .42	53	48	- 1	SE	4	δ	*	57	46	-	
Sumburgh Head ...	29.62	52	SSE	5	0	29.63	- .11	53	52	+ 1	SE	5	7	5	55	57	-	
Stornoway ...	29.41	52	SE	6	0	29.43	- .02	51	50	- .3	ESE	5	0	4	55	46	-	
Thurso ...	29.57	44	SSE	3	0	29.53	- .10	53	52	+ 1	SE	2	0	2	60	?	0.02	
Wick ...	29.50	55	S	6	0	29.50	- .14	54	52	0	E	5	0	4	58	52	-	
Nairn ...	29.46	55	SSW	1	0	29.48	- .06	48	47	- 5	Z	0	0	1	58	47	0.01	
Aberdeen ...	29.56	52	S	7	7	29.46	- .28	54	53	+ 1	SE	6	09	4	58	49	0.72	
Leith ...	29.47	54	SSW	4	0	29.33	- .37	50	50	- 3	ENE	1	0	*	56	45	0.40	
Shields ...	29.60	54	SSW	5	0	29.34	- .50	49	47	- 2	S	2	0m	2	59	47	0.24	
Scarborough ...	29.67	53	SSE	4	0	29.41	- .50	50	48	+ 1	SSW	3	δc	3	55	46	0.11	
York ...	29.63	52	S	1	7	29.42	- .49	49	47	0	SW	3	δ	*	55	46	0.37	
Nottingham ...	29.65	52	SSE	4	7	29.48	- .44	48	48	- 4	Z	0	0	*	56	42	0.16	
Ardrossan ...	29.58	50	NW	3	7	29.40	- .24	48	47	- 2	NW	2	7	2	56	44	0.24	
Greencastle ...	29.57	51	N	2	δc	29.44	- .12	49	47	- 4	SW	2	0	*	54	42	0.21	
Donaghadee ...	29.55	49	SSW	2	0	29.45	- .18	45	45	- 8	N	3	0	2	53	44	0.33	
Kingstown ...	29.57	52	NW	1	0	29.53	- .13	46	44	- 8	N	5	δ	4	54	44	0.20	
Holyhead ...	29.58	52	NW	2	0	29.48	- .23	51	48	- 4	NW	4	δc	3	58	50	0.17	
Liverpool (Bilston) ...	29.55	50	SW	1	7	29.44	- .36	51	48	0	N	3	δc	2	56	48	1.40	
Valencia ...	29.64	53	NW	2	δc	29.67	00	53	49	0	NW	4	δc	3	60	46	0.19	
Roche's Point... ..	29.64	52	NW	3	δc	29.62	- .05	49	46	+ 1	NW	3	0	3	55	45	0.20	
Pembroke ...	29.58	54	NW	1	δc	29.53	- .23	50	47	- 8	N	1	δc	2	58	47	0.56	
Portishead ...	29.58	50	S	3	7	29.49	- .35	51	50	- 4	N	2	δc	2	59	45	1.26	
Scilly ...	29.67	56	NW	6	0	29.58	- .18	52	50	- 3	N	6	0	5	59	48	1.14	
Plymouth ...	29.59	54	N	2	δ	29.52	- .34	46	46	- 11	N	2	δ	*	59	44	0.65	
Hurst Castle ...	29.67	55	S	7	7	29.50	- .44	47	47	- 13	N	1	δc	4	60	45	0.40	
Dover ...	29.77	58	SSE	5	0	29.48	- .56	54	53	- 2	N	1	07	2	59	34	0.16	
London ...	29.71	56	SE	3	0	29.48	- .50	49	48	- 5	N	1	0	*	57	46	0.13	
Oxford ...	29.67	53	SE	4	0	29.49	- .46	45	44	- 6	N	1	0m	*	61	42	0.25	
Cambridge ...	29.71	54	SE	2	0	29.47	- .50	47	46	- 4	N	1	0	*	58	43	0.07	
Yarmouth ...	29.51	57	SSE	5	0	29.47	- .56	53	52	- 1	SSE	4	09	4	59	57	0.25	
The Helder ...	*	*	*	*	*	29.58	- .57	53	50	+ 8	SE	2	0	*	*	*	-	
Cape Gris Nez ...	29.50	55	SSE	2	0	29.52	- .24	54	54	+ 2	S	2	7	2	61	50	0.08	
Jersey ...	29.69	55	S	7	0	29.53	- .48	54	52	- 2	NW	3	0m	3	62	50	0.26	
Brest ...	29.73	63	NW	4	0	29.57	- .42	48	48	- 11	NW	4	7	4	63	45	0.87	
L'Orient ...	29.74	59	NW	4	δc	29.58	- .42	55	54	- 4	NW	4	7	4	63	52	0.67	
Rochefort ...	29.55	63	SW	4	0	29.71	- .36	61	57	+ 9	N	5	δc	3	68	46	0.28	
Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	29.55	- .58	53	50	+ 4	S	2	0	*	60	?	-	
Charleville ...	*	*	*	*	*	29.60	- .56	50	*	+ 10	SSE	3	07	*	*	*	*	
Paris ...	29.82	57	ESE	3	0	29.59	- .53	52	50	+ 5	SSW	3	0	*	*	*	0.04	
Lyons ...	*	*	*	*	*	29.78	- .11	60	*	+ 5	SW	2	7	*	*	*	*	
Toulon ...	29.91	59	NW	3	δ	29.86	- .04	63	54	+ 2	Z	0	δc	2	70	52	*	

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.93	53	48	SE	7	0	4	Valencia ...			
Thurso ...								Scilly ...			
Scarborough ...								London ...			*
Greencastle ...						*		Rochefort ...	30.16	63	54
Holyhead ...											

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.93	53	48	SE	7	0	4	Valencia					
Thurso								Scilly					
Scarborough ...								London					*
Greencastle ...							*	Rochefort ...	30.16	63	54	5	3
Holyhead													3

EXPLANATION OF COLUMNS.

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

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

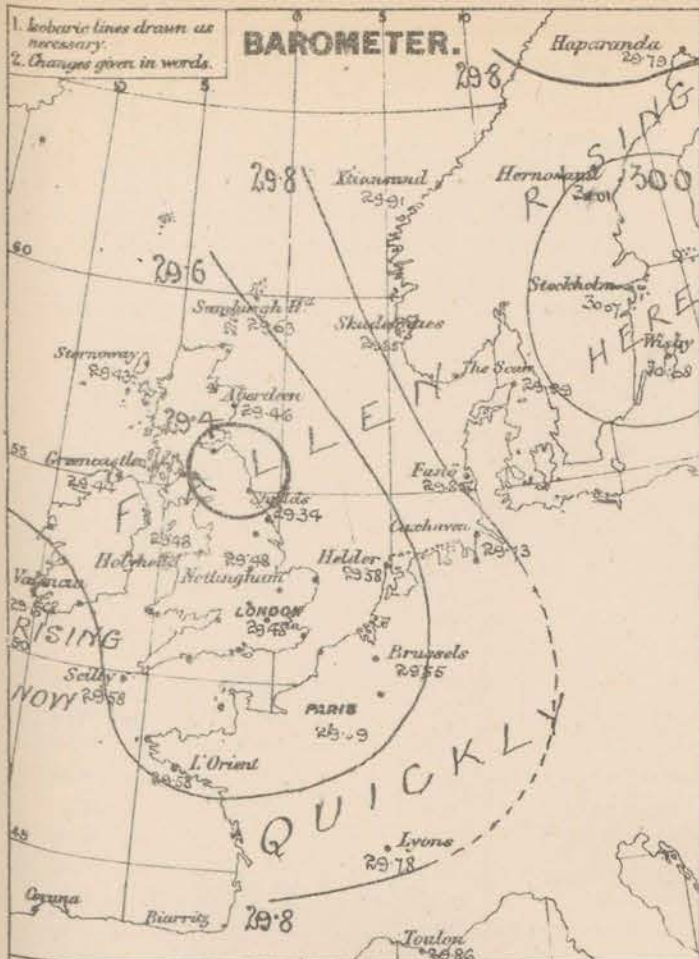
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Monday 23. SEPT. 1878.

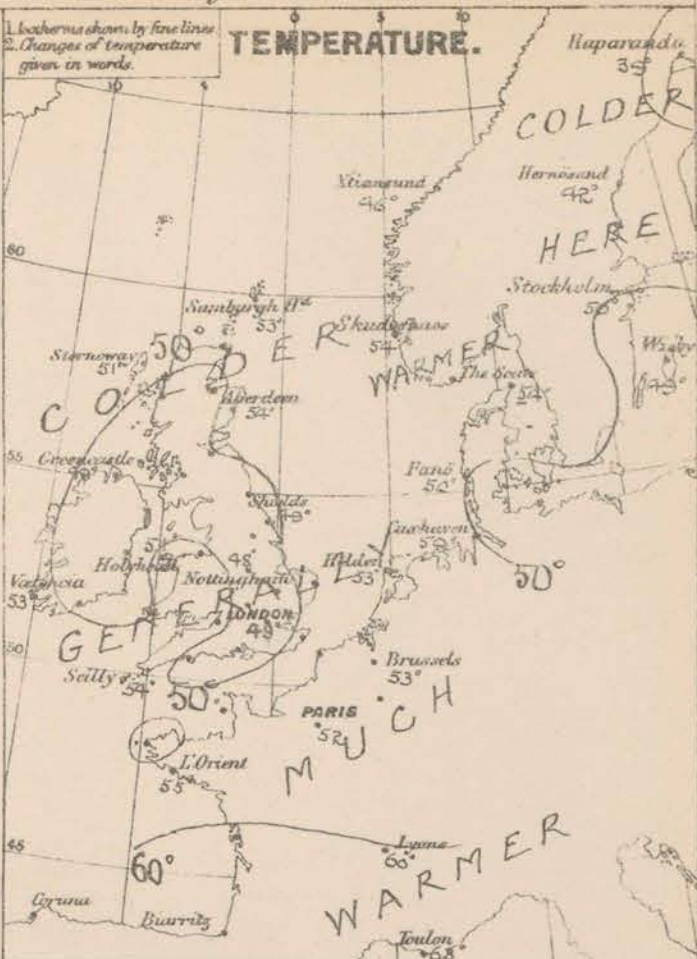
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



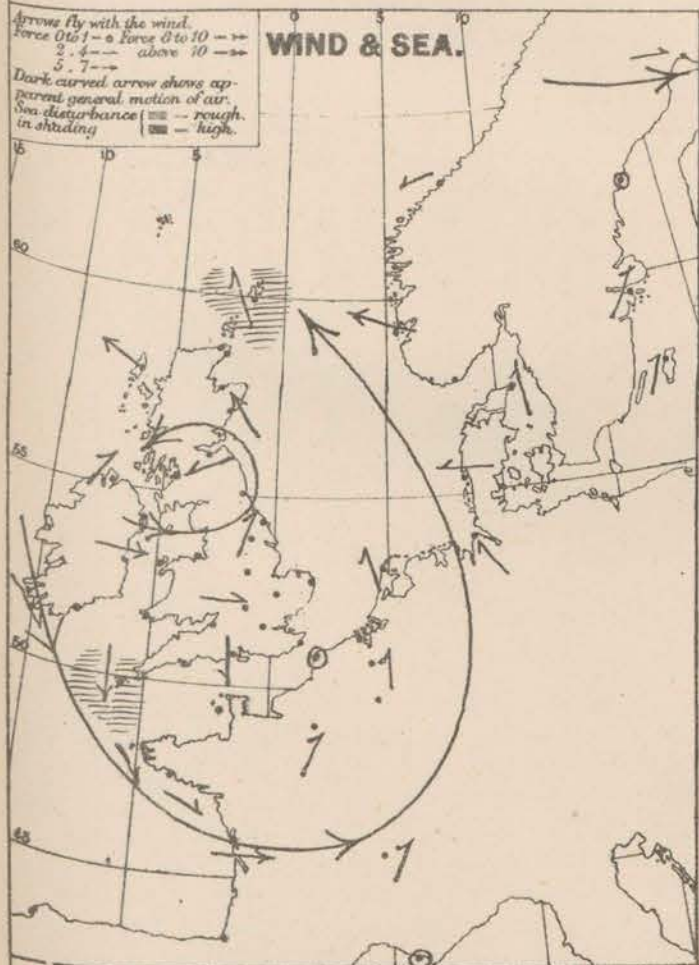
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



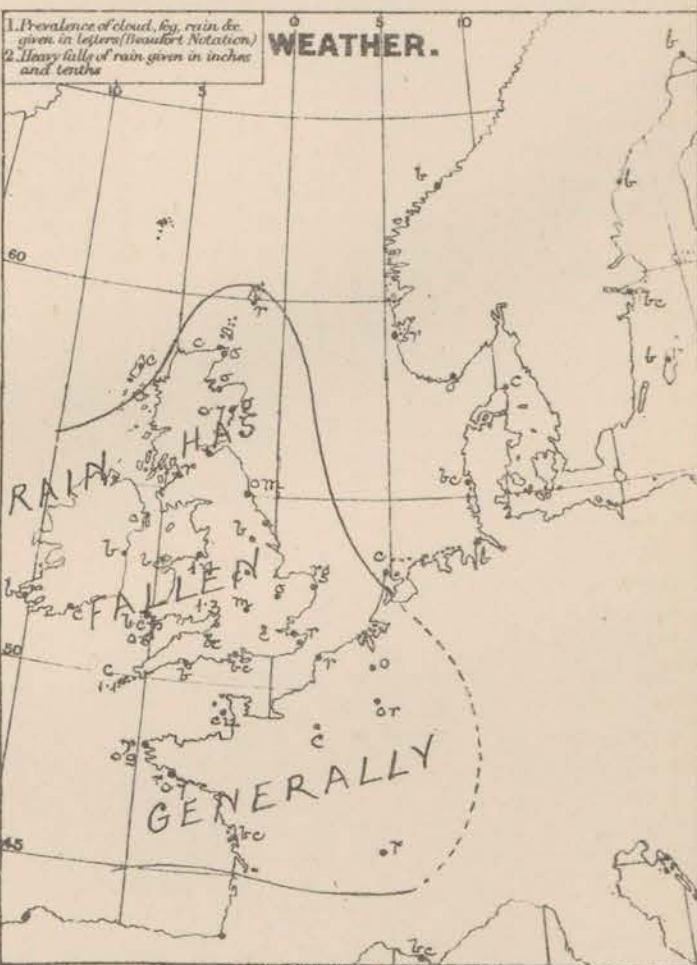
Arrows fly with the wind.
Force 0 to 10 —
2, 4, 6 — above 10 —
5, 7 —
Dark curved arrow shows apparent general motion of air.
Sea disturbance (—) — rough in shading (—) — high.

WIND & SEA.



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

WEATHER.



REMARKS. Weather is moderately clear in the W. and SW. of England, as well as in N. Germany, but in most other places the sky is overcast or very cloudy, with rain at the SE. stations as well as at Bristol, Antwerp and in the Shetland Isles. Rain has occurred over the whole of these Islands and France during the past 24 hours, the heaviest falls being 1.4 in. at Liverpool, 1.3 in. at Peterhead, 1.1 in. at Seely, 0.9 in. at Fleet, and 0.7 in. at Aberdeen. Temperature has fallen except in the E. and S. of France and over Norway, it varies over these Islands from 54° at Dover to 45° at Cardiff; the maximum readings yesterday were below 60° at all our stations except Cardiff, Lowest Castle, Valentia and Thurso. Wind is W. to NW. and W. and SW. coasts, SE. and E. in the E. and E. in the N. It blows fresher in force in many places, and a moderate to fresh gale was experienced in the Channel, and over SW. coasts yesterday. Sea is rough in the W. half of the Channel moderate to slight elsewhere.

Barometrical Indications. Pressure has decreased at all except the Swedish stations since yesterday, the change in the E. and SE. exceeding half an inch, but the barometer is now recovering again in the SW. A well marked depression is shown over the N. of England and S. of Scotland.

Fog. Comes in over all coasts this morning.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEPT. 24th

1878.

STATIONS.	↑ YESTERDAY EVENING.					8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 15).		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 15).			Max.	Min.		
Haparanda ...	29.92	40	N	2	b	30.05	+ .26	32	30	- 7	N	0	b	*	54	30	-	
Hernösand ...	30.04	40	N	0	b	30.10	+ .09	38	38	- 4	N	0	f	*	*	*	-	
Stockholm ...	30.04	47	SSW	2	b	30.01	- .06	53	51	+ 3	NNE	2	o	*	*	*	-	
Wisby ...	30.01	49	E	4	b	29.91	- .17	53	51	+ 4	E	4	o	*	*	*	0.04	
Christiansund ...	29.92	47	ESE	1	b	29.91	- .00	47	43	+ 1	N	0	b	2	54	37	-	
Skudesnaes ...	29.82	34	ENE	6	c	29.84	- .01	53	48	- 1	ENE	6	o	4	57	?	-	
Oxö (Xtiansand) ...	29.85	34	E	7	c	29.84	- .10	54	51	0	ENE	6	c	4	55	50	0.20	
Skagen (The Ssaw) ...	29.89	35	ESE	5	c	29.85	- .14	53	50	- 1	E	5	o	5	59	45	-	
Fanö ...	29.68	51	ESE	4	o	29.69	- .16	52	50	+ 2	E	4	b	*	57	48	-	
Cuxhaven ...	29.67	55	SSE	5	o	29.66	- .07	51	51	+ 1	SE	4	f	*	57	48	-	
Sumburgh Head ...	29.74	53	ESE	5	c	29.79	+ .16	53	51	0	ESE	4	b	4	57	50	-	
Stornoway ...	29.34	55	ENE	4	c	29.66	+ .23	53	52	+ 2	ESE	4	b	4	57	48	-	
Thurso ...	29.61	54	E	3	o	29.73	+ .20	53	52	0	E	2	o	3	57	49	0.03	
Wick ...	29.60	54	SE	6	bc	29.71	+ .21	54	52	0	SE	4	c	4	58	51	0.02	
Nairn ...	29.52	53	E	2	o	29.71	+ .23	47	45	- 1	N	0	bc	2	56	45	0.08	
Aberdeen ...	29.52	54	NNE	6	o	29.69	+ .28	53	53	+ 1	E	3	b	4	55	?	0.07	
Leith ...	29.41	53	ENE	1	o	29.62	+ .29	54	54	+ 4	ENE	3	r	*	56	49	0.10	
Shields ...	29.45	52	N	0	o	29.61	+ .27	50	48	+ 1	NN	2	b	2	54	43	-	
Scarborough ...	29.44	53	E	1	o	29.61	+ .20	51	49	+ 1	N	1	b	2	57	44	0.01	
York ...	29.45	52	N	1	o	29.61	+ .19	40	40	- 9	N	1	b	*	60	37	-	
Nottingham ...	29.50	47	N	0	o	29.64	+ .16	40	40	- 8	N	0	bc	6	56	34	0.20	
Ardrossan ...	29.41	52	ENE	1	c	29.63	+ .23	54	52	+ 6	N	2	cm	1	54	?	0.11	
Greencastle ...	29.43	52	N	2	c	29.68	+ .24	50	49	+ 1	N	1	b	*	56	46	0.07	
Donaghadee ...	29.43	53	NNE	2	bc	29.64	+ .19	55	53	+ 10	NNE	5	bc	3	56	45	0.04	
Kingstown ...	29.46	52	N	1	c	29.69	+ .16	47	46	+ 1	NNN	4	c	3	53	45	0.09	
Holyhead ...	29.46	52	N	1	c	29.65	+ .17	52	51	+ 1	SN	1	c	1	56	47	0.14	
Liverpool (Bidst) ...	29.46	52	N	1	bc	29.64	+ .20	47	46	- 4	SSE	1	m	1	55	46	0.08	
Valencia ...	29.60	53	NNN	5	r	29.82	+ .15	50	52	+ 3	NNN	3	c	4	60	49	0.31	
Roche's Point... ..	29.55	49	NN	4	c	29.75	+ .13	51	51	+ 5	NNE	3	bc	3	54	44	0.20	
Pembroke ...	29.52	53	NNN	4	o	29.66	+ .13	52	50	+ 2	NE	1	bc	3	54	45	0.20	
Portishead ...	29.51	49	NNN	2	bc	29.65	+ .16	44	44	- 7	N	0	bc	1	59	39	0.03	
Scilly ...	29.62	55	NNN	6	o	29.67	+ .09	56	54	+ 2	NNE	6	c	6	57	52	0.48	
Plymouth ...	29.55	52	NN	2	b	29.62	+ .10	50	49	+ 4	N	2	b	*	58	45	0.12	
Hurst Castle ...	29.50	54	NNN	2	bc	29.62	+ .12	47	46	0	E	3	bc	3	60	42	0.03	
Dover ...	29.46	53	N	1	c	29.59	+ .11	49	47	- 5	NNN	1	b	1	57	45	0.04	
London ...	29.48	54	N	2	b	29.62	+ .14	41	40	- 8	N	1	cm	*	60	39	-	
Oxford ...	29.49	50	N	1	b	29.64	+ .15	39	38	- 6	N	0	f	*	56	34	-	
Cambridge ...	29.49	50	NNN	1	b	29.61	+ .14	43	43	- 4	NNN	1	bc	*	61	35	-	
Yarmouth ...	29.46	52	N	0	bc	29.53	+ .06	49	49	- 4	NNN	2	cm	3	54	43	0.36	
The Helder ...	*	*	*	*	*	29.50	- .08	54	53	+ 1	ESE	1	bc	*	*	*	0.20	
Cape Gris Nez ...	29.49	54	NN	1	bc	29.63	+ .11	54	48	0	NNN	2	b	1	59	50	0.35	
Jersey ...	29.58	53	NNN	3	bc	29.63	+ .10	55	52	+ 1	N	0	c	0	59	48	0.48	
Brest ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
L'Orient ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Rochefort ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Biarritz ...	29.82	64	NNN	5	r	29.74	- .11	61	55	- 3	N	5	r	5	66	52	0.87	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Charleville ...	*	*	*	*	*	29.58	- .02	49	*	- 1	S	1	o	*	*	*	*	
Paris ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Lyons ...	*	*	*	*	*	29.67	- .11	59	*	- 1	NN	2	bc	*	*	*	*	
Toulon ...	29.73	66	S	5	m	29.69	- .17	59	57	- 4	N	0	bc	4	72	55	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.82	57	48	ESE	6	b	5	Valencia	29.64	52	49	NN	5	pg	5
Thurso	29.55	57	55	E	4	c	3	Scilly	29.62	56	51	NN	6	o	6
Scarborough ...	29.42	56	52	SN	1	o	2	London	29.47	57	52	N	2	c	*
Greencastle ...	29.37	54	50	SN	2	o	*	Rochefort ...	29.67	63	55	NNN	7	c	7
Holyhead	29.47	55	51	N	3	c	2								

Pressure is changing very little and the depression is still shown in the N. Wind continues NNW in the SN. though the barometer is falling there.

EXPLANATION OF COLUMNS.

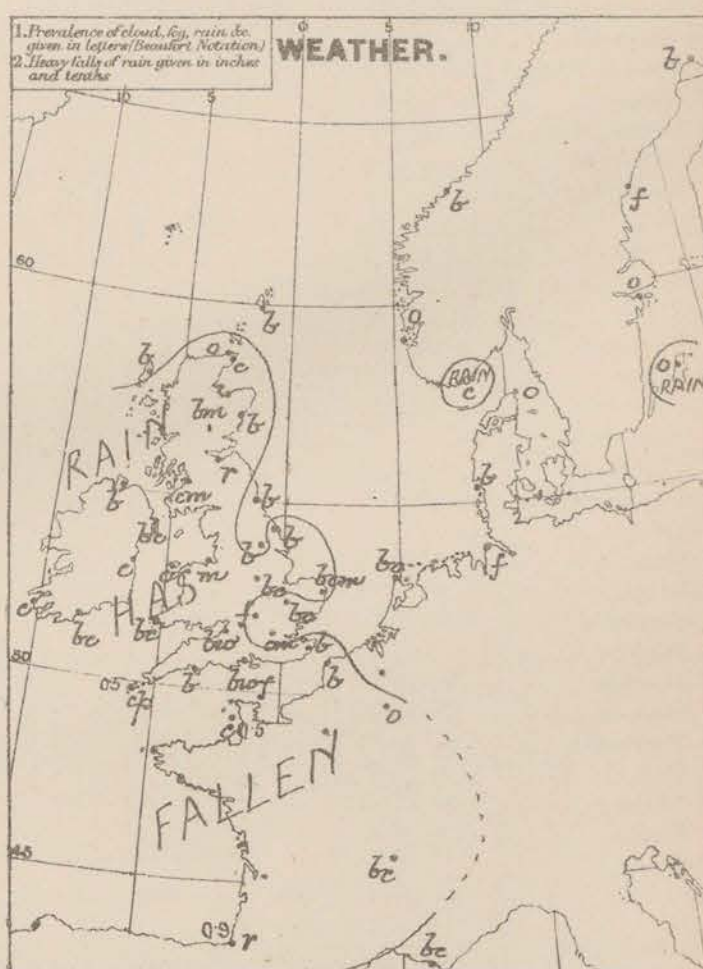
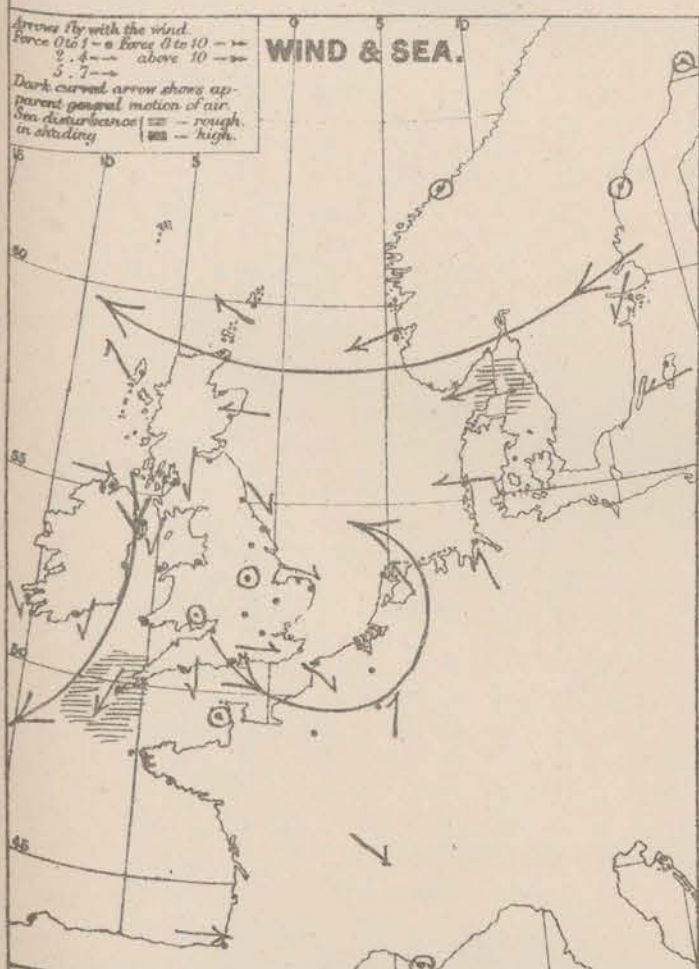
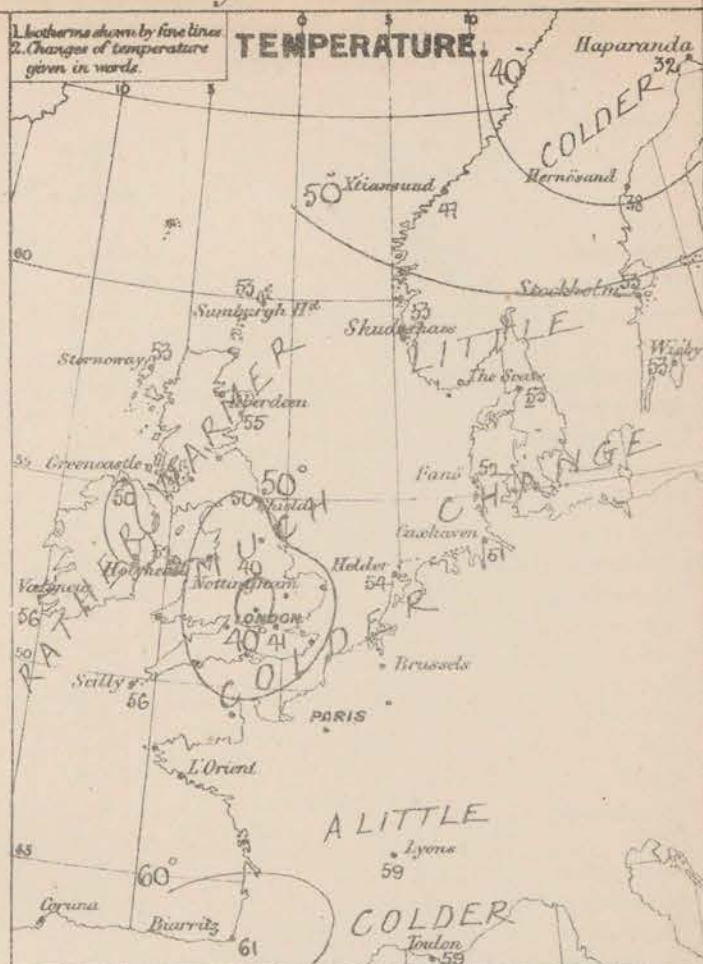
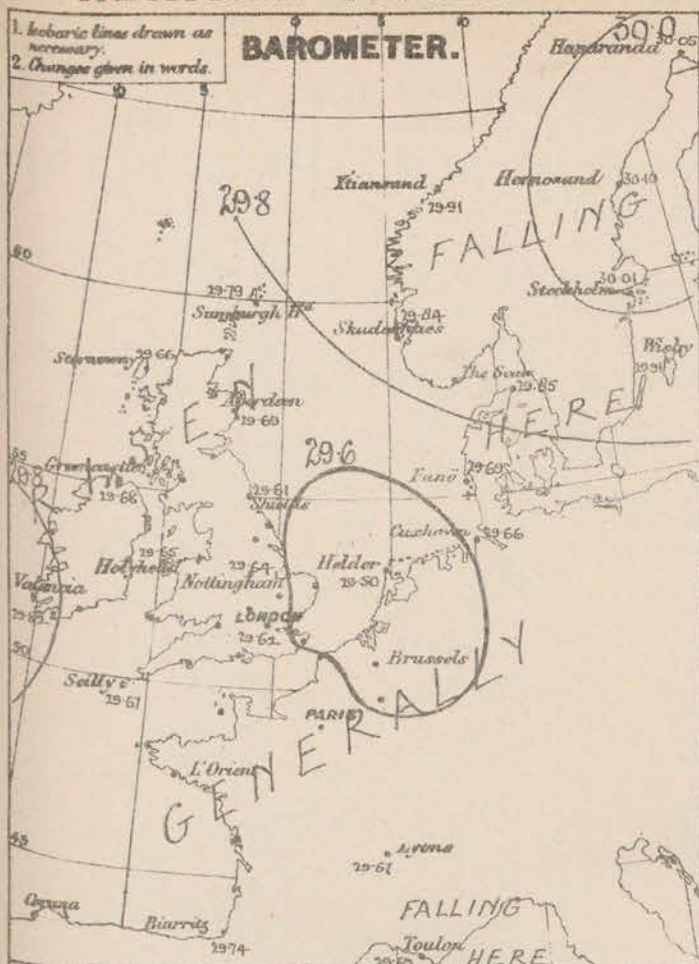
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Tuesday 24 SEPT^R 1878.



REMARKS. Weather is cloudy or overcast in the S. of Scandinavia, but is fine and bright over nearly the whole of our islands and their neighbourhood, rain, however, is reported at Yarmouth and most of fog prevails in many places. Rain fell yesterday in most parts of the country. Temperature has risen in the W. N. and S., but fallen briskly at most of the English stations; it at present varies from 56° in the SW, and 55° at Aberdeen to 39° at Ayr and 40° at Nottingham and York; during last night the thermometer in the shade fell to 39° in London, to 37° at York, and to 34° at Ayr and Nottingham, while at Wick the temperature did not fall below 51°. Wind is strong on the E. shores of the North Sea, and at Sicily, but is light in force elsewhere; it is E. in the N, N. E. in the W, and W. in the SE. Sea is moderate to smooth except at Sicily and the Shet. Barometrical Indications. Pressure is decreasing in the SE, and the depression, which yesterday lay off our NW. coast, has travelled quickly SE during the night, and now lies over the Netherlands and SE of England. In other places the barometer has risen briskly, and readings are comparatively high, both to the SW of Ireland, and over the Baltic.

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

SEPT 25TH

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 ...	30.20	37	Z	0	δ	30.26	+ .21	31	?	—	1	Z	0	δ	*	52	27	—
Hernösand ...	30.13	42	Z	0	0	30.12	+ .02	49	48	+ 11	NE	4	0	*	*	*	—	
Stockholm ...	29.99	51	E	6	†	29.94	— .07	52	52	— 1	NE	6	0	*	*	*	0.16	
Wisby ...	29.87	53	SSE	4	0	29.91	.00	57	56	+ 4	SSE	4	0	*	*	*	—	
Christiansund ...	29.88	46	Z	0	δ	29.78	— .13	50	46	+ 3	SE	4	δ	2	54	37	—	
Skudesnaes ...	29.83	34	ESE	4	δ	29.71	— .13	57	57	+ 4	ESE	6	0	4	59	3	—	
Oxö (Xtiansand) ...	29.88	53	NNE	6	0	29.82	— .02	55	54	+ 1	ENE	4	†	4	?	50	0.16	
Skagen (The Scaw) ...	29.90	55	E	3	0	29.86	+ .01	55	53	+ 2	E	2	0	2	57	48	—	
Fanö ...	29.81	54	SE	3	0	29.80	+ .11	53	52	+ 1	E	4	0	*	59	50	—	
Cuxhaven ...	29.78	56	ESE	1	0	29.80	+ .14	53	52	+ 2	SE	1	f	*	54	48	0.03	
Sumburgh Head ...	29.68	53	SSE	5	0	29.33	— .46	53	57	0	SSE	6	0	6	56	49	—	
Stornoway ...	29.49	55	SE	6	0	29.24	— .42	50	50	— 3	W	3	c	3	56	47	0.36	
Thurso ...	29.61	55	ESE	3	0	29.26	— .47	52	52	— 1	S	2	†	2	60	57	0.65	
Wick ...	29.57	58	SE	5	0	29.25	— .46	53	52	— 1	SW	5	†	3	61	57	0.57	
Nairn ...	29.65	56	Z	0	δ	29.29	— .42	57	50	+ 4	Z	0	0	1	59	47	0.33	
Aberdeen ...	29.67	55	SSE	2	δ	29.34	— .35	52	52	— 3	S	6	†	3	59	52	0.16	
Leith ...	29.64	55	E	1	0	29.33	— .29	55	54	+ 1	SW	3	†	*	60	50	0.24	
Shields ...	29.62	55	NE	1	δ	29.48	— .13	57	50	+ 1	S	3	†	2	57	47	0.07	
Scarborough ...	29.66	55	NNE	2	0	29.58	— .03	49	48	— 2	S	2	0	2	56	46	—	
York ...	29.67	54	N	1	δ	29.57	— .04	49	49	+ 9	S	1	†	*	60	38	0.02	
Nottingham ...	29.70	53	Z	0	δ	29.65	+ .01	53	52	+ 13	S	3	†	*	63	40	0.02	
Ardrossan ...	29.65	57	N	1	0	29.37	— .26	54	52	0	WN	4	0	3	60	53	0.41	
Greencastle ...	29.65	55	WNW	1	0	29.42	— .26	52	49	+ 2	W	2	δ	*	64	48	0.57	
Donaghadee ...	29.68	54	SSW	1	0	29.42	— .22	53	53	— 2	WNW	3	0	2	59	52	0.46	
Kingstown ...	29.74	56	S	1	0	29.49	— .20	58	56	+ 11	W	4	0	3	58	47	0.18	
Holyhead ...	29.70	55	WNW	3	0	29.52	— .12	57	56	+ 5	SW	4	†	4	59	57	0.32	
Liverpool (Bidston) ...	29.71	54	WNW	1	δ	29.57	— .13	52	57	+ 5	SSE	2	0	1	57	?	0.16	
Valencia ...	29.81	52	S	3	0	29.60	— .22	59	59	+ 3	W	4	†	4	59	57	0.32	
Roche's Point ...	29.79	55	W	3	†	29.59	— .16	58	56	+ 4	W	3	0	3	60	52	0.18	
Pembroke ...	29.77	56	WNW	3	0	29.60	— .06	58	57	+ 6	WNW	5	0	5	58	50	0.15	
Portishead ...	29.72	57	W	4	δ	29.67	+ .02	52	52	+ 8	S	5	†	2	61	43	0.04	
Scilly ...	29.83	56	WNW	5	0	29.75	+ .08	58	57	+ 2	W	5	0	4	58	55	0.03	
Plymouth ...	29.79	54	WNW	2	δ	29.73	+ .11	56	56	+ 6	SW	4	0	*	61	48	0.12	
Hurst Castle ...	29.74	59	WNW	3	δ	29.74	+ .12	58	56	+ 11	WNW	4	0	5	62	45	—	
Dover ...	29.74	53	WNW	1	δ	29.77	+ .18	54	52	+ 5	SW	1	δ	1	58	48	—	
London ...	29.73	58	W	1	†	29.76	+ .14	52	50	+ 11	WNW	2	0	*	58	40	—	
Oxford ...	29.73	54	W	1	δ	29.71	+ .07	57	49	+ 12	SSW	2	0	*	59	38	—	
Cambridge ...	29.69	57	WNW	1	0	29.73	+ .12	50	49	+ 7	SW	1	0	*	56	40	0.05	
Yarmouth ...	29.66	50	WNW	3	0	29.73	+ .20	57	50	+ 2	SSW	3	δ	2	52	45	0.27	
The Helder ...	*	*	*	*	*	29.77	+ .27	46	45	+ 8	SSE	1	δ	*	*	*	0.04	
Cape Gris Nez ...	29.75	52	NE	1	†	29.80	+ .17	54	52	0	S	1	δ	0	61	50	0.04	
Jersey ...	29.79	54	N	2	δ	29.85	+ .22	56	55	+ 1	WNW	3	0	3	58	50	0.28	
Brest ...	29.89	?	NE	3	0	29.86	+ .24	55	55	+ 3	W	3	†	3	59	48	—	
L'Orient ...	29.84	55	NE	2	δ	29.92	+ .29	57	54	+ 3	WNW	2	0	4	64	50	0.04	
Rocheport ...	29.76	61	ESE	3	0	29.93	+ .22	55	52	+ 1	SE	3	0	3	63	46	—	
Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	29.82	+ .23	46	45	— 4	SW	1	δ	*	58	41	—	
Charleville ...	*	*	*	*	*	29.79	+ .21	40	*	— 9	ESE	1	†	*	*	*	*	
Paris ...	29.74	53	S	1	δ	29.85	+ .17	46	44	0	W	1	δ	*	*	*	—	
Lyons ...	*	*	*	*	*	29.76	+ .09	58	*	— 1	N	7	0	*	*	*	*	
Toulon ...	29.57	57	N	6	†	29.47	— .22	54	48	— 5	WNW	6	0	7	63	57	0.08	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.85	57	50	ESE	4	0	3	Valencia	29.85	56	54	WN	2	r	3
Thurso	29.69	58	55	ESE	2	0	3	Scilly	29.68	57	53	WN	6	0	6
Scarborough ...	29.64	55	52	NNN	2	0	3	London	29.68	58	52	N	1	bc	*
Greencastle ...	29.68	59	55	SSN	1	0	*	Rocheport ...	29.73	61	55	SW	3	0	3
Holyhead	29.70	57	54	NNN	3	0	2								

Pressure is increasing except in the N. and NW. and the winds remain unchanged. The weather, however, is more cloudy generally than it was at 8 a.m. and at Valencia rain is falling.

EXPLANATION OF COLUMNS.

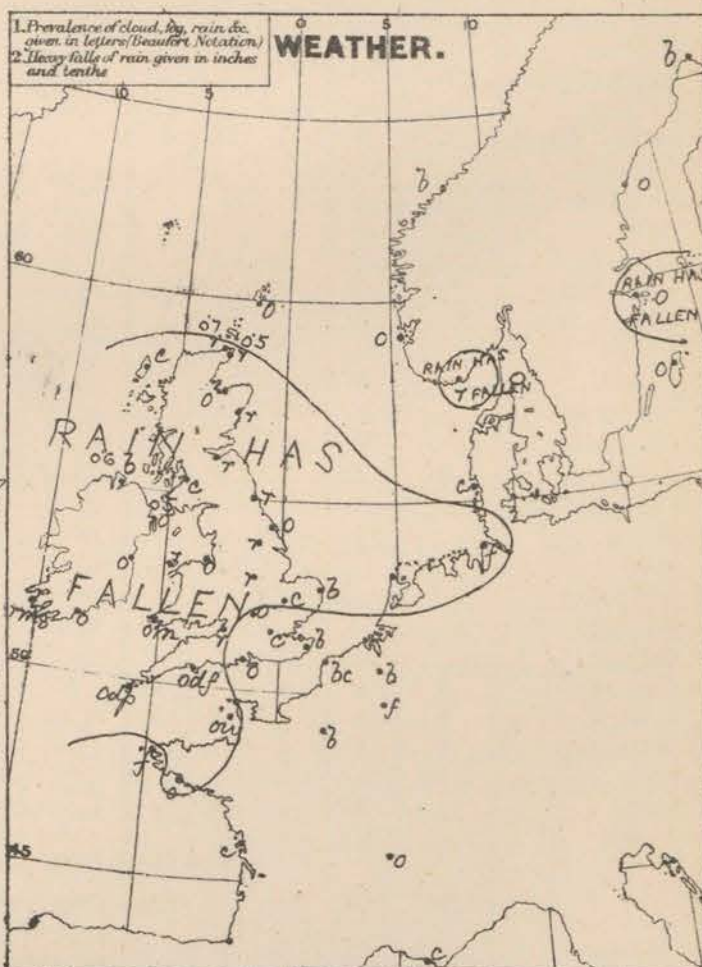
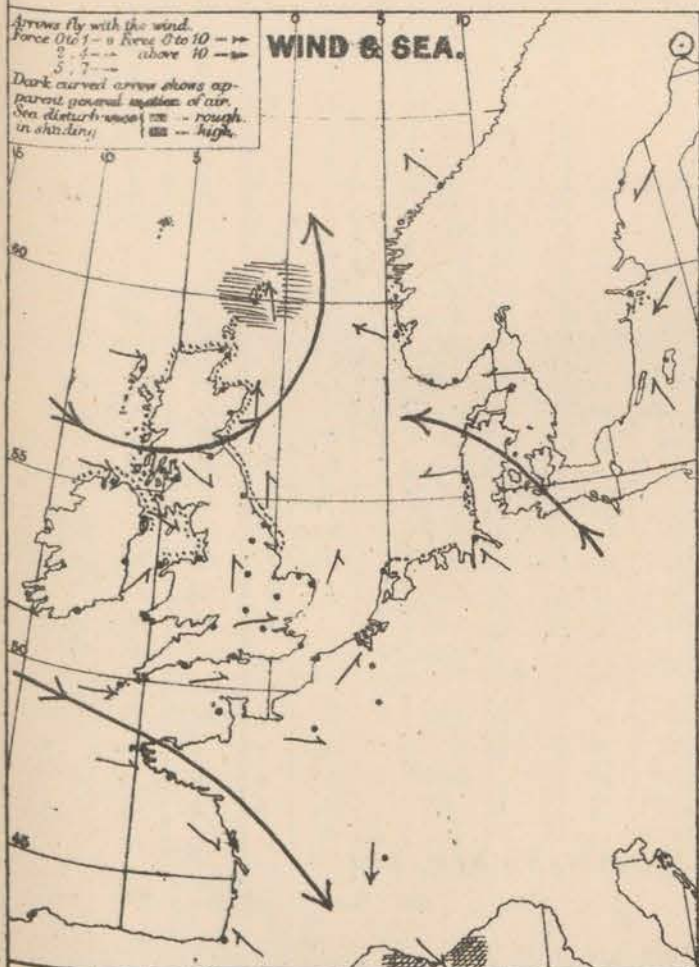
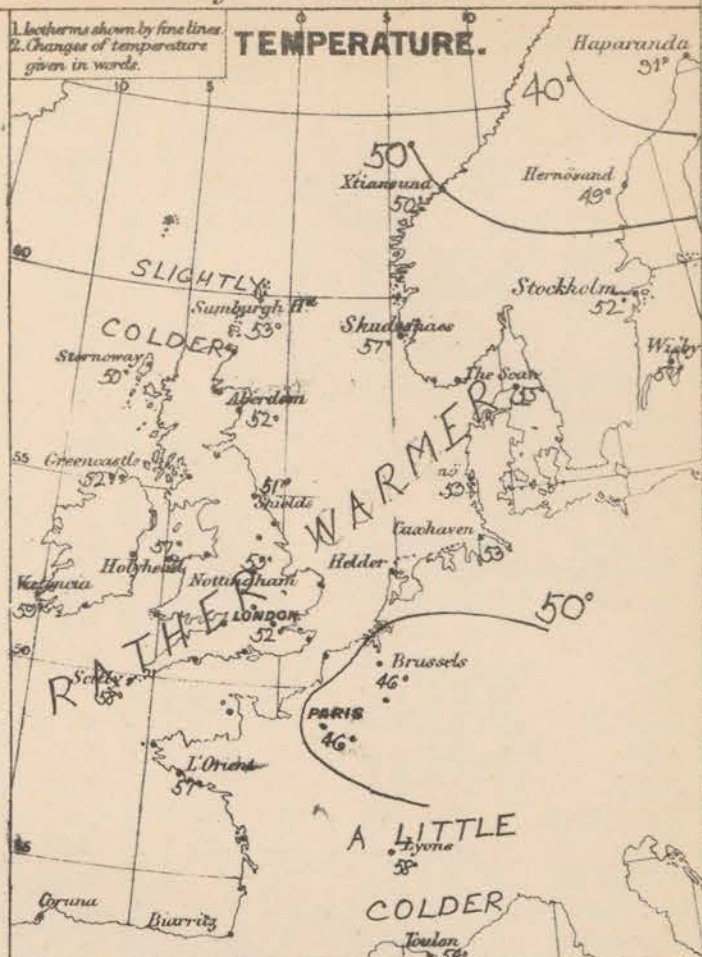
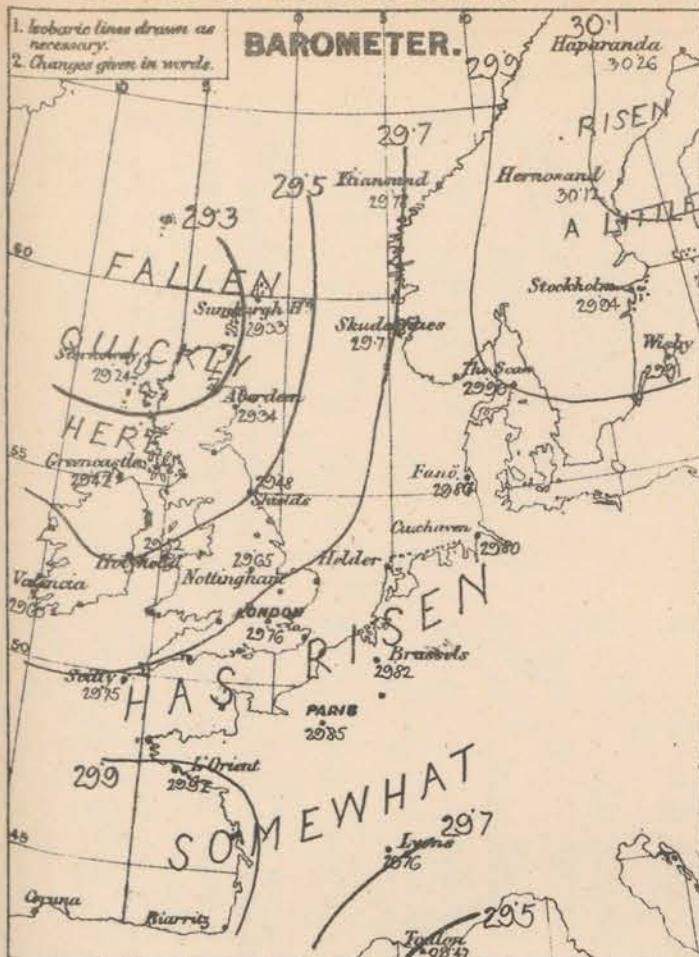
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Wednesday 25TH SEPT^R 1878.



REMARKS. Weather is clear or nearly so at Dover, Yarmouth and in the north-east of France, but is overcast or very cloudy in nearly all other places, with rain or drizzle at a large number of our stations and fog or mist in some districts. Rain has fallen generally during the past 24 hours, heavily in Caithness (Thurso 0.65 in., Wick 0.51 in.). Temperature has fallen in the north of our islands, but risen elsewhere, the change exceeding 10° in the central and southern parts of England; it varies from 59° in the west to 49° in Yorkshire. Wind is W. over Ireland, S. over Great Britain, and E. to SE. on the eastern shores of the North Sea. It blows strongly in the north-east, but is moderate on our other coasts. Sea is rough near the Netherlands and rather so at Hurst Castle, moderate to slight elsewhere.

Barometrical Indications. Barometrical pressure is increasing over France and at our south eastern stations, decreasing in nearly all other places — very briskly in the north. Readings are high over the Bay of Biscay, while a rather large depression lies to the N. of Scotland.

Warnings. The South Cone was hoisted in the north-west, north and north-east last evening.

DAILY WEATHER REPORT

SEPT 26TH 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 ...	30.28	40	E	4	b	30.22	- 04	39	37	+ 8	E	4	o	*	32	31	-		
Hernösand ...	30.09	50	Y	0	o	29.97	- 15	48	47	- 1	E	4	r	*	*	*	0.08		
Stockholm ...	29.91	34	E	2	o	29.75	- 19	56	55	+ 4	E	4	f	*	*	*	0.04		
Wisby ...	29.88	56	SE	4	o	29.71	- 20	60	59	+ 3	SSE	6	c	*	*	*	-		
Christiansund ...	29.73	34	SSE	1	b	29.60	- 18	55	49	+ 5	ENE	3	o	1	61	50	-		
Skudesnaes ...	29.62	55	SE	6	r	29.40	- 31	53	51	- 4	SSE	6	r	5	57	?	0.59		
Oxö (Tiansand) ...	29.74	56	E	4	o	29.50	- 32	56	55	+ 1	SSE	4	o	3	57	50	0.24		
Skagen (The Seaw)	29.66	57	E	4	o	29.56	- 30	57	56	+ 2	SW	4	r	4	59	52	0.43		
Fanö ...														*					
Cuxhaven ...	29.74	59	NNW	3	o	29.70	- 10	52	51	- 1	SW	1	of	*	57	46	0.01		
Sumburgh Head ...	29.35	49	Z	0	r	29.43	+ 10	48	45	- 5	W	4	c	5	53	44	1.17		
Stornoway ...	29.45	46	NNW	4	bc	29.60	+ 36	46	45	- 4	W	4	c	3	51	41	0.29		
Thurso ...	29.42	48	W	4	r	29.57	+ 31	46	45	- 6	W	3	bc	3	59	42	0.41		
Wick ...	29.41	48	NW	3	bc	29.56	+ 31	45	43	- 8	NW	2	b	2	58	39	0.06		
Nairn ...	29.49	47	W	1	o	29.68	+ 39	44	42	- 7	W	1	bc	1	55	40	0.02		
Aberdeen ...	29.45	52	NW	3	bc	29.65	+ 31	43	40	- 9	WSW	1	b	1	60	37	0.34		
Leith ...	29.50	53	NNW	4	b	29.71	+ 38	48	45	- 7	WSW	3	b	*	61	43	0.06		
Shields ...	29.53	55	NW	2	b	29.78	+ 30	48	45	- 3	NNW	2	b	2	57	43	0.24		
Scarborough ...	29.55	52	W	2	bc	29.82	+ 24	48	45	- 1	WSW	2	b	3	55	42	0.24		
York ...	29.59	52	NNW	1	b	29.84	+ 27	46	45	- 3	W	1	b	*	56	38	0.14		
Nottingham ...	29.67	52	Y	0	bc	29.92	+ 27	47	46	- 6	SW	2	bc	*	58	36	0.20		
Ardrossan ...	29.59	53	NW	3	c	29.74	+ 37	51	47	- 3	W	2	bc	3	56	46	0.04		
Greencastle ...	29.66	49	W	3	o	29.78	+ 36	49	48	- 3	WSW	2	o	*	56	43	0.25		
Donaghadee ...	29.69	53	WSW	3	bc	29.83	+ 41	46	44	- 7	W	5	b	4	56	43	-		
Kingstown ...	29.74	53	NNW	4	b	29.92	+ 43	50	46	- 8	WSW	2	c	2	59	46	-		
Holyhead ...	29.69	55	NW	5	b	29.91	+ 39	52	48	- 5	W	3	bc	3	60	50	0.03		
Liverpool (Bidston)	29.65	53	NNW	4	b	29.88	+ 37	51	48	- 1	WSW	3	bc	2	58	48	0.52		
Valencia ...	29.87	53	NNW	3	bc	30.00	+ 40	54	50	- 5	W	2	o	3	60	49	0.01		
Roche's Point...	29.84	55	N	5	bc	30.00	+ 41	53	49	- 5	W	3	c	3	60	44	-		
Pembroke ...	29.72	55	NNW	4	b	29.97	+ 37	54	48	- 4	NNW	2	b	2	59	50	-		
Portishead ...	29.66	56	W	3	c	29.96	+ 29	51	48	- 3	NNW	2	c	2	61	45	0.05		
Scilly ...	29.77	58	N	6	o	30.02	+ 27	56	50	- 2	N	4	c	4	62	55	-		
Plymouth ...	29.69	59	W	3	o	30.00	+ 27	44	43	- 12	SE	1	ff	*	61	41	0.02		
Hurst Castle ...	29.67	61	W	5	o	29.96	+ 22	47	46	- 11	NNW	3	cur	2	62	42	0.08		
Dover ...	29.70	58	SW	5	o	29.92	+ 15	49	48	- 5	NW	2	b	1	60	46	0.07		
London ...	29.66	60	Y	0	od	29.95	+ 19	46	45	- 6	NNW	1	bc	*	60	42	0.04		
Oxford ...	29.64	58	WSW	2	r	29.96	+ 25	44	43	- 7	SW	1	c	*	58	39	0.23		
Cambridge ...	29.60	57	SW	1	o	29.94	+ 21	45	43	- 5	NW	1	c	*	59	40	0.10		
Yarmouth ...	29.63	55	SSW	4	r	29.88	+ 15	47	46	- 4	WSW	2	b	2	58	42	0.11		
The Helder ...	*	*	*	*	*	29.79	+ 02	56	51	+ 10	NNW	2	bc	*	*	*	0.04		
Cape Gris Nez ...	29.74	59	SSW	6	r	29.93	+ 13	52	50	- 2	NNW	4	b	3	63	52	0.12		
Jersey ...	29.79	59	WSW	5	b	30.02	+ 17	58	54	+ 2	NE	2	bc	2	60	50	0.11		
Brest ...	29.83	61	WSW	3	f	30.00	+ 14	54	52	- 1	N	2	bc	3	61	50	0.04		
L'Orient ...	29.89	59	NNW	3	o	30.03	+ 11	55	54	- 2	NNE	3	c	3	64	52	-		
Rochefort ...	29.95	63	NW	3	o	29.94	+ 01	63	61	+ 8	NW	4	o	4	66	50	0.08		
Biarritz ...	30.01	63	NW	4	r	30.01		64	59		NNW	5	r	4	68	55	0.43		
Corunna ...	*	*	*	*	*			*	*					*	*	*	*		
Brussels ...	*	*	*	*	*	29.86	+ 04	55	54	+ 9	WSW	1	o	*	61	52	0.04		
Charleville ...	*	*	*	*	*	29.82	+ 03	50	*	+ 10	S	1	om	*	*	*	*		
Paris ...	29.84	55	WSW	1	o	29.90	+ 05	55	55	+ 9	WSW	1	f	*	*	*	0.08		
Lyons ...	*	*	*	*	*	30.03	+ 27	55	*	- 3	W	2	c	*	*	*	*		
Toulon ...	29.63	59	NW	6	c	29.67	+ 20	55	46	+ 1	NW	6	b	6	64	54	-		

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

	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnaes ...	29.67	57	54	SE	8	0	5	Valencia	29.78	59	53	NNW	4	bc	5
Thurso	29.34	34	32	W	3	bc	2	Scilly	29.73	60	60	W	5	of	5
Scarborough ...	29.49	54	53	S	4	r	3	London	29.67	60	56	SSW	4	0	*
Greencastle ...	29.57	55	48	NNW	3	c	*	Rochefort ...	29.92	64	59	NNW	4	0	3
Holyhead	29.66	56	52	NW	5	c	4								

Pressure is increasing briskly in the W. and NW. but is decreasing in the E. and S. The wind has shifted to NW. except in the Channel and on our east coast.

EXPLANATION OF COLUMNS.

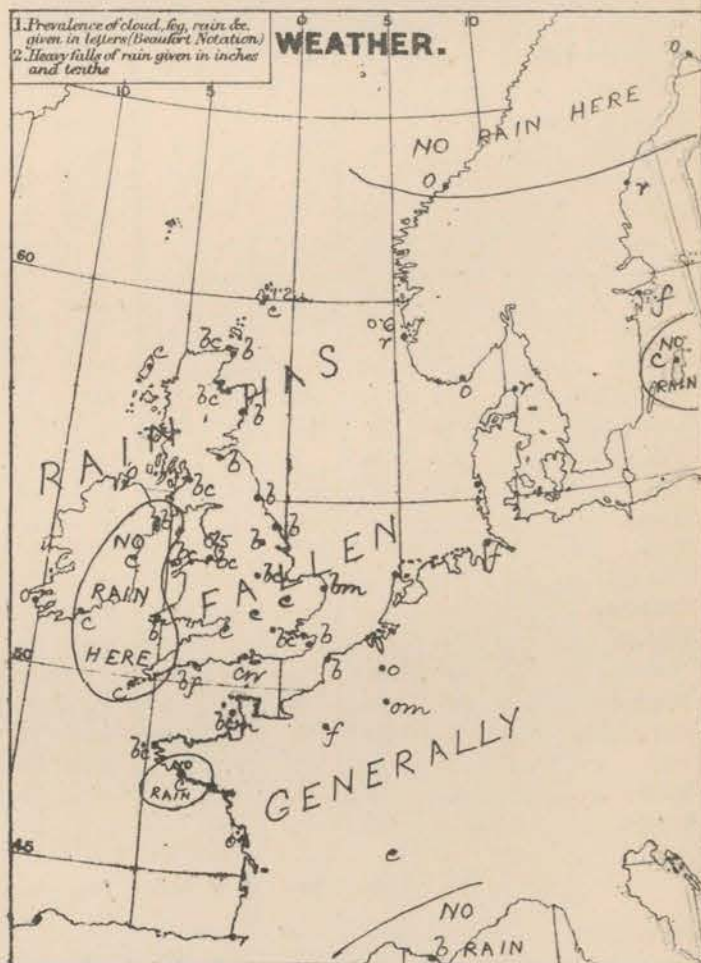
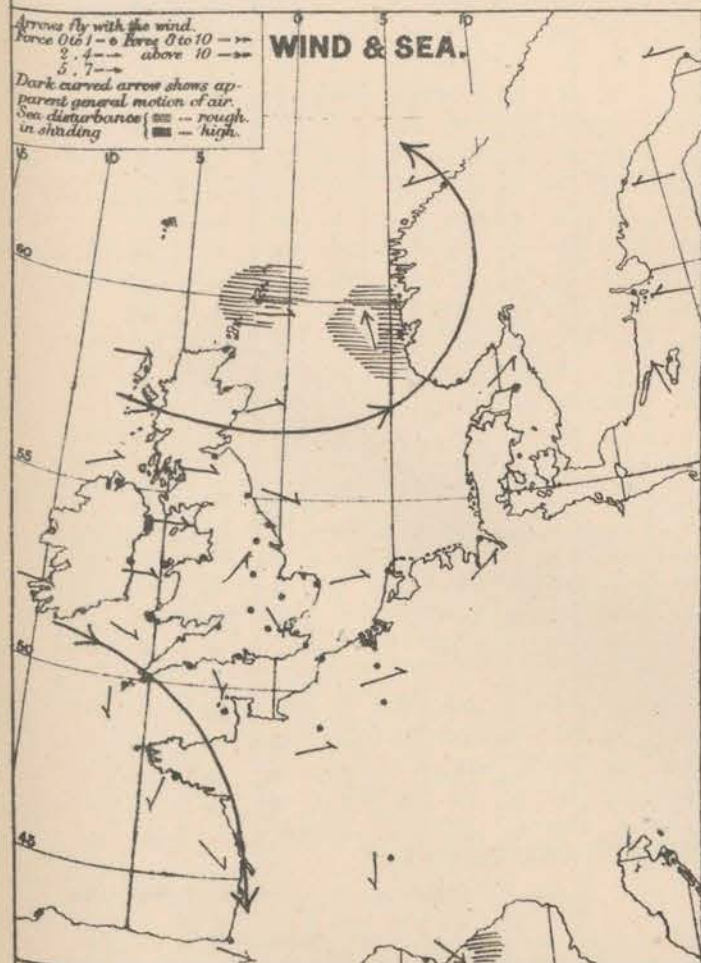
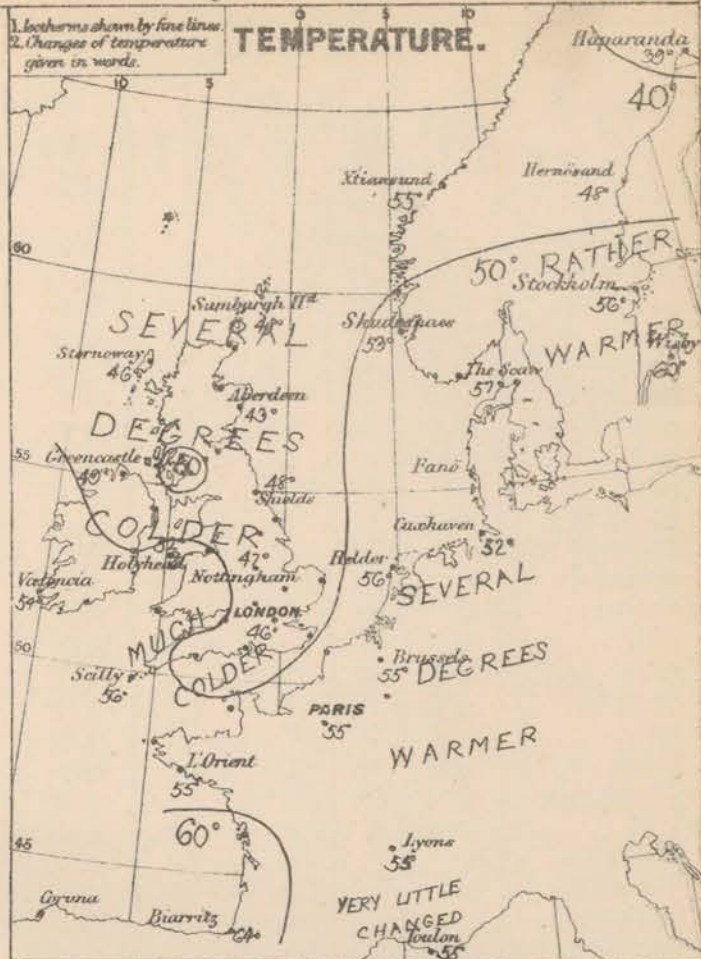
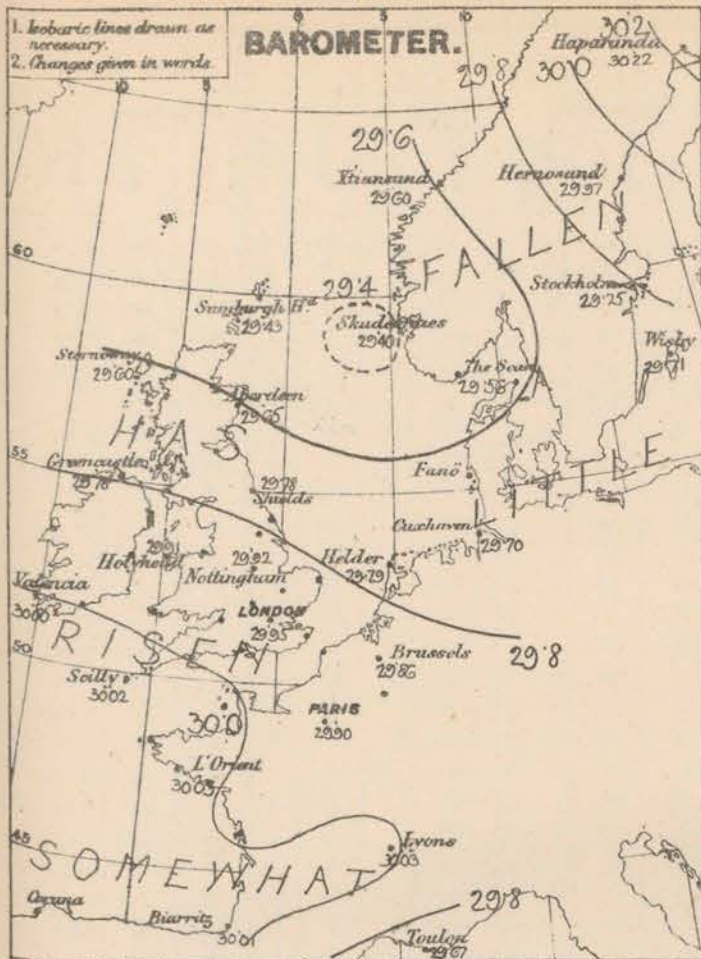
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Thursday 26th SEPT^r 1878.



REMARKS. Weather is cloudy or dull over Ireland, Scandinavia and in many parts of France, but elsewhere the sky is nearly clear. Rain is falling at Aagen, Sweden and Hernösand and fog or mist is reported in the south and south-east. Rain has fallen in slight amounts generally, but at Samsburgh H. 1.17 in. has been measured. Temperature has fallen several degrees over these islands; at present it varies from 56° at Scilly to 46° at Plymouth, and 43° at Aberdeen; over the greater part of the Continent the thermometer has risen. Wind is light or moderate on most coasts; it is W to NW over these islands and N over France, but is E to SE over Scandinavia. Sea is moderate to slight.

Barometrical Indications. Pressure has increased over the whole of these islands and France, but has fallen over Norway, Sweden and Denmark. Depression which yesterday lay to the N of Scotland is now shown off the west of Norway, while a small subsidiary disturbance which passed over south eastern England last evening lies over the north east of France.

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

SEPT 27th 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 ...	29.07	42	E	4	c	29.75	-.47	40	39	+ 1	E	6	+	*	48	36	-	
Hernösand ...	29.61	49	ENE	8	r	29.42	-.55	46	45	- 2	SSH	4	δ	*	*	*	1.89	
Stockholm ...	29.56	57	SSH	2	+	29.62	-.13	48	45	- 8	SH	6	δ	*	*	*	0.09	
Wisby ...	29.68	57	NNH	6	c	29.74	+ .03	53	49	- 7	NNH	6	δc	*	*	*	0.08	
Christiansund ...	29.32	53	SE	3	+	29.25	-.35	49	48	- 6	SH	3	+	3	57	45	0.24	
Skudesnaes ...	29.50	50	NNH	6	c	29.42	+ .02	51	48	- 2	S	2	c	4	54	50	-	
Oxö (Xiansand) ...	29.59	49	SSH	6	+	29.54	+ .04	48	45	- 8	SSH	6	+	δ	55	45	0.20	
Skagen (The Seaw)	29.61	51	N	6	δc	29.59	+ .03	48	?	- 9	SSH	7	+	6	59	43	0.16	
Fanö ...	29.80	52	NNH	5	c	29.75		57	51		N	6	δc	*	59	48	0.12	
Cuxhaven ...	29.91	56	NH	1	c	29.90	+ .20	53	52	+ 1	SSH	3	c	*	57	48	0.01	
Sumburgh Head ...	29.44	49	SSH	4	c	29.50	+ .07	51	51	+ 3	NNH	5	+	4	54	46	0.12	
Stornoway ...	29.68	49	NNH	4	c	29.83	+ .23	50	48	+ 4	NNH	5	δc	4	51	44	0.03	
Thurso ...	29.61	48	N	5	c	29.74	+ .17	52	51	+ 6	NNH	5	c	4	52	44	0.58	
Wick ...	29.59	47	NNH	4	δc	29.70	+ .14	52	51	+ 7	NN	6	+	2	52	43	0.21	
Nairn ...	29.69	49	N	4	c	29.83	+ .15	47	45	+ 3	NN	2	δ	2	54	44	0.02	
Aberdeen ...	29.69	51	NNH	3	δc	29.76	+ .11	50	45	+ 7	NNH	5	δ	1	57	42	-	
Leith ...	29.74	52	N	4	δ	29.86	+ .15	50	47	+ 2	NNH	3	δ	*	58	45	-	
Shields ...	29.84	52	N	2	δ	29.92	+ .14	51	48	+ 3	N	1	cw	1	57	44	0.01	
Scarborough ...	29.88	51	SSH	2	δ	29.96	+ .14	52	50	+ 4	N	1	c	2	57	48	-	
York ...	29.91	51	N	2	δ	29.96	+ .12	52	51	+ 6	N	1	c	*	60	45	-	
Nottingham ...	29.98	51	SH	1	δ	?	?	54	52	+ 7	NNH	5	δc	*	63	44	-	
Ardrossan ...	29.81	54	NNH	3	c	29.91	+ .17	53	50	+ 2	NNH	2	δc	2	56	50	0.02	
Greencastle ...	29.87	51	N	2	cq	29.93	+ .15	52	52	+ 3	S	1	c	*	56	47	0.13	
Donaghadee ...	29.91	51	N	4	+	29.95	+ .12	52	52	+ 6	SH	1	c	0	56	46	0.11	
Kingstown ...	29.97	55	N	3	c	29.97	+ .05	59	58	+ 9	N	4	e	3	59	49	0.04	
Holyhead ...	29.96	55	SSH	3	c	29.97	+ .06	57	56	+ 5	N	2	m	1	58	51	0.05	
Liverpool (Bidston) ...	29.94	53	SSH	3	c	29.98	+ .10	52	51	+ 1	SSE	1	+	1	56	51	0.03	
Valencia ...	30.02	57	SSH	3	c	30.07	+ .07	59	58	+ 5	SSH	3	odg	3	60	53	0.11	
Roche's Point...	30.05	55	N	3	c	30.06	+ .06	59	57	+ 6	N	2	c	3	59	52	0.02	
Pembroke ...	30.04	56	SSH	4	c	30.05	+ .08	58	58	+ 4	SSH	5	om	4	58	53	0.05	
Portishead ...	30.03	55	N	3	δc	30.08	+ .12	54	52	+ 3	SH	4	c	3	61	47	-	
Seilly ...	30.11	56	N	4	og	30.16	+ .14	59	56	+ 3	SSH	5	c	4	62	55	-	
Plymouth ...	30.09	55	N	0	c	30.15	+ .15	56	54	+ 12	N	0	df	*	57	43	-	
Hurst Castle ...	30.06	55	N	3	δ	30.11	+ .15	58	55	+ 11	N	4	δ	4	62	46	-	
Dover ...	30.05	53	NNH	1	δc	30.10	+ .18	53	51	+ 4	NNH	3	δ	1	57	48	-	
London ...	30.04	56	N	1	δm	30.09	+ .14	51	48	+ 5	N	1	δc	*	62	44	-	
Oxford ...	30.04	51	NNH	1	δc	30.08	+ .12	55	52	+ 11	SSH	2	c	*	58	43	-	
Cambridge ...	30.02	50	SSH	1	δ	30.04	+ .10	52	50	+ 7	SH	1	c	*	61	43	-	
Yarmouth ...	29.98	54	SSH	1	δc	30.03	+ .16	52	50	+ 5	N	2	δ	2	57	45	-	
The Helder ...	*	*	*	*	*	29.96	+ .17	57	54	+ 1	SSH	2	c	*	*	*	-	
Cape Gris Nez ...	30.06	55	SSH	3	δc	30.12	+ .19	55	54	+ 3	NNH	3	δc	2	61	52	-	
Jersey ...	30.14	53	NNH	1	δ	30.22	+ .20	56	52	- 2	NN	1	c	1	59	51	-	
Brest ...	30.20	?	N	2	δ	30.21	+ .21	54	48	0	NE	1	c	3	61	48	-	
L'Orient ...	30.25	52	NE	2	δ	30.25	+ .22	52	52	- 3	NE	2	δ	2	66	46	-	
Rochefort ...	30.09	66	NNH	4	δc	30.19	+ .25	54	52	- 9	ENE	3	δ	3	68	50	-	
Biarritz ...	30.08	64	NNH	0	+	30.16	+ .15	61	57	- 3	ENE	1	c	3	68	57	0.12	
Corunna ...	*	*	*	*	*			*	*					*	*	*	*	
Brussels ...	*	*	*	*	*	30.12	+ .26	47	45	- 8	SH	3	δ	*	61	45	-	
Charleville ...	*	*	*	*	*	30.10	+ .28	39	*	- 11	ENE	1	f	*	*	*	*	
Paris ...	30.06	59	N	2	c	30.19	+ .29	47	44	- 8	NN	1	c	*	*	*	-	
Lyons ...	*	*	*	*	*	30.07	+ .04	59	*	+ 4	N	2	δ	*	*	*	*	
Toulon ...	29.71	68	NN	6	δ	29.83	+ .16	61	52	+ 6	NE	1	δ	3	68	54	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.49	50	48	NNH	5	+	4	Valencia	30.03	59	53	SSH	3	c	4
Thurso	29.62	47	46	N	4	+	4	Seilly	30.10	60	53	N	3	c	4
Scarborough ...	29.87	56	51	N	3	δ	2	London	30.01	57	50	N	2	δc	*
Greencastle ...	29.83	54	50	SSH	2	δc	*	Rochefort ...	30.04	64	61	NN	4	c	3
Holyhead	29.96	56	52	SSH	4	c	3								

Pressure is increasing everywhere, the winds are light from the westward.

EXPLANATION OF COLUMNS.

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

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

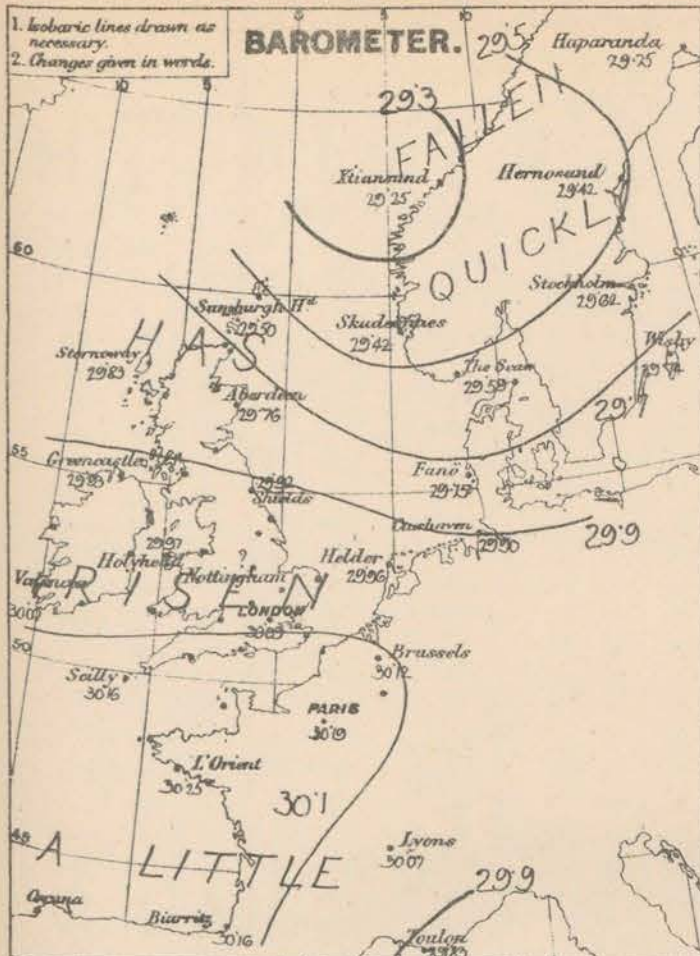
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Fri day 27th SEPT^r 1878.

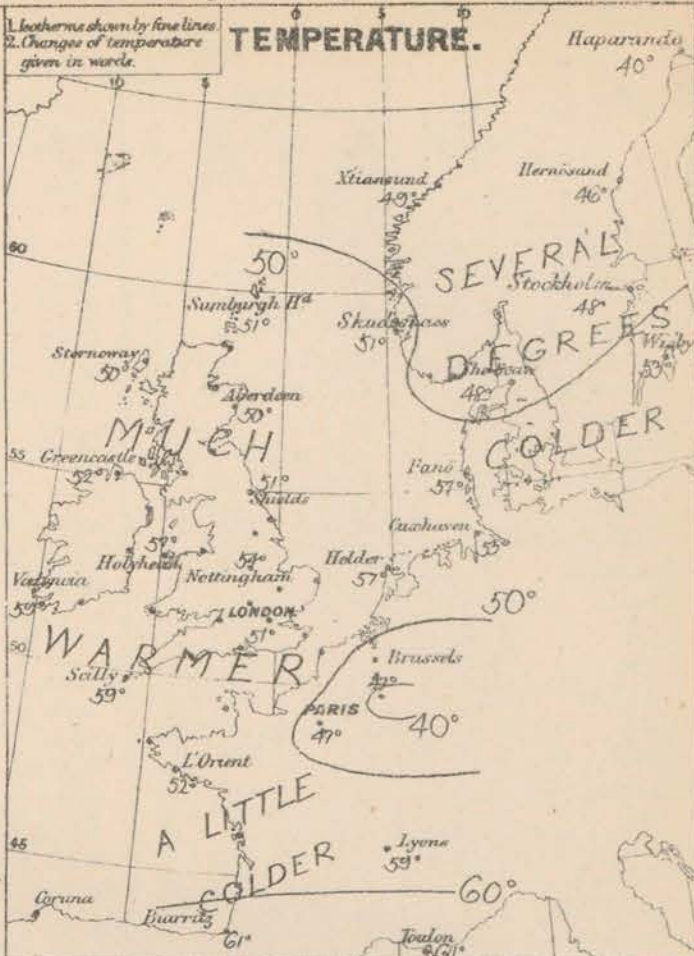
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



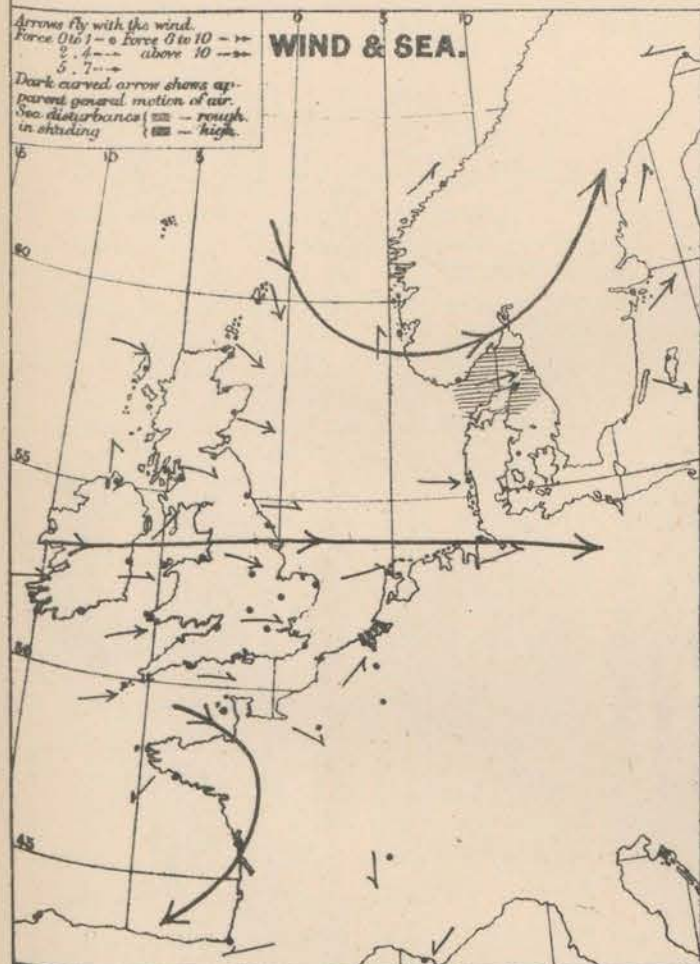
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



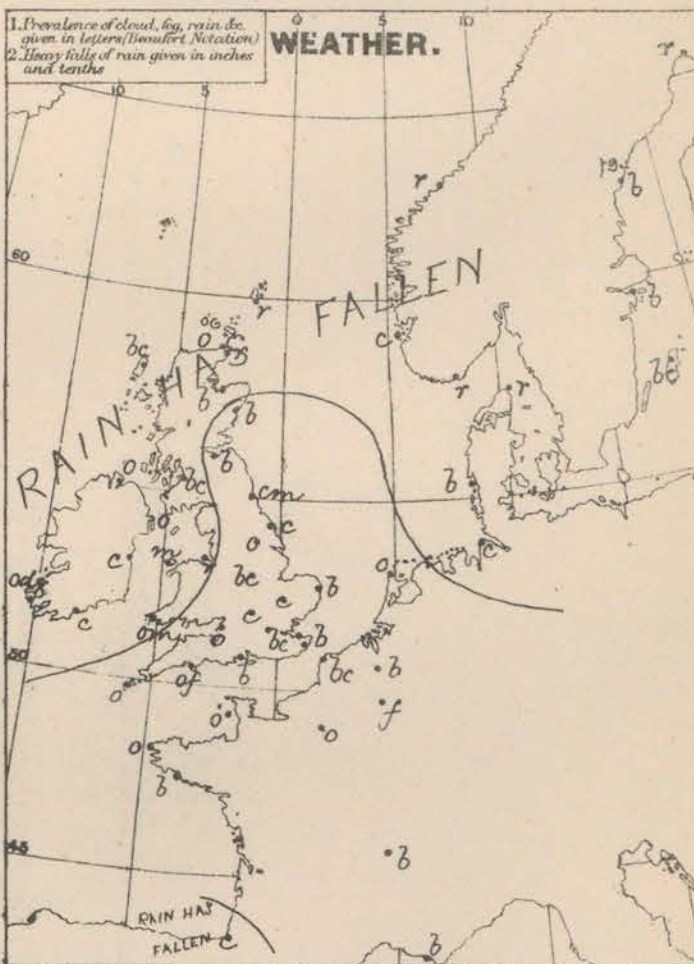
1. Arrows fly with the wind. Force 0 to 10 ————
Force 11 to 20 ————
Force 21 to 30 ————
Force 31 to 40 ————
Force 41 to 50 ————
Force 51 to 60 ————
Force 61 to 70 ————
Force 71 to 80 ————
Force 81 to 90 ————
Force 91 to 100 ————
2. Dark curved arrow shows apparent general motion of air. See disturbance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

WIND & SEA.



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

WEATHER.



REMARKS.

Weather is overcast or very cloudy at our western stations, in the north of Scotland, over Norway, Denmark and in many parts of France; rain is falling at the Norwegian stations, Sundburgh H., Trich, Frederik and Valentia, but in all other places the sky is clear or nearly so. Slight rain fell in the west and north yesterday, and thunder occurred at Oxford in the afternoon. Temperature has fallen on the continent generally, but has risen briefly over these Islands; it varies at present from 59° in the south west to 47° at Paris; Holyhead is 10° and Trich 5° higher than Paris. Wind is W on our coasts, but draws into SW and S over Scandinavia, while in France it is NE; in the north it is fresh or strong in force, but is light or moderate elsewhere. Sea is moderate to slight except at Skagen.

Barometrical Indications. Pressure has decreased more than half an inch in the north of Scandinavia since yesterday, and the barometer is now falling all along the eastern shores of the North Sea, but over these Islands and France it is rising steadily. Readings are highest over the north west of France, while a large depression lies near Christiansund.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEPT 28TH

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.	
			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 ...	29.62	40	E	6	0	29.57	-.18	37	37	-.3	N	2	0	*	41	34	0.47	
Hernösand ...	29.37	44	S	1	0	29.41	-.01	43	42	-.3	Z	0	0	*	*	*	0.08	
Stockholm ...	29.50	50	WSW	4	0	29.48	-.14	32	48	+.4	SW	4	0	*	*	*	-	
Wisby ...	29.72	53	N	8	0	29.59	-.15	55	52	+.2	NNN	8	0	*	*	*	-	
Christiansund ...	29.38	47	NN	4	+	29.50	+.25	47	45	-.2	NN	5	0	4	50	41	0.47	
Skudesnaes ...	29.60	53	NNN	8	0	29.74	+.32	3	46	0	NNN	6	0	4	34	?	-	
Oxö (Klansand)	29.51	52	N	4	0	29.67	+.13	51	47	+.3	WSW	4	0	2	55	48	-	
Skagen (The Swan)	29.51	54	WSW	4	0	29.61	+.02	54	50	+.6	NNN	8	0	8	57	48	0.32	
Fanö ...	29.77	55	NNN	6	0	29.87	+.12	55	51	-.2	NNN	6	0	*	57	52	0.08	
Cuxhaven ...	29.93	56	NNN	4	0	29.96	+.06	56	56	+.3	NNN	4	0	*	57	52	0.02	
Sumburgh Head	29.78	50	NNN	5	0	29.88	+.38	48	45	-.3	NNN	4	0	4	53	45	0.01	
Stornoway	29.95	51	N	3	0	29.97	+.14	49	49	-.1	N	0	0	0	53	49	0.05	
Thurso ...	29.91	51	NNN	4	0	29.97	+.23	50	50	-.2	NNN	1	0	3	56	43	0.25	
Wick ...	29.91	50	NN	3	0	29.94	+.24	49	48	-.2	N	1	0	0	56	46	0.20	
Nairn ...	29.98	50	NN	2	0	29.99	+.16	47	45	0	NN	2	0	1	57	43	-	
Aberdeen ...	29.92	54	NN	3	0	29.99	+.23	45	43	-.5	N	1	0	1	59	41	-	
Leith ...	29.95	55	NN	3	0	29.97	+.11	47	45	-.3	WSW	1	0	*	63	43	-	
Shields ...	29.99	57	NN	1	0	30.03	+.11	52	49	+.1	N	1	0	1	61	47	-	
Scarborough	30.00	57	N	1	0	30.05	+.09	53	52	+.1	N	1	0	1	60	48	-	
York ...	30.02	55	N	1	0	30.04	+.08	54	54	+.2	S	1	0	*	61	51	0.08	
Nottingham ...	30.06	57	N	1	0	30.08	?	60	59	+.6	S	2	0	*	65	51	0.01	
Ardrossan ...	30.00	54	NNN	3	0	29.98	+.07	51	49	-.2	NE	1	0	0	60	47	-	
Greencastle ...	30.00	54	SW	1	0	29.96	+.03	55	55	+.3	SW	1	0	*	58	49	0.10	
Donaghadee ...	30.04	55	N	2	0	29.99	+.04	56	56	+.4	WSW	1	0	0	59	52	0.15	
Kingstown ...	30.06	62	N	1	0	30.04	+.07	60	58	+.1	NNN	4	0	3	63	58	-	
Holyhead ...	30.05	59	N	1	0	30.08	+.06	58	58	+.1	SW	3	0	2	64	57	0.02	
Liverpool (Bidston)	30.05	57	N	1	0	30.04	+.06	59	57	+.7	SSW	2	0	1	59	?	0.04	
Valencia ...	30.10	59	S	3	0	30.08	+.01	59	59	0	S	2	0	2	62	56	0.01	
Roche's Point...	30.11	62	WSW	3	0	30.11	+.05	59	57	0	WSW	2	0	3	65	55	-	
Pembroke ...	30.11	59	N	3	0	30.12	+.07	58	57	0	WSW	3	0	3	60	57	-	
Portishead ...	30.11	55	SSW	3	0	30.10	+.02	60	59	+.6	SSW	2	0	2	62	52	-	
Scilly ...	30.18	60	WSW	4	0	30.16	0.00	59	59	0	SSW	2	0	4	62	58	0.01	
Plymouth ...	30.16	60	SW	1	0	30.15	0.00	59	58	+.3	NNN	2	0	*	62	55	0.04	
Hurst Castle ...	30.13	62	N	5	0	30.13	+.02	61	60	+.3	N	3	0	4	66	56	-	
Dover ...	30.10	59	N	3	0	30.12	+.02	57	55	+.4	WSW	1	0	1	63	53	0.02	
London ...	30.10	61	N	2	0	30.13	+.04	58	56	+.7	N	1	0	*	61	57	-	
Oxford ...	30.08	60	N	1	0	30.10	+.02	59	58	+.4	SW	2	0	*	62	55	-	
Cambridge ...	30.05	60	SW	1	0	30.10	+.06	56	56	+.4	SW	1	0	*	62	57	-	
Yarmouth ...	30.04	56	WSW	2	0	30.07	+.04	55	54	+.3	WSW	2	0	2	58	50	0.01	
The Helder ...	*	*	*	*	*	30.03	+.07	58	56	+.1	NNN	1	0	*	*	*	-	
Cape Gris Nez	30.10	61	WSW	5	0	30.13	+.01	61	59	+.6	NNN	3	0	2	63	54	0.04	
Jersey ...	30.22	58	N	3	0	30.21	-.01	60	59	+.4	N	1	0	1	62	56	-	
Brest ...	30.25	?	WSW	2	0	30.20	-.01	55	54	+.1	ESE	2	0	3	60	52	-	
L'Orient ...	30.28	55	NNN	3	0	30.24	-.01	54	52	+.2	E	3	0	2	64	48	-	
Rochefort ...	30.17	66	NE	2	0	30.15	-.04	52	50	-.2	ENE	4	0	3	70	50	-	
Biarritz ...	30.17	64	N	4	0	30.08	-.08	54	50	-.7	ENE	1	0	4	66	50	-	
Corunna ...	*	*	*	*	*			*	*					*	*	*	*	
Brussels ...	*	*	*	*	*	30.13	+.01	57	56	+.10	SW	2	0	*	61	54	-	
Charleville ...	*	*	*	*	*	30.13	+.03	57	*	+.12	SSW	1	0	*	*	*	*	
Paris ...	30.19	55	NNN	1	0	30.21	+.02	54	52	+.7	NNN	1	0	*	*	*	-	
Lyons ...	*	*	*	*	*	30.23	+.16	57	*	-.2	NN	4	0	*	*	*	*	
Toulon ...	29.88	70	NN	3	0	29.96	+.13	64	55	+.3	E	5	0	4	77	63	-	

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 ...	29.47	54	52	NNN	6	+	4	Valencia	30.10	61	60	WSW	3	cur	4
Thurso	29.85	53	52	SW	5	+	4	Scilly	30.18	62	61	WSW	4	f	4
Scarborough...	29.96	60	56	N	1	0	2	London	30.08	60	57	N	1	0	*
Greencastle ...	29.99	55	54	SE	2	0	*	Rochefort ...	30.17	70	61	NE	3	0	3
Holyhead	30.03	62	60	WSW	2	0	1								

Barometer has ceased rising at Valencia, but there is no other change of importance.

EXPLANATION OF COLUMNS.

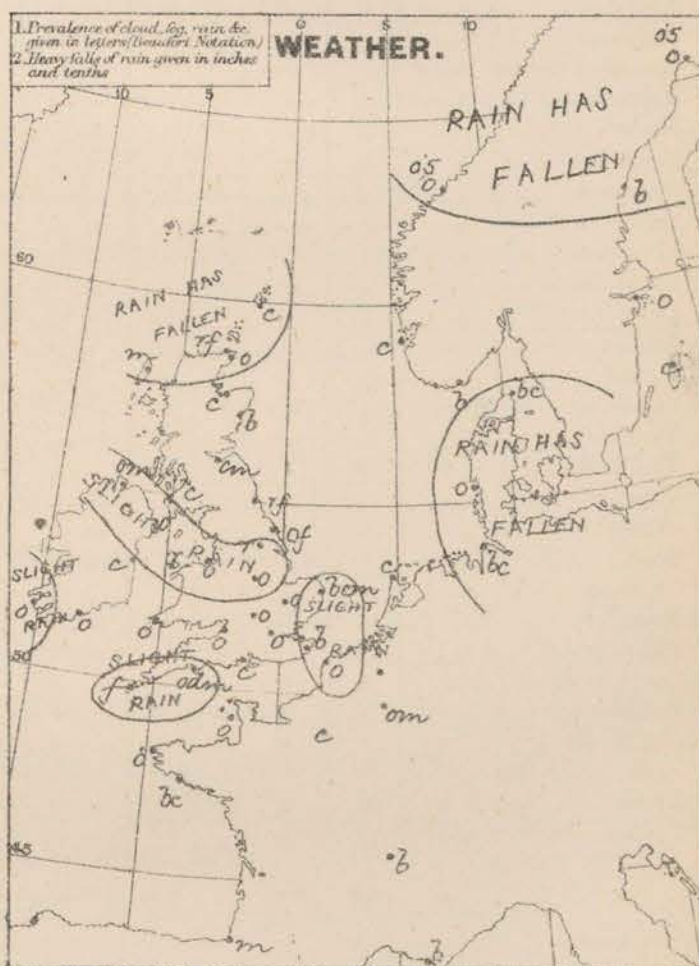
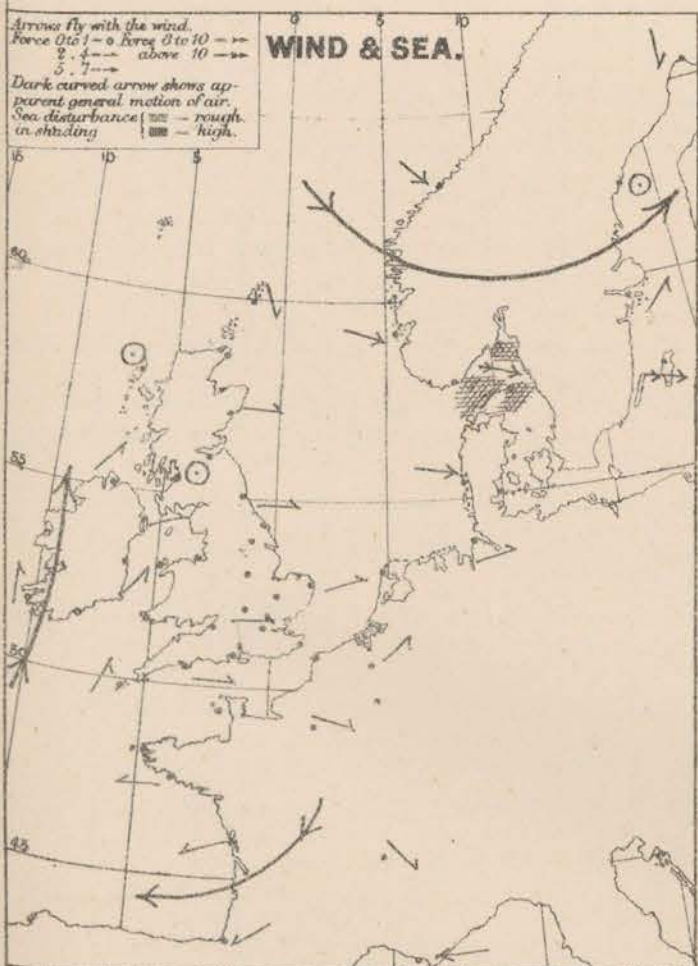
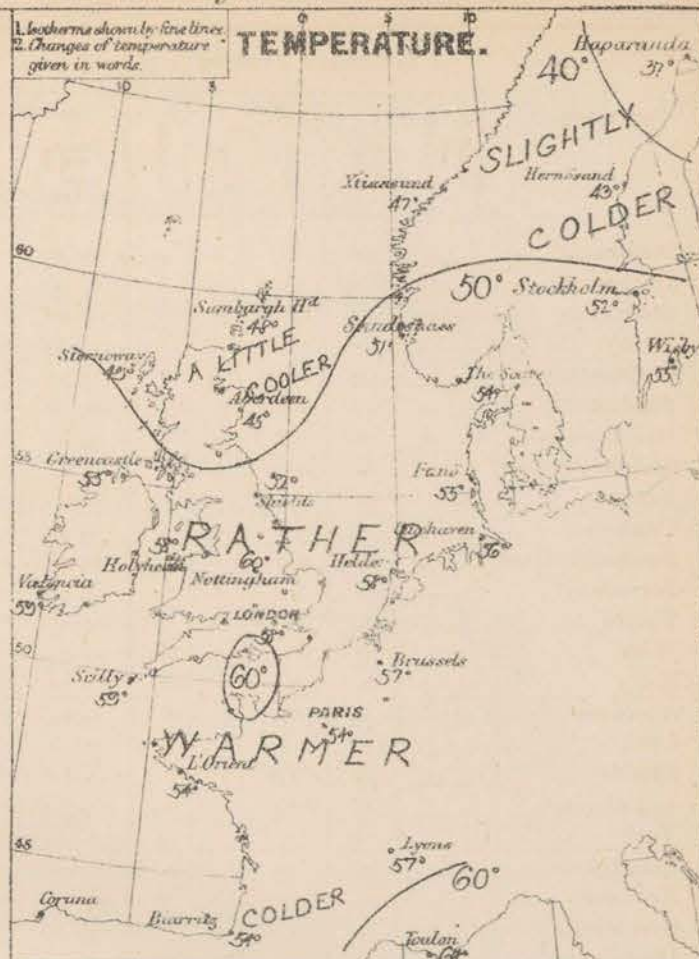
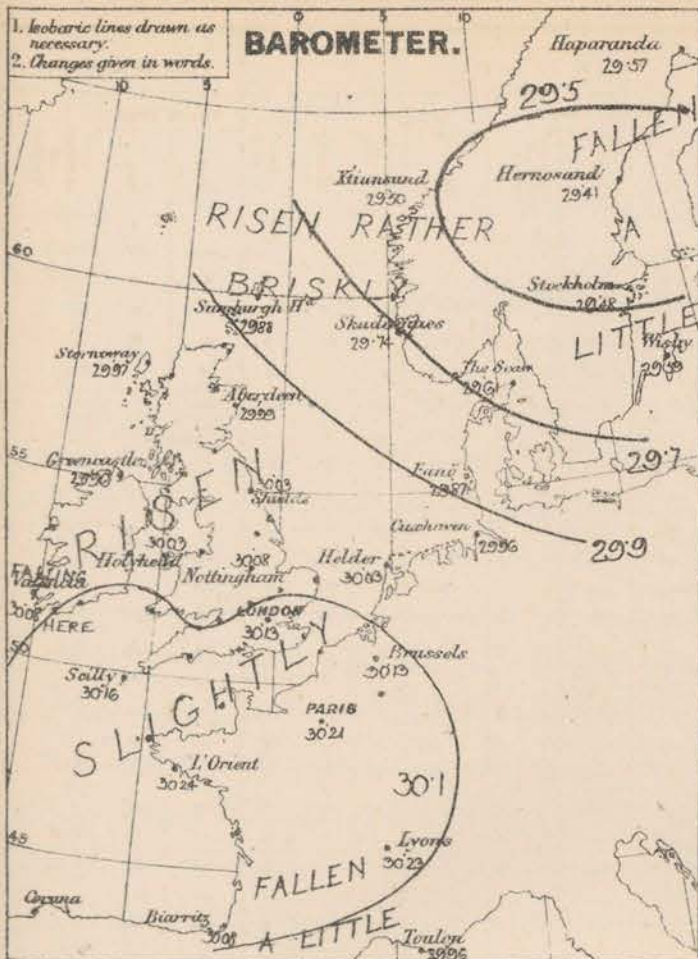
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 28th SEPT^r 1878.



REMARKS. Weather is moderately fine in the south east of France as well as at Yarmouth and Dover, but is overcast or cloudy elsewhere, with fog, mist or rain in many places. Light rain has occurred in many parts of the kingdom. Temperature has decreased in Scotland and in the north of Scandinavia, but has increased in most other districts; it varies from 61° at Hurst Castle to 45° at Aberdeen and 37° at Haparanda. The maxima yesterday were higher than of late, exceeding 60° at all the more southern stations, and reaching 66° at Hurst Castle. Wind is light on our own and the French coasts, from E. over the Bay of Biscay, and from W. to S.W. over these Islands and the east of France — but is strong for fresh gale from WNW on the eastern shore of the North Sea. Sea is moderate to slight.

Barometrical Indications. Pressure is beginning to decrease at our south western stations, but is increasing elsewhere; a large area of high readings lies over France, while the depression noticed off the west of Norway yesterday is passing away over the Baltic.

SUMMARY OF WEATHER IN WESTERN EUROPE

from SEPT 22ND to SEPT 28TH 1878.

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

Pressure has been in a very unsettled state during this week, and several disturbances have affected our weather. On the 22ND a rather large depression lay off the N.W. of Scotland, and a small subsidiary off our S.W. coasts, while the area of high readings was shown over North Germany; in consequence S.W. winds ranging from a light breeze to a fresh gale prevailed over these Islands. The depressions moved SE^{WD} and on Tuesday, when the barometer was rising at all except the North German stations, the area of lowest pressure was shown in the S.E., while readings were relatively high over the Baltic, off the N. coast of Ireland, and in the S.W. of France; the winds being fresh from the E^{WD} in the N., and light from N. to N.W. elsewhere. On the evening of that day a fresh fall of the barometer was reported from the Hebrides, and a new depression passed from N. to E. across our N.W. coasts, N.W. breezes and fair weather being experienced generally. On Friday and Saturday the barometer rose everywhere; an area of high readings lay over France, and pressure was very uniform over these Islands, the winds being light from N. to S. Temperature changes have been considerable and frequent, and rain has fallen very generally.

SUNDAY SEPT 22ND

Weather overcast except in Sweden and Denmark, with rain in N.W., a threatening appearance in S., and fog over the N.E. of France. Rain heavy and general during day and following night.

Temperature falling over the greater part of France, but rising briskly in Brittany and on most of our coasts. Readings low over the N. of England, uniform elsewhere. Thermometers reaching 60° only at Oxford, Hurst Castle, Talenhi and Thurso.

Wind S^E over the N. of France, the North Sea and on nearly all our coasts; light in force in the E. strong to a gale in the N. Strong N^E winds in the S.W. in the afternoon and S^E wind becoming strong and squally in the E. Sea rough N. and S.

Barometer falling except at Scandinavian and Danish stations, change exceeding half an inch in N. Large depressions lying off N.W. coast of Scotland. Small subsidiary passing E^{WD} over our S.W. stations.

MONDAY SEPT 23RD

Weather fine at some of the N. of England stations, but cloudy or dull generally with rain in the S.E. and over Brittany. Light rain falling in most places during the day.

Temperature rising over the greater part of France and in Norway, falling quickly elsewhere - rapidly on our S. coast. Maxima uniform between 55° and 60°.

Wind N.W. in the N., N^E in the S., and SE^E in the E., blowing strongly in the S.W. and N.E.

Sea rough in the N. and at Lally.

Barometer recovering somewhat in the S.W. at 8 am. falling elsewhere, rapidly in the S.E.; in the evening pressure increasing in the N. still decreasing in the S.E. The depression apparently travelling SE^{WD}.

TUESDAY SEPT 24TH

Weather cloudy or dull in the S. of Scandinavia and in many parts of France with rain in Brittany, but sky nearly clear over these Islands. During day rain falling at all but our extreme SE^{WD} stations about 0.5 in. in the N.W.

Temperature higher in N. and N., several degrees lower in the SE. and slightly lower or unchanged elsewhere.

Readings at 8 a.m. varying from 56° in the S.W. to 39° at Oxford, but in early morning the minima had fallen to 34° at Oxford and Nottingham.

Wind fresh E² over the North Sea and our N. coast, moderate N² in the N. and light and variable in the SE.
Sea moderate to slight.

Barometer falling on the E. shores of the North Sea, rising elsewhere till the evening. At 6 P.M. eastern side of a fresh depression appearing off the N.W. coast of Scotland, and barometer falling briskly.

WEDNESDAY SEPT 25TH

Weather fine in the SE., dull and rainy generally elsewhere, with fog and mist in many places. In the SE. heavy rain falling in the evening but sky clearing elsewhere.

Temperatures higher except in Scotland and the E. of France - the rise exceeding 10° over Central England. Readings varying from 59° at Valencia to 49° in Yorkshire the maxima ranging between 55° and 60° .

Wind N² in Ireland, S.W. to S² in the east and south, but E² in Norway. Force fresh at some N.W. stations, and strong in the NE. Later in the day becoming N.W. except in the SE.

Sea moderate to slight, except off the Shetlands and at Pembroke and Hurst Castle.

Barometer falling briskly in the N. rising in the SE. and over France. Large depression lying to the N.W. of Scotland. Disturbances moving E² subsequently, and barometer rising in N. and N. but small depression in the SE., causing a decrease.

THURSDAY SEPT 26TH

Weather cloudy or dull over Ireland to the E² of the North Sea, and in many parts of France, but fine and bright elsewhere. Rain falling in N. and N. during day. Thunder occurring at Oxford.

Temperatures higher over the NE. of France, but several degrees lower over these Islands. Readings varying from 56° at Lally, to 44° at Plymouth and Oxford, and 43° at Aberdeen. The maxima low generally, only exceeding 60° at a few stations.

Wind N² on our coasts, but drawing into N.W. or N. over France, and into S. and SE. over Scandinavia; moderate or light in force in most places.

Sea moderate to slight except in the north.

Barometer falling over Sweden, Norway and Denmark rising elsewhere - briskly in the N. and N. Depression lying off the N. coast of Norway, and the highest readings off our S.W. coast.

FRIDAY SEPT 27TH

Weather moderately fine in the E. and SE. but very cloudy and unsettled in most other places, with rain in Norway, the Shetlands, Hebrides and Valencia, slight rain subsequently occurring at many stations.

Temperatures several degrees lower in the NE. of France, and the Countries to the E² of the North Sea, much higher in these Islands, varying from 59° in the S.W. to 47° at Kairou. Maxima also higher than of late.

Wind moderate to fresh in force generally - from N. to N.W. on our coasts, from S.W. to E. in Scandinavia, and from N.W. to NE. in France.

Sea moderate to smooth except in the Skager Rack.

Barometer falling quickly in Norway, Sweden, but rising over the British Isles and France. The recovery extending to Scandinavia late in the day.

Weather fine at Dover and Yarmouth and in the SE. of France, cloudy or overcast in most other districts, with much fog, mist rain. Sky dull all day.

Temperatures very uniform, rather higher over England, Ireland and the N. of France, lower elsewhere, Maxima exceeding 60° except in the N. and reaching 72° at Highgham and 71° at Cambridge.

Wind light on our coasts from S.W., moderate from E. over the Bay of Biscay and strong from N.W. in Norway and Denmark.

Sea slight except in the Skager Rack.

Barometer rising except at Valencia, readings highest over France, but uniform over these Islands. The decrease from the N. subsequently becoming general.

Meteorological Office,

116. Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT

SEPT. 29TH

1878.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 350 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 15).		Reading at 350 ft. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.			
Haparanda ...	29.64	40	N	0	0	29.66	+ .09	39	39	+ 2	N	2	0	*	43	34	-		
Hernösand ...	29.61	44	N	2	0	29.71	+ .30	40	38	- 3	N	4	0	*	*	*	0.04		
Stockholm ...	29.55	49	N	0	0	29.58	+ .10	46	44	- 6	N	0	0	*	*	*	0.20		
Visby ...	29.58	56	NNW	8	0	29.60	+ .01	53	50	- 2	NN	6	0	*	*	*	-		
Christiansund ...	29.61	46	NNW	4	0	29.76	+ .26	46	42	- 1	NN	6	0	*	66	41	0.47		
Skudesnaes ...	29.57	50	NNW	4	0	29.89	+ .15	49	47	- 2	NN	6	0	*	52	?	-		
Oxö (Xiusand) ...	29.75	49	NNW	4	0	29.80	+ .13	48	44	- 3	N	4	0	*	56	46	-		
Skagen (The Sea) ...	29.70	51	NNW	7	0	29.75	+ .14	52	48	- 2	NN	4	0	*	57	46	-		
Fanö ...	29.91	57	NNW	5	0	29.94	+ .07	54	50	- 1	NNW	6	0	*	57	48	-		
Cuxhaven ...	30.01	56	NN	1	0	30.01	+ .05	56	54	0	N	4	0	*	57	52	-		
Sumburgh Head ...	29.96	47	N	4	0	30.04	+ .16	46	44	- 2	N	3	0	*	51	46	-		
Stornoway ...	29.98	57	E	2	0	29.99	+ .02	50	48	+ 1	ENE	5	0	*	52	47	0.07		
Thurso ...	30.03	49	N	2	0	30.07	+ .13	48	45	- 2	N	2	0	*	52	44	0.03		
Wick ...	30.04	48	N	2	0	30.05	+ .11	48	44	- 1	N	2	0	*	51	40	0.07		
Nairn ...	29.99	50	N	0	0	30.04	+ .05	46	44	- 1	N	2	0	*	54	47	0.07		
Aberdeen ...	30.00	53	NE	1	0	30.05	+ .06	49	48	+ 4	ENE	1	0	*	58	44	0.06		
Leith ...	29.96	54	E	1	0	29.99	+ .02	50	50	+ 3	ESE	2	0	*	59	45	0.20		
Shields ...	30.01	52	SE	1	0	30.04	+ .01	53	52	+ 1	E	1	0	*	57	51	0.02		
Scarborough ...	30.01	56	SE	1	0	30.03	- .02	54	54	+ 1	SSE	1	0	*	57	51	0.04		
York ...	30.01	57	N	1	0	30.03	- .01	55	55	+ 1	SSE	1	0	*	60	54	0.16		
Nottingham ...	30.06	63	N	0	0	30.05	- .03	58	57	- 2	N	0	0	*	72	54	-		
Ardrossan ...	29.97	57	N	0	0	29.99	+ .01	62	50	+ 1	NE	1	0	*	61	50	0.09		
Greencastle ...	29.98	60	NNW	1	0	29.95	- .01	56	56	+ 1	E	1	0	*	61	53	0.01		
Donaghadee ...	30.02	60	NNW	1	0	29.99	- .00	56	56	0	N	1	0	*	62	55	-		
Kingstown ...	30.03	63	SE	1	0	30.01	+ .03	58	57	- 2	N	0	0	*	65	58	0.07		
Holyhead ...	30.04	59	SSW	1	0	30.01	- .02	59	58	+ 1	S	1	0	*	64	57	0.07		
Liverpool (Bidston) ...	30.04	58	N	2	0	30.03	- .01	58	56	- 1	SE	1	0	*	61	57	0.03		
Valencia ...	30.02	59	S	3	0	29.90	- .18	58	54	- 1	SSE	2	0	*	62	55	0.05		
Roche's Point ...	30.09	60	S	3	0	29.98	- .13	57	55	- 2	SSE	3	0	*	64	55	-		
Pembroke ...	30.08	58	N	1	0	30.02	- .10	58	56	0	S	1	0	*	61	57	0.02		
Portishead ...	30.08	60	SW	2	0	30.03	- .07	57	56	- 3	SW	1	0	*	66	53	-		
Scilly ...	30.11	59	N	0	0	30.00	- .16	59	58	0	ESE	5	0	*	62	56	0.01		
Plymouth ...	30.11	60	SW	1	0	30.04	- .11	57	55	- 2	N	0	0	*	65	55	-		
Hurst Castle ...	30.09	62	NNW	3	0	30.06	- .07	58	58	- 3	E	1	0	*	66	56	-		
Dover ...	30.09	62	N	1	0	30.05	- .07	59	57	+ 2	NNW	1	0	*	65	57	-		
London ...	30.08	64	N	2	0	30.07	- .06	54	53	- 4	N	0	0	*	66	57	-		
Oxford ...	30.07	60	N	1	0	30.06	- .04	57	57	?	SW	1	0	*	65	52	-		
Cambridge ...	30.05	62	SW	1	0	30.06	- .04	57	57	+ 1	N	0	0	*	71	54	-		
Yarmouth ...	30.03	60	S	1	0	30.04	- .03	58	57	+ 3	N	0	0	*	63	53	-		
The Helder ...	*	*	*	*	*	30.03	- .00	57	55	- 1	NE	1	0	*	*	*	0.24		
Cape Gris Nez ...	30.15	59	N	0	0	30.06	- .15	60	58	0	E	2	0	*	64	54	-		
Jersey ...	30.14	64	N	2	0	29.97	- .23	57	54	+ 2	ESE	3	0	*	66	52	-		
Brest ...	30.11	57	NNW	1	0	30.00	- .24	55	54	+ 1	E	3	0	*	68	52	-		
L'Orient ...	30.05	66	ENE	3	0	29.99	- .16	54	52	+ 2	E	4	0	*	70	48	-		
Rochefort ...	29.99	64	NE	3	0	29.91	- .17	63	57	+ 9	SE	3	0	*	66	52	-		
Biarritz ...	30.07	62	N	2	0	30.07	- .06	58	57	+ 1	SW	2	0	*	65	57	-		
Corunna ...	30.07	60	N	2	0	30.06	- .07	56	56	+ 5	SE	3	0	*	*	*	*		
Brussels ...	30.09	59	E	1	0	30.09	- .12	49	49	- 5	SE	1	0	*	*	*	*		
Charleville ...	30.14	59	E	1	0	30.12	- .11	55	55	- 2	E	2	0	*	*	*	*		
Paris ...	30.02	63	E	2	0	30.06	+ .10	61	59	- 3	E	5	0	*	70	?	-		
Lyons ...	30.02	63	E	2	0	30.06	+ .10	61	59	- 3	E	5	0	*	70	?	-		
Toulon ...	30.02	63	E	2	0	30.06	+ .10	61	59	- 3	E	5	0	*	70	?	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.79	51	47	NNW	6	0	Valencia ...	30.06	60	59	S	2	0
Thurso ...	30.01	50	49	N	1	0	Scilly ...	30.14	62	62	SW	2	0
Scarborough ...	30.01	57	56	SW	1	0	London ...	30.11	70	63	E	4	0
Greencastle ...	29.99	60	60	NNW	2	0	Rochefort ...	30.11	70	63	E	4	0
Holyhead ...	30.05	62	61	NNW	3	0							

No important change;— weather overcast at all stations.

EXPLANATION OF COLUMNS.

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

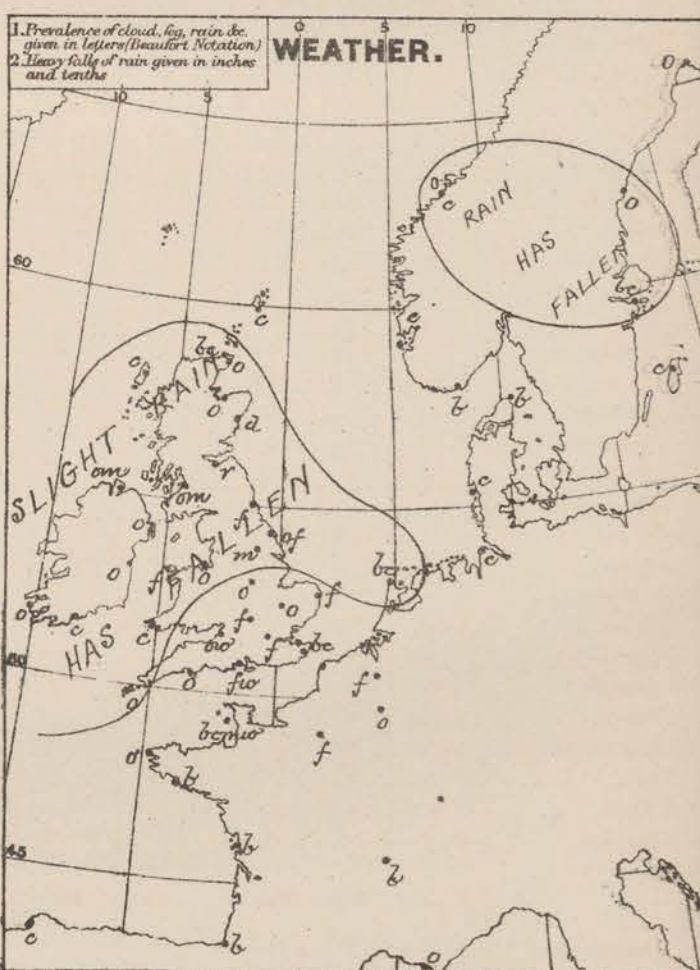
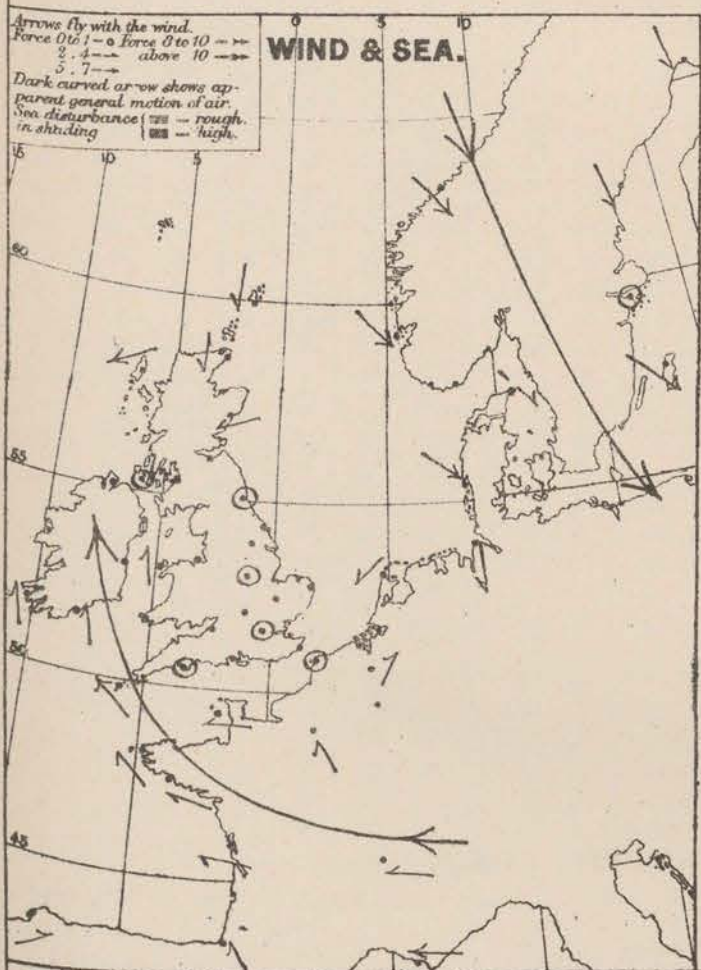
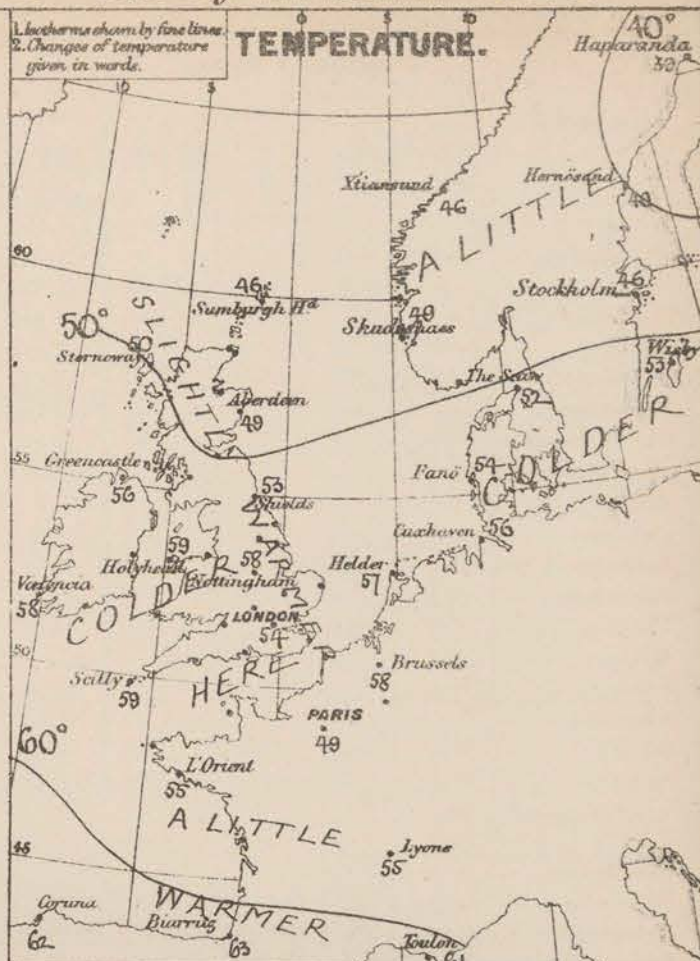
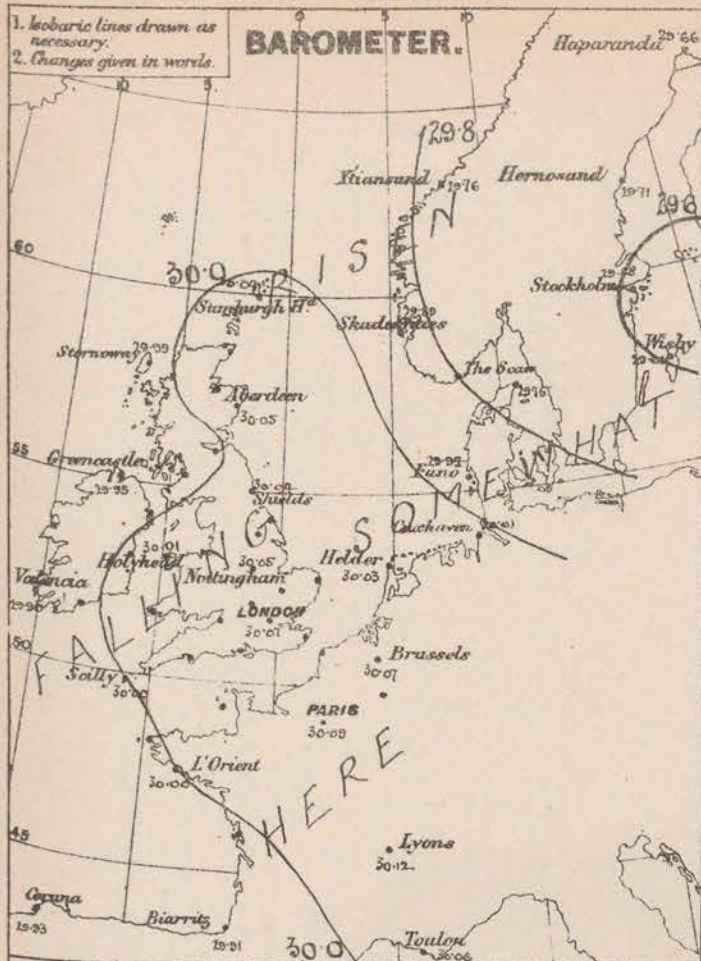
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† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS

for 8 a.m. on Sunday 29 SEPT^r 1878



REMARKS. Weather is moderately clear over the Skager Rack but is cloudy or overcast in nearly all other parts of N^w Europe, with rain at Leith and fog or mist in many places. Slight rain has fallen at several of our W^{and} N^{stations}. Temperature has decreased in nearly all parts of the country; it varies from 60° at Lerwick to 46° at Rain, the maximum yesterday some higher than of late, the thermometer reaching 72° at Nottingham and 71° at Cambridge, while it succeeded 60° at all the more S^{tations}. Wind is very light and variable or out of our coast, but a moderate to fresh E^{ly} breeze is reported on our W^{coasts}, while in Norway and Denmark a fresh NW^{ly} wind is experienced. Sea is moderate to slight. Barometrical Indications. Pressure is increasing somewhat in the N. and E., but is decreasing in the S. and W. and our Lane. The depression recently noticed is passing away over the Baltic.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT SEP 30TH 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			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 13).			Max.	Min.		
Haparanda ...	29.68	36	X	0	δ	29.62	-.04	37	37	-2	N	2	0	*	43	34	-	
Hernösand ...	29.76	38	X	0	δc	29.67	-.04	34	33	-6	X	0	δ	*	*	*	-	
Stockholm ...	29.68	43	NN	4	c	29.75	+.17	40	38	-6	NN	2	δ	*	*	*	-	
Wisby ...	29.68	51	NNE	8	δ	29.70	+.10	49	44	-4	NNN	6	c	*	*	*	-	
Christiansund ...	29.82	43	NNN	4	+	29.72	-.04	41	40	-5	SN	6	+	4	46	37	0.39	
Skudesnaes ...	29.89	46	NNN	2	δc	29.79	-.10	44	41	-5	NNN	2	0	2	36	?	-	
Oxö (Xtiansand) ...	29.82	49	NN	4	δ	29.76	-.04	44	40	-4	NNN	4	δc	2	55	43	-	
Skagen (The Seaw) ...	29.78	51	NN	2	δ	29.73	-.02	51	49	-1	X	0	δc	0	59	41	-	
Fanö ...	29.93	51	N	4	0	29.81	-.13	51	50	-3	X	0	0	*	57	48	-	
Cuxhaven ...	30.02	56	N	2	c	29.86	-.15	52	51	-4	S	1	c	*	?	50	-	
Sumburgh Head ...	30.09	45	NNE	3	c	29.89	-.15	43	39	-3	NNE	3	δ	2	51	38	-	
Stornoway ...	29.91	50	ENE	5	+	29.75	-.24	48	47	-2	ENE	6	c	5	51	46	0.19	
Thurso ...	30.00	48	ENE	1	0	29.84	-.23	46	45	-2	ENE	2	+	2	52	45	0.15	
Wick ...	29.99	48	E	2	0	29.81	-.24	47	45	-1	E	2	0	2	52	44	0.24	
Nairn ...	29.94	47	E	1	+	29.77	-.27	46	45	0	E	2	+	2	50	46	0.62	
Aberdeen ...	30.00	48	ESE	2	+	29.75	-.30	47	46	-2	ENE	5	+	4	51	46	1.00	
Leith ...	29.91	52	ESE	1	+	29.63	-.36	50	50	0	ENE	4	d	*	53	49	0.65	
Shields ...	29.95	54	SE	2	+	29.57	-.47	55	54	+	SE	1	d	3	55	51	0.22	
Scarborough ...	29.96	54	SE	2	0	29.57	-.46	54	54	0	SSE	2	off	2	57	54	0.14	
York ...	30.05	58	E	1	+	29.55	-.48	54	53	-1	E	1	+	*	63	53	0.32	
Nottingham ...	29.95	62	X	0	0	29.55	-.50	53	53	-5	SN	5	+	*	70	57	0.23	
Ardrossan ...	29.89	54	NE	2	0	29.63	-.36	51	49	-1	NE	4	0	3	55	51	0.07	
Greencastle ...	29.84	59	ESE	1	0	29.65	-.30	53	53	-3	N	2	0	*	64	52	0.20	
Donaghadee ...	29.90	59	S	2	c	29.61	-.38	53	53	-3	NE	4	+	3	61	53	0.12	
Kingstown ...	29.89	59	S	4	c	29.69	-.32	53	51	-5	N	5	c	4	?	51	0.59	
Holyhead ...	29.90	59	E	2	c	29.64	-.37	53	52	-6	N	6	mu	4	64	52	0.88	
Liverpool (Bidston) ...	29.91	60	SE	1	0	29.58	-.45	52	51	-6	N	5	0	4	66	52	0.29	
Valencia ...	29.78	55	ENE	2	c	29.87	-.03	58	55	0	N	3	0	4	61	49	0.15	
Roche's Point ...	29.87	57	SSE	4	0	29.85	-.13	54	50	-4	N	3	δ	3	60	50	0.10	
Pembroke ...	29.87	59	ESE	2	c	29.76	-.26	56	53	-2	NNN	6	c	4	60	51	0.13	
Portishead ...	29.92	63	SSN	3	0	29.73	-.30	55	53	-2	SN	5	δc	4	65	53	0.15	
Scilly ...	29.87	59	S	4	0	29.91	-.09	58	55	-1	NNN	6	c	5	62	56	0.04	
Plymouth ...	29.91	59	ENE	2	c	29.85	-.19	56	53	-1	N	4	δ	*	64	54	-	
Hurst Castle ...	29.95	61	SE	2	δc	29.76	-.30	59	56	+	N	5	δ	5	66	57	-	
Dover ...	29.98	59	NNN	1	δ	29.70	-.35	61	59	+	SN	5	bag p	4	64	55	0.04	
London ...	29.96	62	X	0	δc	29.67	-.40	56	54	+	N	5	δ	*	65	54	0.09	
Oxford ...	29.95	58	X	0	*	29.67	-.39	55	52	+	NNN	3	δ	*	64	52	0.04	
Cambridge ...	29.96	59	SN	1	c	29.66	-.40	52	52	-5	SN	1	c	*	65	50	0.21	
Yarmouth ...	29.99	59	SSE	1	δc	29.63	-.41	58	58	0	S	3	ty	3	63	55	0.06	
The Helder ...	*	*	*	*	*	29.75	-.28	56	55	-1	SE	1	δ	*	*	*	-	
Cape Gris Nez ...	29.99	59	NE	1	δc	29.74	-.41	59	59	-1	S	5	0	4	66	55	0.02	
Jersey ...	29.95	62	ENE	1	δ	29.90	-.16	59	56	-1	NNN	6	δm	5	68	58	-	
Brest ...	29.94	66	S	2	0	29.97	+.00	57	55	-2	NN	3	δ	3	70	54	-	
L'Orient ...	29.95	63	NNN	1	δ	30.04	+.04	59	55	+	SN	5	δc	4	70	54	-	
Rochefort ...	29.91	68	NE	2	δ	30.02	+.03	64	63	+	NN	4	0	3	79	45	-	
Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	29.79	-.28	57	55	-1	SSN	2	δ	*	63	54	-	
Charleville ...	*	*	*	*	*	29.85	-.21	49	*	-7	SSN	1	δ	*	*	*	*	
Paris ...	29.97	62	E	1	δ	29.87	-.22	54	50	+	SE	2	δ	*	*	*	-	
Lyons ...	*	*	*	*	*	30.06	-.06	61	*	+	NE	2	δ	*	*	*	*	
Toulon ...	30.07	66	E	1	m	30.11	+.05	?	61	?	X	0	?	1	72	61	-	

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.90	51	45	NNN	5	c	3	Valencia ...			
Thurso ...								Scilly ...			
Scarborough ...								London ...			*
Greencastle ...						*		Rochefort ...	29.90	70	64
Holyhead ...										NNE	3
										δ	4

EXPLANATION OF COLUMNS.

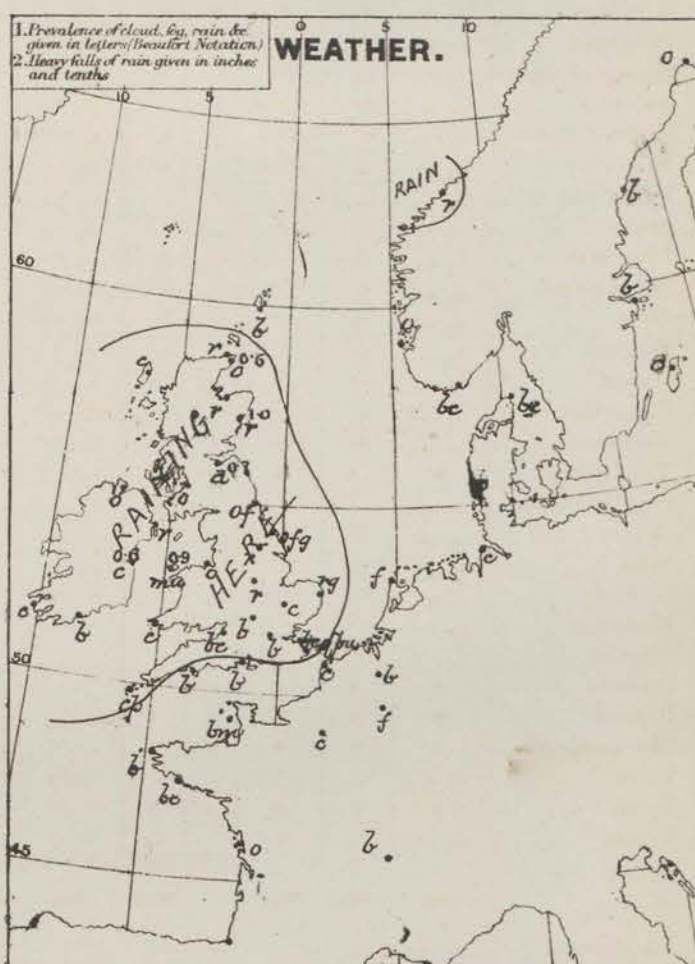
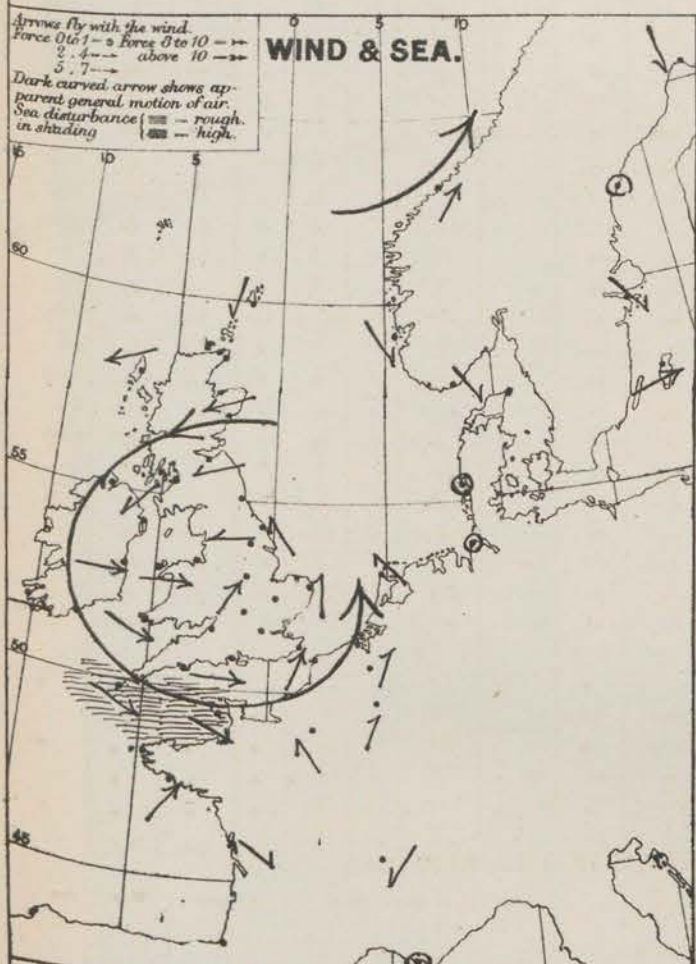
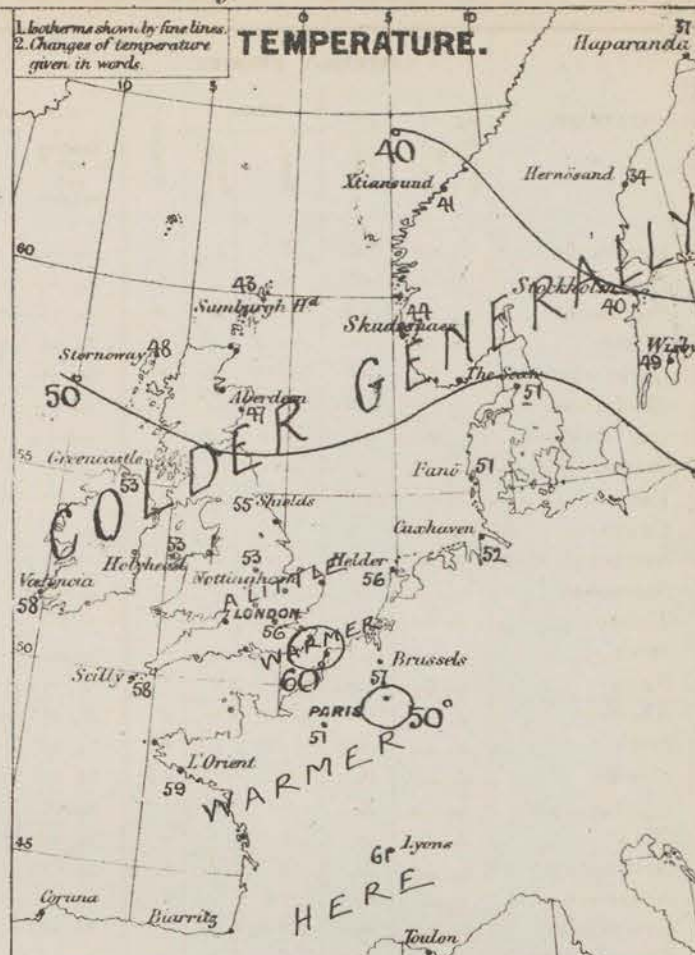
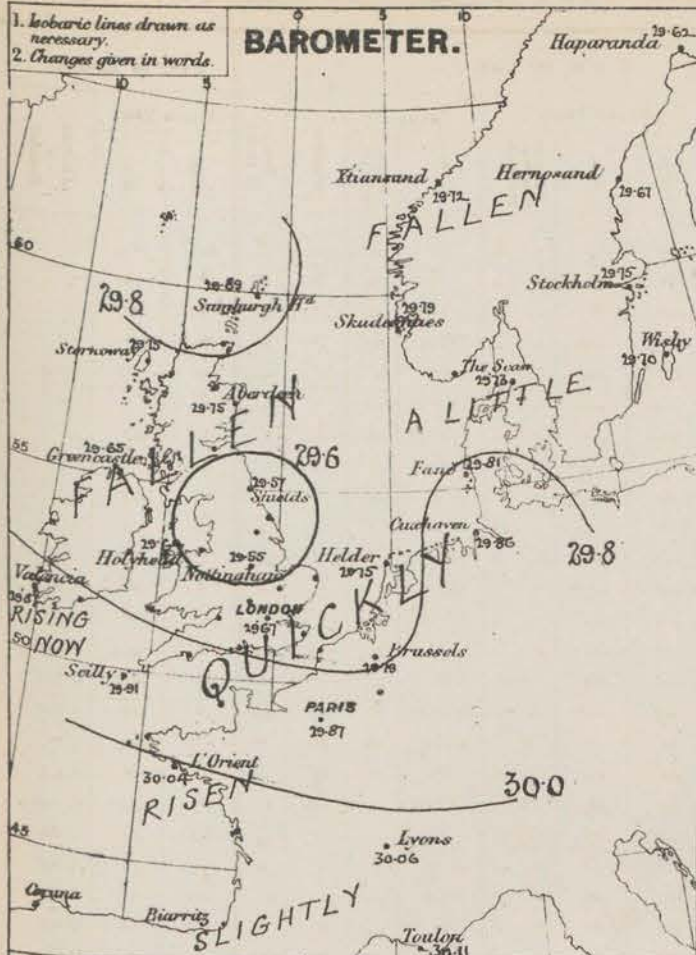
WEATHER.—Beaufort scale is, b. blue sky; a. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Monday 30. SEPT^r 1878.



REMARKS. Weather is in a very unsettled state; the sky is clear or nearly so in the S. of England and NW. of France, as well as in some parts of Sweden and Denmark, but in nearly all other places it is overcast or very cloudy; rain is reported in the E. and NE. and fog or mist at several stations. Slight thunderstorms were experienced early this morning at Nottingham, Portsmouth, Penzance, and Cambridge. Rain has fallen generally over these islands, including measured at Aberdeen, 0.9 in; at Holyhead, and more than 0.5 in at Lark and Kingstown. Temperature has decreased except over France and at some of our E. stations; it varies over the British Isles from 61 at Dover to 43 in the Netherlands, while the maximum yesterday succeeded 60 at all except the N. stations, reaching 70 at Nottingham, and 68 at Jersey. Wind is W. or NW. at the W. and S. stations, and E. in the N., while in the S. of Scandinavia it is NW.; it is generally moderate or fresh in force. Sea is rather rough in the Channel, and at Stornoway. Barometrical indications. Pressure has decreased quickly over these islands during the night, and a well marked depression has advanced from W. to E. across the Kingdom; it is now shown over the N. of England and S. of Scotland, and the barometer is rising again in the W. and SW.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR SEPT^r 1878

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 330 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
				Direc.	Force. (0 to 12).		Reading at 330 P. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
2 nd	Corunna...	*	*	*	*	*	30.24	?	64	*	?	Z	0	b	1	*	*	*	
3 rd	Corunna...	*	*	*	*	*	30.02	-22	65	*	+1	?	?	c	2	*	*	*	
4 th	Corunna...	*	*	*	*	*	29.85	-17	67	*	+2	NE	?	of	2	*	*	*	
	Brussels...	*	*	*	*	*	30.21	-11	59	55	0	WNW	1	bc	*	69	55	-	
5 th	Biarritz...	29.95	77	ESE	1	c	30.12	+21	70	66	+2	SSW	3	0	3	88	57	-	
	Corunna...	*	*	*	*	*	30.15	+30	67	*	0	SW	?	c	1	*	*	*	
6 th	Corunna...	*	*	*	*	*	30.25	+10	64	*	-3	?	?	of	2	*	*	*	
7 th	Corunna...	*	*	*	*	*	30.20	-05	68	*	+4	N	1	f	2	*	*	*	
10 th	Corunna...	*	*	*	*	*	30.16	?	65	*	?	NE	1	b	5	*	*	*	
11 th	Corunna...	*	*	*	*	*	30.04	-12	66	*	+11	NE	3	b	1	*	*	*	
12 th	Corunna...	*	*	*	*	*	30.15	+11	66	*	0	Z	0	bf	2	*	*	*	
13 th	Corunna...	*	*	*	*	*	30.15	00	66	*	0	NE	3	bf	2	*	*	*	
16 th	Haparanda...	29.64	49	SW	4	b	29.50	?	50	49	?	S	4	0	*	54	41	-	
	Hernösand...	29.66	52	S	4	bc	29.28	-52	56	55	+7	S	8	bc	*	*	*	-	
	Stockholm...	29.77	55	SSW	4	b	29.38	-48	63	60	+8	SSW	6	0	*	*	*	-	
	Nisby...	29.87	59	S	6	b	29.48	-40	66	61	+4	SSW	8	0	*	*	*	-	
	Corunna...	*	*	*	*	*	30.29	?	66	*	?	W	3	c	1	*	*	*	
17 th	Haparanda...	29.26	57	S	6	bc	29.09	-41	55	55	+5	SE	6	bc	*	57	43	0.47	
	Hernösand...	29.00	58	S	6	0	28.98	-30	51	50	-5	S	2	0	*	*	*	0.16	
	Stockholm...	29.16	52	SW	4	0	29.13	-25	55	51	+8	SW	6	bc	*	*	*	0.16	
	Corunna...	*	*	*	*	*	30.36	+07	64	*	-2	NE	3	c	?	*	*	*	
18 th	Corunna...	*	*	*	*	*	30.20	-16	60	*	-4	N	1	f	7	*	*	*	
19 th	Tanis...	29.45	55	W	4	c	29.45	-05	53	49	-9	WSW	6	c	*	63	58	0.55	
	Corunna...	*	*	*	*	*	30.11	-09	61	*	+1	N	9	c	7	*	*	*	
20 th	Corunna...	*	*	*	*	*	30.22	+11	62	*	+1	NE	6	c	7	*	*	*	
21 st	Corunna...	*	*	*	*	*	30.21	-01	58	*	-4	NE	3	b	5	*	*	*	
23 rd	Biarritz...	29.92	66	N	3	0	29.85	-14	64	57	+14	WSW	5	c	3	70	48	-	
24 th	Brest...	29.65	?	WN	3	0	29.62	+05	52	50	+4	SW	1	bc	3	59	45	0.43	
	Lorient...	29.67	55	WN	4	bc	29.63	+05	54	52	-1	WNW	3	bc	3	61	48	0.12	
	Rocheport...	29.69	63	WN	7	c	29.71	00	54	50	-7	ESE	3	bc	3	66	48	0.35	
	Corunna...	*	*	*	*	*	30.05	?	57	*	?	N	9	of	7	*	*	*	
	Brussels...	*	*	*	*	*	29.59	+04	50	*	-3	SW	4	b	*	59	49	0.35	
	Paris...	29.48	55	S	2	0	29.68	+09	46	46	-6	SSW	3	0	*	*	*	0.23	
25 th	Corunna...	*	*	*	*	*	30.16	+11	61	*	+4	N	?	of	5	*	*	*	
26 th	Corunna...	*	*	*	*	*	30.15	-01	63	*	+2	N	3	fd	4	*	*	*	
27 th	Corunna...	*	*	*	*	*	30.23	+08	66	*	+3	NE	3	c	1	*	*	*	
28 th	Corunna...	*	*	*	*	*	30.04	-19	57	*	-9	NE	3	?	?	*	*	*	
30 th	Biarritz...	29.87	72	ENE	2	b	30.12	+21	64	59	+11	SSW	2	c	3	77	61	-	
	Corunna...	*	*	*	*	*	30.18	+25	60	*	-2	S	?	0	2	*	*	*	

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

[illegible]