



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

Wagner & Co., Lith. London

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY—31ST DECEMBER,

1877.

DAILY WEATHER REPORT

SEP 1st

1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 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 ...	29.67	48	N	2	o	29.63	+ .04	47	46	+ 1	NE	4	o	*	*	*	-	
Hernösand ...	29.54	51	Z	0	bc	29.41	- .24	52	50	+ 7	S	2	bc	*	*	*	-	
Stockholm ...	29.57	53	SSW	2	bc	29.55	- .11	54	51	+ 1	SSW	2	bc	*	*	*	-	
Wisby ...	29.69	57	SW	3	c	29.60	- .15	56	54	+ 1	SW	4	c	*	*	*	-	
Christiansund ...	29.24	50	E	1	bc	29.30	- .01	48	47	- 6	SSW	1	f	1	55	46	0.28	
Skudesnaes ...	29.41	51	WSW	8	f	29.43	+ .02	49	45	- 8	WSW	9	f	5	57	?	-	
Oxö (Ålensand) ...	29.52	50	SW	7	c	29.54	- .01	51	49	- 6	WSW	6	bc	4	57	48	-	
Skagen (The Seaw) ...	29.60	54	WSW	4	f	29.56	- .07	50	49	- 5	NNW	4	c	2	61	45	0.43	
Fanö ...	29.65	56	SW	4	c	29.73	+ .04	56	51	- 7	NNW	4	bc	*	64	50	0.28	
Cuxhaven ...	29.81	54	WSW	4	p	29.82	+ .01	57	55	- 3	WSW	5	f	*	63	52	0.27	
Sumburgh Head ...	29	49	NNW	7	f	29.60	+ .22	49	46	o	NNW	6	c	6	52	43	0.23	
Stornoway ...	29.76	46	NNW	4	c	29.83	+ .21	45	45	- 3	NNW	2	c	4	53	39	0.31	
Thurso ...	29.68	49	NNW	5	c	29.75	+ .25	48	44	- 2	NNW	4	bc	5	56	43	0.10	
Wick ...	29.68	45	NNW	3	f	29.77	+ .26	47	45	- 3	NNW	3	bc	1	56	37	0.07	
Nairn ...	29.73	50	NNW	3	o	29.82	+ .28	46	43	- 2	NNW	1	c	2	54	42	0.16	
Aberdeen ...	29.67	50	NNW	1	bc	29.80	+ .30	58	44	- 1	NNW	3	f	1	54	43	0.08	
Leith ...	29.72	55	NNW	2	c	29.87	+ .31	50	47	- 2	NNW	4	bc	*	63	44	0.12	
Shields ...	29.72	50	NNW	3	c	29.93	+ .31	51	46	- 3	NNW	5	f	2	56	44	0.15	
Scarborough ...	29.74	51	NNW	2	c	29.97	+ .28	55	51	o	NNW	3	f	*	55	51	0.12	
York ...	29.75	50	N	2	o	30.05	+ .35	57	46	- 3	N	4	bc	*	61	42	0.24	
Nottingham ...	29.73	54	NNW	4	c	30.07	+ .29	53	49	- 4	NNW	3	bc	*	65	39	0.05	
Ardrossan ...	29.79	55	N	4	c	29.94	+ .37	51	48	- 1	N	3	c	3	59	48	0.21	
Greencastle ...	29.87	51	N	2	bc	29.95	+ .34	48	46	- 3	N	2	f	*	58	42	0.34	
Donaghadee ...	29.87	54	NNW	5	f	30.01	+ .44	48	47	- 1	N	4	f	3	57	41	-	
Kingstown ...	29.95	54	NNW	5	bc	30.09	+ .42	50	46	- 3	N	1	f	1	57	46	0.11	
Holyhead ...	29.89	55	NNW	5	f	30.07	+ .38	52	48	- 1	N	4	f	3	58	49	0.11	
Liverpool (Bidston) ...	29.83	55	N	6	f	30.05	+ .37	51	48	- 4	N	3	c	3	57	49	0.05	
Valencia ...	30.11	56	NNW	2	bc	30.13	+ .18	54	50	- 1	SSE	2	bc	3	61	45	0.06	
Roche's Point... ..	30.10	54	NNW	4	f	30.14	+ .25	50	47	- 4	N	1	f	2	58	46	-	
Pembroke ...	29.97	58	NNW	4	f	30.13	+ .29	54	49	- 2	NNW	1	f	1	58	51	0.05	
Portishead ...	29.97	57	N	6	c	30.11	+ .23	52	49	- 2	NNW	2	f	3	61	46	0.09	
Scilly ...																		
Plymouth ...	30.02	59	NNW	3	f	30.16	+ .21	51	50	- 7	N	2	f	*	65	49	-	
Hurst Castle ...	29.98	62	NNW	4	f	30.11	+ .21	56	52	- 4	NNW	2	f	2	62	54	0.01	
Dover ...	29.92	57	WSW	4	f	30.09	+ .19	59	53	- 1	N	2	f	1	60	49	-	
London ...	29.89	61	N	3	c	30.11	+ .22	52	48	- 5	N	1	f	*	66	41	0.02	
Oxford ...	*	*	*	*	*	30.11	+ .23	51	48	- 5	WSW	1	f	*	63	43	0.01	
Cambridge ...	29.87	54	N	2	c	30.09	+ .25	52	50	- 3	NNW	1	f	*	66	44	0.05	
Yarmouth ...	29.78	57	N	5	bc	30.03	+ .21	52	49	- 5	NNW	4	f	2	65	45	-	
The Helder ...	*	*	*	*	*	29.93	+ .12	56	53	- 4	NNW	3	o	*	*	*	0.20	
Cape Gris Nez ...	29.91	61	N	7	bc	30.11	+ .17	55	52	- 2	NNW	3	f	3	63	50	0.04	
Jersey ...	30.08	59	N	6	f	30.18	+ .16	58	52	- 2	NNW	2	bc	2	65	52	-	
Brest ...	30.20	?	NNW	3	o	30.26	+ .15	57	54	- 2	NNW	1	bc	3	64	52	-	
L'Orient ...	30.16	61	NNW	3	bc	30.22	+ .12	57	54	- 2	E	1	bc	2	68	50	-	
Rochefort ...	30.10	72	NNW	4	c	30.17	+ .09	61	55	- 3	E	4	bc	3	73	59	-	
Biarritz ...	30.13	73	NNW	3	c	30.12	+ .06	66	63	+ 3	ENE	3	bc	3	79	61	-	
Corunna ...	*	*	*	*	*	30.19	+ .05	63	*	- 4	N	?	c	1	*	*	*	
Brussels ...	*	*	*	*	*	30.07	+ .12	51	*	- 5	SW	3	f	*	*	*	-	
Charleville ...	*	*	*	*	*	30.08	+ .13	50	*	- 7	SSW	1	c	*	*	*	*	
Paris ...	30.01	67	WSW	4	bc	30.16	+ .14	54	*	- 6	N	1	f	*	*	*	-	
Lyons ...	*	*	*	*	*	30.11	+ .15	69	*	- 3	N	?	c	*	*	*	*	
Toulon ...	29.95	73	N	4	c	30.00	+ .01	72	61	- 1	NNW	4	f	3	82	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudeanaes ...	29.36	55	57	S	8	p	6	Valencia	30.06	60	55	NN	3	cp	4
Thurso	29.62	54	48	NNN	5	bc	5	Scilly							
Scarborough ...	29.64	52	50	WSN	2	c	2	London	29.87	63	55	WSN	3	bc	*
Greencastle ...	29.81	54	50	NNN	2	bc	*	Rochefort ...	30.10	73	64	NN	2	o	3
Holyhead	29.81	57	52	NNN	6	cp	5								

The barometer still rises fast in the W. and N. but has fallen slightly in the E. The W. wind is still strong in Wales and has also freshened in the S. of Ireland. Smart showers occurred in London between Noon and 4 P.M.

EXPLANATION OF COLUMNS.

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

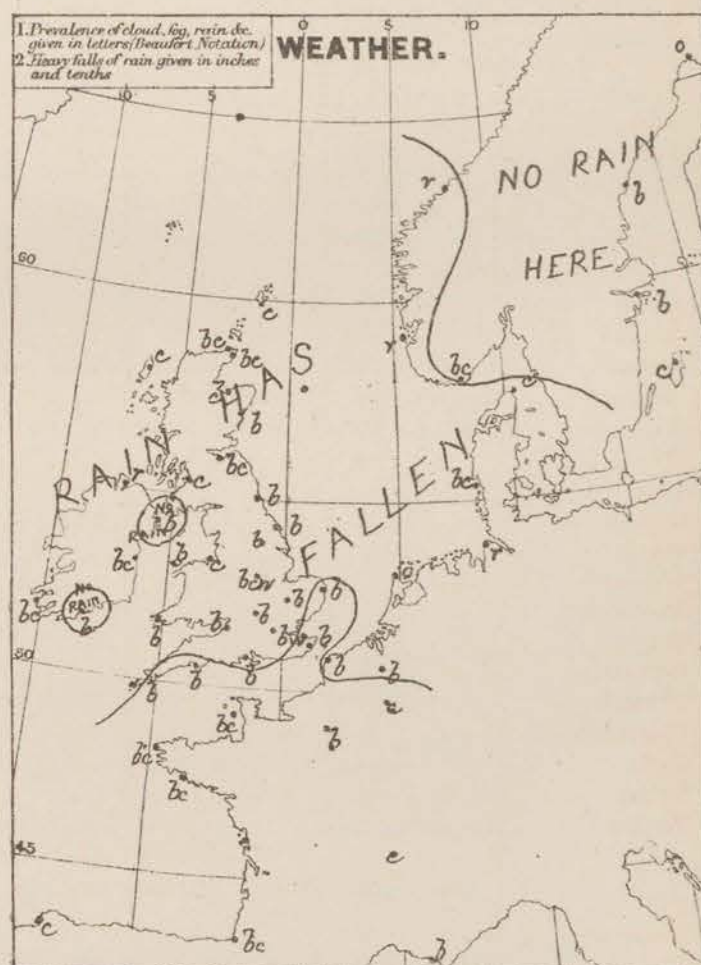
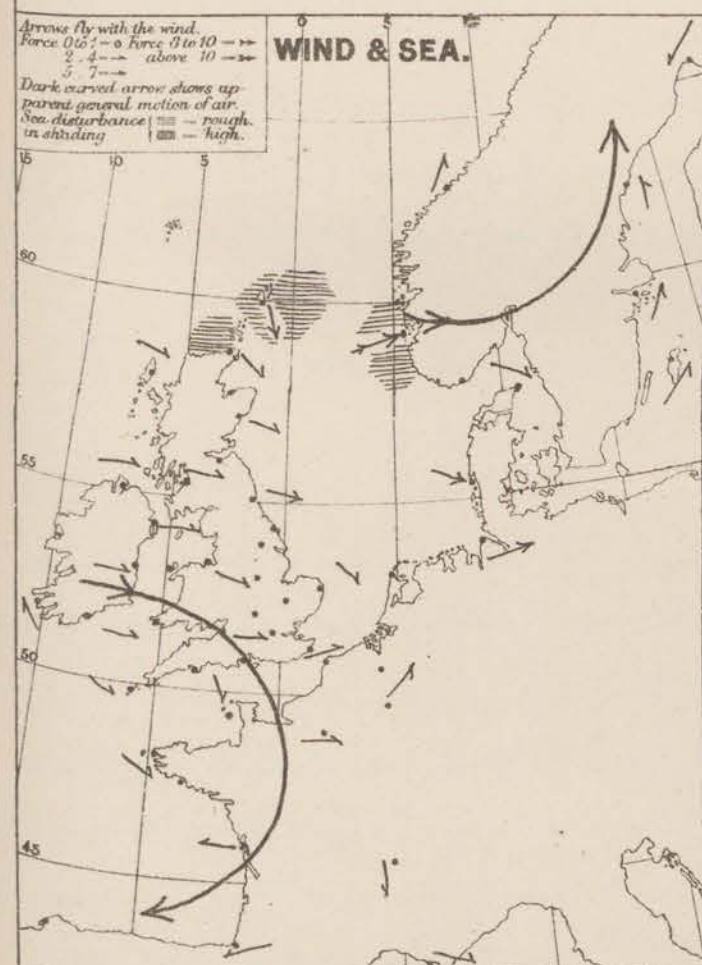
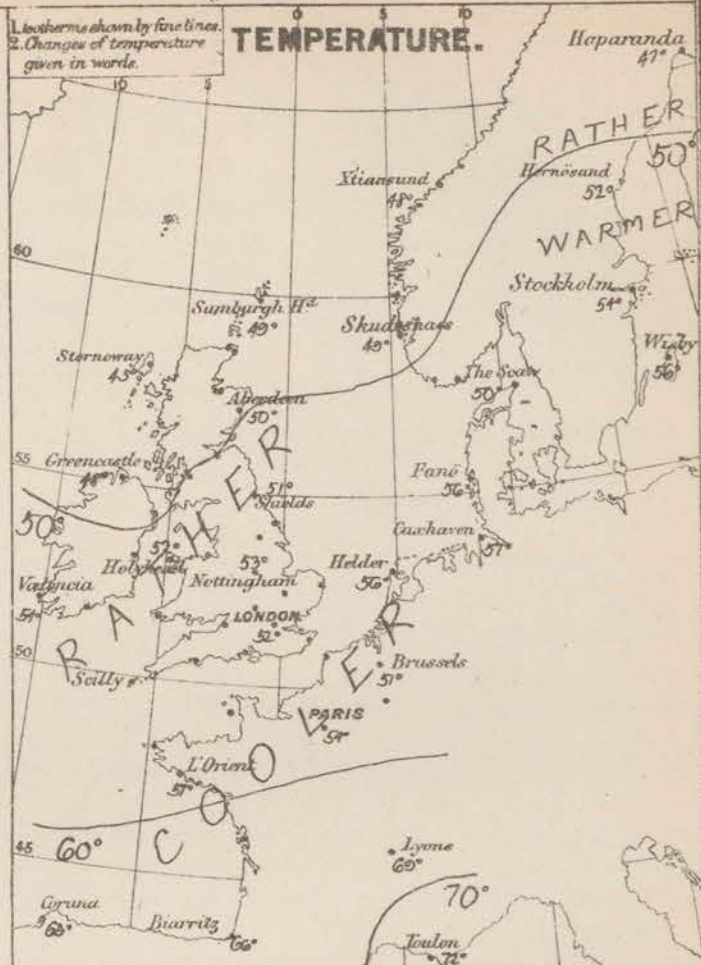
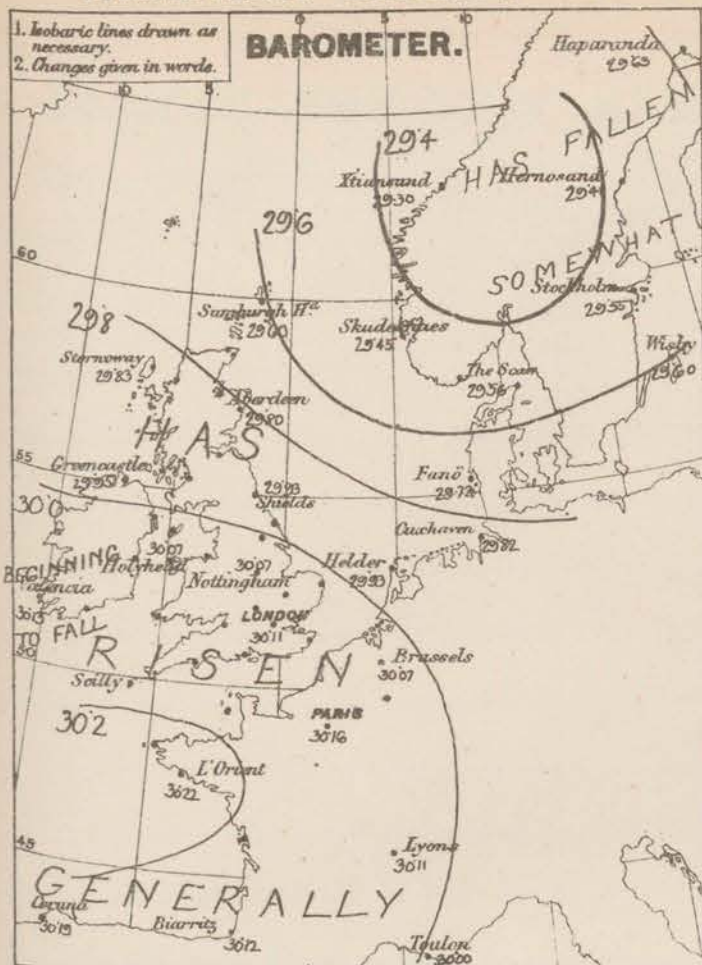
* AN ASTERISK is inserted in all places for which information is not usually received.

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

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

WEATHER CHARTS

for 8 a.m. on Saturday 1ST SEPT^R 1877.



REMARKS. Weather is fine except at our north western and at some of the Danish stations, where the sky is cloudy and some rain is falling. Showers of rain have fallen in most parts of the Kingdom, while hail has occurred at Zeith and Krigstovns, thunder or lightning at Fanö, Cambridge and Yarmouth. Temperature has again decreased generally, it continues low for the time of year everywhere; it varies from 65° in the north of Scotland to about 55° in the north of France, but at Lyons it increases to 69°, and at Toulouse to 72°. The thermometer in London last night fell to 41° in the shade and to 33° on the grass. Wind is light to fresh from W. to NW on most of our coasts, but over the Bay of Biscay a light E^{ly} breeze is reported, while at Valentia the wind has backed to SE since Yarm. Sea is slight except on our north coast.

Barometrical Indications. The depressions noticed yesterday have continued their course NE^W and the barometer has recovered in most places, but at Tallentia a fresh and brisk decrease has set in during the night.

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 August 26th to September 1st 1877.

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

The weather during this week has been exceedingly unsettled. The barometer during the whole time has continued highest over the Bay of Biscay or SW. of France, and depressions of more or less importance have passed across these islands in quick succession. The wind circulated round the depressions, its direction at any station depending on their tracks, but SW^{ly} to NW^{ly} winds have prevailed in these Islands, and on some days they blew rather strongly. Temperature also though low generally for the time of year has been unsteady. Rain has been frequent, and on some days heavy.

August 26th The centre of disturbance lay off the coast of Norfolk, and a decrease of more than six tenths of an inch had occurred at Harmouth and the North German stations, while in the N. the barometer was rising briskly. Gradients were rather steep, and the wind had been strong on most coasts; at 8 a.m. its direction was NE^{ly} in the N. N^{ly} in the W. and W^{ly} in the S; at the French stations it still blew strongly or with the force of a slight gale. Temperature had risen except in Western France; it varied from 52° in the Hebrides, to 65° at Hurst Castle, and 73° at Lyons and Toulon. The weather was dull and unsettled, with rain in North Germany. Heavy rain had fallen except in Scotland. Later in the day the depression moved eastward to Denmark, but a fresh and brisk decrease of pressure occurred in the SW.

August 27th Pressure varied from 30.2 ins. in the SW. of France to 29.4 ins. over the Baltic in which region the depression of the previous day was shown, while over the central parts of these Islands slight local disturbances were reported. The barometer was falling at all our western stations. The wind was SW^{ly} and generally fresh in force at the SW. stations, but light from east in Scotland, while in Scandinavia a separate circulation existed. Temperature had decreased slightly in the east of France, but changed very little elsewhere. The weather continued dull and unsettled, and rain had been general. During the day the barometer fell at all the more NW. stations, though it still rose slightly on our S. coast. The weather remained dull, with rain in the E.

August 28th A large and rather deep disturbance had advanced over the North of Ireland and Scotland from the Atlantic, and the mercury had fallen everywhere - more than half an inch at the Scotch stations. The wind was strong or fresh from W. to SW. on all but our most northern coasts, where a light easterly breeze had sprung up. Temperature had increased several degrees over northern England, but had fallen slightly or remained unchanged elsewhere. It varied from about 50° over Scotland, and 66° over England to 79° at Toulon, where the maximum reading during the previous day had been 58°. The sky had become clear at our NE^m stations, but in nearly all other parts it was overcast, with heavy rain falling in the NW. By 6 P.M. the centre of the depression

had reached Norway, and the barometer was rising in Scotland with a $N\frac{1}{2}$ wind.

August 29th The centre of the area of low pressure lay over the central parts of Scandinavia, and was still apparently moving $NE\frac{1}{2}$. In Sweden the barometer had fallen, but in all other places it had risen. Readings were highest over France, and light $N\frac{1}{2}$ breeze prevailed over the greater part of Western Europe, but drawing into NN in the N . of Norway and at Buchhaven. Temperature had fallen several degrees in the north of England, elsewhere it was little altered and still ranged from 50° at London to 50° over Scotland. The weather had improved generally, though the sky was still overcast in some parts of Scandinavia and France. Pressure was giving way again generally at 8 P.M. and a new disturbance was advancing on our NN coast, bringing rain to Valentia and the Scotch stations.

August 30th The depression noticed on the previous evening lay over Scotland, and the barometer had given way in all places except Scandinavia. The highest pressures still lay over France. The wind continued $N\frac{1}{2}$ over the Channel and our NN stations, but drew into S and even SE on our E . coast, and over the North Sea. It had increased in force and was fresh generally. The changes in temperature which were ^{upward} in Great Britain, and downward in Ireland, were everywhere very slight. Weather was fine in Ireland and Wales, cloudy elsewhere. Heavy rain had fallen in Ireland and Scotland. At 6 P.M. the centre of the depression lay near Shetland, and the barometer was recovering in the N . though it still fell in the N . and E .

August 31st The lowest pressures lay off the West coast of Norway, a small secondary depression being shown off our NN coast, while the highest lay over the Bay of Biscay, the readings varying from 30.1 ins. to 29.4 ins. The wind was $N\frac{1}{2}$ in the N . of Scotland, $N\frac{1}{2}$ at our NN and SW stations, and $S\frac{1}{2}$ over the North Sea. In Wales it blew strongly. Temperature had fallen and was generally low, ranging from 60° on our S . coast, to 48° in the Hebrides. Weather was fair over England and Ireland, dull elsewhere with showers in Scotland. During the day the barometer rose over these Islands as the low pressures moved eastwards.

SEPT 1st The area of low pressure had moved on over central Scandinavia and the barometer had risen in all parts of Western Europe except Sweden, but at Valentia a fresh and rapid fall had set in during the morning. The highest readings still lay over the Bay of Biscay. The wind was $E\frac{1}{2}$ over the West of France, and a $SE\frac{1}{2}$ breeze had sprung up at Valentia, but elsewhere it was $NN\frac{1}{2}$ to $N\frac{1}{2}$. It was moderate except in the S . of Norway. Temperature had again decreased slightly generally. The thermometer in London had fallen to 41° in the shade, and 33° on the grass during the night. The weather was generally fair though showers of rain had fallen in most parts of the Kingdom, and slight thunderstorms occurred at Farnmouth and Cambridge. In the evening pressure was giving way at all the western stations, and the wind had backed to SW .

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

DAILY WEATHER REPORT

SEPT. 2nd 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
	Barometer at 350 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 15).		Reading at 350 P. 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 ...	29.50	48	NE	4	c	29.47	-16	48	47	+	1	NE	4	r	*	*	*	0.12	
Hernösand ...	29.40	55	Z	o	c	29.41	-00	57	50	-	1	NE	2	r	*	*	*	-	
Stockholm ...	29.47	50	SW	4	e	29.49	-06	50	46	-	4	N	4	c	*	*	*	-	
Wiesby ...	29.61	54	SW	8	e	29.60	-00	54	49	-	2	NNW	9	o	*	*	*	0.32	
Christiansund ...	29.38	48	ESE	2	o	29.41	+	51	49	+	1	SSW	1	be	3	52	46	0.59	
Skudesnaes ...	29.57	50	NNW	8	r	29.69	+	24	50	46	+	1	NNW	6	r	4	?	50	-
Oxö (Klansand) ...	29.53	57	WN	4	c	29.57	+	13	50	49	-	1	WSW	5	be	4	52	48	-
Skagen (The Saaw) ...	29.54	52	NNW	9	r	29.63	+	07	53	48	+	3	NN	8	be	9	57	45	0.16
Fanö ...	29.86	54	NNW	6	be	29.86	+	13	59	53	+	3	N	6	be	*	59	52	0.04
Cuxhaven ...	29.95	61	N	4	o	29.97	+	15	54	57	-	3	NN	3	c	*	57	50	0.35
Sumburgh Head ...	29.73	47	NNW	6	be	29.79	+	19	46	44	-	3	NNW	4	c	4	54	42	0.15
Stornoway ...	29.88	49	NN	1	c	29.92	+	09	45	44	o	NN	1	be	1	57	37	0.02	
Thurso ...	29.83	48	NN	3	c	29.85	+	10	48	45	o	NN	2	o	4	56	42	0.29	
Wick ...	29.86	48	NN	2	be	29.88	+	11	50	45	+	3	NN	2	be	1	54	36	0.06
Nairn ...	29.88	49	Z	o	be	29.90	+	08	41	39	-	5	N	1	be	1	53	37	-
Aberdeen ...	29.85	52	NNW	1	be	29.88	+	08	48	44	+	2	NN	2	be	1	56	39	0.01
Leith ...	29.89	52	NNW	4	c	29.88	+	01	49	47	-	1	N	1	be	*	61	43	-
Shields ...	29.94	53	WSW	4	c	29.91	-02	49	46	-	2	WSW	2	om	1	58	45	0.12	
Scarborough ...	29.98	54	N	2	c	29.98	-04	50	48	-	5	WSW	2	c	2	60	45	-	
York ...	30.01	52	N	2	be	29.94	-14	48	48	-	3	SW	1	r	*	61	42	0.03	
Nottingham ...	30.05	55	N	3	be	29.97	-10	53	51	o	5	S	2	c	*	66	42	-	
Ardrossan ...	29.93	54	N	3	c	29.91	-03	52	49	+	1	ESE	1	be	0	57	43	0.10	
Greencastle ...	29.92	49	SW	2	o	29.88	-07	46	45	-	2	NNW	1	o	*	56	39	0.10	
Donaghadee ...	30.00	50	SW	2	o	29.91	-10	48	48	o	N	1	be	0	57	40	0.15		
Kingstown ...	30.01	54	WSW	1	be	29.93	-16	49	47	-	1	NNW	2	c	2	58	47	0.09	
Holyhead ...	30.00	54	SSW	3	r	29.92	-15	53	50	+	1	NN	1	c	1	59	50	0.11	
Liverpool (Midston) ...	30.02	54	WSW	2	r	29.85	-28	49	48	-	5	ENE	1	r	2	59	47	0.49	
Valencia ...	30.06	52	NNW	3	be	29.88	-36	52	50	+	2	ESE	3	o	3	56	47	0.06	
Roche's Point ...	30.06	57	SW	3	be	29.91	-22	55	53	+	1	WSW	1	c	1	59	57	0.19	
Pembroke ...	30.08	55	NNW	3	o	29.97	-14	54	51	+	2	SW	3	c	3	62	46	0.10	
Portishead ...	30.10	57	SW	2	c	29.98	-18	55	53	+	4	SW	2	c	*	63	48	0.07	
Scilly ...	30.10	62	SW	3	c	30.00	-11	56	54	o	N	1	be	1	62	48	-		
Plymouth ...	30.07	59	NNW	3	be	30.01	-08	59	53	o	SW	1	be	1	62	57	-		
Hurst Castle ...	30.07	61	N	1	c	30.01	-10	52	49	o	WSW	1	c	*	65	44	-		
Dover ...	30.07	61	N	1	c	30.00	-11	57	48	o	Z	o	be	*	63	43	-		
London ...	30.07	61	N	1	c	29.99	-10	57	49	-	1	SW	1	be	*	64	41	-	
Oxford ...	30.05	59	WSW	1	be	29.98	-10	57	49	-	3	N	2	bm	2	61	49	-	
Cambridge ...	30.04	58	NNW	1	be	29.95	+	05	52	50	-	4	SE	1	c	*	*	0.12	
Yarmouth ...	30.09	59	ENE	3	c	30.02	-10	57	52	+	2	S	1	c	1	63	57	-	
The Helder ...	30.15	57	NN	2	be	30.06	-12	58	53	o	SW	2	c	2	63	52	-		
Cape Gris Nez ...	30.22	?	N	1	be	30.09	-17	59	54	+	2	WSW	3	o	3	64	52	-	
Jersey ...	30.14	59	NN	3	be	30.10	-12	55	54	-	2	E	2	c	2	66	50	-	
Brest ...	30.08	68	NNW	5	o	30.13	-07	61	59	o	E	3	be	3	75	54	0.04		
L'Orient ...	30.02	73	NNW	4	o	30.09	-03	63	61	-	3	ENE	1	c	3	73	59	-	
Rochefort ...	30.05	63	N	3	c	30.15	-04	63	*	o	SW	3	be	1	*	*	*	*	
Biarritz ...	30.04	68	NNW	3	be	30.04	-03	53	*	+	1	NNW	3	be	*	*	*	-	
Corunna ...	30.03	68	NNW	3	be	30.03	-05	55	*	+	5	E	3	c	*	*	*	*	
Brussels ...	30.11	61	NN	4	o	30.04	-12	57	*	+	3	NN	1	be	*	*	*	-	
Charleville ...	30.10	64	N	2	o	30.10	-01	64	*	-	5	N	2	o	*	*	*	*	
Paris ...	29.93	72	NN	6	c	29.99	-01	72	64	o	NNW	4	c	3	57	70	-		
Lyons ...																			
Toulon ...																			

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...	29.57	53	49	NNW	8	o	Valencia	30.07	59	53	SW	3	op	4
Thurso	29.81	55	45	NN	4	be	Scilly							
Scarborough ...	29.98	59	54	N	3	e	London	30.11	60	52	N	2	e	*
Greencastle ...	29.95	52	50	N	2	o	Rochefort ...	30.10	68	54	N	3	e	3
Holyhead	30.07	57	53	SSW	3	be								

The barometer is still falling in the S. of Orkney and the wind is backing to the S.W. at many of our Hon stations with an increase of cloud and showers at Valencia.

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT

SEPT 3rd 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dirco.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.52	46	NE	2	b	29.64	+ .17	40	39	- 8	N	2	b	*	*	*	-		
Hernösand ...	29.50	49	Z	0	o	29.60	+ .19	45	44	- 3	NE	2	c	*	*	*	0.16		
Stockholm ...	29.53	52	SW	2	o	29.60	+ .11	50	49	0	WSW	6	bc	*	*	*	0.04		
Wisby ...	29.68	54	N	8	c	29.75	+ .15	58	49	- 4	NNN	9	b	*	*	*	-		
Christiansund ...	29.79	50	N	1	c	29.69	+ .28	50	48	+ 1	WSW	2	c	3	50	45	0.75		
Skudesnaes ...	29.76	48	NNN	3	f	29.80	+ .11	52	53	+ 2	NNN	2	n	2	?	48	0.20		
Oxö (Xtiansand) ...	29.76	50	WSW	4	b	29.76	+ .09	50	49	0	WSW	5	c	3	55	43	-		
Skagen (The Seaw) ...	29.73	51	NN	7	b	29.77	+ .44	53	48	0	NN	6	b	6	57	45	-		
Fanö ...	29.89	?	N	1	c	29.89	+ .03	57	52	- 2	Z	0	c	*	59	41	0.08		
Cuxhaven ...	29.96	51	N	2	bc	29.92	- .05	53	52	- 1	SW	1	z	*	57	43	0.02		
Sumburgh Head ...	29.51	48	NNN	3	a	29.93	+ .42	49	47	+ 3	NNN	3	bc	3	52	44	0.18		
Stornoway ...	29.98	46	NNN	1	b	30.00	+ .12	46	45	+ 1	NN	1	c	2	57	35	0.05		
Thurso ...	29.90	47	NNN	3	c	29.98	+ .13	50	46	+ 2	NNN	5	c	5	56	44	0.05		
Wick ...	29.94	46	NN	3	b	30.09	+ .21	48	47	- 2	NN	2	c	3	55	37	0.17		
Nairn ...	29.94	48	NN	1	bc	30.02	+ .12	45	45	+ 4	NN	1	bc	1	53	39	0.06		
Aberdeen ...	29.92	51	N	1	b	29.96	+ .08	49	45	+ 1	NNN	4	b	1	55	35	-		
Leith ...	29.88	52	E	3	bc	30.01	+ .13	51	46	+ 2	N	3	b	*	61	42	-		
Shields ...	29.91	52	E	2	c	29.96	+ .05	50	45	+ 1	NE	6	c	3	55	45	0.01		
Scarborough ...	29.90	52	E	2	o	29.90	- .03	49	47	- 1	ENE	7	f	6	58	48	0.96		
York ...	29.89	54	ESE	1	o	29.88	- .06	47	46	- 1	ENE	3	f	*	57	46	1.01		
Nottingham ...	29.89	53	S	2	f	29.75	- .22	50	49	- 3	N	3	f	*	65	47	0.35		
Ardrossan ...	29.91	57	N	2	b	30.04	+ .13	49	44	- 3	NN	2	bc	1	60	44	-		
Greencastle ...	29.92	52	NNE	2	bc	30.07	+ .19	50	46	+ 4	NNE	2	b	*	60	45	0.01		
Donaghadee ...	29.91	52	NNE	3	f	30.03	+ .12	51	49	+ 3	NNE	5	b	4	55	47	-		
Kingstown ...	29.90	55	NE	4	f	30.02	+ .10	49	46	0	NNN	6	b	5	55	46	0.02		
Holyhead ...	29.86	52	NE	0	a	29.95	+ .03	49	48	- 4	NE	5	bc	4	58	48	0.42		
Liverpool (Bidston) ...	29.86	52	SSE	1	o	29.90		46	45		N	12	f	2	56	45	1.24		
Valencia ...	29.96	54	NNN	4	bc	30.18	+ .33	51	48	+ 2	NN	3	bc	3	56	47	0.32		
Roche's Point... ..	29.87	49	NNNE	4	f	30.11	+ .23	50	47	- 2	N	4	b	3	54	46	0.42		
Pembroke ...	29.79	54	S	1	f	29.92	+ .11	48	46	- 7	NNN	7	f	3	60	46	0.72		
Portishead ...	29.84	55	N	2	o	29.74	- .21	48	48	- 6	NNE	4	f	4	61	46	0.80		
Scilly ...																			
Plymouth ...	29.77	55	S	4	o	29.83	- .15	52	50	- 3	NN	4	b	*	63	50	0.64		
Hurst Castle ...	29.98	62	SW	2	c	29.67	- .33	54	53	- 2	NN	3	o	3	63	49	0.82		
Dover ...	29.93	59	SW	3	b	29.65	- .28	55	53	- 4	ESE	4	c	3	65	55	0.14		
London ...	29.91	57	WSW	1	bc	29.62	- .37	53	52	+ 1	Z	0	bc	*	68	49	0.13		
Oxford ...						29.67	- .35	57	50	0	NNE	2	f	*	63	50	0.11		
Cambridge ...	29.85	58	SSW	1	o	29.71	- .28	52	51	+ 1	NE	1	o	*	65	49	0.02		
Yarmouth ...	29.92	59	SSW	2	bc	29.73	- .25	59	55	+ 10	ESE	5	bc	4	63	48	-		
The Helder... ..						29.82	- .16	57	53	- 5	E	1	bc	*	*	*	-		
Cape Gris Nez ...	29.95	61	SSW	1	bc	29.66	- .36	52	52	- 5	SSE	2	f	1	64	52	0.16		
Jersey ...	29.88	58	S	2	c	29.75	- .21	54	52	- 4	NN	7	bc	6	64	50	0.57		
Brest ...	29.87	64	SW	4	f	30.05	- .04	55	50	- 4	NNN	5	b	5	62	50	0.32		
L'Orient ...	29.95	61	SW	4	o	29.98	- .12	57	52	+ 2	NN	6	bc	7	66	?	0.20		
Rocheport ...	30.01	68	NN	1	b	29.99	- .11	63	57	+ 2	NN	7	o	7	68	54	-		
Biarritz ...	29.98	72	NNE	3	bc	30.13	+ .04	64	63	+ 1	NNN	5	o	4	70	61	0.08		
Corunna ...																			
Brussels ...						29.75	+ .29	55		+ 3	SSE	3	o	*	*	*	-		
Charleville ...						29.73	- .30	56		+ 1	SE	6	o	*	*	*	-		
Paris ...	29.93	64	S	2	o	29.73	- .31	58		+ 1	S	4	c	*	*	*	0.20		
Lyons ...						29.98	- .12	65		+ 1	SE	1	c	*	*	*	-		
Toulon ...	29.91	70	N	5	c	29.93	- .06	70	66	- 2	N	4	b	3	72	40	-		

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.75	52	46	NNN	5	bc	4	Valencia ...			
Thurso								Scilly			
Scarborough ...								London			*
Greencastle ...						*		Rocheport ...	30.04	72	64
Holyhead										NN	1
										bc	3

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

Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes ...	29.75	52	46	NNW	5	bc	4	Valencia			
Thurso								Scilly			
Scarborough ...								London			*
Greencastle ...						*		Rocheport ...	30.04	72	64
Holyhead											3

EXPLANATION OF COLUMNS.

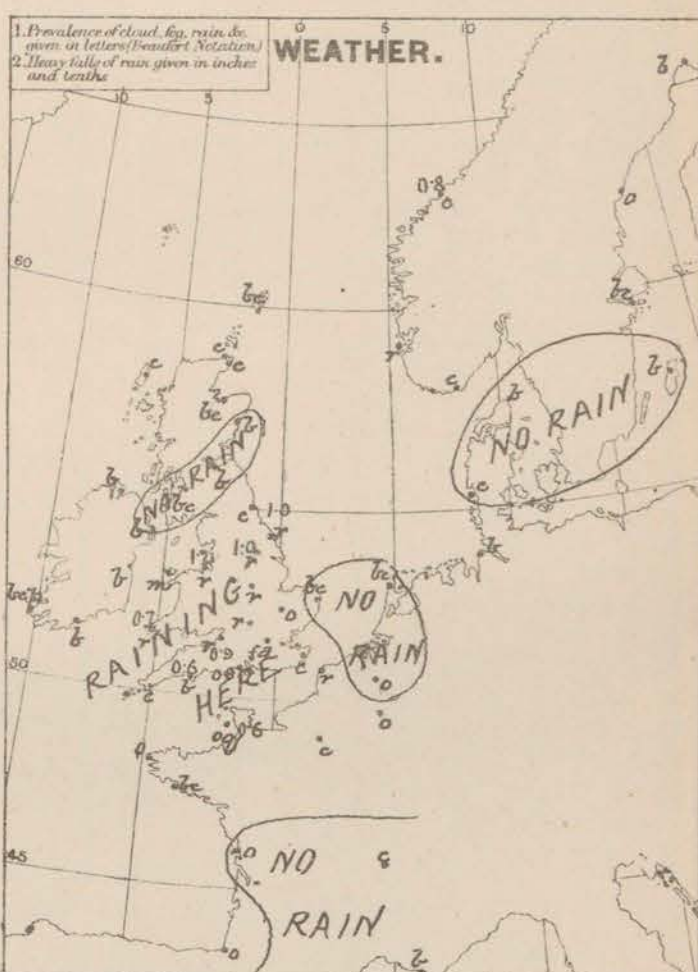
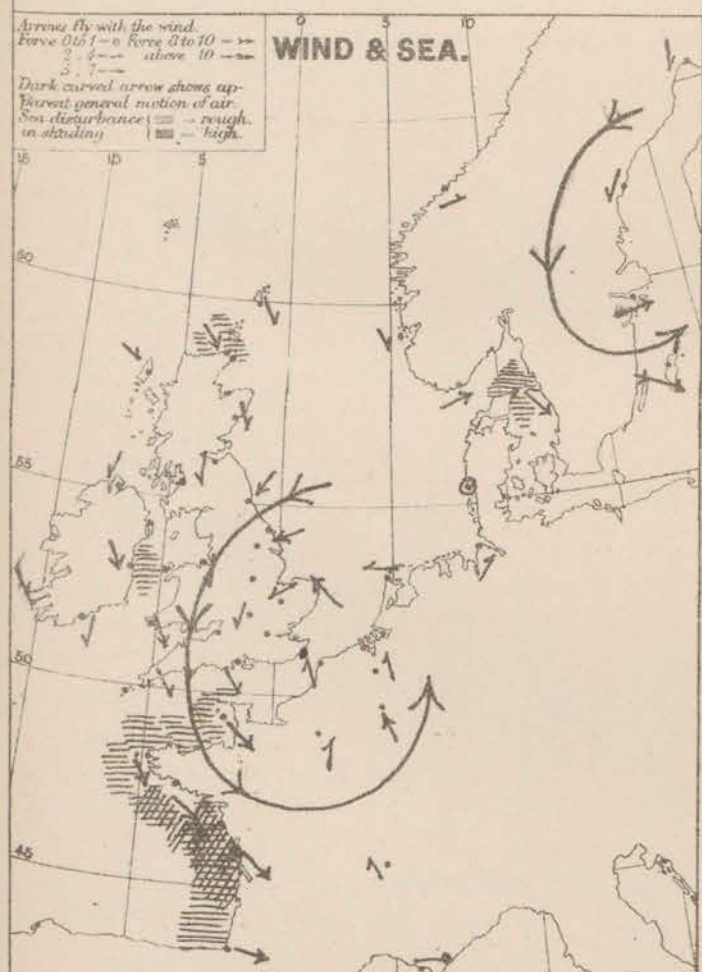
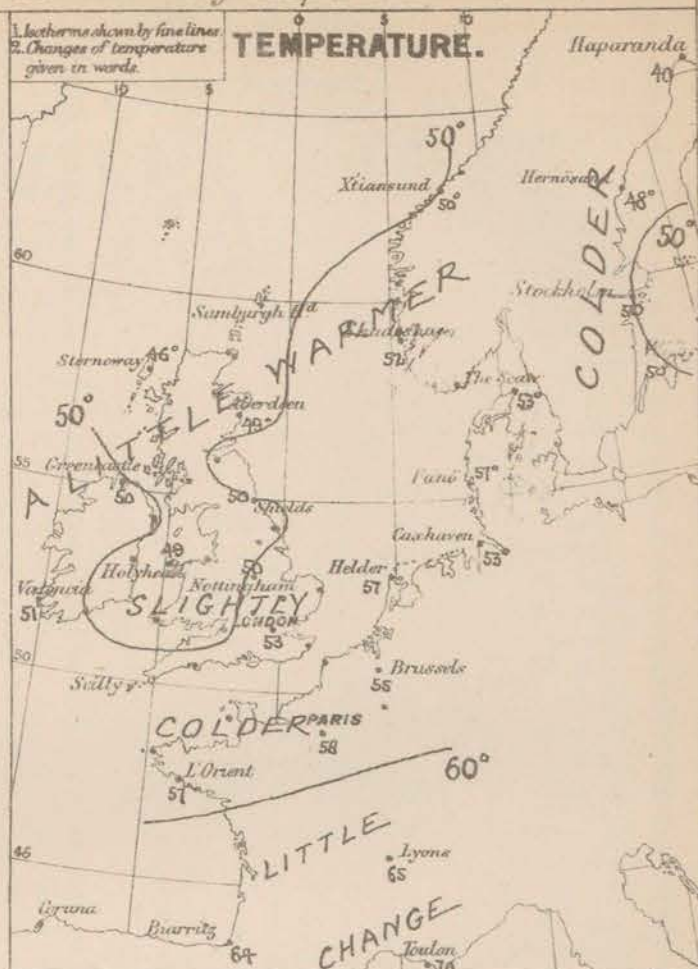
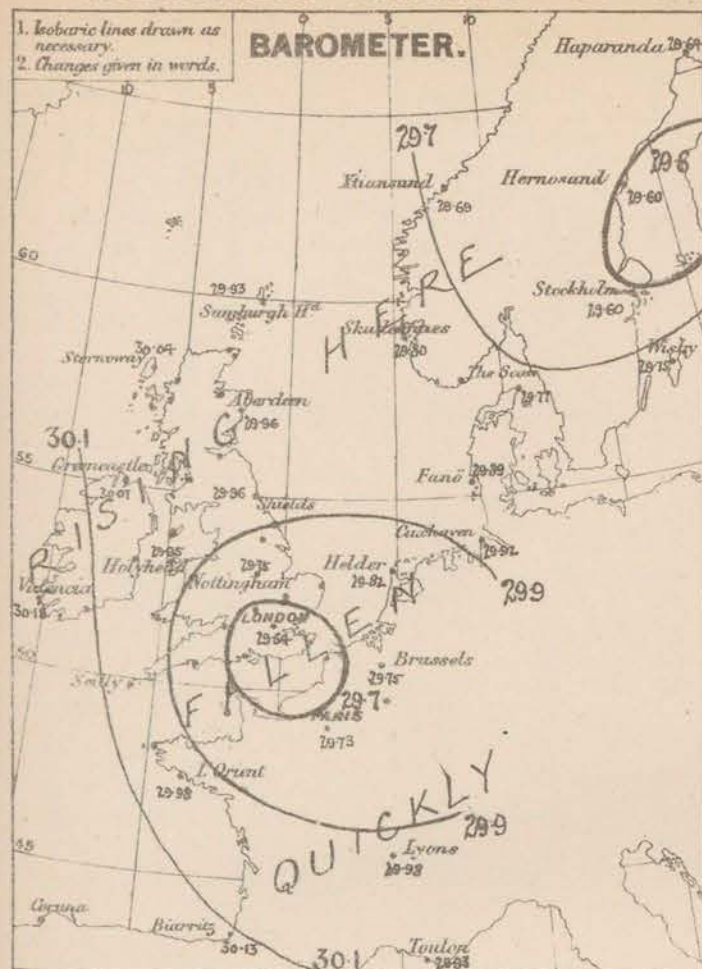
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

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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 Mon. day Sept.^r 3rd 1877.*



REMARKS. Weather is extremely wet and squally over England and the N. of France, but fine in Ireland and Scotland. Heavy rain has fallen over England during the night; 1.2 in. at S. ports, 1 in. at York and Scarborough, 0.9 in. at Palshead 0.8 in. at Hurst Castle 0.7 in. at Ramothke, and 0.6 in. at Plymouth and Frest. In many other places the fall varies from 0.2 to 0.4 in. Temperature remains very low generally; 45° to 50° in Scotland, 50° in Ireland, and 50.655 over England. The highest reading recorded over England yesterday was 68° in London, at many of the N. stations the highest point reached was 55°. Winds in our Islands and France circulate round a depression which lies over the S. of England, being strong from NE in the NE of England, N in E. English Channel, NW in the Bay of Biscay, and NW of France, and moderates from SE on our SE coasts. On the E. shores of the North Sea it is NW and light. Low is rough in the E and west, high in the Bay of Biscay.

Barometrical indications. A rather deep depression lies over Hampshire, Sussex, Kent, and the E. part of the Channel, it is travelling slowly to the E. The barometer is rising fast in the SW. and slowly in the NW. as the disturbance passes on.

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

R. H. SCOTT.

Secret 37.5

DAILY WEATHER REPORT

SEP 4th

1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.		
Haparanda ...														*	*	*		
Hernösand ...														*	*	*		
Stockholm ...														*	*	*		
Wisby ...														*	*	*		
Christiansund ...	29.85	49	NNW	2	bc	29.93	+ .08	47	45	-	3	SSW	2	bc	3	52	45	-
Skudesnaes ...	29.92	52	NN	4	bc	29.99	+ .07	53	48	+ 5	1	N	4	c	2	54	52	-
Oxö (Xiansand) ...	29.81	56	NW	2	bc	29.89	+ .08	51	49	+ 2	1	NNW	4	bc	2	57	46	-
Skagen (The Seaw) ...	29.83	51	NNW	2	bc	29.88	+ .05	54	52	+ 2	1	Z	0	bc	0	57	43	-
Fanö ...	29.92	46	NNW	2	bc	29.95	+ .03	55	52	-	2	NNW	2	bc	*	59	43	-
Cuxhaven ...	29.88	4	NE	5	c	29.95	+ .07	56	53	+ 3	3	NE	4	bc	*	61	50	-
Sumburgh Head ...	30.04	48	N	3	c	30.12	+ .08	47	45	-	2	NNW	2	c	1	55	45	0.07
Stornoway ...	30.14	50	NN	1	bc	30.18	+ .04	48	47	+ 1	2	SW	1	c	1	53	37	0.03
Thurso ...	30.09	50	NN	3	c	30.16	+ .07	49	46	-	1	W	3	bc	2	58	42	0.13
Wick ...	30.14	48	NN	2	bc	30.19	+ .05	45	44	-	3	NN	2	bc	0	55	38	0.14
Nairn ...	30.12	50	NNW	1	bc	30.21	+ .09	46	42	+ 4	1	Z	0	c	1	56	? 39	0.02
Aberdeen ...	30.07	51	N	2	bc	30.19	+ .12	48	44	-	1	NN	2	bc	1	56	40	-
Leith ...	30.00	54	NE	2	c	30.23	+ .23	47	44	-	4	?	3	bc	*	64	43	0.07
Shields ...	30.08	51	NNE	4	c	30.25	+ .17	51	47	+ 4	1	NN	2	bc	2	53	44	0.01
Scarborough ...	30.02	52	N	3	c	30.23	+ .21	53	53	+ 0	4	NNW	3	bc	*	53	48	0.31
York ...	30.04	51	NNW	3	c	30.26	+ .22	50	48	+ 2	3	NN	1	bc	*	53	42	0.14
Nottingham ...	30.04	48	N	2	c	30.27	+ .23	51	48	+ 3	1	NN	3	bc	*	57	40	0.52
Ardrossan ...	30.12	57	NN	3	c	30.26	+ .14	47	45	-	2	SE	1	ann	0	50	38	-
Greencastle ...	30.19	53	N	2	bc	30.24	+ .05	50	48	-	0	SW	2	c	*	58	38	0.01
Donaghadee ...	30.16	53	NNE	4	bc	30.29	+ .13	48	?	-	3	W	3	bc	2	56	41	-
Kingstown ...	30.19	55	N	4	bc	30.24	+ .05	47	45	-	2	NNW	3	bc	3	55	44	-
Holyhead ...	30.04	53	N	5	bc	30.30	+ .26	52	48	+ 4	3	? N	4	bc	3	55	49	-
Liverpool (Bidston) ...	30.10	52	NNW	2	c	30.29	+ .19	49	48	+ 1	3	NNW	2	c	1	54	46	0.34
Valencia ...	30.28	57	NN	3	bc	30.37	+ .09	54	52	+ 2	3	Z	0	bc	2	60	47	0.01
Roche's Point ...	30.14	56	N	3	bc	30.31	+ .17	50	47	-	0	N	2	bc	2	58	46	-
Pembroke ...	30.16	53	N	5	bc	30.33	+ .17	53	49	+ 4	5	NE	1	bc	0	56	46	0.04
Portishead ...	30.06	46	NNW	4	c	30.29	+ .23	50	47	+ 3	2	NNW	1	bc	3	57	44	0.00
Scilly ...																		
Plymouth ...	30.11	53	NNW	4	bc	30.33	+ .22	57	49	-	1	N	2	bc	*	58	43	0.04
Hurst Castle ...	29.93	49	NNW	6	c	30.27	+ .34	57	49	-	3	NNW	2	bc	2	54	43	0.27
Dover ...	29.74	58	ENE	4	bc	30.19	+ .45	53	50	-	2	NNW	4	bc	2	61	50	0.43
London ...	29.82	54	NNW	4	agt	30.24	+ .42	51	48	-	2	NNE	2	c	*	57	48	0.32
Oxford ...	*	*	*	*	*	30.28	+ .46	50	46	-	1	NNW	1	bc	*	57	43	1.60
Cambridge ...	29.92	52	N	2	c	30.25	+ .33	50	49	-	2	NN	2	c	*	56	46	1.23
Yarmouth ...	29.80	58	NE	7	c	30.15	+ .35	55	52	-	4	NNW	2	c	4	60	49	0.67
The Helder ...	*	*	*	*	*	30.07	+ .22	57	52	-	0	NNE	1	bc	*	*	*	-
Cape Gris Nez ...	29.73	57	NNE	2	c	30.16	+ .43	54	52	+ 2	2	N	4	c	4	64	52	0.32
Jersey ...	30.06	55	NN	4	c	30.31	+ .25	56	50	+ 6	2	NNW	4	bc	4	58	57	-
Brest ...	30.26	?	NNW	4	bc	30.40	+ .14	54	48	-	1	NE	?	c	3	59	46	-
L'Orient ...	30.20	57	NNW	5	c	30.38	+ .18	52	48	-	5	N	2	bc	2	60	48	-
Rochefort ...	30.15	64	NN	8	bc	30.30	+ .15	55	52	-	8	N	4	bc	5	66	55	-
Biarritz ...	30.22	72	NNW	4	c	30.31	+ .09	59	55	-	5	ENE	2	c	5	72	54	-
Corunna ...	*	*	*	*	*													*
Brussels ...	*	*	*	*	*	30.04	+ .29	55	*	0	?	?	0	*	*	*	0.09	
Charleville ...	*	*	*	*	*	29.96	+ .23	54	*	-	2	NNW	3	0	*	*	*	
Paris ...	29.87	56	SW	5	c	30.13	+ .26	53	52	-	5	NNW	4	0	*	*	0.08	
Lyons ...	*	*	*	*	*	30.19	+ .21	63	*	-	2	NN	2	bc	*	*	*	
Toulon ...	29.95	70	NN	6	bc	30.01	+ .06	55	48	-	15	NN	7	bc	7	79	?	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.85	53	49	NW	6	bc	4	Valencia	30.25	57	52	NNW	3	bc	3
Thurso	30.05	55	49	NW	4	bc	4	Scilly							
Scarborough ...	29.98	52	48	N	5	c	5	London	29.72	57	55	NNW	2	bc	*
Greencastle ...	30.14	55	49	N	2	bc	*	Rochefort ...	30.11	64	55	NW	8	c	7
Holyhead	30.08	54	49	N	5	bc	4								

The depression is passing away to the eastwards. The northerly wind is subsiding gradually in our Islands but has increased to a strong gale from NN at Jersey, with a high sea.

EXPLANATION OF COLUMNS.

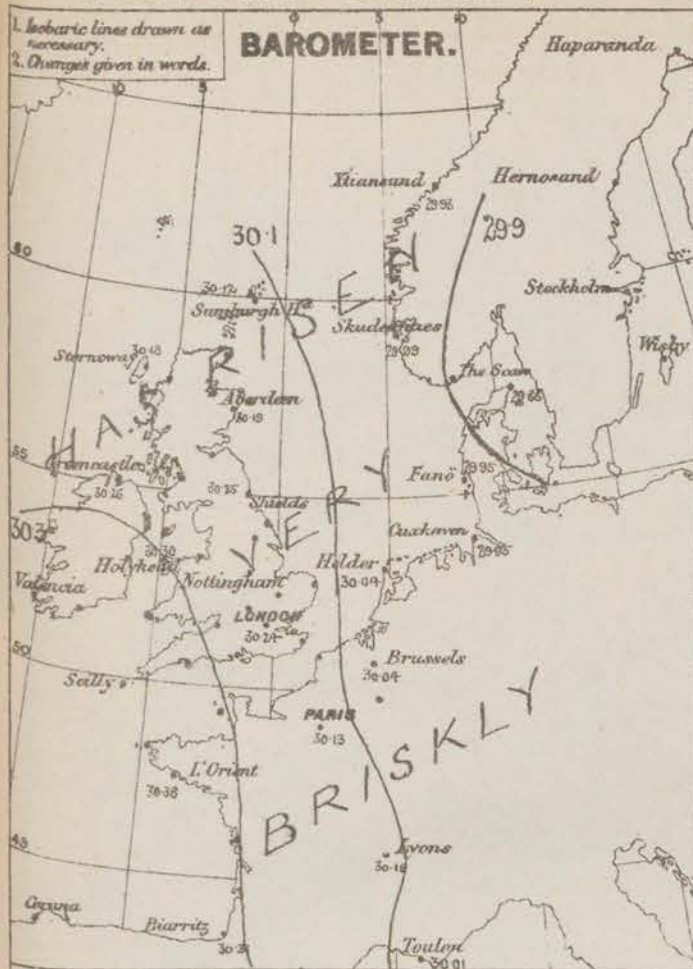
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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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 Tuesday SEPT. 4th 1877.



DAILY WEATHER REPORT

SEPT 5th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...														*	*	*		
Hernösand ...														*	*	*		
Stockholm ...														*	*	*		
Wisby ...														*	*	*		
Christiansund ...	?	47	?	4	c	29.88	- .05	47	44	0	2	0	c	3	50	45	2.19	
Skudesnaes ...	30.06	50	NW	4	c	29.96	- .03	49	48	- 4	ESSE	4	r	4	52	?	0.39	
Oxö (Årland) ...	29.95	54	NW	4	r	29.97	+ .08	48	44	- 3	W	4	c	2	59	45	-	
Skagen (The Seaw.) ...	29.98	50	2	0	bc	29.95	+ .07	52	48	- 2	NNW	3	bc	1	48	45	-	
Fanö ...	30.10	52	NW	6	bc	30.10	+ .15	56	57	+ 1	W	4	c	*	59	50	0.04	
Cuxhaven ...	30.12	?	?	4	c	30.18	+ .23	56	56	0	WSW	3	r	*	61	50	0.10	
Sumburgh Head ...	30.06	50	NW	3	c	29.88	- .24	49	48	+ 2	N	3	c	2	56	45	0.32	
Stornoway ...	30.17	52	WSW	2	c	30.03	- .15	57	53	+ 3	NNW	2	r	2	56	46	0.23	
Thurso ...	30.13	53	W	0	bc	29.97	- .19	57	52	+ 2	W	2	p	0	59	47	0.16	
Wick ...	30.14	57	NNW	2	r	29.98	- .21	57	49	+ 6	NNW	2	r	0	57	42	0.07	
Nairn ...	30.19	52	2	0	bc	30.02	- .19	52	49	+ 6	W	1	c	1	58	45	0.01	
Aberdeen ...	30.18	54	SE	1	c	30.03	- .16	52	48	+ 4	SW	2	c	0	58	47	-	
Leith ...	30.21	56	W	3	bc	30.10	- .13	52	51	+ 7	W	4	c	*	62	45	-	
Shields ...	30.26	52	SE	2	c	30.19	- .06	53	49	+ 2	W	4	c	2	56	46	-	
Scarborough ...	30.27	50	SE	1	bc	30.22	- .04	57	49	+ 2	WSW	2	bc	2	58	45	0.03	
York ...	30.28	55	W	2	bc	30.26	- .02	52	50	+ 2	W	3	bc	4	61	43	-	
Nottingham ...	30.32	48	NW	2	bc	30.31	+ .04	57	48	0	SW	1	bc	*	57	36	-	
Ardrossan ...	30.28	59	NNW	3	c	30.18	- .08	56	52	+ 9	WSW	3	0	3	62	47	-	
Greencastle ...	30.30	55	NNW	2	bc	30.22	- .04	55	53	+ 5	W	2	0	*	61	46	0.01	
Donaghadee ...	30.32	52	SSE	0	c	30.26	- .03	57	57	+ 3	WSW	3	c	2	58	45	0.01	
Kingstown ...	30.35	56	S	1	c	30.24	- .02	53	50	+ 6	NNW	4	bc	3	57	45	-	
Holyhead ...	30.34	53	WSW	1	bc	30.21	+ .11	54	50	+ 2	NNW	4	bc	3	57	57	-	
Liverpool (Bidston) ...	30.33	53	NNW	2	bc	30.27	- .02	53	51	+ 4	WSW	2	bc	2	57	48	-	
Valencia ...	30.40	57	NNW	1	bc	30.26	- .11	52	50	0	S	1	0	2	63	44	-	
Roche's Point ...	30.41	57	WSW	2	c	30.37	+ .06	50	47	0	N	1	bc	2	57	45	-	
Pembroke ...	30.36	57	NW	1	bc	30.33	- .03	53	52	0	2	0	bc	0	57	52	0.02	
Portishead ...	30.32	55	NNE	2	bc	30.34	+ .05	48	47	- 2	NNW	2	bc	0	61	40	-	
Scilly ...																		
Plymouth ...	30.36	55	N	2	bc	30.37	+ .04	47	46	- 4	NW	1	bc	*	61	39	-	
Hurst Castle ...	30.29	59	NNW	1	bc	30.33	+ .06	52	50	+ 1	N	1	bc	1	61	41	-	
Dover ...	30.28	55	NNE	3	bc	30.34	+ .15	55	50	+ 2	NNW	2	c	1	57	49	-	
London ...	30.32	57	NNW	2	c	30.35	+ .11	49	47	- 2	SW	1	bc	*	64	40	-	
Oxford ...	*	*	*	*	*	30.33	+ .05	46	46	- 4	2	0	bc	*	59	38	-	
Cambridge ...	30.31	55	NNW	1	c	30.31	+ .06	48	47	- 2	SW	1	bc	*	63	37	-	
Yarmouth ...	30.28	53	NNW	1	c	30.28	+ .13	48	47	- 7	NNW	2	bc	3	55	43	0.45	
The Helder ...	*	*	*	*	*	30.21	+ .17	56	57	- 1	NNW	1	r	*	*	*	-	
Cape Gris Nez ...	30.31	55	NNW	4	c	30.36	+ .20	55	52	+ 1	NNW	1	bc	1	61	54	-	
Jersey ...	30.38	55	NNW	1	bc	30.37	+ .06	62	52	+ 4	2	0	bc	0	60	50	-	
Brest ...	30.46	?	N	2	bc	30.41	+ .01	61	52	+ 7	ENE	1	bc	2	61	46	-	
L'Orient ...	30.48	59	NNE	3	bc	30.38	00	52	48	0	E	3	bc	2	64	46	-	
Rochefort ...	30.31	46	NNE	3	bc	30.30	00	54	52	- 1	E	4	bc	3	66	50	-	
Biarritz ...	30.26	68	NNE	4	bc	30.22	- .09	52	50	- 7	ENE	4	bc	3	68	46	-	
Corunna ...	*	*	*	*	*									*	*	*	*	
Brussels ...	*	*	*	*	*	30.32	+ .28	50	*	- 5	NNW	1	bc	*	*	*	0.07	
Charleville ...	*	*	*	*	*	30.27	+ .31	50	*	- 4	W	1	bc	*	*	*	*	
Paris ...	30.30	58	N	2	0	30.36	+ .22	50	44	- 3	NW	2	bc	*	*	*	-	
Lyons ...	*	*	*	*	*	30.26	+ .07	61	*	- 2	N	7	c	*	*	*	*	
Toulon ...	29.99	61	NW	6	bc	30.04	+ .03	64	54	+ 9	NW	2	bc	5	68	55	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.02	52	46	NW	4	bc	3	Valencia	30.40	62	55	W	2	bc	2
Thurso	30.16	54	50	WSW	2	p	2	Scilly							
Scarborough ...	30.28	52	50	NNE	2	0	2	London	30.32	59	52	NNW	3	c	*
Greencastle ...	30.26	57	52	NW	2	c	*	Rochefort ...	30.33	66	55	N	3	0	3
Holyhead	30.36	55	50	NNW	3	bc	2								

No important change.

EXPLANATION OF COLUMNS.

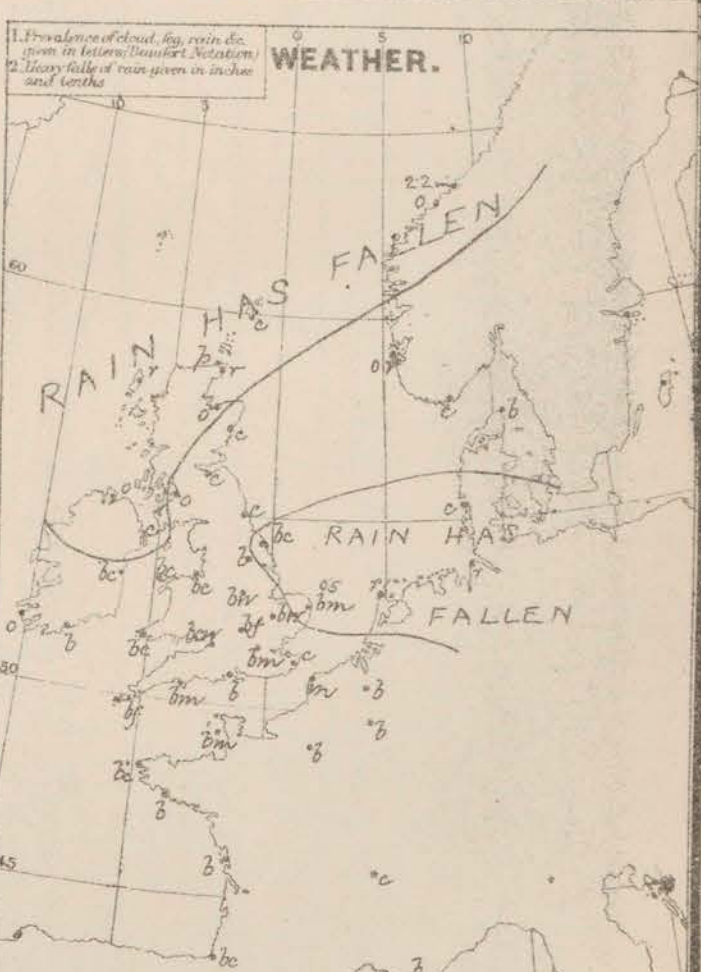
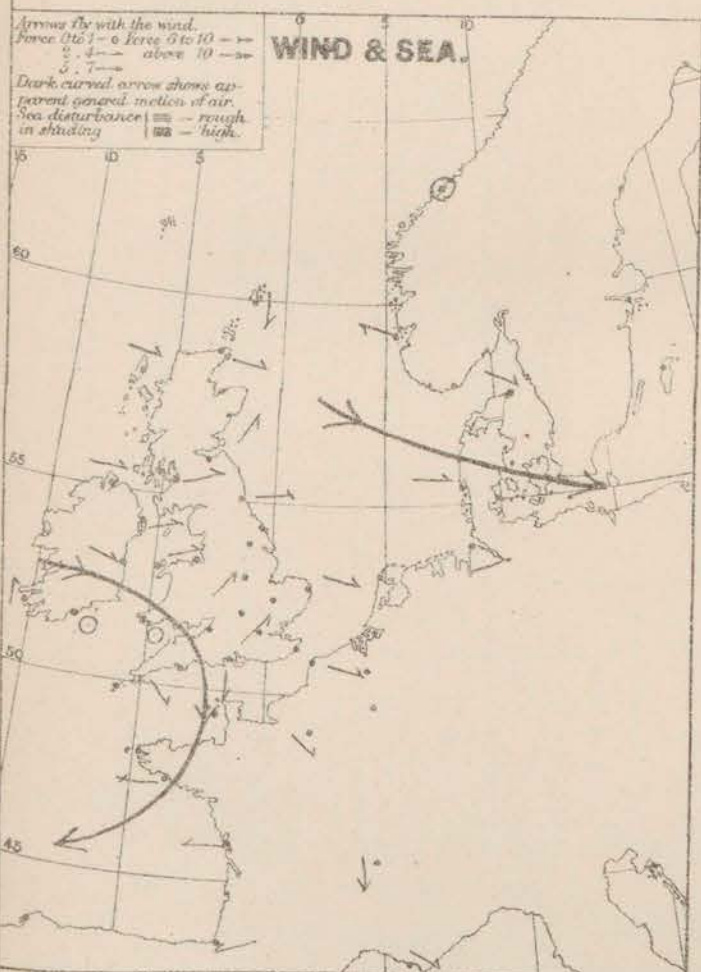
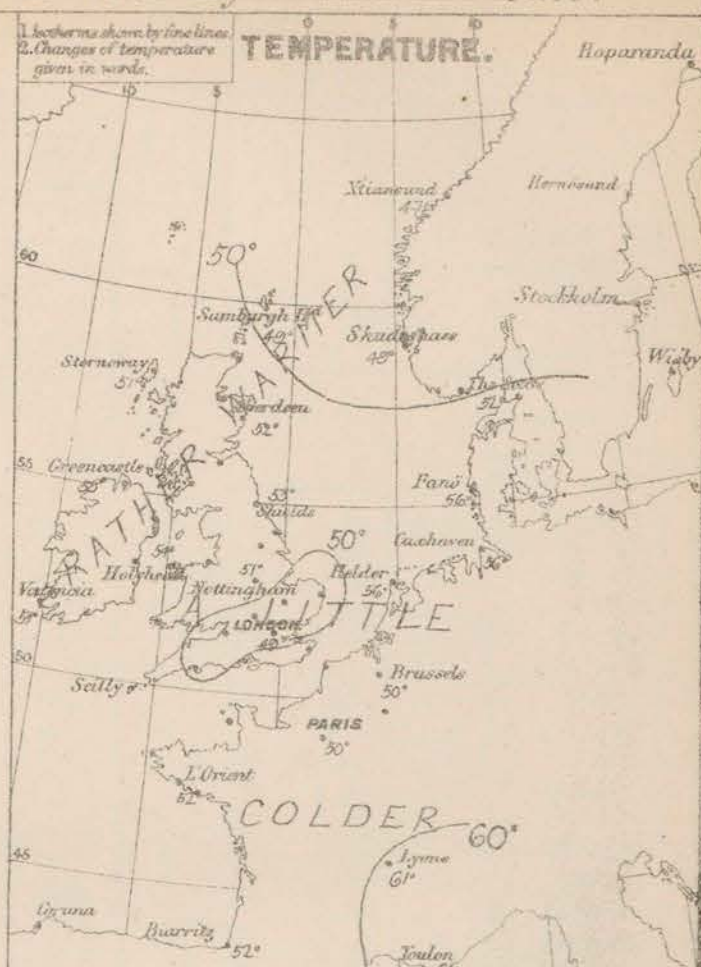
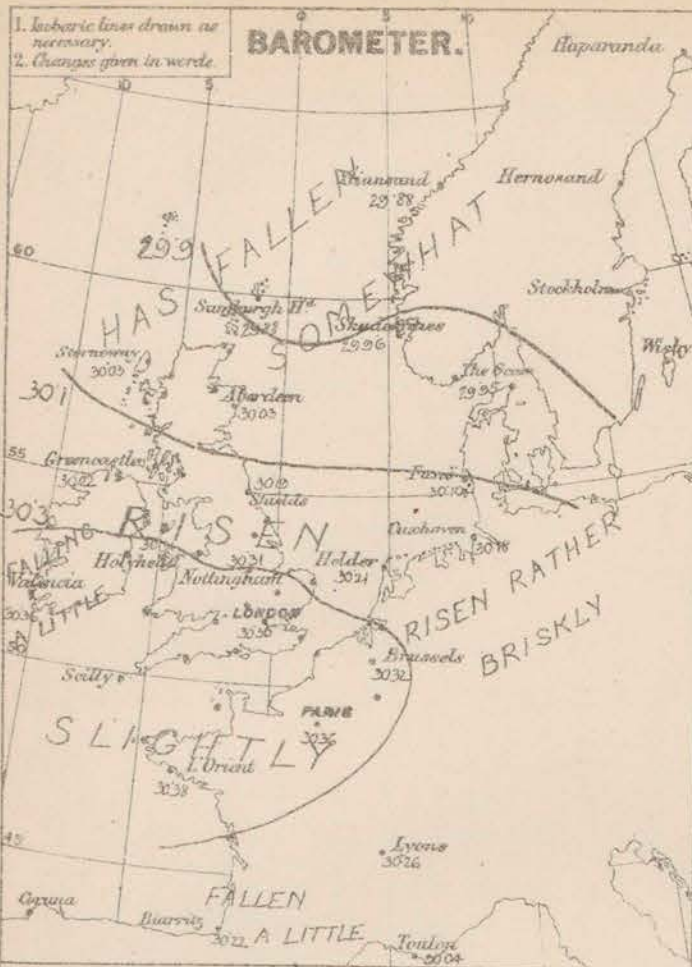
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Wednesday 5th SEPT^r 1877.



REMARKS. Weather is fine, though rather misty, over the greater part of England and France, but elsewhere it is rather cloudy, with rain in the north of Scotland and North Germany. With the exception of these localities, and Christiansburg, where a fall of more than 2 inches has occurred, the weather has been dry during the past 24 hours. Temperature has risen briskly over Scotland, but has fallen in the south east of England and at most of the French stations, while elsewhere it has scarcely changed. It is lowest over Central England (Laport 45°) but is generally moderately uniform over this country and its immediate vicinity. During last night the thermometers in the shade fell to 36° at Nottingham, to 37° at Cambridge and to 40° in London, while on the grass in London it descended to 32°. Wind is light from W in the north, and from E over France, but over England calms prevail. Sea is slight or smooth.

Barometrical Indications. Pressure is giving way at all except the south eastern stations, the change being greatest in the north. The area of highest readings still lies off the mouth of the Channel, while that of lowest pressure is shown between the Shetland and the west coast of Norway.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEP^r 6^r 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer at 32° F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.			
			Dirco.	Force. (0 to 12).			Dry.	Wet.	Dirco.	Force. (0 to 12).	Max.			Min.					
Haparanda ...	29.84	45	Z	0	6	29.83	- .01	49	48	+	6	S	2	c	*	*	*	-	
Hernösand ...	29.84	57	N.N.W.	2	c	29.72	- .12	50	49	+	3	S.W.	2	c	*	*	*	0.16	
Stockholm ...	29.87	49	Z	0	6	29.82	- .05	57	49	+	1	S.S.W.	2	c	*	*	*	-	
Wisby ...	29.92	51	S.W.	4	6	29.87	- .05	54	57	+	3	N.S.W.	6	0	*	*	*	-	
Christiansund ...	29.79	46	E.N.E.	3	7	29.74	- .05	46	?	-	2	E	2	0	?	?	?	-	
Skudesnaes ...	?	51	?	4	6	29.71	- .25	57	48	+	2	N.N.W.	1	0	2	54	?	0.12	
Oxö (Xiansand) ...	29.87	57	N.S.W.	4	0	29.73	- .14	50	48	+	2	N.S.W.	4	c	2	54	46	-	
Skagen (The Seaw) ...	29.89	50	N	2	6	29.71	- .18	52	57	0	?	N	2	c	*	55	46	0.16	
Fanö ...	29.99	55	N.S.W.	4	7	29.84	- .15	58	55	+	2	N.S.W.	6	c	*	59	54	0.28	
Cuxhaven ...	30.14	?	N	4	0	30.02	- .16	53	57	-	3	S.W.	4	c	*	59	50	0.11	
Sumburgh Head ...	29.87	47	N.W.	5	6	29.88	+.00	48	45	-	1	N	4	6	4	55	43	-	
Stornoway ...	29.96	49	N.N.E.	1	7	29.92	- .04	46	45	-	5	N	2	6	2	53	40	0.11	
Thurso ...	29.94	49	N.N.W.	1	7	29.91	- .03	50	47	-	1	N	4	c	4	50	46	0.16	
Wick ...	29.93	50	N.N.W.	2	7	29.91	- .02	48	47	-	3	N.N.E.	2	0	0	55	39	0.04	
Nairn ...	29.95	52	N.W.	1	7	29.90	- .05	46	44	-	6	Z	0	6	1	58	43	0.59	
Aberdeen ...	29.92	52	N	2	7	29.88	- .04	48	45	-	4	N.N.W.	3	6	1	59	43	0.54	
Leith ...	29.95	55	N	5	0	29.89	- .06	47	47	-	7	E	3	7	*	61	46	0.27	
Shields ...	30.05	52	N.S.W.	5	0	29.89	- .16	52	57	-	1	N.W.	4	7	1	60	?	-	
Scarborough ...	30.10	56	N.S.W.	2	0	29.92	- .18	53	57	+	2	N.S.W.	2	0	0	62	49	-	
York ...	30.15	57	N	4	7	29.96	- .19	54	52	+	2	S.W.	1	0	*	64	46	-	
Nottingham ...	30.19	55	N.W.	2	0	30.01	- .18	50	49	-	1	S.W.	1	0	*	64	41	-	
Ardrossan ...	30.04	56	N.S.W.	12	0	29.85	- .19	50	48	-	6	N.E.	3	7	0	59	50	0.17	
Greencastle ...	30.07	55	N	2	0	29.87	- .20	51	50	-	4	S.W.	2	0	*	60	49	0.37	
Donaghadee ...	30.11	56	N.S.W.	3	0	29.90	- .21	54	54	+	3	S.W.	4	0	3	62	50	0.01	
Kingstown ...	30.15	61	N	3	6	29.99	- .16	55	50	+	2	Z	0	6	1	61	57	-	
Holyhead ...	30.18	55	S.W.	3	6	29.98	- .23	55	52	+	1	S.W.	3	c	2	61	57	-	
Liverpool (Bidston) ...	30.17	55	N	3	6	29.97	- .20	55	52	+	2	N.S.W.	2	c	2	58	50	-	
Valencia ...	30.24	54	N.S.W.	1	0	29.99	- .25	57	54	+	3	N.S.W.	1	c	3	60	57	0.01	
Roche's Point ...	30.25	56	N	3	c	30.01	- .24	55	53	+	5	N	1	c	2	60	50	-	
Pembroke ...	30.13	59	N	1	6	30.01	- .12	54	52	+	3	N	1	6	1	61	53	-	
Portishead ...	30.22	57	N.N.W.	2	6	30.04	- .18	50	49	+	2	N	1	c	2	62	44	-	
Seilly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	-
Plymouth ...	30.25	57	Z	0	c	30.05	- .22	45	47	+	1	S.E.	1	6	*	61	41	-	
Hurst Castle ...	30.22	60	N.S.W.	2	6	30.09	- .24	52	50	+	2	N.E.	1	6	1	60	45	-	
Dover ...	30.24	57	N.S.W.	3	6	30.07	- .17	59	54	+	4	N.S.W.	1	6	1	61	55	-	
London ...	30.22	61	N.N.W.	2	6	30.06	- .16	52	49	+	3	N.S.W.	1	6	*	66	40	-	
Oxford ...	...	...	...	...	...	30.05	- .18	47	46	+	1	Z	0	6	*	64	40	-
Cambridge ...	30.30	58	N.S.W.	1	6	30.03	- .27	53	50	+	5	S.W.	1	c	*	66	44	-	
Yarmouth ...	30.18	58	N	1	6	30.02	- .16	53	50	+	5	N.S.W.	3	6	2	61	47	-	
The Helder ...	...	...	...	...	...	30.02	- .19	59	53	+	3	N.S.W.	2	c	*	...	...	-
Cape Gris Nez ...	30.25	57	S.W.	2	6	30.09	- .27	55	50	0	5	S	2	c	1	63	48	-	
Jersey ...	30.26	56	Z	0	6	30.05	- .22	60	55	0	5	E.S.E.	3	6	3	64	57	-	
Brest ...	30.30	72	N.E.	3	6	30.04	- .26	55	50	-	6	E	3	0	2	?	46	-	
L'Orient ...	30.20	59	N.W.	1	6	30.00	- .20	54	45	+	2	E	4	6	3	65	45	-	
Rochefort ...	30.13	66	E	4	6	29.93	- .20	54	50	0	5	E	4	6	3	?	48	-	
Biarritz ...	30.02	66	E.N.E.	4	c	29.86	- .16	64	59	+	12	S	2	0	3	40	50	-	
Corunna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*
Brussels ...	...	...	...	...	...	30.12	- .20	48	...	-	2	N	3	6	*	...	...	-
Charleville ...	...	...	...	...	...	30.13	- .14	43	...	-	7	E.S.E.	1	6	*	...	...	-
Paris ...	30.26	59	E.N.E.	2	6	30.08	- .18	57	...	+	1	N	2	6	*	...	...	-
Lyons ...	...	...	...	...	...	30.09	- .17	59	...	-	2	E	2	6	*	...	...	*
Toulon ...	30.06	66	N	1	6	30.09	+.05	66	59	+	2	E	4	6	3	77	63	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.83	53	57	SW	2	7	3	Valencia	30.31	59	54	WSW	2	c	3
Thurso	29.96	57	50	NW	2	0	3	Scilly							
Scarborough ...	30.14	62	55	WSW	3	6	2	London	30.29	61	52	W	2	6	*
Greencastle ...	30.16	56	55	W	2	0	*	Rochefort ...	30.16	77	59	E	4	6	3
Holyhead	30.26	59	54	WSW	3	c	2								

Pressure is now giving way in all parts of these Islands. The thermometer has risen quickly in the E., the weather is rather cloudy, but the rain has ceased in the N.

EXPLANATION OF COLUMNS.

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

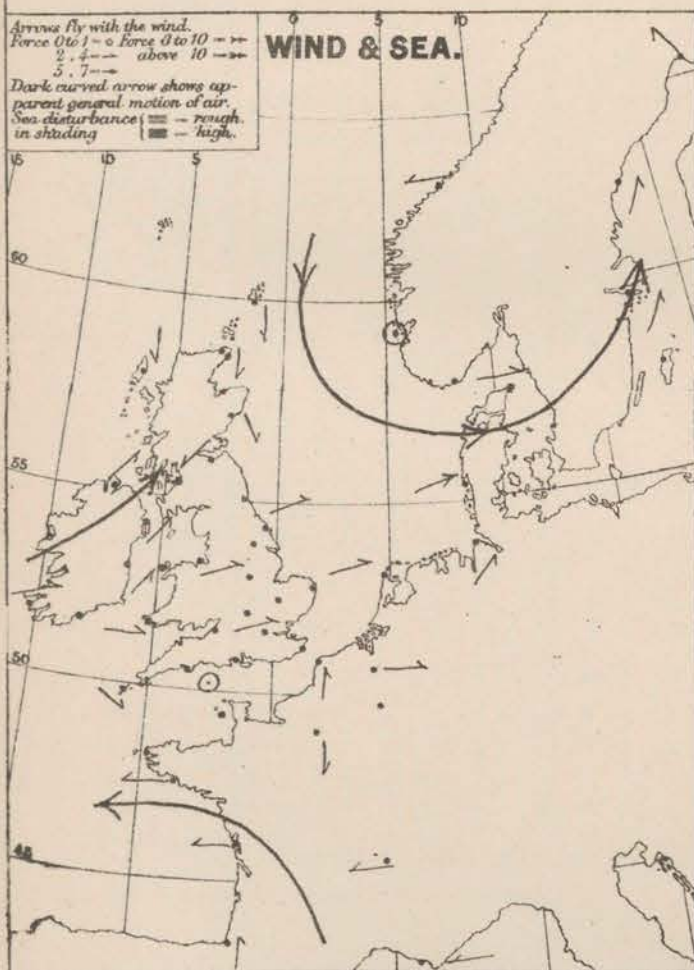
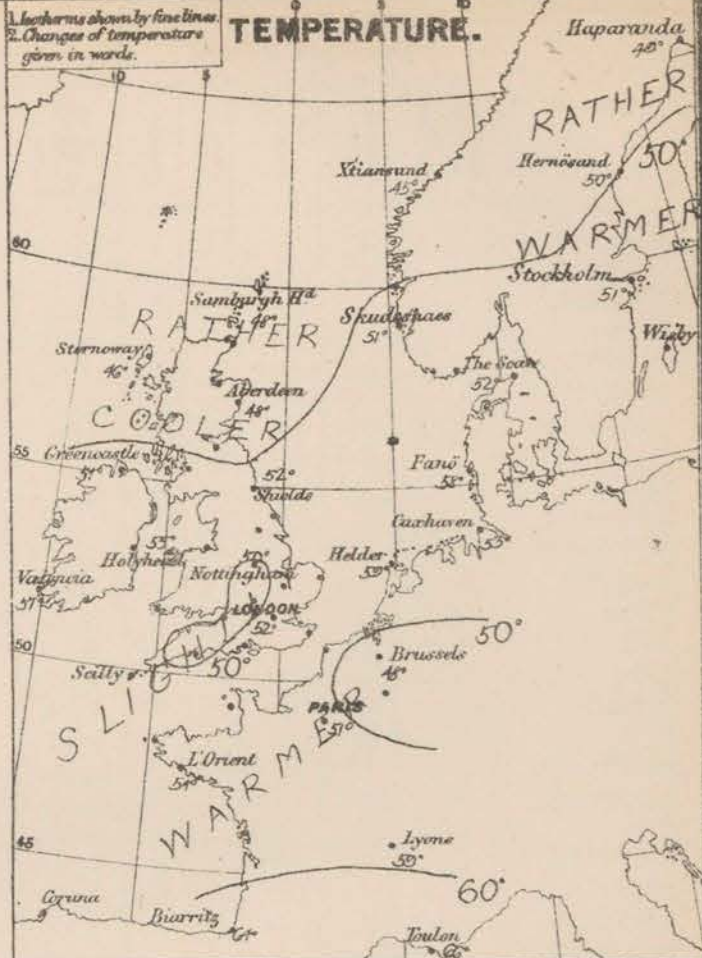
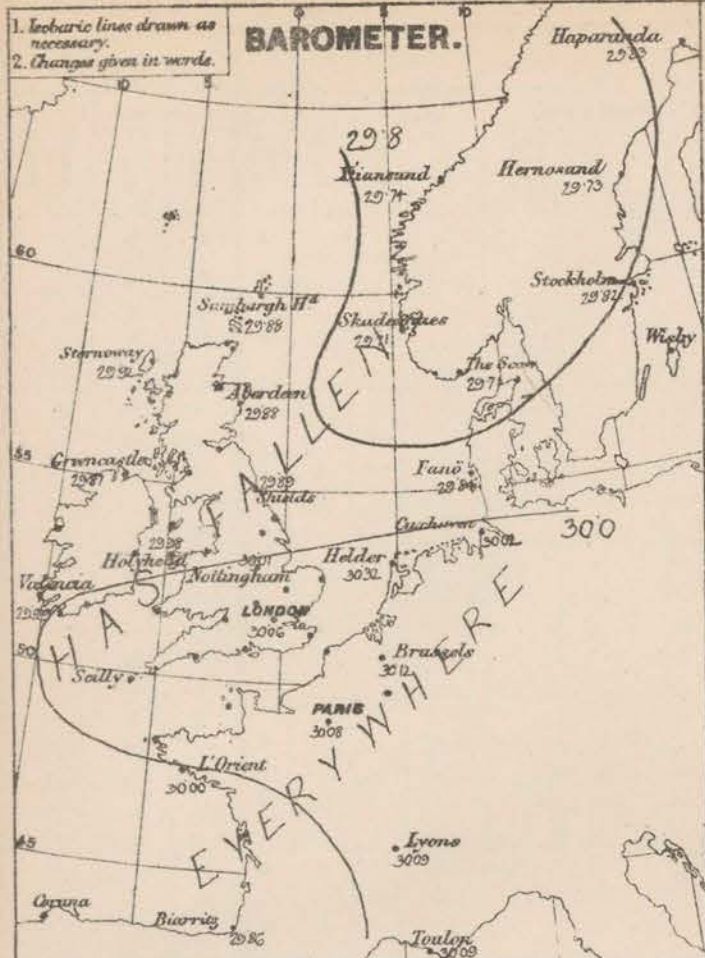
* AN ASTERISK is inserted in all places for which information is not usually received.

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

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

WEATHER CHARTS

for 8 a.m. on Thursday 6TH SEPT^R 1877.



REMARKS. Weather is clear or nearly so in the south of England, over the greater part of France, and at some of the Scotch stations but is more or less cloudy elsewhere; and at Antwerp, Leith and Shields rain is falling. Rain has fallen during the past 24 hours over Scotland and the north of Ireland - more than half an inch at Aberdeen and Cairn - but elsewhere the weather has been dry. Temperature has increased over England but has decreased over Scotland and North Germany. The minima last night were not so low as those reported yesterday morning but in London the thermometer again fell to 40° in the shade and to 33° on the grass. Wind is very variable in direction but is generally light in force, especially over southern England. Sea is smooth or slight.

Barometrical Indications. Pressure has fallen rather briskly generally, but at the Scotch stations the decrease is apparently ceasing. A large depression lies over Scandinavia and the North Sea, while a small local disturbance is shown over Scotland.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEPT 7th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.84	41	Z	0	bc	29.80	-.03	41	39	-.08	NE	2	bc	*	*	*	-	
Hernösand ...	29.64	44	S	2	bc	29.62	-.11	49	46	-.11	NNE	4	bc	*	*	*	0.12	
Stockholm ...	29.63	50	SSW	2	o	29.59	-.23	50	47	-.11	SSW	2	o	*	*	*	0.12	
Wisby ...	29.70	53	SW	8	+	?	?	?	50	?	ESE	?	?	*	*	*	0.12	
Christiansund ...	29.76	46	NNW	2	bc	29.74	-.02	45	37	-.08	SSW	1	bc	2	?	?	0.79	
Skudesnaes ...	29.70	50	NNW	6	bc	29.71	+.01	50	45	-.05	NW	6	bc	4	54	50	-	
Oxö (Xtiansand) ...	29.68	52	WSW	4	bc	29.63	-.10	48	44	-.04	N	4	bc	2	54	45	-	
Skagen (The Seaw) ...	29.71	57	N	8	bc	29.60	-.11	57	46	-.11	NW	5	bc	4	55	45	0.08	
Fanö ...	29.79	59	NW	1	+	29.69	-.15	55	51	-.04	NW	4	bc	*	59	48	0.24	
Cuxhaven ...	29.90	?	WSW	2	o	29.61	-.43	57	55	-.02	NE	1	+	*	59	50	0.10	
Sumburgh Head ...	29.90	47	N	4	bc	29.87	-.03	48	46	-.02	NNW	2	bc	1	53	40	0.12	
Stornoway ...	30.00	48	NE	2	bc	29.99	+.07	46	45	-.01	NNW	1	o	4	52	37	0.09	
Thurso ...	29.95	50	N	3	bc	29.93	+.02	49	47	-.02	NNW	3	bc	3	57	44	0.06	
Wick ...	30.07	57	NNE	2	bc	29.94	+.03	47	47	0	N	2	o	0	56	39	0.01	
Nairn ...	29.96	50	NW	1	o	29.99	+.06	45	42	-.03	NW	1	o	2	55	40	0.15	
Aberdeen ...	29.90	50	N	2	bc	29.96	+.05	47	43	-.04	NNW	2	bc	1	55	41	0.02	
Leith ...	29.89	53	E	3	a	29.97	+.08	49	47	-.02	NNW	1	bc	*	59	44	0.05	
Shields ...	29.90	48	NNE	3	+	29.96	+.07	57	47	-.10	NNE	2	bc	1	54	45	0.38	
Scarborough ...	29.87	52	N	2	+	29.93	+.06	54	50	-.04	ENE	2	bc	*	59	49	0.14	
York ...	29.87	54	NW	1	+	29.93	+.06	52	49	-.03	NE	2	bc	*	59	46	0.19	
Nottingham ...	29.89	57	NW	2	o	29.92	+.03	57	50	-.07	NE	3	o	*	68	49	-	
Ardrossan ...	29.89	55	N	1	bc	29.97	+.08	48	44	-.04	NE	2	bc	1	59	41	-	
Greencastle ...	29.89	54	NNE	2	bc	29.97	+.10	53	50	-.03	E	2	bc	*	58	43	-	
Donaghadee ...	29.98	53	ENE	4	o	29.95	+.03	50	47	-.03	NE	5	bc	4	55	48	0.21	
Kingstown ...	29.87	58	SSE	1	c	29.89	+.02	53	53	0	NE	4	bc	4	60	52	-	
Holyhead ...	29.87	56	SW	2	c	29.86	-.01	54	53	-.01	ENE	4	om	3	60	53	0.77	
Liverpool (Bidston) ...	29.87	55	N	1	c	29.90	+.03	49	47	-.02	E	3	f	1	60	44	0.02	
Valencia ...	29.89	58	N	2	c	29.87	-.02	54	50	-.04	NE	4	bc	5	62	57	-	
Roche's Point ...	29.91	56	WSW	3	bc	29.87	-.04	53	50	-.03	NNE	3	bc	3	61	49	-	
Pembroke ...	29.89	59	N	1	c	29.88	-.01	56	55	-.01	SE	1	c	1	61	52	-	
Portishead ...	29.89	53	NNW	1	c	29.85	-.04	57	50	-.07	NNE	4	bc	3	64	45	-	
Scilly ...	29.89	53	NNW	1	c	29.85	-.04	57	50	-.07	NNE	4	bc	3	64	45	-	
Plymouth ...	29.88	58	Z	0	o	29.81	-.07	53	51	-.02	Z	0	bc	*	61	47	-	
Hurst Castle ...	29.93	60	SSE	1	o	29.92	-.01	55	53	-.02	NE	2	o	2	63	57	-	
Dover ...	29.89	58	NW	1	bc	29.82	-.07	57	53	-.04	N	1	o	0	62	53	-	
London ...	29.89	60	Z	0	omg	29.85	-.04	54	50	-.04	ESE	1	om	*	67	47	-	
Oxford ...	*	*	*	*	*	29.85	-.04	53	51	-.02	NE	2	o	*	64	46	-	
Cambridge ...	29.89	57	N	1	o	29.86	-.03	57	50	-.07	NW	1	bc	*	66	47	-	
Yarmouth ...	29.90	59	N	1	bc	29.84	-.06	56	54	-.02	NE	3	bc	3	62	50	-	
The Helder ...	*	*	*	*	*	29.85	-.04	57	54	-.03	NNW	1	c	*	*	*	-	
Cape Gris Nez ...	29.93	57	NNE	1	bc	29.83	-.10	56	52	-.04	E	1	m	0	66	52	-	
Jersey ...	29.87	58	NE	3	o	29.77	-.10	61	57	-.04	NE	3	cm	3	65	54	-	
Brest ...	29.88	?	ENE	3	o	29.78	-.10	57	55	-.02	ENE	3	o	2	64	54	-	
L'Orient ...	29.83	57	E	3	o	29.73	-.10	54	52	-.02	ENE	4	o	3	63	50	0.04	
Rochefort ...	29.87	64	S	3	o	29.72	-.15	63	61	-.02	SE	1	o	3	72	46	0.08	
Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	29.83	-.04	57	*	+	3	S	3	r	*	*	0.05	
Charleville ...	*	*	*	*	*	29.76	-.07	54	*	+	11	SE	1	or	*	*	*	
Paris ...	29.86	64	E	3	o	29.76	-.10	55	55	0	NNE	4	f	*	*	*	0.16	
Lyons ...	*	*	*	*	*	29.88	-.04	70	*	+	11	SE	6	c	*	*	*	
Toulon ...	30.03	66	E	5	o	29.98	-.05	66	59	-.07	E	4	o	3	72	64	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.69	53	47	NW	6	bc	Valencia ...	29.94	61	50	WSW	1	bc
Thurso ...	29.93	56	41	N	4	bc	Scilly ...						
Scarborough ...	29.88	58	54	N	2	o	London ...	29.96	62	53	SSW	1	c
Greencastle ...	29.89	55	50	N	2	bc	Rochefort ...	29.82	68	61	SE	3	r
Holyhead ...	29.92	59	55	SW	4	bc							

Weather is clear in the N. and is fine elsewhere. Wind is N^W at Thurso and Mouille, N^W on our other coast. The barometer is falling except in the N and NW.

EXPLANATION OF COLUMNS.

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

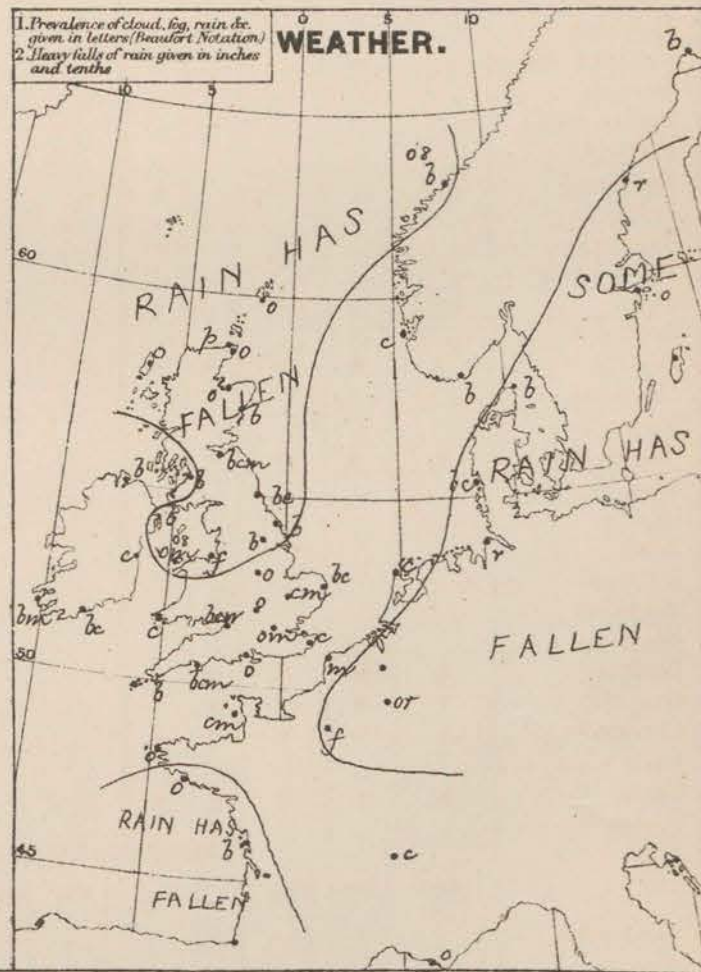
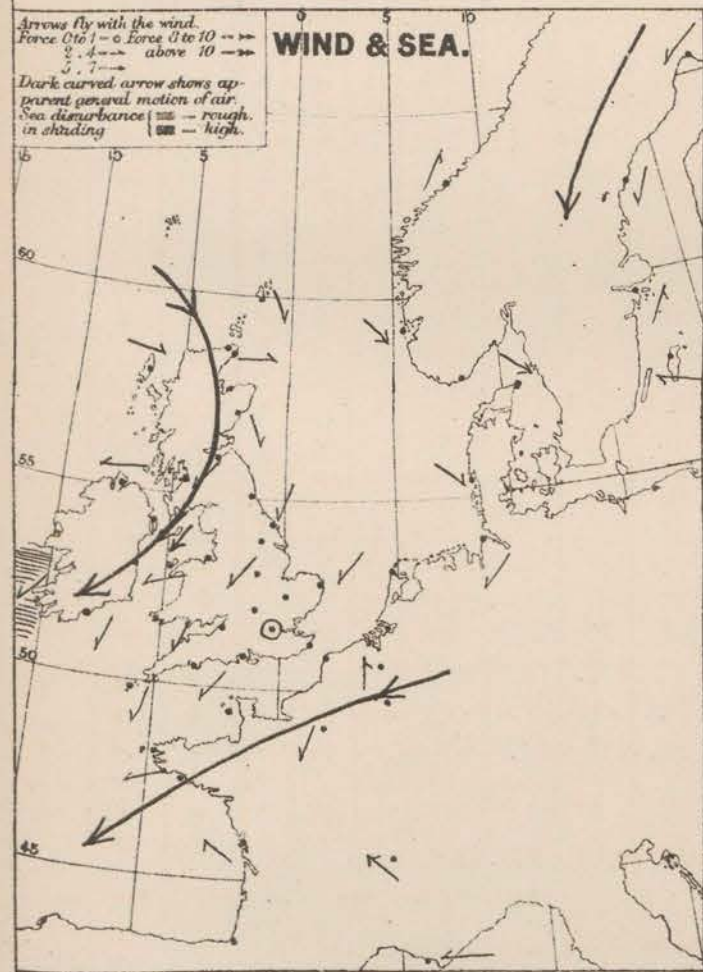
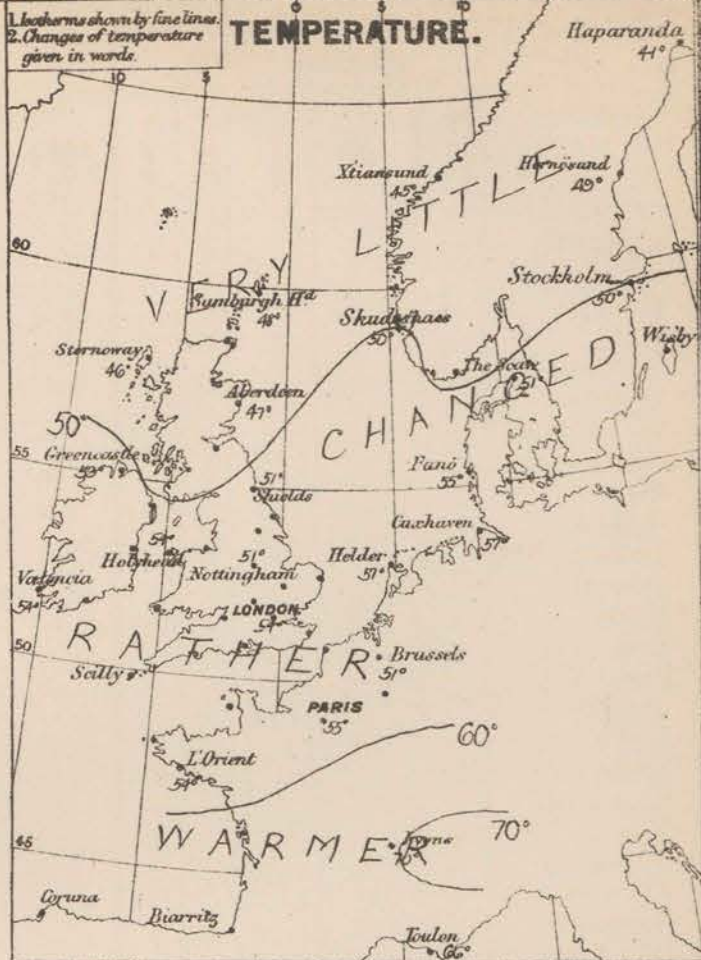
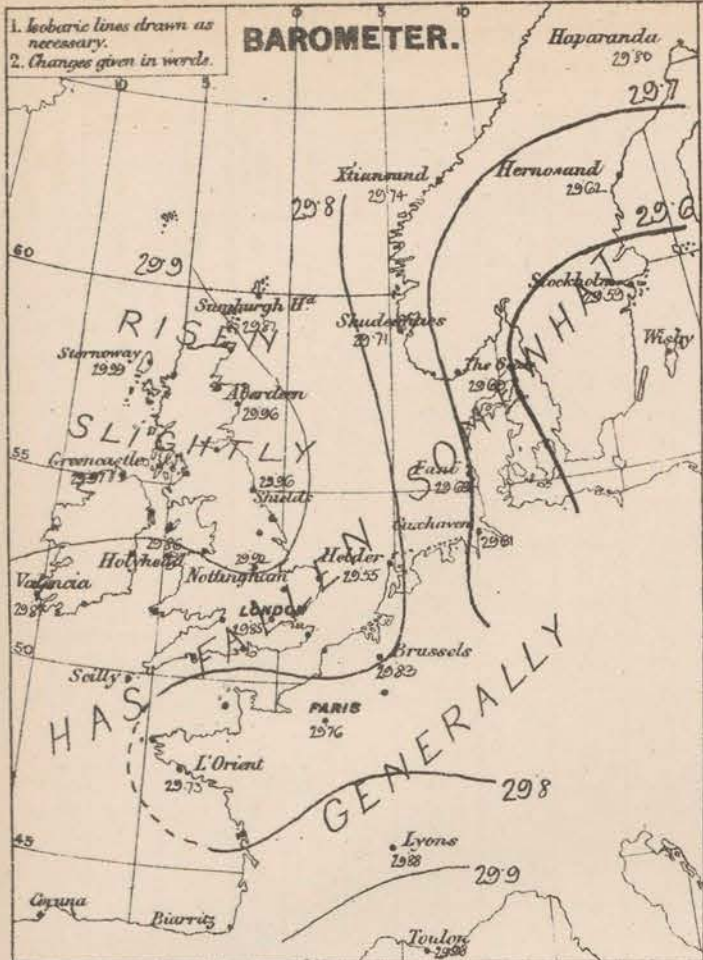
* AN ASTERISK is inserted in all places for which information is not usually received.

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

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

WEATHER CHARTS

for 8 a.m. on Friday 7th SEPT^r 1877.



REMARKS. Weather moderately fine at most of our stations, but is cloudy and dull on the Continent and in the north of Scotland. Showers are reported at Thiers, rain at Carharon, Charleville and Christenmund. Slight rain has fallen at all the more northern stations, and three quarters of an inch has been measured at Holyhead, but elsewhere the weather has been dry. A solar halo was seen at Pembroke last evening. Temperature has increased somewhat over France and the Channel, but has decreased elsewhere. It varies over these islands from 45° at Limerick to 57° at Dover. Wind is fresh from NW on the eastern shores of the North Sea but is NE on all our coasts and the French coasts; it blows freshly in the Irish Sea but is light elsewhere. Sea is slight to calm except at Talenier.

Barometrical Indications. The barometer has risen somewhat in the north, but has fallen elsewhere - most over France. Readings are highest over Scotland and lowest over the Baltic, but an area of comparatively low pressure lies over Central France. The changes during the night have been exceedingly slight, and the present conditions do not appear settled.

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. 8TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Rec. (0 to 10).	SHADE TEMP.		Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 8.30 P.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.72	46	NE	2	r	29.70	- .10	42	41	+	1	Z	0	*	*	*	0.04	
Hernösand ...	29.60	49	N	2	bc	29.64	+ .02	49	46	0		N	4	*	*	*	0.04	
Stockholm ...	29.56	48	SSW	2	o	29.54	- .05	48	46	-	2	NNW	4	*	*	*	0.08	
Wisby ...	29.65	51	SW	4	t	29.56	?	50	47	?		NW	6	*	*	*	0.08	
Christiansund ...	29.80	45	NW	9	b	29.83	+ .09	48	44	+	3	SSW	3	c	0	59	32	-
Skudesnaes ...	29.81	50	NNW	6	t	29.96	+ .25	51	46	+	1	NNW	2	b	2	52	?	-
Oxö (Klansand) ...	29.72	50	NW	2	bc	29.87	+ .24	48	44	0		NNW	4	t	2	55	45	-
Skagen (The Seaw) ...	29.69	52	NNW	4	c	29.83	+ .23	52	48	+	1	NE	4	t	4	61	46	0.04
Fanö ...	29.84	48	NW	4	c	29.88	+ .19	54	51	-	1	N	3	t	*	57	46	0.04
Cuxhaven ...	29.86	48	N	4	o	29.90	+ .29	56	52	-	1	NNE	3	t	*	?	52	0.05
Samburgh Head ...	29.89	49	NW	4	c	30.01	+ .14	50	48	+	2	NNW	4	c	3	57	46	0.05
Stornoway ...	30.01	51	NNW	1	t	30.08	+ .09	50	47	+	4	Z	0	o	7	53	42	-
Thurso ...	29.98	50	NW	2	o	30.08	+ .15	49	46	0		NSW	1	o	2	56	47	0.04
Wick ...	29.99	47	NW	2	o	30.09	+ .15	50	46	+	3	NW	1	o	0	56	42	-
Nairn ...	30.00	49	NW	1	bc	30.09	+ .10	48	41	-	2	Z	0	t	0	54	40	0.02
Aberdeen ...	29.97	50	NNW	1	t	30.09	+ .13	50	46	+	3	NNW	1	t	1	55	46	-
Leith ...	29.97	52	E	1	bc	30.10	+ .13	49	47	0		N	1	cm	*	59	43	-
Shields ...	29.99	51	N	3	c	30.11	+ .15	54	49	+	3	NE	3	t	3	55	45	-
Scarborough ...	29.99	51	NNE	3	c	30.08	+ .15	54	50	0		ENE	3	bc	3	56	50	-
York ...	29.97	53	ENE	1	t	30.07	+ .14	50	48	-	2	NNE	1	t	4	61	58	-
Nottingham ...	29.95	57	NNE	2	t	30.05	+ .13	57	48	0		NNE	4	t	*	62	39	-
Ardrossan ...	29.98	56	ENE	1	t	30.11	+ .14	44	42	-	4	ESE	1	t	0	59	40	-
Greencastle ...	29.99	53	NNE	2	t	30.08	+ .11	49	48	-	4	NNW	1	t	*	58	39	-
Donaghadee ...	29.98	53	NNE	3	t	30.09	+ .14	53	50	+	3	ENE	4	t	3	56	49	-
Kingstown ...	29.94	56	ENE	5	o	30.04	+ .15	53	49	-	2	E	5	bc	4	56	57	-
Holyhead ...	29.91	55	ENE	3	c	30.05	+ .19	49	48	-	5	ENE	2	bc	2	60	46	-
Liverpool (Bidston) ...	29.92	54	E	1	bc	30.06	+ .16	49	46	0		NE	1	m	1	58	48	-
Valencia ...	29.96	59	NE	3	t	29.98	+ .11	55	51	+	1	ENE	3	bc	3	61	57	-
Roche's Point... ..	29.88	60	ESE	4	bc	29.94	+ .07	53	50	0		ENE	4	bc	4	64	49	-
Pembroke ...	29.86	59	ENE	1	c	29.94	+ .11	49	46	-	7	ENE	4	bc	2	63	46	-
Portishead ...	29.84	56	N	5	t	29.95	+ .10	49	47	-	2	N	6	t	5	65	42	-
Scilly ...	29.84	56	N	5	t	29.95	+ .10	49	47	-	2	N	6	t	5	65	42	-
Plymouth ...	29.76	60	E	2	o	29.81	0.00	52	49	-	1	E	5	o	*	64	57	-
Hurst Castle ...	29.77	62	E	4	o	29.87	+ .05	54	52	-	1	NE	5	o	?	62	50	-
Dover ...	29.82	60	ENE	5	bc	29.91	+ .09	58	53	+	1	ENE	5	bc	5	63	56	-
London ...	29.85	58	ENE	3	bc	29.95	+ .10	53	48	-	1	ENE	4	c	*	65	47	-
Oxford ...	*	*	*	*	*	29.98	+ .13	50	46	-	3	ENE	2	bc	*	61	43	-
Cambridge ...	29.92	55	N	1	o	30.01	+ .15	54	50	+	3	NE	2	bc	*	62	40	-
Yarmouth ...	29.90	57	NE	4	bc	29.99	+ .13	57	52	+	1	ENE	5	bc	*	59	52	-
The Helder ...	*	*	*	*	*	29.95	+ .10	55	50	-	2	NNE	2	bc	*	*	*	-
Cape Gris Nez ...	29.82	59	ENE	3	o	29.90	+ .07	55	50	-	0	ENE	4	bc	3	63	50	-
Jersey ...	29.69	59	ENE	6	t	29.71	- .06	55	55	-	6	E	7	cm	6	64	54	0.19
Brest ...	29.67	63	E	4	o	29.62	- .16	57	55	0		E	4	m	4	63	55	0.39
L'Orient ...	29.59	59	NE	4	t	29.62	- .41	61	61	+	7	SSW	3	m	2	63	52	0.32
Rocheport ...	29.54	72	S	4	o	29.71	- .02	66	64	+	3	N	5	o	3	75	50	0.04
Biarritz ...	29.53	75	SSE	1	o	29.74	+ .27	70	63	-	3	SSW	3	c	2	81	66	-
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	*	*	*	*	*	29.89	+ .06	48	*	-	3	ENE	6	o	*	*	*	0.04
Charleville ...	*	*	*	*	*	29.75	- .01	54	*	0		ENE	3	or	*	*	*	*
Paris ...	29.71	58	NE	3	t	29.75	- .04	54	*	-	1	NE	4	t	*	*	*	0.07
Lyons ...	*	*	*	*	*	29.84	- .04	71	*	+	1	S	2	o	*	*	*	*
Toulon ...	29.84	68	E	6	o	29.87	- .11	68	68	+	2	E	5	m	4	68	63	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.75	52	45	NW	8	h	Valencia	29.89	60	53	NE	3	h	3
Thurso	29.96	53	48	NW	3	70	Scilly							
Scarborough ...	29.97	53	48	NNE	2	h	London	29.85	62	54	ESE	2	o	*
Greencastle ...	29.99	56	50	SE	2	h	* Rochefort ...	29.62	68	66	SE	3	h	3
Holyhead	29.91	58	54	ENE	4	h								

Weather dull over Sth England and in Scotland, fine elsewhere. Wind is light and variable.
Barometer inclined to rise generally.

EXPLANATION OF COLUMNS.

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

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

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

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

SUMMARY OF WEATHER IN WESTERN EUROPE

from SEPT 2nd to SEPT 8th 1877.

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

Considerable changes have occurred in pressure during this week. On the 2nd readings were highest over the Bay of Biscay and very light N^{ly} breezes with fair weather prevailed, but during the day a depression advanced over our Islands from the W^{ly} causing very heavy rain and unsettled weather at all the Sth stations, while the wind which circulated round the centre was strong in force. This disturbance which passed across Southern England, had partially filled up, and had at the same time travelled to Central Europe by the morning of the 4th, pressure had risen briskly and a large area of high readings lay over our Sth stations, causing N^{ly} breezes on our coast. On the 5th the barometer had begun to fall in the Sth, though readings were still highest there, and the wind had backed to the W^{ly}. On the 6th little change had occurred, but on the 7th the highest pressures were established in the N., and E^{ly} breezes set in, which on the 8th became rather strong, under the influence of a well marked depression which had advanced over France in the night, and occasioned rather steep gradients over the Channel. Temperature has been low, and the weather rather rainy during the early part of the week, but dry during the last four days.

SEPT 2nd Pressure was highest over the Bay of Biscay (30.10 in.), and lowest over Scandinavia (29.4 in.); over the North Sea gradients were rather steep, but in these Islands readings were uniform. The barometer was falling at all our stations, most in the Sth, where a fresh disturbance was appearing. The wind was N^{ly} and very light over the British Isles, but very strong from Nth over Norway and Denmark, and light from east over the N. of France. Temperature had fallen a few degrees in the E. and N., but elsewhere was not changed much. It varied from 40° at Kairn to 51° at Dover and 42° at Toulon. The weather was fine in the N.E. of Scotland, the S.E. of England, and the N. of France, but cloudy elsewhere with rain at Valparaiso. The depression advancing from the Sth had reached Cornwall by 6 P.M. and rain was falling at Pembroke and Roche Point, but in most other places the weather was moderately fine.

SEPT 3rd The disturbance from the Sth had continued to travel slowly E^{ly} and at 8 am its centre lay over the S. coast, immediately S. of London. Pressure had increased over Scotland and Ireland, but fallen over France and England, as much as 0.3 in. in the S.E. Readings were highest off the N. of Ireland. The wind circulated round the low pressure, blowing strongly on our N.E. coasts, freshly in the N., and strongly again over France and the Channel Islands. Temperature remained very low, varying from 40° in Scotland, to 50° in the S.E. of England, and 40° at Toulon. The weather had cleared over Ireland but was dull elsewhere, with rain at our Nth and N.E.th stations. In the N. of England the rainfall exceeded an inch. During the day the disturbance continued to pass away E^{ly} and the recovery of pressure noticed in the N. spread to all parts of the British Isles.

SEPT 4th The disturbance noticed during the past two days, had travelled quickly over Europe, and the mercury was

ning in all parts of our area. It was highest (30.3 ins.) in the SW parts of these Islands, lowest (29.9 ins.) over Scandinavia. Light N^{ly} breezes consequently prevailed on all coasts. Temperature remained steadily low. In these Islands it varied from 47° to 55°; while in France, (where it had fallen several degrees), it was about 55° even as far S. as Toulon. The weather was fair to clear generally. During the day the barometer fell a little, both in the N. of Scotland and S. of France, but still rose elsewhere.

SEPT. 5th The barometer was falling at all except the SE^m stations, where it was rising. Readings were highest (30.4 ins.), off the mouth of the Channel, and lowest 29.9 ins. to the NE^W of Scotland and over Scandinavia; they were very uniform in the S; but moderate gradients existed in the N. The wind was light from N. in the N. and from E. over France, while over S^m England calms prevailed. Temperature had risen briskly in Scotland, but had fallen over the central and SE^m parts of England as well as at most of the French stations. It was lowest (46°) at Oxford. The weather was fine over the greater part of England and France, and in Sweden, but elsewhere it was more or less cloudy, with rain in the N. of Scotland and Germany. Some mist prevailed generally. During the day the barometer fell generally, but very little other change occurred.

SEPT. 6th The mercury still fell generally - most in the N. - and the distribution of pressure was very irregular: the highest readings lay over the NE. of France, and the lowest over Norway and Sweden, but on our N^m coasts some small local disturbances apparently existed. The wind was N^{ly} over Scotland, but drew into NN. and N. over the North Sea while in the Bay of Biscay a light E^{ly} breeze was blowing; elsewhere the wind was exceedingly variable. Temperature had fallen somewhat over Scotland and the NE. of France, but had risen elsewhere. In London during the night it had risen to 40° in the shade and 33° in the grass. The sky was clear in the S. of England; over France, and at some of the Scotch stations, cloudy elsewhere, with heavy rain at Ardrossan, Leith, and Shields. Later in the day the barometer began to rise in the N. but continued to fall in the N. and S. where the local irregularities ^{in pressure} still existed.

SEPT. 7th The barometer was rising at our more NN^m and NE^m stations, but was falling elsewhere, in many places the change was slight but in North Germany it amounted to four, and in the NE. of France to more than three tenths of an inch. Readings were comparatively high over the N. of Great Britain, and low both in the SW. of France and over the Baltic. The wind was N^{ly} to NE^{ly} over these Islands and France, and NN^{ly} on the eastern shores of the North Sea. It was light generally. Temperature had risen over France and the Netherlands, but was almost unchanged in other places. The sky was cloudy over the Continent and SE. of England, as well as in the N. of Scotland, but moderately clear elsewhere. During the day the barometer fell briskly in the N. of France and SW. of England, but rose elsewhere, and the wind became more E^{ly}.

SEPT. 8th Pressure was increasing in all parts of Western Europe, but still falling slightly in Sweden. Readings were highest over the N. of England, while areas of low pressure existed one over the Baltic, the other over the NN. of France. Calms prevailed in Scotland, but a N^{ly} breeze was reported on the eastern side of the North Sea, which drew into NE. on our NE. coasts and into E. over the S. of England and the Channel. Temperature had again fallen, it was as low as 43° at Naïon, and 49° in the N. of England. Sky was dull over France with rain at Paris and Charleville, but was clear or moderately so elsewhere. The barometer fell somewhat in the N. during the day, but still rose in all other places. The weather was unchanged.

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

DAILY WEATHER REPORT

SEP^R 9TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.75	43	Z	0	℄	29.79	+ 0.9	40	38	- 2	N	2	℄	*	*	*	-	
Hernösand ...	29.80	48	NNW	2	℄	29.89	+ 0.5	57	46	+ 2	NNW	6	℄	*	*	*	-	
Stockholm ...	29.71	49	NNW	6	℄	29.84	+ 0.30	50	46	+ 2	NNW	6	℄	*	*	*	0.32	
Wisby ...	29.73	57	N	9	℄	29.85	+ 0.29	50	48	0	NNW	8	℄	*	*	*	0.28	
Christiansund ...	29.99	50	SW	4	℄	30.04	+ 0.21	50	48	+ 2	SW	4	℄	4	52	46	0.95	
Skudesnaes ...	30.07	57	NNW	2	℄	30.11	+ 0.15	54	57	+ 3	NNW	6	℄	2	54	50	-	
Oxö (Xtiansand) ...	29.96	55	NNW	2	℄	30.10	+ 0.19	48	46	0	NNW	4	℄	2	59	45	-	
Skagen (The Seaw) ...	29.99	49	NNW	2	℄	30.10	+ 0.23	53	57	+ 1	Z	0	℄	0	63	45	-	
Fanö ...	30.11	49	N	2	℄	30.08	+ 0.20	59	54	+ 5	N	1	℄	*	59	48	-	
Cuxhaven ...	30.08	50	N	3	℄	30.12	+ 0.22	54	52	- 2	S	1	℄	*	57	46	-	
Samburgh Head ...	30.10	57	NNW	2	℄	30.25	+ 0.27	50	48	0	NE	1	0	0	57	47	-	
Stornoway ...	30.11	52	S	1	℄	30.13	+ 0.05	45	44	- 5	Z	0	℄	0	55	34	-	
Thurso ...	30.13	52	Z	0	℄	30.18	+ 0.10	44	43	- 5	Z	0	℄	1	61	35	-	
Wick ...	30.17	57	N	1	℄	30.19	+ 0.10	54	49	+ 4	S	1	℄	0	56	33	-	
Nairn ...																		
Aberdeen ...	30.14	57	SSE	1	℄	30.17	+ 0.08	48	46	- 2	SSE	1	℄	0	56	39	-	
Leith ...	30.13	52	E	2	℄	30.16	+ 0.06	47	45	- 2	SSW	1	℄	*	63	38	-	
Shields ...	30.14	53	E	3	℄	30.16	+ 0.05	54	57	0	ESE	2	℄	2	58	57	-	
Scarborough ...	30.13	53	ENE	2	0	30.16	+ 0.08	54	57	0	E	2	℄	2	56	52	-	
York ...	30.12	53	E	1	0	30.15	+ 0.08	54	57	+ 4	ENE	1	℄	*	59	42	-	
Nottingham ...	30.08	54	ENE	2	℄	30.11	+ 0.06	55	57	+ 4	NE	2	℄	*	60	49	0.01	
Ardrossan ...	30.12	56	NNW	1	0	30.15	+ 0.04	50	47	+ 6	ENE	2	℄	1	58	42	-	
Greencastle ...	30.09	56	SE	2	℄	30.08	0.00	52	49	+ 3	E	2	℄	*	62	42	-	
Donaghadee ...	30.11	55	ESE	4	℄	30.10	+ 0.01	55	50	+ 2	ESE	6	℄	5	58	57	-	
Kingstown ...	30.06	57	ENE	4	℄	30.04	0.00	55	57	+ 2	ESE	4	℄	4	57	52	-	
Holyhead ...	30.03	55	ENE	5	℄	30.05	0.00	57	49	+ 2	E	5	℄	4	59	48	-	
Liverpool (Bidston) ...	30.05	54	ENE	3	℄	30.07	+ 0.01	54	49	+ 5	ENE	4	℄	2	58	47	-	
Valencia ...	29.96	60	ESE	3	℄	29.89	- 0.09	54	53	+ 1	E	4	0	4	64	51	-	
Roche's Point...	29.98	56	E	5	℄	29.93	- 0.01	56	53	+ 3	ESE	5	0	4	59	49	-	
Pembroke ...	29.93	59	E	4	0	29.96	+ 0.02	55	52	+ 6	E	4	℄	2	59	48	-	
Portishead ...	29.94	56	ENE	3	℄	29.98	+ 0.03	54	52	+ 5	NNE	4	0	3	61	47	-	
Scilly ...																		
Plymouth ...	29.85	55	E	6	0	29.90	+ 0.09	53	57	+ 1	ENE	5	℄	*	59	57	0.26	
Hurst Castle ...	29.92	59	ESE	5	0	29.93	+ 0.06	57	56	+ 3	NE	3	0	3	60	57	-	
Dover ...	29.96	59	E	5	℄	29.96	+ 0.05	59	53	+ 1	NE	6	℄	5	60	58	-	
London ...	29.98	58	E	3	℄	29.98	+ 0.03	56	57	+ 3	E	3	0	*	62	52	-	
Oxford ...	*	*	*	*	*	30.00	+ 0.02	55	52	+ 5	ENE	1	0	*	62	49	-	
Cambridge ...	30.02	56	E	1	0	30.03	+ 0.02	55	53	+ 1	NE	1	0	*	64	46	-	
Yarmouth ...	30.04	58	E	4	℄	30.05	+ 0.06	57	54	0	E	5	℄	4	60	55	-	
The Helder. ...	*	*	*	*	*	30.08	+ 0.13	55	57	0	ENE	2	℄	*	*	*	-	
Cape Gris Nez ...	29.93	57	ENE	6	℄	29.95	+ 0.05	52	50	- 3	ENE	4	0	2	61	50	-	
Jersey ...	29.86	55	E	6	℄	29.89	+ 0.18	57	57	+ 2	N	1	0	1	57	53	0.33	
Brest ...	29.80	64	SSE	2	0	29.91	+ 0.29	59	57	+ 2	ESE	1	℄	3	?	54	0.08	
L'Orient ...	29.80	63	SW	1	℄	29.88	+ 0.26	52	52	- 9	ENE	3	0	3	66	50	-	
Rochefort ...	29.82	70	N	3	℄	29.83	+ 0.12	64	61	- 2	SE	4	℄	3	73	55	0.04	
Biarritz ...	29.78	73	ENE	2	0	29.94	+ 0.20	66	59	- 4	SW	5	℄	3	77	59	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.95	+ 0.06	50	*	+ 2	E	6	0	*	*	*	0.04	
Charleville ...	*	*	*	*	*	?	?	56	*	+ 2	ENE	1	0	*	*	*	*	
Paris ...	29.85	57	NE	3	0	29.89	+ 0.14	55	53	+ 1	NE	2	0	*	*	*	0.12	
Lyons ...	*	*	*	*	*	29.92	+ 0.08	68	*	- 3	SE	2	?	*	*	*	*	
Toulon ...	29.89	68	N	4	0	29.94	+ 0.07	68	68	0	S	1	0	4	73	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.04	57	46	NN	6	6	3	Valencia	29.96	62	53	E N E	2	6	0
Thurso	30.12	58	50	NNN	1	c	2	Scilly							
Scarborough ...	30.13	54	57	E	3	6	3	London	29.98	60	52	E N E	3	c	*
Greencastle ...	30.09	59	53	E	2	6	*	Rocheport ...	29.80	72	64	NNN	4	0	3
Holyhead	30.05	57	53	E	5	c	4								

There is no change of importance, beyond a slight fall of the barometer at Valencia.

EXPLANATION OF COLUMNS.

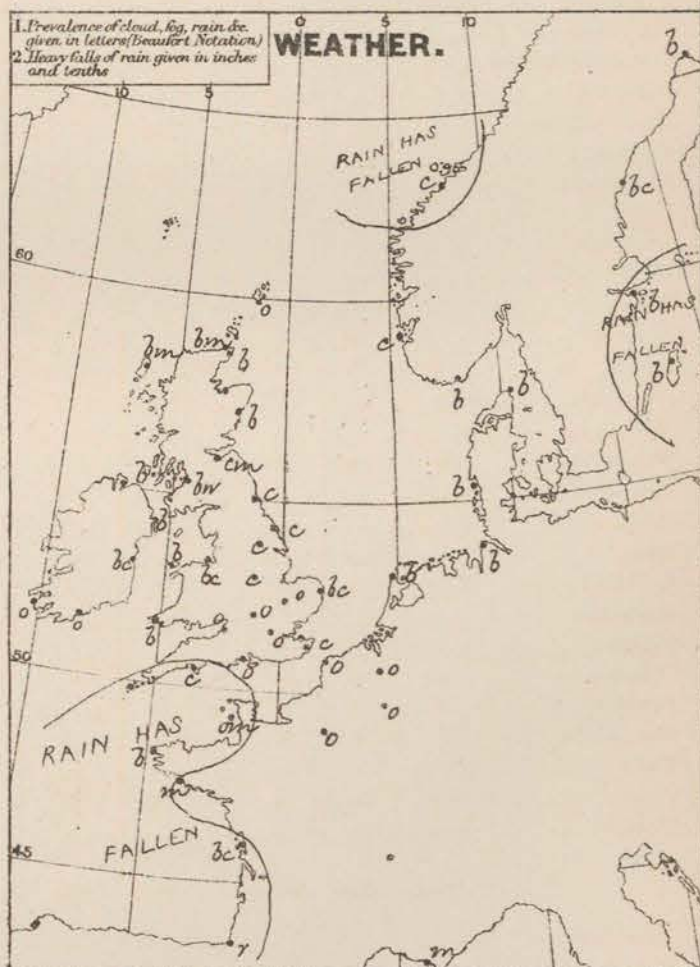
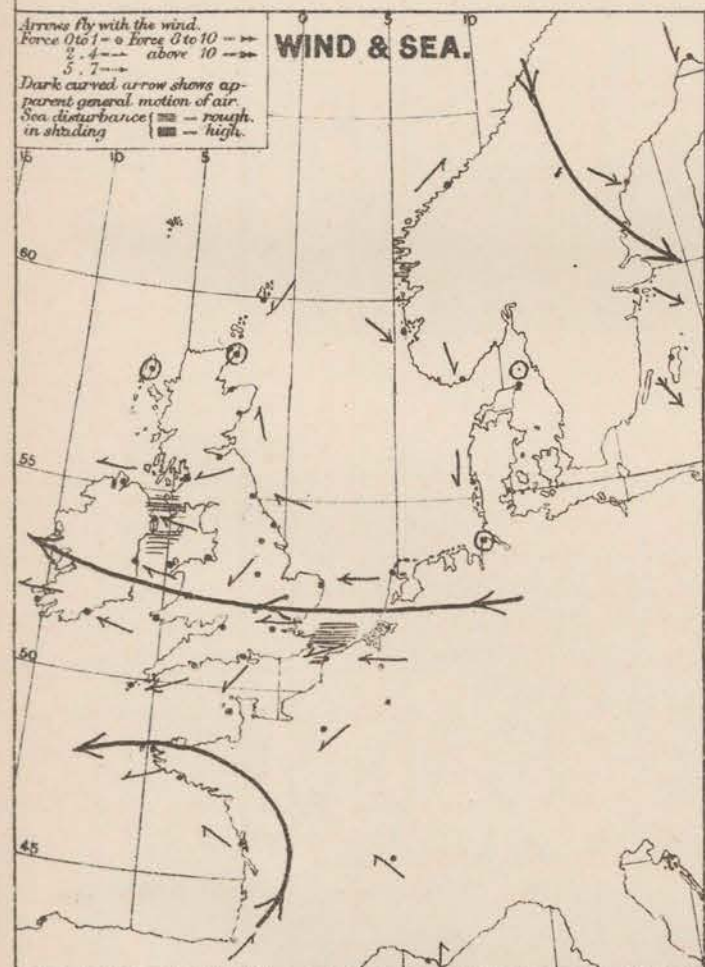
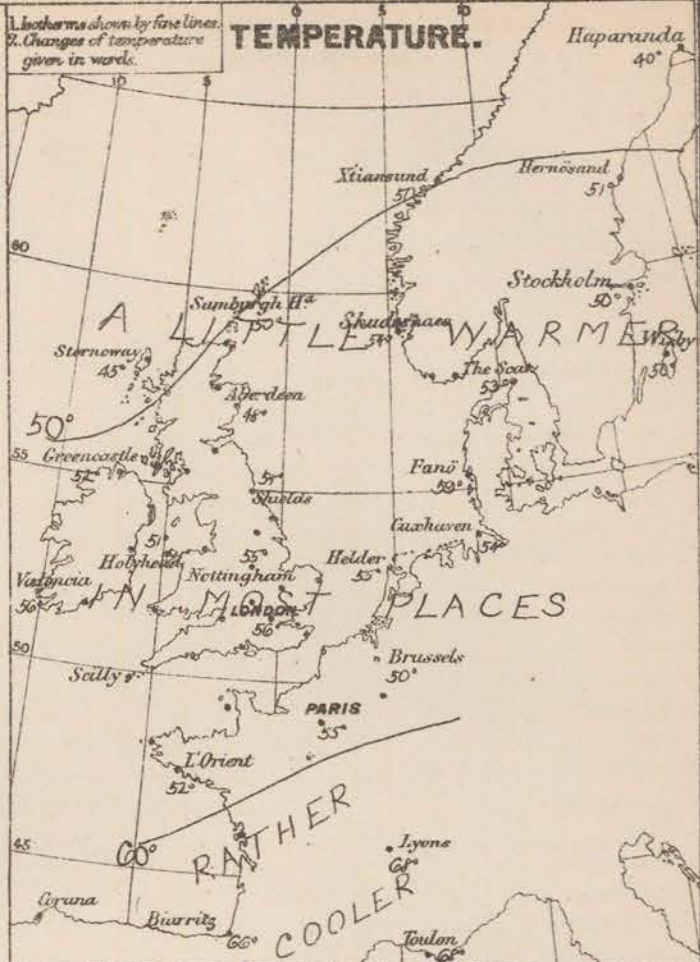
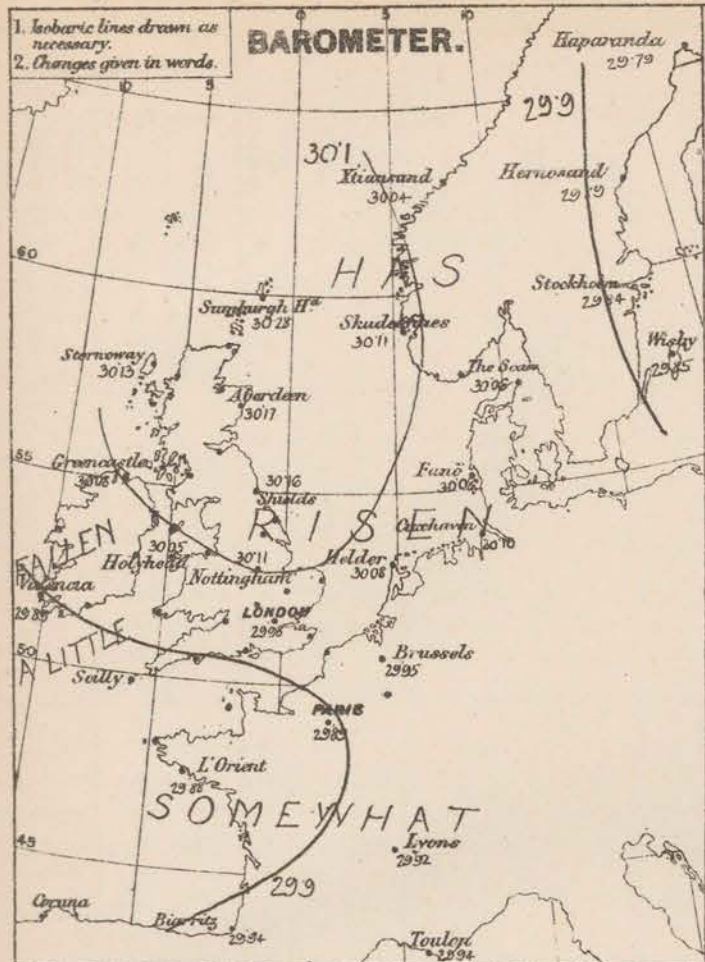
WEATHER.—Beaufort scale is, b. blue sky; a. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS *for 8 a.m. on Sunday 9TH SEPT^R 1877.*



REMARKS. Weather is overcast over France and all the northern parts of England and Ireland, but is fine elsewhere, especially in Scotland and Sweden, where perfectly clear skies are reported. Rain fell in the west and north of France yesterday, and at some of the Scandinavian stations; a small amount was also measured at Nottingham and Plymouth, but in most parts of the United Kingdom the weather was dry. Temperature is a little higher than it was yesterday excepting in France, where a slight decrease has occurred; the readings now vary from 45° in the north of Scotland to 35° in the south of England and Ireland, and 65° or 70° in the south of France. The thermometers fell below 32° in the north of Scotland during Saturday night. Wind is fresh from NW over Scandinavia and almost calm at the Baltic stations, but in other places E^{ly} breezes continue to prevail - they are rather fresh in the Channel and at some of the Irish stations. Sea is rather rough at Derry, moderate to calm elsewhere. Barometrical Indications The barometer is still rising at all but the Irish stations, where a slow decrease is going on. The highest pressures are now found over the north of Scotland, but the conditions which have been prevailing of late appear to be slowly giving way, and the wind seems likely to blow more into S.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEPT 10TH

1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 13).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 13).			Max.	Min.		
Haparanda ...	29.78	42	N	2	bc	29.85	+ .06	44	41	+ 4	NE	2	bc	*	*	*	-	
Hernösand ...	29.91	57	NNW	2	bc	29.96	+ .07	57	49	0	NNW	4	c	*	*	*	-	
Stockholm ...	29.64	52	N	2	bc	29.91	+ .07	50	48	0	NNW	2	bc	*	*	*	-	
Wisby ...														*	*	*	-	
Christiansund ...	30.12	57	N	2	0	30.11	+ .07	49	48	- 1	SSE	1	0	2	54	46	-	
Skudesnaes ...	30.06	52	NNW	4	bc	30.07	- .04	54	53	0	Z	0	bc	1	55	52	-	
Oxö (Itiansand)	30.04	54	NNW	4	bc	30.08	+ .02	48	47	0	NNW	4	bc	1	57	43	-	
Skagen (The Seaw)	30.08	50	Z	0	bc	30.10	+ .04	51	50	- 2	Z	0	bc	0	70	41	-	
Fanö ...	30.07	50	N	3	bc	30.10	+ .02	49	49	- 10	Z	0	f	*	59	41	-	
Cuxhaven ...	30.10	52	NE	1	bc	30.10	- .02	55	53	+ 1	SE	1	bc	*	59	50	-	
Sumburgh Head	30.21	57	Z	0	c	30.12	- .16	50	46	0	SSE	1	0	1	58	47	-	
Stornoway	30.02	52	Z	0	bc	29.96	- .17	48	47	+ 3	SE	1	bc	3	54	36	-	
Thurso ...	30.13	57	SE	6	bc	30.03	- .15	67	48	+ 7	SSE	2	0	2	59	42	-	
Wick ...	30.14	54	SE	2	0	30.05	- .14	52	49	- 2	SE	3	0	1	57	49	-	
Nairn ...		53	SSE	1	c												-	
Aberdeen ...	30.14	53	SSE	1	c	30.08	- .09	52	50	+ 4	S	3	c	1	55	47	-	
Leith ...	30.09	52	ESE	3	0	30.06	- .10	52	49	+ 5	SE	1	bc	*	57	41	-	
Shields ...	30.12	54	E	3	0	30.09	- .07	54	49	0	ESE	3	c	2	59	54	-	
Scarborough	30.11	54	E	2	c	30.11	- .05	53	52	- 1	SE	2	0	2	56	50	-	
York ...	30.10	55	E	1	0	30.07	- .08	56	52	+ 2	E	2	bc	*	62	50	-	
Nottingham ...	30.06	54	E	2	bc	30.08	- .03	52	51	- 3	ENE	1	bc	*	65	48	-	
Ardrossan ...	30.06	56	ENE	2	c	30.02	- .13	50	47	0	ENE	3	c	2	61	45	-	
Greencastle ...	29.99	56	SE	2	bc	29.88	- .20	56	52	+ 4	SSE	4	0	*	62	50	-	
Donaghadee ...	30.01	56	E	4	bc	29.97	- .13	55	53	0	ESE	6	c	5	59	54	-	
Kingstown ...	29.97	58	E	4	bc	29.92	- .12	58	55	+ 3	SE	5	bc	4	60	53	-	
Holyhead ...	29.99	58	E	2	bc	29.96	- .09	56	54	+ 5	S	1	c	0	60	50	-	
Liverpool (Bidston)	30.02	57	E	2	bc	30.03	- .04	50	50	- 4	ESE	2	0	1	62	47	-	
Valencia ...	29.74	59	ESE	5	0	29.71	- .18	59	58	+ 3	SE	3	0	3	60	54	0.21	
Roche's Point...	29.89	56	SE	5	0	29.78	- .15	57	57	+ 1	SSE	6	bc	5	60	49	0.25	
Pembroke ...	29.94	59	SE	3	0	29.91	- .05	58	56	+ 3	SE	5	c	3	60	54	-	
Portishead ...	29.96	59	NNE	3	0	30.00	+ .02	55	52	+ 1	N	1	c	2	64	50	-	
Seilly ...																	-	
Plymouth ...	?	58	E	3	0	29.86	+ .04	58	57	+ 5	ESE	2	bc	*	60	53	-	
Hurst Castle ...	29.96	61	SE	1	0	29.99	+ .06	58	57	+ 1	E	1	c	1	62	53	-	
Dover ...	29.96	60	ENE	3	bc	30.02	+ .06	61	56	+ 2	ENE	2	c	1	62	58	-	
London ...	29.99	60	SE	3	c	30.03	+ .05	57	55	+ 1	E	1	omv	*	67	53	-	
Oxford ...						30.02	+ .02	53	52	- 2	Z	0	omv	*	64	45	-	
Cambridge ...	30.01	56	E	1	bc	30.06	+ .03	56	64	+ 1	NE	1	c	*	64	54	-	
Yarmouth ...	30.03	58	E	4	bc	30.05	00	60	56	+ 3	E	3	bc	3	60	55	-	
The Helder ...						30.04	- .04	56	53	+ 1	ENE	1	bc	*	*	*	-	
Cape Gris Nez	29.97	55	SE	1	0	30.02	+ .07	59	57	+ 7	Z	0	0	0	59	52	0.04	
Jersey ...	29.75	59	?	?	bc	30.01	+ .12	62	59	+ 5	SE	1	c	3	65	53	-	
Brest ...	30.00	68	N	2	bc	29.98	+ .07	59	57	0	SSE	4	bc	4	?	57	-	
L'Orient ...	29.97	59	NNW	3	bc	30.03	+ .15	57	?	+ 5	ESE	3	m	2	70	50	-	
Rochefort ...	29.97	68	NE	4	bc	30.04	+ .21	63	61	- 1	Z	0	bc	0	75	57	0.16	
Biarritz ...	30.08	70	NNW	5	0	30.04	+ .10	63	57	- 3	ESE	2	bc	4	76	57	-	
Corunna ...																	*	
Brussels ...						?	?	53		+ 3	E	3	0	*	*	*	0.02	
Charleville ...						29.94	?	54		+ 2	NNW	1	0	*	*	*	*	
Paris ...	29.94	58	NNW	2	0	30.04	+ .15	57	55	+ 2	NNE	1	0	*	*	*	-	
Lyons ...						29.89	- .03	64		- 4	N	2	bc	*	*	*	*	
Toulon ...	29.94	66	NNW	3	bc	29.98	+ .04	61	57	- 7	NNW	5	bc	4	77	?	-	

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	30.07	55	7	NNW	6	5					
Thurso											
Scarborough											
Greencastle											
Holyhead											
						Valencia					
						Scilly					
						London					
						Rochefort	29.83	63	61	ENE	4

EXPLANATION OF COLUMNS.

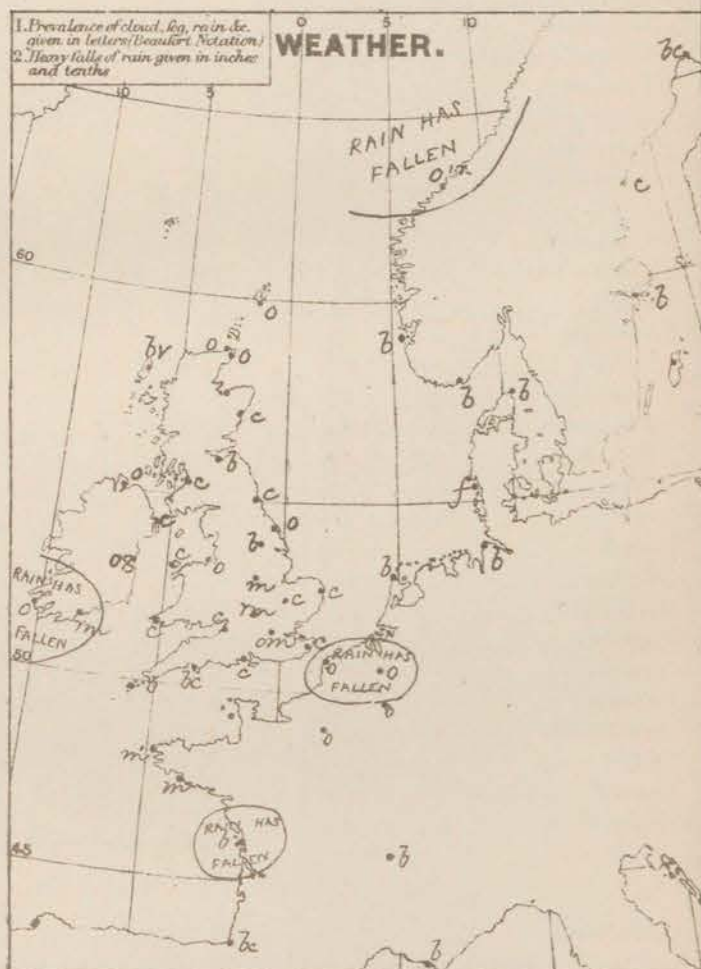
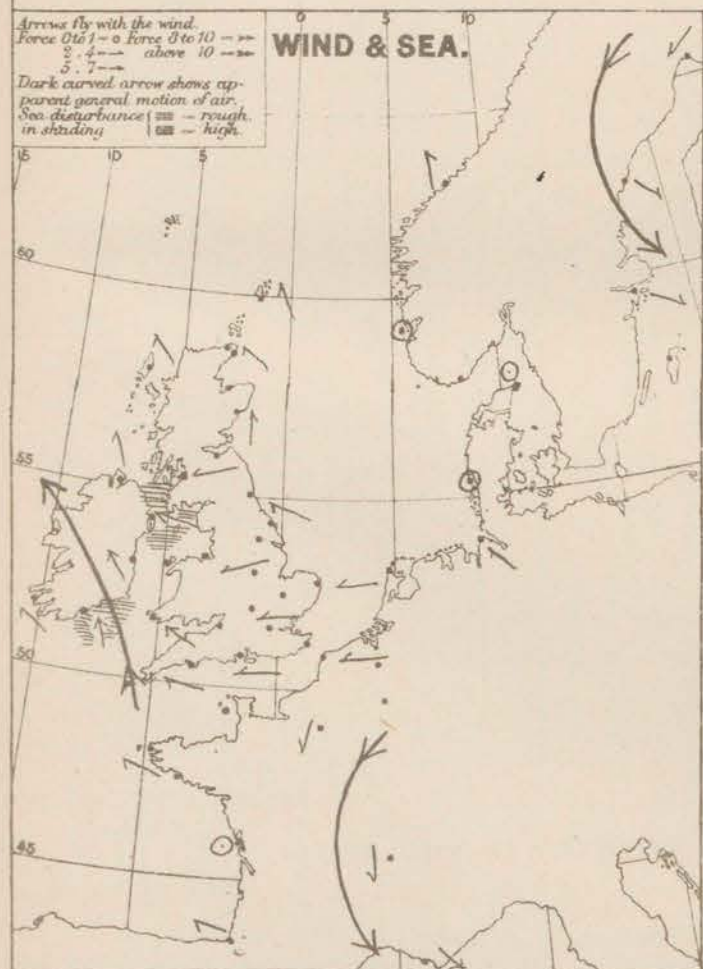
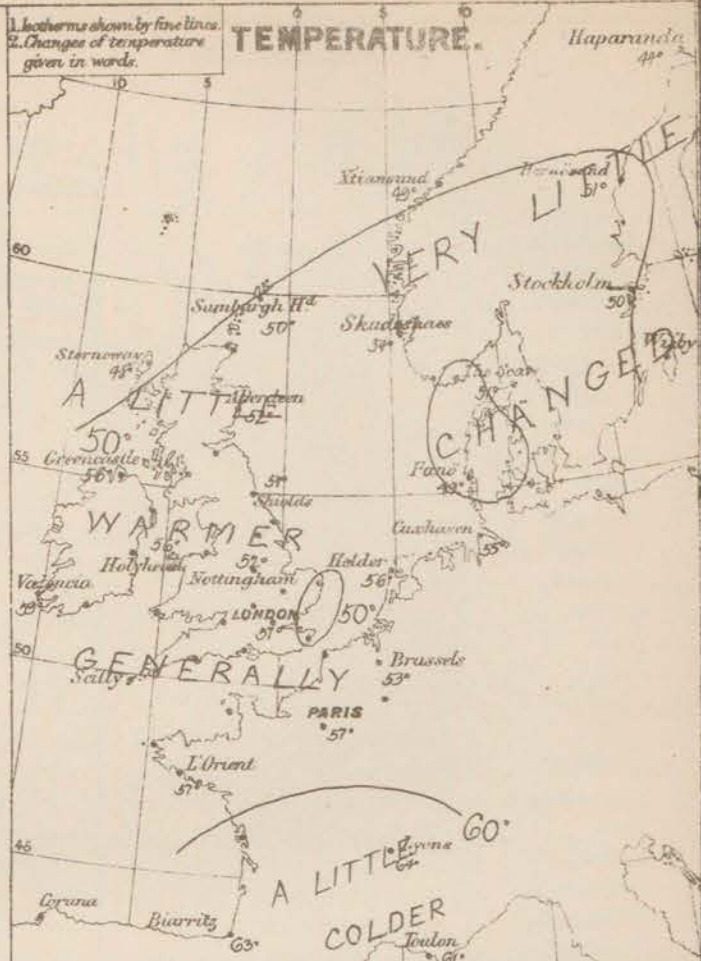
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Monday 10th SEPT^r 1877.



REMARKS. Weather varies considerably this morning; at the western stations it is dull, with rain at Roches P. but in England, France and Scotland the sky is generally overcast and misty, though quite clear in some places, and on the eastern shores of the North Sea the weather is very fine. Rain has fallen only in the south of Ireland, at Christiansburg and at a few of the French stations, elsewhere the weather has been dry. Temperature has risen a few degrees in most places but both in Denmark and the south of France it has fallen; it varies from 60° in the Hebrides to 61° at Dover and 64° at Lyons, the last reading being the highest reported this morning over Western Europe. Wind is fresh or strong from SE or ESE in the west while very light E^{ly} to SE^{ly} airs are shown over St. Martin, the North Sea and north of France; in the south of France and in Sweden the wind is NW^{ly}. Seas is rough at Roches P., moderate in the Irish Sea, slight to calm elsewhere.

Barometrical Indications. Pressure is given only at all the more western and northern stations but has risen somewhat in the east and south east. Readings are very uniform over England and the North Sea, but moderate gradients for 5" winds exist in the west, and appear likely to extend air us.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEPT 11th 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.97	39	N	2	b		30.01	+ .16	39	36	- 5	Z	0	b	*	*	*	-	
Hernösand ...	30.04	46	N	1	b		30.04	+ .08	46	43	- 5	Z	0	b	*	*	*	-	
Stockholm ...	30.02	50	Z	0	b		30.07	+ .16	49	46	- 1	Z	0	b	*	*	*	-	
Wisby ...	29.99	50	NNE	4	b		30.04		51	49		NN	4	b	*	*	*	-	
Christiansund ...	30.11	50	N	1	b		30.07	- .04	46	45	- 3	Z	0	b	1	54	41	-	
Skudesnaes ...	30.07	50	NN	2	b		30.06	- .01	51	50	- 3	SSE	4	r	3	57	50	-	
Oxö (Xtiansand) ...	30.09	51	N	2	b		30.10	+ .02	46	45	- 2	?	4	c	2	55	45	-	
Skagen (The Sæw) ...	30.12	51	NNN	2	b		30.12	+ .02	53	48	+ 2	Z	0	0	0	63	45	-	
Fanö ...	30.13	52	E	2	b		30.07	- .03	55	53	+ 6	ESE	4	b	*	59	48	-	
Cuxhaven ...	30.12	52	E	2	b		30.07	- .03	55	51	0	S	3	c	*	61	50	-	
Sumburgh Head ...	30.04	49	SE	2	c		29.88	- .24	53	51	+ 3	SE	4	c	H	54	46	0.02	
Stornoway ...	29.78	44	E	1	0		29.61	- .35	55	53	+ 7	SE	5	ow	4	56	42	0.02	
Thurso ...	29.95	51	SSE	3	b		29.74	- .29	56	53	+ 5	SSE	5	c	4	60	48	-	
Wick ...	29.96	51	SSE	4	0		29.78	- .27	54	53	+ 2	SE	4	0	3	58	41	-	
Nairn ...	No observations taken.						29.75		56	52		SE	4	0	2	?	?	?	
Aberdeen ...	30.00	51	SSE	3	b		29.81	- .27	55	54	+ 3	SSE	4	c	3	56	50	-	
Leith ...	29.95	55	SSE	1	c		29.75	- .31	55	53	+ 3	SE	1	c	*	65	49	-	
Shields ...	30.03	54	ESE	4	c		29.83	- .26	56	54	+ 2	SSE	3	ow	2	58	52	-	
Scarborough ...	30.05	53	ESE	1	b		29.87	- .24	56	55	+ 3	SE	2	c	2	56	53	-	
York ...	30.01	57	E	1	b		29.84	- .23	57	54	+ 1	ESE	2	0	2	64	52	-	
Nottingham ...	29.99	60	ESE	1	c		29.84	- .24	59	57	+ 7	SE	2	c	*	65	52	-	
Ardrossan ...	29.91	58	ESE	2	0		29.68	- .34	59	56	+ 9	E	3	ow	2	64	50	0.04	
Greencastle ...	29.80	56	SE	3	0		29.54	- .34	57	56	+ 1	S	3	r	*	60	54	0.13	
Donaghadee ...	29.84	57	SE	4	c		29.61	- .36	56	56	+ 1	SE	5	r	4	58	54	0.18	
Kingstown ...	29.79	58	SE	5	r		29.57	- .35	58	57	0	SSE	6	r	5	60	56	0.74	
Holyhead ...	29.86	59	SSE	2	m		29.64	- .32	59	57	+ 3	SSE	3	ow	2	63	55	0.02	
Liverpool (Bidston) ...	29.92	57	ESE	3	0		29.72	- .31	58	56	+ 8	ESE	5	0	2	61	?	0.03	
Valencia ...	29.56	60	SSE	4	0		29.43	- .28	58	56	- 1	SE	4	b	4	64	56	0.08	
Roche's Point ...	29.66	58	SSE	7	r		29.47	- .31	58	57	+ 1	SSE	5	b	5	60	55	0.77	
Pembroke ...	29.81	59	SE	5	0		29.60	- .31	58	58	0	SE	5	r	2	62	58	0.60	
Portishead ...	29.97	64	ENE	3	c		29.73	- .27	62	60	+ 7	E	5	ow	4	70	52	-	
Scilly ...																			
Plymouth ...	29.90	59	SE	2	0		29.70	- .16	59	59	+ 1	S	4	or	*	64	58	0.35	
Hurst Castle ...	29.99	64	S	2	b		29.83	- .16	64	62	+ 6	SSE	5	0	5	64	57	-	
Dover ...	30.02	61	ESE	2	b		29.91	- .11	64	59	0	SSE	4	b	3	64	69	-	
London ...	30.00	62	SSE	1	b		29.87	- .16	62	59	+ 5	SSE	2	b	*	65	53	-	
Oxford ...	*	*	*	*	*		29.79	- .23	60	58	+ 7	SE	1	ow	*	65	53	-	
Cambridge ...	30.00	58	ESE	1	c		29.86	- .20	60	58	+ 4	SE	1	c	*	71	53	-	
Yarmouth ...	30.02	60	E	2	b		29.92	- .13	60	58	0	SSE	2	ow	2	63	54	-	
The Helder ...	*	*	*	*	*		29.99	- .05	59	57	+ 3	SSE	1	f	*	*	*	-	
Cape Gris Nez ...	30.01	59	NE	1	c		29.92	- .10	59	57	0	SSE	2	c	1	68	55	-	
Jersey ...	29.98	63	SSE	2	0		29.81	- .20	61	60	- 1	SSE	4	ow	4	64	60	0.02	
Brest ...	29.92	?	SSE	5	m		29.78	- .20	59	57	0	S	4	0	5	63	57	0.43	
L'Orient ...	29.97	61	SSE	3	m		29.79	- .24	61	61	+ 4	NNN	1	p	3	68	55	0.08	
Rochefort ...	30.01	40	Z	0	0		29.84	- .20	64	61	+ 1	SE	5	b	3	77	57	-	
Biarritz ...	29.93	75	ENE	3	b		29.90	- .14	75	73	+ 12	S	4	b	2	84	61	-	
Corunna ...	*	*	*	*	*											*	*	*	
Brussels ...	*	*	*	*	*		30.01	?	53	*	0	S	3	0	*	*	*	-	
Charleville ...	*	*	*	*	*		29.99	+ .05	47	*	- 7	NNN	1	f	*	*	*	*	
Paris ...	30.03	62	ENE	2	c		29.95	- .09	57	55	0	SE	3	b	*	*	*	-	
Lyons ...	*	*	*	*	*		30.02	+ .13	64	*	0	E	2	m	*	*	*	*	
Toulon ...	30.04	54	NN	5	b		30.07	+ .09	66	57	+ 5	NE	3	b	3	?	51	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.08	57	57	NW	2	6	2	Valencia	29.61	61	60	SE	5	79	5
Thurso	29.99	58	52	SSE	2	6	3	Scilly							
Scarborough ...	30.08	55	53	SE	2	60	2	London	30.02	63	58	SE	1	0	*
Greencastle ...	29.86	57	54	SE	4	0	*	Rochefort ...	30.04	75	64	NW	2	60	3
Holyhead	29.92	65	62												

Weather is very dull except at Thurso and rain is falling at Valencia. Wind is drawing more into south all over the country and blows strongly at Pembroke. The barometer is falling everywhere, most at Valencia.

EXPLANATION OF COLUMNS.

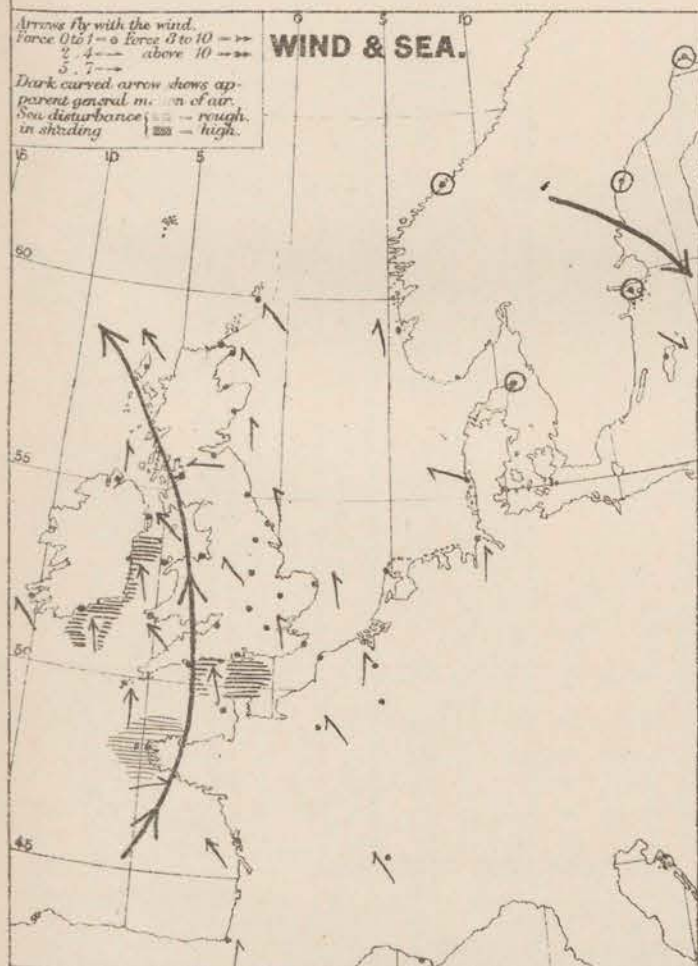
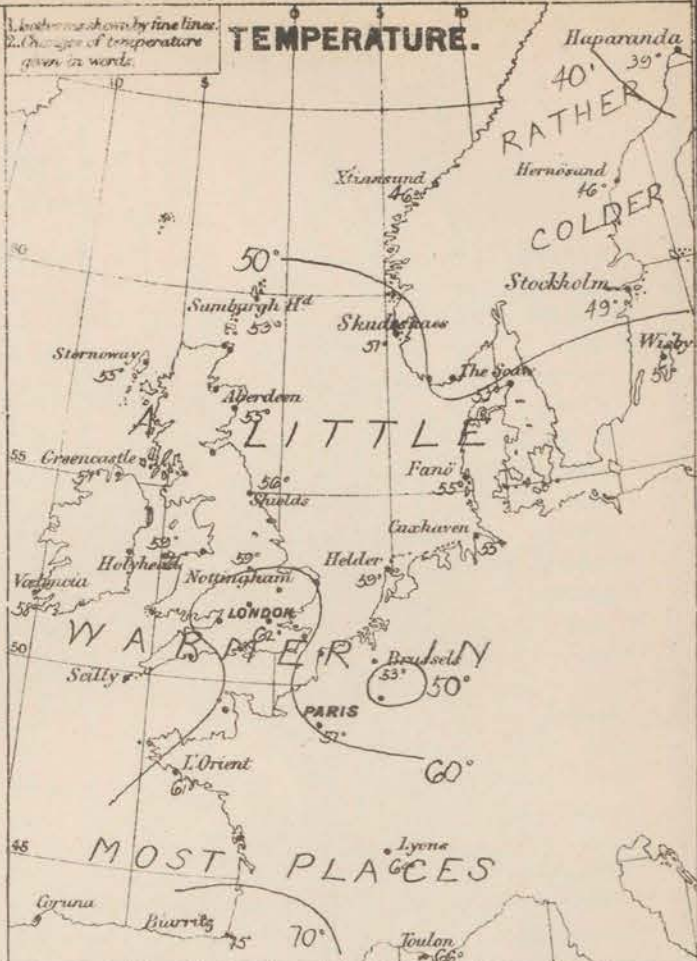
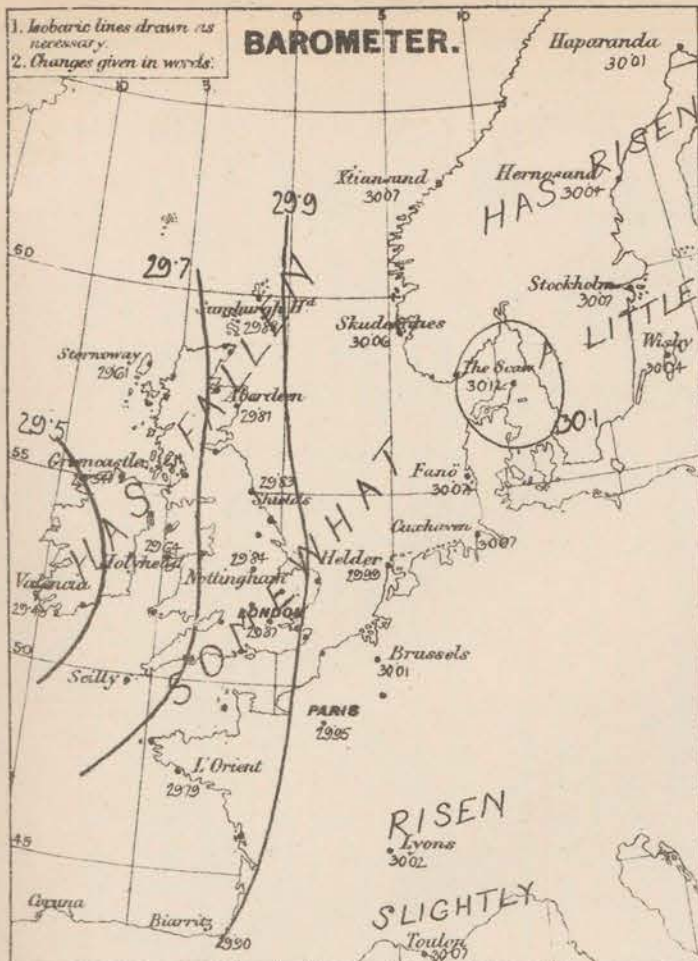
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Tuesday 11TH SEPT^R 1877.



REMARKS. The weather so dull or very cloudy in nearly all places, though in the south of Ireland a tendency to clear is shown. Rain is falling at our north western stations, in the Channel and at Skudenes, while fog or mist prevails in many places. Three quarters of an inch of rain has fallen at Kingstown and Roches Pt., and smaller amounts at the other western stations, as well as in the extreme north of Holland and west of France. Temperature has risen generally, several degrees over S^t Britain; it is moderately uniform over these Islands, varying from 53° in the Shetlands to 66° at Toulon; in the south of France it reaches 74°. In the west of Norway a slight decrease is shown. Wind is S^W to SE^W on all coasts, it is moderate in force in most places, but in the west and south west, blows strongly or fresh. Sea is rough at Kingstown and Roches Pt., moderate to slight elsewhere.

Barometrical Indications. The barometer is falling over the whole of our Islands, and their immediate neighbourhood — most at our western stations — but rising slightly in Sweden and the south of France. Depressions are apparently passing from S. to N. outside our western coasts, and their influence is slowly extending over the whole of these Islands.

DAILY WEATHER REPORT

SEPT. 12TH

1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.99	45	Z	0	bc	29.97	- .04	43	41	+	4	N	2	o	*	*	*	-	
Hernösand ...	30.06	44	Z	0	bc	29.98	- .06	42	41	-	4	Z	0	f	*	*	*	-	
Stockholm ...	30.06	49	S	2	bc	30.00	- .07	53	57	+	4	SSW	2	bc	*	*	*	-	
Wisby ...	30.09	50	SE	4	bc	30.08	+	04	50	49	-	1	S	4	bc	*	*	-	
Christiansund ...	29.95	50	NE	2	bc	29.71	- .36	47	45	+	1	E	3	bc	2	?	4.1	-	
Skudesnaes ...	29.56	57	SSE	4	o	29.65	- .11	57	53	+	6	SE	6	o	4	57	?	-	
Oxö (Tiansand) ...	30.01	53	ENE	4	o	29.80	- .20	55	54	+	9	ENE	6	+	3	55	?	-	
Skagen (The Scaw) ...	30.03	54	SSE	3	c	29.85	- .17	57	57	+	4	S	4	o	4	63	5.2	-	
Fanö ...	29.90	58	SE	4	bc	29.83	- .07	61	59	+	6	SW	3	c	*	66	5.4	-	
Cuxhaven ...	29.98	58	SSE	2	bc	29.92	- .06	60	59	+	5	WSW	4	o	*	68	5.2	-	
Sumburgh Head ...	29.42	56	Z	0	+	29.20	- .41	53	52	-	2	S	4	o	4	58	4.9	0.6	
Thurso ...	29.53	55	SSE	5	c	29.28	- .46	55	53	-	1	SSW	2	bc	1	64	57	0.12	
Wick ...	29.59	54	SSE	5	o	29.30	- .48	55	54	+	1	SSE	4	bc	3	59	52	0.10	
Nairn ...	29.46	60	SE	2	+	29.28	- .47	56	53	0	0	Z	0	bc	1	63	53	0.01	
Aberdeen ...	29.57	56	SSE	0	o	29.39	- .42	56	54	+	1	S	5	bc	4	60	53	0.19	
Leith ...	29.50	61	S	1	+	29.40	- .35	60	55	+	5	SW	2	bc	*	66	52	0.18	
Shields ...	29.58	58	S	4	+	29.55	- .28	58	55	+	2	SW	4	c	2	61	52	0.06	
Scarborough ...	29.67	57	SSE	3	+	29.64	- .23	58	55	+	2	SW	4	bc	3	62	54	0.53	
York ...	29.62	57	SE	1	+	29.64	- .20	57	55	0	0	S	4	bc	*	67	52	0.36	
Nottingham ...	29.56	59	S	2	o	29.72	- .12	60	57	+	1	SW	4	bc	*	69	57	0.24	
Ardrossan ...	29.48	59	SSE	3	o	29.38	- .30	57	54	-	2	SSW	5	c	5	61	55	0.55	
Greencastle ...	29.35	59	S	2	o	29.29	- .25	54	52	-	3	SW	4	c	*	60	49	0.89	
Donaghadee ...	29.38	57	SSE	5	+	29.42	- .19	53	53	-	3	SSW	4	+	3	57	52	0.58	
Kingstown ...	29.45	59	SSW	4	o	29.50	- .07	57	53	-	1	S	3	o	2	62	54	0.42	
Holyhead ...	29.57	59	SSW	4	bc	29.57	- .07	57	55	-	2	SW	6	cp	5	62	55	0.17	
Liverpool (Bidston) ...	29.55	59	SE	3	c	29.62	- .10	58	54	0	0	SSW	3	c	2	62	54	0.01	
Valencia ...	29.43	59	SW	5	c	29.54	+	11	55	52	-	3	WSW	5	bcg	6	62	53	0.45
Roche's Point... ..	29.42	58	SW	4	bc	29.59	+	12	55	54	-	3	WSW	5	+	4	61	55	0.54
Pembroke ...	29.56	59	SW	6	bc	29.70	+	10	59	56	+	1	SW	7	c	4	61	57	0.44
Portishead ...	29.67	59	SSW	4	bc	29.80	+	07	57	54	-	5	SW	5	bc	5	64	54	0.49
Scilly ...	29.70	59	SW	5	o	29.85	+	15	59	57	0	0	SW	4	bc	*	63	57	0.32
Plymouth ...	29.77	63	SW	5	bc	29.93	+	10	62	60	-	2	WSW	5	o	5	63	59	0.22
Hurst Castle ...	29.79	61	SW	4	c	29.92	+	01	61	59	-	3	SW	4	ppg	5	63	60	0.16
Dover ...	29.75	62	SW	3	bc	29.87	00	61	57	-	1	WSW	4	bc	*	70	56	0.10	
London ...	*	*	*	*	*	29.81	+	02	59	56	-	1	SW	3	bc	*	64	55	0.27
Oxford ...	*	*	*	*	*	29.81	-	11	61	58	+	1	WSW	4	bc	3	63	55	0.23
Cambridge ...	29.73	61	SSW	4	bc	29.81	-	11	61	59	+	2	SSW	2	o	*	*	*	0.12
Yarmouth ...	29.82	61	SW	2	bc	29.93	+	01	61	59	+	2	SW	6	+	5	44	59	0.43
The Helder ...	29.85	63	SW	6	bc	29.98	+	17	60	57	-	1	SW	6	bc	5	66	58	0.05
Cape Gris Nez ...	29.88	66	S	2	o	30.03	+	25	59	57	0	0	SW	6	bc	5	?	57	-
Jersey ...	29.94	64	W	5	bc	30.04	+	25	61	59	0	0	W	5	m	5	68	55	-
Brest ...	30.04	68	WNW	5	bc	30.13	+	29	66	61	+	2	W	3	c	3	70	55	-
L'Orient ...	30.09	72	ESE	2	o	30.15	+	25	61	57	-	14	ESE	3	o	5	81	59	0.20
Rocheport ...	*	*	*	*	*	30.01	00	56	*	+	3	SW	3	bc	*	*	*	0.04	
Biarritz ...	*	*	*	*	*	30.04	+	05	54	*	+	7	SSE	1	c	*	*	*	-
Corunna ...	29.94	62	W	3	c	30.08	+	13	58	*	+	1	SW	3	bc	*	*	*	0.08
Brussels ...	*	*	*	*	*	?	?	67	*	+	3	E	2	o	*	*	*	*	-
Charleville ...	30.12	70	SE	1	bc	30.17	+	10	68	66	+	2	SE	2	m	2	77	64	-
Paris ...	30.17	70	SE	1	bc	30.17	+	10	68	66	+	2	SE	2	m	2	77	64	-
Lyons ...	30.17	70	SE	1	bc	30.17	+	10	68	66	+	2	SE	2	m	2	77	64	-
Toulon ...	30.17	70	SE	1	bc	30.17	+	10	68	66	+	2	SE	2	m	2	77	64	-

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.95	56	54	S	2	c	3	Valencia	29.39	60	55	SSE	3	cp	4
Thurso	29.64	58	55	SSE	4	c	4	Scilly							
Scarborough ...	29.72	57	56	SSE	3	c	3	London	29.76	69	62	SSE	3	o	*
Greencastle ...	29.44	56	55	SSE	1	o	*	Rocheport ...	30.00	70	63	WNW	5	a	4
Holyhead	29.56	61	60	SSE	3	c	3								

Weather is dull all over the country, and showers have occurred during the morning at Holyhead. Pressure still gives way in all places.

EXPLANATION OF COLUMNS.

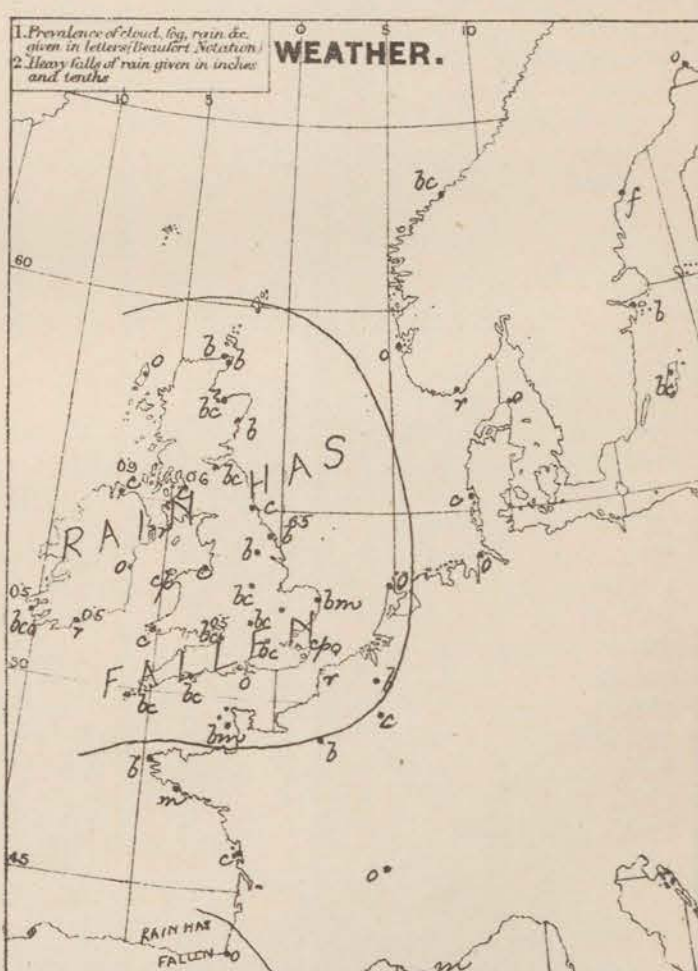
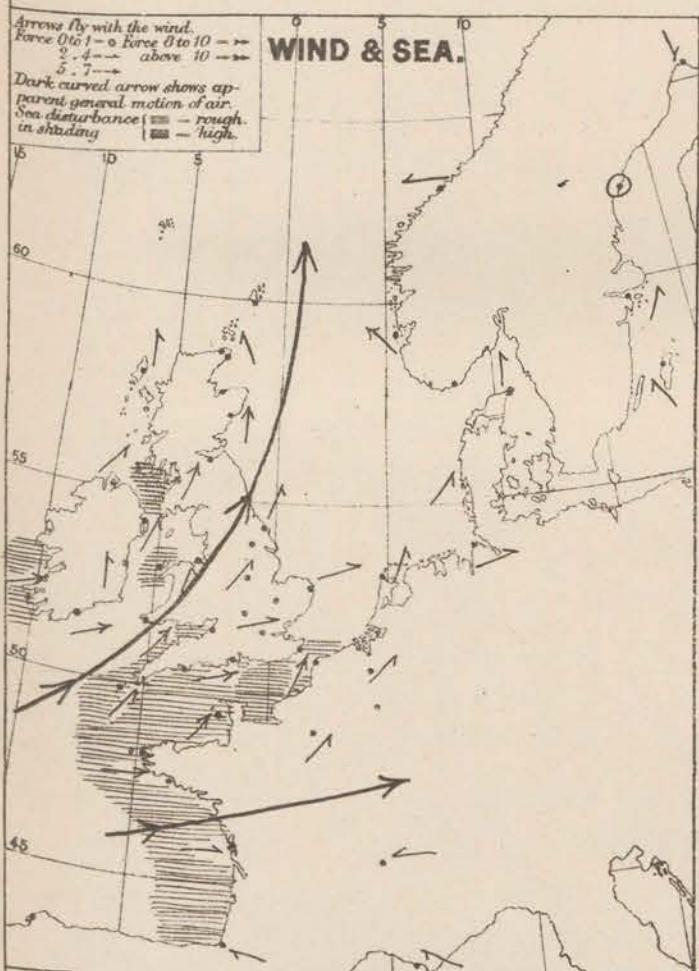
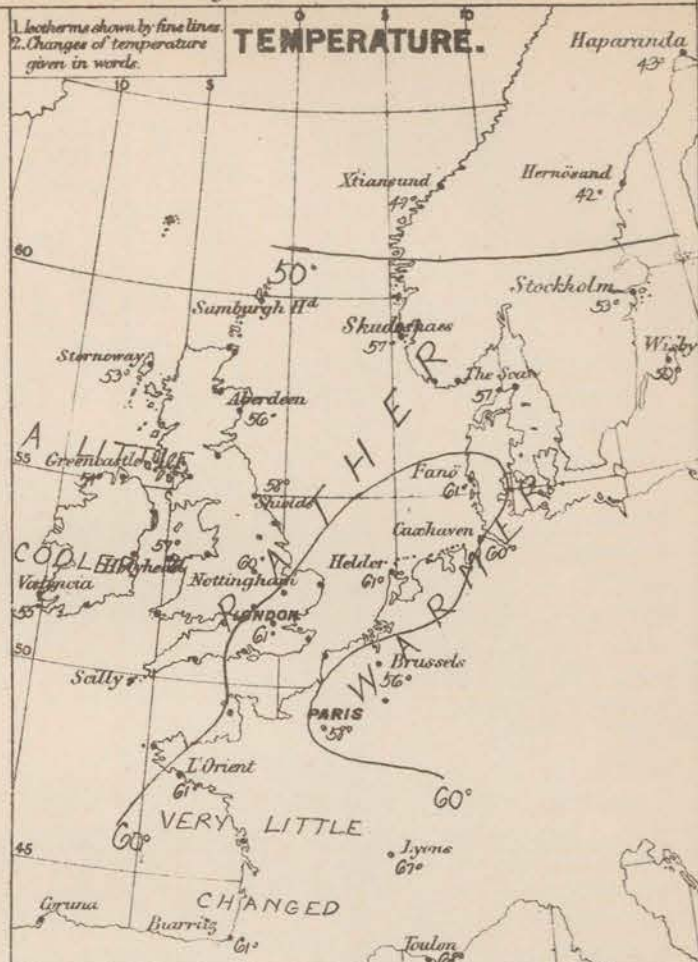
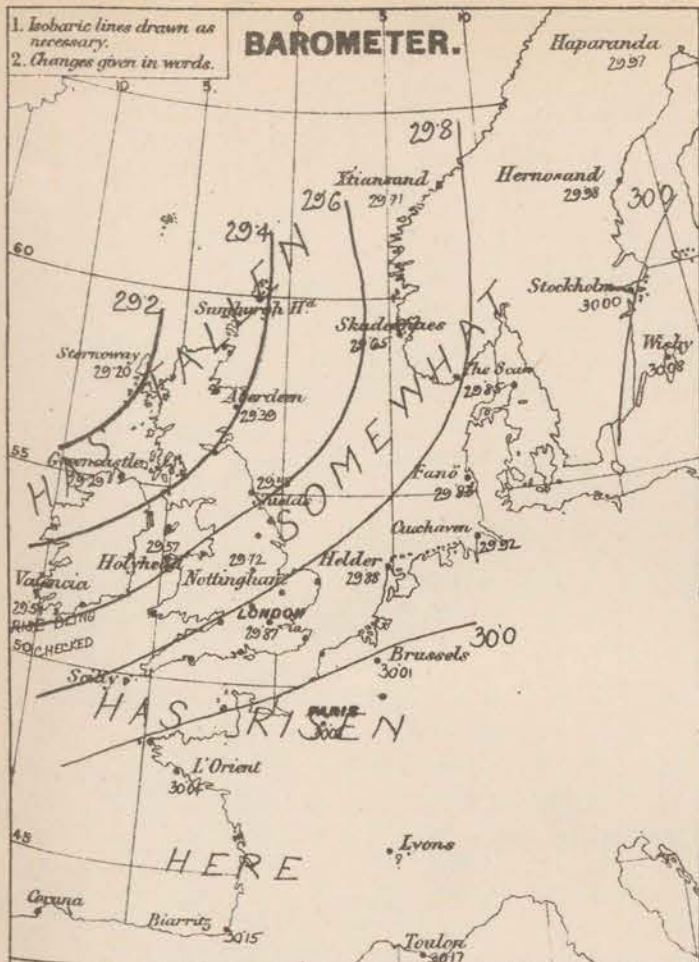
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Wednesday 12th Nov^r 1877.



REMARKS. Weather is in an unsettled condition; it is clear on our east coast and in the north west of France, but is more or less cloudy elsewhere, with mist in many places. Rain is falling at our north western stations, in the Straits of Dover, and at Océ. Rain has fallen over the whole country in amounts varying from 0.9 in. in the north of Ireland to less than 0.1 in. in the extreme north and east. Thunder and lightning occurred on the east coast yesterday. Temperature is almost unchanged; it varies from 53° to 57° over Scotland and Ireland, and from 53° to 62° over England, in London yesterday the thermometer reached 70° in the shade. Wind is W over the Bay of Biscay and south of Ireland, S by S over S. Britain, and S.E. in the west of Norway; in the Irish Sea and the Channel it blows fresh or strongly. Sea is rough in the Channel, as well as off Valencia and Lisbon, but is moderate to slight elsewhere.

Barometrical Indications. Pressure has risen over France and our southern stations, but has fallen greatly in the north, and a deep depression is shown this morning off the north west of Scotland. The barometer is probably now falling again in the south of Ireland and stormy unsettled weather seems to be probable.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEP 13TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.82	48	Z	0	0	29.73	-.24	48	48	+	5	Z	0	0	*	*	*	-
Hernösand ...	29.82	48	SW	2	0	29.69	-.29	50	49	+	8	SW	2	0	*	*	*	-
Stockholm ...	29.90	57	S	4	0	29.79	-.21	52	57	-	1	Z	0	f	*	*	*	-
Wisby ...	29.97	57	S	6	0	29.90	-.18	55	53	+	5	SW	4	be	*	*	*	-
Christiansund ...	29.61	57	ESE	1	be	29.57	-.20	54	48	+	7	ESE	3	be	2	61	50	-
Skudesnaes ...	29.63	56	SSE	6	0	29.54	-.11	53	52	-	4	SSE	8	r	5	57	52	0.28
Oxö (Ktiansand) ...	29.76	57	S	4	0	29.65	-.15	56	55	+	1	SSW	4	0	3	59	52	-
Skagen (The Sæw) ...	29.82	58	SW	3	0	29.71	-.14	55	54	-	2	WSW	4	0	4	66	52	0.16
Fanö ...	29.85	59	SSW	4	be	29.82	-.01	62	57	+	7	WSW	6	0	*	64	55	0.16
Cuxhaven ...	29.97	57	SW	3	0	29.95	+.03	60	58	0	WSW	5	0	*	66	54	0.01	
Sumburgh Head ...	29.29	54	SE	6	0	29.44	+.05	52	57	-	2	WSW	2	0	3	57	47	0.20
Stornoway ...	29.19	57	SSW	4	be	29.40	+.20	52	57	-	1	SW	2	0	4	58	41	0.11
Thurso ...	29.22	53	Z	0	be	29.46	+.18	53	53	-	2	SW	2	p	1	63	45	0.03
Wick ...	29.25	55	SW	3	0	29.49	+.19	54	52	-	1	SW	2	0	1	60	42	-
Nairn ...	29.31	50	SW	1	be	29.52	+.24	54	57	-	2	SW	3	0	1	61	47	0.07
Aberdeen ...	29.38	52	SW	0	be	29.56	+.17	54	57	-	2	SSW	1	0	2	61	45	0.09
Leith ...	29.39	55	SSW	3	be	29.65	+.25	54	57	-	6	WSW	2	be	*	63	57	0.35
Shields ...	29.52	58	SW	5	be	29.76	+.21	56	53	-	2	SW	3	0	2	63	53	0.10
Scarborough ...	29.63	58	SW	3	be	29.83	+.19	54	52	-	4	SW	2	0	2	63	52	0.01
York ...	29.65	55	SW	5	be	29.89	+.25	54	52	-	3	S	1	0	3	64	57	0.05
Nottingham ...	29.75	58	SSW	3	0	29.91	+.19	55	54	-	5	SSW	3	0	*	66	48	0.06
Ardrossan ...	29.39	57	SW	6	r	29.65	+.27	55	53	-	2	SSW	3	0	3	60	55	0.41
Greencastle ...	29.34	55	W	4	r	29.57	+.28	53	52	-	1	S	2	0	*	58	50	0.32
Donaghadee ...	29.45	56	W	6	0	29.67	+.25	52	52	-	1	SW	4	0	3	59	50	0.06
Kingstown ...	29.57	59	W	6	be	29.69	+.19	58	55	+	1	S	3	0	4	61	54	0.08
Holyhead ...	29.64	57	SW	4	be	29.79	+.22	58	57	+	1	SSW	4	r	3	61	54	0.42
Liverpool (Bidston) ...	29.64	57	SW	6	be	29.81	+.19	57	54	-	1	SSE	1	0	2	62	54	-
Valencia ...	29.74	58	WSW	4	0	29.60	+.06	60	59	+	5	SSW	7	tu	7	62	54	0.45
Roche's Point ...	29.74	58	W	5	be	29.70	+.11	59	58	+	4	SW	6	r	5	61	52	0.41
Pembroke ...	29.78	59	WSW	7	be	29.86	+.16	58	57	-	1	SSW	7	r	4	61	57	0.12
Portishead ...	29.82	60	S	6	r	29.95	+.15	58	56	+	1	SSE	5	0	4	65	57	0.18
Scilly ...	29.90	60	SW	5	0	30.00	+.15	59	59	0	SSW	4	0	*	64	58	0.16	
Plymouth ...	29.90	62	WSW	5	0	30.02	+.09	62	61	0	WSW	4	0	4	62	58	0.08	
Hurst Castle ...	29.95	62	SW	6	0	30.05	+.13	61	59	0	WSW	4	0	4	64	58	0.02	
Dover ...	29.83	60	WSW	3	0	30.00	+.13	59	58	-	2	SW	2	0	*	70	53	0.01
London ...	*	*	*	*	*	29.98	+.17	59	56	0	SW	2	0	*	66	52	0.15	
Oxford ...	*	*	*	*	*	29.98	+.17	59	55	0	SW	1	0	*	68	57	0.04	
Cambridge ...	29.83	62	SW	5	0	29.96	+.15	56	54	-	5	WSW	4	0	3	66	52	0.01
Yarmouth ...	29.83	62	SW	5	0	29.96	+.15	56	54	-	5	WSW	4	0	3	66	52	0.01
The Helder ...	*	*	*	*	*	29.96	+.08	61	57	0	SW	0	0	*	*	*	-	
Cape Gris Nez ...	29.96	61	SW	6	0	30.09	+.16	61	59	0	WSW	6	0	5	64	55	0.04	
Jersey ...	30.04	61	SW	6	be	30.12	+.14	60	59	0	SW	6	0	5	68	58	0.02	
Brest ...	30.12	61	WSW	4	m	30.17	+.14	61	59	+	2	SW	4	m	5	63	57	-
L'Orient ...	30.12	61	W	4	be	30.20	+.16	61	59	0	WSW	4	0	4	70	57	-	
Rochefort ...	30.16	70	WN	4	be	30.25	+.12	60	60	-	3	WSW	2	0	3	73	55	-
Biarritz ...	30.18	70	NNE	3	0	30.25	+.10	63	60	+	2	NE	3	0	5	75	57	-
Corunna ...	*	*	*	*	*	30.27	+.09	55	*	-	0	NE	3	0	*	*	*	*
Brussels ...	*	*	*	*	*	30.09	+.08	57	*	+	1	SW	6	0	*	*	*	-
Charleville ...	*	*	*	*	*	30.15	+.11	55	*	+	1	SSE	3	0	*	*	*	*
Paris ...	30.08	66	SW	3	be	30.21	+.13	58	55	0	SW	3	0	*	*	*	-	
Lyons ...	*	*	*	*	*	30.25	?	66	*	-	1	W	4	0	*	*	*	*
Toulon ...	30.14	68	WN	3	0	30.15	-.02	70	61	+	2	Z	2	m	2	77	61	-

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.64	56	55	SE	6	r	4	Valencia	29.62	? 59	55	WSW	6	fog	6
Thurso	29.22	58	52	SW	3	c	2	Scilly							
Scarborough ...	29.62	63	57	SSW	5	0	4	London	29.88	65	58	SW	5	cof.	*
Greencastle ...	29.30	55	57	W	4	r	*	Rocheport ...	30.16	70	63	WNW	3	bc	2
Holyhead	29.58	60	57	SW	6	dp	5								

Weather is cloudy, squally, and showery generally. Winds has increased somewhat in most places and blow a fresh gale at St. Ann's Heads. Pressure is rising briskly at Valencia, not changing much elsewhere.

EXPLANATION OF COLUMNS.

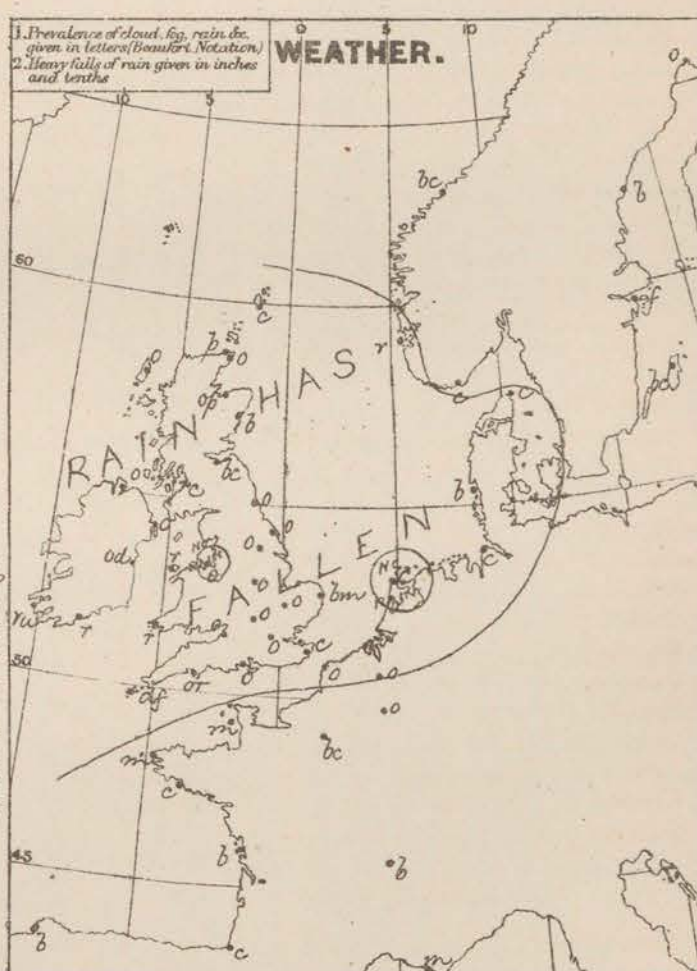
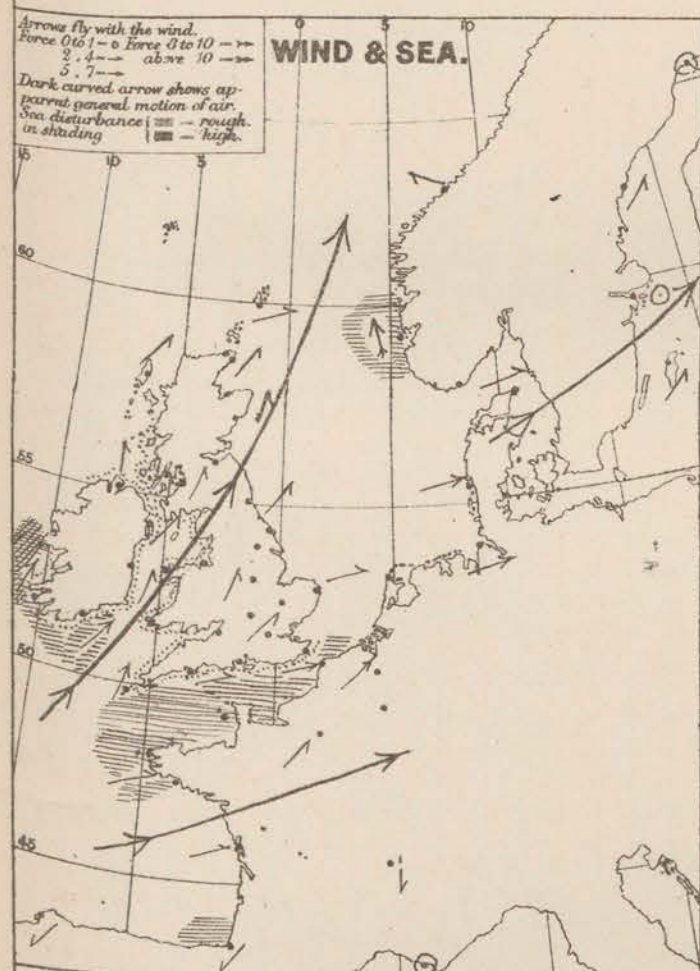
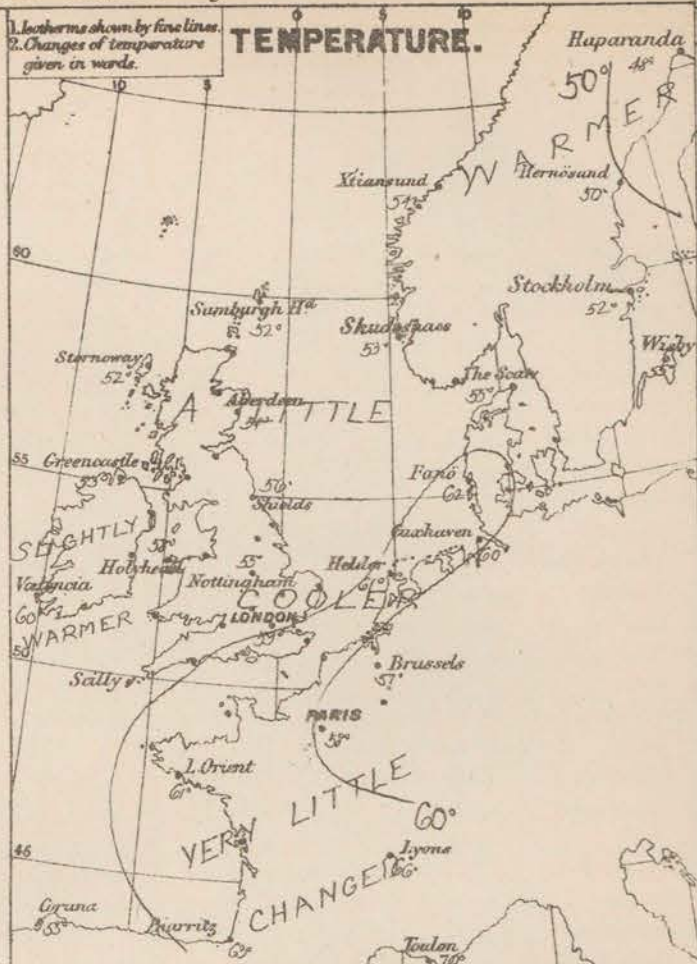
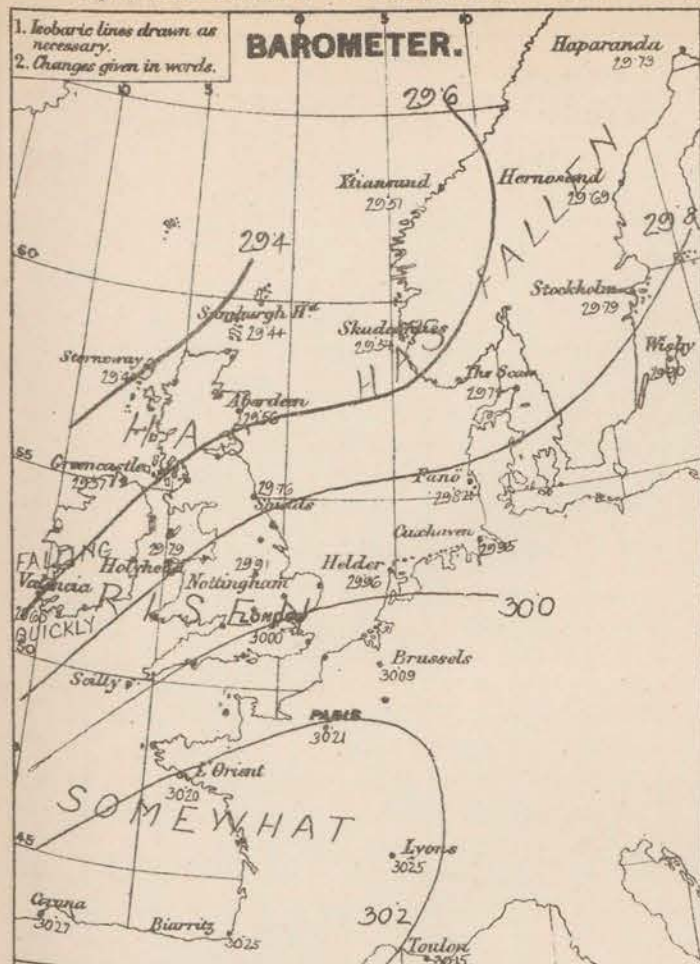
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning. m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

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

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (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 13TH SEPT^R 1877.



ride A dotted line is drawn round those cards which have been named this morning.

REMARKS. Weather is unsettled generally. Sky is moderately clear at a few of our eastern stations, but is dull or very cloudy elsewhere, with fog at Falmouth, and a very threatening appearance at Valentia. Rain is falling heavily at the south western stations, and showers are reported from the north of Scotland. Rain fell yesterday in all parts of the country, but the amounts are not large. Temperature has decreased somewhat at our eastern and north eastern stations, but is unchanged elsewhere; it varies from 52° to 55° over Scotland, from 52° to 60° over Ireland and from 54° to 62° over England: in London yesterday the thermometer again reached 70° in the shade. Wind has backed to S.W. or S. on all but our south east coasts and in the south west it already blows strongly or with the force of a moderate gale. Sea is high off the west coast of Ireland, rough in the Channel, moderate to slight elsewhere.

Barometrical Indications The barometer, after rising over the whole of this country and France during yesterday, is now falling briskly in the south west and gradients have become very steep. In Scandinavia the barometer still falls under the influence of yesterday's disturbance. Finnings sailed to our west and south 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 14TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRE.		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 ...	29.81	37	N	2	bc	29.91	+ .18	32	30	- .16	Z	0	bc	*	*	*	-	
Hernösand ...	29.66	53	Z	0	o	29.77	+ .08	50	50	0	NE	4	o	*	*	*	-	
Stockholm ...	29.68	52	Z	0	bc	29.71	- .08	57	49	- .1	WSW	2	o	*	*	*	-	
Wisby ...	29.74	55	SW	6	o	29.80	- .10	53	52	- .2	NNW	5	bc	*	*	*	-	
Christiansund ...	29.62	52	E	1	c	29.57	00	57	47	- .3	E	3	bc	2	57	48	-	
Skudesnaes ...	29.69	55	SSE	2	bc	29.41	- .13	55	54	+ .2	SE	6	ff	4	55	54	0.28	
Oxö (Xtiansand) ...	29.76	55	SW	4	o	29.50	- .09	57	56	+ .1	SE	4	bc	2	57	52	-	
Skagen (The Scaw) ...	29.80	55	N	4	bc	29.65	- .06	56	55	+ .1	SSW	5	bc	5	61	50	0.24	
Fanö ...	29.87	59	SW	4	bc	29.69	- .13	59	57	- .3	WSW	6	bc	*	63	57	0.39	
Cuxhaven ...	30.02	61	WSW	4	bc	29.86	- .09	60	59	0	SW	4	bc	*	63	57	0.26	
Sumburgh Head ...	29.48	52	S	2	bc	29.20	- .24	54	54	+ .2	Z	0	bc	2	57	53	0.56	
Stornoway ...	29.31	53	E	1	bc	29.25	- .15	54	54	+ .2	NNW	5	bc	4	57	50	0.36	
Thurso ...	29.40	54	SSE	2	bc	29.20	- .16	57	57	+ .4	SSW	1	bc	1	61	53	0.17	
Wick ...	29.35	54	SSE	4	bc	29.21	- .18	57	56	+ .3	SW	1	bc	2	60	52	0.23	
Nairn ...	29.37	53	SW	1	bc	29.23	- .19	57	55	+ .3	SW	1	o	1	60	53	0.20	
Aberdeen ...	29.44	53	S	3	bc	29.25	- .31	59	57	+ .5	SSW	3	bc	1	60	53	0.28	
Leith ...	29.41	63	SW	3	bc	29.40	- .25	57	55	+ .3	NNW	6	bc	*	65	54	0.18	
Shields ...	29.57	60	SW	4	o	29.54	- .22	59	59	+ .3	N	6	o	2	62	56	0.25	
Scarborough ...	29.67	61	SW	4	o	29.65	- .18	58	55	+ .4	WSW	5	o	*	62	54	0.20	
York ...	29.69	62	SW	5	o	29.67	- .22	59	55	+ .5	WSW	7	o	*	64	52	0.06	
Nottingham ...	29.81	62	SSW	5	o	29.82	- .09	60	56	+ .5	NNW	3	bc	*	63	54	0.02	
Ardrossan ...	29.42	59	SSW	4	bc	29.55	- .10	58	53	+ .3	NNW	7	bc	7	59	55	0.42	
Greencastle ...	29.35	60	SW	3	o	29.63	+ .06	56	53	+ .3	NNW	3	o	*	60	52	0.47	
Donaghadee ...	29.47	59	SW	5	o	29.69	+ .02	56	54	+ .4	N	5	bc	4	62	52	0.20	
Kingstown ...	29.57	63	S	3	o	29.81	+ .12	57	53	- .1	N	4	bc	3	?	55	0.04	
Holyhead ...	29.54	59	SW	7	bc	29.81	+ .02	57	55	- .1	WSW	4	bc	3	60	56	0.45	
Liverpool (Bidston) ...	29.68	60	SSW	5	bc	29.77	- .04	59	54	+ .2	N	7	bc	4	64	56	0.26	
Valencia ...	29.52	61	SW	9	o	29.87	+ .27	57	55	- .3	N	1	om	2	63	57	0.10	
Roche's Point ...	29.69	58	SW	8	o	29.88	+ .18	57	55	- .2	N	1	o	4	62	55	0.62	
Pembroke ...	29.78	60	SW	8	o	29.92	+ .06	59	56	+ .1	N	3	o	4	61	57	0.19	
Portishead ...	29.90	60	SSE	4	bc	29.92	- .03	59	58	+ .1	SW	4	bc	4	62	54	0.26	
Scilly ...	29.95	60	SSW	5	o	29.99	- .01	60	60	+ .1	SSW	2	bc	*	63	59	0.33	
Plymouth ...	30.01	62	SW	4	o	29.98	- .04	62	62	0	WSW	5	o	5	62	59	0.07	
Hurst Castle ...	30.02	62	WSW	6	o	29.98	- .07	62	60	+ .1	WSW	6	bc	5	64	61	-	
Dover ...	30.03	63	SW	6	bc	29.95	- .06	64	61	+ .5	WSW	3	o	*	65	58	0.01	
London ...	*	*	*	*	*	29.91	- .07	61	58	+ .2	WSW	4	o	*	63	59	0.02	
Oxford ...	29.89	61	SW	4	o	29.87	- .11	63	60	+ .6	SW	3	bc	*	65	55	0.04	
Cambridge ...	29.91	61	SW	5	bc	29.88	- .13	64	60	+ .8	WSW	6	bc	3	65	55	0.01	
Yarmouth ...	*	*	*	*	*	29.84	- .12	62	60	+ .1	SSW	5	bc	*	*	*	0.20	
The Helder ...	30.05	63	WSW	6	bc	30.00	- .09	63	61	+ .2	SW	6	o	5	64	59	-	
Cape Gris Nez ...	30.12	63	SW	6	bc	30.10	- .02	62	60	+ .2	SW	6	bc	5	66	59	-	
Brest ...	30.20	72	SW	4	bc	30.17	00	61	59	0	SW	4	o	5	?	59	-	
L'Orient ...	30.19	63	SW	3	bc	30.19	- .01	63	61	+ .2	WSW	3	bc	3	?	57	-	
Rochefort ...	30.23	68	NN	3	bc	30.20	- .02	61	59	- .2	ESE	3	bc	3	75	57	-	
Biarritz ...	30.17	72	NNE	3	bc	30.19	- .06	64	59	+ .1	Z	0	bc	4	74	61	-	
Corunna ...	*	*	*	*	*	30.05	- .04	58	*	+ .1	SW	6	o	*	*	*	*	
Brussels ...	*	*	*	*	*	30.13	- .02	56	*	+ .1	SW	3	bc	*	*	*	*	
Charleville ...	30.18	64	SW	3	bc	30.19	- .02	57	*	- .1	S	2	bc	*	*	*	-	
Paris ...	*	*	*	*	*	30.16	+ .01	64	*	- .2	N	2	bc	*	*	*	*	
Lyons ...	30.10	75	NN	4	bc	30.22	+ .07	68	63	- .2	E	3	bc	3	79	70	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.67	55	53	WSW	4	c	5	Valencia	29.57	61	60	SSW	9	o	4
Thurso	29.48	59	54	SW	1	c	1	Scilly							
Scarborough ...	29.74	60	58	SW	4	bc	3	London	30.01	63	59	SW	4	o	*
Greencastle ...	29.38	59	59	N	2	o	*	Rochefort ...	30.24	73	66	N	1	bc	3
Holyhead	29.68	60	59	SW	7	m	6								

Weather is dull except in the west of France, with rain at Valencia and Scarborough. Wind has increased to a fresh gale at Pembroke and a hard gale at Valencia. Pressure has given way quickly in the N. of Ireland, and a fresh fall seems to have commenced at Valencia. Warnings extended to our coast and North coast.

EXPLANATION OF COLUMNS.

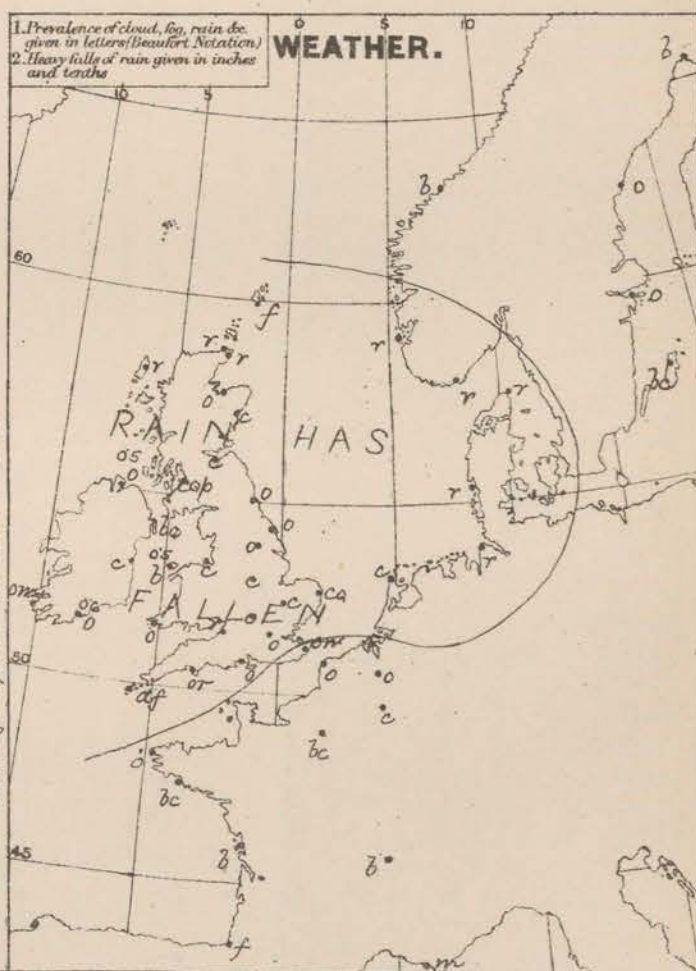
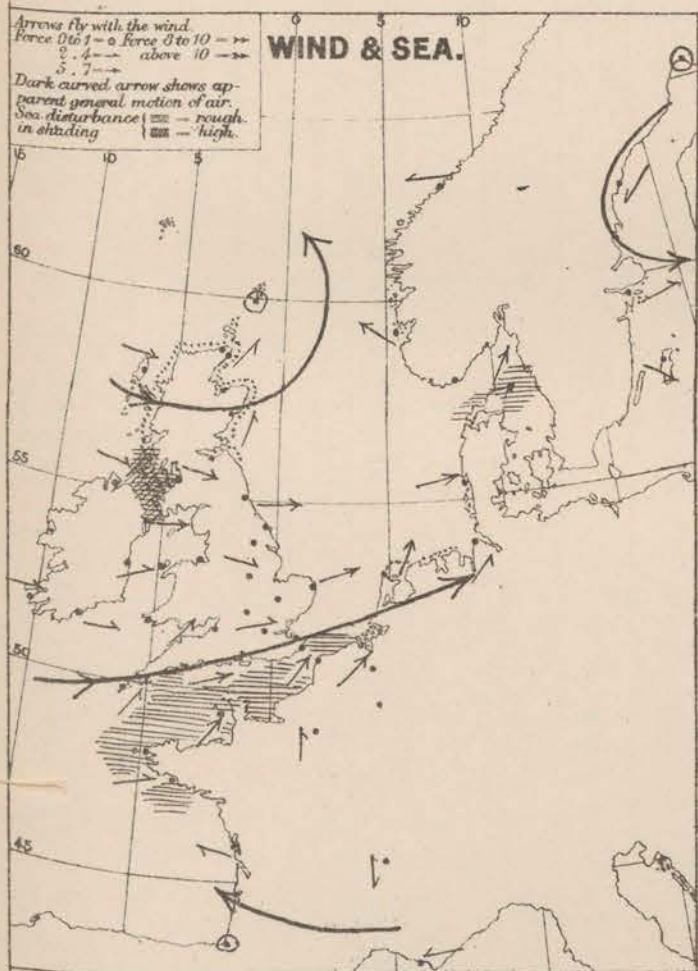
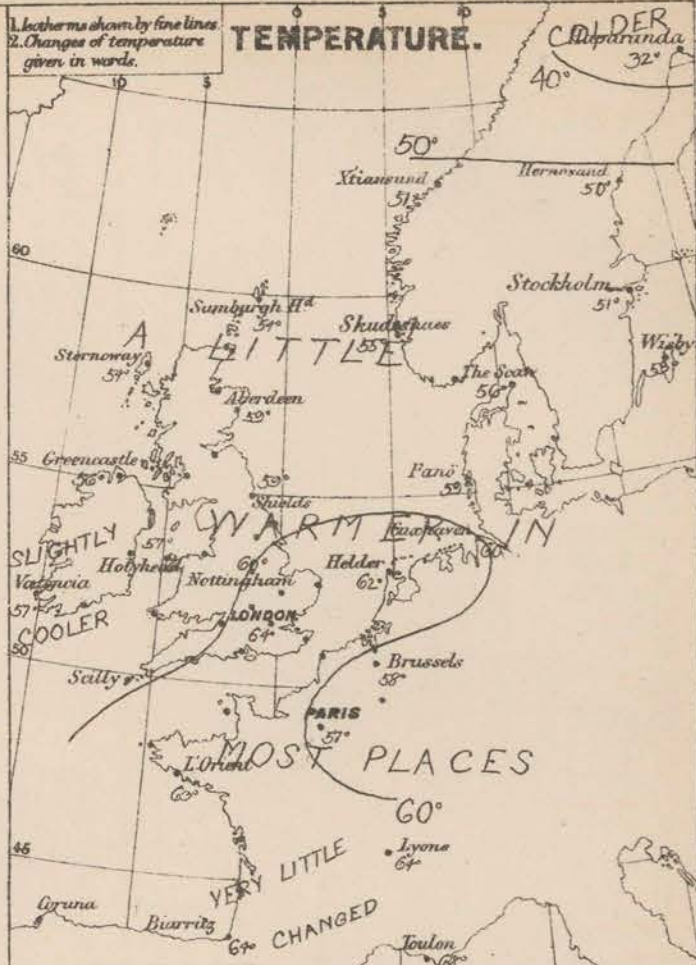
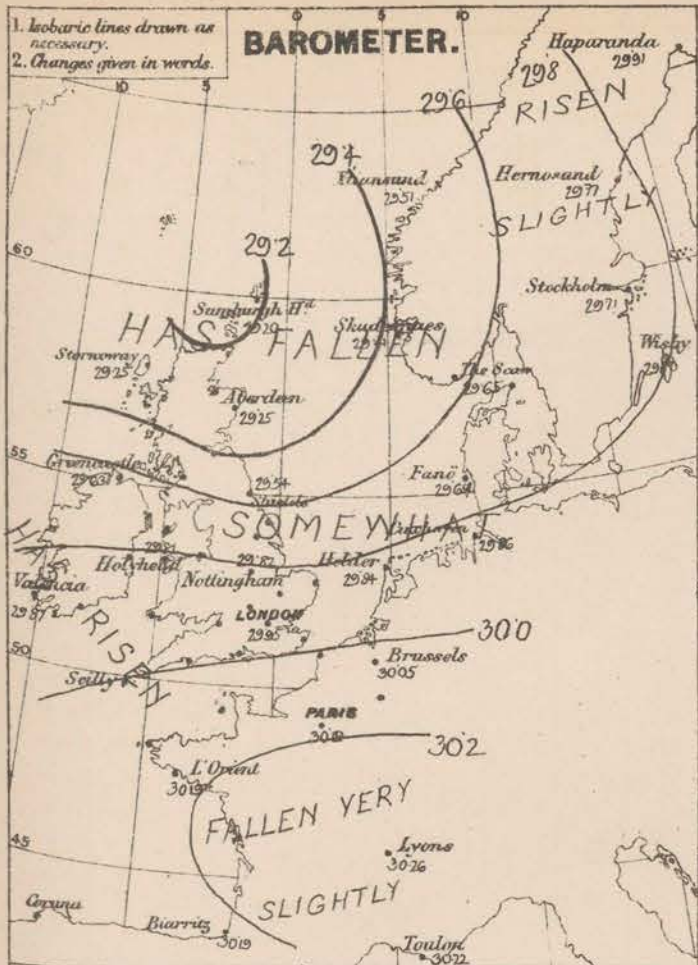
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

WEATHER CHARTS for 8 a.m. on Friday 14TH SEPT^R 1877.



REMARKS. Weather dull at all but the southern French stations, with fog at Falmouth, mist at Valentia and heavy squalls at Arracan and Yarmouth. Rain is now falling in the north and west of Scotland, at the entrance to the Channel, and over Denmark and North Germany; it has fallen during the past 24 hours over the whole country, but the amounts have not been large except at Roches Pt where 0.6 in. is reported. Temperature has increased slightly except in the south of Ireland and over France; it rises from 50° in the north of Scotland to 60° in the south of England, over the latter country it is very uniform; in London yesterday the thermometer only reached 65° in the shade. Fog is thin in most of our coasts but drives into Strö over the North Sea; it blows strongly in the north west, northeast and east, but is generally moderate to light elsewhere; during yesterday and last night it rose to a moderate or hard gale over Ireland and England. Sea is high at the mouth of the Clyde, rough in the Channel, moderate to calm on other parts of the coast.

Barometrical Indications. Pressure is still going up in the north and east but is rising elsewhere—quickly in the west. A large depression lies to the N.W. of Scotland, while the highest readings are found over France.

The Harming signals which were hoisted in the west and south yesterday morning were continued to the north and east coasts in the afternoon; they have, however, been lowered this morning on all but our north coasts.

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

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

R. H. SCOTT.
Secretary.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEPT 15TH

1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 2.)	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 ...	29.91	32	Z	0	f	29.93	+ .02	31	29	- 1	Z	0	f	*	*	*	-		
Hernösand ...	29.79	49	NE	2	o	29.78	+ .01	47	46	- 3	NE	4	o	*	*	*	-		
Stockholm ...	29.65	53	SSE	2	o	29.55	- .10	57	57	0	NNE	6	f	*	*	*	0.32		
Wisby ...	29.73	56	S	4	f	29.52	- .21	54	54	+ 1	S	6	o	*	*	*	0.47		
Christiansund ...	29.38	55	Z	0	a	29.48	- .10	54	57	+ 3	SSW	1	o	1	63	52	-		
Skudeanaes ...	29.41	55	SW	4	f	29.55	+ .14	54	52	- 1	N	4	f	4	?	?	0.32		
Oxö (Xtiansand) ...	29.48	55	SSW	6	o	29.56	.00	56	55	- 1	N	4	o	4	59	52	-		
Skagen (The Sæw) ...	29.55	55	N	6	f	29.58	- .07	56	55	0	NN	6	o	6	59	50	0.32		
Fanö ...	29.75	59	WSW	6	fo	29.74	+ .05	60	56	+ 1	WSW	4	fo	*	63	55	0.12		
Cuxhaven ...	29.88	54	N	5	o	29.83	- .05	60	59	0	SSW	2	f	*	63	57	0.13		
Sumburgh Head ...	29.56	53	NNN	0	m	29.67	+ .11	52	57	- 2	NNN	5	o	4	59	50	0.03		
Stornoway ...	29.65	54	NNN	5	fo	29.88	+ .23	54	52	0	NN	1	fo	3	59	50	0.17		
Thurso ...	29.57	53	NNN	5	o	29.79	+ .22	53	52	- 4	NNN	4	o	4	60	50	0.16		
Wick ...	29.58	54	N	7	o	29.79	+ .21	53	52	- 4	NN	4	o	2	60	49	0.06		
Nairn ...	29.61	56	WSW	3	fo	29.73	+ .12	53	50	- 4	WSW	3	o	2	60	57	0.02		
Aberdeen ...	29.61	60	NNN	4	fo	29.78	+ .17	54	57	- 5	NNN	4	fo	1	65	48	-		
Leith ...	29.69	58	NNN	4	fo	29.74	+ .05	57	53	- 4	NNN	1	fo	*	64	49	-		
Shields ...	29.80	59	N	4	c	29.81	+ .01	54	57	- 5	N	2	o	2	63	53	*		
Scarborough ...	29.85	57	WSW	1	o	29.78	+ .07	53	53	- 5	N	3	f	3	61	52	1.12		
York ...	29.89	58	SW	2	o	29.77	+ .12	52	52	- 7	NNN	2	f	4	65	50	1.11		
Nottingham ...	29.91	62	NNN	2	o	29.74	- .17	56	54	- 4	NN	3	f	*	70	54	0.41		
Ardrossan ...	29.77	58	N	3	fo	29.89	+ .12	54	57	- 4	NNN	2	f	2	60	57	0.02		
Greencastle ...	29.79	56	NN	2	fo	29.96	+ .17	56	54	0	NNN	1	o	*	61	49	0.02		
Donaghadee ...	29.82	57	WSW	4	fo	29.93	+ .11	54	54	- 2	NNN	5	fo	4	61	52	0.05		
Kingstown ...	29.86	57	SSE	1	o	29.98	+ .12	54	52	- 3	NNN	5	fo	4	58	52	0.55		
Holyhead ...	29.87	55	WSW	1	m	29.91	+ .04	56	54	- 1	NNN	6	c	5	59	54	1.78		
Liverpool (Bidston) ...	29.89	55	N	1	f	29.94	+ .05	54	54	- 5	NNN	3	c	2	60	52	0.80		
Valencia ...	29.71	56	NNE	1	f	30.12	+ .41	58	56	+ 1	NNN	1	fo	2	58	56	1.14		
Roche's Point... ..	29.74	56	SW	5	f	30.07	+ .33	55	52	- 2	NN	4	fo	4	59	52	0.70		
Pembroke ...	29.86	60	SW	4	o	29.96	+ .10	56	54	- 3	NN	4	c	3	60	55	0.57		
Portishead ...	29.94	60	SW	5	o	29.87	- .07	59	58	0	WSW	6	o	5	63	56	0.36		
Scilly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plymouth ...	30.00	60	SW	4	o	29.95	- .05	58	57	- 2	WSW	3	o	*	62	56	0.13		
Hurst Castle ...	30.00	62	WSW	4	o	29.85	- .15	62	60	0	NNN	6	c	6	62	60	0.12		
Dover ...	30.03	62	WSW	5	o	29.84	- .19	61	60	- 1	WSW	6	omdp	5	63	61	0.01		
London ...	29.99	65	SW	3	o	29.80	- .19	62	60	- 2	WSW	3	gpc	*	66	59	0.04		
Oxford ...	*	*	*	*	*	29.79	- .20	59	56	- 2	N	4	od	*	67	59	0.11		
Cambridge ...	29.95	61	SW	1	o	29.74	- .21	62	61	- 1	SW	2	o	*	69	58	0.10		
Yarmouth ...	29.94	63	WSW	2	f	29.75	- .19	62	60	- 2	SW	3	c	3	68	59	0.10		
The Helder ...	*	*	*	*	*	29.80	- .14	62	61	0	SW	2	o	*	*	*	0.12		
Cape Gris Nez ...	30.06	63	WSW	6	o	29.89	- .17	61	61	- 2	SW	5	f	5	64	55	-		
Jersey ...	30.11	63	WSW	4	o	30.01	- .10	61	61	- 1	WSW	6	om	5	69	59	0.02		
Brest ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
L'Orient ...	30.17	63	WSW	2	fo	30.11	- .06	61	61	- 2	WSW	4	m	3	70	57	-		
Rocheport ...	30.17	72	NN	3	fo	30.14	- .03	64	63	+ 3	NN	2	fo	3	57	55	-		
Biarritz ...	30.12	73	N	1	fo	30.16	- .04	63	63	- 1	ENE	1	f	4	75	61	-		
Corunna ...	*	*	*	*	*	...	...	...	...	...	...	...	...	...	*	*	*
Brussels ...	*	*	*	*	*	29.95	- .10	58	*	0	SW	6	o	*	*	*	-		
Charleville ...	*	*	*	*	*	29.99	- .14	53	*	- 3	ESE	3	o	*	*	*	*		
Paris ...	30.14	66	SW	1	fo	30.05	- .09	59	*	+ 2	S	2	fo	*	*	*	-		
Lyons ...	*	*	*	*	*	30.10	- .16	64	*	0	SE	2	fo	*	*	*	*		
Toulon ...	30.21	70	Z	0	fo	30.16	- .05	70	61	+ 2	N	1	m	0	77	63	-		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...	29.38	56	55	SSE	4	f	Valencia ...	29.82	56	55	SE	1	f	2
Thurso	29.40	53	53	N N N	6	fy	Seilly							
Scarborough ...	29.81	60	55	N	3	o	London	29.99	65	64	N S N	3	od	*
Greencastle ...	29.76	60	55	N N N	3	o	Rocheport ...	30.17	81	68	SE	1	f	3
Holyhead	29.89	58	57	N S N	3	d								

Weather is dull everywhere with rain at Valencia, Thurso, Holyhead, and London. Wind has backed to SE. in the South of Ireland. Barometer is falling again in SW. but is rising briskly in the N. and NE.

EXPLANATION OF COLUMNS.

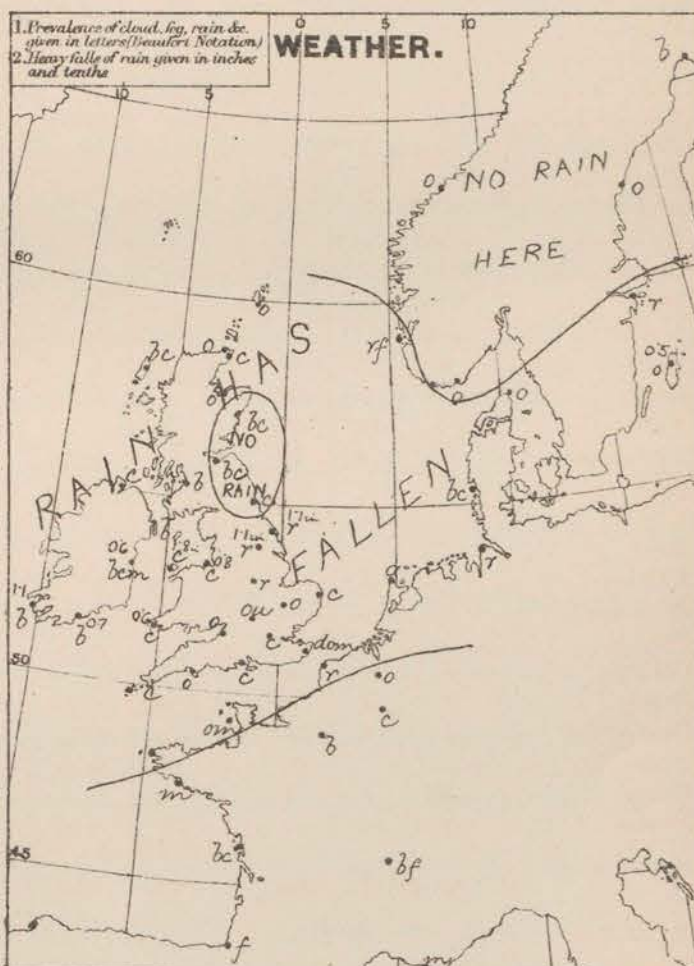
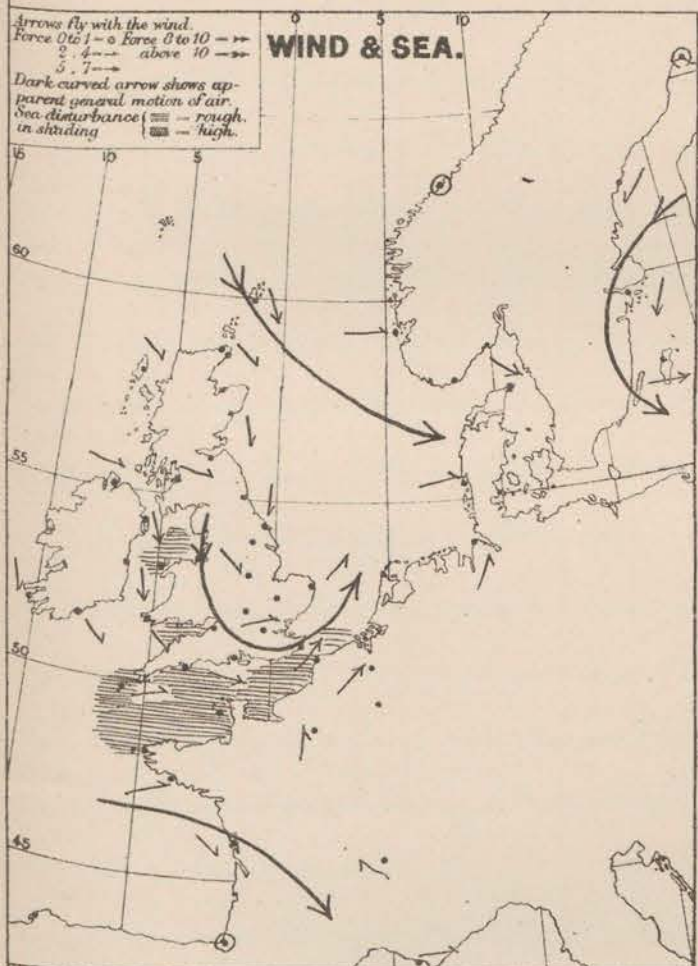
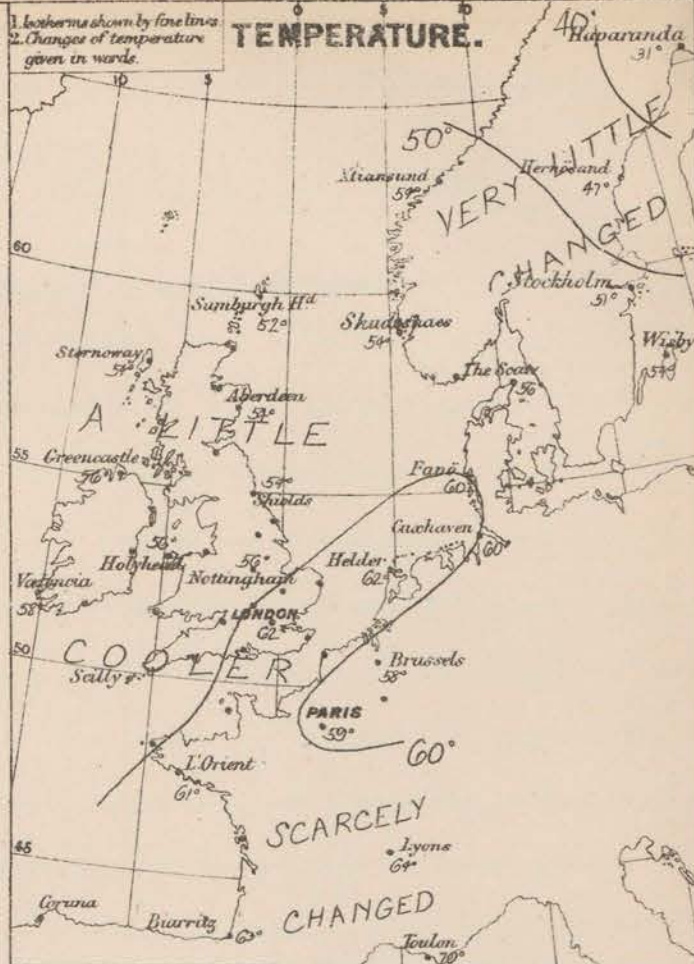
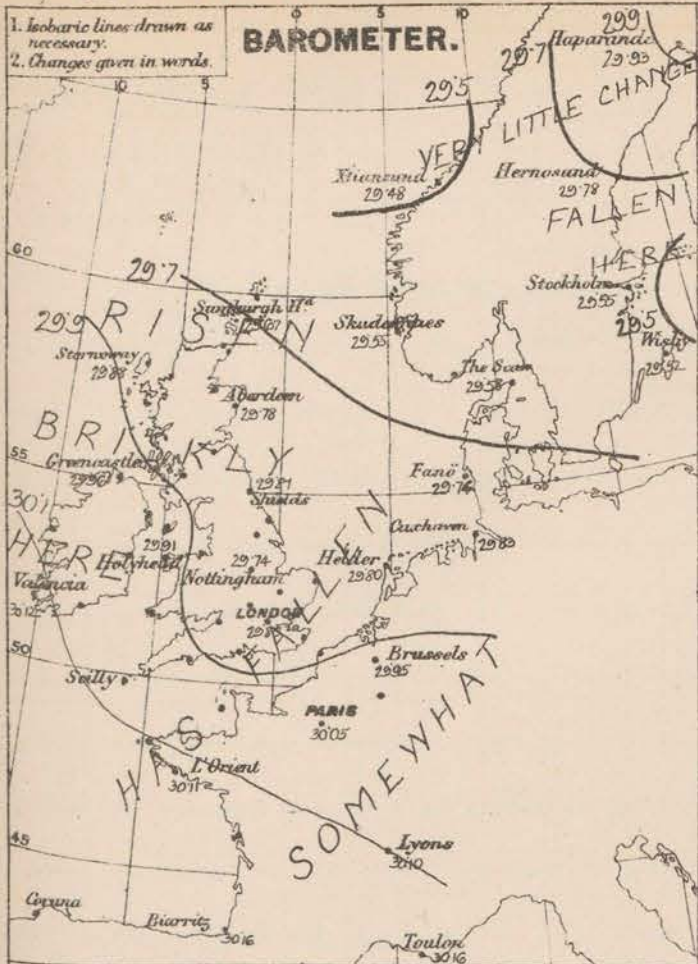
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 15TH SEPT^R 1877.*



REMARKS. Weather is now fine at our western and northern stations, but dull, squally and showery in the south and east, as well as in Norway. More than an inch of rain has fallen in the north of England, as well as in the south of Ireland; the fall in the latter region having been accompanied by thunder and lightning. Temperature has decreased very generally, and is about 54° in the northern parts of S. Prussia, 55° to 58° in the south west, and 62° in the south east. The maximum values for yesterday varied from 60° in Ireland to 68° or 69° in the south east of England, and 81° at Rochfort. Wind is moderate to fresh from the NW^W in Ireland and Scotland, strong and squally from the W^W in the Channel, and moderate to fresh from SW over our south eastern counties and the Netherlands. In Norway and Denmark it is W^W. Sea is rough in the south, moderate in the west, slight in the east.

Barometrical Indications. The large depression noticed yesterday, has reached the Baltic, and the barometer has risen fast in the north. A small secondary disturbance has, however, travelled across the south of England during the night, and now lies over Lincolnshire. The barometer is rising quickly in Ireland and the rise is spreading E^W.

The warning signals in Scotland were lowered last night.

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

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

R. H. SCOTT.
Secret.

Secretary

SUMMARY OF WEATHER IN WESTERN EUROPE

from SEPT^r 9th to SEPT^r 15th 1877.

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

On the 9th, pressure was highest in the N. and easterly breezes with fair dry weather prevailed generally, but on the next day a fall of the barometer which had commenced on the previous afternoon in the south-west, had spread to all parts of our Islands, while in France the mercury had risen. As the barometer continued to give way all over the United Kingdom - most in the North and West - the highest pressures were established over France, and a rather deep depression passed north-eastward along our coasts on the 12th giving us strong S.W. winds. In the afternoon of that day the barometer rose slightly generally, but the next morning a fresh decrease had commenced in the S.W. and during the next 24 hours, another deep disturbance passed north-eastward along our Western coasts, the south-westerly wind as it approached, and the north-westerly wind as it travelled away to the north-eastward, respectively increasing to the force of a fresh gale on many parts of our coasts. During the night of Friday, the 14th, a small subsidiary depression passed across England, in the rear of which the barometer rose steadily, and moderately fine weather appeared. Temperature rose somewhat during the early part of the week, but became more unsteady towards its close. After the first two days the weather became generally very wet, the amount of rain in the North of England and south-west of Ireland on the night of the 14th being particularly heavy.

SEPT^r 9th Pressure remained as at the close of last week, high over the North Sea, and relatively low both over the West of France, and North of Scandinavia. It was rising slightly except in Ireland. Wind was fresh or strong from north-west at the Norwegian and Swedish stations, while calms prevailed in Scotland, but in all other places the wind was easterly, and at our north-western stations as well as at Dover was strong in force. Temperature had fallen in the West of France, but had risen slightly elsewhere; it varied from 45° in the north of Scotland to 59° at Dover, and 68° in the south of France. The sky was overcast in France, and over the southern parts of England and Ireland, clear elsewhere, particularly in Scotland. The weather had been dry. During the day the decrease of pressure which had commenced in the west, spread slowly over the whole country. The weather, however, remained fine except in Ireland.

SEPT^r 10th Pressure was falling at all but the Swedish and Danish stations, most in the south-west; it was comparatively high and very uniform over the North Sea and North Germany, but slight gradients for southerly winds had been formed in the west. The wind was very light on both shores of the North Sea but a fresh or strong S.E. breeze was blowing at Pembroke and over Ireland. Temperature had fallen slightly over France, but had risen somewhat on our coasts, while in Scandinavia it was scarcely changed. It now varied from 48° in the N. of Scotland, to 61° at Dover. The weather was very fine on the E. shores of the North Sea, as well as in the S. of France and at one or two of our more E. stations, but was dull in most other places with rain at Hook Point. During the day the barometer still fell generally, and fresh S.W. winds continued in the West.

SEPT 11th The barometer was falling over the whole of the British Isles and their immediate neighbourhoods - most in the NW. Readings were still uniform over Norway, Sweden and Denmark, but moderate gradients for southerly winds prevailed on all our coasts. S^{ly} to SSE^{ly} breezes were consequently felt over the whole of these Islands, and the greater part of France; in the E. and N. they were moderate or light in force, but in the W. they were fresh; in Sweden and Norway calms prevailed. Temperature had increased except in the N. of Norway; it varied from 54° to 64° over these Islands, and reached 70° in the S. of France. Weather was moderately clear in the S. of Ireland and in France, but was generally dull elsewhere, with rain in the SW. Later Reports showed that the barometer had risen briskly over France, but fallen over the British Isles and a large depression was shown off our NW. coast.

SEPT 12th Pressure was decreasing quickly over Scotland, and on the EW shores of the North Sea, but rising in most other places; the centre of disturbance, (within which readings were as low as 29.20 ins.) lay off the NW. coast of Scotland, while the highest pressures were shown over the S. of France. Gradient was steep, and the wind was westerly in France, SW. over Ireland and England, and S^{ly} in Scotland, it being strong in force in the W. and S. Temperature was almost unchanged, varying from 54° to 62° over these Islands. Weather was clear or nearly so at our EW. and at some of the SW. stations, but was very cloudy elsewhere with rain at Roker Point, Holyhead, and in the Straits of Dover. Rain had been general over the country. Later in the day pressure still rose except in the extreme N. and the wind which had veered to N. over Ireland, continued strong.

SEPT 13th Pressure had begun to fall briskly in the S. of Ireland since 4 am, and a new depression was advancing on that coast; in other parts of these Islands the mercury still rose, while in Scandinavia it continued to decrease under the influence of the former depression. The wind had backed to the S^{ly} on all but our SE. coasts, and in the SW. blew strongly. Temperature had fallen somewhat at many of our EW. and NW. stations, but had risen in the S. of Ireland; elsewhere it was unchanged. Weather was dull generally with rain at all our SW. stations. Rain had again fallen at nearly all stations. In the evening a hard gale was blowing at Valentia, and a fresh or moderate gale at the other NW. stations. The weather was rough generally.

SEPT 14th Pressure was still giving way over Scotland and the North Sea, and the centre of a large depression lay to the NW. of these Islands. It was, however, passing NE^{ly}, and the barometer was rising over France and at our NW. and SW. stations. Gradients were steep. Wind was NW. on our coasts but drew into SW. over the North Sea, and into SE. in the N. of Norway. It was strong on our NW. and NE. coasts, and fresh in most other places. Temperature had decreased somewhat in Ireland and France, but increased slightly elsewhere. Weather was dull except at the SW. French stations. Rain was falling in the N. and W. of Scotland and over Denmark. The disturbance noticed in the morning travelled away NE^{ly} during the day, and the barometer rose briskly except in the SW. where a small subsidiary depression had appeared.

SEPT 15th The small depression from the SW. had passed across England during the night, and at dawn lay over our E. coast, while the large disturbance in the N. had disappeared from our neighbourhood; pressure was increasing except in the SE. and over France the change exceeding half an inch in Scotland. Wind was moderate to fresh from NW. on our N. and W. coasts, fresh from N. in the Channel, and light from SW. in the SE. Temperature was unchanged in France, but had fallen elsewhere. Weather was fine in the N. but more or less cloudy on our other coasts. Very heavy rain had fallen over the N. of England and SW. of Ireland. During the day the barometer continued to rise steadily, and the fine weather from the N. spread slowly over England.

Meteorological Office,

116, Victoria Street, Westminster, S. W.

ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT

SEP^r 16th 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.99	40	Z	0	6	30.12	+ .19	31	29	0	N	4	6	*	*	*	-		
Hernösand ...	29.87	46	E	6	0	29.98	+ .20	46	41	- 1	E	6	0	*	*	*	-		
Stockholm ...	29.65	57	NNE	2	0	29.73	+ .18	57	50	0	ESE	6	0	*	*	*	-		
Wisby ...	29.61	58	NE	4	0	29.66	+ .14	53	52	- 1	E	6	7	*	*	*	0.12		
Christiansund ...	29.58	54	N	?	0	29.70	+ .22	52	57	- 2	N	1	7	1	57	50	-		
Skudesnaes ...	29.65	55	NNW	4	7	29.84	+ .29	52	50	- 2	NNW	6	0	4	55	?	0.04		
Oxö (Xtiansand) ...	29.63	54	NNE	2	0	29.75	+ .19	52	52	- 4	NNW	1	7	1	57	52	-		
Skagen (The Seaw) ...	29.59	54	NNW	4	7	29.69	+ .11	54	53	- 2	ENE	3	0	2	57	50	0.12		
Fanö ...	29.71	54	NNW	6	0	29.79	+ .08	56	54	- 4	NNW	6	7	*	61	?	0.12		
Cuxhaven ...	29.66	54	N	2	7	29.81	- .02	59	58	- 1	NNW	9	7	*	63	55	0.68		
Sumburgh Head ...	29.92	57	NNW	6	0	30.05	+ .38	49	48	- 3	N	5	0	4	54	47	0.02		
Stornoway ...	30.12	53	NW	2	0	30.26	+ .38	54	52	0	NW	1	0	1	57	46	-		
Thurso ...	30.04	52	NW	5	0	30.18	+ .39	53	57	0	NW	5	0	4	58	50	0.05		
Wick ...	30.05	57	N	4	0	30.19	+ .40	53	57	0	NW	6	0	3	58	47	0.05		
Nairn ...	30.09	53	WSW	3	6	30.22	+ .49	53	49	0	NW	5	0	3	59	49	0.01		
Aberdeen ...	30.02	53	NNW	2	6	30.17	+ .39	54	50	0	NNW	3	6	1	60	50	0.04		
Leith ...	30.05	60	N	2	6	30.25	+ .57	52	50	+ 1	WSW	1	6	*	63	47	-		
Shields ...	30.07	57	NNW	2	6	30.26	+ .45	57	48	- 3	NNW	2	6	1	60	45	-		
Scarborough ...	30.05	56	NNW	2	0	30.25	+ .47	56	52	+ 3	NW	2	6	2	58	49	0.02		
York ...	30.09	55	NW	2	6	30.28	+ .57	57	49	- 1	NNW	1	6	*	61	43	0.04		
Nottingham ...	30.13	57	NW	1	6	30.31	+ .57	53	52	- 3	NNW	1	7	*	63	42	0.02		
Ardrossan ...	30.11	58	NNW	5	6	30.28	+ .39	55	52	+ 1	NNW	3	0	2	62	48	-		
Greencastle ...	30.18	55	NNW	2	6	30.32	+ .36	50	50	- 6	NNW	2	0	*	63	43	-		
Donaghadee ...	30.19	56	N	3	6	30.34	+ .41	57	57	- 3	N	3	6	2	60	47	-		
Kingstown ...	30.22	59	NNW	4	6	30.38	+ .40	50	48	- 4	NNW	3	6	3	61	49	-		
Holyhead ...	30.18	57	NNW	3	6	30.33	+ .42	54	52	- 2	NNW	3	6	3	60	53	-		
Liverpool (Bidston) ...	30.14	57	NNW	4	6	30.30	+ .46	55	52	+ 1	NNW	3	6	2	60	52	-		
Valencia ...	30.27	60	Z	0	6	30.38	+ .24	49	48	- 9	Z	0	6	1	64	43	-		
Roche's Point... ..	30.27	59	NNW	2	6	30.37	+ .30	57	47	- 4	N	2	6	2	63	48	-		
Pembroke ...	30.20	58	NNW	1	6	30.34	+ .38	56	55	0	NE	1	6	2	60	52	-		
Portishead ...	30.14	60	NNW	3	6	30.32	+ .57	52	50	- 7	NNW	1	6	1	65	45	-		
Scilly ...																			
Plymouth ...	30.19	61	NW	2	6	30.32	+ .37	53	52	- 5	ENE	1	6	*	66	48	-		
Hurst Castle ...	30.11	64	NNW	2	0	30.28	+ .43	55	54	- 7	NE	1	6	1	66	47	-		
Dover ...	30.09	59	NNW	3	6	30.27	+ .43	55	52	- 6	NNW	3	6	1	65	51	-		
London ...	30.10	62	NW	1	0	30.30	+ .50	48	47	- 16	NNW	1	owf	*	64	44	-		
Oxford ...	*	*	*	*	*	30.31	+ .52	53	57	- 6	NNW	1	0	*	63	45	-		
Cambridge ...	30.11	57	N	1	0	30.29	+ .55	52	50	- 10	NW	1	6	*	64	46	0.02		
Yarmouth ...	30.01	55	NNW	4	0	30.24	+ .49	52	50	- 10	NW	2	cm	4	65	47	0.11		
The Helder... ..	*	*	*	*	*	30.10	+ .30	58	53	- 4	NW	4	0	*	*	*	0.12		
Cape Gris Nez ...	30.08	59	N	5	0	30.29	+ .40	57	55	- 4	N	3	6	2	64	55	-		
Jersey ...	30.18	59	NW	4	6	?	?	59	56	- 2	N	2	6	2	63	55	-		
Brest ...	30.29	?	N	3	0	30.24	+ .20	57	55	- 4	NE	2	6	3	61	50	-		
L'Orient ...	30.19	61	NNE	3	6	30.27	+ .16	57	55	- 4	ENE	2	0	3	72	52	-		
Rochefort ...	30.19	68	NW	4	6	30.29	+ .5	61	59	- 3	NE	4	6	3	75	55	-		
Biarritz ...	30.17	73	NNW	2	6	30.19	+ .03	63	61	0	S	2	0	4	?	59	-		
Corunna ...	*	*	*	*	*	30.15		61	*		NE	?	6	4	*	*	*		
Brussels ...	*	*	*	*	*	30.19	+ .24	54	*	- 4	N	6	6	*	*	*	0.04		
Charleville ...	*	*	*	*	*	30.15	+ .16	49	*	- 4	N	3	0	*	*	*	*		
Paris ...	30.09	62	N	4	6	30.27	+ .22	54	57	- 8	NW	2	6	*	*	*	-		
Lyons ...	*	*	*	*	*	30.15	+ .05	66	*	+ 2	N	2	6	*	*	*	*		
Toulon ...	30.04	73	N	4	6	29.96	- .20	68	59	- 2	NNW	4	6	3	79	68	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.58	55	54	SW	1	7	4	Valencia	30.22	62	57	NW	2	6	3
Thurso	29.94	56	53	NNW	5	0	5	Scilly							
Scarborough ...	29.97	57	53	NNW	4	0	3	London	29.98	62	56	NW	3	0	*
Greencastle ...	30.10	60	55	N	2	6	*	Rochefort ...	30.18	70	64	NW	4	6	3
Holyhead	30.10	58	55	NNW	5	7	4								

The barometer is rising all over the Kingdom - very briskly in the S.E. - and moderate N.W. winds are general, with clear weather in Ireland, but cloudy in England and Scotland.

EXPLANATION OF COLUMNS.

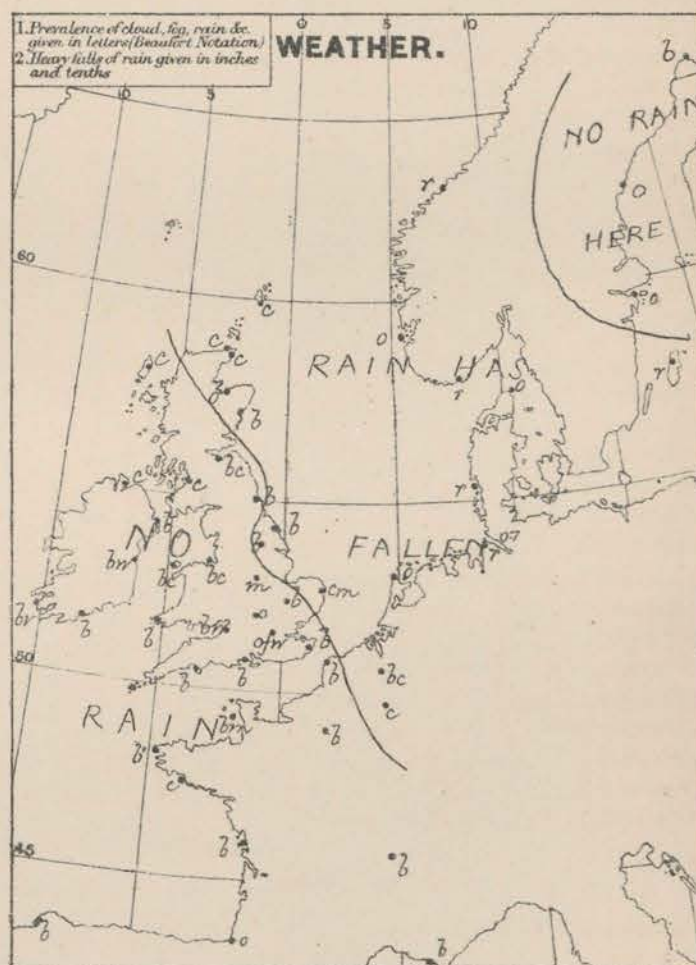
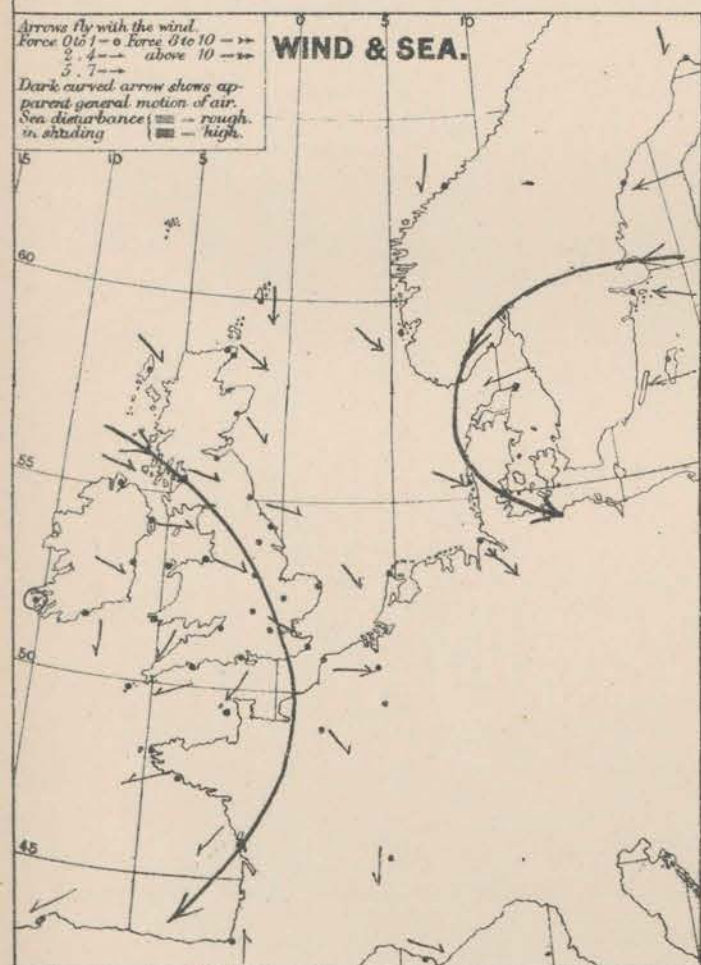
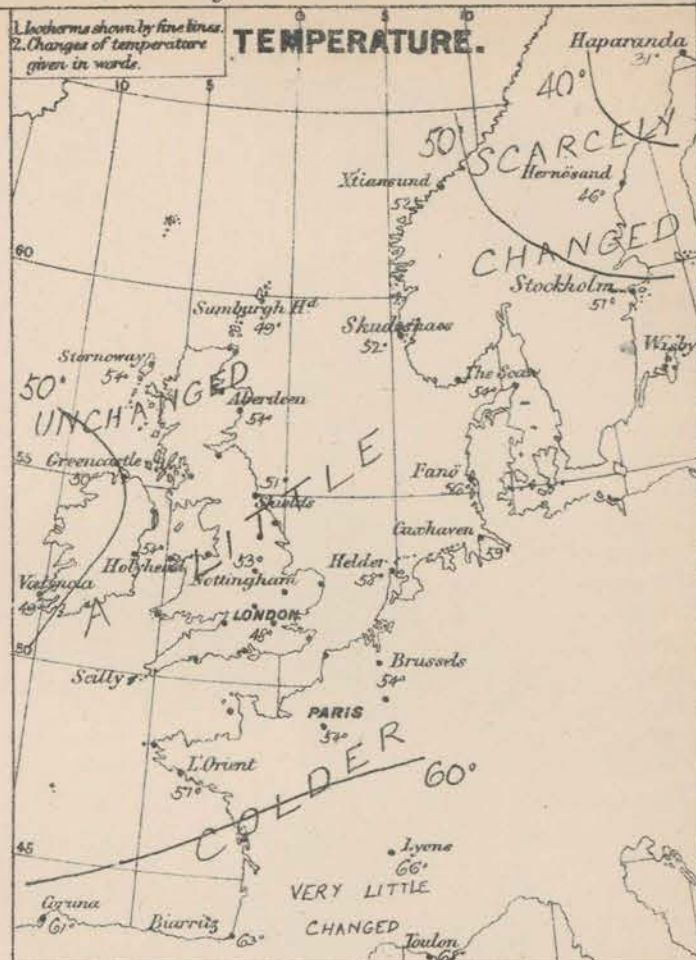
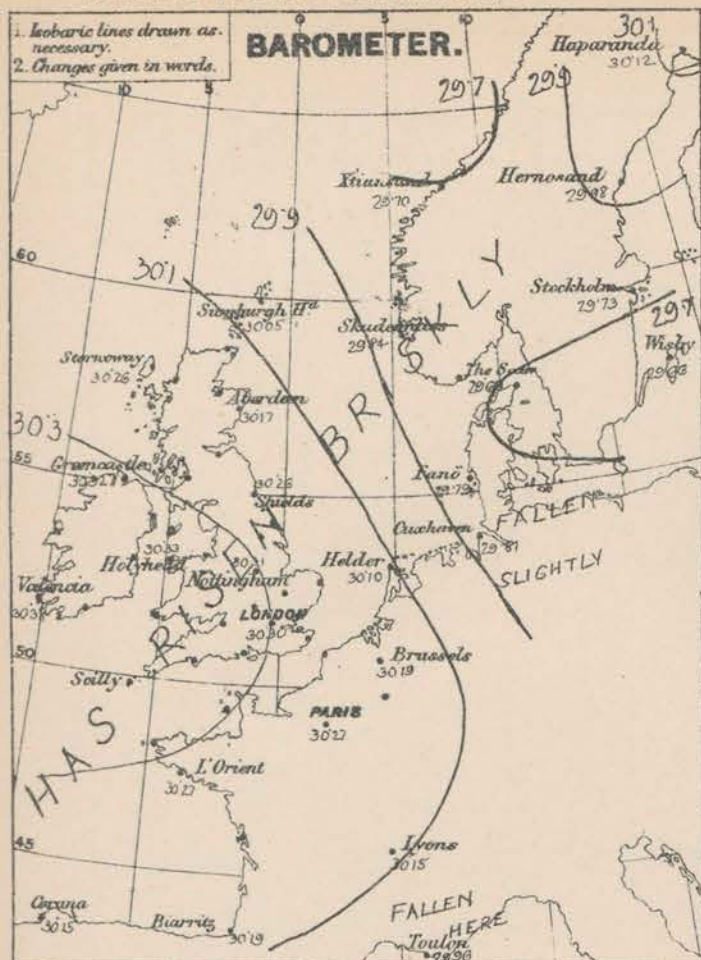
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

WEATHER CHARTS for 8 a.m. on Sunday 16TH SEPT^R 1877.



REMARKS. Weather is clear in most parts of these Islands and France, but rather cloudy in the north of Holland, and overcast in Norway and Denmark; rain is falling over the eastern portion of the North Sea. During yesterday slight rain fell at all our more eastern stations, and a heavy amount is reported from Sweden. A display of aurora was seen at Trich last evening. Temperature has fallen a little in most parts of Western Europe; the readings now vary from 50° to 55° over the United Kingdom, but increase to 65° in France. In the north of Sweden, however, the thermometer is below the freezing point, - 31° F. being the reading recorded at Haparanda. The maximum temperature of yesterday did not rise above 66° in any part of England. Moon is now bright from the NW or N^o in all parts of these Islands; it draws near to NE in France, while in Denmark and North Germany strong NW breezes are blowing. An E^{ly} breeze is reported from Sweden. Sea is slight or smooth in nearly all places.

Barometrical Indications. The barometer continues to rise slowly, in all parts of these Islands, and on axes of high pressure, in which readings exceed 30.30 in. has been found over Ireland and the west of England. The slight disturbances which lay over our south eastern stations yesterday, has passed on to the south of Sweden.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEP 17th 1877.

STATIONS.	↑ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRE.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.19	35	Z	0	7	30.20	+ .08	31	29	0	N	2	7	*	*	*	—	
Hernösand ...	30.20	43	E	2	5	30.25	+ .31	44.0	37	—	6	NNW	2	7	*	*	—	
Stockholm ...	29.98	45	N	6	0	30.13	+ .40	44	41	—	7	NNE	4	7	*	*	—	
Wisby ...	29.89	49	ENE	6	2	30.04	+ .35	47	42	—	6	NE	6	7	*	*	—	
Christiansund ...	30.04	48	NNE	1	7	30.23	+ .53	46	?	—	6	SW	1	7	?	?	—	
Skudesnaes ...	29.93	53	N	2	0	30.26	+ .42	53	49	+ 1	S	4	7	4	55	52	—	
Oxö (Xtiansand) ...	29.93	51	NE	6	0	30.25	+ .50	46	43	—	6	NE	6	2	3	52	43	—
Skagen (The Seaw) ...	29.92	52	E	6	7	30.20	+ .51	48	45	—	6	ESE	5	2	5	55	45	0.25
Fanö ...	29.86	53	N	6	0	30.10	+ .31	57	49	—	5	NNE	4	0	*	59	50	0.39
Cuxhaven ...	29.92	59	NNW	6	0	29.99	+ .18	55	54	—	4	ENE	5	0	*	57	52	0.26
Sumburgh Head ...	30.21	50	N	5	0	30.40	+ .35	50	48	+ 1	N	3	0	3	52	48	0.04	
Stornoway ...	30.07	53	NN	1	6	30.49	+ .23	57	45	—	3	Z	0	0	58	48	—	
Thurso ...	30.31	50	NNW	4	0	30.45	+ .27	49	47	—	4	NNW	3	0	4	55	45	0.02
Wick ...	30.32	50	NNW	5	0	30.44	+ .25	49	48	—	4	NNE	2	0	1	55	46	—
Nairn ...	30.31	54	NN	2	6	30.46	+ .24	50	46	—	3	NN	2	2	2	60	49	—
Aberdeen ...	30.25	52	N	4	7	30.40	+ .23	49	48	—	5	NNW	3	2	1	58	47	0.03
Leith ...	30.27	61	N	1	6	30.42	+ .17	48	45	—	4	N	1	2	*	69	43	—
Shields ...	30.28	58	N	1	7	30.38	+ .12	52	50	+ 1	NNE	4	0	4	62	48	0.04	
Scarborough ...	30.25	55	NNW	2	7	30.31	+ .06	52	50	—	4	N	5	0	5	59	50	0.02
York ...	30.27	57	NNW	1	6	30.34	+ .06	50	49	—	1	NNW	2	2	*	65	45	—
Nottingham ...	30.29	58	NNW	1	6	30.35	+ .04	53	50	0	NNW	3	7	*	63	46	—	
Ardrossan ...	30.30	59	NN	4	7	30.43	+ .15	48	46	—	7	ENE	2	6	1	62	44	—
Greencastle ...	30.38	55	N	2	7	30.43	+ .11	52	50	+ 2	NE	1	6	*	61	46	—	
Donaghadee ...	30.36	55	NNW	3	7	30.43	+ .09	54	51	+ 3	NE	4	6	3	59	50	—	
Kingstown ...	30.27	58	NN	4	0	30.41	+ .03	52	50	+ 2	?ENE	4	2	3	59	49	—	
Holyhead ...	30.24	56	NNW	3	6	30.38	+ .05	53	52	—	1	ENE	4	7	3	58	52	—
Liverpool (Bidston) ...	30.31	55	NNW	3	6	30.39	+ .09	52	49	—	3	ENE	1	7	1	59	47	—
Valencia ...	30.38	57	NNW	1	6	30.41	+ .03	52	50	+ 3	Z	0	6	0	67	46	—	
Roche's Point ...	30.35	58	N	1	7	30.40	+ .03	52	49	+ 1	NNE	2	7	2	60	50	—	
Pembroke ...	30.24	57	N	1	7	30.35	+ .01	53	51	—	3	NE	1	7	1	61	49	—
Portishead ...	30.25	60	NNW	2	6	30.35	+ .03	52	51	0	N	4	2	4	60	49	—	
Scilly ...	30.30	59	Z	0	7	30.33	+ .01	54	52	+ 1	ENE	1	7	*	65	47	—	
Plymouth ...	30.26	63	NNW	2	7	30.29	+ .01	54	52	—	1	NE	2	7	2	66	49	—
Hurst Castle ...	30.25	58	NW	3	7	30.23	— .04	55	51	0	NNW	4	6	2	62	52	—	
Dover ...	30.26	60	NN	1	6	30.30	— .00	52	49	+ 4	N	2	0	*	64	44	—	
London ...	30.26	60	NN	1	6	30.30	— .00	52	49	+ 4	N	2	0	*	62	46	—	
Oxford ...	30.26	60	NN	1	6	30.30	— .00	52	49	+ 4	N	2	0	*	66	48	—	
Cambridge ...	30.26	60	NN	1	6	30.30	— .00	52	49	+ 4	N	2	0	*	60	50	0.02	
Yarmouth ...	30.24	57	NNW	3	6	30.34	— .06	58	55	0	NNW	3	2	*	*	*	0.08	
The Helder ...	30.25	61	Z	0	7	30.23	— .06	55	52	—	2	N	6	2	5	64	54	—
Cape Gris Nez ...	30.28	60	NNE	2	7	30.29	?	58	56	—	1	NE	1	6	1	64	54	—
Brest ...	30.32	65	ENE	3	0	30.35	+ .01	57	55	0	ENE	2	7	2	66	50	—	
L'Orient ...	30.26	66	ENE	2	6	30.28	+ .01	55	54	—	2	ENE	3	2	3	72	52	—
Rochefort ...	30.17	68	ENE	3	7	30.18	— .11	55	52	—	6	NE	4	7	3	77	54	—
Biarritz ...	30.10	70	NNW	4	7	30.12	— .07	55	52	—	8	ENE	3	7	3	68	52	—
Corunna ...	30.23	58	NE	3	7	30.22	— .05	53	49	—	1	NN	3	7	*	*	*	
Brussels ...	30.23	58	NE	3	7	30.22	— .05	53	49	—	1	NN	3	7	*	*	*	
Charleville ...	30.23	58	NE	3	7	30.22	— .05	53	49	—	1	NN	3	7	*	*	*	
Paris ...	30.23	58	NE	3	7	30.22	— .05	53	49	—	1	NN	3	7	*	*	*	
Lyons ...	30.23	58	NE	3	7	30.22	— .05	53	49	—	1	NN	3	7	*	*	*	
Toulon ...	29.85	66	NW	7	7	29.82	— .03	66	57	—	2	NN	2	2	5	79	66	—

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

Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes ...	29.89	55	ST	NN	4	3	Valencia ...				
Thurso ...							Scilly ...				
Scarborough ...							London ...				
Greencastle ...							Rochefort ...	30.24	77	70	ENE
Holyhead ...											

EXPLANATION OF COLUMNS

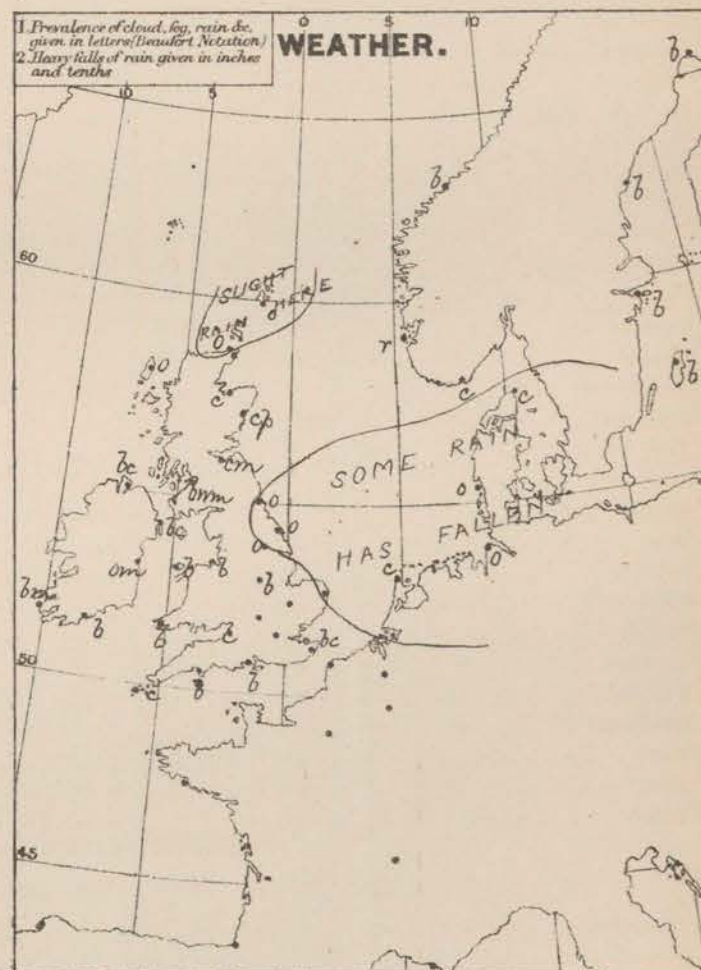
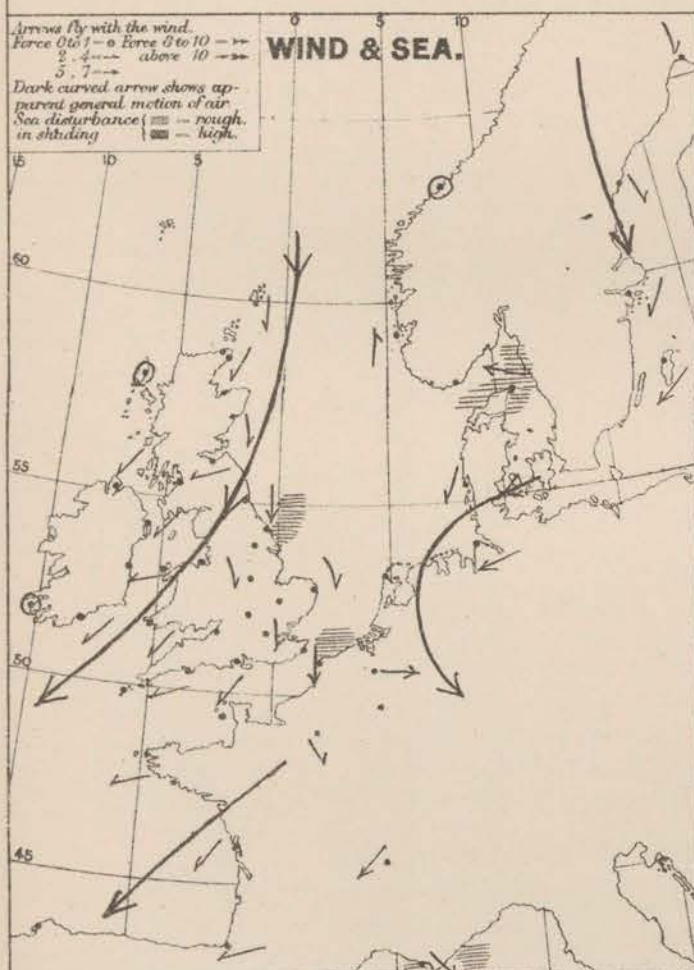
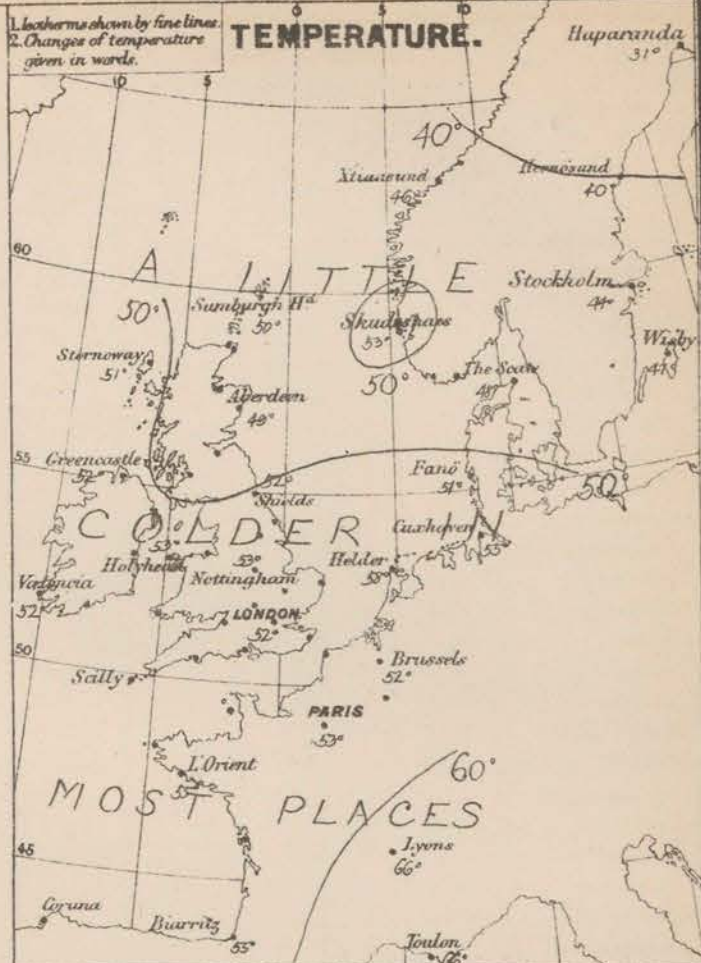
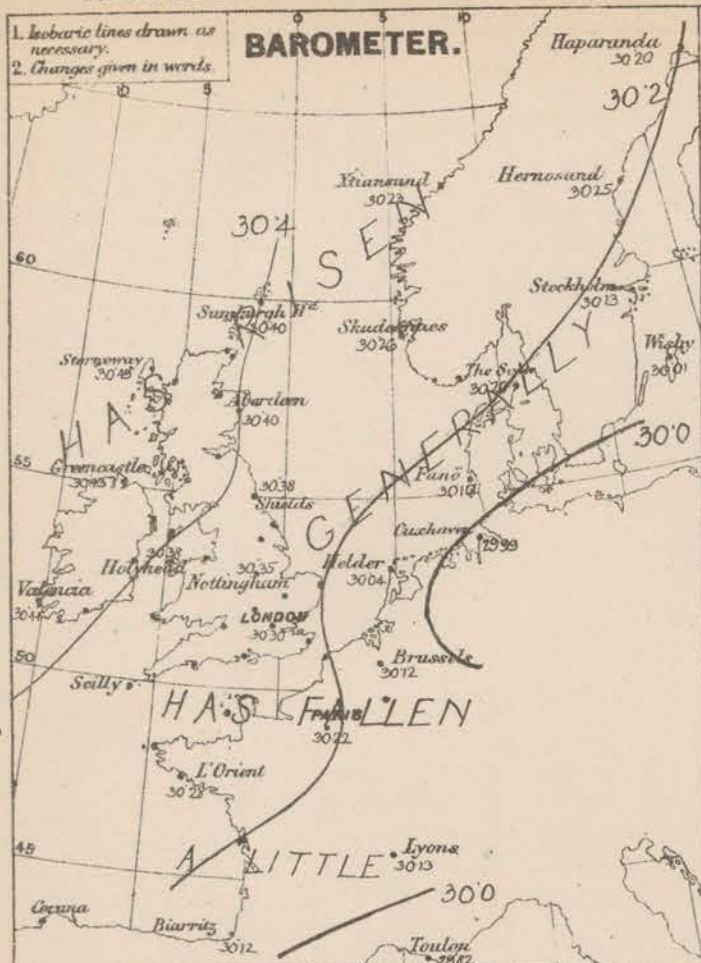
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Monday 17th SEPT^r 1877.



REMARKS. Weather remains very fine in the north west, west and south west, but is becoming cloudy and dull in the east and north, east with showers at Aberdeen, and rain at Skudshus. Cold rain has fallen in Denmark, and a pro-breeze on our north east coast. Temperature has again fallen and is very low for the time of year - especially in the south. The readings now vary from 48° to 50° in Scotland, 52° in Ireland and 52° to 54° in England. The night was again cold, 44° in the shade and 35° on the grass having been recorded in London. Wind is N^W all over our Islands, NE^W in the Channel and west of France, but W^W to NW^W in Belgium and the north east of France. In force it is generally light to moderate, but the N^W breeze at Cape Breton and the W^W winds at Brussels are both strong. Sea is rising along our east coast, where it is already rather rough.

Barometrical Indications. The barometer is highest and rising at our western and northern stations, while it is low both in the south of France and in north Germany. In the Netherlands the mercury is falling slightly. Gradients for N^W and NE^W wind in our Islands and France are consequently becoming steeper.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEP. 78TH

1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 320 F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.			
			Direc.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	29.74	40	S	2	7	29.52	- .68	42	41	+ .11	SE	2	C	*	*	*	-		
Hernösand ...	30.04	39	Z	0	7	29.64	- .61	43	41	+ .3	N	4	X	*	*	*	-		
Stockholm ...	30.12	42	NNW	2	7	29.90	- .23	44	41	0	SW	2	7	*	*	*	-		
Wisby ...	29.90	43	ENE	6	7	30.02	+ .01	47	43	0	NNW	6	7	*	*	*	0.04		
Christiansund ...	30.16	48	W	4	0	29.94	- .29	49	45	+ .3	WSW	6	0	4	50	46	-		
Skudesnaes ...	30.26	57	NNW	4	0	30.03	- .23	52	57	- .1	WSW	2	7	3	50	0.12			
Oxö (Xtineand) ...	30.26	50	WSW	4	0	30.00	- .25	51	47	+ .5	NNW	4	70	2	52	39	-		
Skagen (The Sæw) ...	30.23	45	E	2	7	29.97	- .23	53	53	+ .5	N	3	C	2	54	41	-		
Fanö ...	30.29	44	NE	2	7	30.12	+ .02	52	49	+ .1	N	4	X	*	55	39	-		
Cuxhaven ...	30.23	4	NE	0	0	30.26	+ .27	57	49	- .4	SW	1	0	*	54	48	-		
Sumburgh Head ...	30.30	49	NNW	3	0	30.22	- .08	52	51	+ .2	NNW	4	0	4	52	47	-		
Stornoway ...	30.52	54	Z	0	0	30.42	- .07	55	54	+ .4	NN	4	C	4	58	44	-		
Thurso ...	30.47	49	NN	2	0	30.33	- .12	54	53	+ .5	NNW	5	0	4	55	45	0.02		
Wick ...	30.44	50	NNW	3	0	30.30	- .14	55	54	+ .6	NN	4	0	2	56	50	0.04		
Nairn ...	30.46	50	NN	1	7	30.38	- .08	53	50	+ .3	NN	1	0	1	59	45	-		
Aberdeen ...	30.45	57	N	3	0	30.29	- .11	56	53	+ .7	NNW	5	C	2	56	47	-		
Leith ...	30.48	55	E	1	7	30.37	- .05	50	48	+ .2	N	1	cm	*	63	45	-		
Shields ...	30.46	52	NNE	5	7	30.36	- .02	57	48	- .1	NN	2	cm	3	55	47	-		
Scarborough ...	30.39	53	NNE	4	0	30.35	+ .04	52	50	0	NNW	2	C	2	56	57	-		
York ...	30.42	52	N	2	m	30.38	+ .04	49	48	- .1	NNW	1	C	3	58	45	0.02		
Nottingham ...	30.43	53	NNW	2	X	30.42	+ .07	50	49	- .3	NNW	1	m	*	60	45	0.04		
Ardrossan ...	30.46	56	NN	1	7	30.38	- .05	53	57	+ .5	NN	2	7	1	60	47	-		
Greencastle ...	30.50	55	ENE	1	7	30.43	00	53	57	+ .1	N	2	7	*	64	46	-		
Donaghadee ...	30.49	55	N	2	7	30.42	- .01	53	57	- .1	NN	2	7	1	57	47	-		
Kingstown ...	30.49	56	ENE	4	7	30.46	+ .05	57	48	- .1	NNW	3	7	3	59	50	-		
Holyhead ...	30.43	55	NNE	4	7	30.41	+ .03	54	57	+ .1	NNW	4	7	3	58	49	-		
Liverpool (Bidston) ...	30.43	54	NE	2	0	30.41	+ .02	52	50	0	NNW	1	7	1	58	46	-		
Valencia ...	30.42	59	NE	2	7	30.45	+ .04	52	50	0	Z	0	7	1	65	45	-		
Roche's Point... ..	30.45	59	E	2	7	30.43	+ .03	53	50	+ .1	NE	2	7	2	64	46	-		
Pembroke ...	30.39	56	NE	2	7	30.39	+ .05	53	50	0	NE	1	7	1	61	57	-		
Portishead ...	30.35	55	N	2	0	30.38	+ .03	52	50	0	N	4	C	4	62	50	-		
Scilly ...	30.35	56	NE	3	0	30.36	+ .03	55	52	+ .1	NE	3	C	*	62	50	-		
Plymouth ...	30.32	57	NE	2	0	30.34	+ .05	54	53	0	NE	2	C	2	59	49	-		
Hurst Castle ...	30.26	58	N	4	0	30.31	+ .08	52	57	- .3	N	2	0	1	60	52	0.28		
Dover ...	30.32	57	NNE	2	7	30.35	+ .05	52	50	0	NE	1	0	*	59	51	-		
London ...	*	*	*	*	*	30.37	+ .04	57	49	0	N	1	0	*	58	49	-		
Oxford ...	30.36	50	N	1	0	30.34	+ .04	50	49	- .2	N	1	0	*	59	47	0.03		
Cambridge ...	30.28	56	NE	5	0	30.30	+ .10	54	57	+ .1	N	3	C	3	58	50	0.16		
Yarmouth ...	*	*	*	*	*	30.23	+ .19	52	57	- .6	SSW	1	C	*	*	*	0.04		
The Helder ...	30.22	59	NNE	7	7	30.29	+ .06	54	50	- .1	E	1	C	1	61	48	0.12		
Cape Gris Nez ...	30.30	55	NE	4	7	30.30	+ .01	57	54	- .1	NE	4	0	3	61	54	-		
Jersey ...	30.35	?	ENE	4	7	30.32	- .03	55	54	- .2	ENE	3	0	2	57	45	-		
Brest ...	30.26	59	ENE	4	7	30.26	- .02	55	54	0	ENE	4	2	3	70	48	-		
L'Orient ...	30.17	66	NE	4	7	30.14	- .04	57	55	+ .2	NE	4	0	3	72	48	-		
Rocheport ...	30.04	70	NNW	1	7	30.08	- .04	52	48	- .3	ENE	2	7	3	70	?	-		
Biarritz ...	*	*	*	*	*	30.18	+ .06	49	*	- .1	E	3	C	*	*	*	0.04		
Corunna ...	30.19	55	NN	3	7	30.25	+ .03	49	*	- .4	NE	3	C	*	*	*	-		
Brussels ...	*	*	*	*	*	30.06	- .07	61	*	- .5	N	4	C	*	*	*	-		
Charleville ...	29.74	63	NN	5	0	29.87	+ .05	66	61	0	E	4	C	4	79	59	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	30.31	57	49	SW	4	7	Valencia	30.41	64	56	NE	3	7	3
Thurso	30.45	57	49	NNN	2	0	Scilly							
Scarborough ...	30.36	56	52	N	5	0	London	30.31	58	53	NNE	3	0	*
Greencastle ...	30.47	60	56	ESE	2	7	Rocheport ...	30.16	72	?	NE	4	7	3
Holyhead	30.43	56	52	NNE	4	7								

No important change.

EXPLANATION OF COLUMNS.

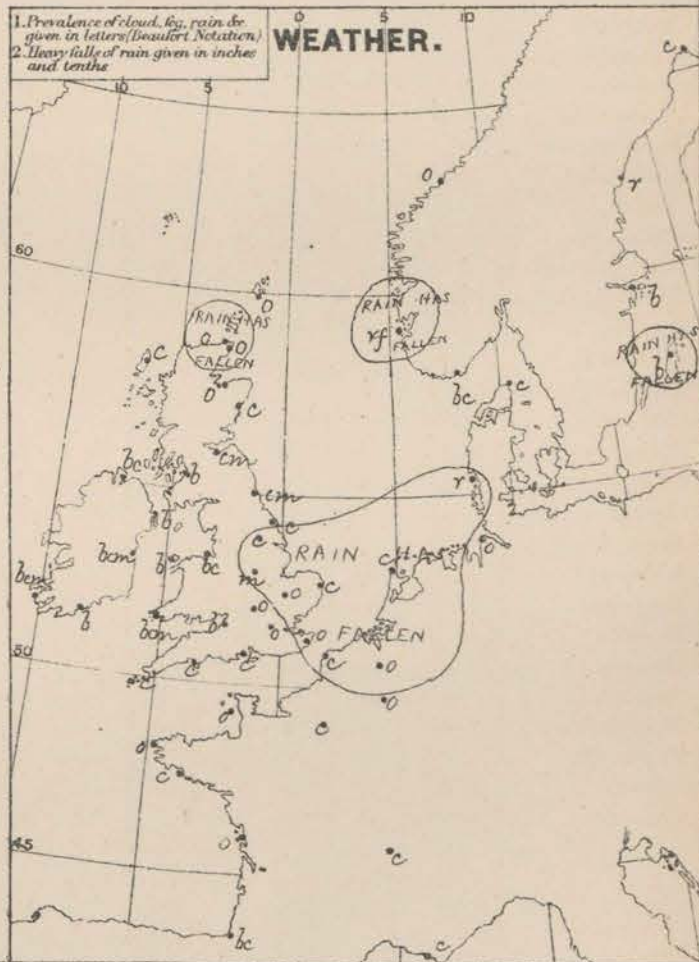
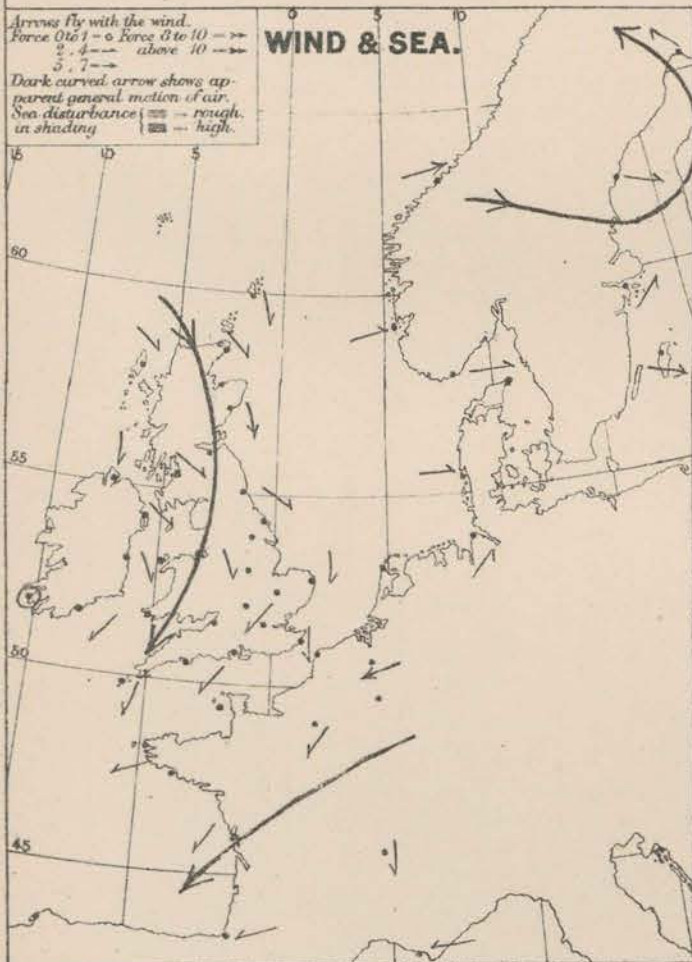
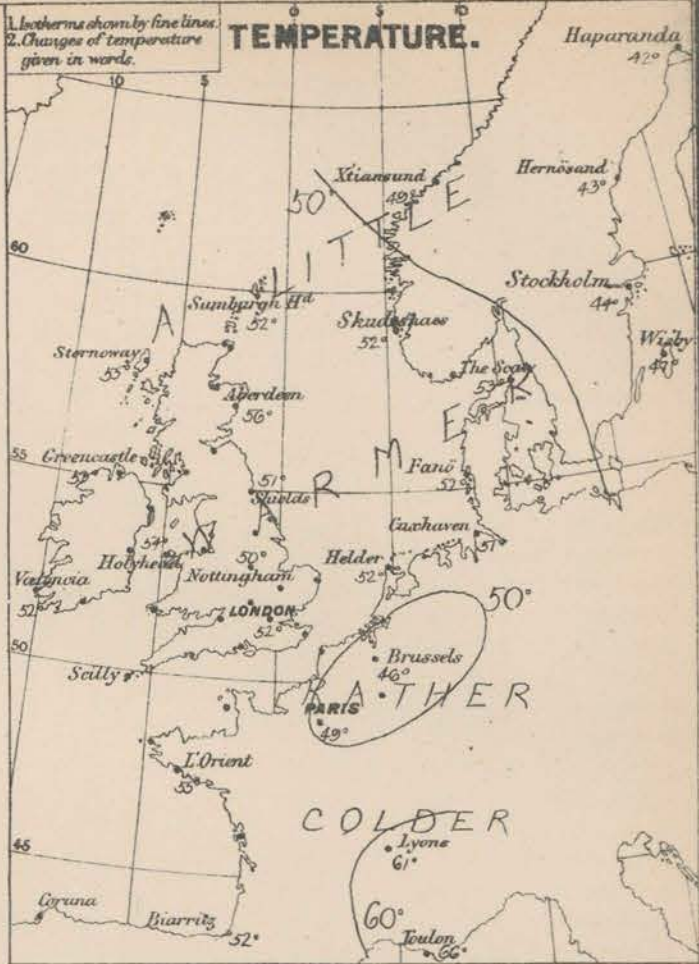
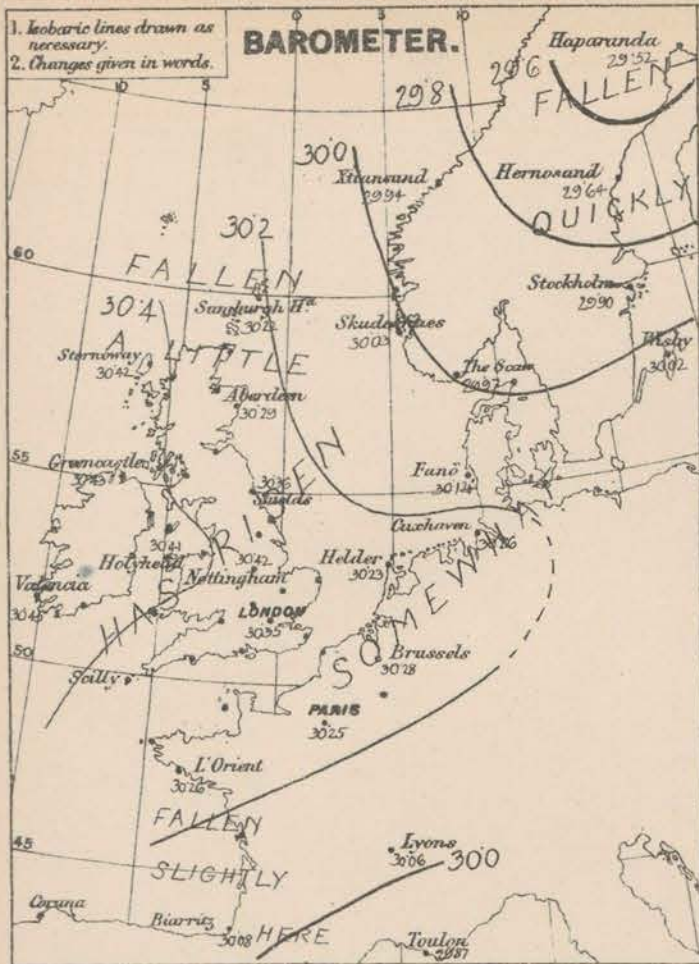
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Tuesday 18TH SEPT^R 1877.



REMARKS. Weather remains very fine about western stations, but is generally cloudy over S^e Britain, and stormy over the eastern shores of the North Sea. Slight rain fell at the south eastern and eastern stations yesterday, the greatest falls reported being 0.3 in. at Dover, 0.2 in. at Lyamouth, and 0.1 in. at Cape Gris Nez. Temperature remains low generally—more particularly in the south and south east. It now rises from 50° to 55° over our Islands and the northern parts of France. The maximum shade temperature for London yesterday was only 59° but in Ireland and also at Litch the thermometers rose to 63° or 65°. Wind is moderate from NW on our northern coasts, light from NE in the Channel, and moderate from the same quarter at the French stations. It blew very fresh from the NW in the Straits of Dover last evening. Sea is moderate in the north, slight or smooth elsewhere.

Barometrical Indications. The barometer has not moved much in our Island since yesterday, but is now falling a little in Scotland, while in Scandinavia it is falling fast. Readings vary from about 30.45 ins. over Ireland to 29.5 ins. in the north of Sweden, and 29.9 ins. in the south of France.

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

R. H. SCOTT.

Secretary

DAILY WEATHER REPORT

SEPT^R 19th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of 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 ...	29.82	39	Z	0	r	29.47	- .05	40	40	- 2	NE	4	0	*	*	*	0.24	
Hernösand ...	29.53	43	NN	6	bc	29.35	- .29	39	37	- 4	NN	8	r	*	*	*	0.08	
Stockholm ...	29.56	40	NNN	2	f	29.43	- .47	38	35	- 6	NNN	2	0	*	*	*	0.16	
Wisby ...	29.64	50	NE	6	r	29.47	- .55	44	39	- 3	NN	8	c	*	*	*	0.12	
Christiansund ...	29.95	44	NNN	4	0	29.82	- .12	44	40	- 5	NNN	6	c	5	?	39	0.12	
Skudesnaes ...	29.93	49	NNN	8	c	29.78	- .25	48	42	- 6	NNN	6	f	3	52	48	-	
Oxö (Klansand) ...	29.77	56	NE	5	c	29.71	- .29	47	46	- 4	ENE	4	r	3	57	45	-	
Skagen (The Seaw) ...	29.77	54	N	5	c	29.71	- .26	45	45	- 8	N	3	0	3	57	41	0.04	
Fanö ...	29.81	53	NN	6	c	29.72	- .40	50	47	- 2	NNN	4	c	*	57	48	0.04	
Caxhaven ...	29.98	2	WSW	3	r	29.75	- .51	57	55	+ 6	NNN	6	0	*	57	52	0.09	
Sumburgh Head ...	30.16	?	N	3	c	29.96	- .26	49	48	- 3	NE	2	0	2	53	45	0.05	
Stornoway ...	30.36	53	NN	2	0	30.14	- .28	53	52	- 2	NN	6	om	7	55	50	0.02	
Thurso ...	30.29	51	NN	4	r	30.04	- .29	52	52	- 2	NN	5	0	4	55	49	0.07	
Wick ...	30.29	50	NN	3	m	30.03	- .27	52	52	- 3	NN	2	m	2	56	47	0.03	
Nairn ...	30.32	55	NN	5	f	30.09	- .24	57	52	+ 4	NN	3	0	2	59	47	-	
Aberdeen ...	30.24	55	NNN	5	0	30.00	- .29	55	53	- 1	NNN	5	0	2	61	51	-	
Leith ...	30.27	62	NNN	1	bc	30.09	- .28	53	57	+ 3	NN	1	r	*	68	59	-	
Shields ...	30.27	56	NNE	2	0	30.06	- .30	56	52	+ 5	NN	3	c	2	62	48	-	
Scarborough ...	30.23	55	N	2	m	30.07	- .28	53	57	+ 1	NN	1	c	2	58	52	-	
York ...	30.26	58	NNN	2	0	30.11	- .27	55	53	+ 6	NN	1	c	2	60	48	-	
Nottingham ...	30.28	59	NNN	1	m	30.16	- .26	56	55	+ 6	NNN	1	m	*	63	?	-	
Ardrossan ...	30.32	59	NN	3	bc	30.15	- .23	55	52	+ 2	NNN	4	c	3	60	50	-	
Greencastle ...	30.29	55	N	3	0	30.23	- .20	53	53	0	NNN	2	0	*	59	50	0.02	
Donaghadee ...	30.37	55	N	4	c	30.19	- .23	55	53	+ 2	N	4	c	3	59	52	-	
Kingstown ...	30.35	59	NNN	4	bc	30.24	- .22	55	53	+ 4	NNN	5	om	4	59	50	-	
Holyhead ...	30.32	56	N	4	bc	30.19	- .22	54	52	0	NNN	5	om	4	57	51	-	
Liverpool (Bidston) ...	30.30	54	NNN	2	c	30.15	- .26	53	52	+ 1	NNN	4	0	2	58	?	-	
Valencia ...	30.37	57	N	3	bc	30.30	- .45	55	53	+ 3	NE	1	om	2	64	46	-	
Roche's Point ...	30.40	56	SE	3	bc	30.27	- .46	55	52	+ 2	NE	3	c	3	62	46	-	
Pembroke ...	30.33	56	N	1	bc	30.22	- .47	56	54	+ 3	N	1	c	0	61	57	-	
Portishead ...	30.28	53	NNN	3	bc	30.18	- .20	55	54	+ 3	NNE	2	om	2	64	49	-	
Scilly ...	30.28	58	N	3	bc	30.20	- .16	52	57	- 3	Z	0	bc	*	63	48	-	
Plymouth ...	30.25	58	NNE	1	bc	30.15	- .19	56	55	+ 2	NNN	2	0	2	60	50	-	
Hurst Castle ...	30.22	57	NNE	3	c	30.10	- .21	54	53	+ 2	N	3	c	1	60	52	0.05	
Dover ...	30.25	58	NNN	1	bc	30.13	- .22	55	50	+ 3	NN	1	0	*	60	51	-	
Oxford ...	*	*	*	*	*	30.14	- .23	55	53	+ 4	N	2	om	*	58	49	-	
Cambridge ...	30.26	57	N	1	0	30.12	- .22	54	53	+ 4	N	1	r	*	61	49	0.01	
Yarmouth ...	30.20	53	NE	3	0	30.07	- .23	53	50	- 1	NNN	3	c	4	57	50	0.11	
The Helder ...	*	*	*	*	*	29.95	- .28	56	57	+ 4	NN	2	0	*	*	*	0.08	
Cape Gris Nez ...	30.21	55	NE	3	c	30.11	- .18	55	54	+ 1	N	4	0	3	61	52	0.24	
Jersey ...	30.27	55	NE	3	bc	30.19	- .11	57	55	0	N	3	m	3	61	53	-	
Brest ...	30.31	51	NE	4	bc	30.24	- .08	54	52	- 1	ENE	2	bc	2	57	48	-	
L'Orient ...	30.21	59	NE	5	bc	30.20	- .06	52	50	- 3	NE	3	bc	3	66	46	-	
Rochefort ...	30.09	66	NE	5	bc	30.07	- .07	50	48	- 7	NE	5	bc	3	72	48	-	
Biarritz ...	30.00	64	WSW	1	0	30.01	- .07	50	46	- 2	Z	0	bc	3	?	46	-	
Corunna ...	*	*	*	*	*	29.99	- .63	*	*	*	NE	6	bc	4	*	*	*	
Brussels ...	*	*	*	*	*	30.03	- .25	54	*	+ 3	? SW	6	0	*	*	*	0.09	
Charleville ...	*	*	*	*	*	30.05	- .18	45	*	- 4	SSE	3	r	*	*	*	*	
Paris ...	30.17	55	NE	4	bc	30.18	- .07	51	49	+ 2	NN	3	0	*	*	*	-	
Lyons ...	*	*	*	*	*	30.08	+ .02	56	*	- 5	N	2	bc	*	*	*	*	
Toulon ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.95	57	46	NNW	8	2	4	Valencia	30.42	62	55	N	1	bc	2
Thurso	30.32	52	51	NN	5	40	4	Scilly							
Scarborough ...	?	58	54	NNW	2	0	2	London	30.30	58	52	NNE	2	0	*
Greencastle ...	30.43	58	55	NNW	2	0	*	Rochefort ...	30.13	68	59	NE	5	bc	3
Holyhead	30.38	56	53	N	4	62	3								

No important change

EXPLANATION OF COLUMNS.

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

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

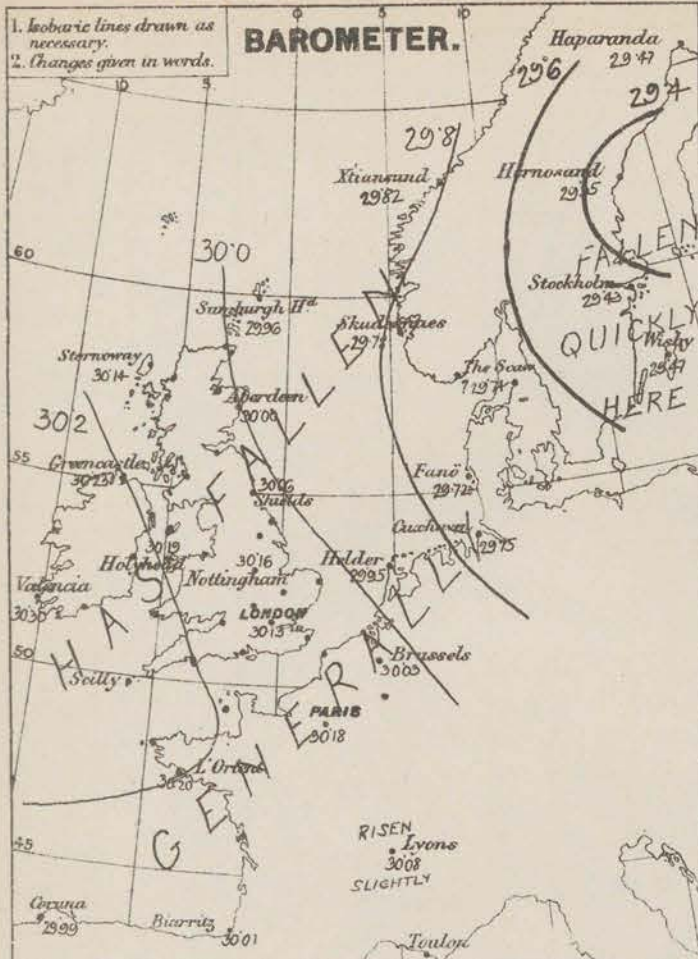
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Wednesday 19th SEPT^r 1877.

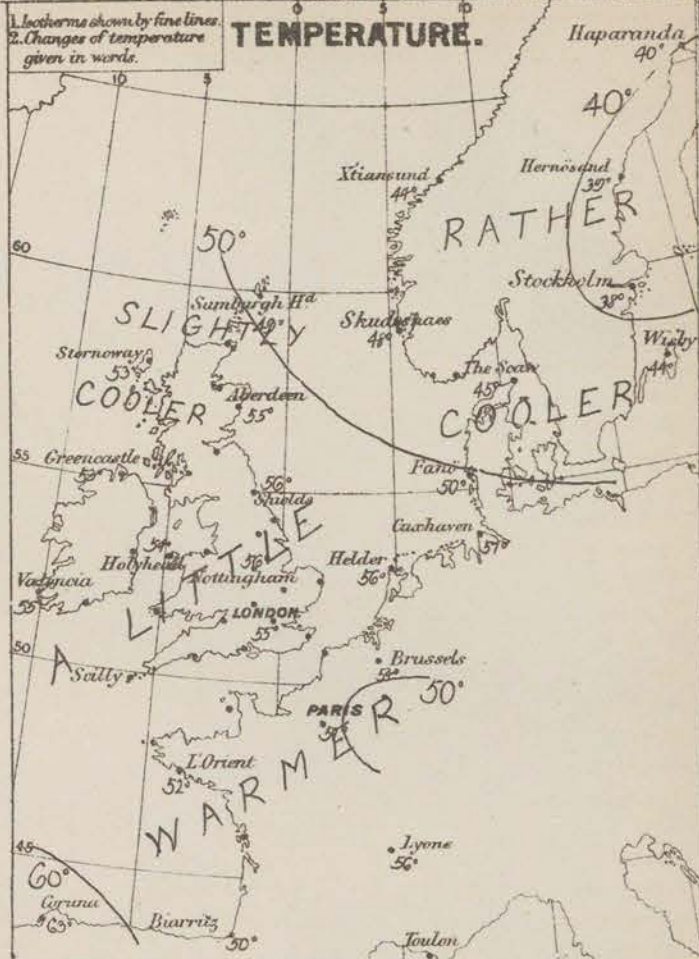
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



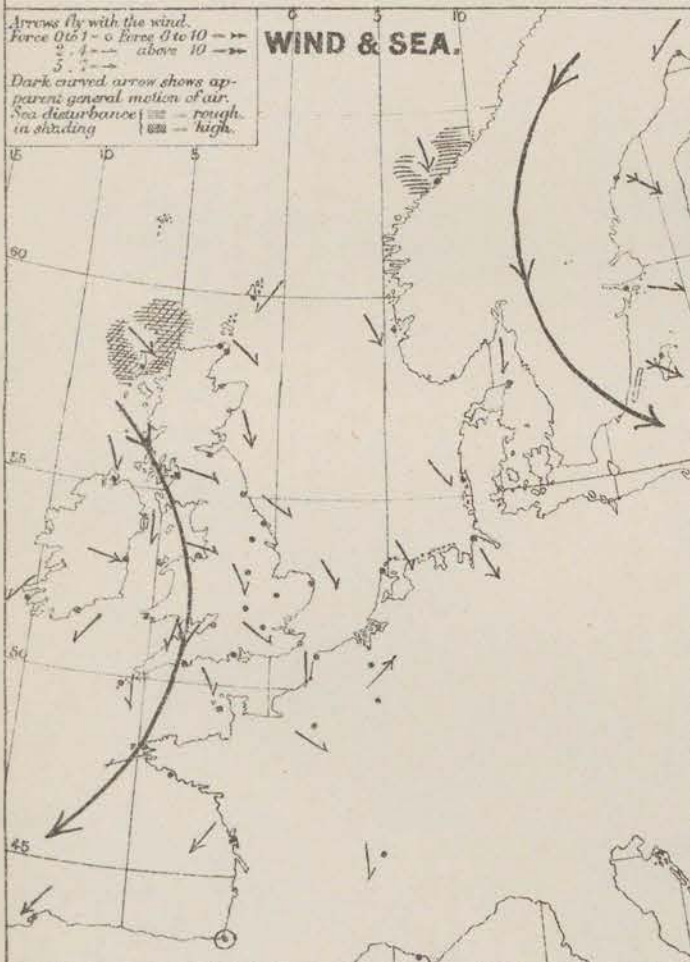
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



1. Arrows fly with the wind. Force 0 to 10 — 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 remains fine in the south west of our Islands, but has become very dull on our other coasts, with rain in some places. A little rain has fallen at our most northern and the south eastern stations, as well as on the eastern shores of the North Sea. Temperature has risen a little over England and Ireland, but remains low (52° to 55°) generally over the whole of the United Kingdom. The maximum values for yesterday were 62° to 64° in the south west, 60° in the south east of England, and 55° in the north of Scotland. Wind is fresh from NW in the north of our Islands, light from N over the southern counties and in the Channel, and from NE in the south of Ireland. Strong NW breezes are blowing on the eastern shores of the North Sea, and a NW gale in the Gulf of Bothnia. Sea is moderate to smooth on our coasts generally, but runs high at Stornorway.

Barometrical Indications. The depression which was advancing from the NW towards the north of Scandinavia yesterday has now reached the Gulf of Bothnia, where the mercury has fallen half an inch. In the west of Norway the fall has been much lighter, but in Scotland a fresh increase has been in progress during the night, as though a secondary disturbance were approaching our northern coast from the NW.

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

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

R. H. SCOTT,
Secretary

DAILY WEATHER REPORT

SEPT^R 20TH 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 5).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.60	42	NE	4	o	29.71	+ .24	40	39	o	NE	4	o	*	*	*	0.08		
Hernösand ...	29.37	41	NW	8	+	29.47	+ .12	43	40	+ 4	ENE	8	o	*	*	*	0.67		
Stockholm ...	29.24	42	N	2	o	29.25	- .18	40	39	+ 2	N	4	o	*	*	*	0.04		
Wisby ...	29.41	46	N	6	+	29.27	- .20	44	41	o	NW	8	o	*	*	*	0.04		
Christiansund ...	29.77	43	N	5	c	29.68	- .17	43	42	- 1	E	1	6	6	45	39	?		
Skudesnaes ...	29.70	47	NNW	6	c	29.60	- .18	45	40	- 3	N	4	6	2	50	?	-		
Oxö (Xtiansand) ...	29.56	50	?	4	6	29.55	- .16	42	39	- 5	NNW	4	6	2	50	41	-		
Skagen (The Scaw) ...	29.56	50	SE	6	6	29.48	- .23	49	46	+ 4	ENE	5	c	5	54	37	0.16		
Fanö ...	29.64	40	Z	o	6	29.55	- .22	46	45	- 4	E	4	c	*	55	37	-		
Cuxhaven ...	29.68	4	NNW	4	o	29.55	- .20	51	49	- 6	NNW	3	+	*	?	43	0.03		
Sumburgh Head ...	29.97	45	NNE	3	o	29.87	- .09	45	42	- 4	NNE	4	c	4	49	40	0.01		
Stornoway ...	30.08	51	N	3	o	29.94	- .20	47	45	- 6	N	1	o	4	56	44	-		
Thurso ...	30.02	50	N	4	o	29.92	- .12	47	45	- 5	N	5	c	5	55	45	0.06		
Wick ...	30.00	48	NE	2	o	29.92	- .11	47	44	- 5	N	2	c	1	56	42	0.11		
Nairn ...	30.02	52	NNW	3	o	29.96	- .13	46	43	- 11	N	4	c	3	58	45	-		
Aberdeen ...	29.95	51	NNW	5	6	29.86	- .14	46	44	- 9	N	4	6	2	58	44	0.04		
Leith ...	29.96	60	N	1	6	29.91	- .18	52	47	- 1	NE	1	6	*	69	47	-		
Shields ...	29.98	54	NE	3	c	29.87	- .19	47	46	- 9	NNE	3	6	4	59	46	0.19		
Scarborough ...	29.95	54	NNW	3	2	29.83	- .24	50	47	- 3	NNW	16	cp	4	57	49	0.03		
York ...	29.97	56	NNE	2	o	29.86	- .25	48	47	- 7	NW	1	o	*	63	46	0.01		
Nottingham ...	29.98	56	NW	1	6	29.88	- .28	50	44	- 6	NNE	1	o	*	63	49	0.02		
Ardrossan ...	30.01	59	NNW	3	6	29.93	- .22	45	45	- 7	ESE	1	6	0	60	46	-		
Greencastle ...	30.09	54	N	2	o	29.94	- .29	52	49	- 1	NNE	2	o	*	55	50	0.17		
Donaghadee ...	30.05	55	NNE	5	c	29.93	- .26	52	50	- 3	NNE	4	6	3	58	52	-		
Kingstown ...	30.05	56	NW	5	c	29.95	- .29	54	52	- 1	NNW	4	6	4	57	52	-		
Holyhead ...	30.03	55	N	5	o	29.89	- .30	54	51	o	NNW	6	o	5	58	53	0.01		
Liverpool (Bidston) ...	29.98	56	NNW	3	o	29.86	- .29	52	49	- 1	NE	1	o	1	58	52	0.02		
Valencia ...	30.17	56	N	3	c	30.04	- .26	55	54	o	N	1	cp	2	62	53	-		
Roche's Point... ..	30.14	54	N	4	c	30.00	- .27	54	52	- 1	N	2	o	2	60	50	-		
Pembroke ...	30.07	55	N	1	o	29.91	- .31	56	53	o	N	3	c	1	58	52	0.04		
Portishead ...	29.99	55	NNW	3	o	29.85	- .33	57	55	+ 2	NNW	2	c	1	61	52	-		
Scilly ...	29.99	55	NNW	3	o	29.85	- .33	57	55	+ 2	NNW	2	c	1	61	52	-		
Plymouth ...	30.05	58	N	1	o	29.90	- .30	56	55	+ 4	Z	o	of	*	66	52	0.02		
Hurst Castle ...	30.00	59	N	1	o	29.90	- .25	56	56	o	NNW	2	c	2	63	49	-		
Dover ...	29.88	58	NW	2	c	29.80	- .30	53	51	- 1	NNW	2	6	1	60	50	0.08		
London ...	29.96	57	NNW	2	o	29.85	- .28	52	51	- 3	N	1	of	*	60	49	0.02		
Oxford ...	29.96	57	NNW	2	o	29.83	- .31	51	50	- 4	Z	o	+	*	58	50	0.06		
Cambridge ...	29.96	56	NW	1	o	29.84	- .28	51	50	- 3	N	1	+	*	60	49	0.01		
Yarmouth ...	29.90	54	NNW	3	+	29.79	- .28	51	49	- 2	NW	3	cm	4	56	49	0.14		
The Helder ...	29.90	54	NNW	3	+	29.68	- .27	52	49	- 4	NNW	2	+	*	*	*	0.12		
Cape Gris Nez ...	29.97	57	N	1	o	29.84	- .27	54	52	- 1	NNW	4	o	3	59	52	0.04		
Jersey ...	30.04	58	NW	2	c	29.89	- .30	57	55	o	N	1	o	1	64	55	-		
Brest ...	30.14	?	N	3	6	29.99	- .25	55	54	+ 1	NNW	3	m	2	61	52	-		
L'Orient ...	30.08	59	NW	2	6	29.98	- .22	55	54	+ 3	NNW	2	c	2	66	50	-		
Rochefort ...	29.98	62	NE	4	6	29.95	- .12	54	57	+ 9	N	2	o	3	70	45	-		
Biarritz ...	29.97	64	Z	o	6	29.91	- .10	57	50	+ 7	SSE	2	6	3	64	48	-		
Corunna ...	29.97	64	Z	o	6	29.91	- .10	57	50	+ 7	SSE	2	6	3	64	48	-		
Brussels ...	29.97	64	Z	o	6	29.91	- .10	57	50	+ 7	SSE	2	6	3	64	48	-		
Charleville ...	29.97	64	Z	o	6	29.91	- .10	57	50	+ 7	SSE	2	6	3	64	48	-		
Paris ...	29.97	57	NW	2	c	29.83	- .35	54	54	+ 3	NW	3	f	*	*	*	0.04		
Lyons ...	29.97	57	NW	2	c	29.83	- .35	54	54	+ 3	NW	3	f	*	*	*	0.04		
Toulon ...	29.83	66	NW	3	o	29.79	- .10	59	52	- 5	NNW	5	6	4	75	?	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.72	50	44	NNW	8	6	4	Valencia ...	30.23	60	55	N	3	6m	3
Thurso	30.02	57	50	NNW	5	0	4	Seilly							
Scarborough ...	29.97	55	54	NNW	3	m	3	London	30.02	59	56	NW	2	0	*
Greencastle ...	30.18	55	54	NNW	2	0	*	Rochefort ...	30.04	70	59	NE	5	6	3
Holyhead	30.10	56	55	N	5	mca	4								

The barometer is falling everywhere, but rather more in the SE, than elsewhere. The winds reported show very little change.

EXPLANATION OF COLUMNS.

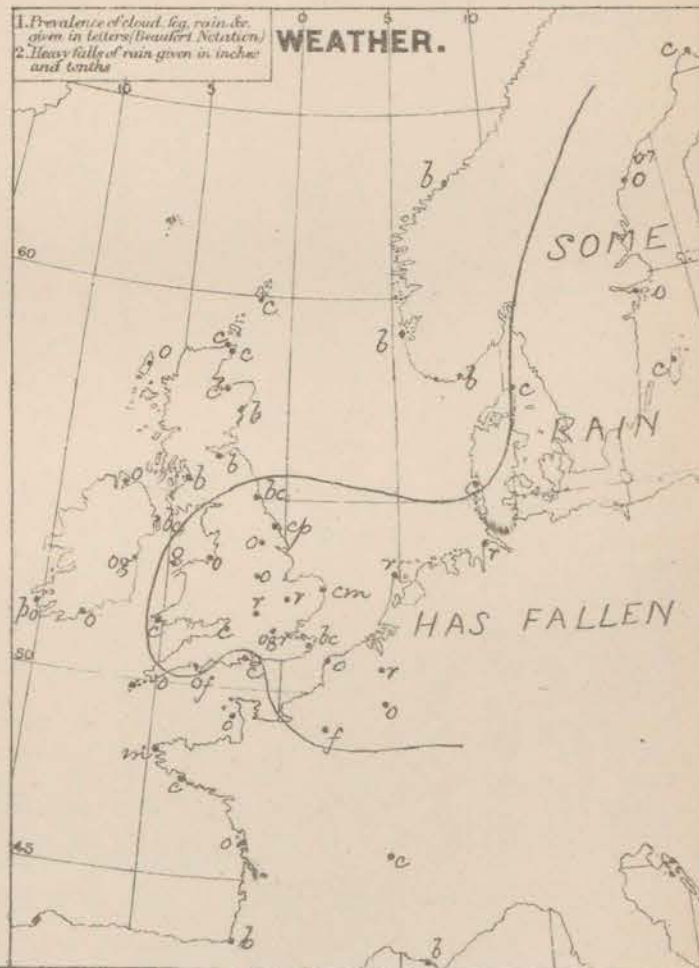
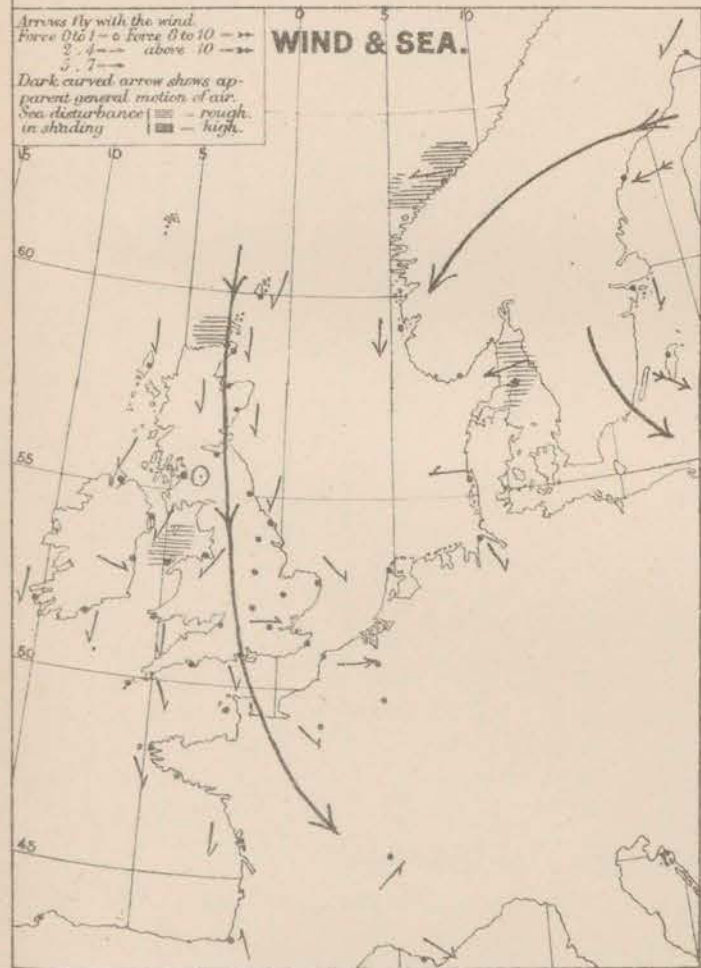
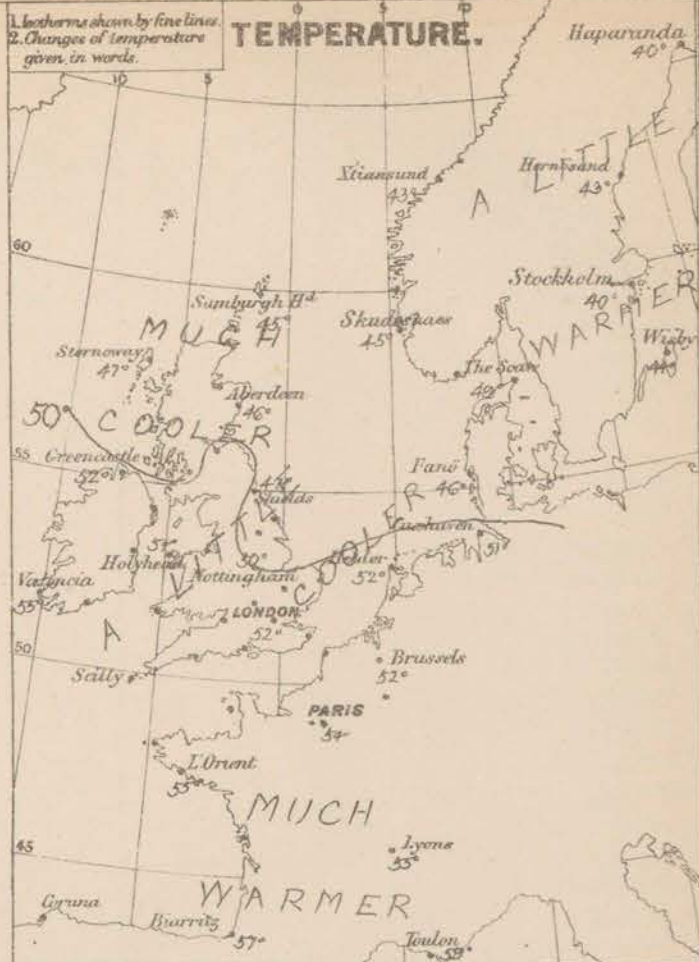
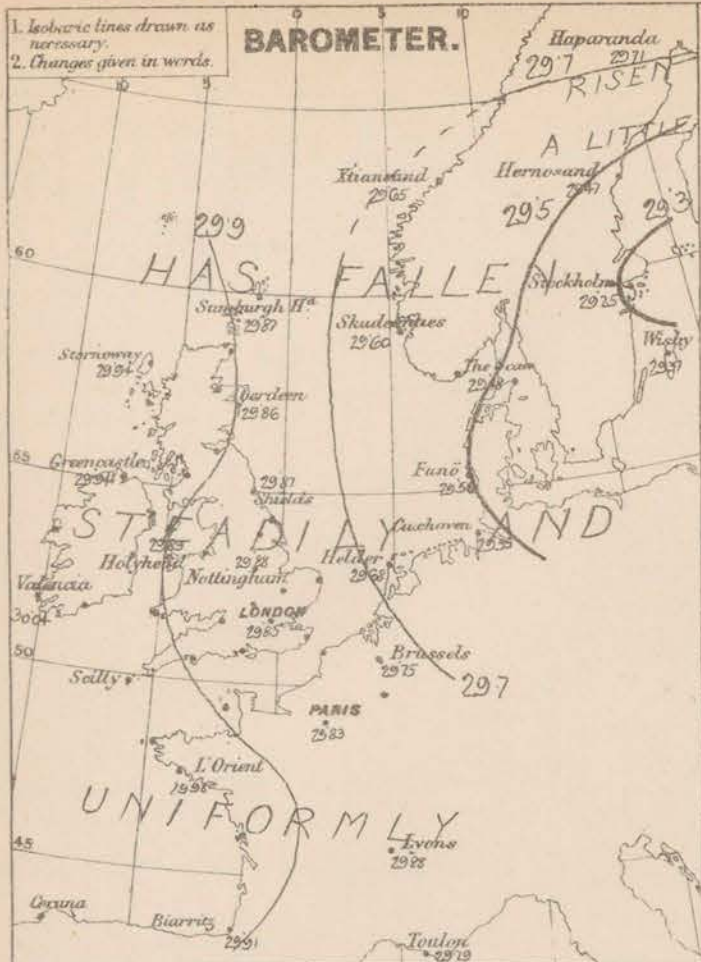
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS *for 8 a.m. on Thursday 20th SEPT^r 1877.*



REMARKS. Weather is very unsettled, dull and wet over England, France and the North Sea, but is improving in Scotland. Rain has fallen at almost all stations, but in our Island the amount has been small, while in parts of Scandinavia it has been heavy. Temperature shows very little change from that of yesterday except in Scotland, where it has fallen fast and is now about 46° ; i.e. 10° lower than in the south of England. Wind is still N^o at all but the south eastern stations, where it has backed to W. It is light to moderate generally, but blows strongly from NNW at Holyhead and from W at Bussaco. Sea is moderate in most places, smooth on our south coast.

Barometrical Indications. The barometer is still highest to the NWrd of our Islands, and lowest over the Gulf of Bothnia, the resulting gradients for Nth winds being comparatively slight. There are several local disturbances about and the barometer is falling on all coasts.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

SEPT^r 21st 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° E. 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 ...	29.76	39	NE	2	o	29.79	+ .03.	35	32	- 3	NE	4	o	*	*	*	-	
Hernösand ...	29.88	39	NE	8	+	29.67	+ .20.	40	38	- 2	NE	6	o	*	*	*	0.51	
Stockholm ...	29.40	43	N	4	e	29.47	+ .07.	40	39	- 1	N	4	o	*	*	*	0.24	
Wisby ...	29.36	44	N	6	bc	29.39	+ .03.	44	42	- 2	NE	2	+	*	*	*	0.28	
Christiansund ...	29.72	46	NE	2	o	29.79	+ .07.	39	38	- 1	ESE	1	o	4	54	32	-	
Skudesnaes ...	29.58	46	NNW	4	bc	29.73	+ .15.	50	42	- 8	ENE	1	o	2	52	43	-	
Oxö (Xtiansand) ...	29.57	53	NE	4	e	29.67	+ .10.	46	39	- 7	SW	4	bc	2	54	41	-	
Skagen (The Seaw) ...	29.54	46	NE	4	e	29.63	+ .09.	44	40	- 4	ENE	4	2	3	54	41	0.06	
Fanö ...	29.56	40	N	2	bc	29.60	+ .04.	43	41	- 2	N	2	bc	*	55	37	-	
Cuxhaven ...	29.52	*	NE	3	bc	29.59	+ .07.	50	47	- 3	ENE	2	bc	*	52	41	0.12	
Sumburgh Head ...	29.87	44	NNE	5	bc	29.91	+ .04.	46	42	- 4	N	4	bc	4	50	41	0.02	
Stornoway ...	29.97	48	NE	3	bc	30.05	+ .08.	44	42	- 2	NE	1	bc	4	57	39	0.07	
Thurso ...	29.91	47	NNE	5	e	29.96	+ .05.	48	45	- 3	NNE	4	bc	4	49	46	0.05	
Wick ...	29.92	45	NE	4	e	29.95	+ .03.	46	44	- 2	N	2	bc	3	48	40	0.10	
Nairn ...	29.91	47	N	4	o	29.96	+ .05.	46	43	- 3	N	6	bc	4	48	40	0.10	
Aberdeen ...	29.84	44	N	4	bc	29.89	+ .05.	44	40	- 4	N	4	bc	4	50	42	0.20	
Leith ...	29.87	50	NNE	1	+	29.92	+ .05.	48	40	- 8	N	2	bc	*	55	40	0.04	
Shields ...	29.82	46	N	2	+	29.84	+ .02.	47	45	- 2	N	5	bc	5	50	42	0.42	
Scarborough ...	29.78	48	NNW	4	o	29.79	+ .01.	47	45	- 2	N	3	cp	4	52	45	-	
York ...	29.82	47	NNW	1	o	29.83	+ .01.	44	40	- 4	N	2	o	7	54	39	0.01	
Nottingham ...	29.83	57	NNW	1	o	29.85	+ .02.	47	44	- 3	NNW	3	bc	*	57	35	-	
Ardrossan ...	29.87	50	NNE	1	bc	29.96	+ .09.	44	41	- 3	NN	2	bc	1	54	42	-	
Greencastle ...	29.90	50	NNE	2	o	29.98	+ .08.	49	45	- 4	NNE	2	bc	*	54	44	0.03	
Donaghadee ...	29.86	54	N	3	bc	29.95	+ .09.	49	46	- 3	NE	4	bc	3	56	48	-	
Kingstown ...	29.88	55	N	3	e	29.94	+ .06.	52	47	- 5	N	4	e	4	57	49	0.06	
Holyhead ...	29.86	53	NNE	4	e	29.91	+ .05.	50	46	- 4	NE	5	o	4	57	49	-	
Liverpool (Bidston) ...	29.83	50	NNE	2	o	29.88	+ .05.	46	43	- 3	N	2	bc	1	57	42	-	
Valencia ...	29.92	56	NNW	3	e	29.97	+ .05.	52	46	- 6	ENE	2	bc	2	61	47	0.01	
Roche's Point ...	29.93	56	NNW	3	e	29.93	+ .00.	48	45	- 3	NNE	3	bc	2	61	47	-	
Pembroke ...	29.82	54	N	3	e	29.88	+ .06.	48	44	- 4	NE	1	e	1	57	45	-	
Portishead ...	29.77	53	NNW	1	o	29.87	+ .10.	46	44	- 2	N	4	bc	4	60	42	-	
Scilly ...	29.80	57	N	1	o	29.84	+ .04.	50	47	- 3	NE	1	bc	*	62	48	-	
Plymouth ...	29.76	55	NE	3	o	29.82	+ .06.	47	45	- 2	N	2	bc	2	62	40	-	
Hurst Castle ...	29.74	52	NNW	2	o	29.73	- .01.	46	44	- 2	N	4	bc	2	55	43	0.36	
Dover ...	29.77	52	NNW	1	og	29.80	+ .03.	44	42	- 2	N	1	bc	*	53	39	0.12	
London ...	29.77	52	NNW	1	og	29.83	+ .06.	44	41	- 3	N	2	bc	*	53	39	0.03	
Oxford ...	29.80	53	N	1	o	29.78	- .02.	43	42	- 1	N	1	bc	*	58	37	0.03	
Cambridge ...	29.74	49	NNW	2	e	29.71	- .03.	50	47	- 3	NNW	3	bc	4	55	43	0.14	
Yarmouth ...	29.74	49	NNW	2	e	29.71	- .03.	50	47	- 3	NNW	3	bc	4	55	43	0.14	
The Helder ...	29.60	*	*	*	*	29.60	- .00.	48	46	- 2	N	2	o	*	*	*	0.16	
Cape Gris Nez ...	29.76	52	NNW	2	o	29.73	- .03.	48	46	- 2	N	4	bc	4	57	45	0.08	
Jersey ...	29.80	57	NNW	3	o	29.79	- .01.	52	49	- 3	NE	3	e	2	61	57	-	
Brest ...	29.91	?	N	2	o	29.86	- .05.	54	52	- 2	N	2	o	2	59	50	-	
L'Orient ...	29.87	57	NNW	3	o	29.78	- .09.	54	50	- 4	N	3	bc	2	61	50	-	
Rochefort ...	29.86	66	NNW	3	bc	29.75	- .11.	55	54	- 1	NNW	5	N	3	72	46	-	
Biarritz ...	29.82	64	NE	4	bc	29.69	- .13.	55	54	- 1	Z	0	o	2	64	48	-	
Corunna ...	*	*	*	*	*	29.65	- .10.	47	*	- 5	N	3	bc	*	*	*	0.30	
Brussels ...	*	*	*	*	*	29.65	- .10.	46	*	- 7	N	3	+	*	*	*	*	
Charleville ...	*	*	*	*	*	29.71	- .04.	49	48	- 1	NNW	3	+	*	*	*	0.16	
Paris ...	29.76	56	NNW	1	bc	29.77	+ .01.	57	*	+ 2	SE	2	e	*	*	*	*	
Lyons ...	29.76	60	NNW	5	bc	29.78	+ .02.	63	55	- 8	W	1	o	3	70	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.57	51	46	NNW	6	bc	2	Valencia	29.97	59	55	NNW	3	bc	3
Thurso	29.90	47	45	N	5	bc	5	Scilly							
Scarborough ...	29.80	50	47	NNW	4	e	4	London	29.80	57	49	NNW	1	od	*
Greencastle ...	29.92	53	49	N	2	o	*	Rochefort ...	29.89	70	63	NNW	1	bc	3
Holyhead	29.87	55	51	NNE	2	e	4								

The barometer continues to fall at all stations, and rain has again set in at Thurso and Pembroke. No other change is reported.

EXPLANATION OF COLUMNS.

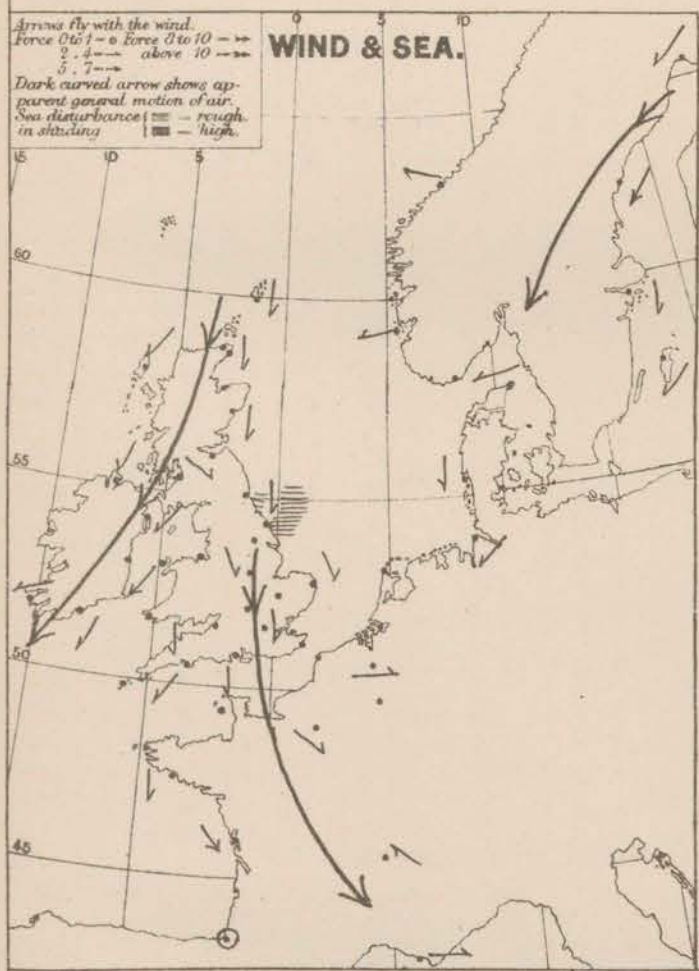
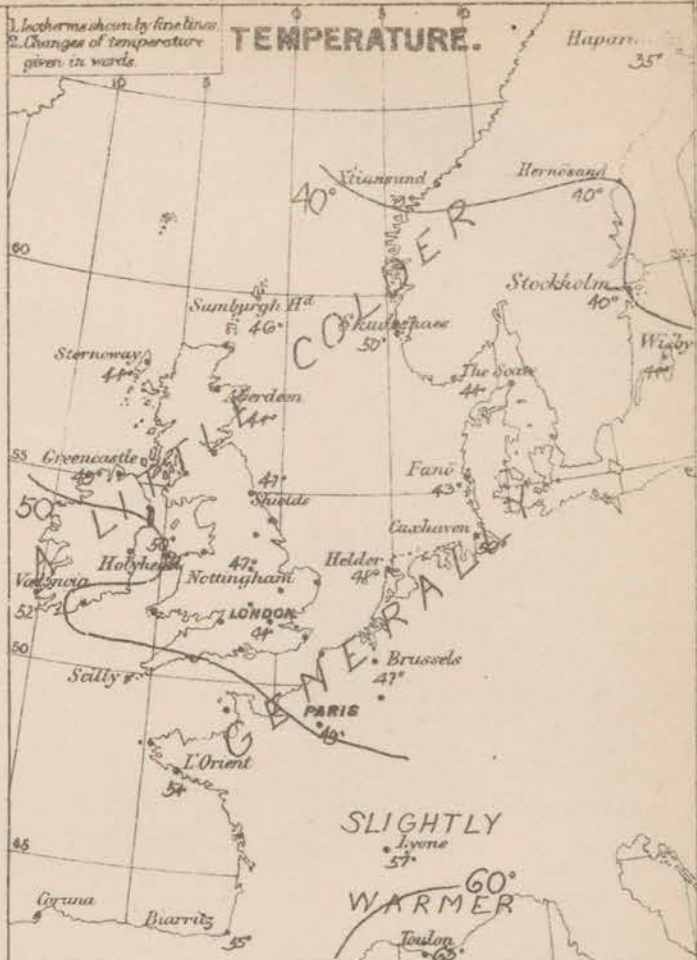
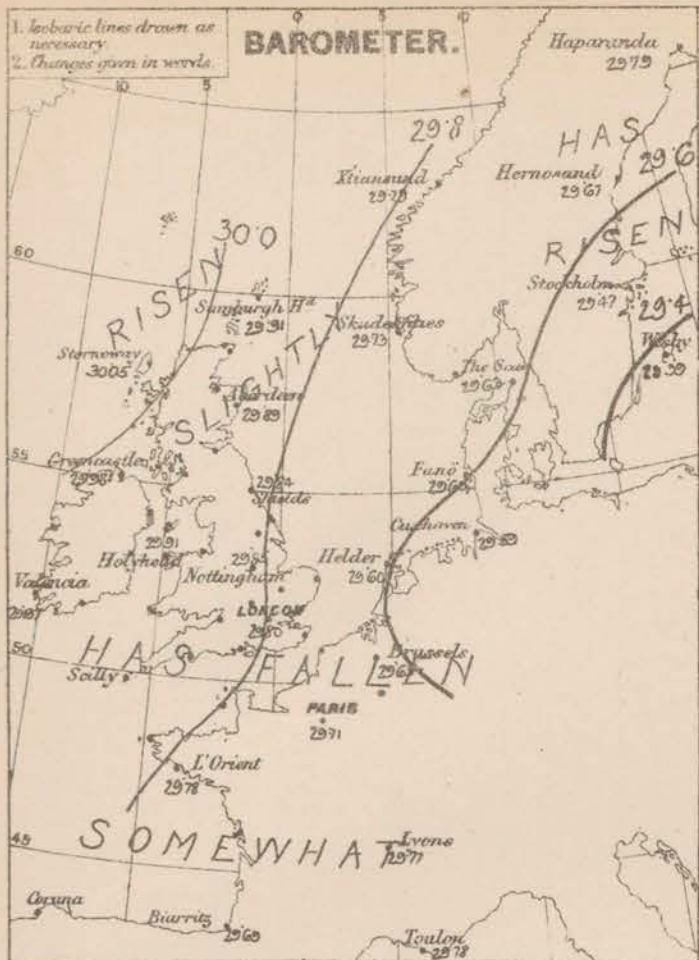
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Friday 21ST SEPT^R 1877.



REMARKS. Weather is much finer over our Islands generally than it was yesterday, the sky being clear in most places. On several parts of our north east coast, however, it is cloudy and stormy. Rain has fallen at all but the western stations, the amounts measured this morning being about 0.4 in. at Shields and Dover, 0.2 in. at Aberdeen, and about a tenth of an inch at most of our other eastern and north eastern stations. Temperature has again fallen over England and is now very low for the time of year. Over S^t Britain generally it varies from 46° to 50°, but in Ireland it is 48° to 52°. In the night it went down to 35° at Nottingham, 37° at Cambridge, and 39° at York, Oxford and London, while a slight frost occurred on the grass in London. Wind is N^W over the United Kingdom fresh in the north and north west, light elsewhere. In Denmark it is NE^W and in Belgium N^W. Sea is moderate in most places, smooth along our south coast.

Barometrical Indications. The barometer is now highest in the north west, lowest in the south east and south, and the gradients are slight. The mercury, however, is falling briskly in the south west of France and rising in our Islands, so that there is a tendency towards the production of steeper gradients for NE^{ly} winds over our Island 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

DAILY WEATHER REPORT SEPT^r 22^d 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 32° F. and Sea Level.	GRADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	GRADE TEMP.				
			Direc.	Force. (0 to 12).				Dry.	Wet.	Difference from 32° F. and Sea Level.	Direc.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda ...	29.78	34	NE	2	0	29.72	-.07	53	52	-.2	NE	4	3	*	*	*	-		
Hernösand ...	29.67	46	NNE	6	0	29.62	-.05	54	52	-.6	N	4	0	*	*	*	-		
Stockholm ...	29.56	38	N	4	0	29.04	+.07	58	58	-.2	N	4	0	*	*	*	0.08		
Wisby ...	29.57	44	NNE	6	0	29.58	+.19	41	39	-.3	N	6	0	*	*	*	0.31		
Christiansund ...	29.75	41	NNW	2	4	29.67	-.12	44	40	+.2	ESE	1	0	*	*	*	-		
Skudesnaes ...	29.73	44	NE	2	6	29.68	-.05	46	44	-.4	Z	0	0	1	52	46	0.05		
Oxö (Klansand) ...	29.74	46	N	4	7	29.71	+.04	45	40	-.1	NNW	4	5	2	55	39	-		
Skagen (The Bear) ...	29.69	46	N	2	0	29.71	+.08	42	39	-.2	N	3	0	2	52	34	0.25		
Fanö ...	29.70	59	N	2	7	29.70	+.13	40	44	-.3	ENE	2	0	*	52	36	-		
Cuxhaven ...	29.70	4	NE	2	6	29.75	+.16	48	47	-.2	SW	1	7	*	52	41	0.11		
Sumburgh Head ...	29.93	45	NNE	1	0	29.77	-.16	48	44	+.2	N	4	2	5	52	42	0.02		
Stornoway ...	29.05	46	NE	2	0	30.00	-.05	47	46	+.3	NN	3	0	4	50	42	0.06		
Thurso ...	30.09	47	NNE	5	0	29.90	-.06	48	47	0	NNW	5	0	5	54	45	0.06		
Wick ...	30.23	46	N	3	0	29.81	-.07	48	47	+.2	NN	2	0	2	53	42	0.01		
Nairn ...	30.02	47	N	3	7	29.46	-.10	47	45	+.1	Z	0	0	2	53	44	0.02		
Aberdeen ...	29.94	46	N	4	2	29.91	-.03	47	45	+.3	NNW	3	0	2	52	43	0.11		
Leith ...	29.96	52	N	2	0	29.96	+.00	45	45	-.2	NN	1	0	*	53	41	0.02		
Shields ...	29.91	49	NNE	5	0	29.96	+.05	45	43	-.2	NN	3	0	4	52	43	0.06		
Scarborough ...	29.91	48	NE	5	7	29.92	+.03	48	44	+.1	NNW	4	0	4	53	45	0.23		
York ...	29.88	49	N	3	7	29.96	+.08	44	42	0	NN	1	7	*	57	39	0.04		
Nottingham ...	29.89	44	NNW	2	7	29.89	+.10	46	43	-.1	NNW	1	0	*	59	36	0.07		
Ardrossan ...	29.98	54	NNE	1	0	30.02	+.04	45	45	+.4	NNW	3	0	2	60	7	-		
Greencastle ...	30.04	50	NE	2	7	30.07	+.03	49	47	0	NNE	1	0	*	55	45	0.04		
Donaghadee ...	30.00	51	NNE	4	7	30.04	+.04	49	47	0	NNE	3	0	2	53	46	0.01		
Kingstown ...																			
Holyhead ...	29.96	58	NNE	4	0	30.02	+.06	51	47	+.1	NNE	4	0	3	54	46	0.03		
Liverpool (Belton) ...	29.93	49	NNW	3	0	30.01	+.08	47	44	+.1	NE	1	7	2	52	42	0.01		
Valencia ...	30.02	54	NE	2	0	30.15	+.13	54	46	-.2	N	3	7	3	58	40	-		
Roche's Point ...	30.02	52	NE	3	7	30.11	+.09	45	42	-.3	NNE	3	7	3	57	44	-		
Pembroke ...	29.94	50	NNE	3	7	30.02	+.08	49	45	+.1	NNE	1	7	0	54	44	-		
Portishead ...	29.88	53	N	4	0	29.99	+.11	46	44	0	NNW	3	7	2	61	41	-		
Scilly ...																			
Plymouth ...	29.84	52	NNE	2	7	30.00	+.16	47	45	-.3	NE	1	0	*	58	41	-		
Hurst Castle ...	29.89	52	NNW	2	7	30.00	+.11	46	44	-.1	N	2	0	2	56	39	-		
Dover ...	29.79	51	NNW	4	7	29.88	+.09	48	46	+.2	N	3	7	1	55	44	0.07		
London ...	29.81	51	NNE	2	7	29.93	+.12	45	43	+.1	NNW	1	7	*	56	37	0.03		
Oxford ...	*	*	*	*	*	29.98	+.17	45	42	+.1	N	1	7	*	54	40	-		
Cambridge ...	29.83	47	N	1	0	29.94	+.11	43	42	0	N	1	7	*	57	38	0.01		
Yarmouth ...	29.76	50	NNW	3	7	29.87	+.11	49	47	-.1	NNW	2	0	3	54	42	0.17		
The Helder ...	*	*	*	*	*	29.80	+.00	50	47	+.2	N	1	0	*	*	*	0.12		
Cape Gris Nez ...	29.79	52	N	4	7	29.88	+.09	48	45	0	N	2	7	2	57	46	0.32		
Jersey ...	29.86	51	NE	3	0	29.94	+.08	51	46	-.1	N	4	0	3	56	47	-		
Brest ...	29.91	51	NE	2	0	30.02	+.11	48	46	-.6	NE	2	7	2	61	41	-		
L'Orient ...	29.84	54	NE	4	7	29.95	+.11	50	46	-.4	NE	3	0	3	63	43	-		
Rochefort ...	29.78	63	NN	3	0	29.84	+.06	50	45	-.5	NE	4	7	3	72	?	-		
Biarritz ...	29.72	64	NNE	3	0	29.76	+.07	55	52	0	N	1	7	3	66	50	0.43		
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*	29.84	+.04	42	*	-.5	W	3	7	*	*	*	0.09		
Charleville ...	*	*	*	*	*	29.81	+.01	37	*	-.9	E	0	7	*	*	*	*		
Paris ...	29.78	51	N	3	2	29.86	+.08	44	42	-.5	NNW	1	7	*	*	*	-		
Lyons ...	*	*	*	*	*	29.80	+.02	55	*	-.2	N	4	0	*	*	*	*		
Toulon ...	29.46	63	SW	1	0	29.63	-.17	61	59	-.2	W	4	2	4	66	61	0.43		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.72	52	45	ESE	2	2	Valencia	30.01	58	52	NNE	3	0	4
Thurso	30.00	51	48	NNE	5	4	Scilly							
Scarborough ...	29.82	51	48	N	5	phrc	London	29.82	52	48	N	2	0	*
Greencastle ...	30.02	54	48	NE	2	7	Rochefort ...	29.76	63	55	NNW	3	0	3
Holyhead	29.96	52	47	N	5	0								

Weather is fine in Ireland and the West of England, but cloudy and showery in the East and North. Wind continues N^{ly} everywhere, and in the NE. blows freshly. Pressure is rising slightly on all coasts.

EXPLANATION OF COLUMNS.

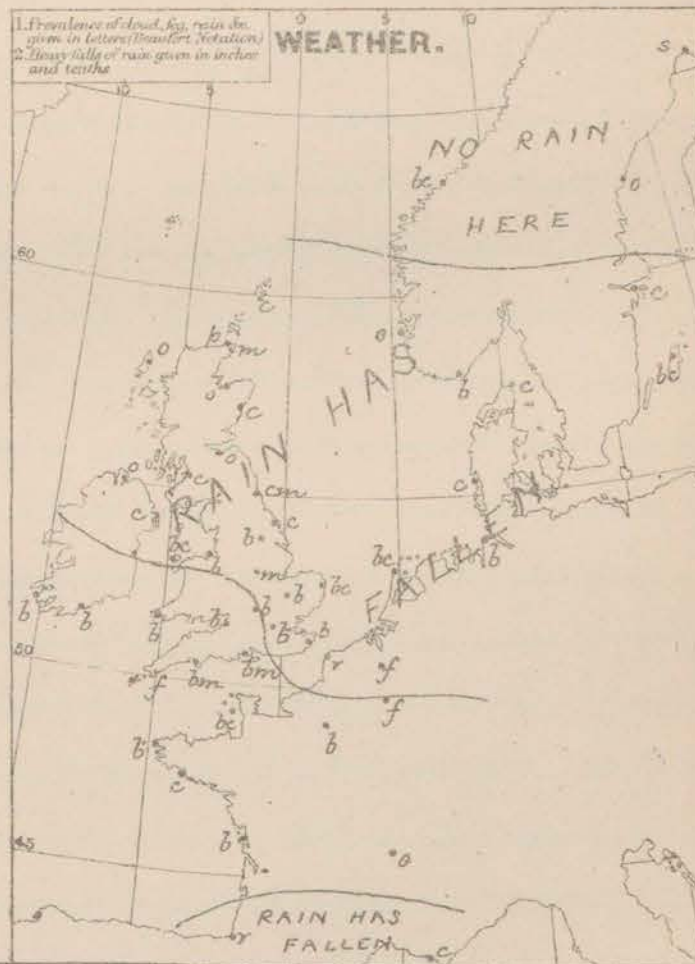
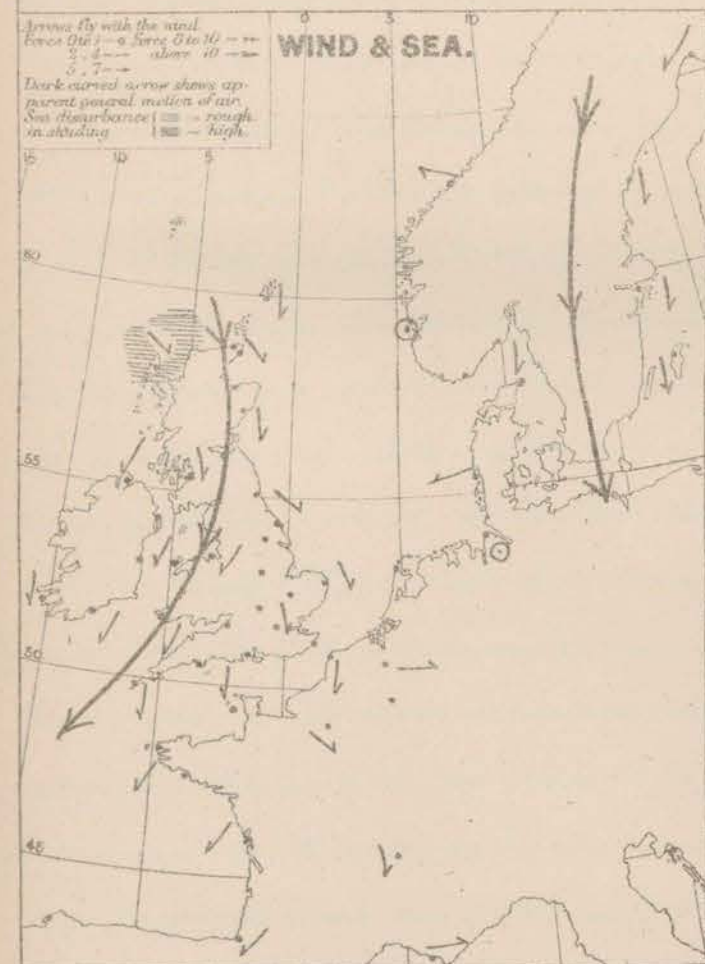
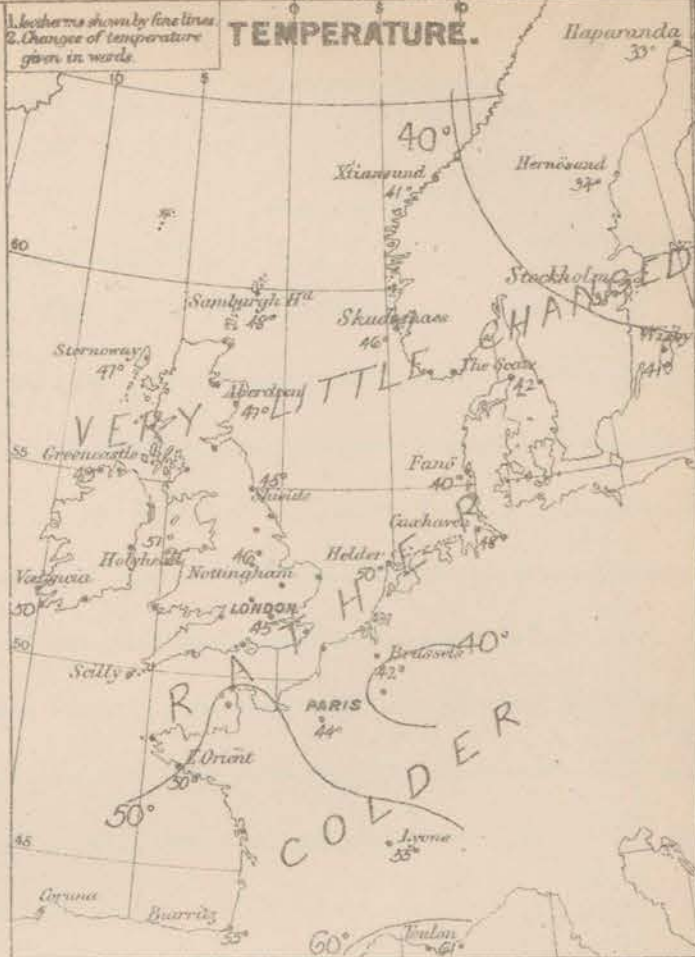
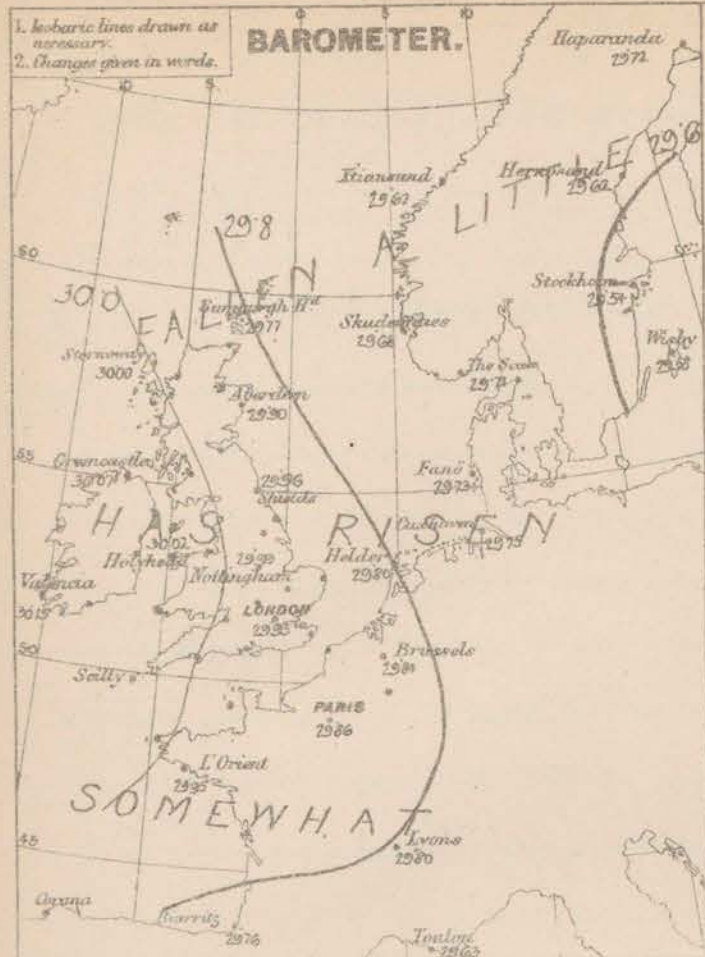
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

WEATHER CHARTS for 8 a.m. on Saturday 22ND SEPT^R 1877.



REMARKS. Weather is now fine over nearly the whole of the British Isles and France, but in Caithness showers are still falling. In the north of Sweden snow is falling. Rain fell at all but the south western stations yesterday, and hail in some places, but the amount was small generally. At Biarritz, Cape Gris Nez and the Scaw, however, about 0.4 in. fell. Temperatures have again decreased on the Continent, and is as low as 33° in the north of Sweden, while it varies from 46° to 50° over our Islands and France. In the course of the night it went down to 36° or 38° in the shade over the inland parts of England, while on the grass in London a reading of 28° was registered. Wind is moderate from NW in Scotland, light from N over England and Ireland, and from NE in the west of France. In Belgium and the Netherlands it is still W. Sea is moderate in the north and east, smooth elsewhere.

Barometrical Indications The barometer has now begun to rise on all the south western and southern coasts, but still falls a little in the north, as well as in the south of France. Readings vary from 30.15 in. at Valencia to 29.6 in. at London and 29.5 in. at Stockholm.

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

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

R. H. SCOTT.
Secretary.

SUMMARY OF WEATHER IN WESTERN EUROPE

from SEPT 16th to SEPT 22nd 1877.

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

Pressure has been very unsteady during this week, but from first to last the general distribution has remained ^{almost} unchanged, readings having been permanently high over our western stations, and low over Scandinavia and the Baltic. The wind has consequently been N^{ly} generally; on most coasts it has been moderate in force, but increased to a fresh breeze in the NE. on some occasions. Temperature has been very low during the whole period, more particularly in the SE. where it has been much below the average for the season. The weather has been fair, and though showers have fallen in many parts of the country they have never been heavy. On the 18th great transparency of the air was noticed over Central England, and the tower of Lincoln Cathedral was seen from Baxtha Hill Nth Sheffield, a distance of 50 miles.

SEPT 16th Pressure was increasing in all places except London— briskly in the E. and N. of these Islands. A large area of high readings (30.3 ins.) lay over Ireland and the West of England, while two small depressions (29.4 ins.) were shown, one over the Sound, the other near Christiansund. Gradients were steep in the E. Wind was N^W^{ly} over Scotland, and on both shores of the North Sea, but N^{ly} and NE^{ly} at our Nth stations, and over the Bay of Biscay. It blew strongly in Norway and Denmark, and reached the force of a hard gale at Aachaven. Temperature had fallen in most places from 5° to 10° at our more Sth stations; it was very uniform over these Islands, varying from 55° or 54° in the West and North of our Islands to 48° at London. At Aaparanda the thermometer was only 31° at 8 am. Weather was very fine over these Islands and France, but rain was falling on the eastern shores of the North Sea. In the evening pressure was still increasing except in the SE. and over France, weather remained very fine with a ^{light} N^{ly} breeze.

SEPT 17th Pressure was still giving way in the SE. and in the E. of France, but was rising in all other places, as much as 0.5 in. at some of the Scandinavian stations—; it was highest (30.49 ins.) at Tromsø, lowest (29.99 ins.) at Aachaven. Wind was N^{ly} on our coasts, NE^{ly} over the N. of France, and N^W^{ly} in the east of that country; it was light or moderate in force generally, but blew strongly at Cape Livis Nis and at Brussels. Temperature had again fallen, it was low for the time of year particularly in the S. Sky had become cloudy at our NEth stations, but remained clear in the N. Sth, and over France, weather had been dry. No change of importance occurred during the day.

SEPT 18th A deep depression 29.5 ins. had advanced during the night to the N. of Sweden, the barometer had fallen rapidly there, and to a less extent at all the more Nth stations, while in France the mercury still decreased slowly. Readings continued highest (30.4 ins.) over Ireland. Wind which was light varied from N^W at our Nth stations, through N. at our Southern, to NE over France, but in Scandinavia fresh or strong N^{ly} winds were reported. Temperature had risen slightly in the N. but was almost unchanged elsewhere. It was very uniform at about 50° over the whole of these Islands. Weather was very fine at our

Westerly stations, but more or less cloudy elsewhere. The depression from the N. of Sweden, moved S.W. during the day, to the Gulf of Bothnia, and the barometer fell in all places.

SEPT^r 19th Pressure had decreased more than half an inch in the S. of Sweden, and North Germany, and to a less extent elsewhere; it varied from 30.3 in. at Valentia, to 29.35 in. at Hernosand. Wind was N.E. over the west of France, and south-west of Ireland, N.N.W. on all other coasts; it was fresh or strong in force except in the S. of England, and at Hernosand and Wisby reached a fresh gale. Temperature had risen a little over England and Ireland; it was still low generally varying from 50° to 55°. Weather remained fine in the S.W. but was very cloudy elsewhere with rain in some places. During the day the barometer continued to decrease but no other change was reported.

SEPT^r 20th The mercury had fallen in all places except the N. of Sweden. The depression noticed on the past two days still lay over the Baltic, Stockholm had the lowest reading (29.25 in.) while the highest continued in the West of Ireland (Valentia 30.04 in.). Wind was generally N.W., it had fallen moderate on our coast, but the gale still held at Hernosand and Wisby. Temperature had fallen several degrees at our N.W. and N.E.W. stations and risen somewhat over France, elsewhere it was very little changed. Weather was fine in the N. of Norway, dull, wet and unsettled in these Islands and the greater part of France. No change of importance occurred during the day.

SEPT^r 21st A recovery in pressure had commenced on our N.W. and N.E. coasts, while the rise of the barometer noticed in the N. of Sweden on the previous day, had spread to all the other Scandinavian and Danish stations. In the S.E. and over France the mercury still fell. Wind continued N.W. generally, it was light or moderate on most coasts, but blew freshly in the N.E. and at Holyhead. Temperature had again fallen and was very low for the season, varying from 44° at Stornoway and in London, to 50° on our S.W. coasts. Weather was overcast and wet in France, but was fine at most of our stations, though in the N.E. it was showery. Later Reports showed a general though slight rise of the mercury with cold, fine weather.

SEPT^r 22nd Pressure was falling somewhat in the N. of Scotland and in Scandinavia, but still rose steadily elsewhere. The general distribution remained unaltered, the highest readings lying off Ireland, the lowest over the Baltic. Wind consequently remained N.W. (N.W. to N.E.); it was everywhere moderate or light in force. Temperature was scarcely changed over the British Isles, but a further fall was reported from the Continent; at 8 am. the thermometer was as low as 44° at Paris, 37° at Charleville, and 35° in the North of Sweden. Weather was fine generally, but at Cape Frio Neg and Thurs, rain, and at Haparanda snow were falling. During the day the decrease of pressure noticed in the N. spread S.W. to some of the English stations, and the sky became more cloudy.

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

DAILY WEATHER REPORT

SEPT. 23rd 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 2.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	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.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.69	32	NE	4	0	29.69	- .03	32	71	- 1	NE	4	c	*	*	*	-	
Hernösand ...	29.66	35	N	2	0	29.72	+ .10	35	31	+ 1	N	2	c	*	*	*	-	
Stockholm ...	29.60	36	NNW	2	6	29.64	+ .10	35	35	- 3	NNW	2	6	*	*	*	-	
Wisby ...	29.64	41	N	4	c	29.68	+ .10	41	38	0	NNE	4	6	*	*	*	0.04	
Christiansund ...	29.68	42	E NE	2	6	29.74	+ .07	39	38	- 2	SSE	1	6	3	50	36	-	
Skudesnaes ...	29.63	43	NNE	2	6	29.70	+ .02	45	42	- 1	ENE	2	6	2	46	43	-	
Oxö (Kiliansand) ...	29.63	44	SSE	4	c	29.64	- .07	42	41	+ 1	NNE	6	4	4	50	37	-	
Skagen (The Scaev) ...	29.67	45	N	2	c	29.66	- .05	47	42	+ 5	E	3	0	2	52	41	-	
Fanö ...	29.66	42	Z	0	6	29.59	- .14	45	44	+ 5	E	3	c	*	52	39	-	
Cuxhaven ...	29.70	4	W	3	7	29.57	- .18	49	49	+ 1	S	1	+	*	52	45	0.25	
Sumburgh Head ...	29.71	46	NNE	4	6	29.76	+ .09	45	43	- 3	NNE	3	6	2	51	44	0.01	
Stornoway ...	29.92	51	NN	1	0	29.98	- .02	45	46	+ 5	NN	1	0	2	52	46	0.02	
Thurso ...	29.83	48	NNW	5	0	29.91	+ .01	48	47	0	NNW	4	6	4	56	46	0.10	
Wick ...	29.83	46	NNW	5	0	29.92	+ .04	47	47	- 1	NN	2	0	1	53	42	0.06	
Nairn ...	29.85	50	NN	3	c	29.93	- .03	47	44	0	NN	4	0	3	57	46	0.02	
Aberdeen ...	29.77	50	NNW	4	6	29.87	- .03	49	46	+ 2	NNW	3	6	2	55	45	0.09	
Leith ...	29.95	53	NNW	2	6	29.90	- .04	57	46	+ 6	N	2	6	*	56	44	-	
Shields ...	29.87	52	W	3	0	29.89	- .07	48	45	+ 3	N	4	0	4	54	45	0.02	
Scarborough ...	29.88	50	NNW	2	0	29.86	- .06	50	46	+ 2	NNW	3	0	3	57	46	0.11	
York ...	29.93	50	NN	2	0	29.89	- .07	50	46	+ 6	NN	3	6	2	55	42	0.01	
Nottingham ...	29.97	50	N	2	c	29.93	- .06	57	47	+ 5	NNW	2	0	*	59	43	-	
Ardrossan ...	29.90	53	NN	4	0	29.89	- .13	53	47	+ 2	NNW	3	6	3	55	48	-	
Greencastle ...	30.05	58	NN	2	0	29.97	- .10	50	50	+ 2	NNE	2	0	*	56	48	0.18	
Donaghadee ...	30.03	53	NN	4	c	29.97	- .07	57	51	+ 2	NN	5	0	4	56	49	0.04	
Kingstown ...																		
Holyhead ...	30.02	54	NNW	4	c	29.96	- .16	55	52	+ 4	NN	6	c	5	55	50	0.01	
Liverpool (Bidston) ...	29.98	57	NNW	3	c	29.92	- .09	57	50	+ 4	NNW	2	0	3	54	47	0.13	
Valencia ...	30.17	53	N	3	6	30.17	+ .02	50	49	0	N	3	c	3	57	43	0.02	
Roche's Point ...	30.14	52	NNE	4	c	30.13	+ .02	50	47	+ 5	N	3	c	3	57	45	-	
Pembroke ...	30.05	50	N	1	6	30.02	- .01	52	49	+ 3	NW	4	0	3	55	48	-	
Portishead ...	29.98	52	NNW	1	6	29.97	- .02	52	50	+ 6	W	5	0	4	60	44	-	
Seilly ...																		
Plymouth ...	30.03	52	NW	1	6	30.03	+ .03	49	48	+ 2	Z	0	0	*	59	52	-	
Hurst Castle ...	29.98	52	NNE	2	0	29.96	- .04	52	51	+ 6	NNW	2	6	2	55	43	-	
Dover ...	29.94	50	N	3	6	29.90	- .02	50	47	+ 2	W	3	6	2	56	47	-	
London ...	29.96	53	NNW	1	6	29.92	- .01	48	47	+ 3	NNW	2	6	*	58	44	0.03	
Oxford ...						29.92	- .06	50	47	+ 5	W	2	0	*	52	43	-	
Cambridge ...	29.93	48	N	1	c	29.88	- .06	50	49	+ 7	N	1	0	*	60	42	0.01	
Yarmouth ...	29.88	50	NN	3	c	29.81	- .06	49	48	0	NNW	3	6	3	54	46	0.08	
The Helder ...						29.67	- .13	55	57	+ 5	NNW	3	c	*	*	*	0.39	
Cape Gris Nez ...	29.91	44	N	3	c	29.87	- .01	52	50	+ 4	N	3	c	3	59	46	0.20	
Jersey ...	30.01	52	N	3	6	30.03	+ .09	52	49	+ 1	NN	2	0	1	57	49	-	
Brest ...	30.10	54	SE	3	6	30.11	+ .09	52	48	+ 4	N	2	0	3	?	45	-	
L'Orient ...	30.00	54	NNE	5	6	30.07	+ .12	52	48	+ 2	N	3	6	2	63	45	-	
Rocheport ...	29.90	63	NNE	4	6	30.00	+ .16	50	46	0	NE	5	6	3	66	43	-	
Biarritz ...	29.87	61	NNE	4	c	29.95	+ .19	46	43	- 9	ENE	4	6	3	?	45	-	
Corunna ...																		
Brussels ...						29.85	+ .01	47		+ 5	SW	4	0	*	*	*	0.02	
Charleville ...						29.90	+ .09	37		0	SE	1	6	*	*	*		
Paris ...	29.90	53	NNW	3	6	29.97	+ .11	45	43	+ 1	NNW	2	c	*	*	*	-	
Lyons ...						29.94	+ .14	52		- 3	N	4	6	*	*	*		
Toulon ...	29.66	59	NN	4	6	29.70	+ .07	52	46	- 9	NN	5	0	5	68	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.63	46	43	W	1	2	Valencia ...	30.18	55	50	N	1	6	2
Thurso	29.82	51	50	NNW	5	6	Seilly							
Scarborough ...	29.92	51	48	NNW	3	0	London	29.95	55	48	NNW	2	6	*
Greencastle ...	30.07	57	48	N	1	0	Rochefort ...	29.87	64	54	NE	4	c	3
Holyhead	30.07	53	49	NNW	4	c								

No important change.

EXPLANATION OF COLUMNS.

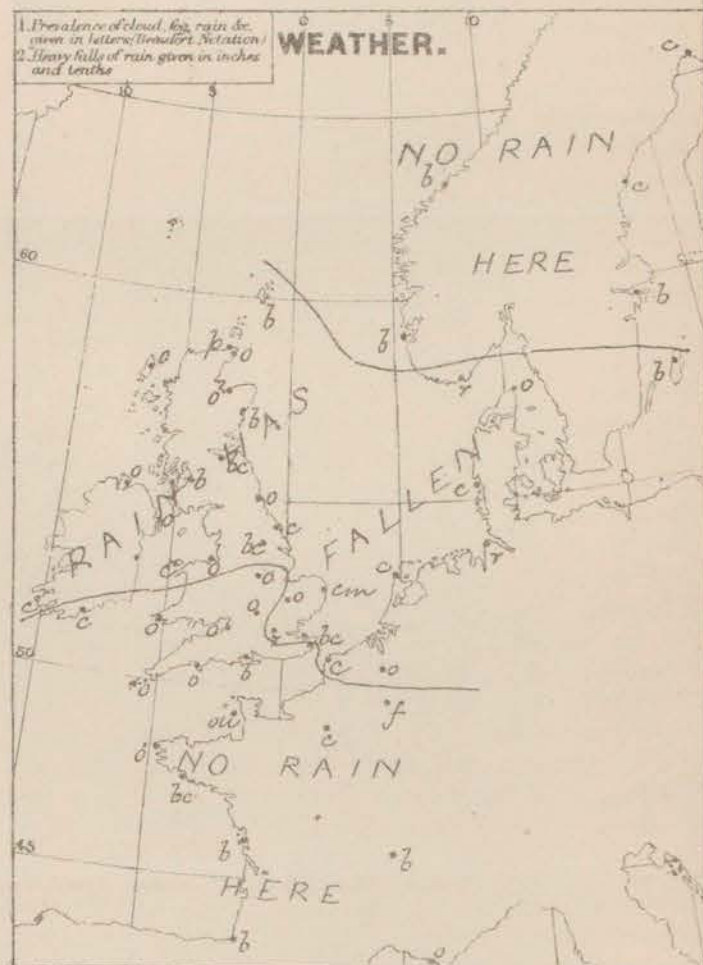
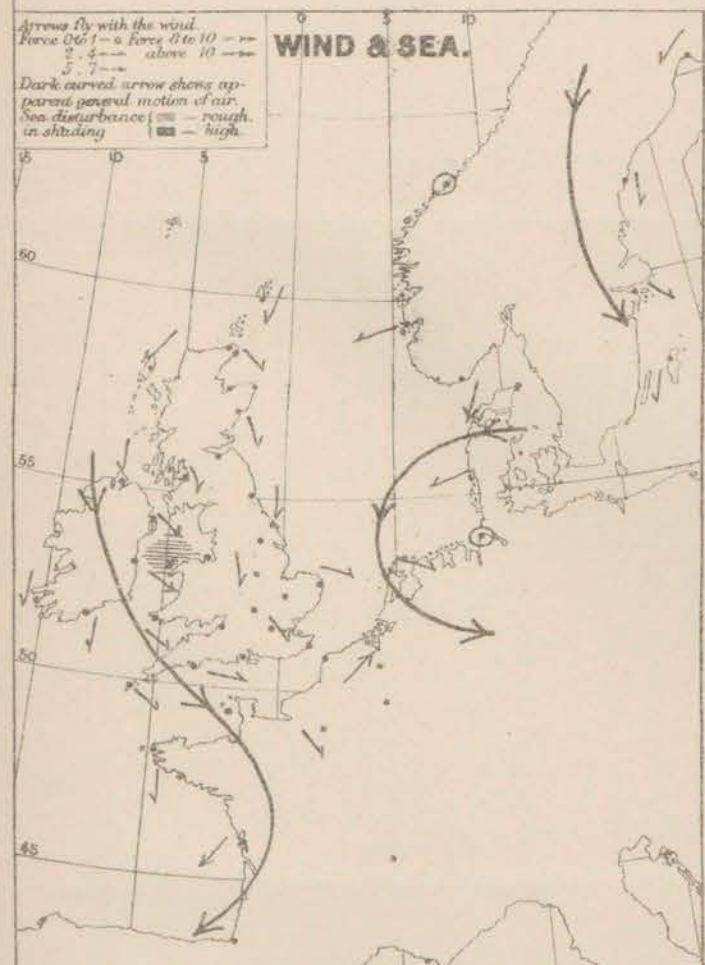
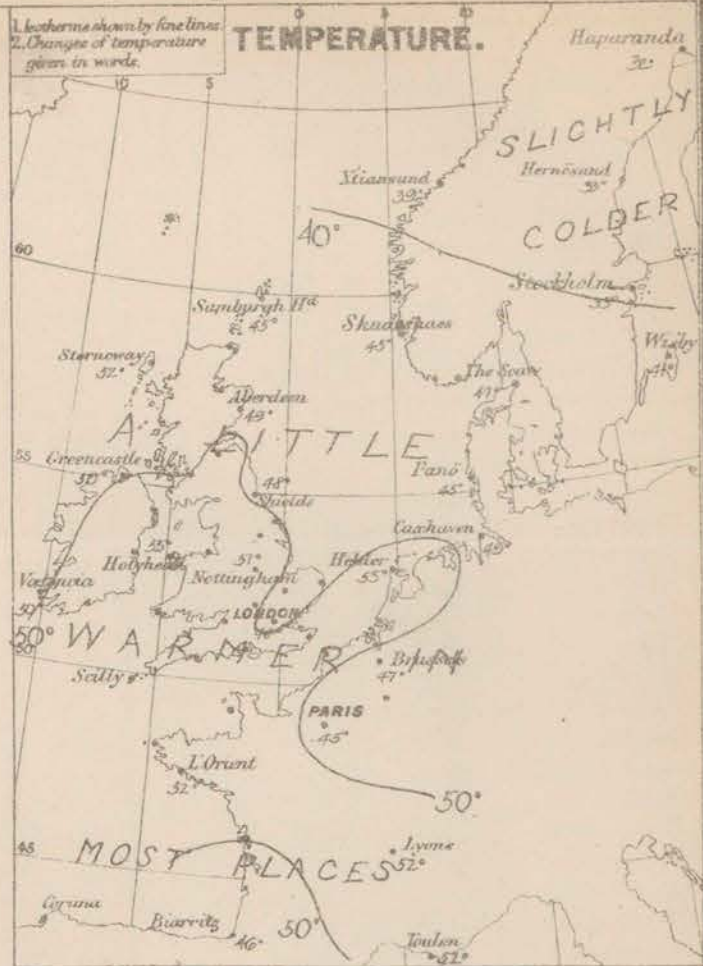
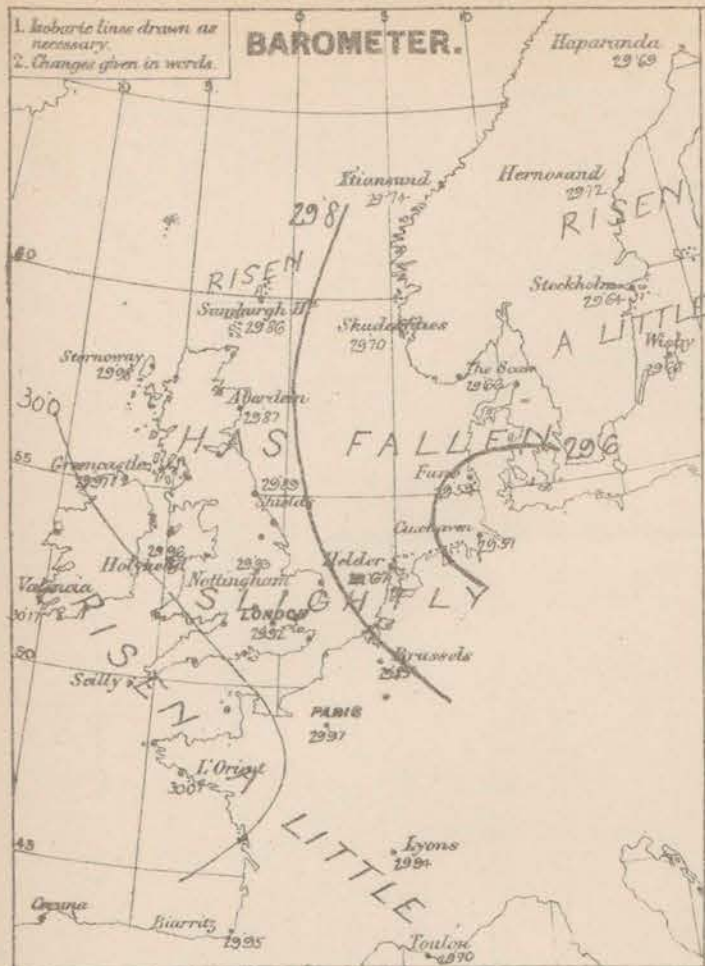
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Sunday 23rd SEPT^r 1877.



REMARKS. Weather is clear in the south of France and also in the east of Scotland, but is very cloudy in other places, and in London some rain is falling. Rain fell yesterday in most parts of these Islands, and in the Netherlands, but the amounts were in no case large; in France the weather has been generally dry. Temperature has risen a little since yesterday in most places; it is now uniformly low over the United Kingdom, the readings at dawn varying from 47° to 52°. The maximum readings over England yesterday were all below 60°, with the exception of that at Cambridge, which just touched that amount. The minimum reached in London last night was 41°. Wind is light or moderate from N or NNW in all but our south coasts, where it draws into WNW and W; in the south of France NE⁴ breezes are still prevailing. A moderate NW⁴ gale blew in St. George's Channel last night. Sea is rather rough at Holyhead, slight elsewhere.

Barometrical Indications. The barometer has fallen a little over the North Sea and the adjacent countries, but is now rising again in the north of Scotland. In France and the south of Ireland also a slight rise is reported. Gradients for NE⁴ breezes seem likely to continue.

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 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 320 F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.			
			Direc.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	29.78	34	N	2	0	29.93	+ .24	29	28	- 3	NE	2	0	*	*	*	-		
Hernösand ...	29.80	34	N	2	0	29.93	+ .21	35	32	+ 2	N	2	0	*	*	*	-		
Stockholm ...	29.69	35	NNW	2	0	29.78	+ .14	37	36	+ 2	N	2	0	*	*	*	0.08		
Wisby ...	29.71	37	NNE	4	0	29.78	+ .10	40	39	- 1	ENE	4	0	*	*	*	0.20		
Christiansund ...	29.82	39	SE	1	0	29.95	+ .21	37	36	- 2	Z	0	0	2	46	34	-		
Skudesnaes ...	29.75	45	NNE	2	0	29.96	+ .26	46	41	+ 1	SE	2	0	3	50	45	-		
Oxö (Xtiansand) ...	29.78	42	NE	4	0	29.91	+ .27	41	37	- 1	NNW	4	0	2	45	39	-		
Skagen (The Saaw) ...	29.77	42	ENE	3	0	29.90	+ .24	44	36	- 3	E	12	0	3	48	37	0.04		
Fanö ...	29.73	44	NE	2	0	29.85	+ .26	40	39	- 5	NNE	4	0	*	52	46	-		
Cuxhaven ...	29.68	4	N	1	0	29.78	+ .21	49	48	0	E	2	0	*	52	43	0.11		
Sumburgh Head ...	29.94	44	N	3	0	30.07	+ .21	45	42	0	N	2	0	1	52	39	0.03		
Stornoway ...	30.01	50	NE	1	0	30.13	+ .15	48	46	- 4	N	1	0	2	52	44	0.01		
Thurso ...	29.98	49	NNW	3	0	30.09	+ .18	48	46	0	NNW	2	0	3	55	46	0.03		
Wick ...	30.07	48	NW	3	0	30.10	+ .18	42	41	- 5	NW	2	0	1	52	33	0.06		
Nairn ...	29.98	49	Z	0	0	30.10	+ .17	45	41	- 2	Z	0	0	2	53	41	0.04		
Aberdeen ...	29.93	49	NNW	2	0	30.07	+ .20	46	44	- 3	NNW	2	0	1	53	41	0.01		
Leith ...	29.95	50	E	1	0	30.09	+ .19	46	44	- 5	N	1	0	*	61	44	0.02		
Shields ...	29.95	50	N	3	0	30.06	+ .17	45	44	- 3	NNW	3	0	3	53	44	0.07		
Scarborough ...	29.94	49	NNW	3	0	30.03	+ .17	48	46	- 2	N	4	0	*	53	46	0.29		
York ...	30.05	48	N	1	0	30.05	+ .16	45	43	- 5	N	2	0	*	55	41	-		
Nottingham ...	29.97	51	NNW	1	0	30.08	+ .15	50	46	- 1	N	3	0	*	60	45	0.01		
Ardrossan ...	29.95	55	NW	2	0	30.11	+ .22	47	45	- 3	NE	2	0	1	59	43	-		
Greencastle ...	30.00	57	N	1	0	30.10	+ .13	50	48	0	NNW	1	0	*	56	46	0.02		
Donaghadee ...	30.00	52	NW	3	0	30.11	+ .14	50	49	- 1	N	3	0	2	55	45	-		
Kingstown ...	29.99	54	NNW	4	0	30.07	+ .11	53	50	- 2	N	3	0	2	56	52	0.03		
Holyhead ...	29.99	51	NW	1	0	30.06	+ .14	49	47	- 2	ESE	1	0	1	56	43	-		
Liverpool (Bidston) ...	29.97	51	NNW	3	0	30.16	- .01	54	53	+ 4	N	2	0	2	57	?	0.07		
Valencia ...	30.13	52	NNW	3	0	30.13	00	52	49	+ 2	NNE	3	0	3	58	45	-		
Roche's Point... ..	30.13	54	NNW	3	0	30.13	00	52	49	+ 2	NNE	3	0	3	58	45	-		
Pembroke ...	30.01	55	NW	1	0	30.09	+ .07	54	51	+ 2	NE	1	0	1	?	57	0.01		
Portishead ...	29.96	55	NNW	2	0	30.06	+ .10	48	47	- 4	NNW	1	0	3	59	44	-		
Scilly ...	30.07	54	Z	0	0	30.07	+ .04	51	50	+ 2	Z	0	0	*	58	45	-		
Plymouth ...	29.93	60	NNW	2	0	30.06	+ .10	49	48	- 3	NNW	1	0	1	?	44	0.02		
Hurst Castle ...	29.89	53	NNE	2	0	30.00	+ .10	49	46	- 1	N	3	0	1	57	45	-		
Dover ...	29.94	54	N	1	0	30.04	+ .12	49	46	+ 1	NNW	1	0	*	57	43	-		
London ...	30.05	54	N	1	0	30.05	+ .13	47	46	- 3	Z	0	0	*	54	45	-		
Oxford ...	29.94	49	N	1	0	30.01	+ .13	48	46	- 2	NW	1	0	*	61	41	-		
Cambridge ...	29.88	52	NNW	3	0	29.97	+ .16	48	47	- 1	NW	3	0	3	55	42	0.06		
Yarmouth ...	29.88	52	NNW	3	0	29.97	+ .16	48	47	- 1	NW	3	0	*	*	*	0.08		
The Helder. ...	29.90	54	N	2	0	29.99	+ .12	50	46	- 2	NNW	3	0	2	57	50	-		
Cape Gris Nez ...	30.00	55	NW	3	0	30.05	+ .02	54	52	+ 2	N	2	0	2	60	57	0.39		
Brest ...	30.10	?	N	3	0	30.12	+ .01	54	52	+ 2	N	2	0	2	57	50	0.12		
L'Orient ...	30.04	54	NE	3	0	30.08	+ .01	55	52	+ 3	N	3	0	3	?	48	-		
Rochefort ...	29.97	61	N	5	0	30.05	+ .05	55	52	+ 5	NE	3	0	3	68	43	-		
Biarritz ...	29.92	61	NNE	2	0	30.02	+ .07	50	45	+ 4	E	1	0	4	66	45	-		
Corunna ...	29.94	59	NNW	6	0	29.94	+ .09	47	47	0	N	6	0	*	*	*	0.18		
Brussels ...	29.92	59	NNW	6	0	29.92	+ .02	43	43	+ 6	N	1	0	*	*	*	*		
Charleville ...	29.99	59	NNW	6	0	29.99	+ .02	50	48	+ 5	N	2	0	*	*	*	*		
Paris ...	30.03	59	NNW	6	0	30.03	+ .09	52	48	+ 0	N	2	0	*	*	*	*		
Lyons ...	29.72	59	NNW	6	0	29.94	+ .14	59	52	+ 7	NE	2	0	3	63	50	-		
Toulon ...	29.72	59	NNW	6	0	29.94	+ .14	59	52	+ 7	NE	2	0	3	63	50	-		

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.73	49	44	NN	1	0	Valencia				
Thurso							Scilly				
Scarborough ...							London				*
Greencastle ...						*	Rochefort ...	30.00	63	54	NE 4 5 3
Holyhead											

EXPLANATION OF COLUMNS.

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

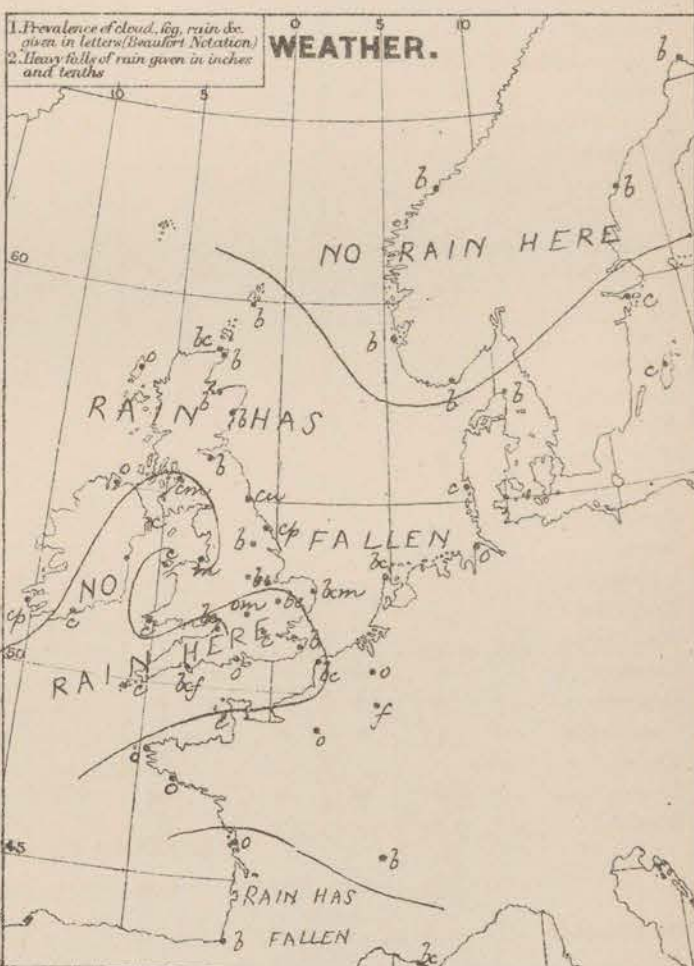
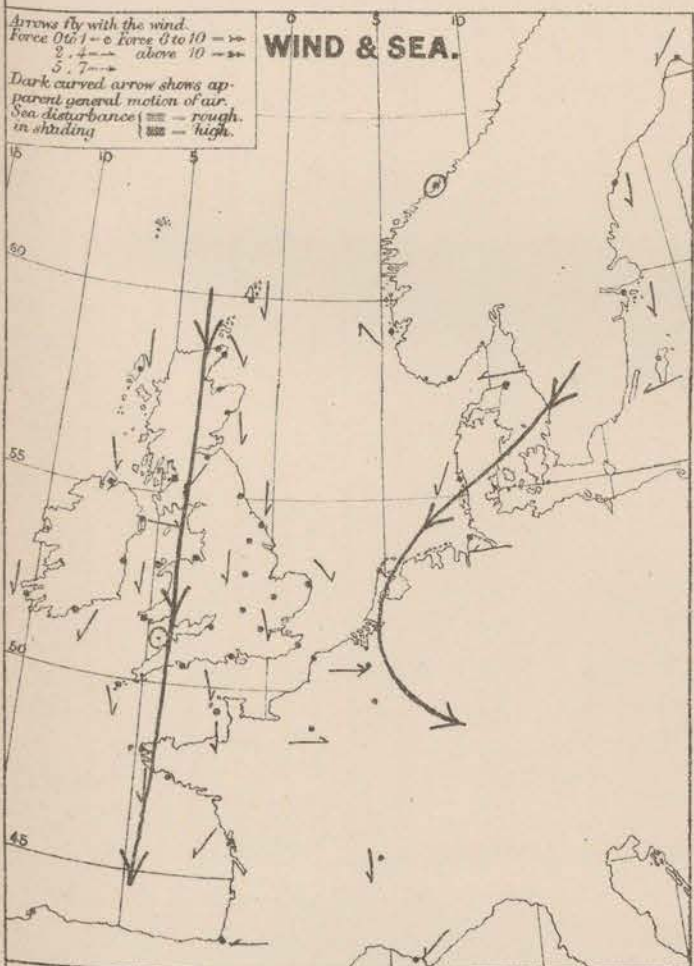
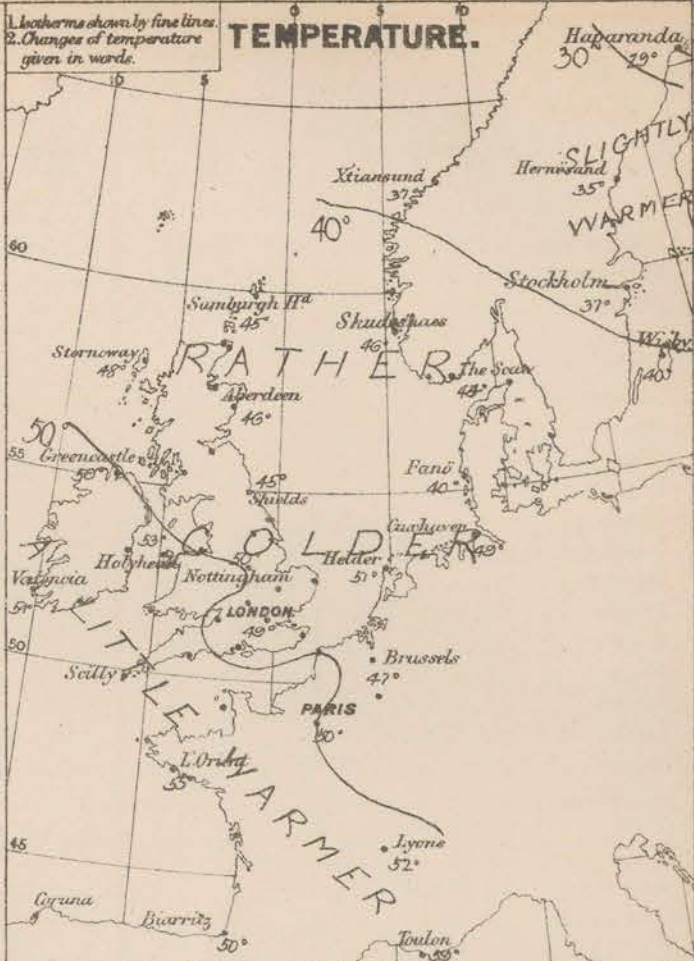
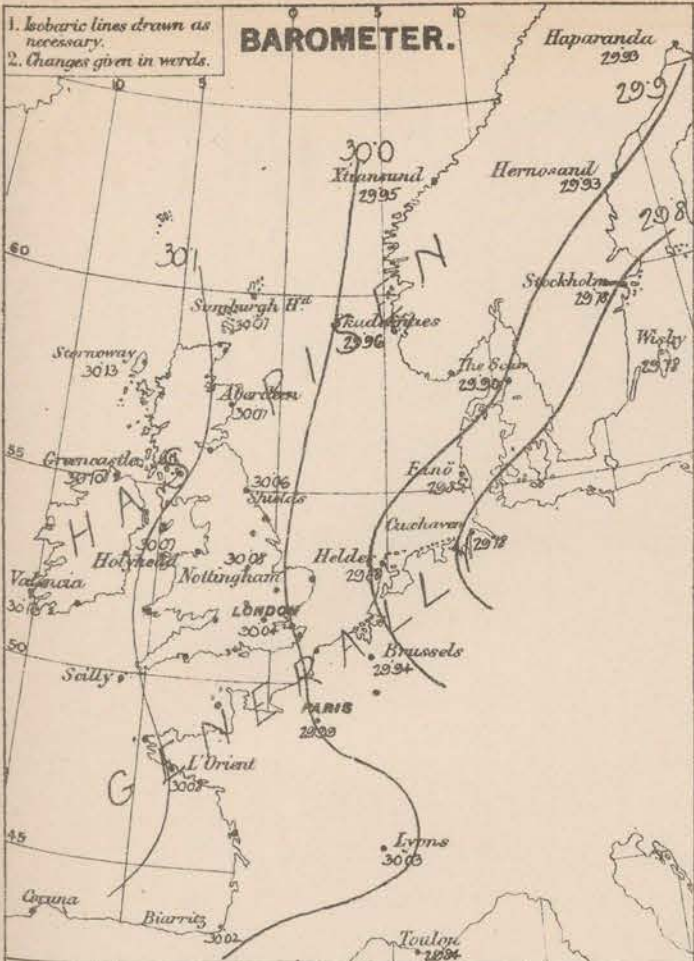
* AN ASTERISK is inserted in all places for which information is not usually received.

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

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

WEATHER CHARTS

for 8 a.m. on Monday 24TH SEPT^R 1877.



REMARKS. Weather is clear in the east of Scotland and over Scandinavia, but dull at the western stations, and rather cloudy elsewhere, with showers at Valentia and Harbores' and mist or fog at a few places. Rain has fallen in Scotland and the north of England and slight showers have occurred in other parts of our Island, but the amounts have been everywhere very small. Temperature has fallen except in France; it varies from 42° to 54° over these Islands, and is especially low in the south east of England and in France. During last night the thermometers fell to 33° in the shade at Wick, to 43° in London, and to 41° over Central England. Wind is light in force in all places; it is N^W on all our coasts, as well as in Norway, Sweden and the west of France, but blows into W at Paris and in the Netherlands. Sea is moderate to slight. Barometrical Indications. Pressure is increasing slowly in all parts of Western Europe; most in Scandinavia. It is exceedingly uniform, though rather higher off the west of Ireland, and lower over the Baltic than elsewhere.

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

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

R. H. SCOTT.

Secretary.

DAILY WEATHER REPORT

SEPT. 25TH 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 3 p.m. and Sea Level.	SHADE TEMP.		WIND.	Force. (0 to 12).	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.				
			Dir.	Force.			Dry.	Wet.					Max.	Min.					
Haparanda ...	29.95	32	SW	2	0	29.81	-12	34	32	+5	SW	2	C	*	*	*	*	*	*
Hernösand ...	30.04	35	N	2	0	30.01	+08	32	31	-3	Z	0	C	*	*	*	*	*	*
Stockholm ...	29.94	34	N	2	0	29.98	+20	35	34	-2	N	4	C	*	*	*	*	*	0.04
Wisby ...	29.89	40	ENE	6	C	29.91	+13	41	39	+1	ENE	6	C	*	*	*	*	*	0.08
Christiansund ...																			
Skudesnaes ...	30.07	41	Z	0	0	30.04	+08	49	45	+3	SSE	4	C	0	7	41	-	-	-
Oxö (Årland) ...	30.05	43	NE	4	0	30.05	+17	37	36	-4	NNW	4	C	2	46	36	-	-	-
Skagen (The Seal)	30.04	44	E	2	C	30.07	+17	45	39	+1	Z	0	C	0	48	39	-	-	-
Fanö ...	30.01	36	N	4	0	30.10	+25	40	37	0	N	4	C	*	48	34	-	-	-
Cuxhaven ...	29.91	41	NE	6	0	30.07	+29	45	44	-4	NNE	4	C	*	50	41	-	-	-
Sumburgh Head	30.09	45	N	1	C	29.90	-17	48	48	+3	NN	1	C	1	50	41	0.11	-	-
Stornoway ...	30.12	50	SW	1	0	30.05	-08	51	50	+3	W	1	C	2	53	45	0.01	-	-
Thurso ...	30.12	48	Z	0	0	29.97	-12	51	50	+3	NNW	3	C	3	57	44	0.01	-	-
Wick ...	30.12	47	NN	1	0	29.98	-12	52	48	+8	NNW	2	C	0	51	38	-	-	-
Nairn ...	30.14	47	Z	0	0	30.03	-07	48	45	+3	Z	0	C	1	54	43	-	-	-
Aberdeen ...	30.13	48	N	1	C	30.03	-04	45	43	-1	W	1	C	1	52	43	-	-	-
Leith ...	30.03	50	W	1	C	30.08	-01	49	46	+3	W	1	C	*	50	45	-	-	-
Shields ...	30.16	49	NNE	3	0	30.14	+08	43	41	-2	W	1	C	3	53	42	0.01	-	-
Scarborough ...	30.12	48	NNW	2	0	30.18	+15	45	42	-3	W	2	C	*	52	41	0.03	-	-
York ...	30.15	48	N	1	0	30.20	+15	41	41	-4	S	1	C	*	56	35	-	-	-
Nottingham ...	30.16	48	NNW	1	0	30.24	+16	41	41	-9	SW	1	C	*	57	34	-	-	-
Ardrossan ...	30.15	53	NNW	1	0	30.10	-01	52	50	+5	SW	2	C	3	57	44	-	-	-
Greencastle ...	30.17	51	NNW	1	0	30.14	+04	52	51	+2	N	1	C	*	58	45	0.01	-	-
Donaghadee ...	30.08	52	S	3	C	30.17	+06	50	49	0	SW	3	C	2	56	48	-	-	-
Kingstown ...																			
Holyhead ...	30.17	53	NE	2	C	30.20	+13	52	49	-1	W	3	C	2	58	43	-	-	-
Liverpool (Bidston)	30.17	51	NN	1	0	30.20	+14	48	46	-1	SW	1	C	1	55	45	-	-	-
Valencia ...	30.22	55	NNW	3	C	30.30	+14	53	52	-1	NNW	1	C	1	60	49	0.01	-	-
Roche's Point ...	30.21	52	SW	2	C	30.27	+14	53	50	+1	NNW	3	C	3	59	47	-	-	-
Pembroke ...	30.16	55	NN	1	C	30.24	+15	54	48	0	NN	2	C	2	59	51	-	-	-
Portishead ...	30.13	57	NNW	3	C	30.24	+18	46	46	-2	NNW	1	C	1	62	42	-	-	-
Scilly ...																			
Plymouth ...	30.15	56	Z	0	C	30.24	+17	48	47	-3	Z	0	C	*	61	44	-	-	-
Hurst Castle ...	30.11	55	NE	1	C	30.24	+13	47	46	-2	NE	1	C	1	57	40	-	-	-
Dover ...	30.07	57	NNE	3	0	30.21	+21	45	43	-4	NNW	3	C	2	56	42	-	-	-
London ...	30.10	52	NNW	2	C	30.24	+20	42	41	-7	NNW	1	C	*	58	33	-	-	-
Oxford ...						30.26	+21	40	39	-7	Z	0	C	*	57	35	-	-	-
Cambridge ...	30.16	49	N	1	0	30.22	+21	42	42	-6	NN	1	C	*	57	35	-	-	-
Yarmouth ...	30.05	50	NNW	3	C	30.17	+20	47	45	-1	NN	2	C	2	52	42	0.07	-	-
The Helder ...						30.13	+25	47	45	-4	NNW	1	C	*	*	*	0.12	-	-
Cape Gris Nez	30.06	54	N	5	0	30.19	+20	50	48	0	N	5	C	4	57	48	-	-	-
Jersey ...	30.15	53	NE	2	0	30.24	+19	53	50	-1	NE	1	C	1	58	49	0.07	-	-
Brest ...	30.22		N	2	0	30.28	+16	52	50	-2	NE	1	C	2	59	48	-	-	-
L'Orient ...	30.12	59	NNE	3	0	30.26	+18	52	48	-3	E	2	C	2	66	48	-	-	-
Rochefort ...	30.06	63	NN	4	C	30.21	+16	52	48	-3	NE	4	C	3	66	45	-	-	-
Biarritz ...	30.04	63	ENE	2	C	30.15	+13	50	45	0	ENE	4	C	2	66	45	-	-	-
Corunna ...																			
Brussels ...						30.16	+22	43		-4	NNW	1	C	*	*	*	0.16	-	-
Charleville ...						30.11	+19	47		+4	SW	1	C	*	*	*	*	-	-
Paris ...	30.07	52	N	3	C	30.21	+22	46	44	-4	N	1	C	*	*	*	0.08	-	-
Lyons ...						30.17	+14	52		+2	N	2	C	*	*	*	*	-	-
Toulon ...	29.86	61	W	4	0	29.94	+10	54	45	-5	NN	5	C	4	40	37	-	-	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	30.02	49	43	SW	2	0	Valencia	30.18	59	55	NNW	3	0
Thurso	30.11	51	47	NNW	1	C	Scilly						
Scarborough ...	30.09	52	48	NNW	4	0	London	30.07	55	49	NN	2	C
Greencastle ...	30.14	54	50	N	1	0	Rochefort ...	30.06	66	57	NN	4	0
Holyhead	30.13	55	52	NE	3	0							

Weather is fine at all stations except Morille, where it is overcast. Wind is NNW⁴ and light in force. Barometer is rising slowly everywhere.

EXPLANATION OF COLUMNS.

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

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

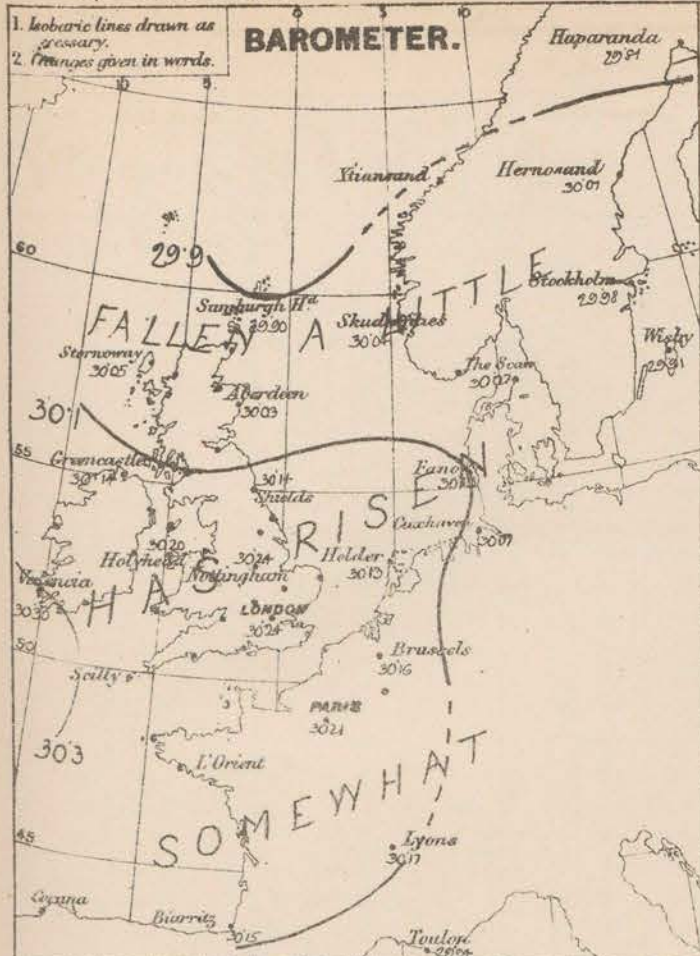
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Tuesday 25TH SEPT^R 1877.

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

BAROMETER.



DAILY WEATHER REPORT

SEPT 26TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETR.		SHADE TEMP.			WIND.		Weather.	Sec. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 12).		Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.73	36	Z	0	δ	29.78	- .03	25	?	- 9	Z	0	δ	*	*	*	-	
Hernösand ...	29.92	35	NNW	2	δc	29.86	- .15	40	38	+ 8	Z	0	c	*	*	*	-	
Stockholm ...	29.98	35	Z	0	δ	29.95	- .03	37	35	+ 2	N	2	δ	*	*	*	-	
Wisby ...	29.93	41	NNE	4	0	30.01	+ .08	43	41	+ 2	NNW	6	δ	*	*	*	-	
Christiansund ...	29.96	47	SW	1	0	29.89	- .05	47	?	+ 6	WSW	6	r	3	50	45	0.71	
Skudesnaes ...	30.06	48	SSE	2	0	30.08	+ .04	51	49	+ 2	SW	4	0	3	?	?	0.08	
Oxö (Xtiansand) ...	30.09	46	NNW	4	δ	30.11	+ .03	42	40	+ 5	NW	2	δ	3	48	39	-	
Skagen (The Seaw) ...	30.11	42	NW	3	δ	30.10	+ .03	48	45	+ 3	NNW	3	c	2	54	37	0.04	
Fanö ...	30.17	38	Z	0	δ	30.19	+ .09	50	47	+ 10	WSW	4	c	*	50	36	-	
Cuxhaven ...	30.15	31	N	1	δ	30.27	+ .20	45	44	0	SW	1	δ	*	48	39	-	
Sumburgh Head ...	30.02	47	NNW	4	c	30.09	+ .19	51	50	+ 3	SW	4	0	2	53	45	0.05	
Stornoway ...	30.14	51	N	1	δc	30.22	+ .17	47	45	- 4	N	1	δc	1	55	39	0.02	
Thurso ...	30.09	50	NNW	2	c	30.16	+ .19	50	49	- 1	WSW	1	ff	2	50	45	0.04	
Wick ...	30.12	48	NW	3	0	30.18	+ .22	49	47	- 1	N	2	c	0	53	39	0.03	
Nairn ...	30.10	50	Z	0	δc	30.25	+ .22	44	42	- 4	Z	0	c	1	55	39	0.01	
Aberdeen ...	30.06	50	NNW	3	c	30.22	+ .19	46	43	+ 1	N	1	δ	0	57	44	0.04	
Leith ...	30.08	55	NW	1	δ	30.26	+ .18	45	44	- 4	WSW	1	δm	*	59	40	-	
Shields ...	30.07	53	N	2	0	30.28	+ .14	45	43	+ 2	NNW	2	δ	2	56	43	0.01	
Scarborough ...	30.10	51	WSW	1	0	30.27	+ .09	52	50	+ 7	N	2	δc	3	53	45	0.02	
York ...	30.12	47	WSW	1	0	30.28	+ .08	48	40	+ 7	NNW	1	δ	3	54	40	0.01	
Nottingham ...	30.17	50	S	1	r	30.29	+ .05	43	43	+ 2	Z	0	ffw	*	54	39	0.02	
Ardrossan ...	30.11	55	NW	3	δc	30.27	+ .17	44	43	- 8	E	1	δm	1	59	41	0.05	
Greencastle ...	30.18	53	NNE	1	c	30.30	+ .16	53	52	+ 1	NW	1	0	*	58	46	-	
Donaghadee ...	30.15	55	WSW	3	c	30.31	+ .14	52	57	+ 2	NW	3	δc	2	57	48	-	
Kingstown ...																		
Holyhead ...	30.16	55	NNW	3	0	30.28	+ .08	54	52	+ 2	NNW	4	δc	3	56	52	-	
Liverpool (Bidston) ...	30.15	52	N	2	δc	30.28	+ .08	49	49	+ 1	S	1	f	1	54	48	0.02	
Valencia ...	30.31	55	NNW	3	0	30.38	+ .08	54	52	+ 1	NNE	1	0	2	60	52	-	
Roche's Point... ..	30.25	55	NW	2	δc	30.36	+ .09	52	49	- 1	NNE	2	δ	2	59	45	-	
Pembroke ...	30.21	55	NW	1	0	30.30	+ .06	55	53	+ 1	NNW	1	δc	1	56	50	-	
Portishead ...	30.21	52	NNW	1	c	30.27	+ .03	57	57	+ 5	Z	0	ffw	1	58	45	-	
Scilly ...																		
Plymouth ...	30.22	55	Z	0	0	30.27	+ .03	55	53	+ 7	NE	1	δc	*	60	47	-	
Hurst Castle ...	30.21	56	NNW	2	c	30.28	+ .04	54	52	+ 7	NE	1	cm	1	56	44	-	
Dover ...	30.20	51	N	2	δ	30.26	+ .05	53	48	+ 8	NNE	1	cgw	1	55	45	-	
London ...	30.21	53	NW	1	cm	30.25	+ .01	57	49	+ 9	Z	0	δm	*	57	41	-	
Oxford ...	*	*	*	*	*	30.27	+ .01	49	48	+ 9	Z	0	ff	*	53	40	-	
Cambridge ...	30.18	49	N	1	0	30.29	+ .07	48	48	+ 6	N	1	0	*	55	41	0.02	
Yarmouth ...	30.17	51	N	1	c	30.24	+ .07	48	47	+ 1	N	1	δf	2	53	45	0.01	
The Helder... ..	*	*	*	*	*	30.25	+ .12	46	44	- 1	S	1	0	*	*	*	0.04	
Cape Gris Nez ...	30.19	52	N	1	0	30.25	+ .06	50	48	0	S	1	r	0	55	48	0.24	
Jersey ...	30.25	55	NW	1	0	30.28	+ .04	54	51	+ 1	Z	0	cm	0	60	51	-	
Brest ...	30.32	?	N	2	δ	30.34	+ .06	54	52	+ 2	NNE	2	δc	2	61	50	-	
L'Orient ...	30.26	57	NW	3	c	30.30	+ .04	52	50	0	NE	2	0	2	64	48	-	
Rocheport ...	30.19	59	NW	3	0	30.23	+ .02	52	48	0	NE	3	δ	3	66	45	-	
Biarritz ...	30.13	?	NNE	4	δ	30.23	+ .08	48	43	- 2	ENE	4	δc	3	68	45	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.30	+ .14	43	*	0	NNW	3	f	*	*	*	-	
Charleville ...	*	*	*	*	*	30.27	+ .16	36	*	- 11	SE	1	δ	*	*	*	*	
Paris ...	30.23	52	NNE	2	0	30.29	+ .08	47	*	+ 1	N	1	δ	*	*	*	-	
Lyons ...	*	*	*	*	*	30.24	+ .07	52	*	- 2	NE	4	δ	*	*	*	*	
Toulon ...	29.93	57	NW	5	c	29.99	+ .05	55	?	+ 1	NW	3	δ	5	72	52	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	30.02	47	46	S	4	r	Valencia ...	30.30	59	55	NNW	2	c	3
Thurso	30.02	52	49	NNW	3	δc	Scilly							
Scarborough ...	30.12	52	50	WSW	1	f	London	30.21	54	48	N	1	0	*
Greencastle ...	30.16	56	53	NW	2	0	Rocheport ...	30.23	63	54	NE	3	0	3
Holyhead	30.17	55	53	NNW	3	og								

Weather is fine at Thurso, but dull elsewhere. Wind has veered to NNW in the extreme N, but continues NW on our other coasts. Pressure is beginning to recover slightly in the N. and NW, but is falling in the East.

EXPLANATION OF COLUMNS.

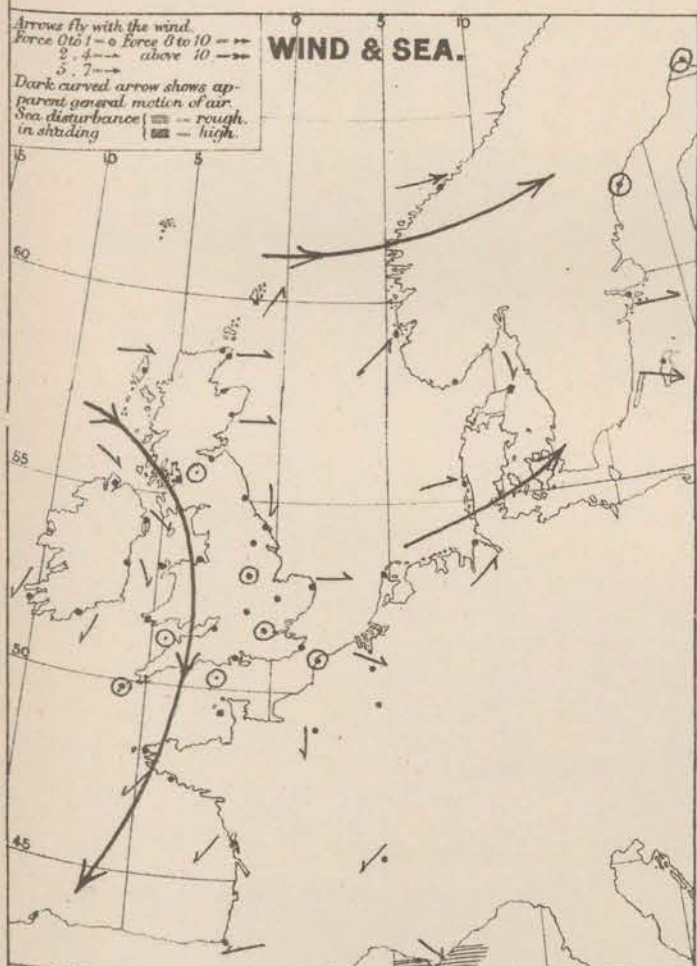
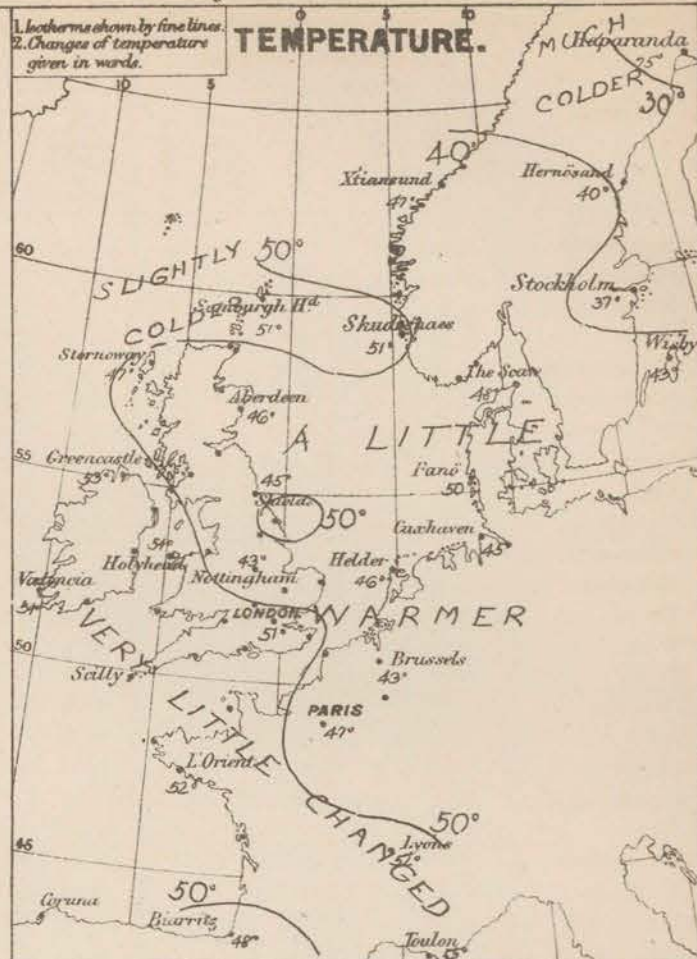
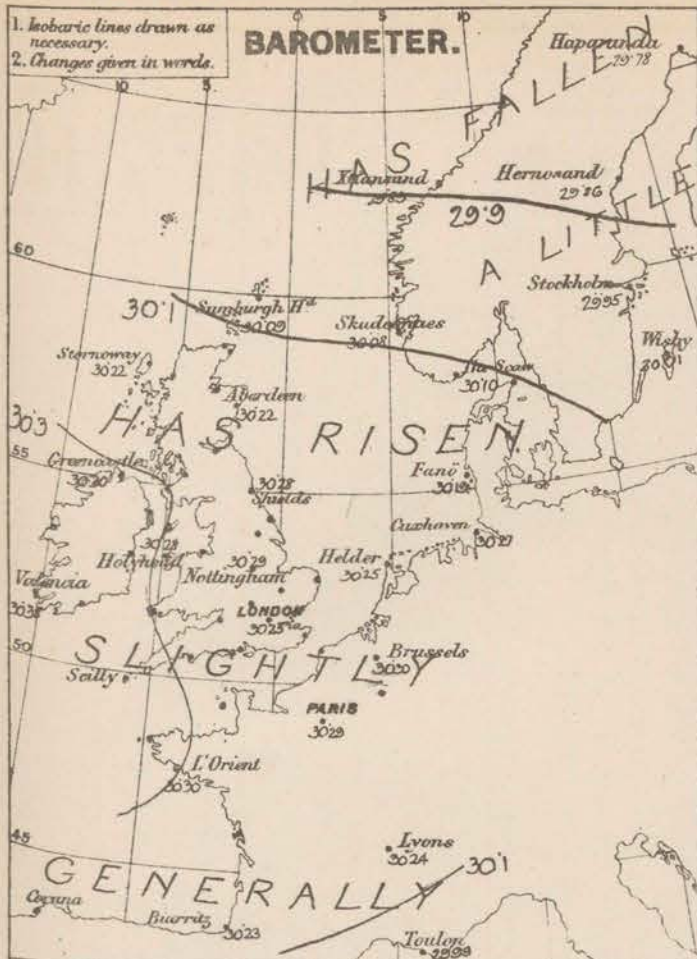
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Wednesday 26th SEPT^r 1877.



REMARKS. Weather is dull in the extreme north of Scotland and west of Ireland but is fine elsewhere; fog or mist prevail at many of the English stations, and rain is reported at Cape Gris Nez and Christiansund. Rain has fallen at most of our northern and eastern stations, but elsewhere the weather has been dry. Temperature has fallen somewhat over Scotland, but has risen over England and Denmark, while elsewhere scarcely any change has occurred. It varies from 44° to 50° in Scotland, from 52° to 54° over Ireland, and from 45° to 55° over England. In London the thermometer fell last night to 41° in the shade and to 35° on the grass. Wind is moderate from NE over the Bay of Biscay, from W over Denmark and Scandinavia, and from SW in the Netherlands; on the British coast calm prevail. Sea is smooth.

Barometrical Indications. Pressure has fallen somewhat over Sweden during the past 24 hours but has risen in all parts of Western Europe. It is exceedingly uniform over these islands and the North Sea.

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 27th 1877.

STATIONS.	↑ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 2 1/2 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETR.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dirco.	Force (0 to 12).		Reading at 3 1/2 p.m. 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 ...	29.73	31	Z	0	bc	29.66	- .12	35	33	+ 10	S	2	o	*	*	*	-		
Hernösand ...	29.76	47	W	2	o	29.75	- .11	42	45	+ 8	W N W	2	o	*	*	*	-		
Stockholm ...	29.87	42	SS W	2	bc	29.84	- .11	44	42	+ 7	W S W	4	bc	*	*	*	-		
Wisby ...	29.99	45	W	4	bc	29.96	- .05	47	45	+ 4	W	4	o	*	*	*	-		
Christiansund ...	29.82	49	W S W	8	o	29.93	+ .04	49	48	+ 2	W S W	6	o	5	?	45	-		
Skudesnaes ...	30.05	53	W	6	o	30.17	+ .09	53	51	+ 2	N W	4	bc	3	?	50	0.04		
Oxö (Xtiansand) ...	30.04	51	W	4	o	30.04	- .07	53	50	+ 11	W S W	4	bc	3	54	48	-		
Skagen (The Seaw) ...	30.02	50	N N W	3	bc	30.00	- .10	53	51	+ 5	N W	2	bc	0	52	45	-		
Fanö ...	30.16	51	N W	4	c	30.17	- .02	55	53	+ 5	W N W	4	bc	*	55	48	0.12		
Cuxhaven ...	30.26	5	S W	1	c	30.25	- .02	54	53	+ 9	W N W	3	o	*	?	43	0.06		
Sumburgh Head ...	30.11	52	W	4	o	30.23	+ .14	52	51	+ 1	W	4	c	1	54	49	0.01		
Stornoway ...	30.26	54	W N W	1	o	30.34	+ .12	47	46	o	W	1	bc	2	58	47	0.02		
Thurso ...	30.20	54	W N W	2	o	30.30	+ .14	53	51	+ 3	W N W	2	bc	4	57	39	0.04		
Wick ...	30.23	55	N W	1	o	30.32	+ .14	50	50	+ 1	W N W	1	bc	0	58	45	-		
Nairn ...	30.26	53	Z	0	c	30.34	+ .09	52	49	+ 8	Z	0	c	1	56	43	-		
Aberdeen ...	30.24	55	N N W	1	o	30.33	+ .11	52	51	+ 8	N W	3	bc	0	58	46	-		
Leith ...	30.22	57	W	1	bc	30.36	+ .10	52	50	+ 7	W	1	cm	*	63	43	-		
Shields ...	30.32	51	S W	2	bc	30.38	+ .10	45	44	o	W N W	1	cf	3	56	43	-		
Scarborough ...	30.32	50	N N E	1	f	30.38	+ .11	49	47	- 3	W N W	1	bf	2	53	46	-		
York ...	30.31	51	W N W	1	bc	30.39	+ .11	40	40	- 8	N N W	1	bc	*	62	38	-		
Nottingham ...	30.33	54	S E	1	o	30.41	+ .12	41	41	- 2	Z	0	f	*	63	39	-		
Ardrossan ...	30.31	56	N	1	c	30.46	+ .09	53	51	+ 9	Z	0	o	0	59	44	-		
Greencastle ...	30.34	55	N W	2	c	30.37	+ .07	55	54	+ 2	N E	1	o	*	60	52	0.01		
Donaghadee ...	30.34	51	W N W	2	bc	30.39	+ .08	53	53	+ 1	N W	2	o	1	58	49	-		
Kingstown ...	30.34	55	N N W	2	bc	30.38	+ .10	50	49	- 4	S	1	bc	0	60	48	-		
Holyhead ...	30.33	54	N W	1	bc	30.38	+ .10	51	49	+ 2	Z	0	f	1	58	49	-		
Liverpool (Bidston) ...	30.38	56	N E	2	c	30.39	+ .01	51	48	- 3	Z	0	bc	1	59	46	-		
Valencia ...	30.39	54	E	2	bc	30.40	+ .04	53	51	+ 1	N N W	2	c	2	60	49	-		
Roche's Point ...	30.34	54	N	2	bc	30.37	+ .07	49	46	- 6	N N E	1	bmw	1	59	46	-		
Pembroke ...	30.31	56	N	2	bc	30.38	+ .11	45	45	- 6	Z	0	f	1	64	43	-		
Portishead ...	30.32	57	Z	0	o	30.38	+ .11	45	44	- 10	Z	0	bf	*	61	42	-		
Scilly ...	30.29	58	W	1	o	30.37	+ .09	51	50	- 3	N E	2	bm	1	61	43	-		
Plymouth ...	30.22	54	W	1	bc	30.37	+ .11	52	50	- 1	N N E	2	bc	1	59	49	-		
Hurst Castle ...	30.31	57	Z	0	bm	30.40	+ .15	42	42	- 9	Z	0	f	*	61	39	-		
Dover ...	30.32	58	W	1	o	30.37	+ .09	51	50	- 3	N E	2	bm	1	61	43	-		
London ...	30.31	57	Z	0	bm	30.40	+ .15	42	42	- 9	Z	0	f	*	61	39	-		
Oxford ...	30.32	58	N	1	bc	30.39	+ .10	41	41	- 7	N	1	f	*	60	38	-		
Cambridge ...	30.30	53	N N E	2	bc	30.38	+ .14	46	46	- 2	N W	1	bf	2	56	40	-		
Yarmouth ...	30.33	57	W	1	bc	30.38	+ .10	41	41	- 7	N	1	f	*	60	38	-		
The Helder ...	30.33	57	W	1	bc	30.38	+ .10	41	41	- 7	N	1	f	*	60	38	-		
Cape Gris Nez ...	30.30	54	S	1	bc	30.36	+ .11	52	50	+ 2	S	1	o	0	59	48	0.20		
Jersey ...	30.32	56	N	1	bc	30.36	+ .08	55	52	+ 1	?	1	bm	0	62	48	-		
Brest ...	30.36	?	N E	2	bc	30.36	+ .02	52	50	- 2	E S E	2	bc	3	59	48	-		
L'Orient ...	30.30	57	W N W	2	o	30.33	+ .03	50	48	- 2	E	3	bc	2	66	46	-		
Rochefort ...	30.24	63	E N E	4	bc	30.25	+ .02	48	43	- 4	E N E	5	bc	3	72	43	-		
Biarritz ...	30.18	61	E N E	2	bc	30.16	- .09	45	43	- 3	E N E	1	bc	3	66	41	-		
Corunna ...	30.10	55	N E	3	bc	30.10	- .04	55	55	- 2	N E	3	bc	*	*	*	*		
Brussels ...	30.38	43	SS W	3	bc	30.38	+ .08	43	43	o	SS W	3	bc	*	*	*	*		
Charleville ...	30.36	49	S E	1	f	30.36	+ .09	42	42	- 2	S E	1	f	*	*	*	*		
Paris ...	30.32	55	E	3	bc	30.38	+ .09	42	41	- 5	E N E	1	bc	*	*	*	*		
Lyons ...	30.31	57	N	2	bc	30.31	+ .07	47	47	- 5	N	2	bc	*	*	*	*		
Toulon ...	30.29	55	E	4	c	30.33	+ .14	57	50	+ 2	E	4	c	5	64	52	-		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.04	50	48	W N W	4	ff	3	Valencia	30.07	58	53	N	2	o	2
Thurso	30.18	56	53	W N W	3	c	3	Scilly							
Scarborough ...	30.30	52	49	N N E	2	bc	3	London	30.30	59	54	W N W	1	bm	*
Greencastle ...	30.33	59	53	N W	2	c	*	Rochefort ...	30.24	72	57	E N E	4	bc	3
Holyhead	30.33	56	52	N N W	3	bc	2								

Barometer has fallen slightly since Noon at Valencia, but still rises elsewhere. Wind and weather are almost unchanged.

EXPLANATION OF COLUMNS.

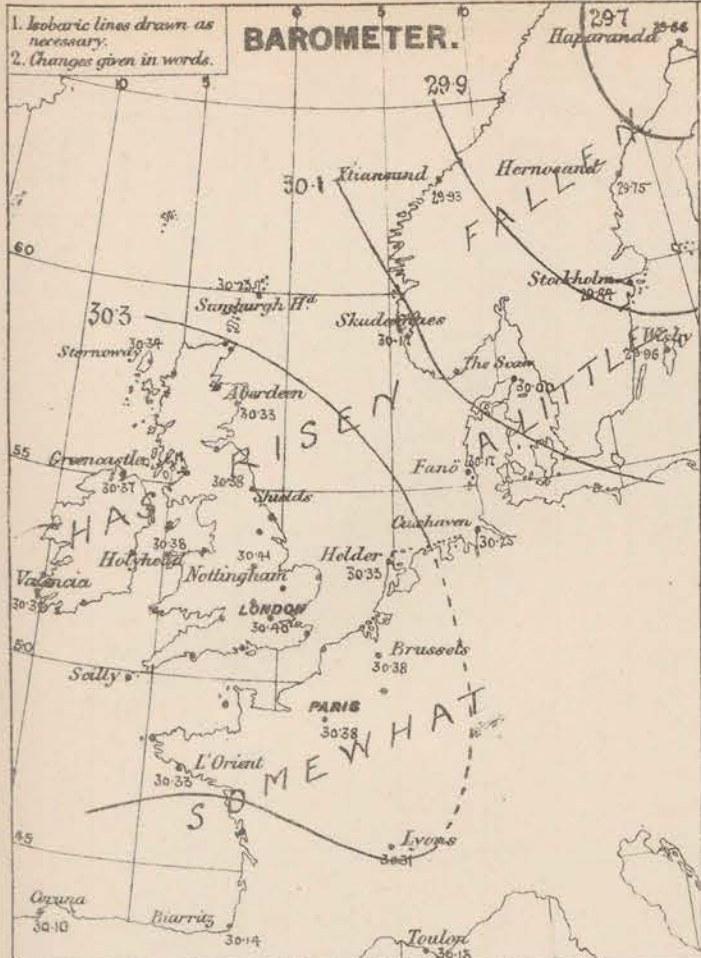
WEATHER.--Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Thursday SEPT. 27th 1877.



DAILY WEATHER REPORT

SEPT 28th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind.		Weather.	Barometer.		SHADE TEMP.			Wind.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.65	33	Z	0	f	29.52	-.12	41	41	+	6	SW	2	f	*	*	*	-
Hernösand ...	29.84	51	NNW	2	0	29.81	+.06	53	48	+	5	N	4	0	*	*	*	-
Stockholm ...	29.89	49	NN	2	0	29.96	+.12	44	45	+	5	Z	0	0	*	*	*	-
Wisby ...	29.95	49	NNW	6	0	30.01	+.05	50	48	+	3	NN	4	0	*	*	*	-
Christiansund ...	30.02	50	WSW	7	0	29.91	-.02	51	48	+	2	WSW	8	0	6	52	46	0.47
Skudesnaes ...	30.22	53	NNW	4	0	?	?	57	50	-	2	NNW	2	0	2	54	?	-
Oxö (Xriensand) ...	30.10	54	NNW	4	0	30.09	+.05	57	47	-	2	NNW	2	0	2	63	45	-
Skagen (The Seaw) ...	30.06	49	Z	0	0	30.08	+.08	52	49	-	1	NN	2	0	0	61	43	-
Fanö ...	30.22	53	NNW	4	0	30.23	+.06	54	57	-	1	NNW	4	0	*	57	50	-
Cuxhaven ...	30.29	4	N	2	0	30.31	+.06	55	54	+	1	NNW	2	0	*	57	50	-
Sumburgh Head ...	30.26	50	SW	3	f	30.13	-.10	52	49	0	NNW	4	0	3	57	49	0.01	
Stornoway ...	30.31	52	SW	1	0	30.20	-.14	57	50	+	4	SW	1	0	2	59	41	-
Thurso ...	30.32	51	Z	0	0	30.19	-.11	50	48	-	3	SW	1	0	1	60	41	-
Wick ...	30.32	50	NN	2	0	30.21	-.11	54	49	+	4	N	1	0	0	60	45	-
Nairn ...	30.35	55	Z	0	0	30.24	-.10	53	49	+	1	Z	0	0	62	49	-	
Aberdeen ...	30.34	55	S	1	0	30.24	-.09	57	49	-	3	SSW	1	0	60	50	-	
Leith ...	30.29	57	WSW	1	0	30.28	-.08	52	49	0	N	1	0	60	57	-		
Shields ...	30.39	53	E	1	0	30.33	-.05	46	45	+	1	WSW	2	0	56	45	-	
Scarborough ...	30.37	52	Z	0	0	30.36	-.02	50	47	+	1	WSW	2	0	1	54	45	-
York ...	30.39	52	SSW	1	0	30.38	-.01	43	41	+	3	S	1	0	62	37	-	
Nottingham ...	30.38	52	ESE	1	0	30.39	-.02	43	43	+	2	Z	0	0	58	37	-	
Ardrossan ...	30.35	55	SSE	1	0	30.29	-.07	54	52	+	1	Z	0	0	59	57	-	
Greencastle ...	30.34	56	E	1	0	30.27	-.10	57	49	-	4	NNW	1	0	62	49	0.01	
Donaghadee ...	30.37	55	SE	3	0	30.32	-.07	57	50	-	2	N	2	0	58	47	-	
Kingstown ...	30.35	55	NNE	2	0	30.33	-.05	53	52	+	3	SSW	1	0	60	49	-	
Holyhead ...	30.35	55	NNE	2	0	30.33	-.05	53	52	+	3	SSW	1	0	60	49	-	
Liverpool (Bidston) ...	30.36	54	NE	1	0	30.34	-.04	50	50	0	ESE	2	0	1	58	50	-	
Valencia ...	30.33	56	S	1	0	30.28	-.11	54	51	+	3	NE	1	0	59	47	-	
Roche's Point... ..	30.35	56	ESE	3	0	30.30	-.10	54	52	+	1	E	3	0	60	50	-	
Pembroke ...	30.34	57	Z	0	0	30.31	-.06	57	50	+	2	E	1	0	60	49	0.01	
Portishead ...	30.34	59	Z	0	f	30.34	-.04	47	47	+	2	Z	0	f	1	62	42	-
Scilly ...	30.34	59	Z	0	f	30.34	-.04	47	47	+	2	Z	0	f	1	62	42	-
Plymouth ...	30.33	56	SSE	1	0	30.29	-.09	52	51	+	7	ENE	3	0	62	44	-	
Hurst Castle ...	30.32	57	NE	1	0	30.32	-.05	57	50	0	NE	2	0	2	60	44	-	
Dover ...	30.37	54	NNE	3	0	30.35	-.02	55	57	+	3	E	1	0	59	57	-	
London ...	30.38	58	Z	0	0	30.37	-.03	45	45	+	3	SE	1	0	62	30	-	
Oxford ...	30.37	58	Z	0	0	30.37	-.03	39	39	-	2	Z	0	f	58	57	-	
Cambridge ...	30.39	50	NE	1	0	30.36	-.03	40	40	-	1	NE	1	0	60	42	-	
Yarmouth ...	30.39	54	NE	1	0	30.36	-.02	53	52	+	7	NE	2	0	56	43	-	
The Helder ...	30.34	53	N	1	0	30.34	+.01	53	52	-	1	N	1	0	*	*	0.12	
Cape Gris Nez ...	30.34	54	ENE	2	0	30.32	-.04	52	48	0	ENE	1	0	0	59	45	-	
Jersey ...	30.33	55	NE	3	0	30.27	-.09	55	50	0	NE	3	0	0	62	46	-	
Brest ...	30.32	56	ENE	2	0	30.26	-.10	48	43	-	4	E	3	0	61	40	-	
L'Orient ...	30.26	57	E	4	0	30.22	-.11	48	43	-	2	E	4	0	64	45	-	
Rochefort ...	30.16	63	ENE	6	0	30.12	-.13	46	45	-	2	E	5	0	72	43	-	
Biarritz ...	30.08	63	NE	2	0	30.05	-.09	52	48	+	7	SE	3	0	66	43	-	
Corunna ...	30.36	58	NW	1	0	30.36	-.02	43	43	0	NN	1	0	f	*	*	-	
Brussels ...	30.36	58	NW	1	0	30.36	-.02	43	43	0	NN	1	0	f	*	*	-	
Charleville ...	30.36	58	NW	1	0	30.36	-.02	43	43	0	NN	1	0	f	*	*	-	
Paris ...	30.32	55	ENE	4	0	30.30	-.08	45	45	+	3	NE	3	0	*	*	-	
Lyons ...	30.32	55	ENE	4	0	30.30	-.08	45	45	+	3	NE	3	0	*	*	-	
Toulon ...	30.14	59	ESE	4	0	30.10	+.06	57	50	0	N	2	0	3	63	57	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.23	54	57	NNW	6	0	2	Valencia ...	30.24	58	52	SSE	1	0	2
Thurso	30.32	56	52	NNW	2	0	3	Scilly							
Scarborough ...	30.37	54	52	Z	0	0	1	London	30.35	58	53	E	1	0	*
Greencastle ...	30.35	51	57	SE	1	0	*	Rochefort ...	30.21	68	52	E	6	0	3
Holyhead	30.26	58	54	N	3	0	2								

Pressure is now giving way in the West, and the wind has shifted to the S.W. at Valencia, with dull weather. No other change of importance.

EXPLANATION OF COLUMNS.

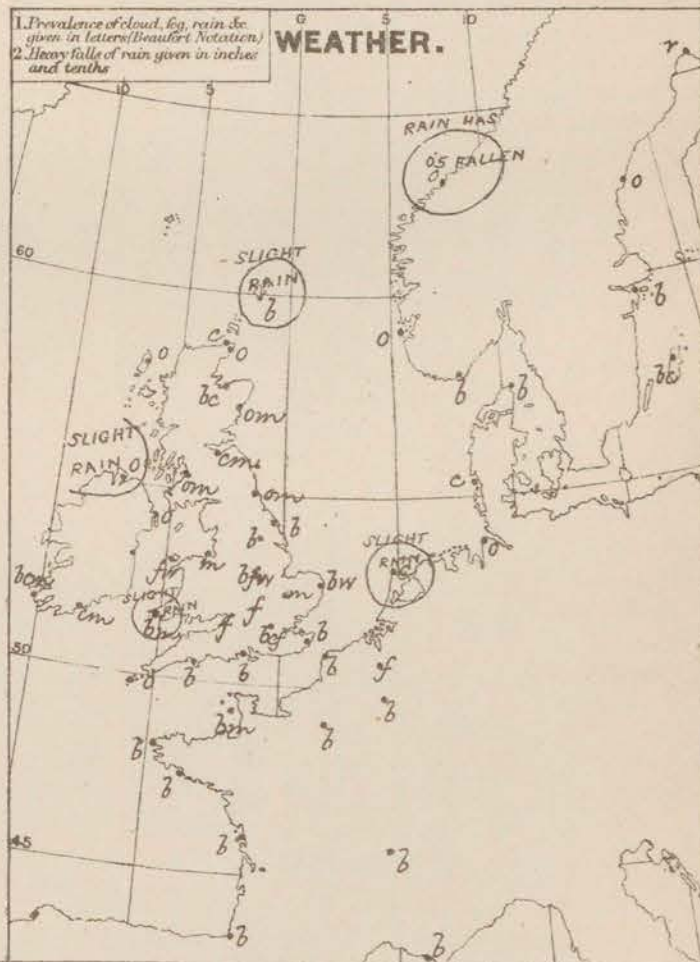
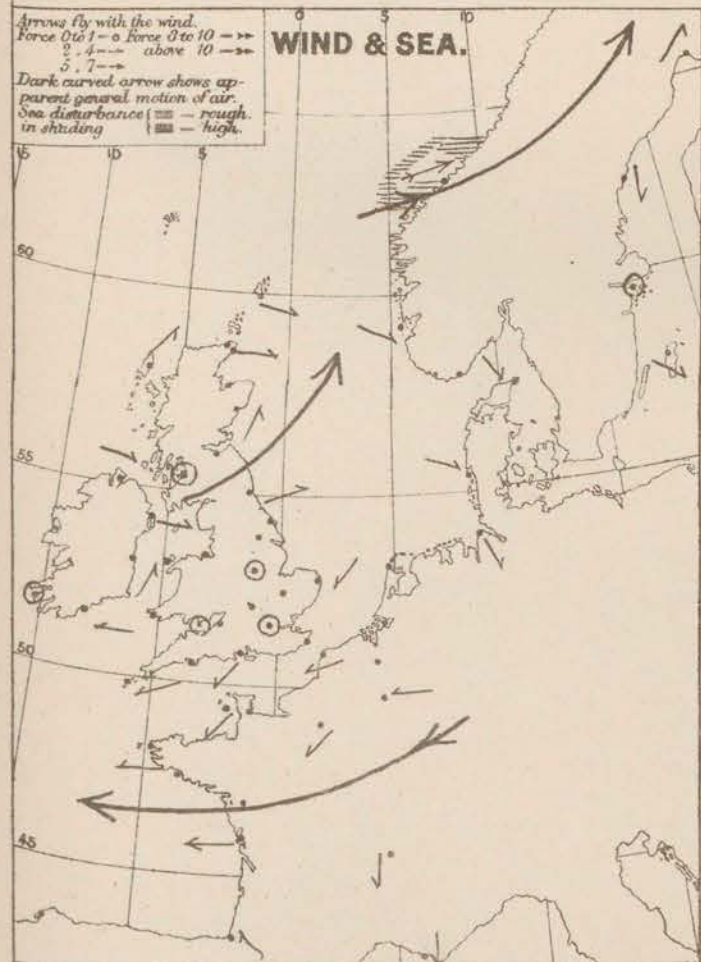
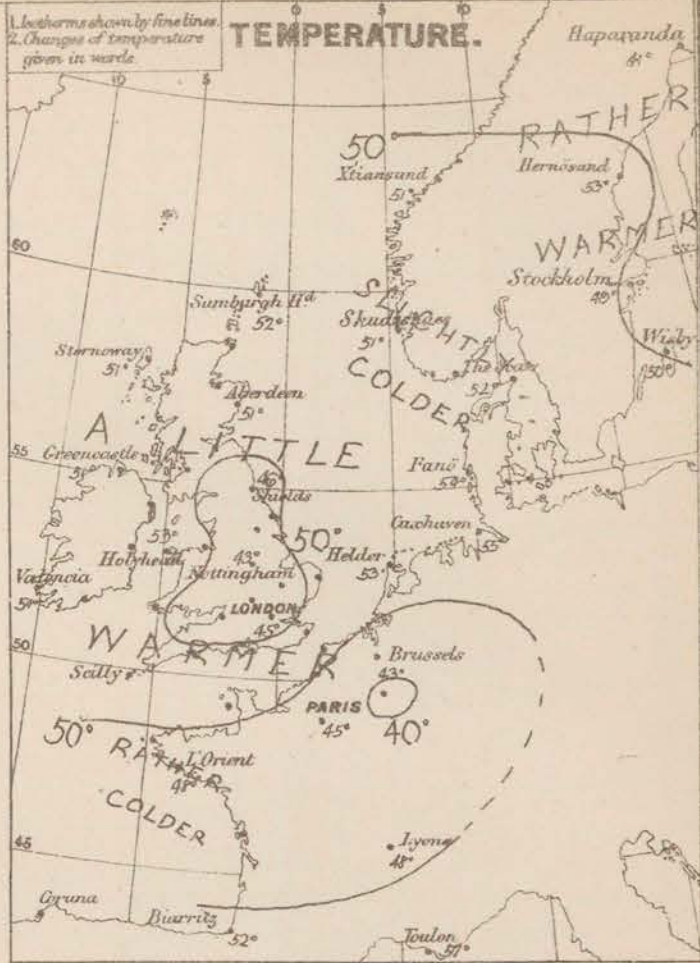
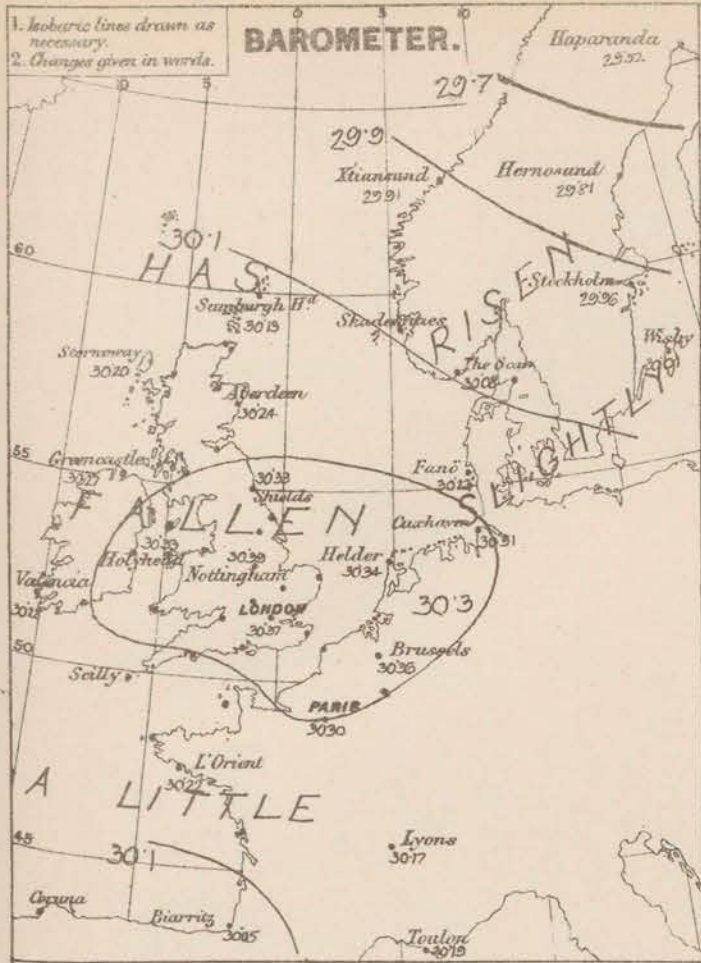
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

† The evening observations are taken at 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 "rear" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Friday 28TH SEPT^R 1877.



REMARKS. Weather is clear or nearly so over France and the south and east of England, but is cloudy or drizzle elsewhere; a good deal of fog or mist prevails over these islands, particularly over Central England. Rain has fallen heavily at Christiansund, but elsewhere the weather has been dry. Temperature has risen slightly at most of the English stations and in Sweden, but fallen or remained almost unchanged at the other stations; it varies from 50° to 56° over Iceland and Holland and from 29° to 56° over England; it is very low over Central England. The thermometer at Trich is fifteen degrees higher than that at Oxford and eight degrees higher than that at Rochefort; in London last night a minimum of 30° and at Cambridge of 32° was registered in the shade. Wind is moderate from the E. over France, and from NW to N. in the countries to the E. of the North Sea except at Christiansund, where a fresh N.W. gale is blowing; on our coast calms still prevail. Sea is slight to calm.

Barometrical Indications. The barometer is giving way in all parts of Western Europe; it is still extremely uniform over England, the North Sea and the Netherlands.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT SEPT^r 29th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 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 ...	29.07	49	SW	4	0	29.04	- .48	38	34	- 3	NW	6	0	*	*	*	-	
Hernösand ...	29.49	51	NW	4	0	29.52	- .29	45	40	- 8	NW	6	0	*	*	*	-	
Stockholm ...	29.73	53	WSW	4	0	29.69	- .27	49	44	- 0	NNW	6	0	*	*	*	-	
Wisby ...	29.92	53	SW	8	0	29.80	- .21	49	47	- 1	NW	8	0	*	*	*	-	
Christiansund ...	29.74	49	N	9	+	29.86	- .05	44	41	- 7	NW	6	+	6	52	41	0.71	
Skudesnaes ...	30.09	53	N	4	0	30.10	?	51	47	- 0	NW	6	0	5	54	?	-	
Oxö (Xtiansand) ...	30.05	53	N	6	0	29.95	- .14	52	50	- 3	WSW	5	2	3	59	?	-	
Skagen (The Scau) ...	30.00	52	NW	5	0	29.92	- .16	54	50	- 2	NW	9	0	9	59	48	-	
Fanö ...	30.21	53	N	4	0	30.16	- .07	54	52	- 0	N	4	0	*	55	52	-	
Cuxhaven ...	30.29	52	NNW	1	0	30.24	- .07	53	53	- 2	N	1	0	*	55	46	-	
Sumburgh Head ...	30.07	53	WSW	6	0	30.20	+ .07	50	48	- 2	N	3	0	3	56	46	0.02	
Stornoway ...	30.20	54	N	4	0	30.27	+ .07	49	49	- 2	NNE	1	+	3	56	48	0.13	
Thurso ...	30.16	54	WSW	1	0	30.25	+ .06	51	50	- 1	NNW	1	0	2	61	49	0.07	
Wick ...	30.18	53	WSW	2	0	30.26	+ .05	48	47	- 6	NW	1	0	0	60	46	0.04	
Nairn ...	30.20	52	Z	0	0	30.25	+ .01	52	50	- 1	Z	0	0	1	58	50	-	
Aberdeen ...	30.20	54	NW	1	0	30.25	+ .01	52	49	- 1	NW	1	0	0	58	50	-	
Leith ...	30.21	55	N	1	0	30.27	- .01	52	50	- 0	N	1	0	*	58	50	-	
Shields ...	30.28	56	WSW	2	0	30.28	- .05	49	48	- 3	N	2	0	0	58	46	-	
Scarborough ...	30.28	56	Z	0	0	30.28	- .08	53	50	- 3	N	1	0	*	59	49	-	
York ...	30.29	53	N	1	0	30.28	- .10	50	49	- 7	NNE	1	0	+	61	39	-	
Nottingham ...	30.31	54	SSE	1	0	30.31	- .08	44	43	- 3	Z	0	0	*	58	36	-	
Ardrossan ...	30.27	56	WSW	2	0	30.27	- .02	51	50	- 0	Z	0	0	0	61	49	-	
Greencastle ...	30.27	55	NW	1	0	30.25	- .02	52	51	- 1	NNE	1	0	*	61	46	-	
Donaghadee ...	30.28	55	SW	2	0	30.27	- .05	53	52	- 2	NE	2	0	1	59	50	-	
Kingstown ...	30.27	55	Z	0	0	30.24	- .09	51	50	- 2	Z	0	0	0	60	50	-	
Holyhead ...	30.27	55	ESE	1	0	30.27	- .07	49	47	- 2	SE	2	0	1	62	47	-	
Liverpool (Bidston) ...	30.29	55	ESE	1	0	30.16	- .12	55	52	- 1	E	3	0	3	63	48	-	
Valencia ...	30.22	57	SE	4	0	30.18	- .12	53	52	- 1	ENE	4	0	4	62	50	-	
Roche's Point ...	30.25	58	ESE	1	0	30.22	- .09	49	48	- 2	ENE	3	0	2	59	46	-	
Pembroke ...	30.26	55	ESE	1	0	30.24	- .10	47	47	- 0	NNE	3	0	1	65	42	-	
Portishead ...	30.27	56	ENE	2	0	30.16	- .13	53	52	- 1	ENE	3	0	*	61	49	-	
Scilly ...	30.23	55	NE	1	0	30.20	- .12	49	47	- 2	NE	2	0	2	60	44	-	
Plymouth ...	30.28	55	ENE	2	0	30.25	- .10	53	51	- 2	E	3	0	1	58	50	-	
Hurst Castle ...	30.29	57	E	1	0	30.26	- .11	44	44	- 1	Z	0	0	*	60	41	-	
Dover ...	30.29	57	E	1	0	30.26	- .11	47	46	- 8	Z	0	0	*	59	30	-	
London ...	30.31	57	E	1	0	30.28	- .08	47	47	- 7	N	1	0	*	61	40	-	
Oxford ...	30.30	55	ENE	2	0	30.26	- .10	54	53	- 1	ENE	3	0	2	57	49	-	
Cambridge ...	30.28	57	E	1	0	30.23	- .09	52	50	- 0	NE	1	0	*	*	*	-	
Yarmouth ...	30.20	59	E	2	0	30.16	- .11	55	52	- 0	E	2	0	2	62	48	-	
The Helder ...	30.19	?	E	2	0	30.13	- .13	50	48	- 2	E	10	0	2	61	46	-	
Cape Gris Nez ...	30.17	59	ESE	0	0	30.11	- .11	48	45	- 0	ENE	4	0	3	66	45	-	
Jersey ...	30.09	64	NE	1	0	30.09	- .03	54	50	- 8	SE	4	0	3	49	43	-	
Brest ...	30.02	68	S	3	0	30.04	- .01	61	52	- 9	SSE	3	0	2	75	50	-	
L'Orient ...	30.02	68	S	3	0	30.04	- .01	61	52	- 9	SSE	3	0	2	75	50	-	
Rochefort ...	30.02	68	S	3	0	30.04	- .01	61	52	- 9	SSE	3	0	2	75	50	-	
Biarritz ...	30.02	68	S	3	0	30.04	- .01	61	52	- 9	SSE	3	0	2	75	50	-	
Corunna ...	30.25	58	E	2	0	30.21	- .09	44	44	- 1	ENE	1	0	*	*	*	-	
Brussels ...	30.25	58	E	2	0	30.21	- .09	44	44	- 1	ENE	1	0	*	*	*	-	
Charleville ...	30.25	58	E	2	0	30.21	- .09	44	44	- 1	ENE	1	0	*	*	*	-	
Paris ...	30.25	58	E	2	0	30.21	- .09	44	44	- 1	ENE	1	0	*	*	*	-	
Lyons ...	30.25	58	E	2	0	30.21	- .09	44	44	- 1	ENE	1	0	*	*	*	-	
Toulon ...	30.20	59	E	2	0	30.20	+ .01	59	52	- 2	NE	3	0	3	66	57	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.12	54	52	WNW	2	0	2	Valencia	30.24	60	55	ESE	2	0	3
Thurso	30.16	58	53	N	2	0	2	Scilly							
Scarborough ...	30.29	59	53	SSW	1	0	1	London*	30.31	58	53	SE	2	0	*
Greencastle ...	30.27	55	53	SW	1	0	*	Rochefort ...	30.12	77	59	E	1	0	3
Holyhead	30.30	59	56	SW	1	0	0								

Weather is dull at our Eastern and Northern stations, as well as in London, but fine at our other English stations. The easterly wind from the Channel is spreading over these Islands. Pressure is decreasing slowly generally.

EXPLANATION OF COLUMNS.

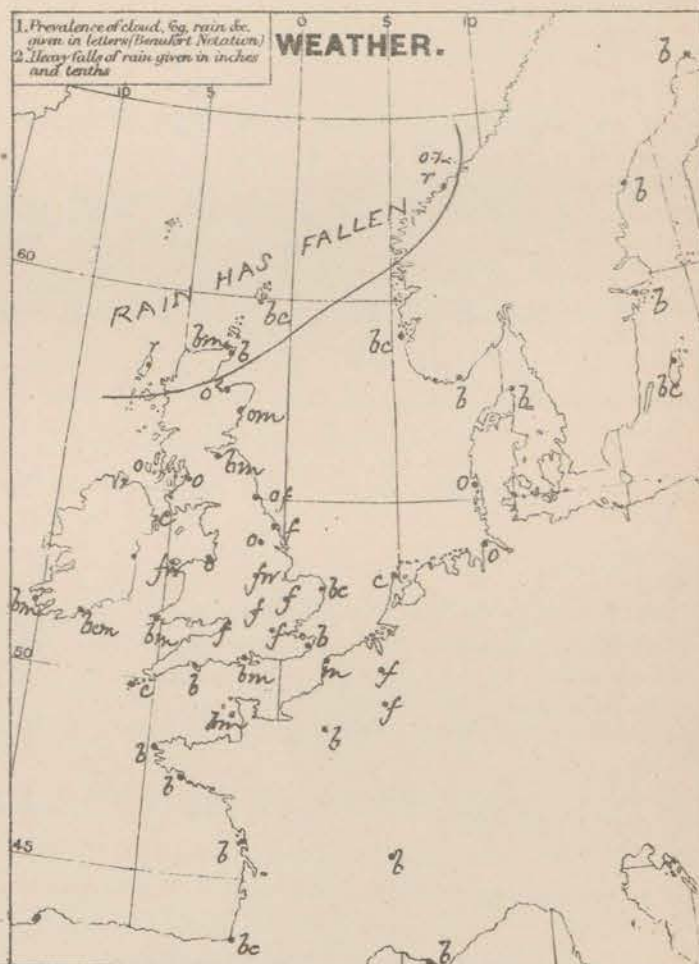
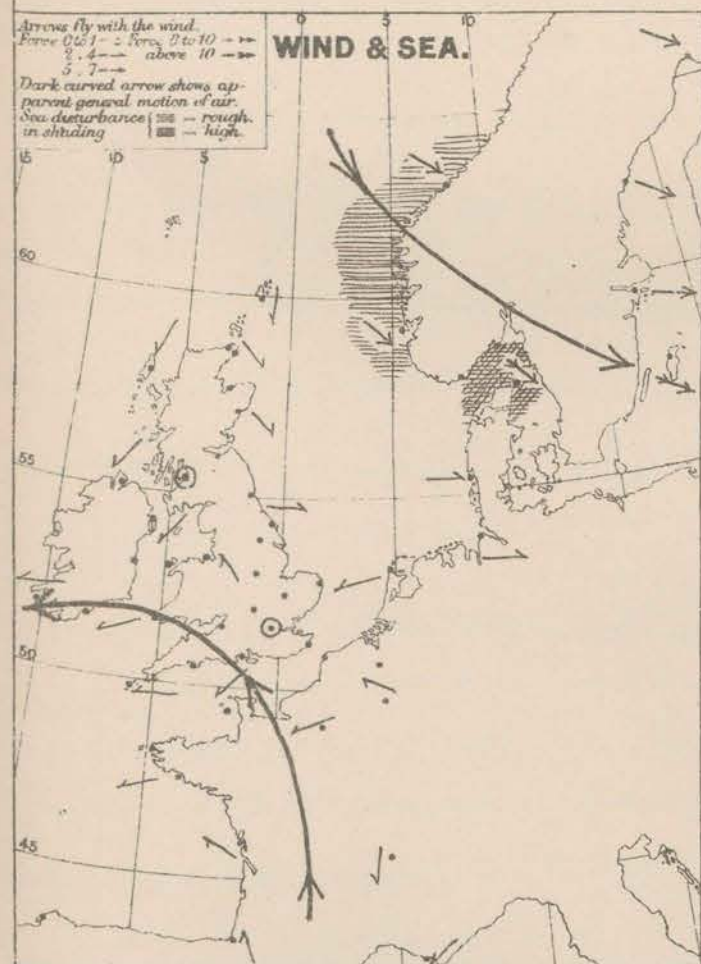
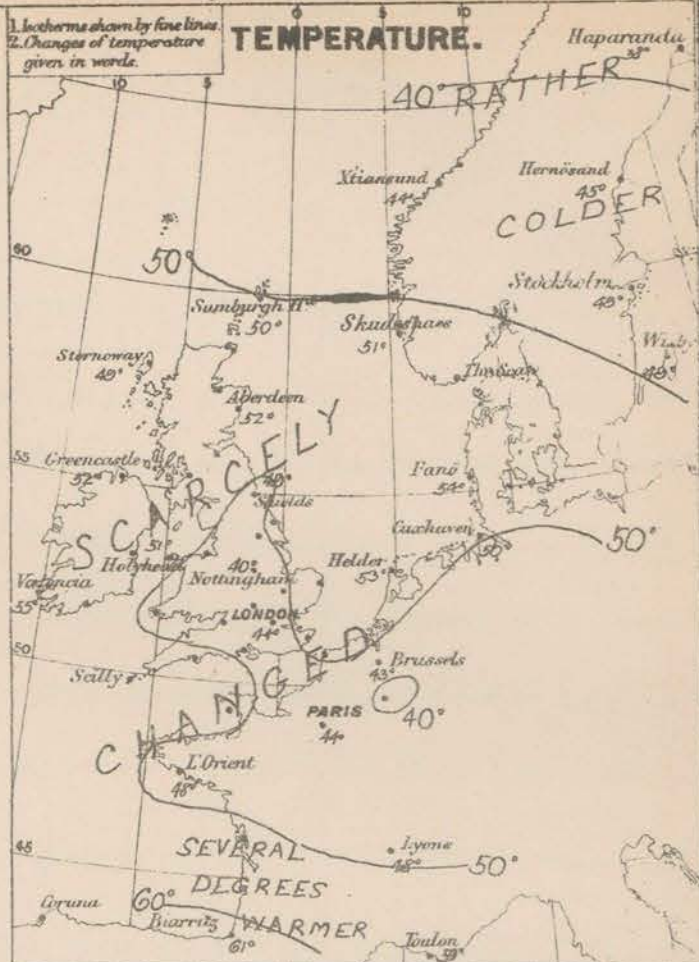
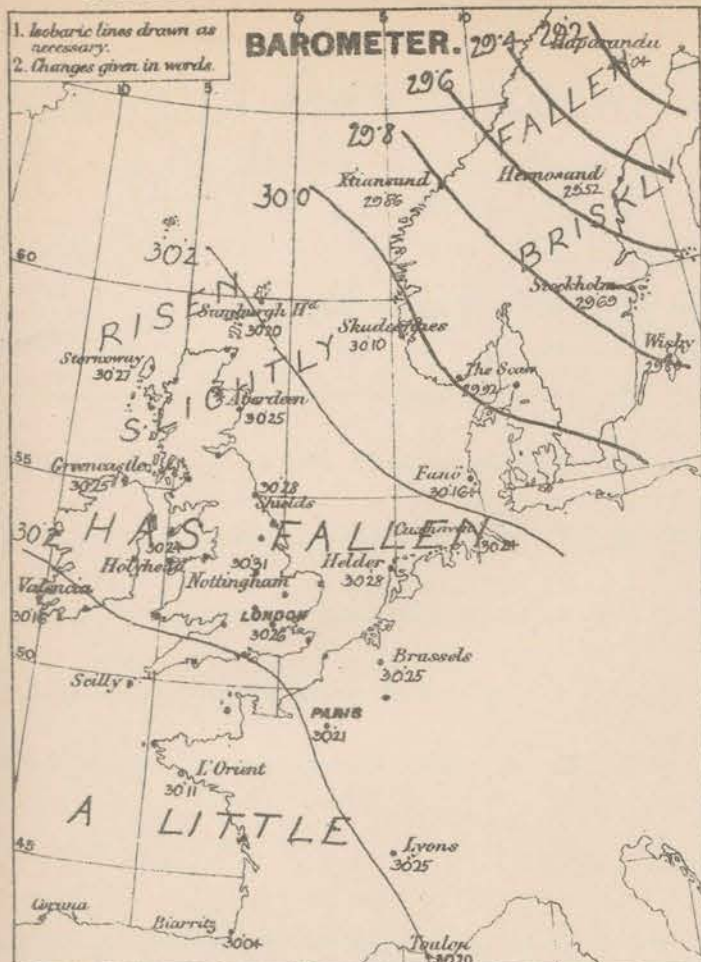
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Saturday 29th SEPT^r 1877.



REMARKS. Weather is clear over France and at some of our southern stations, but is rather cloudy elsewhere, with fog or mist in many parts of the Kingdom, and rain both at Christiansund and Stornoway. Light rain has fallen in the extreme north of Scotland, but none is reported elsewhere. Temperature has risen a few degrees in the west of France, but the changes in all other places are slight and irregular; it is still very low over central England (Nottingham 40°); in London last night the thermometer on the grass fell to 31°, and in the shade to 41°, while at Nottingham the shade temperature fell to 36°, and at York and Oxford to 39°. Wind is strong to a gale from NW over Scandinavia and Denmark, moderate from E. over France and the Channel, but almost calm on our coasts. Sea is slight to smooth.

Barometrical Indications. Pressure has decreased quickly in Sweden, and to a less extent over France, England and Ireland, but has increased slightly in Scotland. A large depression is shown in the neighbourhood of Haparanda, but over the British Isles readings continue uniform and high.

SUMMARY OF WEATHER IN WESTERN EUROPE

from SEPT^r 23rd to SEPT^r 29th 1877.

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

The weather during this week has been very quiet, on the first two days readings were lowest over North Germany, and highest off our SW coasts, so that Nth breezes and cloudy weather prevailed, but on Tuesday, the high pressure from the SW, extended E^{ast} and N^{orth} over the British Isles and remained firmly established till the close of the week. Very light variable airs have consequently prevailed on our coasts, with E^{ast} breezes over France, and N^{orth} winds over Scandinavia. Temperature has been about the average except over Central England, where it has been very low. The weather has been very dry and the sky clear of cloud generally, though a great deal of fog and mist has prevailed.

SEPT^r 23rd A slight depression had advanced from the N^{orth} to Denmark, and the barometer was falling over that country, N^{orth} Germany, and the greater part of these Islands, it was recovering, however in Scotland and the N. of Norway. It was still highest off the SW. of Ireland. Wind was N^{orth} (NW to NE) on all coasts, at some of our NW stations it was fresh in force, but was moderate or light generally. Temperature had risen somewhat and varied from 47° to 52° over these Islands. Weather was clear in the S. of France, the E. of Scotland, and N. of Norway, but was very cloudy elsewhere, with rain in London, Antwerp, and Oslo. During the day the recovery in the N. spread S^{outh} to all but our SW stations, but the weather still remained cloudy over England and Ireland.

SEPT^r 24th Pressure was increasing everywhere, most on the E^{ast} shore of the North Sea, it was still highest (30.1 in) over N. Germany, but readings were becoming more uniform. Wind continued N^{orth} on all coasts, but was light or moderate in force everywhere. Temperature had fallen except at the French and some of our SW stations, it was very low in the E. and SE, during the night it had fallen as low as 41° over Central England. Weather remained clear in the E. of Scotland and N. of Norway, but was cloudy elsewhere with fog or mist in a few places. During the day the only change was a further slight rise of the barometer.

SEPT^r 25th The barometer had fallen, during the night in the N. of Scotland and N. of Scandinavia, but risen elsewhere, a slight depression lay near the Shetlands, while a large area of high readings lay over Ireland, England and NW of France. Wind was very light and variable over the greater part of our coasts, but a light N^{orth} wind was shown in Caithness, SE^{ast} at Skutumpah, N^{orth} over Denmark, and NE^{ast} over the Bay of Biscay. Temperature had risen slightly in Scotland, but fallen elsewhere, most over Central England where the weather had become very cold.

In London during the night the thermometer had fallen to 33° in the shade and 27° on the grass. Weather was clear in France and N. Germany, cloudy elsewhere, with rain at Wick. Later Reports showed that the slight depression apparently travelled slowly down the North Sea, the barometer consequently fell on our E. coast, while it rose in the N.; at the same time a light N $\frac{1}{2}$ breeze sprang up at our NE $\frac{1}{2}$ stations.

SEPT^r 26th The barometer was falling slightly at Christiansund and in Sweden, but was rising in all other places, it was exceedingly uniform over these Islands, France and the Netherlands. Wind was light or moderate from NE. over the Bay of Biscay, and from SW. to N. in the N., but very light variable air prevailed on our coasts. Temperature had fallen over Scotland, but risen over England and on the eastern shores of the North Sea, elsewhere scarcely any change had occurred. It varied from 44° to 50° in Scotland, from 52° to 58° over Ireland, and from 45° to 55° over England. Weather was dull in the extreme N. and N. but fine elsewhere, though some fog or mist prevailed in many parts of England. Light rain had fallen in the N. and E. At 6 P.M. the mercury was still rising slowly generally, but nothing else of importance was occurring.

SEPT^r 27th Pressure was still giving way slowly in Sweden, but was increasing in all other places, it was high (30.30 - 30.40 ins.) and exceedingly uniform over these Islands, and the N. of France, but moderate gradients existed over Scandinavia. Wind was very light and variable on our coasts, but moderate from E. in France, and from N. on the E $\frac{1}{2}$ shore of the North Sea. Temperature had risen briskly in Scotland, Sweden and Denmark, fallen elsewhere, the highest readings over these Islands, and the N. of France were reported from Scotland, Aberdeen (54 $^{\circ}$) being 13° higher than Oxford, and 9° higher than Kilmory. Weather was fine over France, Denmark, and the N. of Scotland, cloudy elsewhere, with much fog and mist over Central England. During the day the barometer began to fall somewhat at Valentia, with a light S $\frac{1}{2}$ wind, but elsewhere no change occurred.

SEPT^r 28th The barometer was falling slowly in all places except Denmark, and the S. of Sweden; a large anticyclone (30.30 ins.) lay over Ireland, England, and the Netherlands, whence pressure decreased to 30.05 ins. at Kilmory, and to 29.52 ins. at Haparanda. Calm prevailed at most of the English stations, while a moderate E $\frac{1}{2}$ breeze was blowing over France, and N $\frac{1}{2}$ to NW $\frac{1}{2}$ winds ranging from a light breeze to a fresh gale were reported in Scandinavia. Temperature had changed irregularly, but had risen at most of the English stations; over Central England, however, it continued very low; at Cambridge it had fallen to 32° during the night. Weather was dull except in France and S. and E. of England, some fog was still reported. A deep depression appeared in Sweden in the evening, causing a hard N $\frac{1}{2}$ gale at Christiansund, and a fresh SW. gale at Ulsby, on our coast no great change occurred.

SEPT^r 29th Pressure had risen slightly over Scotland and the N. of Norway, but fallen in all other places, the deep depression noticed above, still lay over Sweden, and gradients were very steep in the N. but in these Islands readings continued uniform. NW $\frac{1}{2}$ winds strong to a gale prevailed over Scandinavia, while a light E $\frac{1}{2}$ breeze was reported from France and the Channel, and calm on our coasts. Temperature had risen slightly in the SW. of France, changed irregularly elsewhere. Weather continued fine in the S. and dull in the N. Very little change occurred during the day.

Meteorological Office,

116, Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT

SEPT 30th

1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.		
Haparanda ...	29.52	35	NW	4	6	29.75	+ .71	32	28	- 6	NW	4	6	*	*	*	-	
Hernösand ...	29.89	41	NW	6	6	30.13	+ .61	38	37	- 7	NNW	4	6	*	*	*	-	
Stockholm ...	29.92	45	N	6	6	30.19	+ .50	40	37	- 9	NW	2	6	*	*	*	-	
Wisby ...	29.93	49	N	6	6	30.19	+ .39	44	39	- 5	N	8	6	*	*	*	0.04.	
Christiansund ...	30.21	42	NW	4	6	30.30	+ .44	42	41	- 2	SW	3	6	5	45	37	?	
Skudesnaes ...	30.24	47	NNW	4	6	30.32	+ .32	45	42	- 6	NE	2	6	2	59	37	-	
Oxö (Xtiansand) ...	30.35	53	NNW	4	6	30.30	+ .35	45	42	- 9	N	4	6	2	59	39	-	
Skagen (The Seaw) ...	30.13	53	NE	3	6	30.30	+ .38	50	44	- 4	SSE	4	6	4	61	45	-	
Fanö ...	30.23	47	NNW	3	6	30.28	+ .42	42	42	- 12	E	2	f	*	59	39	-	
Cuxhaven ...	30.24	4	NW	2	m	30.26	+ .02	51	51	- 2	NE	1	6	*	55	46	-	
Sumburgh Head ...	30.30	45	N	2	6	30.32	+ .12	47	45	- 3	SE	2	6	2	54	40	-	
Stornoway ...	30.27	52	E	1	6	30.24	- .03	50	49	+ 1	S	1	6	1	54	46	0.02	
Thurso ...	30.29	51	NNE	1	6	30.27	+ .02	43	42	- 8	S	1	6	1	60	37	-	
Wick ...	30.32	48	Z	0	6	30.29	+ .03	52	49	+ 4	S	2	6	0	57	40	-	
Nairn ...	30.30	50	Z	0	6	30.26	+ .01	45	43	- 7	Z	0	6	1	57	43	-	
Aberdeen ...	30.28	51	NE	1	6	30.29	+ .04	51	49	- 1	SE	2	6	1	54	46	0.04	
Leith ...	30.28	54	SE	1	6	30.26	- .01	52	50	0	ESE	1	6	*	64	49	-	
Shields ...	30.28	53	E	1	6	30.28	.00	52	51	+ 3	E	1	6	0	55	49	-	
Scarborough ...	30.27	52	Z	0	6	30.28	.00	52	52	- 1	NE	1	6	1	56	51	-	
York ...	30.26	54	E	1	6	30.27	- .01	52	50	+ 2	ENE	1	6	*	59	48	-	
Nottingham ...	30.24	55	ENE	3	6	30.26	- .05	50	50	+ 10	N	2	6	*	65	40	-	
Ardrossan ...	30.24	55	ENE	1	6	30.24	- .03	51	49	0	NE	2	6	1	59	51	-	
Greencastle ...	30.21	53	E	2	6	30.15	- .10	53	51	+ 1	SE	2	6	*	58	48	-	
Donaghadee ...	30.22	54	SE	3	6	30.21	- .06	54	53	+ 1	SE	4	6	2	57	53	-	
Kingstown ...	30.17	55	ENE	3	6	30.18	- .06	55	49	+ 4	E	2	6	2	60	49	-	
Holyhead ...	30.21	57	ESE	2	6	30.23	- .04	50	48	+ 1	E	2	6	1	61	48	-	
Liverpool (Bidston) ...	30.10	57	SE	2	6	30.08	- .08	55	52	0	E	2	6	3	62	49	-	
Valencia ...	30.13	58	ESE	5	6	30.10	- .08	55	53	+ 2	ESE	3	6	3	61	52	-	
Roche's Point...	30.15	56	ESE	3	6	30.13	- .09	54	52	+ 5	E	4	6	2	58	49	-	
Pembroke ...	30.18	56	NNE	2	6	30.19	- .05	48	48	+ 1	ENE	3	6	2	63	45	-	
Portishead ...	30.11	57	E	2	6	30.11	- .05	57	56	+ 4	ENE	3	6	*	61	48	-	
Scilly ...	30.13	59	SE	3	6	30.19	- .01	55	54	+ 6	ENE	3	6	3	61	46	-	
Plymouth ...	30.19	57	ENE	4	6	30.18	- .07	57	53	+ 4	E	3	6	2	59	52	-	
Hurst Castle ...	30.21	57	E	2	6	30.21	- .05	48	46	+ 4	Z	0	6	3	67	38	-	
Dover ...	30.22	54	E	1	6	30.22	- .05	49	48	+ 2	E	1	6	*	64	42	-	
London ...	30.24	55	E	3	6	30.22	- .04	55	53	+ 1	E	3	6	2	58	52	-	
Oxford ...	30.25	53	ENE	1	6	30.25	- .03	53	51	0	ENE	1	6	*	*	*	-	
Cambridge ...	30.19	59	ENE	2	m	30.15	- .08	52	50	0	SSE	3	6	2	63	46	-	
Yarmouth ...	30.12	57	ENE	1	6	30.12	- .04	56	53	+ 1	NE	1	6	1	65	52	-	
The Helder ...	30.12	63	E	2	6	30.10	- .03	57	55	+ 7	SE	2	6	2	72	50	-	
Cape Gris Nez ...	30.07	61	SE	2	6	30.08	- .03	58	52	+ 7	ESE	3	6	2	72	46	-	
Jersey ...	30.05	66	E	1	6	30.09	.00	55	52	+ 1	SE	3	6	3	79	43	-	
Brest ...	30.00	71	SSE	2	6	30.02	- .02	59	55	- 2	SSE	2	6	2	79	57	-	
L'Orient ...	*	*	*	*	*	30.19	- .06	42	*	- 1	NNE	6	f	*	*	*	-	
Rochefort ...	*	*	*	*	*	30.16	- .06	41	*	+ 2	SE	1	f	*	*	*	-	
Biarritz ...	30.30	59	E	1	6	30.14	- .07	45	44	+ 1	N	1	6	*	*	*	-	
Corunna ...	*	*	*	*	*	30.20	- .05	52	*	+ 4	NE	2	m	*	*	*	-	
Brussels ...	30.17	59	Z	0	6	30.16	- .04	55	50	- 4	NE	2	6	3	68	59	-	
Charleville ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
Paris ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
Lyons ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
Toulon ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	30.18	57	44	NNW	6	6	Valencia	30.11	62	65	ESE	4	8cm	4
Thurso	30.28	58	52	NNW	1	6	Scilly							
Scarborough ...	30.28	56	54	NNE	1	off	London	30.21	61	54	E	2	6	*
Greencastle ...	30.23	57	54	E	2	0	Rochefort ...	30.08	70	54	SE	4	6	3
Holyhead	30.20	58	55	ENE	2	6								

The barometer is falling in the SW. and S. but rising in the N. of Scotland. The easterly wind is freshening on our SW. coast, and veering towards SE. Temperature is rising.

EXPLANATION OF COLUMNS.

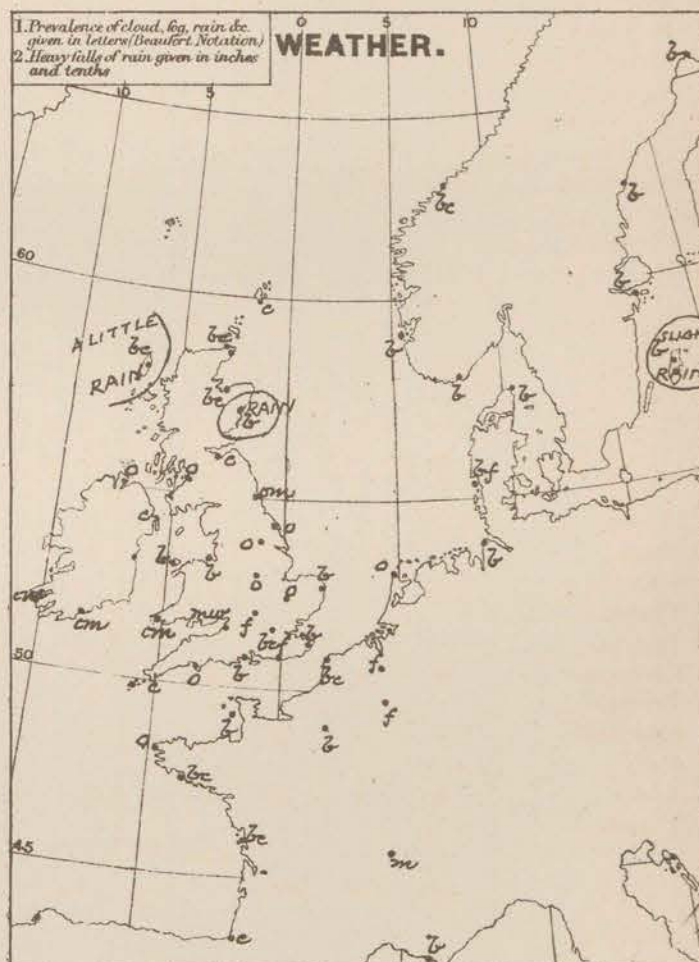
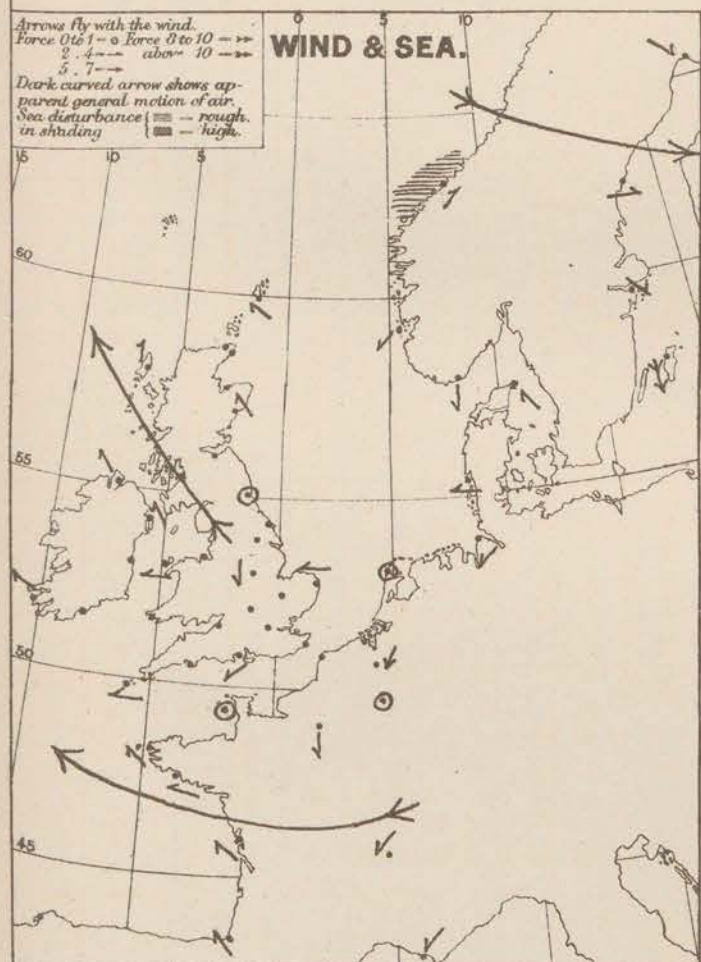
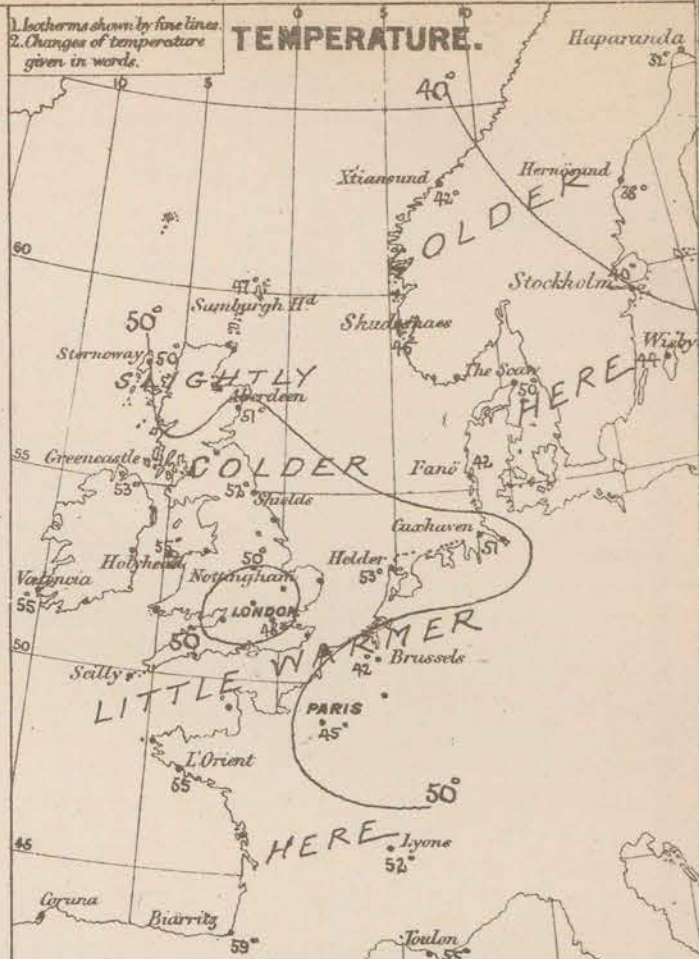
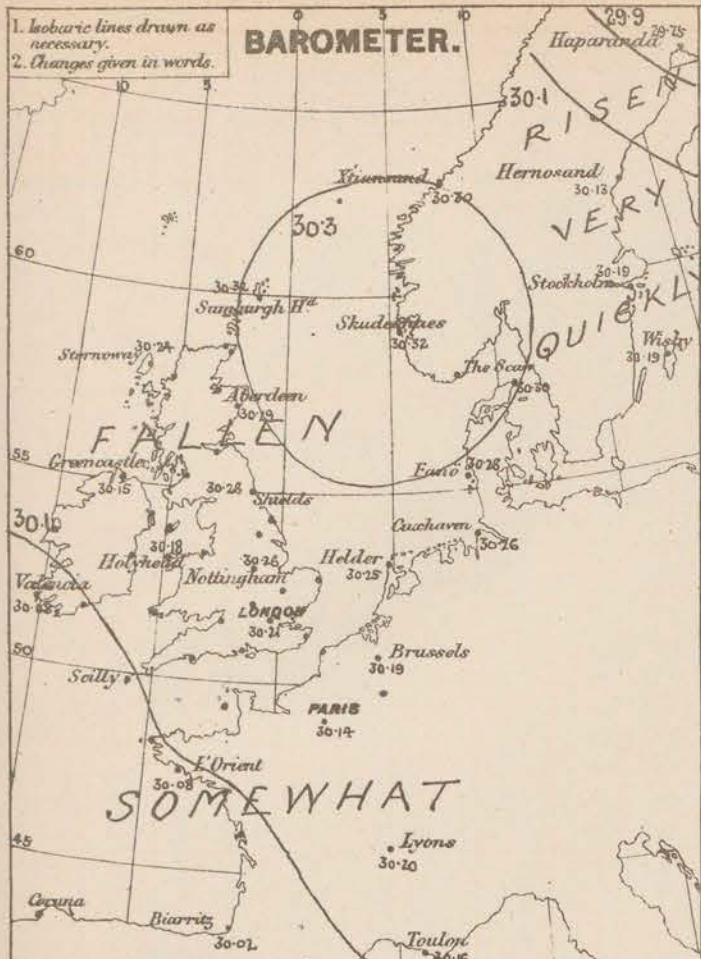
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Sunday SEPT. 30th 1877.



REMARKS. Weather clear in France, Scandinavia, and at many of the Scotch stations, but more or less cloudy over England and Ireland. Rain has fallen only at Wisby, Stavanger and Aberdeen. Temperature has decreased several degrees over Sweden, Denmark, and the NE. of Scotland, while it has risen in the NW. of France, elsewhere little change has occurred, it is very uniform over W. Europe, in London the thermometer fell to 38° in the shade, and 32° on the grass, while the maximum yesterday was 67°. Winds is E. to SE. on all our coasts, it is very light in the east, but moderate in the W, in Sweden it is W. to NW. and blows a gale at Wisby. Sea is slight except at Christiansund.

Barometrical Indications.
The deep depression which yesterday lay over the Gulf of Bothnia has since moved SE. and the overlying has risen very quickly in Sweden, elsewhere no great change has occurred, it being still very uniform over these islands and its immediate neighbourhood.

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.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR SEPT 1877

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	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.		
				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.			
1 st	Silly	30.09	57	NNW	6	c	30.18	+0.9	58	52	-5	N	4	bc	3	60	55	0.01		
	Silly 2pm	-	-	-	-	-	30.16	-	61	54	-	WSW	2	o	3	-	-	-		
2 nd	Liverpool	30.07	56	N	2	b	29.92	-1.3	50	49	-1	S	1	N	1	54	48	0.09		
	Silly	30.13	57	SW	2	o	29.95	-2.3	58	56	0	WSW	2	N	2	62	52	0.16		
3 rd	Silly	29.69	55	WSW	4	N	30.01	+0.6	54	49	-5	NNW	9	e	6	58	52	0.87		
	Silly 2pm	-	-	-	-	-	30.15	-	56	51	-5	NNW	8	bc	6	-	-	-		
4 th	Haparanda	29.73	46	Z	0	b	29.80	+1.6	45	43	+2	Z	0	c	*	*	*	-		
	Hernösand	29.77	45	Z	0	o	29.83	+2.3	49	47	+2	NE	2	c	*	*	*	0.12		
	Stockholm	29.74	47	SW	2	b	29.84	+2.4	48	47	-1	Z	0	f	*	*	*	0.04		
	Widby	29.81	52	N	8	b	29.86	+1.1	53	50	+3	NNW	2	o	*	*	*	-		
	Silly	30.25	56	NNW	6	bc	30.36	+3.5	56	56	+2	NNW	3	bc	2	57	53	0.06		
	Corunna	*	*	*	*	*	30.14	?	63	*	?	E	6	b	4	*	*	*		
	Silly 2pm	-	-	-	-	-	30.39	-	60	57	-3	NW	3	bc	2	-	-	-		
5 th	Haparanda	29.84	44	Z	0	c	29.84	+0.4	43	42	-1	Z	0	b	*	*	*	0.12		
	Hernösand	29.88	45	Z	0	b	29.91	+0.8	47	44	-3	Z	0	b	*	*	*	-		
	Stockholm	29.88	?	N	2	b	29.91	+0.7	50	47	+3	Z	0	b	*	*	*	-		
	Widby	29.95	51	NNE	4	b	29.95	+0.9	51	49	-2	N	4	b	*	*	*	-		
	Silly	30.40	58	NNW	2	bc	30.38	+0.2	58	53	+5	ESE	2	b	0	61	52	-		
	Silly 2pm	-	-	-	-	-	30.33	-	61	55	-6	S	1	b	0	-	-	-		
6 th	Silly	30.28	59	Z	0	bc	30.05	-3.3	58	54	-4	E	2	c	1	62	52	-		
	Silly 2pm	-	-	-	-	-	29.96	-	59	53	-6	NE	2	c	1	-	-	-		
7 th	Silly	29.91	57	NE	3	o	29.83	-2.2	59	55	+4	ENE	5	c	3	61	52	-		
	Biarritz	29.75	72	ESE	2	c	29.67	-1.9	73	66	+7	SSE	3	c	2	82	?	-		
	Silly 2pm	-	-	-	-	-	29.79	-	61	56	-5	NE	5	c	3	-	-	-		
8 th	Silly	29.76	60	ENE	6	o	29.78	-0.5	54	52	-2	ENE	9	o	p	6	62	52	0.03	
	Corunna	*	*	*	*	*	29.69	?	64	*	?	?	6	o	7	*	*	*		
	Silly 2pm	-	-	-	-	-	29.79	-	56	55	-1	E	10	N	7	-	-	-		
9 th	Silly	29.83	55	E	10	N	29.87	+0.9	58	57	+1	E	6	o	5	58	54	0.64		
10 th	Silly	29.91	58	SSE	5	o	29.87	-0.0	60	58	+2	SE	6	o	4	60	57	0.01		
	Corunna	*	*	*	*	*	29.96	?	46	*	?	SW	3	c	1	*	*	*		
	Silly 2pm	-	-	-	-	-	29.81	-	60	59	-1	SSE	7	N	6	-	-	-		
11 th	Silly	29.76	60	S	8	o	29.61	-2.6	60	59	-1	SSW	6	c	6	60	57	0.59		
	Corunna	*	*	*	*	*	29.97	+0.1	64	*	+18	SW	?	c	N	5	*	*	*	
	Silly 2pm	-	-	-	-	-	29.68	-	63	59	-4	SW	6	c	6	-	-	-		
12 th	Summerville Hd.	29.70	53	SE	6	m	29.39	-4.9	54	53	-1	SE	4	o	6	56	52	0.21		
	Silly	29.68	59	WSW	6	o	29.82	+2.1	60	58	-2	SW	6	o	6	64	57	0.05		
	Cambridge	29.72	58	S	1	bc	29.82	-0.4	59	58	-1	SW	2	c	*	69	54	0.16		
	Corunna	*	*	*	*	*	30.18	+2.1	61	*	-3	S	?	c	p	5	*	*	*	
	Silly 2pm	-	-	-	-	-	29.89	-	62	61	-1	SW	6	o	6	-	-	-		
13 th	Silly	29.93	59	WSW	6	o	29.97	+1.5	60	59	-1	SSW	6	o	6	64	58	0.03		
	Silly 2pm	-	-	-	-	-	29.96	-	62	60	-2	SW	7	c	6	-	-	-		
14 th	Silly	29.92	61	SW	7	c	29.97	+0.0	60	60	0	SW	4	f	d	5	63	58	0.23	
	Corunna	*	*	*	*	*	30.22	-0.5	58	*	+3	N	?	b	5	*	*	*		
	Silly 2pm	-	-	-	-	-	29.99	-	64	62	-2	SSW	6	o	6	-	-	-		
15 th	Silly	29.96	61	SW	6	o	30.05	+0.8	58	57	-1	NNW	6	o	6	64	57	0.19		
	Brest	30.18	?	SSW	4	bc	30.14	-0.3	61	61	0	NNW	3	m	4	63	59	-		
	Corunna	*	*	*	*	*	30.28	+0.6	62	*	+4	?	?	b	5	*	*	*		
	Silly 2pm	-	-	-	-	-	30.18	-	60	57	-3	NNW	5	bc	5	-	-	-		
16 th	Silly	30.23	58	NNE	4	b	30.33	+2.8	60	57	+3	ENE	3	b	3	60	56	-		
17 th	Silly	30.34	58	NE	3	c	30.32	-0.1	58	56	-2	NE	4	c	2	61	56	-		
	Corunna	*	*	*	*	*	30.06	-0.9	65	*	+4	N	?	b	1	*	*	*		
	Silly 2pm	-	-	-	-	-	30.34	-	59	55	-4	ENE	4	c	2	-	-	-		
18 th	Silly	30.25	58	ENE	4	o	30.36	+0.4	57	54	-3	ENE	4	o	2	61	54	-		
	Corunna	*	*	*	*	*	30.16	+1.0	64	*	-1	NE	9	b	4	*	*	*		
	Silly 2pm	-	-	-	-	-	30.35	-	59	56	-3	ENE	5	bc	2	-	-	-		
19 th	Silly	30.30	57	NE	5	bc	30.23	-1.3	58	55	+3	NE	4	b	1	60	54	-		
	Silly 2pm	-	-	-	-	-	30.16	-	59	57	-2	NNE	4	c	1	-	-	-		
20 th	Silly	30.12	58	NNE	5	o	29.97	-2.6	57	53	-4	N	4	o	2	60	55	0.01		
	Corunna	*	*	*	*	*	29.88	-1.1	59	*	-4	NE	3	b	1	*	*	*		
	Silly 2pm	-	-	-	-	-	29.91	-	57	54	-3	NNE	5	o	2	-	-	-		
21 st	Silly	29.86	57	N	5	o	29.83	-1.4	55	53	-2	ENE	5	o	3	59	55	-		
	Corunna	*	*	*	*	*	29.79	-0.9	64	*	+5	SW	?	m	1	*	*	*		

RS.	Amount of Rainfall.
1	1.00
2	1.00
3	1.00
4	1.00
5	1.00
6	1.00
7	1.00
8	1.00
9	1.00
10	1.00
11	1.00
12	1.00
13	1.00
14	1.00
15	1.00
16	1.00
17	1.00
18	1.00
19	1.00
20	1.00
21	1.00
22	1.00
23	1.00
24	1.00
25	1.00
26	1.00
27	1.00
28	1.00
29	1.00
30	1.00
31	1.00
32	1.00
33	1.00
34	1.00
35	1.00
36	1.00
37	1.00
38	1.00
39	1.00
40	1.00
41	1.00
42	1.00
43	1.00
44	1.00
45	1.00
46	1.00
47	1.00
48	1.00
49	1.00
50	1.00
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90	1.00
91	1.00
92	1.00
93	1.00
94	1.00
95	1.00
96	1.00
97	1.00
98	1.00
99	1.00
100	1.00

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