



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 *August 1st* 1877.

STATIONS.	† YESTERDAY EVENING.					3 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 520 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SEASIDE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.			
			Dir.	Force. (0 to 12).		Reading at 350 F. and Sea Level.	Difference from 5 a.m. yesterday.	Dry.	Wet.	Difference from 5 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.	
Haparanda ...															*	*	*	
Hernösand ...															*	*	*	
Stockholm ...															*	*	*	
Wisby ...															*	*	*	
Christiansund ...	29.68	50	NN	2	0	29.62	- .11	57	49	0	SW	4	C	2	61	50	-	
Skudesnaes ...	29.71	55	NNN	2	0	29.60	- .23	56	52	- .1	NNN	2	0	2	59	55	0.59	
Oxö (Xtiansand) ...	29.68	58	SSN	4	C	29.56	- .27	56	57	- .1	N	4	C	2	59	50	-	
Skagen (The Seaw) ...	29.68	58	NNN	4	C	29.53	- .29	59	52	- .1	NNN	5	C	5	66	62	0.04	
Fanö ...	29.75	62	NSN	2	0	29.62	- .36	62	60	- .6	SW	2	0	*	68	59	0.04	
Cuxhaven ...	29.93	*	NNN	3	3	29.66	- .42	65	67	+ .3	SW	3	C	*	61	61	0.33	
Sumburgh Head ...	29.76	54	NNN	3	C	29.72	- .11	49	47	- .5	NE	3	0	2	60	47	0.07	
Stornoway ...	29.84	55	N	1	C	29.74	- .05	58	50	- .2	NN	1	C	1	58	48	0.10	
Thurso ...	29.71	54	SSE	2	0	29.78	- .10	52	53	- .2	NNN	2	C	3	60	49	0.16	
Wick ...	29.81	54	NN	2	0	29.77	- .12	55	52	- .1	N	1	C	0	59	50	0.02	
Nairn ...	29.83	58	N	3	C	29.82	- .10	54	57	+ .1	N	2	0	1	59	57	0.07	
Aberdeen ...	29.82	55	Z	0	0	29.78	- .11	54	50	- .1	NNN	3	C	1	58	47	0.15	
Leith ...	29.82	55	E	3	0	29.83	- .06	59	54	- .4	NN	3	C	*	63	48	0.07	
Shields ...	29.82	65	NSN	0	0	29.85	- .10	55	53	- .7	NNN	2	C	0	68	50	-	
Scarborough ...	29.85	65	N	2	0	29.85	- .12	60	55	- .3	NNN	3	C	3	69	53	-	
York ...	29.87	64	N	2	0	29.87	- .15	55	57	- .8	NN	2	C	0	68	46	-	
Nottingham ...	29.89	70	SW	2	0	29.88	- .17	61	54	- .5	NN	3	C	*	80	50	-	
Ardrossan ...	29.88	60	NN	4	C	29.88	- .05	56	52	- .2	NNN	3	C	3	65	57	0.07	
Greencastle ...	29.94	58	NN	2	C	29.92	+ .02	53	57	- .5	NN	2	C	*	62	46	0.12	
Donaghadee ...	29.93	61	SW	4	C	29.94	- .02	55	53	- .9	NNN	3	C	2	67	49	0.15	
Kingstown ...	29.95	60	N	5	0	30.01	- .02	55	57	- .8	NNN	4	C	3	68	57	-	
Holyhead ...	29.92	56	N	4	0	29.96	- .07	55	52	- .3	NN	4	C	3	64	53	0.02	
Liverpool (Bidston) ...	29.88	63	N	2	0	29.92	- .12	55	57	- .6	NNN	4	C	3	67	54	-	
Valencia ...	30.04	58	NNN	4	C	30.12	+ .07	57	54	- .3	NNN	3	C	3	65	52	-	
Roche's Point ...	29.98	61	N	4	C	30.08	+ .02	57	53	- .6	N	3	C	2	67	52	-	
Pembroke ...	29.93	61	N	1	0	30.07	- .06	55	57	- .5	NN	2	0	1	67	55	0.07	
Portishead ...	29.88	61	NSN	1	0	29.94	- .14	57	54	- .4	NNN	3	C	3	70	52	0.07	
Seilly ...																		
Plymouth ...	29.90	71	NNW	2	0	29.98	- .10	61	57	- .2	NN	1	C	*	73	58	-	
Hurst Castle ...	29.88	70	S	1	C	29.91	- .19	59	57	- .6	N	2	0	3	74	56	-	
Dover ...	29.90	68	SW	2	C	29.86	- .32	63	61	- .4	NNW	3	C	1	72	62	0.02	
London ...	29.88	79	SW	3	0	29.86	- .24	59	55	- .8	NNW	3	0	*	86	57	-	
Oxford ...	*	*	*	*	*	29.90	- .18	58	53	- .4	NNN	2	C	*	82	56	-	
Cambridge ...	29.85	77	SW	1	0	29.85	- .20	59	56	- .8	NN	1	0	*	83	55	0.17	
Yarmouth ...	29.86	70	Z	0	C	29.80	- .25	60	58	- .11	NNN	3	C	2	81	58	0.20	
The Helder ...	*	*	*	*	*	29.71	- .35	63	62	- .4	NN	1	C	*	*	*	0.04	
Cape Gris Nez ...	29.93	73	Z	0	C	29.80	- .32	63	61	- .5	NE	3	C	2	79	61	-	
Jersey ...	29.96	77	SW	1	C	29.97	- .18	62	60	- .8	NN	3	0	2	81	60	-	
Brest ...	30.04	73	N	1	C	30.09	- .04	61	59	- .9	NN	3	0	3	75	59	-	
L'Orient ...	29.97	70	NSN	3	C	30.03	- .05	61	59	- .11	NNN	3	0	3	81	59	-	
Rochefort ...	29.99	77	NN	2	C	30.02	- .05	66	64	- .9	NN	5	0	4	88	63	-	
Biarritz ...						30.02	- .02	66	64	- .15	SSN	4	0	3	88	?	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.71	- .41	70	*	+ .3	SW	3	0	*	*	*	*	
Charleville ...	*	*	*	*	*	29.71	- .43	73	*	+ .12	SSE	3	C	*	*	*	*	
Paris ...	29.93	82	SSN	3	C	29.83	- .03	71	*	- .6	SW	4	C	*	*	*	*	
Lyons ...	*	*	*	*	*	30.02	?	74	*	+ .2	SE	2	C	*	*	*	*	
Toulon ...	30.12	79	SW	1	C	30.07	- .11	75	61	- .4	SW	3	C	2	86	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.78	59	53	NNW	4	C	Valencia	30.03	59	58	NNW	4	C	4
Thurso	29.86	55	52	NNW	2	0	Seilly							
Scarborough ...	29.90	67	62	WSW	1	0	London	29.97	81	72	SW	2	C	*
Greencastle ...	29.93	58	52	N	2	C	Rochefort ...	30.02	84	72	NE	2	C	3
Holyhead	29.97	63	61	SW	4	C								

Weather continues cloudy and N. and has become rather so in London. Temperature is as high as 81° in London. Wind veered to N. in Ireland where pressure is now recovering.

EXPLANATION OF COLUMNS.

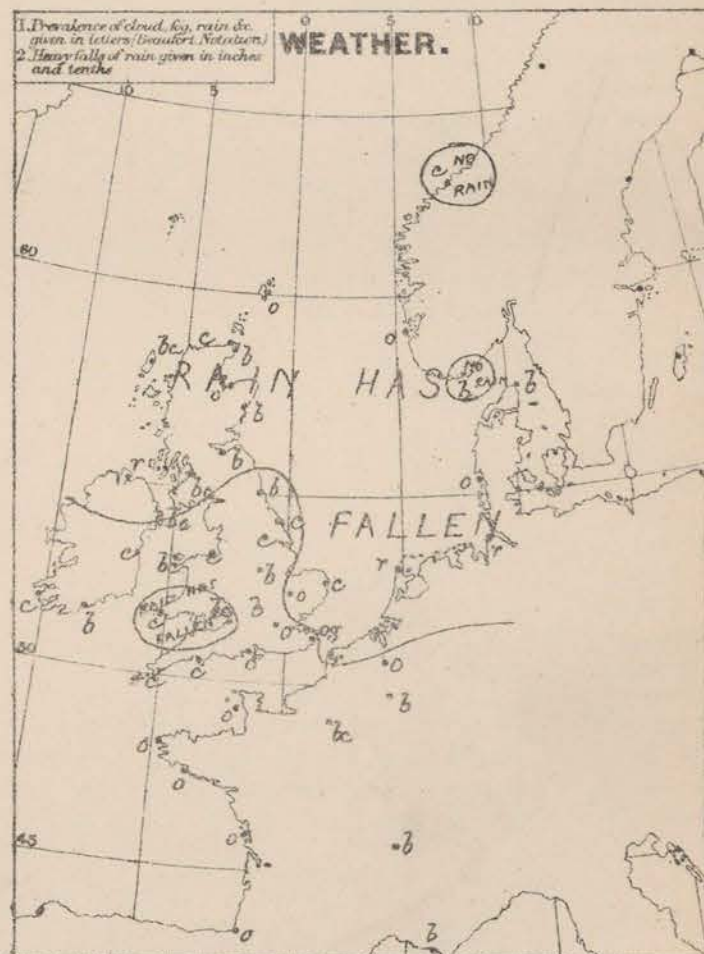
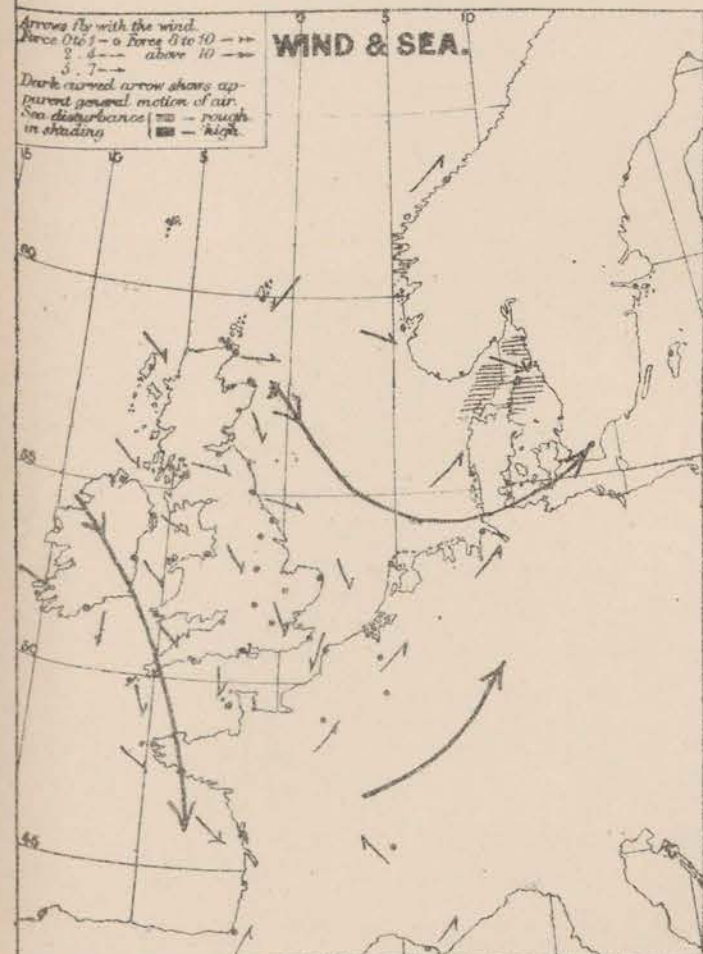
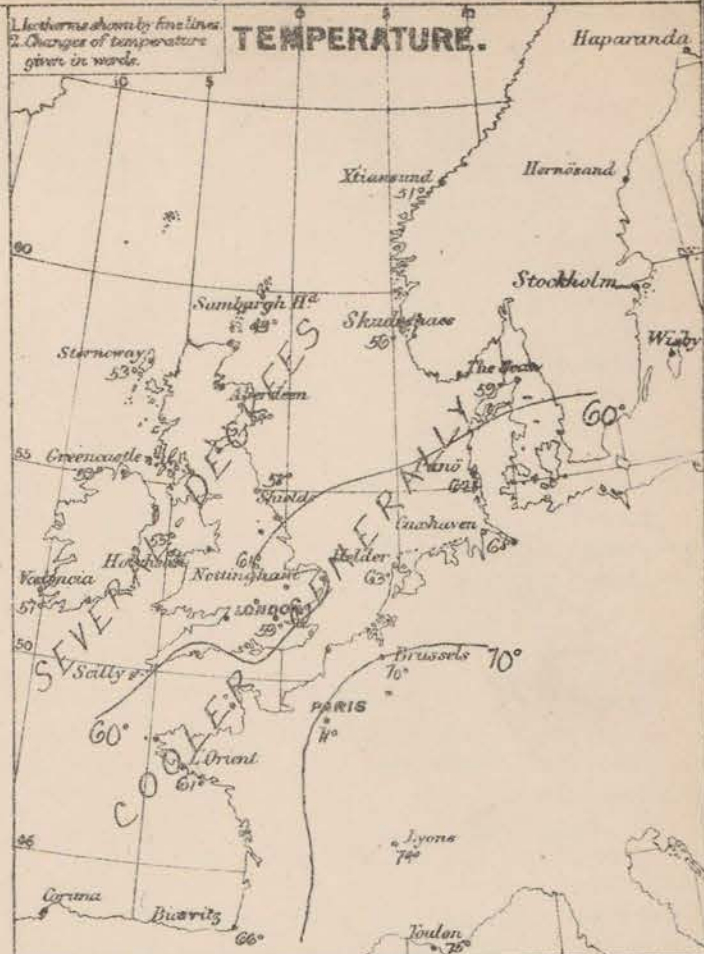
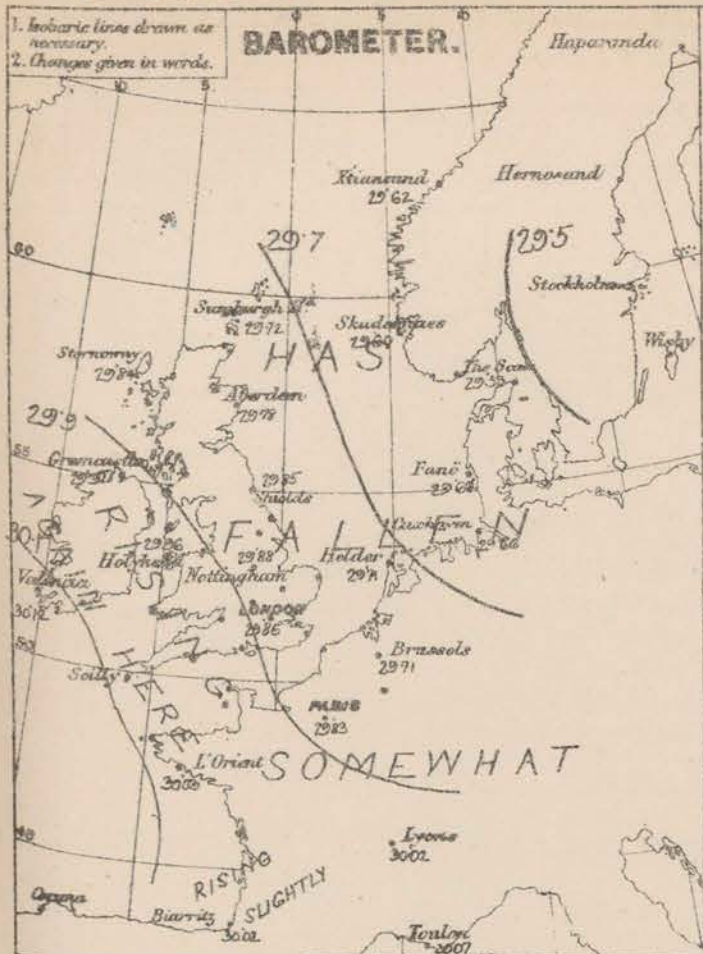
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

† The evening observations are taken at 6 p.m. in our Islands, at 3 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Wednesday 1st Augst 1877.



REMARKS. Weather is cloudy and dull over southern England and the west of France, clear or moderately so in most other places. Rain has fallen at many of our northern and western stations, but nowhere heavily. Thunder and lightning occurred in the south east last evening. Temperature has fallen generally — as much as 8° or 10° over eastern England and the north of France and 13° at Biarritz; the maxima in the shade yesterday were 88° in the south west of France, 86° in London 80° or slightly above at our other central stations. Wind is WNW to NW on all our coasts, and generally light in force; on the Continent it is more variable; in London the shift in direction occurred at about two am. The sea is slight to smooth.

Barometrical Indications.

Pressure is now going way on the eastern shores of the North Sea, over the Netherlands and north of France but is increasing in these islands. It is highest off the south west of Ireland and lowest over Scandinavia, but a small local disturbance which passed across southern England during last night is shown over the Netherlands.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT *August 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.	Sec. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 15).		Reading at 8 A.M. and Sea Level.	Difference from 8 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Dir.	Force (0 to 15).			Max.	Min.		
Haparanda ...														*	*	*		
Hernösand ...														*	*	*		
Stockholm ...														*	*	*		
Wisby ...														*	*	*		
Christiansund ...	29.53	57	N	2	c	29.47	- .15	57	47	0	SSW	2	c	2	57	41	-	
Skudesnaes ...	29.59	53	NN	4	b	29.54	- .06	52	50	- 4	NNN	2	b	2	57	?	0.28	
Oxö (Klansand) ...	29.50	57	N	4	b	29.53	- .03	53	48	- 1	N	4	b	2	66	50	-	
Skagen (The Seaw) ...	29.57	57	NNN	4	b	29.47	- .06	56	54	- 3	NNN	5	b	4	70	50	-	
Fanö ...	29.66	56	NN	6	c	29.68	+ .06	62	55	0	N	4	c	*	63	54	0.16	
Cuxhaven ...	29.71	54	N	4	o	29.76	+ .10	59	57	- 9	SW	2	c	*	55	55	0.11	
Sumburgh Head ...	29.66	50	NNN	4	o	29.58	- .04	45	46	- 1	NN	4	b	3	55	46	0.07	
Stornoway ...	29.82	53	NN	2	c	29.72	- .12	57	50	- 2	NN	4	b	4	57	46	0.17	
Thurso ...	29.76	53	NN	3	c	29.67	- .28	50	49	- 4	N	2	b	2	57	45	0.16	
Wick ...	29.79	52	NN	3	o	29.69	- .08	57	50	- 4	NN	1	b	0	58	46	0.06	
Nairn ...	29.80	55	N	2	c	29.72	- .10	57	50	- 3	N	2	o	2	58	49	0.17	
Aberdeen ...	29.76	56	NNN	3	b	29.73	- .05	55	50	+ 1	NNN	2	c	1	61	54	0.01	
Leith ...	29.80	54	N	5	b	29.80	- .03	55	57	- 4	N	4	c	*	69	48	0.13	
Shields ...	29.82	57	Z	0	c	29.86	+ .01	57	54	- 1	N	4	b	1	62	48	-	
Scarborough ...	29.84	57	SE	1	o	29.84	+ .01	61	54	+ 1	NN	3	b	3	61	57	-	
York ...	29.92	56	NNN	3	b	29.87	- .05	57	50	+ 2	NNN	3	b	*	67	46	0.08	
Nottingham ...	29.91	59	NN	4	o	29.93	+ .03	62	55	+ 1	NNN	4	c	*	69	45	0.01	
Ardrossan ...	29.87	58	NN	4	c	29.88	00	56	57	0	NNN	4	c	3	62	54	-	
Greencastle ...	29.90	55	NN	2	o	29.93	+ .01	56	52	+ 3	NW	2	c	*	60	47	0.18	
Donaghadee ...	29.93	55	N	3	c	29.96	+ .02	53	57	- 2	NNN	5	b	4	59	49	0.09	
Kingstown ...	29.98	59	NNN	4	c	30.04	+ .03	53	50	- 2	NNN	5	b	4	61	49	0.15	
Holyhead ...	29.95	58	WSW	2	c	30.00	+ .04	58	52	0	NNN	5	b	4	61	52	0.08	
Liverpool (Bidston) ...	29.92	56	N	3	c	29.95	+ .03	56	57	+ 1	N	3	c	3	60	52	-	
Valencia ...	30.03	59	N	2	c	30.18	+ .06	58	53	+ 1	NN	3	b	3	63	52	0.05	
Roche's Point...	30.06	59	NNN	3	b	30.14	+ .06	55	52	+ 2	NNN	3	b	2	65	50	0.24	
Pembroke ...	30.00	59	N	4	b	30.06	+ .05	54	57	- 1	NN	4	b	2	60	53	0.02	
Portishead ...	29.96	59	WSW	4	c	29.99	+ .05	56	53	- 1	NNN	3	b	3	66	52	-	
Scilly ...																		
Plymouth ...	30.05	63	NNN	4	b	30.05	+ .07	61	57	0	NN	3	b	*	67	54	0.12	
Hurst Castle ...	29.95	65	NN	4	b	30.04	+ .13	62	57	+ 3	NN	2	b	3	66	57	0.01	
Dover ...	29.90	62	WSW	2	b	29.92	+ .12	64	56	+ 1	NNN	3	b	1	66	53	-	
London ...	29.91	63	NNN	2	c	29.95	+ .09	57	52	- 2	NN	2	c	*	70	47	-	
Oxford ...						29.96	+ .06	57	53	- 1	NNN	1	b	*	66	49	-	
Cambridge ...	29.89	61	NNN	1	c	29.92	+ .07	57	52	- 2	N	1	b	*	66	48	-	
Yarmouth ...	29.87	61	Z	0	b	29.86	+ .06	57	54	- 3	NNN	3	b	2	64	48	0.04	
The Helder ...						29.78	+ .07	57	54	- 6	S	1	o	*			0.12	
Cape Gris Nez ...	29.89	61	SW	1	o	29.92	+ .12	57	54	- 6	NNN	3	b	2	66	55	0.04	
Jersey ...	30.08	58	NN	4	c	30.06	+ .09	59	56	- 3	NN	5	c	3	64	56	0.03	
Brest ...	30.21	72	N	3	o	30.18	+ .09	59	57	- 2	NNN	3	b	3	?	55	-	
L'Orient ...	30.12	63	NNN	4	c	30.15	+ .12	61	57	0	NNN	5	c	4	72	54	-	
Rochefort ...	30.08	72	NN	5	o	30.15	+ .13	61	55	- 5	N	3	b	2	77	55	-	
Biarritz ...	30.17	73	NNN	4	c	30.15	+ .13	66	61	0	NNN	4	o	3	75	63	0.04	
Corunna ...						30.23		66			NE	6	c	4			*	
Brussels ...						29.87	+ .16	58		- 12	WSW	6	o	*			0.08	
Charleville ...						29.86	+ .15	57		- 16	WSW	6	o	*			*	
Paris ...	29.94	68	NN	5	c	30.01	+ .18	59		- 12	N	3	b	*			-	
Lyons ...						30.05	+ .03	73		- 1	N	6	o	*			*	
Toulon ...	29.98	66	N	4	m	29.89	- .18	72	63	- 3	NN	6	m	6	24	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.59	57	50	NW	6	b	3	Valencia	30.10	61	55	N	3	o	3
Thurso	29.77	55	57	WNW	4	c	4	Scilly							
Scarborough ...	29.86	57	52	NE	1	o	2	London	29.91	65	57	WNW	2	c	*
Greencastle ...	29.93	57	53	NW	2	o	*	Rochefort ...	30.06	66	59	NW	5	o	3
Holyhead	29.98	60	55	N	3	c	2								

Weather is dull or cloudy in most places, but is fairly clear in the SE. Wind is backing towards N. and pressure is giving way again in the W.

EXPLANATION OF COLUMNS.

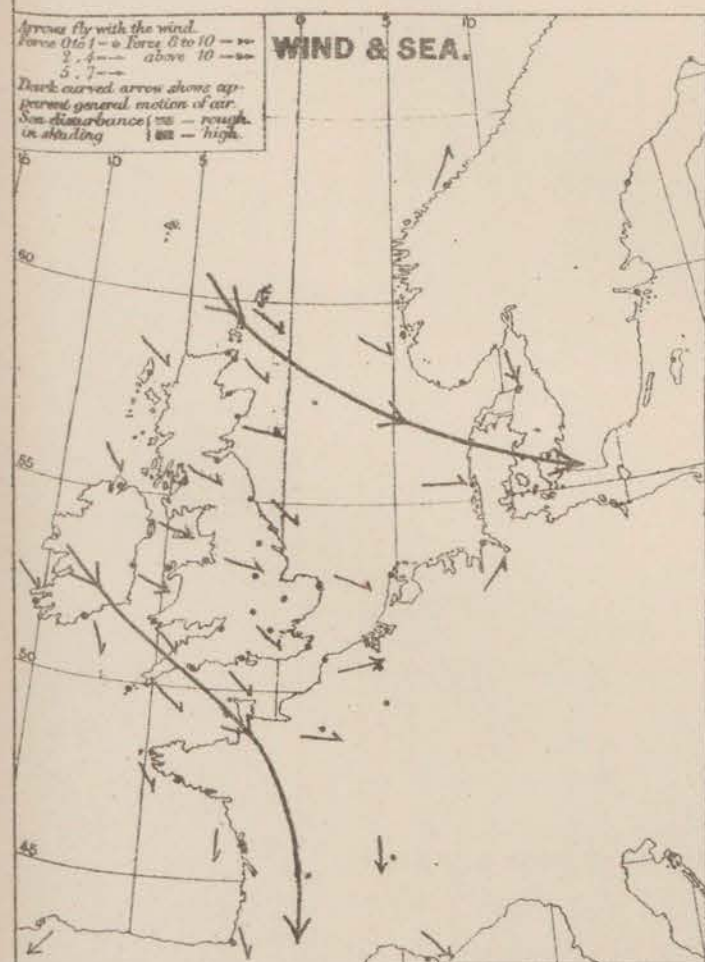
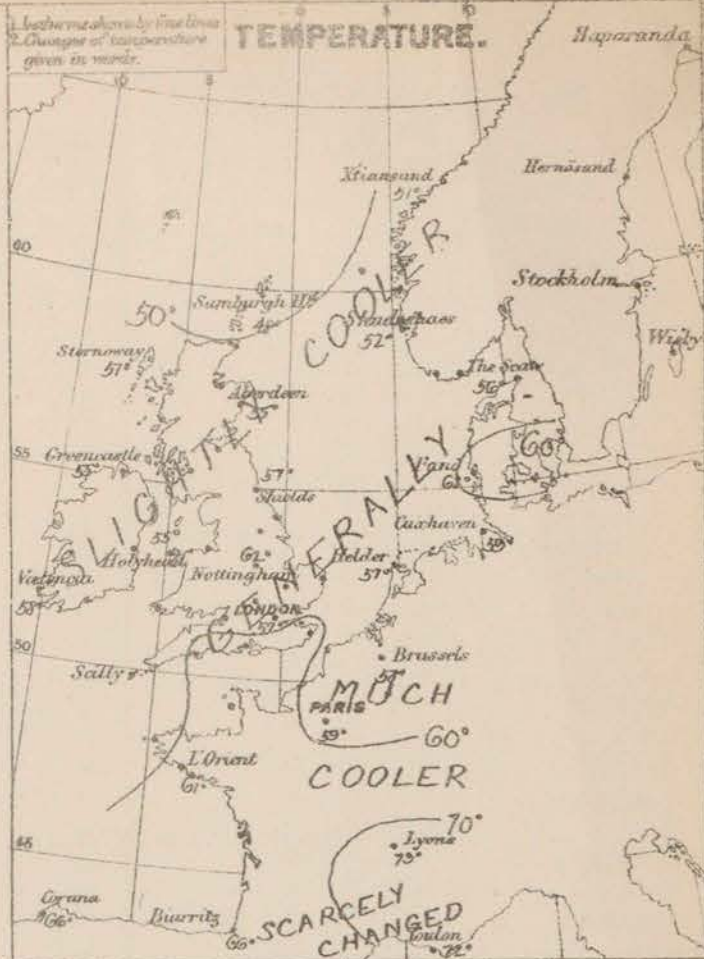
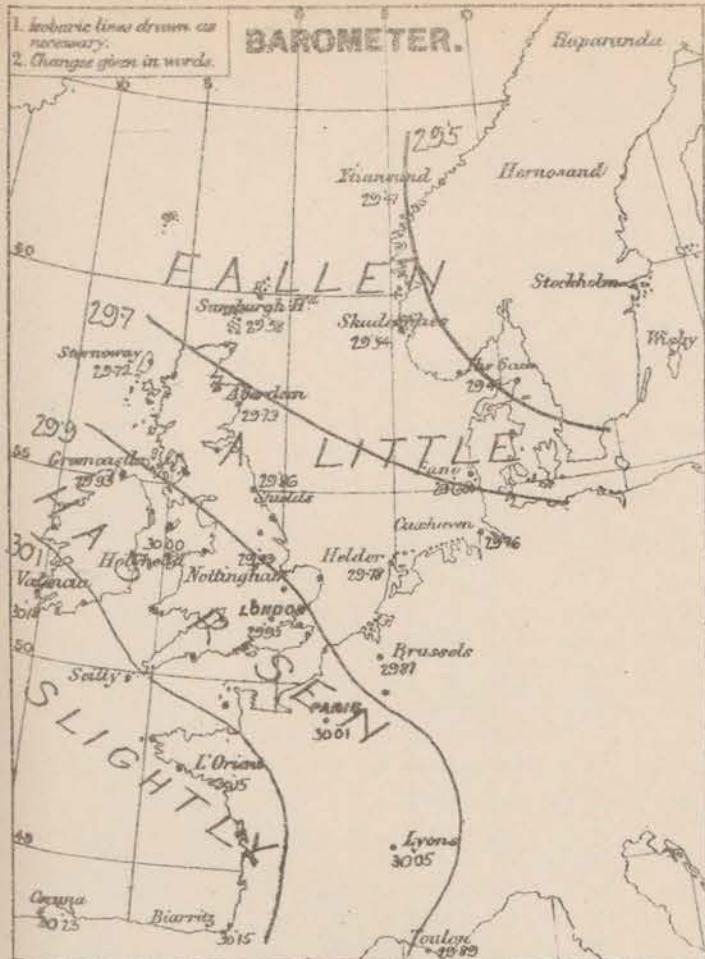
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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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 "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 Thursday 2nd AUGst 1877.



REMARKS. Weather is clear at many of our own and the French stations, and moderately so over the greater part of Western Europe but in the north of Holland and west of Norway rain is falling. Rain has fallen generally during the past 24 hours. Temperature is very similar to that reported yesterday except in the north of France where it is several degrees lower; it is below the average over these Islands; the maximum readings yesterday were 84° at Toulon and 77° at Rochefort but in London the thermometer only reached 70° and in other parts of these Islands it was still lower. Wind is W to NW over our coasts but veers into N over the south and west of France; though moderate or light generally, it blows freshly in some places. Sea is moderate in the north west, slight elsewhere.

Barometrical Indications

Pressure, after giving way generally yesterday, is now rising over the greater part of these Islands and France but in Holland and Scandinavia it still falls. The highest readings remain in the south west, and the lowest over London.

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

R. H. SCOTT,
Secretary.

DAILY WEATHER REPORT *August 3rd 1877.*

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 350 ft. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		THERM.			WIND.		Weather.	Sea. (0 to 9.)	THERM.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 350 ft. and Sea Level.	Difference from yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.28	48	SW	2	0	29.36	+ .15	50	49	- 1	W	2	0	*	*	*	0.24		
Hernösand ...	29.42	55	Z	0	0	29.49	+ .07	56	51	+ 2	W	2	0	*	*	*	-		
Stockholm ...	29.49	57	SSW	2	0	29.52	+ .07	59	55	- 1	W	1	0	*	*	*	-		
Wisby ...	29.56	59	W	7	0	29.58		57	52		W	8	0	*	*	*	0.04		
Christiansund ...	29.50	52	W	3	0	29.55	+ .05	55	51	+ 4	SE	1	0	1	55	45	-		
Skudesnaes ...	29.56	52	NNW	2	0	29.55	+ .01	57	51	+ 5	NNW	2	0	2	?	52	0.20		
Oxö (Klonsand) ...	29.56	56	W	4	0	29.50	- .03	52	49	- 3	W	4	0	3	61	48	-		
Skagen (The Sæw) ...	29.55	55	NN	6	0	29.54	+ .07	55	51	- 1	W	3	0	2	63	46	0.04		
Fano ...	29.67	54	SW	4	0	29.65	- .03	57	52	- 5	SW	4	0	*	63	52	0.08		
Cuxhaven ...	29.68	?	NN	3	0	29.75	- .01	57	56	- 2	W	5	0	*	*	62	0.35		
Sumburgh Head ...	29.63	50	N	5	0	29.68	+ .10	50	48	+ 2	N	5	0	3	54	44	0.06		
Stornoway ...	29.62	53	NN	4	0	29.75	+ .03	47	46	- 4	NN	2	0	5	55	45	0.24		
Thurso ...	29.74	50	NN	5	0	29.78	+ .11	48	45	- 2	NN	5	0	4	55	45	0.21		
Wick ...	29.76	54	NN	2	0	29.79	+ .10	48	46	- 3	NN	2	0	0	54	49	0.07		
Nairn ...	29.80	52	W	2	0	29.84	+ .12	48	46	- 3	Z	0	0	2	55	46	0.10		
Aberdeen ...	29.76	52	NNW	3	0	29.79	+ .06	50	46	- 5	NN	2	0	1	59	45	0.06		
Leith ...	29.79	58	NNW	4	0	29.85	+ .05	57	50	- 4	NNW	3	0	*	61	49	-		
Shields ...	29.83	59	NNW	5	0	29.87	+ .01	55	52	- 2	NNW	3	0	2	63	50	0.09		
Scarborough ...	29.87	58	W	3	0	29.87	+ .01	57	53	- 4	NNW	2	0	2	62	52	0.10		
York ...	29.91	58	W	5	0	29.91	+ .04	56	52	- 1	W	4	0	*	64	49	-		
Nottingham ...	29.98	59	NNW	6	0	29.98	+ .05	55	53	- 7	SW	3	0	*	69	40	0.01		
Ardrossan ...	29.89	55	NNW	5	0	29.91	+ .03	54	50	- 2	NNW	2	0	2	60	52	0.04		
Greencastle ...	29.97	52	NN	3	0	29.93	.00	55	52	- 1	NN	2	0	*	58	50	0.05		
Donaghadee ...	29.99	55	WNW	5	0	29.96	.00	55	52	+ 2	W	4	0	3	61	50	0.01		
Kingstown ...	30.06	55	NNW	5	0	30.03	- .01	57	55	+ 4	NNW	4	0	3	60	57	0.01		
Holyhead ...	30.03	60	W	4	0	30.01	+ .01	55	54	0	W	2	0	1	63	53	-		
Liverpool (Bidston) ...	29.98	56	W	2	0	29.96	+ .01	55	52	- 1	W	6	0	4	60	54	-		
Valencia ...	30.20	60	NNW	3	0	30.15	- .03	59	56	+ 1	NNW	2	0	3	63	54	0.02		
Roche's Point ...	30.16	60	NNW	4	0	30.12	- .02	59	55	+ 4	NN	3	0	3	63	57	-		
Pembroke ...	30.09	58	NNW	3	0	30.09	+ .03	56	54	+ 2	W	3	0	2	69	53	-		
Portishead ...	30.06	62	W	4	0	30.07	+ .08	57	55	+ 1	W	3	0	3	66	57	-		
Scilly ...																			
Plymouth ...	30.12	61	NN	4	0	30.14	+ .09	59	55	- 2	NN	2	0	*	67	48	-		
Hurst Castle ...	30.08	65	NN	4	0	30.09	+ .05	59	55	- 3	NN	4	0	3	65	50	0.01		
Dover ...	29.98	62	NNW	3	0	30.03	+ .11	59	53	- 5	NNW	3	0	1	67	52	-		
London ...	29.99	65	NNW	2	0	30.03	+ .08	56	52	- 1	W	3	0	*	67	46	-		
Oxford ...	*	*	*	*	*	30.03	+ .07	57	57	0	W	1	0	*	64	48	0.01		
Cambridge ...	29.95	60	W	2	0	30.00	+ .08	55	52	- 2	W	1	0	*	66	48	-		
Yarmouth ...	29.91	60	Z	0	0	29.93	+ .07	57	55	0	NNW	4	0	2	63	50	0.09		
The Helder ...	*	*	*	*	*	29.84	+ .06	56	55	- 1	NNW	3	0	*	*	*	0.28		
Cape Gris Nez ...	29.97	61	W	3	0	30.05	+ .13	57	54	0	NN	3	0	3	66	54	-		
Jersey ...	30.18	60	NN	5	0	30.18	+ .12	60	54	+ 2	NN	4	0	3	63	53	-		
Brest ...	30.26	70	N	3	0	30.28	+ .10	59	55	0	NNW	2	0	2	?	54	-		
L'Orient ...	30.16	63	N	5	0	30.23	+ .08	57	55	- 4	N	3	0	3	72	52	-		
Rochefort ...	30.13	68	NN	5	0	30.17	+ .02	61	55	0	NNE	4	0	3	73	55	-		
Biarritz ...	30.18	72	NNW	3	0	30.17	+ .02	64	57	- 2	SW	1	0	3	?	57	-		
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	29.99	+ .12	55	*	- 3	SW	3	0	*	*	*	0.06		
Charleville ...	*	*	*	*	*	? 30.00	+ .14	53	*	- 4	SW	1	0	*	*	*	*		
Paris ...	30.02	62	NNW	3	0	30.10	+ .09	58	*	- 1	NN	3	0	*	*	*	0.04		
Lyons ...	*	*	*	*	*	30.12	+ .07	66	*	- 7	N	4	0	*	*	*	*		
Toulon ...	29.86	73	NN	6	0	29.87	- .01	61	54	- 11	NN	6	0	6	75	?	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.57	52	57	NNW	4	P	4	Valencia ...	30.21	61	55	NNW	3	3
Thurso	29.72	53	49	NW	5	0	4	Scilly						
Scarborough ...	29.86	60	55	NW	3	0	3	London	29.96	64	55	NW	2	0
Greencastle ...	29.95	56	52	NW	3	0	*	Rochefort ...	30.14	69	61	NW	4	3
Holyhead	30.04	60	55	W	4	0	3							

Weather is fine in Wales, more or less cloudy elsewhere. Winds is backing towards W. in the W. and the barometer has ceased rising at Valencia.

EXPLANATION OF COLUMNS.

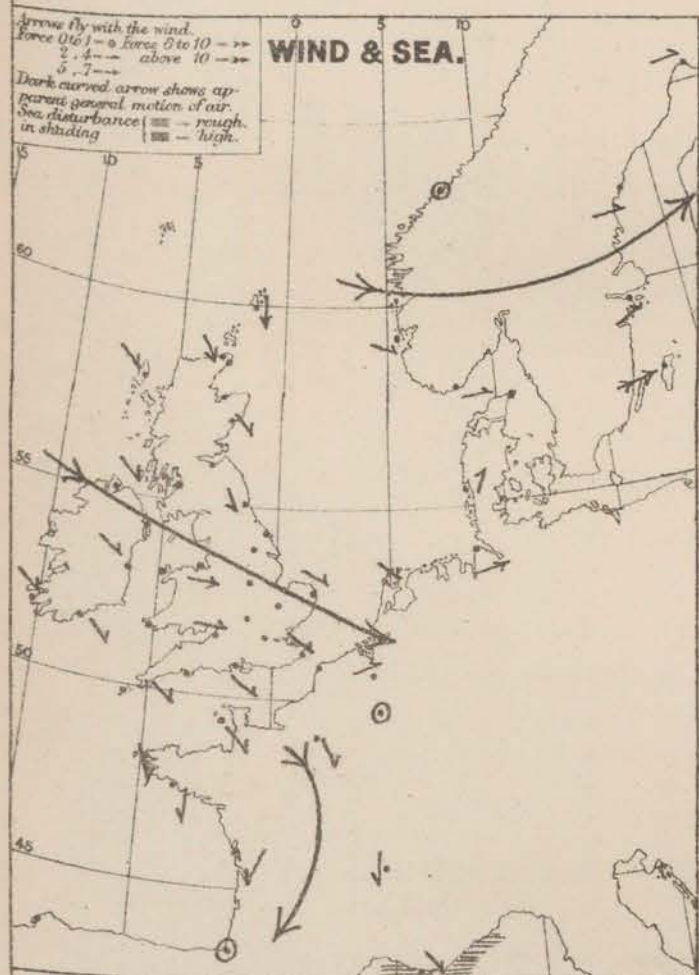
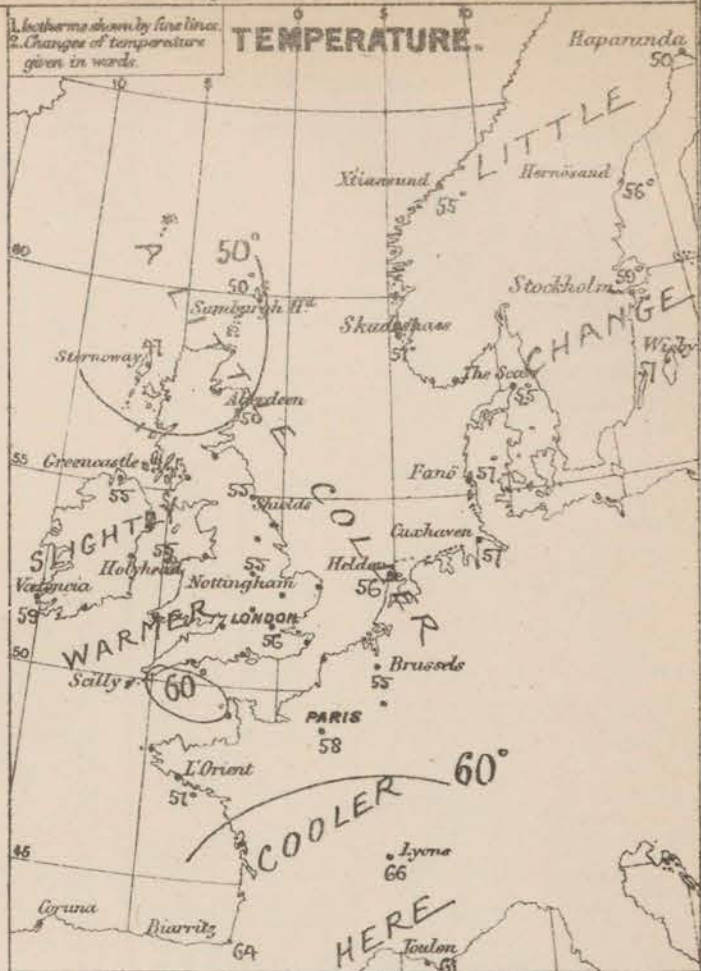
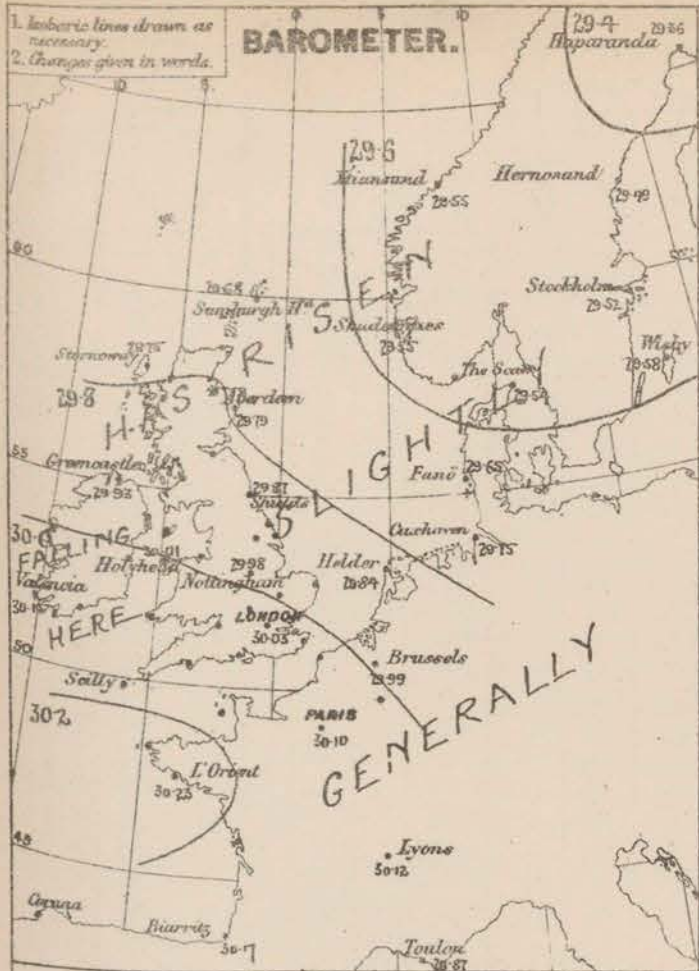
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Fri-day AUG. 3RD 1877.



REMARKS. Weather is fine at all the S^t stations, very cloudy in the N. and W. with rain in the N^e parts of Scotland. Rain fell yesterday on all our N. and NW. coasts, and in Holland, the amount varying from, 2 inches traversed Ireland, to about a quarter of an inch at Stromness, and three tenths of an inch in the Netherlands. Temperature has fallen except in the SW. and is low, 48° to 50° in Scotland, 55° to 56° over England, and about 60° on our extreme SW. coasts. Wind is moderate, - W^s in the SW. and NW^s on our N. and E. coasts. In N. Germany it is SW^s. Sea is very little disturbed anywhere.

Barometrical Indications.

The readings of the barometer are still highest over the Bay of Biscay, lowest in the N. of Sweden, and a small subsidiary depression lies over the E. of Norway. The barometer has now begun to fall a little on our Wst and Nth coasts, and this change is extending to other parts of the country.

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 August 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 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 ...	29.50	54	SW	2	0	29.55	+ .19	58	54	+ 8	SW	4	c	*	*	*	-	
Hernösand ...	29.52	53	Z	0	c	29.59	+ .10	56	52	0	ESE	2	c	*	*	*	-	
Stockholm ...	29.55	54	Z	0	c	29.58	+ .06	61	55	+ 2	Z	0	bc	*	*	*	-	
Wisby ...	29.62	55	SW	1	bc	29.58	00	56	53	- 1	SSW	4	c	*	*	*	-	
Christiansund ...	29.67	53	NNW	3	c	29.69	+ .14	57	48	- 4	NW	1	0	4	57	43	0.14	
Skudesnaes ...	29.57	55	NW	6	c	29.70	+ .15	59	53	+ 2	NNW	8	c	3	?	55	-	
Oxö (Tiansand) ...	29.50	57	N	4	c	29.63	+ .13	56	57	+ 4	N	4	c	2	57	50	-	
Skagen (The Scaw) ...	29.53	55	N	2	2	29.62	+ .08	60	53	+ 5	ESE	2	c	1	66	43	-	
Fanö ...	29.65	50	SW	5	c	29.62	- .03	58	54	+ 1	NW	6	bc	*	63	46	0.55	
Cuxhaven ...	29.72	?	W	5	c	29.70	- .05	58	56	+ 1	NW	6	c	*	*	50	0.28	
Sumburgh Head ...	29.78	50	N	5	c	29.90	+ .22	57	49	+ 1	NE	3	0	2	55	46	0.08	
Stornoway ...	29.94	53	NNW	3	bc	29.99	+ .24	53	49	+ 6	NNW	1	bc	2	54	40	0.01	
Thurso ...	29.89	57	NNW	4	c	29.95	+ .17	56	57	+ 8	NNW	2	c	3	57	45	0.02	
Wick ...	29.91	50	N	3	bc	29.95	+ .10	54	49	+ 6	NNW	2	c	0	57	39	0.04	
Nairn ...	29.91	52	NW	1	0	29.98	+ .14	49	45	+ 1	Z	0	c	2	56	43	0.15	
Aberdeen ...	29.85	52	NNW	3	c	29.95	+ .10	52	47	+ 2	NNW	2	c	1	56	43	0.06	
Leith ...	29.88	53	E	3	bc	30.00	+ .15	49	46	- 2	W	2	bc	*	64	42	0.08	
Shields ...	29.91	50	Z	0	c	30.03	+ .16	53	50	- 2	Z	0	cm	2	60	45	0.17	
Scarborough ...	29.87	57	NNW	3	0	30.02	+ .15	54	50	- 3	NNW	2	c	3	58	47	0.07	
York ...	29.90	58	W	4	c	30.03	+ .12	52	48	- 4	NNW	2	c	*	60	43	0.06	
Nottingham ...	29.96	55	NNW	2	c	30.05	+ .07	56	57	+ 1	NNE	1	c	*	70	57	0.01	
Ardrossan ...	29.92	58	NNW	5	bc	30.00	+ .09	54	49	0	SE	1	cm	0	61	54	0.01	
Greencastle ...	29.98	54	N	2	0	29.98	+ .05	54	57	- 1	SSE	1	0	*	58	46	0.08	
Donaghadee ...	29.98	56	NNW	4	0	30.03	+ .07	55	52	0	WSW	3	f	2	60	49	-	
Kingstown ...	30.03	58	NNW	3	0	30.03	00	58	56	+ 1	SE	1	cm	1	61	55	0.03	
Holyhead ...	30.00	55	NNW	2	0	30.03	+ .02	55	54	0	WSW	1	m	0	57	53	0.08	
Liverpool (Bidston) ...	29.97	53	W	4	0	30.04	+ .08	56	52	+ 1	NNW	1	c	1	59	52	0.13	
Valencia ...	30.09	61	WSW	2	bc	30.01	- .14	60	58	+ 1	SSE	4	c	5	64	55	-	
Roche's Point...	30.09	63	NNW	2	bc	30.05	- .07	59	56	0	SE	1	bc	1	68	52	-	
Pembroke ...	30.05	59	W	4	c	30.05	- .04	60	58	+ 4	Z	0	c	1	61	55	-	
Portishead ...	30.01	61	WSW	4	0	30.04	- .03	60	57	+ 3	W	2	c	2	65	57	-	
Seilly ...	30.09	63	NW	3	bc	30.08	+ .06	59	57	0	NW	1	bc	*	69	50	-	
Plymouth ...	30.07	64	W	5	c	30.11	+ .02	62	59	+ 3	W	1	0	1	65	53	-	
Hurst Castle ...	29.96	64	W	3	c	30.04	+ .01	61	55	+ 2	NW	3	bc	2	67	54	0.02	
Dover ...	29.97	62	NNW	3	0	30.05	+ .02	56	54	0	NNW	1	c	*	68	57	0.06	
London ...	29.97	62	NNW	3	0	30.05	+ .02	57	53	0	Z	0	m	*	68	52	0.03	
Oxford ...	29.96	56	SW	1	c	30.03	+ .03	56	53	+ 1	NW	1	c	*	65	49	0.10	
Cambridge ...	29.91	55	NNW	1	c	30.01	+ .08	55	52	- 2	NW	2	bc	2	61	47	0.10	
Yarmouth ...	29.91	55	NNW	1	c	30.01	+ .08	55	52	- 2	NW	2	bc	2	61	47	0.10	
The Helder...	29.90	57	SW	4	c	29.90	+ .06	57	54	+ 1	NNW	2	c	*	*	*	0.24	
Cape Gris Nez ...	29.98	64	WSW	6	c	30.04	- .01	57	54	0	NNW	3	c	2	66	54	0.02	
Jersey ...	30.15	60	NNW	4	c	30.11	- .07	62	58	+ 2	NW	1	c	1	63	53	-	
Brest ...	30.23	?	NNW	2	c	30.17	- .11	57	55	- 2	ESE	1	m	2	66	52	-	
L'Orient ...	30.15	61	NW	3	bc	30.12	- .11	55	54	- 2	ENE	3	c	2	68	50	-	
Rochefort ...	30.12	70	NW	4	c	30.08	- .09	63	59	+ 2	E	4	c	3	70	55	-	
Biarritz ...	30.06	72	N	4	c	29.99	- .18	61	57	- 3	ENE	4	0	3	?	54	-	
Corunna ...	29.97	56	NNW	3	c	29.97	- .02	56	54	+ 1	W	3	c	*	*	*	0.45	
Brussels ...	29.95	55	NNW	3	c	29.95	- .05	55	53	+ 2	WSW	3	0	*	*	*	-	
Charleville ...	30.06	65	NNW	3	bc	30.06	- .04	59	57	- 1	NW	3	0	*	*	*	-	
Paris ...	30.06	65	NNW	3	bc	30.06	- .04	59	57	- 1	NW	3	0	*	*	*	-	
Lyons ...	29.98	72	NW	6	c	29.93	+ .06	72	57	+ 11	NNE	1	c	3	79	63	-	
Toulon ...	29.98	72	NW	6	c	29.93	+ .06	72	57	+ 11	NNE	1	c	3	79	63	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.56	57	57	NNW	6	c	3	Valencia	30.14	62	58	WSW	3	c	4
Thurso	29.85	53	48	NW	3	c	4	Seilly							
Scarborough ...	29.89	54	50	NNW	2	0	2	London	30.00	64	56	NNW	2	0	*
Greencastle ...	29.96	56	53	NW	2	0	*	Rochefort ...	30.17	68	59	NNW	3	c	3
Holyhead	30.00	62	58	WSW	3	c	4								

The barometer has risen in the N. and fallen in the S. since 8 a.m., but hardly any other change is noted.

EXPLANATION OF COLUMNS.

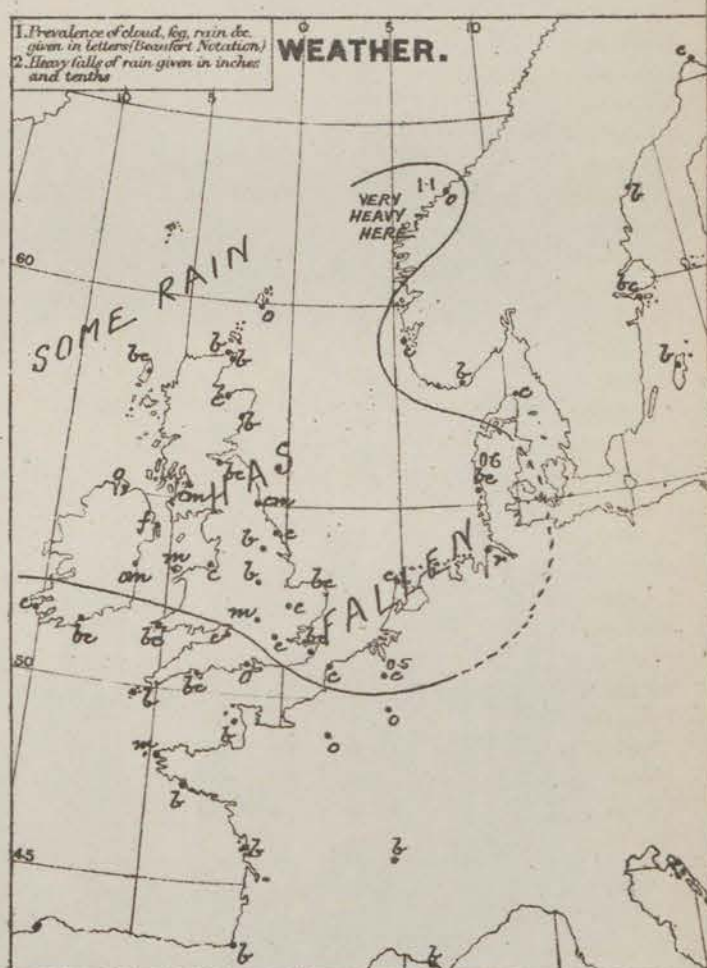
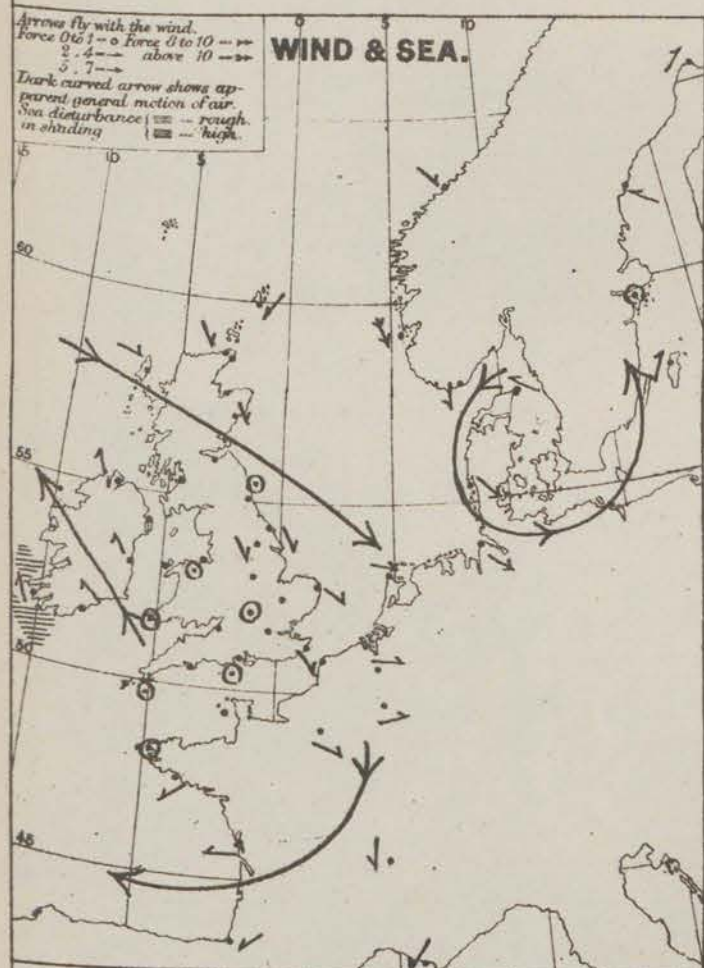
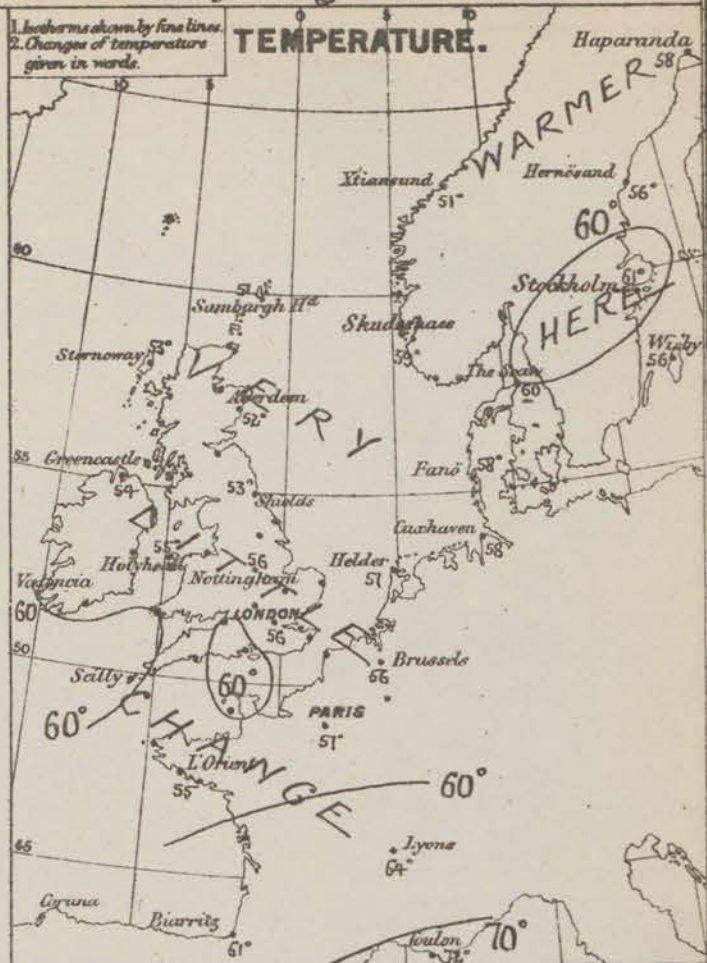
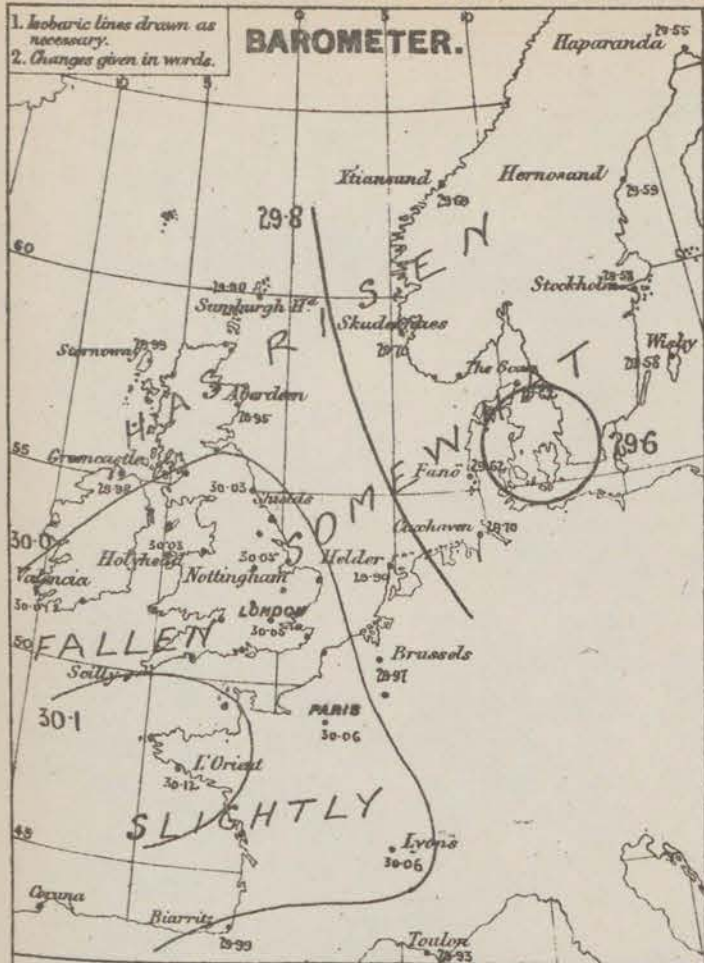
WEATHER.—Beaufort scale is, b. blue sky; a. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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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 Saturday Aug 4TH 1877.



REMARKS. Weather is at present fine over nearly the whole of W^o Europe, but is rather cloudy and misty in Ireland. Rain fell yesterday at all but our SW stations, and still falls at Loughswilly. The amount was small except in the extreme SE, where it varied from a quarter to half an inch. Lightning occurred at Yarmouth. Temperature is still low; 49° at Rain and Leith, 56° over Central England, not about 60° over the SW countries. At Lough it is 72°. In London it varies from 56° to 61°. It has again been low in the night, especially in Scotland. Winds is now light from SE in Ireland, from NW in Scotland, and the E. of England. In Denmark, and the S. of Norway it is strong from the NW. Sea is smooth in our E^o and S^o coasts, as well as the Irish Channel, but rather rough off the W. of Ireland.

Diagnosical Indications.

Readings at present vary from 30.17 in. at Trondheim to 29.6 in. over Denmark, and 29.93 in. at Limerick. The small depression which lay over the S. of Norway yesterday evening has now reached the Sound, and the barometer has risen at the N^o and E^o stations. In Iceland, however, and at the mouth of the Channel, it is falling slowly.

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.

Langerfeldt Luth 22 Bedford St, Covent Garden

SUMMARY OF WEATHER IN WESTERN EUROPE

from 29th JULY to 4th AUGUST 1877.

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

During the greater part of this week pressure has been highest over the Bay of Biscay and lowest to the N^W or N^E of the British Isles. On Sunday, Monday, and Tuesday hot weather prevailed over England, but early on Wednesday morning a change took place and cold N^W winds prevailed for several days. Towards the close of the week a S^E wind began to show itself in the West of Ireland; but Saturday evening it had spread to Wales and the S^W of England and blew a fresh breeze at Valentia.

JULY 29th The relative distribution of pressure was little changed, readings varying from 30.4 inches off the Mouth of the Channel to about 29.66 ins in the Shetlands and N. of Norway. N^W winds were general in our Islands, blowing a fresh to strong breeze in the N, and a light breeze in the S. S^E breezes were felt in the S of Norway, while N^W to E^W winds were felt in the Bay of Biscay. Temperature rose suddenly and became high in the daytime, 82° being recorded in London and 83° at Nottingham. Some rain fell in the N.

JULY 30th The N^W winds had lulled considerably in the N. and with a slight fall of the barometer a S^E breeze appeared at Valentia. Temperature was lower at 8 a.m. than on the previous morning, but rose rapidly as the day advanced, reaching 83° in London, and 84° at Nottingham. Fine weather was general with haze and fog in the S; but in the extreme N. of Scotland rain again fell during the day. The S^E breeze subsequently spread to all our N^W stations.

JULY 31st Pressure had continued to give way in the N. and was now highest over France. Light S^E to N^W breezes prevailed in most places but very variable winds in Scotland. In France and the S of England temperature was very high, the weather being very fine in the morning, though cloudy and showery later on except in the S^E. The maximum in London was 86°. By 6 P.M. a shallow secondary depression had come over England from the N^W and the wind had shifted to the N^W on our N^W coasts with a fall of temperature.

AUGUST 1st The N^W and N^W wind just referred to had spread all over the country during the night. The barometer had fallen in the E. but was rising in the N. and the highest readings were again found over the Bay of Biscay and S^W of Ireland.

Temperature had fallen fast, and was very low; cloudy weather was very prevalent with showers in many places.

AUGUST 2nd The rise of the barometer in the S.W. was gradually spreading N.W. and E.W. but N.W. breezes still blew over the whole country. The night had been very cold, 45° in the shade having been registered at Nottingham, 46° at York, and 47° in London. The day also was 16° colder than the 1st. The weather was still fine (but cloudy) except in the extreme N. and S.E. where rain fell at night, and continued till the following day.

AUGUST 3rd The barometer had risen on all our N.W. E.W. and S.W. coasts, but had begun to fall in Ireland. A small depression appeared over the S. of Norway. Fine weather continued in the W. and S. but in the N. of Scotland and the Netherlands rain still fell. The wind remained N.W. at our more N.E. stations, while it backed to W. in the S.W. In the Bay of Biscay it was N. Later in the day the Norwegian depression moved slowly to the S.S.E. and cold rain fell in the East of England.

AUGUST 4th Pressure was still highest at the mouth of the Channel, but was now giving way in Ireland generally. Strong N.W. winds or slight gales from that quarter were felt on the Eastern shores of the North Sea, and light N.W. breezes on our E.W. coasts, but a light S.W. wind was felt in Ireland which was gradually extending to the E.W. Fine weather prevailed in our Islands but rain still fell in N. Germany.

DAILY WEATHER REPORT August 5th 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 12).		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 12).			Max.	Min.		
Haparanda ...	29.63	54	Z	0	b	29.64	+ .09	58	52	0	S	2	b	*	*	*	-	
Hernösand ...	29.63	53	Z	0	c	29.73	+ .14	54	51	- 2	N	2	b	*	*	*	-	
Stockholm ...	29.62	55	Z	0	b	29.67	+ .09	60	56	- 1	Z	0	b	*	*	*	0.04	
Wisby ...	29.63	55	E	2	c	29.57	+ .09	58	55	+ 2	NN	4	c	*	*	*	0.16	
Christiansund ...	29.76	51	WSW	3	o	29.78	+ .09	57	50	0	SW	3	r	1	52	43	?	
Skudesnaes ...	29.81	53	NN	6	b	29.84	+ .19	53	50	- 6	NNN	5	o	2	59	?	-	
Oxö (Xtiansund) ...	29.75	60	V	14	b	29.77	+ .14	54	48	- 2	NN	4	b	2	63	52	-	
Skagen (The Saaw) ...	29.72	54	WNW	2	b	29.7	+ .09	60	55	0	WNW	2	b	2	70	50	-	
Fanö ...	29.25	50	WNW	6	c	29.94	+ .32	57	52	- 1	WNW	6	c	*	63	54	0.04	
Cuxhaven ...	29.88	54	NNW	6	o	30.01	+ .31	62	57	+ 4	NNN	5	c	*	55	55	0.03	
Sumburgh Head ...	29.90	57	SSW	1	c	30.02	+ .12	49	45	- 2	NE	3	o	1	56	44	-	
Stornoway ...	30.00	53	SSW	1	c	29.97	- .02	53	52	0	SE	1	o	1	57	45	-	
Thurso ...	29.99	53	N	2	b	30.02	+ .07	55	50	- 1	Z	0	c	2	60	44	-	
Wick ...	30.04	53	SW	1	b	30.04	+ .09	54	50	0	E	1	b	0	60	41	-	
Nairn ...	30.00	57	Z	0	b	30.00	+ .03	57	48	+ 2	Z	0	c	0	61	46	-	
Aberdeen ...	29.98	56	S	1	b	30.02	+ .07	55	57	+ 3	S	1	b	0	60	46	-	
Leith ...	29.97	57	E	3	b	30.04	+ .01	53	52	+ 4	N	1	r	*	65	47	0.04	
Shields ...	30.01	55	SSE	3	b	30.06	+ .03	55	54	+ 2	Z	0	rf	2	57	50	?	
Scarborough ...	30.05	54	SSE	2	b	30.06	+ .04	57	54	+ 3	WSW	1	rf	1	58	47	-	
York ...	30.06	58	SW	2	c	30.07	+ .04	60	57	+ 3	S	1	b	0	63	49	0.03	
Nottingham ...	30.06	63	WNW	1	o	30.07	+ .02	67	60	+ 11	SSE	3	b	*	74	51	-	
Ardrossan ...	30.00	57	SW	2	o	29.99	- .01	57	55	+ 3	NW	2	r	1	61	54	0.07	
Greencastle ...	29.98	58	E	1	o	29.93	- .05	58	56	+ 4	SE	1	o	*	62	51	0.02	
Donaghadee ...	30.02	55	SSE	3	r	29.99	- .04	57	57	+ 2	SE	3	o	2	57	53	0.02	
Kingstown ...	30.02	61	SSE	3	o	30.04	- .02	59	57	+ 1	SE	3	o	3	64	55	-	
Holyhead ...	30.03	60	SW	2	o	30.03	00	59	57	+ 4	SSW	2	c	1	64	55	0.01	
Liverpool (Bidston) ...	30.05	60	Z	0	o	30.05	+ .01	59	57	+ 3	SE	1	b	1	60	53	0.02	
Valencia ...	29.96	60	SSE	5	b	29.98	- .13	61	59	+ 1	SSE	5	b	5	63	57	-	
Roche's Point ...	30.01	66	S	2	b	29.96	- .09	61	58	+ 2	SSE	3	b	3	70	56	-	
Pembroke ...	30.06	65	NN	1	b	30.03	- .02	60	57	0	SE	3	b	2	67	55	0.01	
Portishead ...	30.06	65	WSW	1	b	30.06	+ .02	59	57	- 1	Z	0	SW	2	69	57	-	
Scilly ...	30.08	63	W	1	b	30.06	- .02	61	58	+ 2	E	2	b	*	68	49	-	
Plymouth ...	30.07	65	SW	3	b	30.09	- .02	64	60	+ 2	SSE	1	b	1	65	57	-	
Dover ...	30.08	61	SW	2	b	30.11	+ .07	66	60	+ 5	SW	3	b	2	66	60	-	
London ...	30.06	65	NNN	1	o	30.09	+ .05	61	57	+ 5	WSW	1	b	*	71	52	-	
Oxford ...	30.07	65	NNN	1	o	30.07	+ .02	62	57	+ 5	Z	0	b	*	69	50	-	
Cambridge ...	30.05	64	Z	0	o	30.09	+ .06	62	58	+ 6	NN	1	b	*	68	57	-	
Yarmouth ...	30.07	58	NNE	1	b	30.07	+ .06	60	58	+ 5	N	1	b	2	51	54	-	
The Helder ...	30.09	61	NE	1	m	30.10	+ .20	59	53	+ 2	N	1	b	*	68	54	-	
Cape Gris Nez ...	30.12	61	NE	1	m	30.12	+ .08	61	54	+ 4	SSW	2	b	1	68	54	-	
Jersey ...	?	65	NE	1	b	?	?	65	60	+ 3	NE	1	b	1	68	54	-	
Brest ...	30.14	70	NNN	2	b	30.08	+ .09	61	57	+ 4	SE	3	b	2	?	54	-	
L'Orient ...	30.08	66	NN	6	c	30.08	- .04	63	59	+ 3	ESE	3	b	3	72	54	-	
Rochefort ...	29.99	73	E	3	b	30.03	- .05	68	63	+ 5	E	3	b	3	81	52	-	
Biarritz ...	29.91	75	ENE	3	c	29.99	00	68	64	+ 7	Z	0	b	3	79	59	-	
Corunna ...	30.01	67	SW	1	c	30.01	00	67	60	+ 7	SW	1	c	1	68	59	-	
Brussels ...	30.14	67	SW	1	c	30.14	+ .17	55	50	- 1	NN	3	o	2	60	50	-	
Charleville ...	30.13	67	SW	1	c	30.13	+ .13	57	50	+ 2	SW	1	b	2	60	50	-	
Paris ...	30.05	67	N	3	b	30.13	+ .07	57	50	+ 2	NNE	1	b	2	60	50	-	
Lyons ...	30.05	67	N	3	b	30.13	+ .07	57	50	+ 2	NNE	1	b	2	60	50	-	
Toulon ...	30.30	66	WNW	4	c	30.04	+ .08	64	61	- 8	E	4	c	3	82	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.78	57	53	NW	8	c	4	Valencia ...	29.99	62	57	SSE	5	o	5
Thurso	29.99	57	52	N	4	b	3	Scilly							
Scarborough ...	30.05	56	51	NE	2	c	2	London	30.06	66	58	NNW	2	o	*
Greencastle ...	29.99	60	57	SE	1	o	*	Rochefort ...	30.04	61	66	E	3	b	3
Holyhead	30.04	63	60	SW	3	a	2								

Very little change has occurred since the morning. The barometer has risen except at Valencia, where, however, it has ceased falling since noon, and the wind continues SSE. In London the thermometer has risen briskly, but the sky remains cloudy.

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.

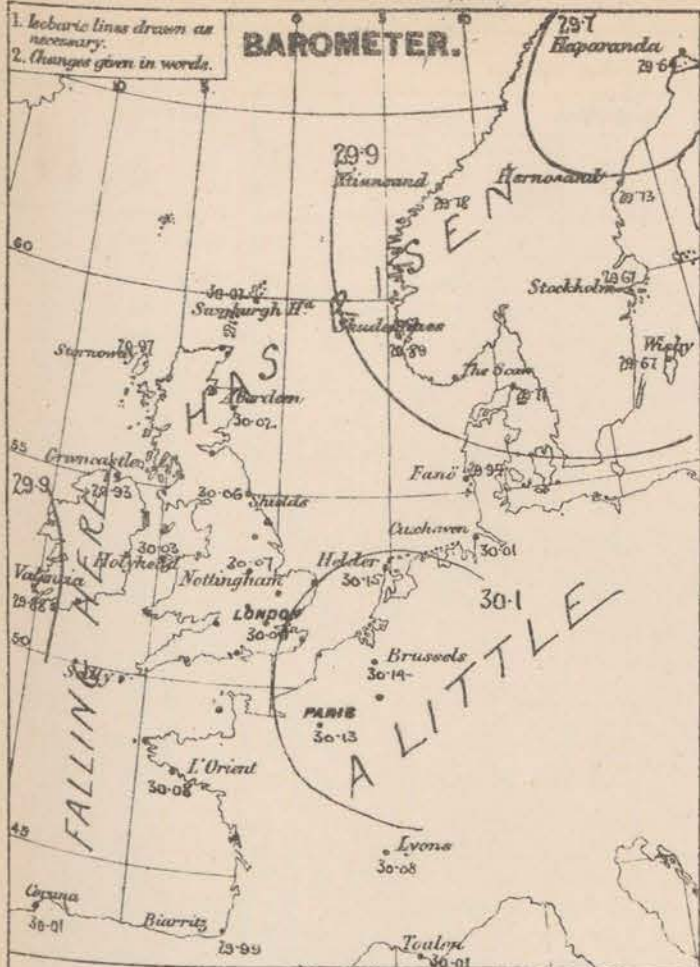
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 August 5th 1877.

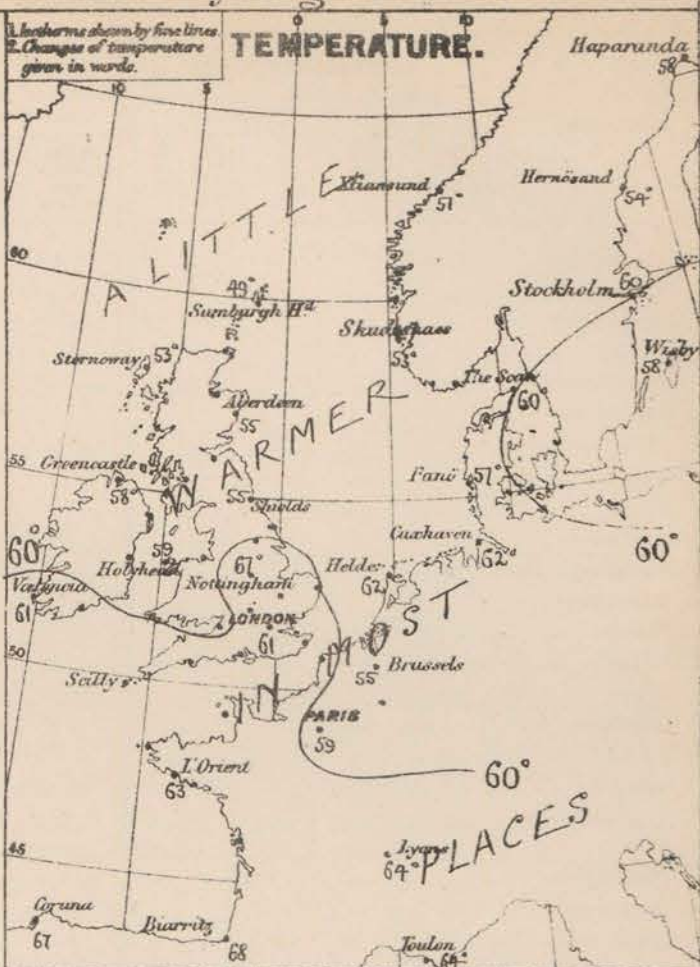
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



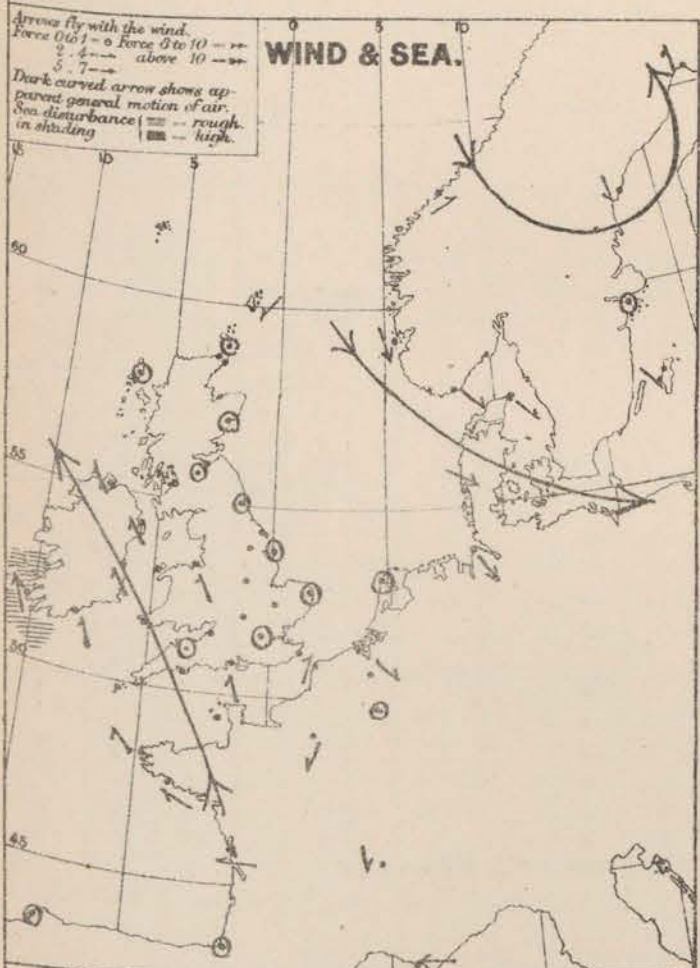
1. Isotherms shown by fine lines
2. Changes of temperature given in words.

TEMPERATURE.



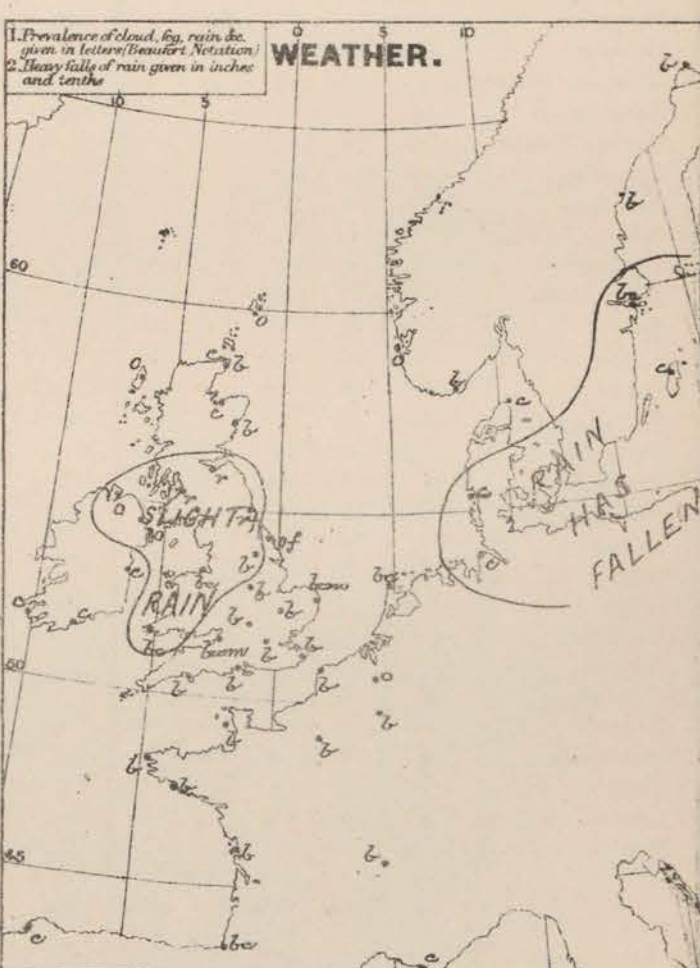
1. Arrows fly with the wind. Force 0 to 10 — 11 — 12 — 13 — 14 — 15 — 16 — 17 — 18 — 19 — 20 — 21 — 22 — 23 — 24 — 25 — 26 — 27 — 28 — 29 — 30 — 31 — 32 — 33 — 34 — 35 — 36 — 37 — 38 — 39 — 40 — 41 — 42 — 43 — 44 — 45 — 46 — 47 — 48 — 49 — 50 — 51 — 52 — 53 — 54 — 55 — 56 — 57 — 58 — 59 — 60 — 61 — 62 — 63 — 64 — 65 — 66 — 67 — 68 — 69 — 70 — 71 — 72 — 73 — 74 — 75 — 76 — 77 — 78 — 79 — 80 — 81 — 82 — 83 — 84 — 85 — 86 — 87 — 88 — 89 — 90 — 91 — 92 — 93 — 94 — 95 — 96 — 97 — 98 — 99 — 100 — 101 — 102 — 103 — 104 — 105 — 106 — 107 — 108 — 109 — 110 — 111 — 112 — 113 — 114 — 115 — 116 — 117 — 118 — 119 — 120 — 121 — 122 — 123 — 124 — 125 — 126 — 127 — 128 — 129 — 130 — 131 — 132 — 133 — 134 — 135 — 136 — 137 — 138 — 139 — 140 — 141 — 142 — 143 — 144 — 145 — 146 — 147 — 148 — 149 — 150 — 151 — 152 — 153 — 154 — 155 — 156 — 157 — 158 — 159 — 160 — 161 — 162 — 163 — 164 — 165 — 166 — 167 — 168 — 169 — 170 — 171 — 172 — 173 — 174 — 175 — 176 — 177 — 178 — 179 — 180 — 181 — 182 — 183 — 184 — 185 — 186 — 187 — 188 — 189 — 190 — 191 — 192 — 193 — 194 — 195 — 196 — 197 — 198 — 199 — 200 — 201 — 202 — 203 — 204 — 205 — 206 — 207 — 208 — 209 — 210 — 211 — 212 — 213 — 214 — 215 — 216 — 217 — 218 — 219 — 220 — 221 — 222 — 223 — 224 — 225 — 226 — 227 — 228 — 229 — 230 — 231 — 232 — 233 — 234 — 235 — 236 — 237 — 238 — 239 — 240 — 241 — 242 — 243 — 244 — 245 — 246 — 247 — 248 — 249 — 250 — 251 — 252 — 253 — 254 — 255 — 256 — 257 — 258 — 259 — 260 — 261 — 262 — 263 — 264 — 265 — 266 — 267 — 268 — 269 — 270 — 271 — 272 — 273 — 274 — 275 — 276 — 277 — 278 — 279 — 280 — 281 — 282 — 283 — 284 — 285 — 286 — 287 — 288 — 289 — 290 — 291 — 292 — 293 — 294 — 295 — 296 — 297 — 298 — 299 — 300 — 301 — 302 — 303 — 304 — 305 — 306 — 307 — 308 — 309 — 310 — 311 — 312 — 313 — 314 — 315 — 316 — 317 — 318 — 319 — 320 — 321 — 322 — 323 — 324 — 325 — 326 — 327 — 328 — 329 — 330 — 331 — 332 — 333 — 334 — 335 — 336 — 337 — 338 — 339 — 340 — 341 — 342 — 343 — 344 — 345 — 346 — 347 — 348 — 349 — 350 — 351 — 352 — 353 — 354 — 355 — 356 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— 690 — 691 — 692 — 693 — 694 — 695 — 696 — 697 — 698 — 699 — 700 — 701 — 702 — 703 — 704 — 705 — 706 — 707 — 708 — 709 — 710 — 711 — 712 — 713 — 714 — 715 — 716 — 717 — 718 — 719 — 720 — 721 — 722 — 723 — 724 — 725 — 726 — 727 — 728 — 729 — 730 — 731 — 732 — 733 — 734 — 735 — 736 — 737 — 738 — 739 — 740 — 741 — 742 — 743 — 744 — 745 — 746 — 747 — 748 — 749 — 750 — 751 — 752 — 753 — 754 — 755 — 756 — 757 — 758 — 759 — 760 — 761 — 762 — 763 — 764 — 765 — 766 — 767 — 768 — 769 — 770 — 771 — 772 — 773 — 774 — 775 — 776 — 777 — 778 — 779 — 780 — 781 — 782 — 783 — 784 — 785 — 786 — 787 — 788 — 789 — 790 — 791 — 792 — 793 — 794 — 795 — 796 — 797 — 798 — 799 — 800 — 801 — 802 — 803 — 804 — 805 — 806 — 807 — 808 — 809 — 810 — 811 — 812 — 813 — 814 — 815 — 816 — 817 — 818 — 819 — 820 — 821 — 822 — 823 — 824 — 825 — 826 — 827 — 828 — 829 — 830 — 831 — 832 — 833 — 834 — 835 — 836 — 837 — 838 — 839 — 840 — 841 — 842 — 843 — 844 — 845 — 846 — 847 — 848 — 849 — 850 — 851 — 852 — 853 — 854 — 855 — 856 — 857 — 858 — 859 — 860 — 861 — 862 — 863 — 864 — 865 — 866 — 867 — 868 — 869 — 870 — 871 — 872 — 873 — 874 — 875 — 876 — 877 — 878 — 879 — 880 — 881 — 882 — 883 — 884 — 885 — 886 — 887 — 888 — 889 — 890 — 891 — 892 — 893 — 894 — 895 — 896 — 897 — 898 — 899 — 900 — 901 — 902 — 903 — 904 — 905 — 906 — 907 — 908 — 909 — 910 — 911 — 912 — 913 — 914 — 915 — 916 — 917 — 918 — 919 — 920 — 921 — 922 — 923 — 924 — 925 — 926 — 927 — 928 — 929 — 930 — 931 — 932 — 933 — 934 — 935 — 936 — 937 — 938 — 939 — 940 — 941 — 942 — 943 — 944 — 945 — 946 — 947 — 948 — 949 — 950 — 951 — 952 — 953 — 954 — 955 — 956 — 957 — 958 — 959 — 960 — 961 — 962 — 963 — 964 — 965 — 966 — 967 — 968 — 969 — 970 — 971 — 972 — 973 — 974 — 975 — 976 — 977 — 978 — 979 — 980 — 981 — 982 — 983 — 984 — 985 — 986 — 987 — 988 — 989 — 990 — 991 — 992 — 993 — 994 — 995 — 996 — 997 — 998 — 999 — 1000

WIND & SEA.



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

WEATHER.



REMARKS.

Weather is very fine over France, the greater part of England, and the E. shores of the North Sea; but there is falling at some of our N. stations. Light showers have fallen in the W. and NW since yesterday morning. Wind is S. to E. on all our W. coasts; and, though light generally, blows freshly at Valentia. To the E. of the North Sea it is NW, while on our E. coasts, calms and W. air prevail. Temperature is rising, and is already above 60° over England and the S. of Ireland. In Scotland it is from 5 to 10° colder than this. Sea is rather rough at Valentia, smooth elsewhere.

Barometrical Indications.

The barometrical readings vary from about 30.15 in Belgium, and the NE. of France, to 29.9 in the W. of Ireland, and 29.7 in the N. of Sweden. The fall of the mercury noticed in the W. yesterday, still continues, and is spreading E. over the country, accompanied by the S. current of air and cloudy weather.

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

August 6th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. Sea Level.	Temp. in shade.	Wind.		Weather.	Barometre.		SHADE TEMP.			Wind.		Weather.	Sea. (0 to 3).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 15).		Reading at 32° F. Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.		
Haparanda ...	29.72	54	Z	0	b	29.79	+ .15	59	56	+ 1	N	2	c	*	*	*	-	
Hernösand ...	29.76	54	Z	0	c	29.85	+ .12	58	53	+ 4	NNH	2	b	*	*	*	-	
Stockholm ...	29.73	57	Z	0	o	29.88	+ .21	57	54	- 3	Z	0	o	*	*	*	0.67	
Wisby ...	29.72	56	NNH	2	b	29.84	+ .17	59	55	+ 1	NNH	6	o	*	*	*	-	
Christiansund ...	29.73	53	NNH	3	o	29.98	+ .20	52	52	+ 1	H	2	p	3	55	?	?	
Skudesnaes ...	29.93	53	NNH	6	e	30.03	+ .14	56	53	+ 3	NNH	4	o	2	57	?	-	
Oxö (Ktiansand) ...	29.87	60	NNH	4	b	29.98	+ .21	56	53	+ 2	NNH	12	e	2	66	52	-	
Skagen (The Saaw) ...																		
Fanö ...	30.04	55	H	6	e	30.11	+ .17	59	53	+ 2	H	2	b	*	63	52	-	
Cuxhaven ...	30.08	?	NNH	3	o	30.14	+ .13	58	57	- 4	SH	3	o	*	52	52	0.01	
Sumburgh Head ...	30.05	51	SE	1	e	29.99	- .03	52	49	+ 3	SE	3	o	3	53	49	-	
Stornoway ...	29.93	57	Z	0	o	29.78	- .19	56	55	+ 3	SSE	1	ag	1	60	52	0.05	
Thurso ...	30.00	54	ESE	2	c	29.86	- .16	55	54	0	SSE	2	b	2	60	49	0.06	
Wick ...	30.00	53	E	2	o	29.88	- .16	55	54	+ 1	SE	3	m	2	61	50	0.04	
Nairn ...	29.97	56	Z	0	o	29.85	- .15	57	54	+ 6	Z	0	o	0	61	50	-	
Aberdeen ...	29.99	57	S	2	c	29.91	- .11	56	55	+ 1	Z	0	om	0	61	54	0.02	
Leith ...	29.98	57	ENE	1	c	29.88	- .13	57	56	+ 4	Z	0	p	*	61	52	0.07	
Shields ...	30.03	57	SE	2	o	29.94	- .12	60	58	+ 5	SSE	1	of	2	60	54	0.01	
Scarborough ...	30.04	57	SSE	2	o	29.97	- .09	61	57	+ 4	S	2	o	2	61	56	-	
York ...	30.02	64	E	2	c	29.92	- .15	59	56	- 1	S	2	b	*	71	54	0.03	
Nottingham ...	30.02	72	S	2	c	29.95	- .09	63	59	- 4	S	2	o	*	84	55	-	
Ardrossan ...	29.96	61	SH	2	o	29.84	- .15	59	57	+ 2	ESE	2	+	2	66	56	0.02	
Greencastle ...	29.87	63	SE	2	c	29.71	- .22	59	58	+ 1	S	2	o	*	65	57	0.05	
Donaghadee ...	29.95	58	SE	3	b	29.81	- .18	57	57	0	SE	4	o	2	62	55	0.05	
Kingstown ...	29.94	63	SSE	3	c	29.80	- .21	61	59	+ 2	SSE	4	om	3	64	58	0.09	
Holyhead ...	29.98	65	SSH	1	o	29.84	- .19	62	60	+ 3	SSE	3	o	2	68	57	-	
Liverpool (Bidston) ...	29.99	64	NNH	1	c	29.90	- .15	57	56	- 2	ESE	4	+	1	70	57	0.03	
Valencia ...	29.77	60	SSE	6	+	29.66	- .22	59	57	- 2	SE	4	c	4	64	59	0.28	
Roche's Point ...	29.87	64	SSE	4	o	29.72	- .24	61	60	0	SSH	4	fm	3	68	57	0.19	
Pembroke ...	29.96	63	SSE	3	c	29.82	- .21	61	59	- 1	SE	4	c	3	67	59	-	
Portishead ...	30.02	70	SH	3	b	29.92	- .14	62	59	+ 3	SSH	2	o	2	75	56	-	
Seilly ...																		
Plymouth ...	30.00	67	S	2	b	29.90	- .16	64	62	+ 3	SE	2	o	*	72	60	-	
Hurst Castle ...	30.04	65	H	1	b	29.95	- .14	65	64	+ 1	SSE	4	o	3	66	60	-	
Dover ...	30.09	64	SSE	1	b	30.03	- .08	60	60	- 6	ESE	1	b	1	69	57	-	
London ...	30.07	72	SSE	2	b	30.00	- .09	66	58	+ 5	SE	2	e	*	76	56	-	
Oxford ...	*	*	*	*	*	29.96	- .11	65	59	+ 3	SE	1	o	*	75	44	-	
Cambridge ...	30.04	71	SH	1	o	30.00	- .09	64	58	+ 2	SE	1	o	*	78	52	-	
Yarmouth ...	30.09	65	SE	2	b	30.04	- .03	64	62	+ 4	S	3	b	3	66	58	-	
The Helder ...	*	*	*	*	*	30.10	- .05	59	57	- 3	SSH	1	b	*	*	*	-	
Cape Gris Nez ...	30.09	64	NE	?	b	30.04	- .08	68	59	+ 7	SSE	2	b	1	72	57	-	
Jersey ...	?	70	SE	1	b	?	?	64	61	- 1	SSE	3	cm	3	72	61	-	
Brest ...	30.06	?	S	2	o	29.97	- .11	63	61	+ 2	SSH	3	m	3	72	59	-	
L'Orient ...	30.09	72	SH	2	b	30.00	- .08	64	63	+ 1	SH	3	c	2	75	59	-	
Rochefort ...	29.93	73	NNH	4	b	30.00	- .03	70	66	+ 2	H	2	b	3	86	54	-	
Biarritz ...	30.01	75	H	1	b	30.02	+ .03	70	68	+ 2	EHE	1	c	2	75	63	-	
Corunna ...	*	*	*	*	*												*	
Brussels ...	*	*	*	*	*	30.10	- .04	57	*	+ 2	ESE	3	b	*	*	*	*	
Charleville ...	*	*	*	*	*	30.03	- .05	60	*	+ 3	SE	1	b	*	*	*	*	
Paris ...	30.07	71	E	3	b	30.06	- .07	64	*	+ 5	ESE	3	b	*	*	*	-	
Lyons ...	*	*	*	*	*	30.11	+ .03	68	*	+ 45	SE	2	b	*	*	*	*	
Toulon ...	30.04	73	SE	1	b	30.11	+ .10	70	61	+ 6	E	1	b	1	75	64	-	

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

Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudeenaes ...	29.94	57	30	NNH	7	b	3	Valencia			
Thurso								Seilly			
Scarborough ...								London			*
Greencastle ...						*		Rochefort ...	30.02	77	68
Holyhead											3

EXPLANATION OF COLUMNS.

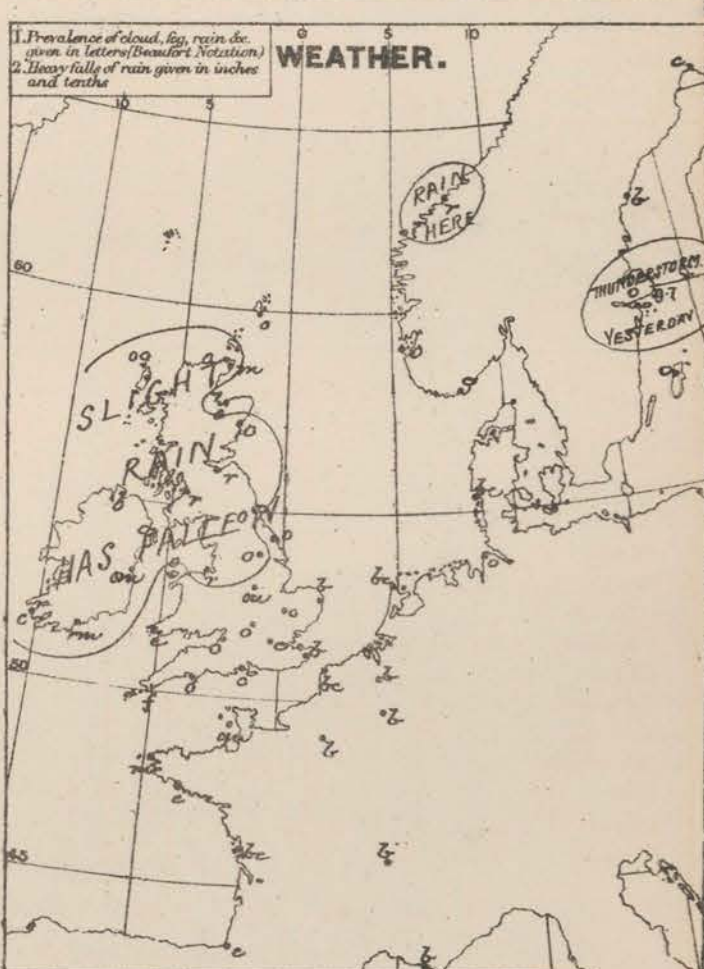
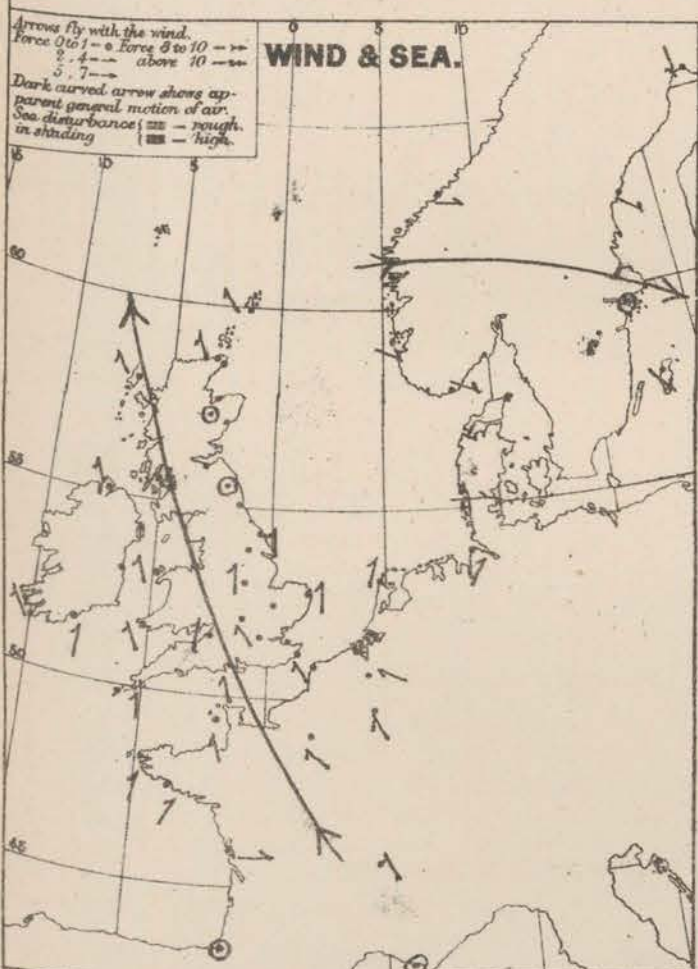
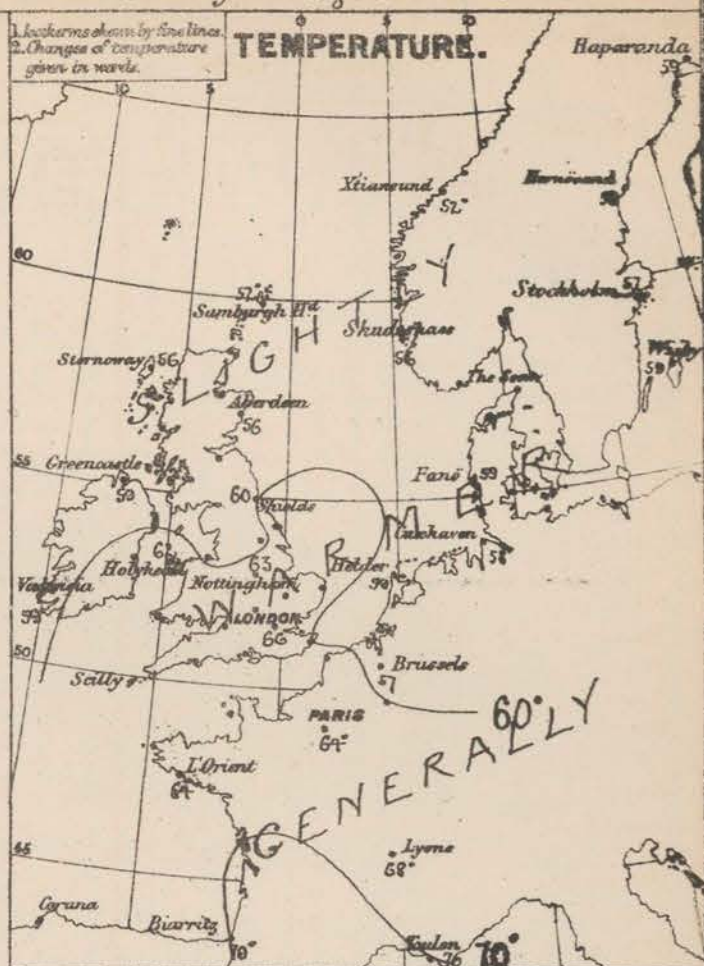
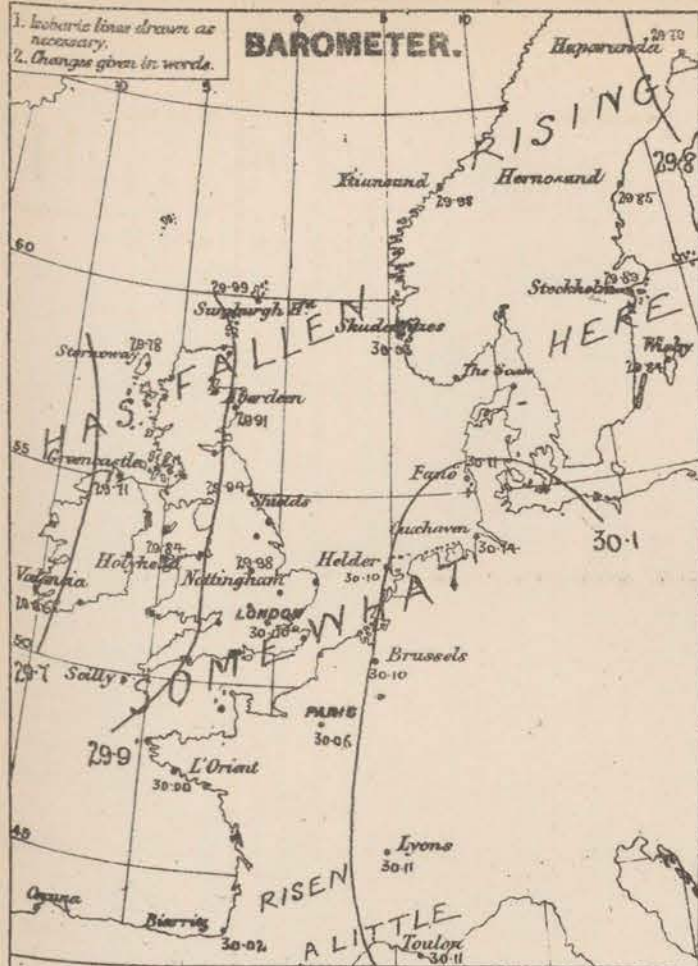
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Monday Aug 6th 1877.



REMARKS. Weather remains clear over France, and our extreme SE coasts, but has since become cloudy elsewhere, with some rain at our W and N stations. Rainfall has been heaviest (about 0.2 in) in the S. of Ireland. Temperature has risen considerably over France and S. Britain. It is now 64° to 68° over France, 60° to 65° over England, 60° in Ireland, and 56° in Scotland. The maximum readings for yesterday were 75° to 78° over Central England; and Nottingham reports as high as 84°. The night was mild generally. Wind is S to SE all over the Kingdom, light in the E, and moderate in the W. It blew a slight gale from SSE at Valencia during the night. In France the wind is variable from SE to SW and W, but on the E shore of the North Sea it is SW to NW. Sea is slight or smooth on all our coasts.

Barometrical Indications.
The readings were very fine rather above 30.1 in. over Germany and the E of France to 29.7 in. in the W. of Ireland. The mercury is falling all over the United Kingdom, most in the W, and the gradients for S winds are consequently increasing slowly. In the SW of France, however, the barometer is inclined to rise a little.

DAILY WEATHER REPORT August 7th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 55° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 32° F. and Sea Level.	Dry.	Wet.	Difference from 32° F. and Sea Level.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.90	54	NE	2	b	30.06	+ .27	52	48	-	7	NE	2	b	*	*	*	-
Hernösand ...	29.95	55	Z	0	b	30.04	+ .19	51	53	-	2	NW	2	b	*	*	*	0.04
Stockholm ...	29.95	57	Z	0	b	30.02	+ .14	51	55	+ 4		Z	0	b	*	*	*	-
Wisby ...	29.97	58	W	4	b	29.99	+ .15	52	58	+ 2		SW	2	b	*	*	*	-
Christiansund ...	30.12	55	ENE	2	b	29.97	- .01	57	57	+ 5		ESE	1	b	*	*	*	-
Skudeaanes ...	30.02	54	WSW	2	o	29.97	- .05	56	57	0		ESE	6	f	4	59	?	0.16
Oxö (Klansand) ...	30.02	58	SW	4	c	30.02	+ .04	57	55	+ 1		S	2	o	2	64	64	-
Skagen (The Sæw) ...	30.06	55	N	3	c	30.06	0	55	62			SW	2	o	0	66	62	-
Fanö ...	30.08	59	SW	2	o	29.99	- .12	60	59	+ 1		E	4	o	*	64	55	-
Cuxhaven ...	30.10	?	NE	2	b	29.97	- .17	61	59	+ 3		SE	2	b	*	64	55	-
Sumburgh Head ...	29.88	54	ESE	5	o	29.72	- .27	57	55	+ 5		SE	6	m	6	?	50	0.16
Stornoway ...	29.78	58	Z	0	o	29.53	- .25	58	57	+ 2		Z	0	c	0	60	53	0.09
Thurso ...	29.75	59	SSE	2	c	29.59	- .27	60	58	+ 5		SSE	2	o	2	61	54	0.06
Wick ...	29.75	56	SE	3	o	29.62	- .26	56	55	+ 1		SE	3	o	2	58	53	0.06
Nairn ...	29.72	63	Z	0	o	29.60	- .25	60	57	+ 3		Z	0	o	0	64	57	0.21
Aberdeen ...	29.79	58	S	1	c	29.63	- .28	54	58	+ 3		SSE	1	m	1	59	55	0.12
Leith ...	29.74	62	Z	0	o	29.58	- .36	58	57	+ 1		ENE	1	c	*	69	53	0.14
Shields ...	29.80	61	S	4	c	29.64	- .36	59	59	-	1	S	2	o	2	64	57	0.08
Scarborough ...	29.86	62	SSE	3	c	29.68	- .29	60	59	-	1	SSE	2	o	2	65	58	-
York ...	29.84	69	S	3	c	29.66	- .26	64	61	+ 5		SSE	2	o	4	72	59	0.02
Nottingham ...	29.83	71	SE	4	c	29.65	- .33	70	64	+ 7		SSE	5	b	*	72	61	0.03
Ardrossan ...	29.72	63	SE	2	f	29.53	- .31	62	60	+ 3		ESE	3	m	2	70	56	0.10
Greencastle ...	29.57	62	SE	2	o	29.39	- .32	60	58	+ 1		SE	4	o	*	65	57	0.12
Donaghadee ...	29.69	58	S	2	o	29.48	- .33	58	57	+ 1		S	3	f	2	62	56	0.02
Kingstown ...	29.70	65	S	3	c	29.41	- .39	59	58	-	2	SSE	6	f	4	67	58	0.21
Holyhead ...	29.76	62	S	3	o	29.50	- .34	60	59	-	2	SSE	3	f	2	69	60	0.06
Liverpool (Bidston) ...	29.78	65	S	2	b	29.56	- .32	64	60	+ 7		SE	3	o	2	75	52	-
Valencia ...	29.45	61	SSE	7	f	29.27	- .39	61	58	+ 2		S	5	b	5	63	57	0.16
Roche's Point... ..	29.60	62	SSW	6	f	29.37	- .35	60	59	-	1	SW	5	o	4	66	58	0.29
Pembroke ...	29.78	61	S	2	o	29.42	- .40	60	59	-	1	SE	6	m	5	66	59	0.30
Portishead ...	29.83	64	S	3	o	29.59	- .33	63	60	+ 1		ESE	5	o	4	75	59	-
Seilly ...	29.84	64	SE	1	o	29.54	- .36	60	60	-	4	SSE	4	o	*	67	60	0.35
Plymouth ...	29.88	67	SW	1	f	29.71	- .24	65	65	0		SW	3	o	3	69	63	0.11
Hurst Castle ...	29.92	69	ENE	1	b	29.76	- .27	66	63	+ 6		SW	1	b	1	71	?	-
Dover ...	29.89	77	SSE	3	c	29.71	- .29	68	63	+ 2		S	3	c	*	78	56	0.05
London ...	29.89	77	SSE	3	c	29.65	- .31	68	63	+ 3		S	3	c	*	77	61	0.01
Oxford ...	29.87	70	S	1	o	29.69	- .31	66	63	+ 2		S	1	c	*	75	59	0.20
Cambridge ...	29.87	70	S	1	o	29.69	- .31	66	63	+ 2		S	1	c	*	75	59	0.20
Yarmouth ...	29.93	65	SE	3	c	29.75	- .29	65	63	+ 1		SSE	2	b	3	67	62	0.02
The Helder ...	29.81	65	SE	3	c	29.65	- .32	62	62	+ 6		ESE	1	b	*	*	*	-
Cape Gris Nez ...	29.91	70	ENE	2	b	29.78	- .36	66	66	-	2	S	2	c	1	81	63	-
Jersey ...	?	67	SW	1	f	?	?	63	61	-	1	S	4	o	4	72	61	0.19
Brest ...	29.94	68	SSW	3	m	29.64	- .33	63	61	0		S	5	f	5	?	59	0.16
L'Orient ...	29.95	64	SW	3	m	29.76	- .24	63	61	-	1	SSW	5	f	5	73	59	0.14
Rochefort ...	30.01	70	SW	2	b	29.81	- .19	70	66	0		SSE	3	o	3	84	63	-
Biarritz ...	29.91	70	NNE	2	c	29.83	- .19	77	70	+ 7		SSW	3	c	3	88	68	-
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	*	*	*	*	*	29.72	- .28	68	*	+ 11		SSW	3	o	*	*	*	-
Charleville ...	*	*	*	*	*	?	?	68	*	+ 8		SSE	3	c	*	*	*	-
Paris ...	29.91	79	S	3	b	29.87	- .19	65	*	+ 1		? E	3	f	*	*	*	-
Lyons ...	*	*	*	*	*	?	?	73	*	+ 5		NE	2	b	*	*	*	-
Toulon ...	30.10	73	N	3	b	30.09	- .02	70	68	0		Z	0	m	2	87	70	-

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.02	59	63	WSW	2	c	2	Valencia	29.56	62	60	SSE	7	29	4
Thurso	29.81	58	57	SSE	2	c	2	Seilly							
Scarborough ...	29.92	61	59	SSE	2	o	2	London	29.94	76	63	SSE	3	c	*
Greencastle ...	29.65	63	61	S	3	o	*	Rochefort ...	30.01	75	66	WSW	2	6	3
Holyhead	29.79	65	63	S	3	m	2								

The barometer is still falling at Valencia, and the S.W. wind (after lulling) is again increasing. Warnings sent to all our SW coast.

EXPLANATION OF COLUMNS.

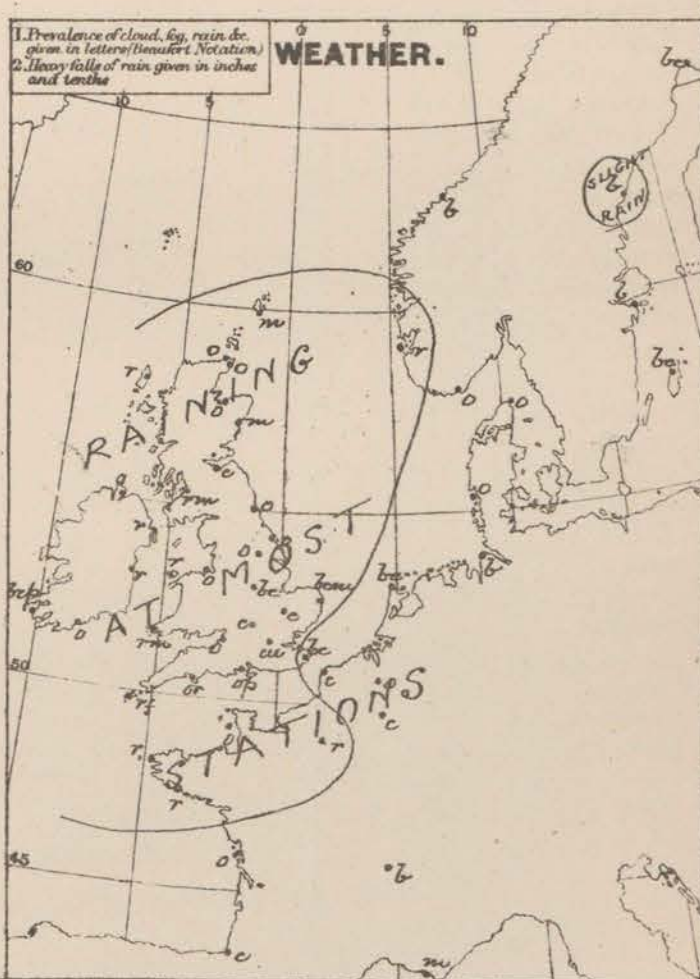
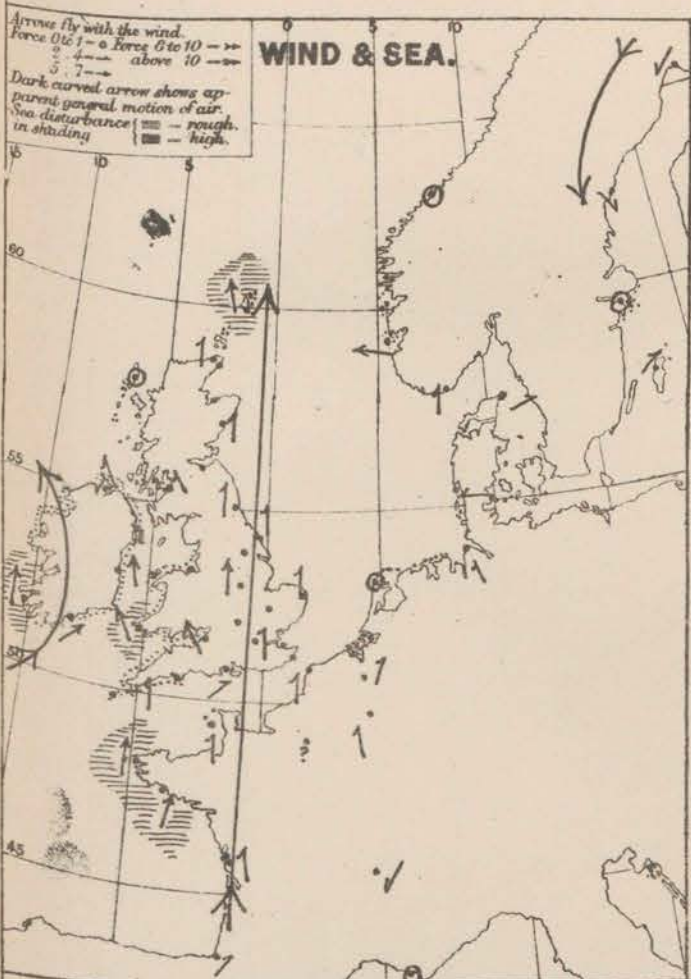
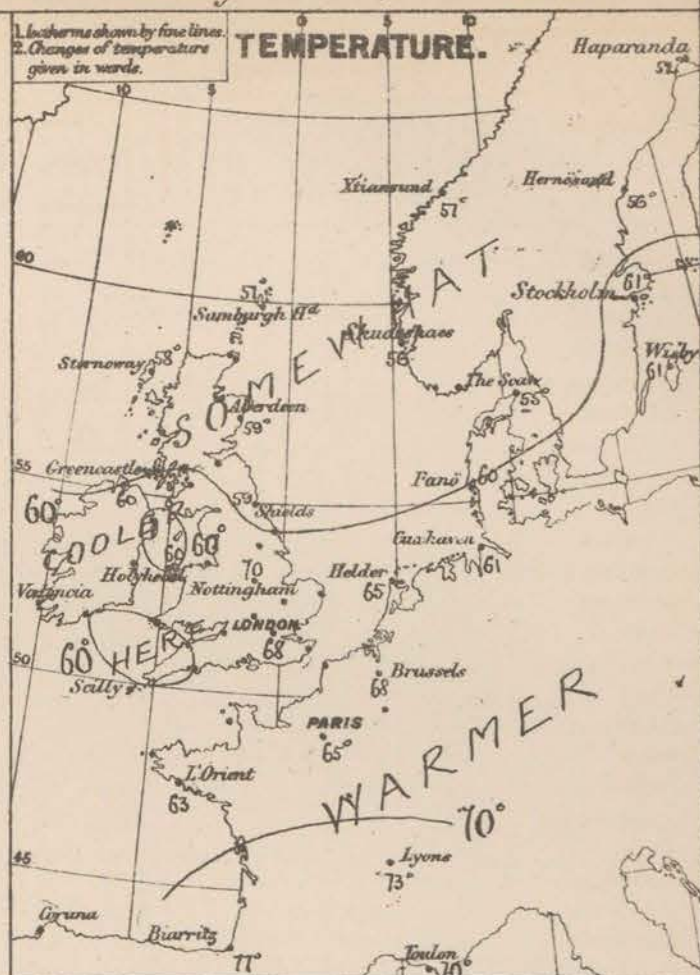
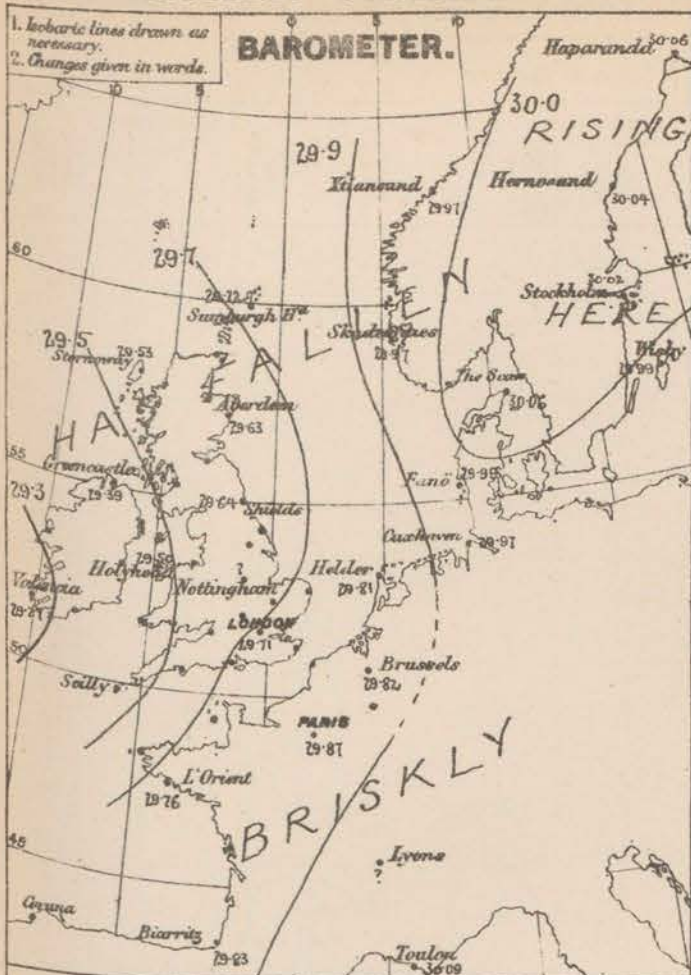
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Tuesday AUG. 7th 1877.



Note: A dotted line is drawn round the coast where the signals were kindled yesterday.

REMARKS.

Weather has become very cloudy and showery over the whole of our Islands, with the greater part of France and the North Sea. In Scandinavia, Germany, and the E. of France it is still clear. Rain has fallen on all our coasts, the amount being very variable, between a few hundredths, and three quarters of an inch. Temperature has again risen at all but the W. stations, the change being 11° at Brussels. It is between 68 and 70° over Central England, 58° to 61° in Iceland and Scotland, 57° in Norway. At Biarritz it is 77°. The highest point reached over Central England yesterday was 78°, but 88° was recorded in the N. of France. Wind is S.W. over the Kingdom, and France; it blows as freshets, strong breeze in the W. and SW. In the E. it is light, and in Scotland east light. At Sumburgh H. and Skudesnæs, however, there is a strong SE. breeze reported. During last night, and early this morning a moderate SSE. gale was felt in the S. and E. of Iceland. Sea is rather rough on exposed parts of our W. and N. coasts, but smooth in the E. and SE.

Barometrical indications. The barometer now stands above 30 in. both in the SW. of France, and over Sweden, while it is below 29.3 in. in the W. of Iceland. The gradients for S. winds over our Islands are much steeper than of late, the steepest of all being found at the mouth of the Channel. The fall of the barometer at Valentia seems, however, to have been checked during the night. Our W. and SW. coasts were warned yesterday.

DAILY WEATHER REPORT *August 8th 1877.*

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dirco.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 15).			Max.	Min.			
Haparanda ...	30.08	53	Z	0	z	30.13	+ .07	56	54	+ 4	SW	2	z	*	*	*	-		
Hernösand ...	30.08	53	Z	0	z	30.20	+ .16	52	51	- 4	SW	2	f	*	*	*	-		
Stockholm ...	30.02	53	Z	0	z	30.12	+ .10	63	59	+ 2	Z	0	z	*	*	*	0.20		
Wisby ...	30.04	59	Z	0	z	30.08	+ .04	62	57	+ 1	ESE	4	z	*	*	*	-		
Christiansund ...	29.93	59	ENE	2	z	29.84	- .13	64	53	+ 7	SE	3	z	2	?	50	-		
Skudesnaes ...	29.86	63	ESE	6	o	29.69	- .28	65	55	+ 9	E	8	c	5	?	55	-		
Oxö (Klansand) ...	29.96	59	E	4	c	29.87	- .15	60	58	+ 3	E	6	z	4	61	57	-		
Skagen (The Scaw) ...	29.99	59	SSE	2	z	29.94	- .12	60	56	+ 5	SSE	5	bc	5	72	52	-		
Fanö ...	29.85	62	E	6	c	29.68	- .31	63	59	+ 3	E	6	c	*	70	59	-		
Cuxhaven ...	29.84	4	ESE	3	o	29.68	- .29	68	65	+ 7	SSE	2	z	*	z	61	-		
Sumburgh Head ...	29.65	56	SE	7	m	29.46	- .26	55	54	- 2	ESE	8	z	8	59	53	0.20		
Stornoway ...	29.34	62	NNE	1	o	29.27	- .26	59	58	+ 1	SE	1	o	1	63	54	0.16		
Thurso ...	29.47	58	SE	5	o	29.30	- .29	56	55	- 4	SE	2	z	2	64	55	0.26		
Wick ...	29.48	58	SE	6	m	29.30	- .32	55	55	- 1	SE	5	z	5	63	54	0.39		
Nairn ...	29.39	65	SE	1	o	29.28	- .32	59	58	- 1	Z	0	m	1	70	58	0.29		
Aberdeen ...	29.46	58	SSE	4	o	29.27	- .36	57	57	- 2	Z	0	m	2	62	56	0.71		
Leith ...	29.35	63	ESE	9	z	29.30	- .28	63	59	+ 5	NNW	1	z	*	72	54	0.16		
Shields ...	29.43	57	SE	4	z	29.38	- .26	61	57	+ 2	SW	3	z	2	74	55	0.28		
Scarborough ...	29.46	62	SSE	4	o	29.43	- .25	60	58	0	SSW	3	c	3	64	53	0.12		
York ...	29.45	62	S	3	o	29.42	- .24	59	57	- 5	S	2	o	0	75	52	0.34		
Nottingham ...	29.44	62	SSE	5	z	29.43	- .22	64	60	- 6	S	4	c	*	76	51	0.28		
Ardrossan ...	29.34	63	SE	3	z	29.31	- .23	62	59	0	ESE	2	bcw	1	65	54	0.66		
Greenecastle ...	29.35	64	ENE	1	c	29.22	- .17	57	56	- 3	E	2	o	*	67	53	0.05		
Donaghadee ...	29.31	57	SSE	3	c	29.26	- .22	58	57	0	ESE	3	z	2	58	55	0.26		
Kingstown ...	29.29	65	SSE	4	z	29.19	- .22	59	57	0	SE	4	cm	3	65	57	0.46		
Holyhead ...	29.35	60	SSW	2	bc	29.24	- .26	57	58	- 1	SSE	4	o	2	63	57	0.32		
Liverpool (Bidston) ...	29.37	60	SSE	1	z	29.31	- .25	60	58	- 4	ESE	3	bc	1	64	52	0.35		
Valencia ...	29.09	59	SSE	6	z	29.12	- .15	59	57	- 2	NNW	4	c	4	62	56	0.47		
Ros Point ...	29.28	62	S	6	z	29.14	- .23	59	59	- 1	NE	4	z	5	66	57	0.82		
Pembroke ...	29.39	63	SSW	3	bc	29.17	- .25	59	58	- 1	S	7	c	5	64	58	0.06		
Portishead ...	29.46	62	ESE	4	z	29.34	- .25	62	59	- 1	ESE	7	cu	5	65	54	0.54		
Seilly ...	29.48	62	SW	4	c	29.34	- .20	60	58	0	S	5	o	*	64	59	0.78		
Plymouth ...	29.52	62	z	5	c	29.45	- .26	64	63	- 1	SW	6	z	6	64	59	0.58		
Hurst Castle ...	29.56	62	?	3	o	29.57	- .17	63	61	- 3	SSW	5	z	4	70	59	0.37		
Dover ...	29.51	65	SSE	4	cd	29.52	- .19	61	58	- 7	S	4	ogp	*	70	55	0.19		
London ...	*	*	*	*	*	29.43	- .22	63	60	- 5	S	3	o	*	68	53	0.40		
Oxford ...	29.54	63	S	8	o	29.50	- .19	62	59	- 4	S	4	z	*	74	53	0.8		
Cambridge ...	29.60	64	S	3	z	29.56	- .19	64	61	- 1	SSW	3	bc	3	69	55	0.31		
Yarmouth ...	*	*	*	*	*	29.63	- .18	64	62	- 1	SW	2	bc	*	*	*	0.67		
The Helder ...	29.61	63	S	1	z	29.63	- .15	63	61	- 3	SW	4	bc	4	77	57	0.39		
Cape Gris Nez ...	?	61	WSW	6	bc	?	?	62	60	- 1	S	6	cu	6	65	57	0.38		
Jersey ...	29.65	?	WSW	4	z	29.55	- .09	61	57	- 2	WSW	4	f	6	63	57	0.71		
Brest ...	29.68	64	NNW	4	bc	29.63	- .13	61	59	- 2	WSW	6	m	7	66	57	0.43		
L'Orient ...	29.72	72	SW	5	z	29.77	- .04	72	63	+ 2	WSW	6	c	5	80	61	0.28		
Rochefort ...	29.80	77	WSW	1	z	29.70	+ .07	68	64	- 9	S	1	o	4	88	63	0.24		
Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Corunna ...	*	*	*	*	*	29.70	- .12	61	*	- 7	SW	3	o	*	*	*	0.54		
Brussels ...	*	*	*	*	*	29.66	?	65	*	- 3	N	3	o	*	*	*	*		
Charleville ...	*	*	*	*	*	29.75	- .12	63	*	- 2	SSW	4	c	*	*	*	0.39		
Paris ...	29.63	70	S	4	o	29.64	?	71	*	- 2	S	2	z	*	*	*	*		
Lyons ...	*	*	*	*	*	29.84	- .15	70	61	0	SE	4	bc	4	89	70	-		
Toulon ...	29.98	73	SE	1	z	29.94	- .15	70	61	0	SE	4	bc	4	89	70	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.89	62	58	SE	6	o	4	Valencia	29.20	61	58	SSE	6	cp	6
Thurso	29.32	62	60	SSE	4	c	3	Seilly							
Scarborough ...	29.58	64	62	SSE	4	t	3	London	29.62	66	63	SSE	3	o	*
Greenecastle ...	29.29	59	58	SE	4	o	4	Rochefort ...	29.71	75	68	SW	4	o	4
Holyhead	29.39	60	60	SSW	2	o	1								

The barometer is still falling at Valencia, the wind there has backed to SSE. again, and is freshening with showery weather.

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT

AUGUST 2ND 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 35° 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 15).		Reading at 35° 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 ...	30.14	57	S	2	b	30.17	+ .04	58	52	+ 2	SW	4	b	*	*	*	-	
Hernösand ...	30.17	56	Z	0	b	30.21	+ .04	58	56	+ 6	Z	0	b	*	*	*	-	
Stockholm ...	?	58	Z	0	b	?	?	65	59	+ 2	SE	4	b	*	*	*	-	
Wisby ...	30.12	57	E	4	b	30.13	+ .05	63	56	+ 1	SSE	6	b	*	*	*	-	
Christiansund ...	29.88	69	SE	1	b	29.86	+ .02	67	57	+ 3	SE	3	o	1	77	59	-	
Skudesnaes ...	29.75	61	ESE	6	o	29.71	+ .02	60	55	- 5	E	2	o	3	64	61	0.39	
Oxö (Xiänsand) ...	29.81	58	E	7	o	29.76	- .11	?	58	?	E	7	r	5	61	57	-	
Skagen (The Scaw) ...	29.93	62	SSE	6	r	29.88	- .09	61	57	+ 1	SSE	5	o	5	70	55	0.16	
Fanö ...	29.73	63	SSE	2	o	29.69	+ .04	63	62	0	ESE	2	o	*	66	61	0.63	
Cuxhaven ...	29.72	*	ESE	3	r	29.71	+ .03	65	61	- 3	SW	2	o	*	61	59	0.77	
Sumburgh Head ...	29.48	56	ESE	6	m	29.59	+ .13	56	55	+ 1	SE	4	o	6	56	53	0.15	
Stornoway ...	29.35	60	SE	1	b	29.42	+ .05	60	58	+ 1	Z	0	b	0	66	53	-	
Thurso ...	29.38	65	SSE	2	b	29.48	+ .18	58	57	+ 2	SSE	2	o	2	71	55	0.03	
Wick ...	29.39	59	S	3	be	29.50	+ .20	56	56	+ 1	SE	2	f	5	66	53	0.02	
Nairn ...	No observations taken					29.44	+ .16	60	57	+ 1	SE	1	o	1	70	56	0.02	
Aberdeen ...	29.44	59	SSE	4	b	29.46	+ .19	58	57	+ 1	SE	3	m	4	65	57	0.01	
Leith ...	29.34	60	S	3	o	29.41	+ .11	58	57	- 5	NNE	1	o	*	71	54	0.10	
Shields ...	29.40	56	E	2	r	29.39	+ .01	57	57	- 4	NNE	1	df	4	64	54	0.27	
Scarborough ...	29.40	61	SSE	4	be	29.34	- .09	58	58	- 2	NNW	1	f	2	65	55	0.33	
York ...	29.38	64	SSW	4	b	29.38	- .04	59	58	0	N	3	o	2	71	57	0.04	
Nottingham ...	29.37	64	S	6	be	29.48	+ .05	61	59	- 3	SW	6	o	*	72	57	0.43	
Ardrossan ...	29.31	65	SE	2	e	29.41	+ .10	58	57	- 4	N	1	df	0	68	58	1.16	
Greencastle ...	29.28	63	NNE	1	o	29.46	+ .23	58	56	+ 1	N	2	o	*	66	54	0.02	
Donaghadee ...	29.38	60	SE	3	b	29.44	+ .18	58	57	0	NNW	4	o	3	62	55	0.01	
Kingstown ...	29.26	60	N	3	be	29.32	+ .03	59	55	0	NNW	4	o	3	62	56	0.04	
Holyhead ...	29.22	60	NNE	2	o	29.49	+ .25	57	55	- 2	N	3	o	3	67	56	0.21	
Liverpool (Bidston) ...	29.25	62	ESE	3	o	29.45	+ .14	57	56	- 3	NNW	6	o	3	67	57	0.10	
Valencia ...	29.47	58	NN	4	a	29.67	+ .55	58	57	- 1	NNW	4	o	4	64	56	0.07	
Roche's Point ...	29.36	62	NNW	6	be	29.63	- .61	59	56	0	NN	4	o	4	65	57	0.21	
Pembroke ...	29.16	60	NNW	7	e	29.55	+ .38	60	58	+ 1	N	4	o	4	61	57	0.28	
Portishead ...	29.28	60	SW	6	r	29.58	+ .24	61	58	- 1	NNW	4	o	4	64	57	0.34	
Scilly ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	
Plymouth ...	29.38	60	SW	6	o	29.65	+ .31	60	59	0	SW	2	m	*	64	57	0.22	
Hurst Castle ...	29.45	63	SW	6	m	29.65	+ .20	62	61	- 2	WSW	4	o	5	65	60	0.06	
Dover ...	29.58	63	SW	5	be	29.64	+ .05	62	60	- 1	WSW	5	cap	4	65	60	0.27	
London ...	29.48	64	S	4	e	29.61	+ .09	62	58	+ 1	WSW	2	e	*	69	58	0.36	
Oxford ...	?	?	?	?	?	29.57	+ .14	62	57	- 1	SW	2	be	*	65	58	0.12	
Cambridge ...	29.46	64	S	2	o	29.56	+ .09	63	57	+ 1	SW	2	o	*	70	57	0.03	
Yarmouth ...	29.54	65	S	5	b	29.54	- .02	63	61	- 1	SW	4	o	3	67	59	0.03	
The Helder ...	?	?	?	?	?	29.63	.00	64	61	0	S	2	be	*	*	*	-	
Cape Gris Nez ...	29.59	64	SW	5	o	29.69	+ .06	61	59	- 2	SW	7	o	5	72	57	0.16	
Jersey ...	?	60	SW	7	o	?	?	58	58	- 4	SW	6	m	6	68	57	0.18	
Brest ...	29.71	68	N	5	o	29.86	+ .31	59	57	- 2	N	4	be	5	?	57	0.08	
L'Orient ...	29.72	63	N	6	o	29.88	+ .25	63	59	+ 2	N	5	m	5	68	57	0.04	
Rochefort ...	29.87	68	WSW	6	o	29.93	+ .16	63	63	- 9	NN	5	be	5	72	61	0.20	
Biarritz ...	29.97	75	NNW	1	be	30.08	+ .18	64	63	- 4	SW	1	r	5	90	63	0.04	
Corunna ...	?	?	?	?	?	30.09		68	?		SW	3	o	5	*	*	*	
Brussels ...	?	?	?	?	?	29.74	+ .04	61	?	0	SW	6	b	*	*	*	-	
Charleville ...	?	?	?	?	?	29.80	+ .14	59	?	- 6	SW	3	o	*	*	*	*	
Paris ...	29.71	68	SSW	4	o	29.84	+ .09	60	?	- 3	WSW	4	o	*	*	*	0.04	
Lyons ...	?	?	?	?	?	30.04	+ .20	68	?	- 3	SE	2	o	*	*	*	*	
Toulon ...	29.91	73	SE	3	e	29.95	+ .01	68	61	- 2	NNW	4	b	3	79	68	0.28	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.72	60	58	ESE	6	rf	4	Valencia	29.36	62	58	NW	3	cp	4
Thurso	29.29	67	63	SSE	2	a	2	Scilly							
Scarborough ...	29.42	58	57	SSE	5	e	4	London	29.49	68	64	S	5	bag	*
Greencastle ...	29.27	60	57	S	1	s	*	Rochefort ...	29.77	68	64	WSW	6	o	5
Holyhead	29.21	65	62	ESE	2	o	2								

The barometer has risen fast in the S. of Ireland since the morning, but has fallen gradually in Wales. The depression is now a few miles to the eastward of the position it occupied at 8 a.m. Fresh to strong S.W. winds have prevailed in the S. of England this morning, with equally showery weather.

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT *August 10th 1877.*

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).			Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...														*	*	*			
Hernösand ...														*	*	*			
Stockholm ...														*	*	*			
Wisby ...														*	*	*			
Christiansund ...	29.81	68	NE	2	c		29.79	- .07	66	56	- 1	SSE	6	c	2	73	?	-	
Skudesnaes ...	29.71	60	SE	4	f		29.73	+ .02	63	60	+ 3	SE	4	c	4	?	59	-	
Oxö (Xtiansand) ...	29.80	60	ESE	4	f		29.80	+ .04	58	55	?	E	4	f	2	?	57	-	
Skagen (The Sæw) ...	29.85	59	SSE	3	f		29.82	- .03	60	59	- 1	Z	0	0	0	63	55	0.55	
Fanö ...	29.80	64	SE	2	b		29.74	+ .10	63	61	0	SE	4	b	*	70	55	-	
Cuxhaven ...														*					
Sumburgh Head ...	29.58	55	NE	4	f		29.47	- .12	55	55	- 1	E	4	f	5	59	53	0.17	
Stornoway ...	29.49	64	NW	1	f		29.57	+ .15	56	55	- 4	N	2	d	1	65	55	0.07	
Thurso ...	29.58	58	ESE	2	c		29.51	+ .03	58	57	0	WSW	2	0	3	61	54	0.05	
Wick ...	29.57	56	E	2	f		29.52	+ .02	58	57	+ 2	N	2	0	2	60	53	0.18	
Nairn ...	29.48	58	SE	1	f		29.56	+ .12	57	55	- 3	N	1	0	2	64	55	0.26	
Aberdeen ...	29.45	58	NNE	1	ov		29.56	+ .10	58	57	0	NNW	1	ov	2	62	54	0.30	
Leith ...	29.47	61	N	1	c		29.61	+ .20	57	55	- 1	N	2	0	*	68	54	-	
Shields ...	29.58	62	NNW	5	"		29.68	+ .29	58	57	+ 1	SW	1	f	2	65	55	0.11	
Scarborough ...	29.55	61	SW	3	c		29.70	+ .26	57	56	- 1	WSW	2	0	2	66	56	0.04	
York ...	29.58	63	N	3	b		29.73	+ .35	59	57	0	SW	3	0	4	64	54	0.08	
Nottingham ...	29.63	65	WSW	3	b		29.80	+ .32	58	55	- 3	NNW	3	0	*	72	55	0.08	
Ardrossan ...	29.52	61	NNW	3	c		29.67	+ .26	57	54	- 1	NNW	4	0	3	65	56	0.11	
Greencastle ...	29.55	59	NN	1	f		29.70	+ .25	56	53	- 2	N	2	0	*	65	52	0.10	
Donaghadee ...	29.58	61	SSE	1	o		29.73	+ .29	58	55	0	N	4	c	2	64	55	0.04	
Kingstown ...	29.65	60	NNW	5	c		29.79	+ .27	55	52	- 4	NNW	4	0	3	63	54	0.04	
Holyhead ...	29.64	59	N	3	o		29.81	+ .32	55	54	- 2	N	4	ov	3	65	55	0.08	
Liverpool (Bidston) ...	29.61	61	WSW	4	b		29.76	+ .31	57	55	0	N	5	0	4	66	56	0.32	
Valencia ...	29.83	57	NN	4	o		29.92	+ .25	55	55	0	N	3	c	3	61	57	0.24	
Roche's Point ...	29.79	59	NW	3	b		29.90	+ .27	58	54	- 1	NNW	3	c	3	64	53	-	
Pembroke ...	29.72	60	WSW	4	b		29.86	+ .31	57	52	- 3	NNW	3	0	2	61	56	-	
Portishead ...	29.73	61	WSW	3	c		29.85	+ .27	58	55	- 3	WSW	3	0	3	66	53	0.05	
Scilly ...																			
Plymouth ...	29.81	62	N	4	o		29.89	+ .24	60	58	0	N	2	0	*	65	58	0.08	
Hurst Castle ...	29.69	63	WSW	4	o		29.92	+ .27	62	62	0	SSW	3	f	3	69	57	-	
Dover ...	29.77	63	WSW	5	c		29.89	+ .25	65	60	+ 3	WSW	4	b	4	65	58	0.07	
London ...	29.71	66	SW	2	cp		29.86	+ .25	62	58	0	SW	2	c	*	70	55	0.19	
Oxford ...	*	*	*	*	*		29.74	+ .27	60	56	- 2	SW	1	0	*	68	56	0.18	
Cambridge ...	29.68	62	SW	1	f		29.80	+ .27	61	56	- 2	SW	2	0	*	71	54	0.57	
Yarmouth ...	29.67	63	NN	2	c		29.81	+ .27	61	58	- 2	N	3	b	3	69	54	0.26	
The Helder ...	*	*	*	*	*		29.80	+ .17	64	61	0	SW	2	0	*	*	*	0.16	
Cape Gris Nez ...	29.50	63	SW	6	o		29.90	+ .21	63	59	+ 2	WSW	4	b	4	64	59	-	
Jersey ...	29.71	60	WSW	6	o		29.95	+ .18	61	60	+ 3	SW	2	0	3	65	58	0.02	
Brest ...	29.99	66	N	4	o		29.96	+ .10	59	59	0	?	2	ov	4	?	57	0.16	
L'Orient ...	29.99	63	N	4	ov		29.95	+ .07	63	61	0	WSW	3	ov	4	70	57	0.12	
Rochefort ...	30.04	70	NNW	6	o		30.05	+ .12	66	63	+ 3	N	6	0	5	73	55	-	
Biarritz ...	30.13	75	NN	2	c		30.08	+ .08	68	64	+ 4	Z	0	b	4	?	61	-	
Corunna ...	*	*	*	*	*											*	*	*	
Brussels ...	*	*	*	*	*		29.92	+ .18	60	*	- 1	SW	6	0	*	*	*	-	
Charleville ...	*	*	*	*	*		29.90	+ .10	61	*	+ 2	SSE	3	0	*	*	*	*	
Paris ...	29.88	69	WSW	3	c		30.00	+ .16	62	*	+ 2	N	3	0	*	*	*	0.16	
Lyons ...	*	*	*	*	*		30.11	+ .07	69	*	+ 1	NE	2	c	*	*	*	*	
Toulon ...	29.92	72	NN	6	b		29.96	+ .01	66	59	- 2	NN	5	b	4	77	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.69	59	57	E	2	b	3	Valencia	29.78	58	56	W N W	2	o	3
Thurso	29.50	60	58	SE	2	f	2	Scilly							
Scarborough ...	29.48	63	60	WSW	3	o	2	London	29.67	69	63	SW	4	c	4
Greencastle ...	29.50	63	57	N	2	c	*	Rochefort ...	30.04	70	64	NNW	6	c	5
Holyhead	29.59	63	61	SSW	3	b	3								

The barometer is still rising on all coasts, most in the NE of England. Cloudy weather is still prevalent, and no important change is reported.

EXPLANATION OF COLUMNS.

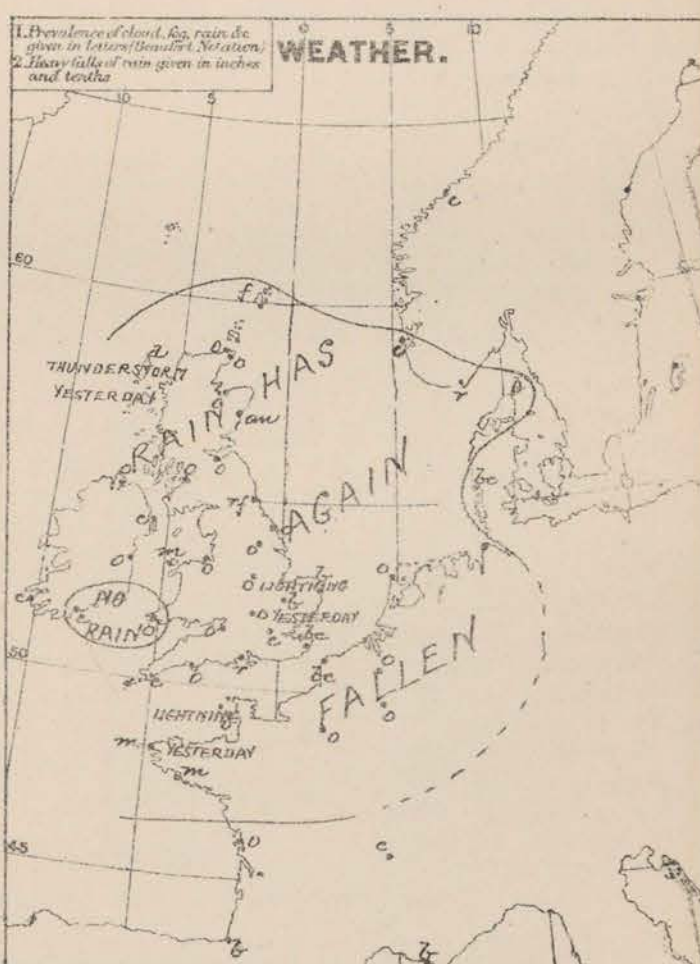
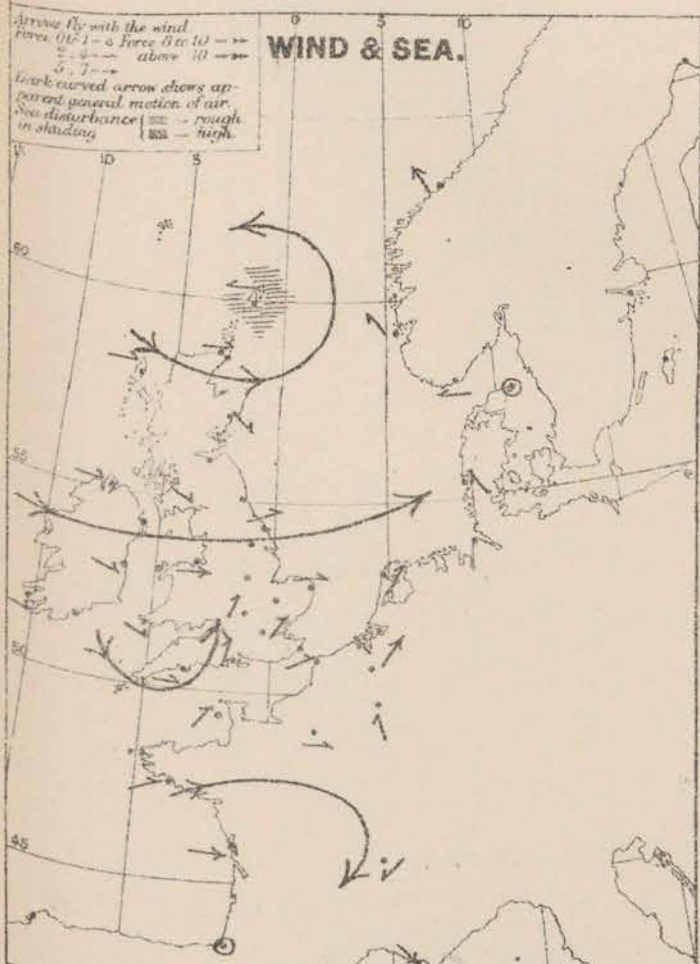
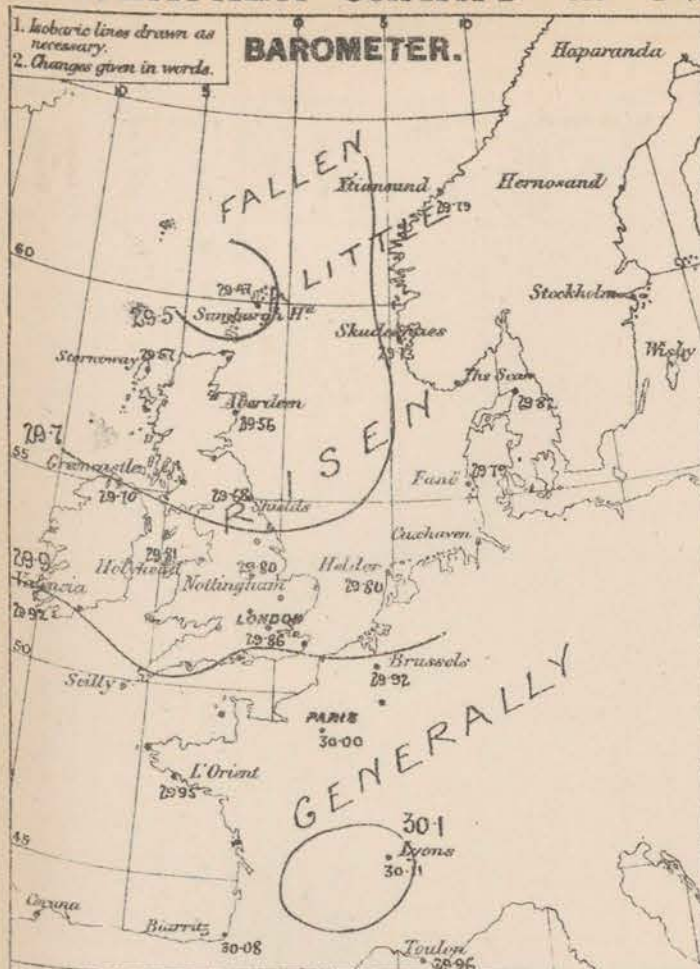
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew

* 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 10 Aug⁵⁷ 1877.



REMARKS. Weather continues cloudy over nearly the whole of W. Europe, with rain in some places, and fog in the N. It has been very showery during the past 24 hours, but the largest amounts of rain reported this morning are half an inch at the Seine, and three tenths at Yarmouth and Aberdeen. Thunderstorms have occurred in Scotland. Temperatures show no important change, varying from 55° to 58° in Ireland, Scotland, and the N. of England, while 62° is reported in the SE. counties. The maximum values for yesterday were 70° in London, 71° at Cambridge and 72° at Nottingham. On the W. coast of France they varied from 70° to 73°. Wind is W. over nearly the whole of our islands and the N. parts of France. It is generally light to moderate in force. In Norway and Denmark it is moderate to fresh from SE. Sea is still rather rough in the N. but moderate to smooth elsewhere.

Barometric Indications.— The readings now vary from 30.1 in the S. parts of France, to 29.4 at Shetland. At most stations the depression nearly observed is now found. A very shallow secondary disturbance lies over S. Wales, and is travelling E. but beyond producing some ripples its effect on the weather will probably be slight.

DAILY WEATHER REPORT *August 11th* 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...															*	*	*		
Hernösand ...															*	*	*		
Stockholm ...															*	*	*		
Wisby ...															*	*	*		
Christiansund ...	29.82	62	SE	4	c	29.81	+ .02	67	60	+ 1	ESE	1	c	1	68	57	-		
Skudesnaes ...	29.84	59	SSE	4	s	29.96	+ .23	60	60	- 3	E	2	f	3	63	59	1.38		
Oxö (Xtiansand) ...	29.89	60	ENE	4	f	29.97	+ .17	60	59	+ 2	ENE	2	c	2	63	59	-		
Skagen (The Sæw) ...	29.93	60	SE	2	v	29.98	+ .16	61	60	+ 1	SSE	3	c	2	68	55	-		
Fanö ...	29.91	61	SSW	2	f	29.95	+ .16	71	63	+ 8	Z	0	f	*	?	57	-		
Cuxhaven ...	29.92	?	WSW	2	f	29.95	+ .10	66	63	+ 3	E	1	c	*	4	58	0.19		
Sumburgh Head ...	29.69	54	SSW	3	f	29.89	+ .42	53	53	- 2	N	3	f	3	57	52	0.12		
Stornoway ...	29.74	56	WNW	2	f	30.04	+ .47	53	50	- 3	N	1	c	2	60	49	0.02		
Thurso ...	29.70	57	WSW	2	v	29.98	+ .47	53	52	- 5	W	3	c	3	63	52	0.04		
Wick ...	29.73	58	NW	2	o	29.98	+ .46	53	52	- 5	N	3	c	0	62	52	-		
Nairn ...	29.72	61	W	2	o	29.99	+ .43	55	53	- 2	Z	0	c	1	64	53	0.01		
Aberdeen ...	29.71	59	SE	1	v	29.90	+ .39	57	52	- 1	NNW	2	c	1	61	55	0.15		
Leith ...	29.74	58	N	3	f	29.97	+ .36	52	52	- 5	W	1	f	*	62	51	0.06		
Shields ...	29.72	61	W	4	o	29.97	+ .29	56	54	- 2	NW	2	om	0	68	50	-		
Scarborough ...	29.82	61	? W	1	v	29.96	+ .26	56	53	- 1	NNW	1	c	2	67	52	0.17		
York ...	29.86	61	W	2	c	29.98	+ .25	56	53	- 3	NNW	1	c	*	67	49	-		
Nottingham ...	29.89	59	SW	2	o	30.00	+ .20	61	58	+ 3	Z	0	c	*	64	47	0.02		
Ardrossan ...	29.81	58	NW	3	c	29.98	+ .31	57	54	0	NW	3	f	2	59	54	-		
Greencastle ...	29.84	56	NW	2	c	30.03	+ .33	55	51	- 7	NNE	2	c	*	64	50	0.01		
Donaghadee ...	29.84	58	SSW	2	v	30.04	+ .31	57	54	- 1	W	3	c	2	62	53	-		
Kingstown ...	29.89	62	NNW	4	v	30.06	+ .27	56	53	+ 1	NNW	4	om	3	63	54	-		
Holyhead ...	29.82	58	SW	2	v	30.04	+ .23	57	55	+ 2	NNW	3	c	2	61	54	0.02		
Liverpool (Bidston) ...	29.87	56	W	2	v	30.01	+ .25	52	54	+ 1	NNW	2	c	1	59	55	0.03		
Valencia ...	30.00	64	NNW	2	c	30.11	+ .19	58	55	0	NNW	1	c	2	63	51	0.05		
Roche's Point ...	29.96	61	NNW	3	c	30.10	+ .20	57	54	- 1	NNW	3	c	3	65	51	0.07		
Pembroke ...	29.93	60	W	3	f	30.05	+ .19	58	55	+ 1	NNW	1	f	1	60	54	-		
Portishead ...	29.91	62	W	2	o	30.04	+ .16	59	56	+ 1	NNW	1	c	1	65	57	-		
Scilly ...																			
Plymouth ...	29.97	61	NW	3	f	30.06	+ .17	59	58	- 1	NW	1	om	*	67	57	0.12		
Hurst Castle ...	29.94	62	SW	3	v	30.07	+ .15	?	?	?	W	1	f	2	65	58	0.01		
Dover ...	29.91	60	WSW	4	v	29.96	+ .07	56	54	- 9	NW	3	f	1	64	55	0.09		
London ...	29.89	67	W	2	f	30.00	+ .14	59	55	- 5	NNW	1	om	*	68	51	-		
Oxford ...						30.00	+ .16	59	58	- 1	WNW	1	c	*	68	50	-		
Cambridge ...	29.90	62	SW	1	o	?	?	59	57	- 2	NW	1	c	*	70	51	0.02		
Yarmouth ...	29.86	65	ENE	2	c	29.94	+ .13	61	59	0	NNW	2	c	2	64	58	-		
The Helder ...						29.89	+ .09	62	60	- 2	ESE	1	c	*	*	*	0.04		
Cape Gris Nez ...	29.92	59	WSW	2	f	29.98	+ .08	59	57	- 4	NW	3	c	3	66	57	0.08		
Jersey ...	29.99	60	NNW	4	v	30.08	+ .13	60	58	- 1	NNW	4	c	3	62	56	0.06		
Brest ...	30.13	68	N	3	o	30.19	+ .23	59	58	0	NW	2	f	3	?	55	-		
L'Orient ...	30.11	64	N	3	v	30.17	+ .22	61	57	- 2	NW	3	f	3	70	54	-		
Rochefort ...	30.02	70	WSW	5	o	30.13	+ .08	61	57	- 5	N	4	c	3	70	59	-		
Biarritz ...	30.11	75	NNW	2	o	30.13	+ .05	64	63	- 4	NNE	4	f	3	75	61	0.08		
Corunna ...																			
Brussels ...						29.89	- .03	60		0	NNW	3	c	*	*	*	0.34		
Charleville ...						29.87	- .03	61		0	S	?	c	*	*	*	*		
Paris ...	29.93	66	S	2	f	29.99	- .01	59	*	- 3	NW	3	c	*	*	*	0.20		
Lyons ...						?	?	70	*	+ 1	S	2	c	*	*	*	*		
Toulon ...																			

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.80	63	59	SSW	6	f	5	Valencia ...	29.97	62	58	W	2	c	3
Thurso	29.63	58	57	WSW	2	f	3	Scilly							
Scarborough ...	29.77	64	61	NW	1	o	1	London	29.88	67	62	W	2	om	*
Greencastle ...	29.78	60	62	W	2	v	*	Rocheport ...	30.02	68	66	SW	6	c	5
Holyhead	? 29.85	63	56	W	2	c	2								

The barometer is still rising on all our coasts - most in the N. - and the W. winds is falling very light, with fair weather except at Thurso.

EXPLANATION OF COLUMNS.

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

SUMMARY OF WEATHER IN WESTERN EUROPE

from August 5th to August 11th 1877.

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

The weather during this week has been of a changeable character. The S^{ly} winds, which began to appear at our N^o stations towards the close of last week, spread gradually over the country. During Tuesday night, however, a small well formed depression came in over our S^W stations from the N^o, bringing with it strong S^{ly} to S^W winds and a great deal of rain. This subsequently travelled slowly, first to the N^W, and then to the N^o till on Saturday it passed to the N^o of our Islands and the weather improved. On Friday afternoon another but still less important depression, crossed the N^o parts of France, and had reached Holland by 8 am. on Saturday. The wind drew into N^W, and temperature (which had already been low for several days) became very low over the British Isles generally.

August 5th A considerable change had been effected in the general distribution of pressure over Western Europe, owing to the continued decrease in the N. At 8 am readings varied from 30.4 ins. in Belgium and the N.E. of France to 29.8 ins. at Valencia, and 29.7 ins. over the N. of Sweden, a band of relatively high readings lying between the two last mentioned regions. The S^{ly} wind due to the incoming low pressure was freshening at Valencia and continued to spread more and more over the Kingdom, while a N^W wind, relative to the low pressure in Sweden, was blowing in Norway. Temperature rose and obtained a maximum of 75° to 76° over England during the day. Nottingham reported a maximum of 84°, but this, if correct, must have been purely local. Rain fell in Ireland and a small quantity in Scotland, but in England the weather was dry.

August 6th The barometer was now falling all over the Kingdom, the S^{ly} wind ^{in these Islands} freshened a little, while the wind in Norway was backing to the N^o under the influence of the low pressure advancing from the South-westwards. Cloudy weather became more general; our S.E. coasts, the Netherlands, and E. of France, were, however, still clear. Temperature again rose. During the day heavy rain fell in the N. and N. and showers were general elsewhere. Gradients in the S^W began to get steep, and the wind subsequently rose and blew hard from the S^W on our S^W coast.

August 7th The mercury continued to fall briskly over the United Kingdom, especially in the N. while it rose over Sweden. Very fresh S^{ly} winds blew along our N^o coasts, and more moderate breezes from the same quarter in the E. while a strong S^W wind set in at Llandudno and Lumburg.

The weather had become dull and wet in all parts of the country, but was warm and close in the E. The largest amounts of rain were still reported from our S.W. stations.

August 8th A small but rather deep depression had come in from the N.W. and at 8 am its centre lay near Queenstown Harbour. S.W. gales had been felt in the S.H. as it advanced, and still blew on the coasts of S. Wales, while in the S. of Ireland the wind had shifted to the N.W. In the N. a secondary depression appeared over Scotland, and the S.E. wind rose to a gale between the Shetlands and the S. of Norway. During the day squally S.W. breezes and heavy showers prevailed in all our S.W. countries. By 6 P.M. the centre of the depression was near Milford Haven. Temperature fell as the rainy weather came on.

August 9th The centre of the depression which was growing shallower as it advanced had reached the N.E. coast of England and the barometer had risen very quickly at our N.W. and S.W. stations. In Sweden also it was still rising. Moderate to fresh N.W. winds prevailed in Ireland, and N.W. to S.W. in the S. of England and N.E. of France. In the N. the wind was S.E. to E. and blew strong in the Skager Rack. Temperature changed very little in our Islands but fell several degrees over France; and though showery weather still prevailed, a general tendency to improve was observed in the weather.

August 10th The centre of the depression recently noticed had moved N.W., and now lay off the N. coast of Scotland, so that the barometer had risen on all our coasts, readings became more uniform, the N.W. wind fell light and extended to nearly all parts of the Kingdom, and the weather (though still very cloudy) improved steadily. Temperature remained low, except in the S. of Sweden where it was several degrees higher than on our own coasts. During the day a small and very shallow depression came in over the N. of France, from the N.W., and by 6 P.M. its centre lay a short distance to the E. of Paris.

August 11th The centre of the N.W. depression was passing away to the N.W., while the new one referred to on the 10th had reached Belgium and the N. of Holland. The wind had veered to the N.W. all over our Islands and the N. of France; while E. air was felt along the N. Dutch coast, as well as in the N. of Norway, and calms in Denmark. Temperature was very low for the time of year the sky remained cloudy, and slight showers still fell in many parts of the Kingdom.

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

DAILY WEATHER REPORT

August 12th 1877.

STATIONS.	↑ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 550 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 370 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.34	59	Z	0	6	30.43	+ .11	59	57	- .1	Z	0	f	*	*	*	-	
Hernösand ...	30.28	55	Z	0	6	30.39	+ .10	58	54	- .2	Z	0	f	*	*	*	-	
Stockholm ...	30.17	60	E	6	0	30.24	+ .12	64	60	- .3	E	4	o	*	*	*	-	
Wisby ...	30.11	60	ESE	4	0	30.13	+ .02	66	61	- .5	ESE	4	o	*	*	*	0.16	
Christiansund ...	30.07	64	NNE	1	0	30.13	+ .15	66	59	- .7	SE	3	o	1	72	55	-	
Skudesnaes ...	30.04	60	NNE	1	0	30.15	+ .19	66	62	+ .6	ESF	2	o	1	71	59	-	
Oxö (Klansand) ...	30.05	60	NE	4	0	30.13	+ .40	60	59	0	NE	4	o	2	63	57	-	
Skagen (The Snow) ...	30.04	62	SE	3	0	30.13	+ .15	62	58	+ .4	ESE	3	o	2	73	57	0.12	
Fanö ...	29.98	62	E	2	0	29.98	+ .03	62	59	- .3	ENE	4	o	*	68	59	-	
Cuxhaven ...	29.90	62	E	3	0	29.90	- .05	65	64	- .1	SE	3	o	*	63	63	0.03	
Sumburgh Head ...	30.08	52	N	3	0	30.17	+ .28	51	50	- .2	N	3	m	2	52	48	-	
Stornoway ...	30.10	56	NE	1	0	30.15	+ .11	57	55	+ .2	ESE	1	o	1	58	48	-	
Thurso ...	30.09	54	N	2	0	30.18	+ .20	55	57	+ .2	SSE	1	o	2	61	41	-	
Wick ...	30.12	53	NE	1	0	30.21	+ .23	55	52	+ .3	E	1	o	0	60	42	-	
Nairn ...	30.10	56	SE	1	0	30.16	+ .17	55	57	0	Z	0	o	1	59	50	-	
Aberdeen ...	30.07	56	NNE	3	0	30.15	+ .20	57	53	0	N	2	o	1	60	49	-	
Leith ...	30.06	58	E	1	0	30.15	+ .12	54	52	+ .2	ENE	2	o	*	64	57	0.10	
Shields ...	30.06	55	N	4	0	30.14	+ .17	55	54	- .1	N	3	o	1	58	53	0.01	
Scarborough ...	30.02	58	N	3	0	30.09	+ .13	60	58	+ .2	N	3	o	3	60	55	0.06	
York ...	30.05	60	N	2	0	30.11	+ .13	57	55	+ .2	NNW	1	o	*	69	53	-	
Nottingham ...	30.04	62	NNW	3	0	30.12	+ .14	57	55	- .2	N	3	o	*	70	52	-	
Ardrossan ...	30.07	60	NNW	1	0	30.15	+ .17	58	54	+ .4	E	2	o	1	61	54	-	
Greencastle ...	30.09	58	NE	2	0	30.11	+ .08	54	53	- .1	EVE	2	o	*	61	47	-	
Donaghadee ...	30.10	58	NNE	3	0	30.13	+ .09	55	53	- .2	NE	3	o	2	62	50	-	
Kingstown ...	30.11	60	SE	1	0	30.13	+ .07	58	54	+ .2	E	2	o	1	61	50	-	
Holyhead ...	30.08	57	NNW	3	0	30.10	+ .06	56	55	- .1	S	1	o	0	61	49	-	
Liverpool (Bidston) ...	30.07	58	NNW	2	0	30.11	+ .10	56	53	- .3	WSW	1	o	1	63	57	-	
Valencia ...	30.09	61	WSW	1	0	30.00	- .11	60	57	+ .3	SE	5	o	5	65	49	-	
Roche's Point ...	30.10	60	WSW	2	0	30.07	- .03	60	57	+ .3	SE	3	o	3	63	53	-	
Pembroke ...	30.10	61	WSW	1	0	30.09	+ .04	55	52	- .3	NE	1	o	1	62	50	-	
Portishead ...	30.09	61	WSW	2	0	30.10	+ .09	58	55	- .3	N	2	o	2	65	57	-	
Scilly ...	30.09	60	NNW	1	0	30.08	+ .02	59	57	0	Z	0	o	*	65	50	0.01	
Plymouth ...	30.06	64	NNW	3	0	30.08	+ .01	61	60	- .1	NE	1	o	2	66	53	-	
Hurst Castle ...	30.03	63	NNW	2	0	30.04	+ .08	60	57	+ .3	NNW	3	o	2	65	55	-	
Dover ...	30.05	64	NNW	2	0	30.08	+ .08	56	54	- .2	Z	0	o	*	66	46	-	
London ...	30.02	61	NNW	1	0	30.07	+ .07	57	54	- .3	Z	0	o	*	65	46	-	
Oxford ...	30.02	61	NNW	1	0	30.07	+ .07	57	54	- .3	Z	0	o	*	65	46	-	
Cambridge ...	30.00	62	N	2	0	30.00	+ .06	60	59	- .1	N	3	o	3	65	54	-	
Yarmouth ...	30.00	62	N	2	0	30.00	+ .06	60	59	- .1	N	3	o	3	65	54	-	
The Helder ...	30.00	62	N	2	0	30.00	+ .06	60	59	- .1	N	3	o	3	65	54	-	
Cape Gris Nez ...	30.03	61	N	2	0	30.05	+ .07	61	59	+ .2	N	3	o	2	66	57	-	
Jersey ...	30.13	61	N	3	0	30.10	+ .02	64	57	+ .4	Z	0	o	0	64	53	-	
Brest ...	30.22	72	NNW	3	0	30.14	+ .05	57	54	- .3	SSE	1	o	3	71	50	-	
L'Orient ...	30.15	63	NNW	4	0	30.10	+ .07	57	55	- .2	ENE	3	o	4	70	50	-	
Rocheport ...	30.10	70	NNW	5	0	30.05	- .08	63	59	+ .4	ESE	3	o	3	70	55	-	
Biarritz ...	30.09	75	N	4	0	29.99	- .14	59	52	- .7	ENE	3	o	3	71	55	-	
Corunna ...	30.05	65	NNW	4	0	29.92	- .13	68	58	- .1	NE	3	o	1	68	58	-	
Brussels ...	30.05	65	NNW	4	0	29.97	+ .08	58	58	0	WSW	6	o	8	68	58	0.23	
Charleville ...	30.05	65	NNW	4	0	29.98	+ .11	57	58	0	WSW	3	o	8	68	58	-	
Paris ...	30.05	65	NNW	4	0	30.07	+ .08	55	58	0	NNW	2	o	8	68	58	-	
Lyons ...	30.05	65	NNW	4	0	30.02	+ .03	64	58	- .6	N	3	o	8	68	58	-	
Toulon ...	29.91	73	NNW	5	0	29.88	- .03	64	55	- .9	NNW	5	o	4	79	70	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes ...	30.02	63	62	NNE	2	0	Valencia ...	30.11	63	55	WSW	1	62
Thurso ...	30.06	57	52	N	3	0	Scilly ...						
Scarborough ...	29.99	60	58	NNW	2	0	London ...	30.02	64	57	NNW	1	0
Greencastle ...	30.07	57	52	N	2	0	Rocheport ...	30.12	65	60	NNW	3	0
Holyhead ...	30.08	59	55	NNW	2	0							

The barometer has begun to fall a little at Valencia, and the wind there has backed from NNW to WSW, with fine weather. Elsewhere NW to NNW breeze continues.

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.

DAILY WEATHER REPORT *August 13th* 1877.

STATIONS.	↑ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 W. 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 W. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.45	61	Z	0	bc	30.43	0	63	56	+	4	S	2	bc	*	*	*	-
Hernösand ...	30.44	55	Z	0	bc	30.49	+ .10	60	58	+	2	Z	0	c	*	*	*	-
Stockholm ...	30.31	63	ENE	2	o	30.36	+ .12	69	63	+	5	ENE	2	bc	*	*	*	-
Wisby ...	30.20	62	E	4	bc	30.23	+ .10	66	62	0	0	ESE	6	bc	*	*	*	-
Christiansund ...	30.28	63	NNW	1	bc	30.34	+ .21	63	58	-	3	E	1	c	1	72	55	-
Skudesnaes ...	30.23	64	N	4	bc	30.27	+ .12	69	62	+	3	NNE	4	bc	2	?	64	-
Oxö (Klansand) ...	30.57	64	NE	4	bc	30.25	+ .12	63	60	+	3	NE	5	c	3	64	?	-
Skagen (The Ssaw) ...	30.14	64	E	2	c	30.23	+ .10	64	60	+	2	ESE	4	c	3	70	57	-
Fanö ...	30.07	63	NE	4	c	30.07	+ .09	62	61	0	0	ENE	3	c	*	70	57	0.20
Cuxhaven ...	29.93	?	E	3	o	29.97	+ .07	64	61	-	1	E	3	c	*	66	55	0.04
Sumburgh Head ...	30.26	55	NNW	3	c	30.31	+ .44	55	55	+	4	NE	3	m	2	59	50	0.04
Stornoway ...	30.18	58	NE	1	bc	30.20	+ .05	58	56	+	1	E	3	bc	4	60	50	-
Thurso ...	30.24	56	E	1	bc	30.24	+ .06	59	57	+	4	SSE	2	c	3	63	52	0.02
Wick ...	30.22	55	E	1	o	30.25	+ .04	56	55	+	1	E	1	bc	0	59	52	0.02
Nairn ...	30.21	56	ENE	2	bc	30.23	+ .07	57	55	+	2	Z	0	o	1	60	54	0.01
Aberdeen ...	30.20	57	NNE	2	o	30.20	+ .05	57	56	0	0	NNE	2	c	2	61	55	0.02
Leith ...	30.17	55	E	3	o	30.15	00	56	56	+	2	ENE	3	o	*	62	53	0.02
Shields ...	30.14	58	NNE	3	o	30.13	- .01	58	58	+	3	NE	1	fog	2	60	53	0.02
Scarborough ...	30.09	59	N	3	bc	30.08	- .01	57	57	-	3	NE	2	f	2	62	55	0.02
York ...	30.11	61	N	2	c	30.07	- .04	62	60	+	5	ENE	3	bc	4	65	55	0.02
Nottingham ...	30.08	63	NNE	4	bc	30.03	- .09	62	59	+	5	NE	3	c	*	67	56	0.03
Ardrossan ...	30.14	64	E	3	bc	30.12	- .03	60	58	+	2	E	4	bc	3	67	57	-
Greencastle ...	30.11	64	E	2	c	30.08	- .03	57	56	+	3	E	2	o	*	66	50	-
Donaghadee ...	30.12	60	ENE	3	bc	30.09	- .04	57	57	+	4	E	3	bc	2	63	53	-
Kingstown ...	30.12	63	E	3	bc	30.16	- .07	57	57	+	1	E	3	of	3	63	57	-
Holyhead ...	30.09	60	N	3	c	30.03	- .07	61	60	+	5	ENE	4	c	3	63	55	-
Liverpool (Bidston) ...	30.09	61	N	1	c	30.03	- .08	63	59	+	7	ENE	1	m	1	63	54	-
Valencia ...	29.95	60	ESE	4	c	29.87	- .13	60	60	0	0	ESE	5	c	5	64	56	-
Roche's Point ...	30.02	64	SE	3	c	29.96	- .11	61	57	+	1	SE	5	bc	4	68	57	-
Pembroke ...	30.05	65	ESE	1	bc	29.99	- .10	58	56	+	3	E	1	bc	0	66	54	-
Portishead ...	30.05	64	N	2	o	29.99	- .11	58	57	0	0	N	3	bc	3	71	57	-
Scilly ...	30.05	63	SE	2	bc	29.96	- .12	62	58	+	3	ENE	3	bc	*	69	53	-
Plymouth ...	30.08	65	N	1	c	29.96	- .12	60	60	-	1	NNW	1	o	2	67	58	-
Hurst Castle ...	30.08	65	N	1	c	29.96	- .12	60	60	-	1	NNW	1	o	2	67	58	-
Dover ...	30.00	63	NNW	3	c	29.98	- .16	62	60	+	2	N	3	bc	2	69	60	0.03
London ...	30.04	67	NNW	2	c	29.94	- .14	62	59	+	6	NNE	2	c	*	70	58	-
Oxford ...	30.04	67	NNW	2	c	29.95	- .12	63	58	+	6	N	2	o	*	68	56	-
Cambridge ...	30.04	63	NNW	2	o	29.95	- .12	62	60	+	2	NNE	2	o	*	68	57	0.02
Yarmouth ...	29.98	59	NNW	3	o	29.95	- .05	62	61	+	2	ENE	4	bc	4	62	57	0.14
The Helder ...	30.01	63	N	2	c	29.96	- .11	63	60	+	1	ENE	1	bc	*	*	*	0.12
Cape Gris Nez ...	30.01	63	N	2	c	29.90	- .15	63	61	+	2	N	2	c	2	70	59	0.04
Jersey ...	30.05	64	N	1	bc	29.97	- .13	64	61	0	0	NE	1	bc	1	68	55	-
Brest ...	30.06	70	N	1	bc	29.94	- .20	61	59	+	4	ESE	3	c	3	70	54	-
L'Orient ...	30.02	66	NNW	2	bc	29.89	- .21	61	57	+	4	E	4	m	3	72	55	-
Rochefort ...	29.93	70	NE	3	bc	29.74	- .31	63	59	0	0	E	4	bc	3	72	55	-
Biarritz ...	29.83	77	ENE	4	bc	29.69	- .30	66	63	+	7	SE	4	c	2	81	59	-
Corunna ...	30.00	67	NNW	2	bc	29.95	- .12	59	57	+	4	N	1	bc	*	*	*	-
Brussels ...	30.00	67	NNW	2	bc	29.95	- .12	59	57	+	4	N	1	bc	*	*	*	-
Charleville ...	30.00	67	NNW	2	bc	29.95	- .12	59	57	+	4	N	1	bc	*	*	*	-
Paris ...	30.00	67	NNW	2	bc	29.95	- .12	59	57	+	4	N	1	bc	*	*	*	-
Lyons ...	30.00	67	NNW	2	bc	29.95	- .12	59	57	+	4	N	1	bc	*	*	*	-
Toulon ...	29.85	68	NNW	6	bc	29.93	+ .05	72	66	+	8	NE	2	m	3	79	64	-

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	30.20	68	59	N	2	o	1	Valencia ...			
Thurso ...								Scilly ...			
Scarborough ...								London ...			
Greencastle ...								Rochefort ...	29.99	68	63
Holyhead ...											

EXPLANATION OF COLUMNS.

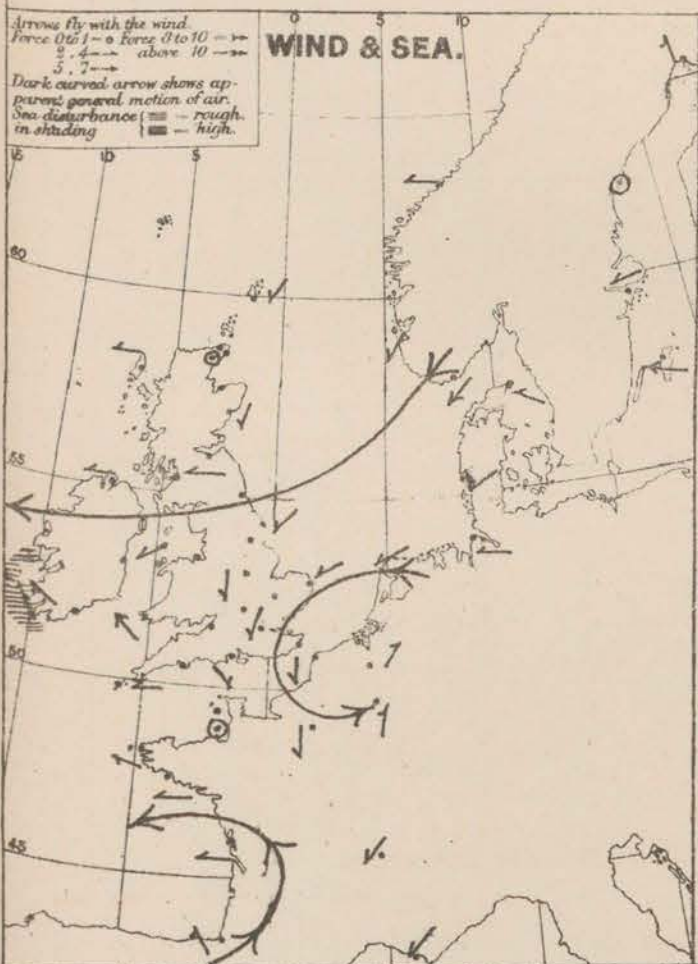
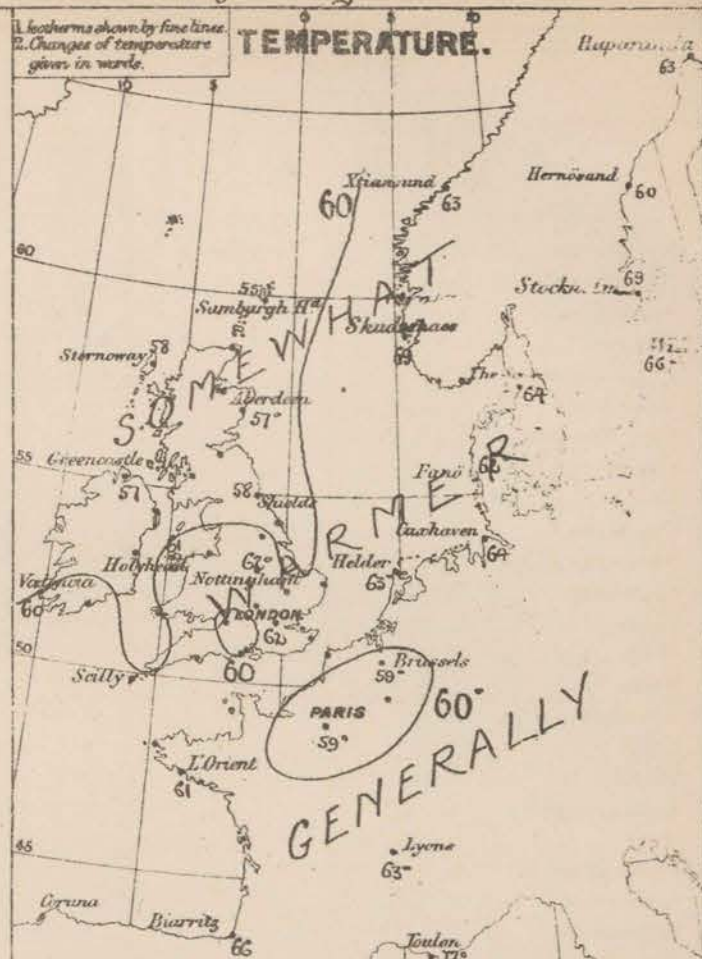
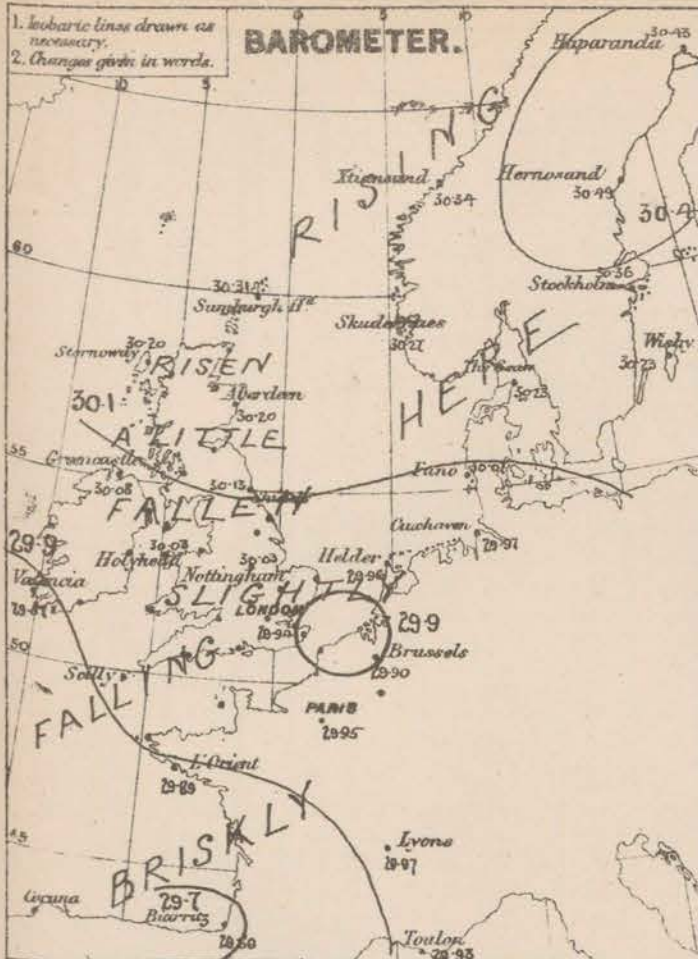
WEATHER—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 August 13. 1877.



REMARKS. Weather is somewhat unsettled. It is dull foggy and damp along our E. coasts, but fine and dry in the West. S. Rain has fallen, in small quantity, at all our NE. and E. stations, and the W. side, but nearly as much, and a half at the latter. Temperature has risen in most places; it is now about 57° in Scotland, 60° in the S. of Ireland, and 62° to 63° in England except on our NE. coast. In the W. of France it varies from 60 to 66°. Winds in light E. and the N. fresh SE. at Valentia, moderate in the Bay of Biscay, light NE. at the E. stations in the St. of Dover it is N. and at Roscoe SW. Sea is moderate in the S. and SE, rather rough off the SW. of Ireland, smooth in the N. and NE.

Barometrical Indications: The barometer still rises at all the N. stations, and is as high as 30.4 in some places, and 30.3 at Birmingham. In the S. and W. it is falling, especially over the Bay of Biscay, and is no lower than 29.8 at Roscoe. The small depression, which lay over Holland on Saturday is travelling slowly to the SW. and is now over the NE. of France. The low pressure in the W. of France appears to be moving NW.

Forecast. The SE. wind on our W. coasts seems likely to increase considerably in strength.

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

DAILY WEATHER REPORT *August 14th 1877.*

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 4 HOURS.		
	Barometer at 350 fms. 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 fms. 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 ...	?	61	Z	0	c	30.21	-.22	64	62	+ 1	SW	2	bc	*	*	*	-	
Hernösand ...	30.42	59	Z	0	c	30.34	-.15	64	60	+ 4	SW	2	bc	*	*	*	-	
Stockholm ...	30.44	61	ENE	1	bc	30.31	-.05	64	62	- 5	NE	2	bc	*	*	*	-	
Wisby ...	30.24	62	E	12	bc	30.19	-.04	67	62	+ 1	SE	4	bc	*	*	*	-	
Christiansund ...																		
Skudesnaes ...	30.26	69	ENE	1	c	30.19	-.08	72	62	+ 3	NE	4	bc	2	75	70	-	
Oxö (Xtiansand) ...	30.24	68	NE	4	bc	30.17	-.08	64	58	+ 1	NE	6	c	3	68	61	-	
Skagen (The Skaw) ...	30.21	65	ESE	3	c	? 30.13	-.10	63	60	- 1	SE	4	c	3	?	59	-	
Fanö ...	30.02	66	ENE	6	f	29.97	-.10	62	61	0	ENE	4	c	*	70	61	0.32	
Cuxhaven ...	30.03	62	E	3	bc	29.91	-.06	65	64	+ 1	E	4	c	*	70	61	0.19	
Sumburgh Head ...	30.30	53	NE	5	f	30.24	-.07	52	52	- 3	NE	6	f	5	58	50	-	
Stornoway ...	30.15	66	E	4	bc	30.11	-.09	60	58	+ 2	E	4	f	4	67	50	-	
Thurso ...	30.23	58	ESE	2	c	30.16	-.08	59	56	0	ESE	3	bc	3	69	59	-	
Wick ...	30.24	57	E	2	bc	30.17	-.08	57	56	+ 1	E	3	c	2	63	53	-	
Nairn ...	30.18	57	ENE	2	bc	30.11	-.12	60	56	+ 3	NE	4	c	3	62	57	-	
Aberdeen ...	30.17	60	ENE	3	c	30.08	-.12	59	57	+ 2	NNE	3	c	2	64	56	-	
Leith ...	30.11	59	E	4	c	30.00	-.15	56	56	0	E	4	c	*	62	55	0.04	
Shields ...	30.06	58	NE	3	f	29.97	-.16	58	57	0	NE	2	f	2	59	56	0.02	
Scarborough ...	30.03	58	ENE	2	c	29.94	-.14	58	57	+ 1	N	2	c	2	58	56	0.07	
York ...	30.02	62	ENE	1	c	29.95	-.13	60	57	- 2	NE	3	bc	2	70	55	-	
Nottingham ...	29.99	63	NE	3	bc	29.91	-.12	59	57	- 3	NE	2	m	*	72	57	-	
Ardrossan ...	30.06	64	E	4	bc	29.98	-.14	61	59	- 1	E	4	c	3	72	59	-	
Greencastle ...	30.02	65	ENE	2	bc	29.94	-.14	62	60	+ 5	E	3	bc	*	70	56	-	
Donaghadee ...	30.03	62	NNE	3	bc	29.94	-.15	58	57	+ 1	NE	3	bc	2	67	56	-	
Kingstown ...	29.97	62	ENE	4	bc	29.89	-.17	60	57	+ 1	E	4	cm	4	64	58	-	
Holyhead ...	29.94	64	ENE	4	bc	29.87	-.16	61	59	0	E	5	cm	4	65	57	-	
Liverpool (Bidston) ...	29.94	65	ENE	3	bc	29.88	-.15	59	57	- 4	ENE	4	m	0	71	58	-	
Valencia ...	29.84	64	E	5	c	29.74	-.13	64	59	+ 2	ESE	3	cm	4	68	59	-	
Roche's Point ...	29.90	63	ESE	5	c	29.80	-.16	62	58	+ 1	E	5	cm	4	68	58	-	
Pembroke ...	29.89	64	Z	0	bc	29.80	-.19	61	58	+ 3	E	1	cm	1	72	58	-	
Portishead ...	29.90	66	N	3	c	29.81	-.18	63	61	+ 5	NNE	4	c	3	71	58	-	
Scilly ...																		
Plymouth ...	29.96	66	ENE	2	bc	29.78	-.18	63	60	+ 1	E	4	c	*	69	58	-	
Hurst Castle ...	29.91	69	NE	1	c	29.79	-.17	62	62	+ 2	E	2	cm	2	69	59	-	
Dover ...	29.86	62	NE	3	c	29.82	-.06	67	62	+ 5	NE	3	bc	2	67	62	-	
London ...	29.89	66	NE	2	c	29.83	-.11	66	62	+ 4	E	2	bc	*	71	60	0.01	
Oxford ...	*	*	*	*	*	29.82	-.23	64	61	+ 1	E	1	c	*	71	59	-	
Cambridge ...	29.91	66	NE	1	c	29.85	-.10	64	62	+ 2	NE	1	bc	*	71	57	-	
Yarmouth ...	29.93	64	ENE	4	bc	29.87	-.08	64	64	+ 2	ENE	3	cm	3	65	60	-	
The Helder ...	*	*	*	*	*	29.86	-.10	65	63	+ 2	ENE	2	bc	*	*	*	-	
Cape Gris Nez ...	29.87	64	NNE	1	bc	29.82	-.08	63	59	0	E	2	bc	1	70	59	-	
Jersey ...	29.86	65	NE	3	bc	29.74	-.23	63	61	- 1	NE	3	cm	3	70	59	-	
Brest ...	29.82	72	ENE	3	c	? 29.81	-.13	63	59	+ 2	ESE	1	c	3	77	59	0.08	
L'Orient ...	29.81	72	E	4	bc	29.76	-.13	61	59	0	E	2	m	2	75	59	0.16	
Rochefort ...	29.73	70	ESE	3	bc	29.83	+ .09	66	64	+ 3	SW	4	c	3	86	53	0.12	
Biarritz ...	29.83	75	WSW	14	c	29.86	+ .07	73	68	+ 7	Z	0	bc	2	95	63	0.04	
Corunna ...	*	*	*	*	*	29.91	+ .15	71	*	+ 1	SW	6	c	1	*	*	*	
Brussels ...	*	*	*	*	*	29.88	-.08	57	*	- 2	SE	3	c	*	*	*	0.04	
Charleville ...	*	*	*	*	*	? 29.76	-.16	57	*	- 2	S	1	c	*	*	*	*	
Paris ...	29.85	72	E	2	c	29.79	-.16	61	*	+ 2	SE	2	c	*	*	*	-	
Lyons ...	*	*	*	*	*	29.85	-.12	72	*	+ 9	SE	2	c	*	*	*	*	
Toulon ...	29.94	72	NNE	2	c	29.95	+ .02	70	64	- 2	E	5	m	5	52	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudeenaes ...	30.26	73	64	ENE	1	c	1	Valencia	29.86	66	56	ESE	6	c	6
Thurso	30.25	67	62	ESE	2	bc	4	Scilly							
Scarborough ...	30.03	57	57	NNE	2	m	3	London	29.91	66	61	ENE	3	bc	*
Greencastle ...	30.05	66	62	E	2	c	*	Rochefort ...	29.73	86	70	ESE	3	bc	3
Holyhead	29.99	67	62	ENE	5	bc	4								

The barometer is still falling slowly in the S. and N., but is steady in the E. The winds has freshened a little from ESE at Valencia, and ENE at Holyhead, while it has veered to ENE in the SE of England with slight showers. Hardly any other change is reported.

EXPLANATION OF COLUMNS.

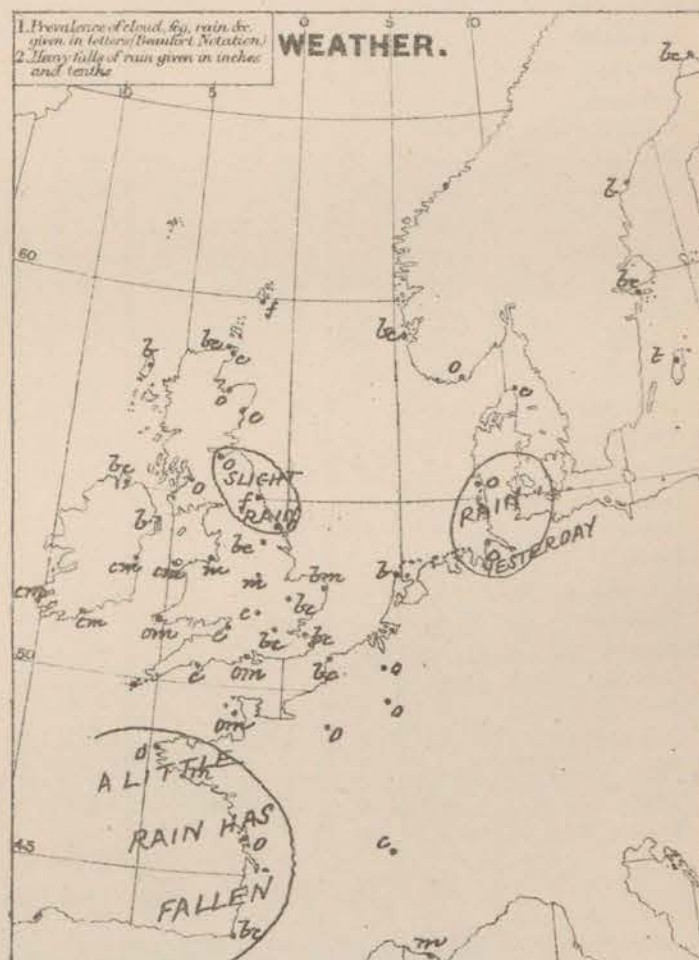
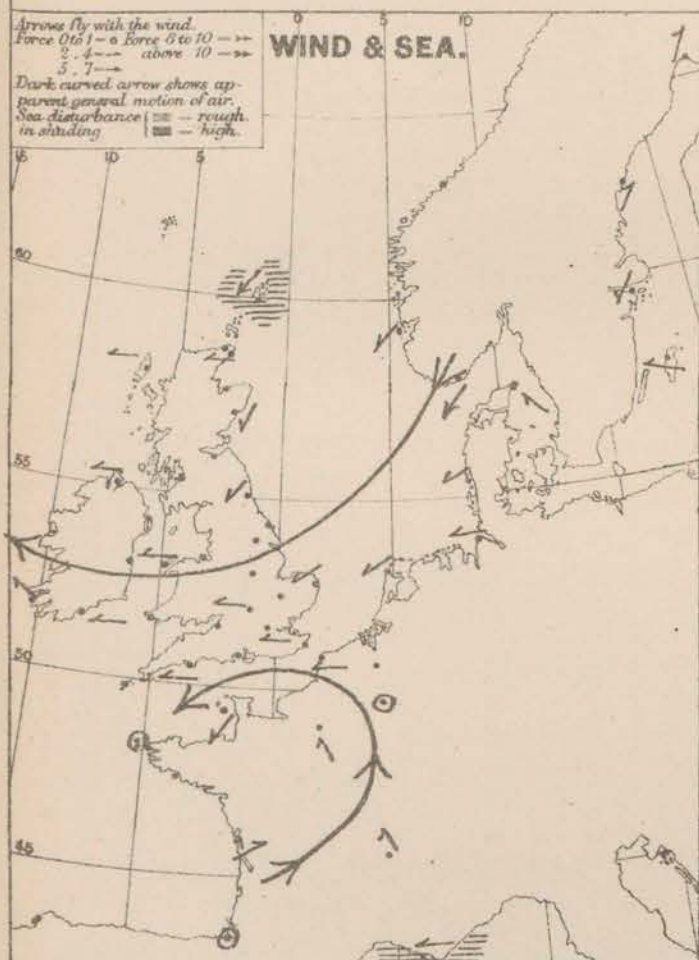
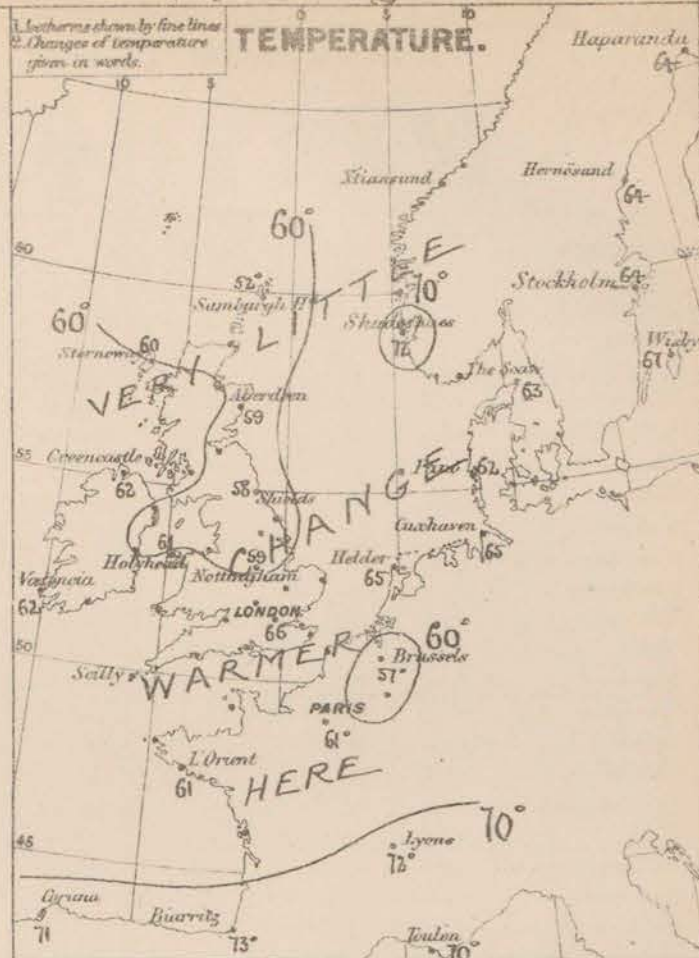
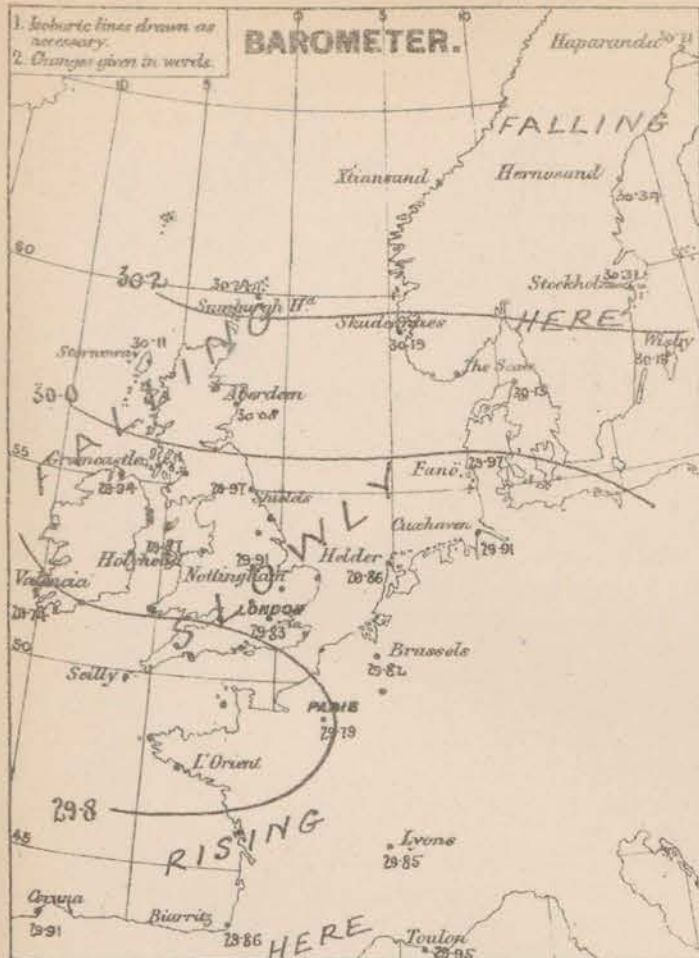
WEATHER.—Beaufort; Beale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

† The evening observations are taken at 6 p.m. in our Islands, at 3 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Tuesday 14 August 1877.



REMARKS. Weather is overcast in all parts of our Islands and France, though the sky remains rather cloudy, with fog or haze in many places. Rain fell on our NE. coasts, in London, and in the SW. of France yesterday, but in all cases the amount was small. Temperature has undergone little change, except in the S. of England, where it has risen. It varies from 68° to 62° in our Islands, and all the N. parts of Great Britain, but is as high as 66° in London, and 67° at Dover. In the N. of France it is 68°, and in the S. 73°. Wind is E. or all our coasts, and light to moderate in force. In the SW. of France it has shifted to the SW. Sea is moderate in the SW, and smooth, or nearly so, in almost all other places. In the far N., however, it is rather rough.

Barometrical indications.
The barometer is highest at the N. station, and lowest over the NW. of France, and south of the Channel. The gradient for E. winds in our Islands being moderate. The mercury is falling in all parts of the United Kingdom, but has begun to rise in the SW. of France (where the SW. breeze is reported this morning).

DAILY WEATHER REPORT *August 15th* 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 330 ft. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 330 ft. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...																		
Hernösand ...																		
Stockholm ...																		
Wisby ...																		
Christiansund ...	29.19	56	NE	3	bc	30.08	- .89	55			NE	4	f	2	57	52	-	
Skudesnaes ...	30.04	69	E	2	o	29.96	- .08	71	61	- 1	NE	6	bc	2	75	68	-	
Oxö (Stiansand) ...	30.07	63	NNE	4	o	29.98	- .09	64	60	0	NE	6	bc		66	59	-	
Skagen (The Seaw) ...	30.04	66	ESE	2	o	29.97	- .07	64	60	+ 1	ESE	2	c	2	72	59	0.04	
Fanö ...	29.85	65	E	4	o	29.82	- .03	65	63	+ 3	ESE	4	c	*	73	61	-	
Cuxhaven ...	29.85	65	SE	3	bc	29.86	- .01	68	66	+ 3	SSW	2	c	*	68	61	0.43	
Sumburgh Head ...	30.13	54	NE	6	f	30.00	- .13	55	52	+ 3	NE	6	f	6	56	51	0.01	
Stornoway ...	30.04	59	E	5	o	29.92	- .12	55	55	- 5	NE	5	f	5	63	53	0.06	
Thurso ...	30.08	55	E	2	f	29.93	- .15	55	55	- 4	E	2	o	3	63	53	0.26	
Wick ...	30.07	56	E	2	f	29.92	- .15	55	55	- 2	ENE	3	o	3	59	53	0.20	
Nairn ...	30.04	57	NE	4	bc	29.92	- .12	55	52	- 5	NE	2	d	3	63	55	0.09	
Aberdeen ...	29.98	57	NNE	3	f	29.86	- .12	57	56	- 2	NNE	1	f	2	61	56	0.69	
Leith ...	29.92	56	E	4	f	29.82	- .10	58	58	+ 2	WSW	1	o	*	66	52	0.08	
Shields ...	29.92	57	NE	1	f	29.87	- .05	56	56	- 2	Z	0	f	2	59	56	-	
Scarborough ...	29.89	59	ENE	1	o	29.89	- .00	55	55	- 3	ESE	1	f	2	60	55	-	
York ...	29.88	65	E	1	bc	29.89	- .01	60	58	0	SE	1	o	4	73	55	-	
Nottingham ...	29.85	66	NE	4	o	29.91	- .06	60	60	+ 1	E	1	f	*	70	57	0.02	
Ardrossan ...	29.89	63	E	4	o	29.87	- .02	63	60	+ 2	ENE	2	bc	1	68	57	-	
Greencastle ...	29.87	65	ENE	3	bc	29.82	- .05	59	58	- 3	E	1	om	*	71	55	-	
Donaghadee ...	29.87	61	NE	1	bc	29.86	- .01	58	57	0	ESE	2	f	1	65	57	-	
Kingstown ...	29.85	63	Z	0	o	29.82	- .03	60	59	0	SE	1	f	1	65	58	0.04	
Holyhead ...	29.82	64	ENE	4	bc	29.85	- .03	60	59	- 1	SSW	2	m	1	57	57	0.04	
Liverpool (Bidston) ...	29.82	66	E	1	o	29.86	- .04	61	59	+ 2	SE	2	c	1	71	58	-	
Valencia ...	29.75	61	SE	2	o	29.81	+ .06	60	58	- 2	SSE	4	c	4	65	57	0.05	
Roche's Point ...	29.80	62	ESE	5	f	29.82	+ .02	62	60	0	SW	2	bc	3	66	59	0.42	
Pembroke ...	29.87	65	Z	0	o	29.87	+ .00	61	60	0	S	1	om	1	68	60	0.01	
Portishead ...	29.87	68	Z	0	m	29.88	+ .01	64	62	+ 1	SSE	2	bc	2	74	59	-	
Scilly ...																		
Plymouth ...	29.82	67	Z	0	o	29.91	+ .09	63	61	0	Z	0	om	*	73	61	-	
Hurst Castle ...	29.80	67	SSE	2	m	29.96	+ .16	64	63	+ 2	WSW	2	o	2	72	60	-	
Dover ...	29.80	67	NNE	2	bc	29.93	+ .13	64	62	- 3	SW	2	c	1	70	63	-	
London ...	29.80	73	E	2	bc	29.93	+ .13	62	61	- 4	S	1	o	*	81	56	-	
Oxford ...						29.90	+ .10	63	62	- 1	SE	1	f	*	73	59	0.40	
Cambridge ...	29.83	63	N	1	bc	29.93	+ .10	65	60	+ 1	N	1	f	*	75	56	0.08	
Yarmouth ...	29.82	64	NE	2	bc	29.91	+ .09	61	60	- 3	Z	0	bc	2	65	57	-	
The Helder ...						29.86	0.00	63	61	- 2	NNW	1	c	*			-	
Cape Gris Nez ...	29.80	66	NE	2	bc	29.95	+ .15	63	59	0	SW	2	o	1	72	62	-	
Jersey ...	29.83	64	N	1	o	29.99	+ .16	63	62	0	SW	1	o	1	72	59	0.01	
Brest ...	29.93	70	N	1	o	30.02	+ .09	61	59	- 2	SW	3	m	4	?	59	-	
L'Orient ...	29.89	64	NNW	4	m	30.04	+ .15	64	63	+ 3	WSW	3	m	3	72	59	0.04	
Rochefort ...	29.98	72	N	5	bc	30.05	+ .07	68	66	+ 2	SW	3	o	3	79	59	-	
Biarritz ...	30.02	77	NNW	2	bc	30.04	+ .02	66	64	- 7	E	1	bc	3	86	61	-	
Corunna ...																		
Brussels ...																		
Charleville ...						29.90	+ .10	63		+ 6	SW	3	o	*			0.04	
Paris ...	29.81	87	SW	3	c	30.01	+ .20	64		+ 3	SW	3	c	*			0.12	
Lyons ...						30.02	+ .17	68		+ 4	NN	2	bc	*				
Toulon ...	29.97	75	E	2	bc	30.02	+ .05	75		+ 5	Z	0	m	3	81	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.15	75	62	NE	2	c	2	Valencia	29.75	64	60	ESE	3	ag	3
Thurso	30.13	58	56	E	4	of	3	Scilly							
Scarborough ...	29.91	60	59	NNE	1	of	3	London	29.79	74	64	E	3	bc	*
Greencastle ...	29.90	66	62	ENE	3	bc	*	Rochefort ...	29.91	70	68	N	5	c	5
Holyhead	29.84	65	62	ENE	3	om	3								

No important change.

EXPLANATION OF COLUMNS.

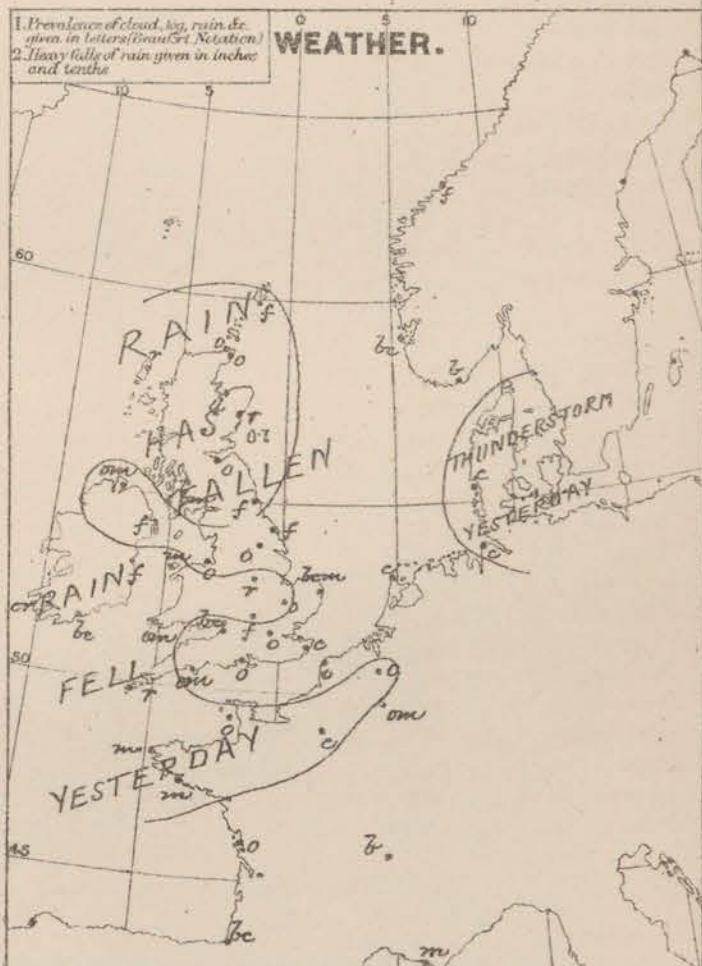
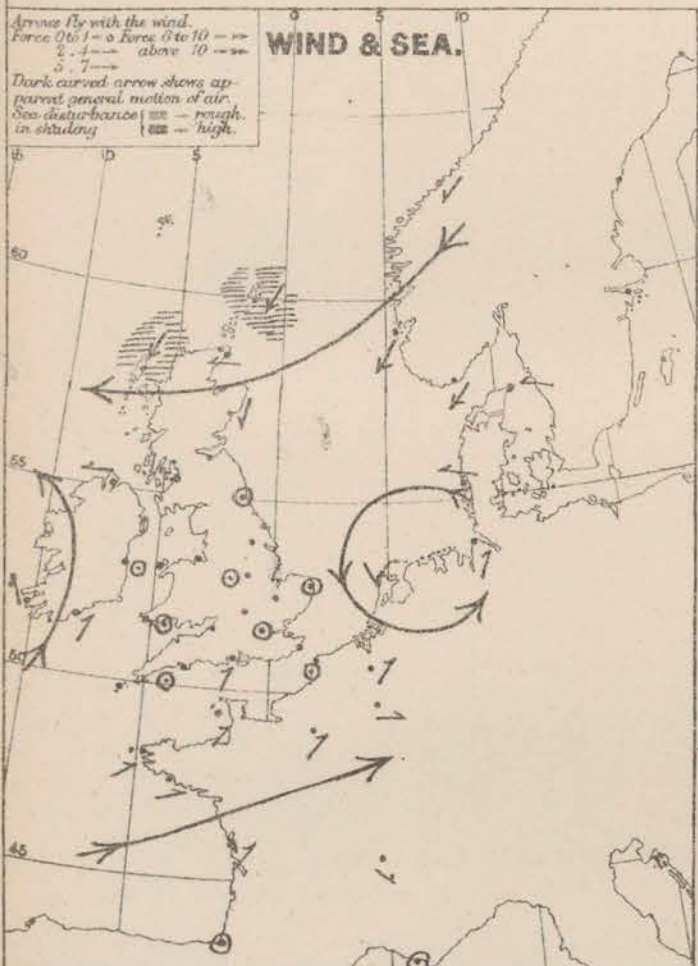
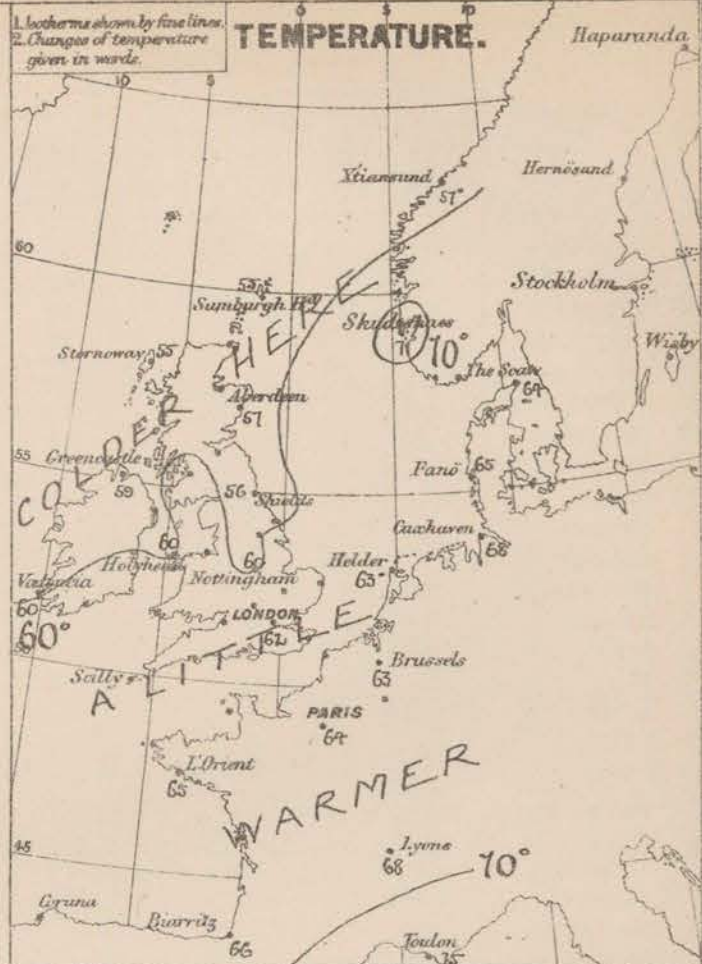
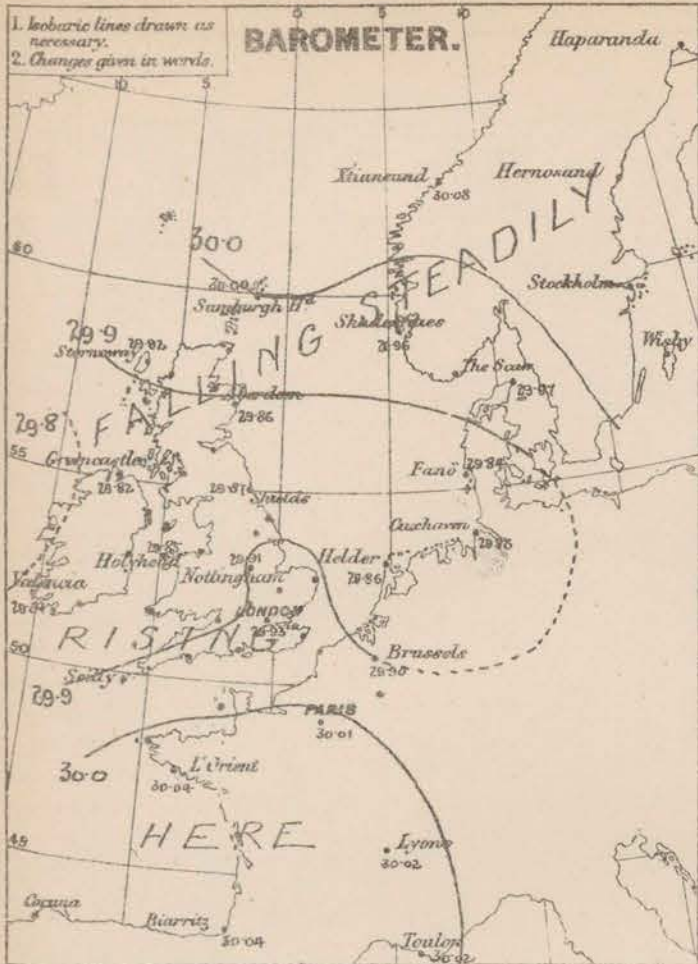
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Aug¹⁵ 1877.



REMARKS. Weather is changeable over the United Kingdom, the sky being clear at a few stations, but cloudy or foggy generally, with rain at several of the W. and N. ports. Rain has fallen in the N. and W. At Aberdeen nearly 0.7 in. was measured this morning, at Perth 0.4, at Dundee 0.4 in., and in Caithness a quarter of an inch. Elsewhere the fall has been very trifling. Temperature does not differ much from that reported yesterday morning, except in the SE, where it has fallen. It is about 55° in the N. and counties of Scotland, and NE. of England, 60 to 64° over the S. parts of England and Ireland, 68° at Rochefort and Lyons, and 70° at Toulon. During yesterday it attained a maximum of 65° at Toulon, and 81° at Toulon and in London; over the greater part of our island countries, however, it varied from 70 to 75°. Winds is fresh from NE. at all the west N. stations, light from SW. to W. in France, and the Channel. Over England, and Ireland variable airs are reported, but at Valencia a moderate SSE breeze prevails. Sea is rough in the far N. and off the W. of Ireland, smooth elsewhere.

Barometrical Indications. The barometer is rising steadily in France, and the S. of our Islands, but falling in all the north N. regions. In the N. of Scotland it has gone down a quarter of an inch in yesterday. A large, shallow area of low pressure lies to the W. of Ireland, while the small depression recently noticed in the S. has returned to the N. of Holland.

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

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

DAILY WEATHER REPORT

August 16th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRE.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dirco.	Force. (0 to 13).		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 13).			Max.	Min.		
Haparanda ...	29.96	57	Z	0	bc	29.89	- .26	46	41	- 4	N	6	f	*	*	*	-	
Hernösand ...	29.96	63	SW	2	bc	29.89	- .26	60	54	- 3	NE	2	f	*	*	*	-	
Stockholm ...	29.99	62	Z	0	bc	29.88	- .23	63	60	- 5	Z	0	f	*	*	*	-	
Wisby ...	29.99	62	SE	4	bc	29.86	- .22	66	62	- 3	SE	6	o	*	*	*	-	
Christiansund ...	30.02	55	NE	6	f	29.95	- .13	54	49	- 3	NE	6	f	3	63	46	-	
Skudesnaes ...	29.89	64	N	2	o	29.78	- .18	62	61	- 9	NE	2	p	1	77	?	0.20	
Oxö (Klansand) ...	29.91	63	NE	4	o	29.78	- .20	62	61	- 2	ENE	2	o	2	66	59	-	
Skagen (The Seaw) ...	29.89	64	SE	3	o	29.80	- .17	63	62	- 1	S	3	m	2	70	59	0.08	
Fanö ...	29.23	68	WSW	4	t	29.83	- .01	63	60	- 2	WSW	5	p	*	74	61	0.52	
Cuxhaven ...	29.86	62	SW	3	t	29.94	+ .08	65	64	- 3	WSW	3	o	*	73	61	0.08	
Sumburgh Head ...	29.96	55	NE	6	f	29.85	- .15	54	53	- 1	NE	6	o	6	59	52	-	
Stornoway ...	29.83	58	NE	5	o	29.85	- .07	58	57	+ 3	ENE	1	o	4	59	53	0.14	
Thurso ...	29.88	57	E	1	o	29.86	- .07	54	54	- 1	ENE	1	p	2	59	54	0.30	
Wick ...	29.88	55	E	1	f	29.85	- .07	54	54	- 1	ENE	1	f	1	59	53	0.09	
Nairn ...	29.86	57	ENE	1	o	29.86	- .06	56	55	+ 1	Z	0	of	0	63	55	0.26	
Aberdeen ...	29.84	58	E	1	m	29.82	- .04	57	56	0	NNW	1	o	0	61	55	0.06	
Leith ...	29.82	60	E	1	o	29.84	00	55	55	- 3	Z	0	f	*	66	54	0.05	
Shields ...	29.87	62	SW	1	f	29.87	00	61	59	+ 5	SW	3	om	1	63	55	-	
Scarborough ...	29.89	59	ESE	1	o	29.88	- .01	64	61	+ 9	WSW	1	bc	1	65	55	-	
York ...	29.90	62	NNW	1	p	29.90	+ .01	55	55	- 5	SW	1	f	*	67	52	0.14	
Nottingham ...	29.91	63	WSW	1	c	29.92	+ .01	59	58	- 1	N	1	f	*	74	52	0.03	
Ardrossan ...	29.83	68	SW	1	c	29.85	- .02	62	60	- 1	ESE	1	om	0	72	59	-	
Greencastle ...	29.80	65	E	1	o	29.80	- .02	60	59	+ 1	S	1	o	*	69	55	0.04	
Donaghadee ...	29.84	64	SE	1	f	29.84	- .02	61	60	+ 3	S	3	bc	1	64	56	0.01	
Kingstown ...	29.83	65	S	2	bc	29.85	+ .01	60	59	0	SE	2	sgwy	2	65	57	0.81	
Holyhead ...	29.87	63	SSW	3	bc	29.88	+ .03	61	60	+ 1	SSW	2	t	1	68	59	0.03	
Liverpool (Bidston) ...	29.88	66	NNW	1	o	29.89	+ .03	63	60	+ 2	SE	1	bc	1	70	58	0.02	
Valencia ...	29.82	63	SSE	3	c	29.74	- .07	59	58	- 1	NNE	1	p	1	66	56	0.82	
Roche's Point... ..	29.85	65	SW	2	bc	29.74	- .08	61	60	- 1	ESE	4	c	4	70	59	0.68	
Pembroke ...	29.90	63	SSW	1	c	29.84	- .03	60	59	- 1	SE	2	cf	2	68	58	0.04	
Portishead ...	29.91	69	SE	3	t	29.91	+ .03	61	60	- 3	SSW	3	c	3	72	57	0.38	
Scilly ...	29.94	65	SE	2	bc	29.91	00	63	62	0	S	2	o	*	68	61	0.28	
Plymouth ...	29.96	65	N	2	o	29.95	- .01	64	63	0	S	2	o	2	67	59	-	
Hurst Castle ...	29.97	64	SW	3	bc	29.97	+ .04	69	64	+ 5	SSW	1	bc	1	69	61	-	
Dover ...	29.94	73	SW	2	bc	29.96	+ .03	69	65	+ 7	WSW	1	c	*	81	57	-	
London ...	29.91	63	S	1	t	29.95	+ .05	62	59	- 1	S	1	o	*	74	58	-	
Oxford ...	29.91	63	S	1	t	29.94	+ .01	62	61	- 3	SW	1	o	*	71	55	0.07	
Cambridge ...	29.93	65	S	1	c	29.93	+ .02	61	59	0	N	2	om	2	69	58	0.03	
Yarmouth ...	29.93	65	S	1	c	29.93	+ .07	64	63	+ 1	SSW	1	c	*	69	58	-	
The Helder ...	29.98	64	WSW	3	bc	29.98	+ .03	64	63	+ 1	SW	1	c	0	68	61	-	
Cape Gris Nez ...	29.99	67	Z	0	bc	30.00	+ .01	63	62	0	SW	1	c	1	71	59	-	
Jersey ...	30.00	72	SSW	2	m	30.01	- .01	63	61	+ 2	SSW	3	o	3	71	61	-	
Brest ...	30.04	66	SSW	2	m	30.01	- .03	63	63	- 1	SSW	2	m	3	72	59	-	
L'Orient ...	29.99	73	NNW	3	bc	29.99	- .06	70	66	+ 2	ESE	3	bc	3	77	57	-	
Rochefort ...	29.95	75	NNW	1	o	29.95	- .09	70	68	+ 4	SSW	1	c	3	79	64	-	
Biarritz ...	29.95	75	NNW	1	o	29.95	- .09	70	68	+ 4	SSW	1	c	3	79	64	-	
Corunna ...	29.99	71	SW	2	bc	30.01	00	67	67	+ 3	SSE	3	bc	*	*	*	-	
Brussels ...	29.99	71	SW	2	bc	30.01	00	67	67	+ 3	SSE	3	bc	*	*	*	-	
Charleville ...	29.99	71	SW	2	bc	30.01	00	67	67	+ 3	SSE	3	bc	*	*	*	-	
Paris ...	29.99	71	SW	2	bc	30.01	00	67	67	+ 3	SSE	3	bc	*	*	*	-	
Lyons ...	29.99	71	SW	2	bc	30.01	00	67	67	+ 3	SSE	3	bc	*	*	*	-	
Toulon ...	29.99	71	SW	2	bc	30.01	00	67	67	+ 3	SSE	3	bc	*	*	*	-	
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.																		
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.					
Skudesnaes ...	29.91	76	64	Z	o	1	Valencia ...	29.83	64	60	SSW	2	c	3				
Thurso ...	29.90	57	56	E	2	3	Scilly ...											
Scarborough ...	29.90	65	61	SW	1	2	London ...	29.93	74	65	SSW	2	bc	*				
Greencastle ...	29.82	66	62	E	1	*	Rochefort ...	30.05	73	66	NNW	3	bc	3				
Holyhead ...	29.87	66	64	SSW	2	om	2											

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.91	76	64	Z	0	1	Valencia ...	29.83	64	60	SSW	2	c	3
Thurso	29.90	57	56	E	2	3	Scilly							
Scarborough ...	29.90	65	61	SW	1	2	London	29.93	74	65	SSW	2	bc	*
Greencastle ...	29.82	66	62	E	1	0	Rochefort ...	30.05	73	66	NN	3	bc	3
Holyhead	29.87	66	64	SSW	2	om								

The S.W. wind is gradually spreading over the country, but no other change is reported.

EXPLANATION OF COLUMNS.

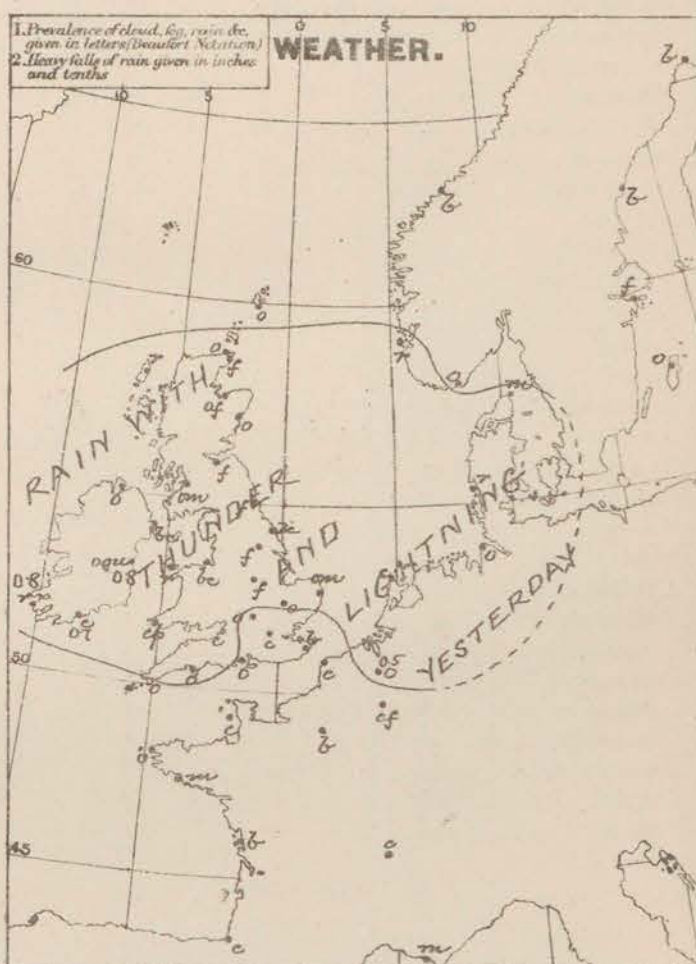
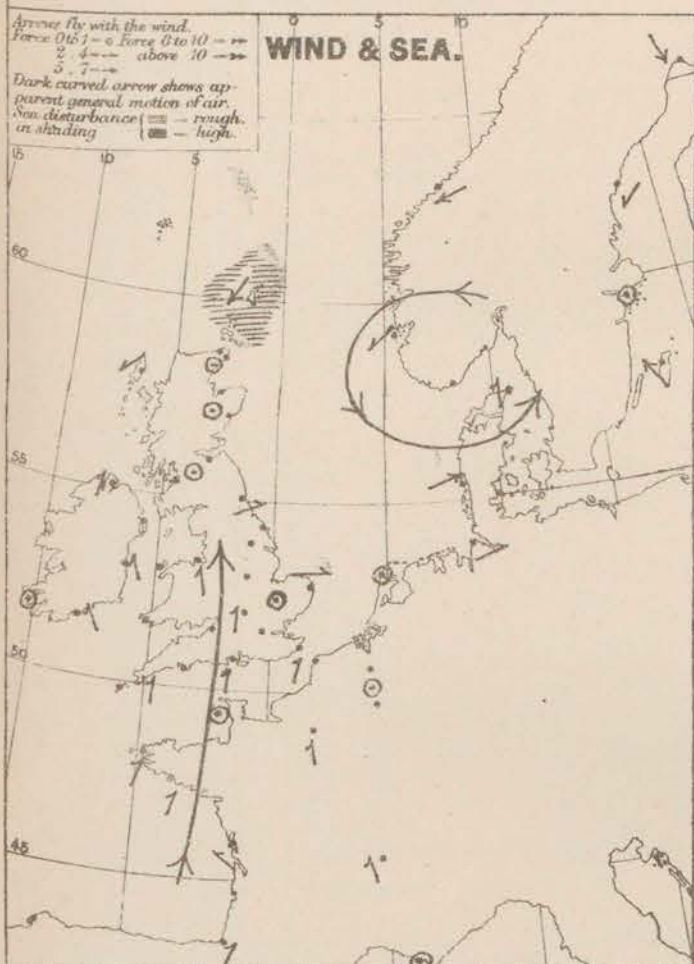
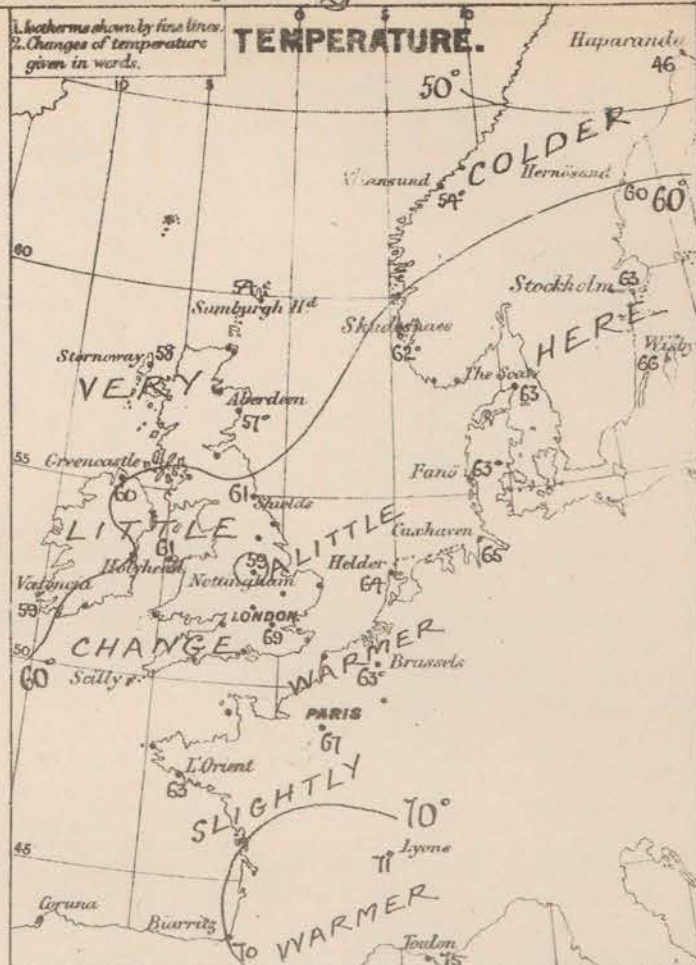
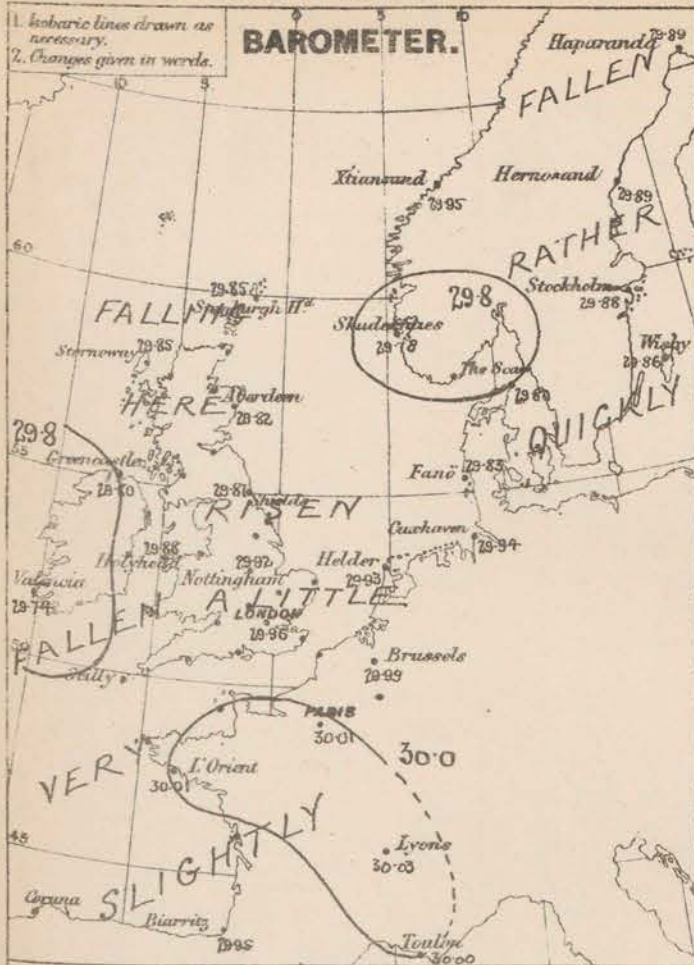
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

WEATHER CHARTS for 8 a.m. on Thursday August 16th 1877.



REMARKS. Weather is now gradually clearing at our SE stations, and some parts of France, very cloudy elsewhere, with rain or rain clouds over parts of our W and N coasts. Rain has fallen, heavily at several of our W stations, and a smaller quantity in Scotland. At Hingham and Valparaiso it is 0.5 in. at Rocher 0.4 in. and at Fathhead 0.4 in. Thunderstorms have occurred almost all over England, as well as at Fano (W coast of Denmark). Temperature remains rather low in the N, but has risen considerably over our SE coasts. It now varies from 54° to 57° in Scotland, about 60° in Ireland, and 69° at Dover and in London. During yesterday it rose to 86° at London, and 81° in London. At Nottingham and Oxford, however, it only reached 74°, and Cambridge 71°. Wind remains NE at the extreme N stations, and blows strongly at 21° and 22° at Edinburgh, N. B. over the greater part of the British Isles, however, and in the N. of France it is variable from the S, where it is W to NW at the SE stations. Sea remains rough in the far N, and moderate off our SW coasts, but is smooth or nearly so elsewhere.

Barometrical Indications.
The barometer is steadily generally. It has risen a little at the SE stations, but fallen elsewhere. A shallow area of low pressure is found in the W, and the small depression which was recently noticed in the S and SE has reached the Azores, and S. of Norway.

DAILY WEATHER REPORT

August 17th 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 ...														*	*	*		
Hernösand ...														*	*	*		
Stockholm ...														*	*	*		
Wisby ...														*	*	*		
Christiansund ...	29.90	57	NE	6	b	29.85	-.10	57	44	-3	E	5	b	4	55	43	-	
Skudesnaes ...																		
Oxö (Xtiansand) ...	29.67	59	NE	2	b	29.62	-.16	59	59	-3	?	4	t	3	63	57	-	
Skagen (The Seaw) ...	29.75	59	WSW	3	o	29.60	-.20	60	58	-3	WSW	4	o	4	65	55	0.05	
Fanö ...	29.83	62	WSW	4	o	29.76	-.07	64	62	+1	WSW	4	c	*	66	61	-	
Cuxhaven ...	29.93	61	N	2	b	29.87	-.07	65	63	0	SW	2	b	*	70	63	0.04	
Sumburgh Head ...	29.81	54	NE	6	o	29.83	-.02	52	47	-2	NE	6	o	6	56	50	-	
Stornoway ...	29.85	55	NE	4	o	29.91	+.06	54	51	-4	ENE	5	o	3	60	59	0.04	
Thurso ...	29.84	54	ENE	2	o	29.88	+.02	52	49	-2	NNE	4	o	4	56	57	0.22	
Wick ...	29.82	54	NNE	3	f	29.88	+.03	52	49	-2	NN	2	o	2	54	49	0.13	
Nairn ...	29.85	57	NE	2	o	29.87	+.02	52	51	-4	NE	2	o	4	58	52	0.10	
Aberdeen ...	29.79	60	N	1	o	29.80	-.02	54	52	-3	N	3	o	1	65	53	-	
Leith ...	29.77	67	N	2	b	29.81	-.03	56	55	+1	SE	1	o	*	72	54	-	
Shields ...	29.81	65	SSW	2	b	29.83	-.04	56	55	-5	N	2	om	2	66	55	-	
Scarborough ...	29.82	65	WSW	1	o	29.81	-.07	59	57	-5	N	1	o	2	66	59	0.14	
York ...	29.83	67	S	1	o	29.85	-.07	60	58	+5	WSW	1	c	*	75	53	0.14	
Nottingham ...	29.86	65	WSW	1	c	29.87	-.05	65	60	+6	NNN	3	b	*	76	54	0.04	
Ardrossan ...	29.80	66	N	2	b	29.81	-.04	58	57	-4	S	1	of	0	68	55	-	
Greencastle ...	29.78	66	E	2	b	29.84	+.04	59	58	-1	NN	1	o	*	71	52	-	
Donaghadee ...	29.81	61	S	3	b	29.83	-.01	61	59	0	N	2	b	1	64	59	-	
Kingstown ...	29.77	62	SSE	4	c	29.87	+.02	61	59	+1	NNN	4	cm	3	62	57	0.30	
Holyhead ...	29.80	62	SSW	3	m	29.84	-.04	59	58	-2	N	2	m	1	66	57	0.24	
Liverpool (Bidston) ...	29.80	63	SE	1	c	29.84	-.05	61	58	-2	SW	1	o	1	69	56	0.09	
Valencia ...	29.85	60	NN	3	b	29.93	+.19	59	58	0	?ESE	2	b	3	62	52	0.27	
Roche's Point ...	29.81	61	NNN	4	b	29.93	+.19	58	56	-3	N	1	b	2	67	54	0.25	
Pembroke ...	29.85	62	SW	5	c	29.91	+.07	60	58	0	N	4	b	3	65	59	0.02	
Portishead ...	29.89	64	SW	3	t	29.94	+.03	61	58	0	SW	4	c	2	71	56	0.13	
Scilly ...																		
Plymouth ...	29.92	64	SW	3	o	29.99	+.08	61	59	-2	SW	3	c	*	70	55	0.01	
Hurst Castle ...	29.92	64	SW	3	c	30.00	+.05	64	63	0	N	3	b	3	67	58	0.01	
Dover ...	29.95	65	WSW	3	b	29.97	.00	68	61	-1	WSW	3	b	3	70	59	-	
London ...	29.91	69	SW	2	c	29.97	+.01	62	58	-7	NNN	2	b	*	75	54	-	
Oxford ...	*	*	*	*	*	29.93	-.02	61	58	-1	SW	1	o	*	72	54	0.08	
Cambridge ...	29.90	61	SW	1	t	29.90	-.04	61	59	-1	WSW	1	b	*	75	57	-	
Yarmouth ...	29.89	68	SW	1	c	29.88	-.05	62	58	+1	WSW	3	fm	2	72	56	0.08	
The Helder ...	*	*	*	*	*	29.85	-.08	64	63	0	SW	2	c	*	*	*	0.05	
Cape Gris Nez ...	29.94	64	SW	1	o	30.00	+.02	61	59	-3	N	4	b	3	72	59	-	
Jersey ...	29.99	63	N	3	b	30.07	+.07	63	61	0	SW	3	c	3	69	58	-	
Brest ...	30.09	73	N	2	b	?30.13	+.12	61	61	-2	SW	2	b	3	?	59	-	
L'Orient ...	30.04	64	N	2	o	30.10	+.09	59	59	-4	E	2	m	2	72	55	0.04	
Rochefort ...	30.00	72	NN	3	b	30.07	+.08	68	64	-2	N	3	b	3	79	59	-	
Biarritz ...	30.03	75	SE	3	o	30.05	.10	70	68	0	ENE	1	c	3	75	66	-	
Cerunna ...	*	*	*	*	*									*	*	*	*	
Brussels ...	*	*	*	*	*	29.95	-.04	62	*	-1	SSW	6	b	*	*	*	0.18	
Charleville ...	*	*	*	*	*	?29.95	-.02	59	*	-2	SSE	1	of	*	*	*	*	
Paris ...	29.95	72	ENE	3	o	30.04	+.03	62	*	-5	NN	4	o	*	*	*	0.16	
Lyons ...	*	*	*	*	*	30.03	.00	74	*	+3	N	1	b	*	*	*	*	
Toulon ...	29.97	77	N	3	b	29.99	-.01	77	68	+2	N	2	m	2	88	73	-	

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

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.	
Skudesnaes ...	29.70	70	64	Z	o	1	Valencia	29.80	60	59	NNN	3	o	3
Thurso	29.86	55	54	ENE	2	of	Scilly							
Scarborough ...	29.86	60	58	E	1	c	London	29.92	72	65	SSW	2	c	*
Greencastle ...	29.80	65	62	SE	1	o	Rochefort ...	29.99	73	70	NN	2	bc	3
Holyhead	29.83	66	64	SSE	3	c								

The barometer has begun to rise again in Ireland, and the shallow area of low pressure in that region seems to be moving slowly to NE. In London the wind has backed to S. and a slight shower passed over about 1 P.M.

EXPLANATION OF COLUMNS.

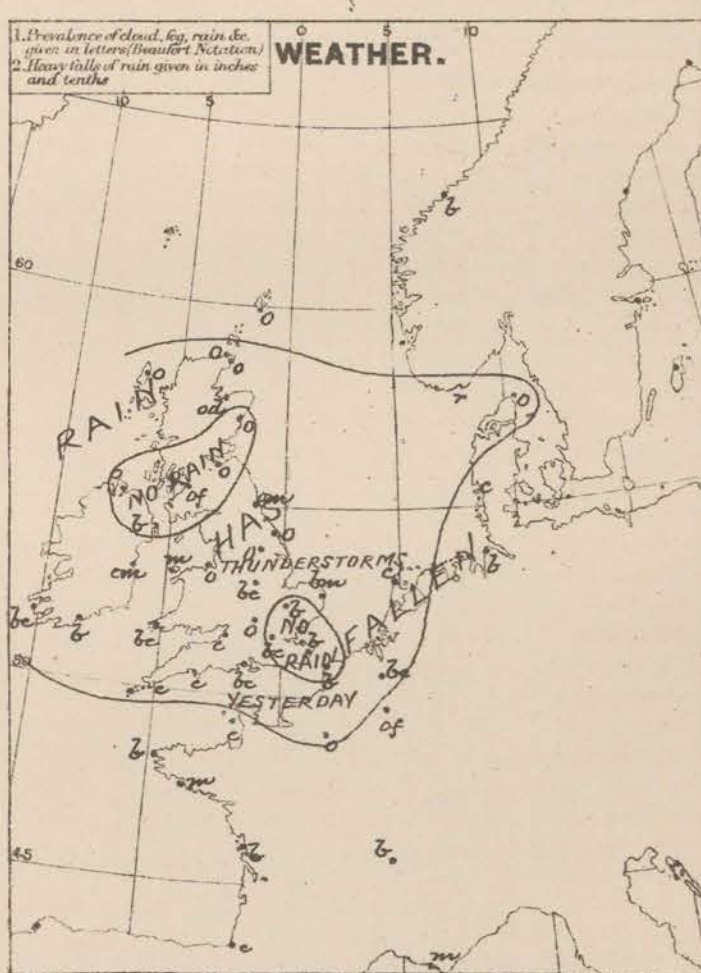
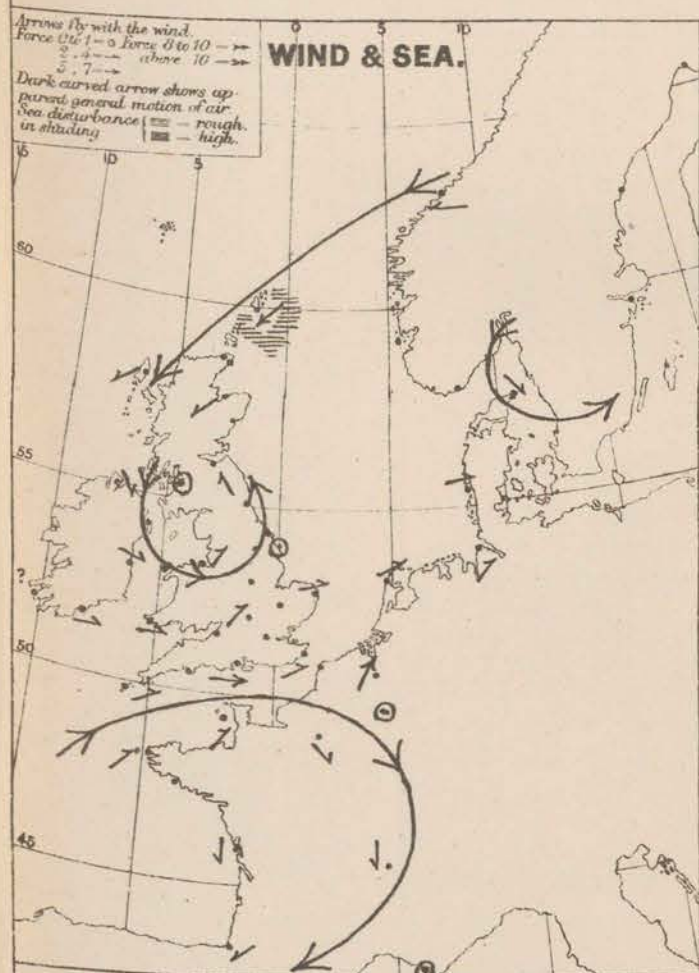
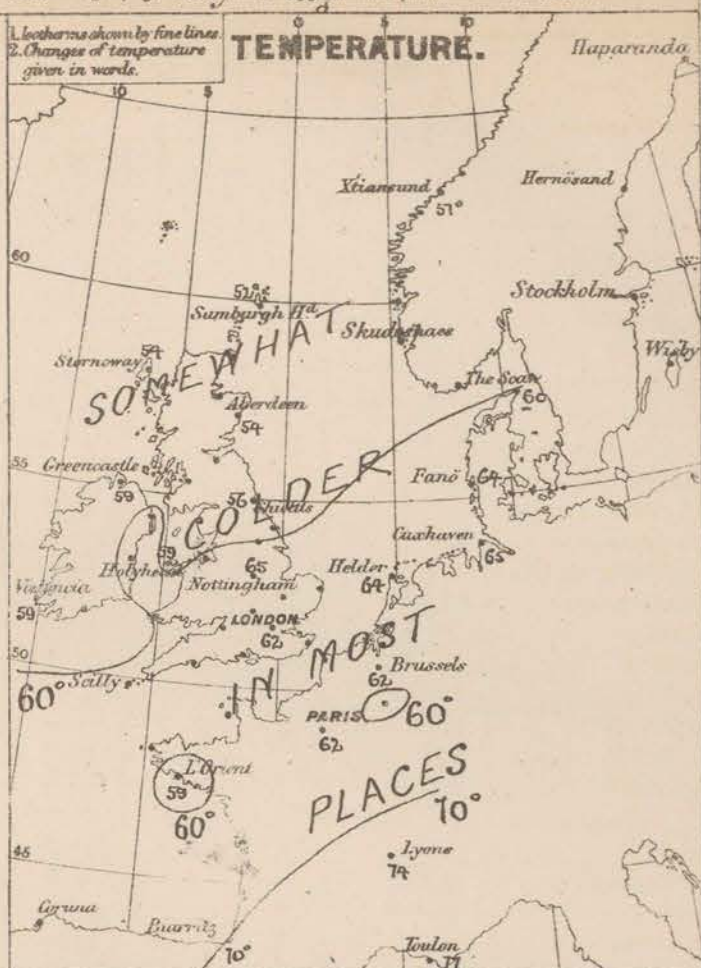
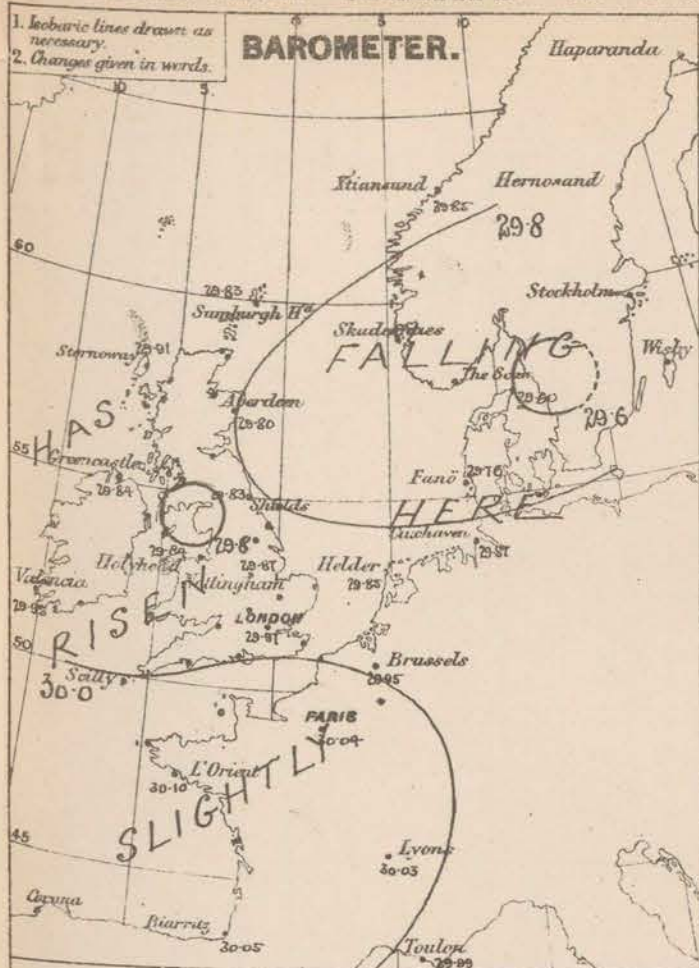
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Fri-day Aug⁵ 17th 1877.



REMARKS. Weather is now fine at the Sth and S^W stations, cloudy and hazy in the NW, very dull in the N. and NE, with rain in some places. Rain fell at nearly all our own stations yesterday, amounting to about a quarter of an inch in the S. and E. of Ireland, and at Thurro; elsewhere the fall was slight. Thunder has again occurred in the NEth and Eth parts of England, and at Brussels. Temperatures has decreased very generally. It now varies from 52° to 54° in Scotland, 59° to 61° in Ireland, and 60° to 62° over the Central and Sth counties of England, as well as the N. of France. In the S. of France it is 74° to 77°. The maximum values for yesterday varied from 72° to 76° over England, 75° to 79° in the SW. of France, and 88° at Dublin. Wind is still fresh from NE. in the far N, light to moderate from W. to WSW over England, the S. of Ireland, and the Sth parts of the North Sea. NW to Nth in France. Sea is smooth or nearly so on all but our extreme Nth coasts.

Barometrical indications.—The readings reported this morning vary from 30.1 ins. in the NW. of France, to 29.9 ins. at Sturtevant, and 29.8 ins. at the S. end. The small depression in the NE. is growing rather deeper, while that which came in over Ireland yesterday has reached the NW. of England. The barometer is rising slowly at all the W. and Sth stations, but falling on the Eth shores of 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 *August 18th* 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 13).		Reading at 820 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 ...	29.80	47	Z	0	bc	29.80	+00	46	43	0	NE	4	c	*	*	*	-	
Hernösand ...	29.79	53	Z	0	c	29.77	+01	54	50	+1	NE	2	bc	*	*	*	-	
Stockholm ...	29.57	61	NE	2	o	29.62	-02	55	54	-8	NNE	2	o	*	*	*	-	
Wisby ...	29.67	61	W	6	+	29.65	-09	61	59	-2	W	8	o	*	*	*	0.02	
Christiansund ...	29.84	?	NE	6	bc	29.80	-05	?	?	?	NE	4	bc	3	54	41	-	
Skudesnaes ...	29.62	57	W	2	o	29.75	+14	57	53	-7	NW	8	o	4	64	49	-	
Oxö (Xtiansand) ...	29.65	57	NE	5	+	29.70	+08	53	53	-6	N	4	+	2	61	50	-	
Skagen (The Scaw) ...	29.67	58	NNE	2	o	29.68	+08	58	57	-2	NNW	2	o	2	63	54	0.32	
Fanö ...	29.78	61	NNE	4	o	29.84	+08	59	54	-5	W	6	c	*	58	55	-	
Cuxhaven ...	29.85	4	N	3	+	29.94	+09	64	60	-1	NW	5	bc	*	68	59	0.03	
Sumburgh Head ...	29.92	51	NNE	6	c	30.02	+10	50	46	-2	N	4	c	4	55	45	-	
Stornoway ...	29.98	53	ENE	5	o	30.02	+11	53	49	-1	ENE	5	bc	5	58	49	-	
Thurso ...	29.97	53	NNE	3	o	30.05	+17	52	48	0	NNE	2	c	3	55	49	-	
Wick ...	29.97	54	NNE	3	o	30.02	+14	52	48	0	NE	1	bc	0	54	45	-	
Nairn ...	29.97	56	NE	2	o	30.04	+17	50	49	-2	ENE	3	o	5	57	49	-	
Aberdeen ...	29.93	54	N	4	c	30.02	+22	54	50	0	NNE	2	c	2	57	47	-	
Leith ...	29.93	57	SE	3	a	30.01	+20	57	57	-5	SE	2	+	*	58	56	0.02	
Shields ...	29.95	55	NNE	2	o	30.03	+20	52	57	-4	NNE	2	o	5	57	51	0.13	
Scarborough ...	29.92	57	N	2	o	30.04	+23	55	54	-4	SSE	1	o	2	59	54	0.08	
York ...	29.92	61	N	2	o	30.04	+21	57	55	-3	SE	1	o	4	78	54	0.04	
Nottingham ...	29.97	65	W	1	bc	30.05	+18	62	60	-3	ESE	1	m	*	75	54	-	
Ardrossan ...	29.90	62	NE	3	o	29.96	+15	57	50	-7	NE	3	m	2	66	57	0.02	
Greencastle ...	29.90	61	NNE	1	o	29.86	+02	58	58	-1	E	1	o	*	69	54	0.30	
Donaghadee ...	29.92	63	ESE	1	bc	29.92	+09	58	58	-3	SSE	3	m	3	65	56	0.04	
Kingstown ...	29.94	65	SSE	2	bc	29.93	+06	62	60	+1	S	4	o	2	66	59	0.12	
Holyhead ...	29.95	63	SSW	2	bc	29.96	+12	61	60	+2	SSW	2	+	4	67	58	0.01	
Liverpool (Bidston) ...	29.94	63	W	2	bc	29.99	+05	58	57	-3	SE	1	o	1	64	55	-	
Valencia ...	29.96	62	SSE	5	o	29.81	+12	62	61	+3	SSE	2	ogd	4	66	57	0.30	
Roche's Point... ..	29.99	63	SW	3	c	29.90	-08	60	59	+2	S	4	o	4	67	57	0.22	
Pembroke ...	30.00	65	SW	1	bc	29.97	+06	62	60	+2	SSE	2	bc	2	67	59	0.01	
Portishead ...	30.01	63	NNE	3	o	30.02	+08	64	62	+3	NNE	1	c	2	68	57	-	
Seilly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plymouth ...	30.05	67	SW	2	bc	30.01	+02	62	60	+1	E	1	o	*	70	60	-	
Hurst Castle ...	30.02	65	W	3	bc	30.07	+07	65	64	+1	S	1	c	2	66	61	-	
Dover ...	30.00	64	NNE	4	bc	30.10	+13	65	60	-3	SW	2	bc	1	69	58	-	
London ...	29.90	70	W	2	c	30.08	+11	61	57	-1	SSW	1	bc	*	74	53	-	
Oxford ...	*	*	*	*	*	30.04	+11	62	60	+1	Z	0	o	*	70	52	-	
Cambridge ...	29.95	64	W	1	c	30.07	+17	60	59	-1	SW	1	o	*	70	53	-	
Yarmouth ...	29.93	66	W	2	c	30.07	+19	60	58	-2	NNW	1	bc	2	67	55	-	
The Helder ...	*	*	*	*	*	30.04	+19	62	59	-2	NNE	1	c	*	*	*	-	
Cape Gris Nez ...	30.00	63	NNE	5	bc	30.09	+09	63	61	+2	SW	1	c	0	66	61	-	
Jersey ...	30.09	66	Z	0	bc	30.07	+00	64	62	+1	E	1	o	2	68	58	-	
Brest ...	30.13	72	SSW	2	o	30.06	-07	63	61	+2	SE	2	o	3	?	59	-	
L'Orient ...	30.10	66	W	1	bc	30.02	-08	64	61	+5	ESE	3	c	2	72	57	-	
Rochefort ...	30.04	73	NNW	3	bc	30.00	-07	72	66	+4	ESE	2	bc	3	82	61	-	
Biarritz ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Corunna ...	*	*	*	*	*	...	...	...	...	...	...	...	...	...	...	...	...
Brussels ...	*	*	*	*	*	30.11	+16	58	*	-4	SSW	3	o	*	*	*	-	
Charleville ...	*	*	*	*	*	? 30.10	+15	52	*	-7	SE	1	f	*	*	*	-	
Paris ...	30.06	71	NNW	3	bc	30.12	+08	64	*	+2	SE	3	bc	*	*	*	-	
Lyons ...	*	*	*	*	*	30.11	+08	72	*	-2	N	2	o	*	*	*	-	
Toulon ...	29.97	75	W	4	bc	30.01	+02	84	70	+7	W	1	m	2	86	70	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	?	63	59	WNW	2	c	1	Valencia	29.90	62	59	SE	4	r	4
Thurso	29.95	53	49	NNE	4	o	4	Scilly							
Scarborough ...	29.89	58	57	N	2	o	2	London	29.97	70	60	WSW	3	o	*
Greencastle ...	29.88	63	60	NW	1	o	*	Roche fort ...	30.07	75	66	NNW	2	bc	3
Holyhead	29.93	64	62	W	2	c	1								

The barometer is beginning to fall again at Valencia accompanied by a SE wind, rain, and a slight increase of sea.

EXPLANATION OF COLUMNS.

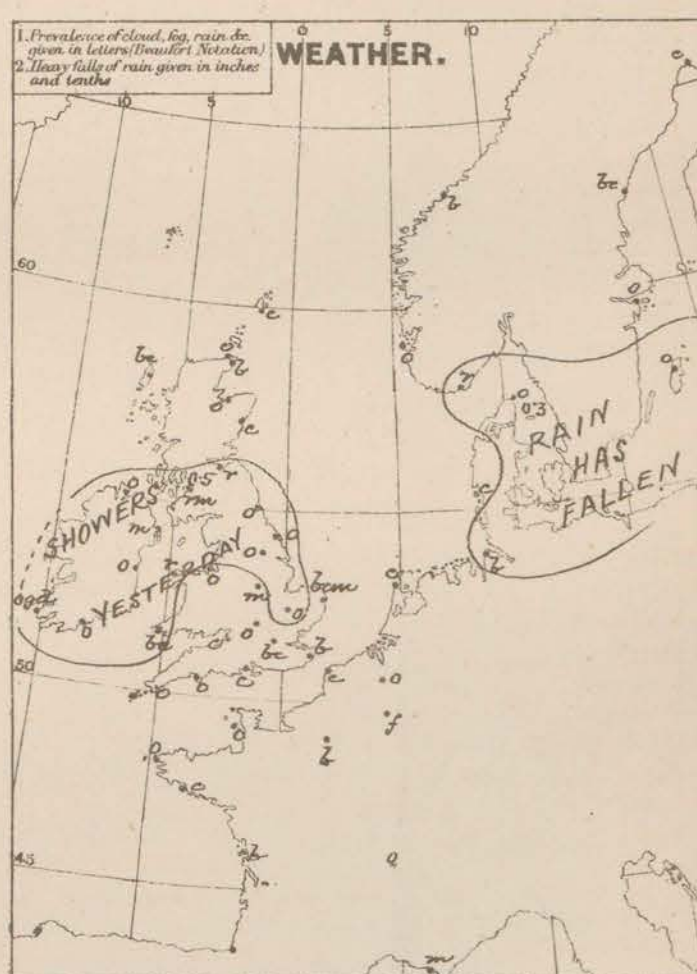
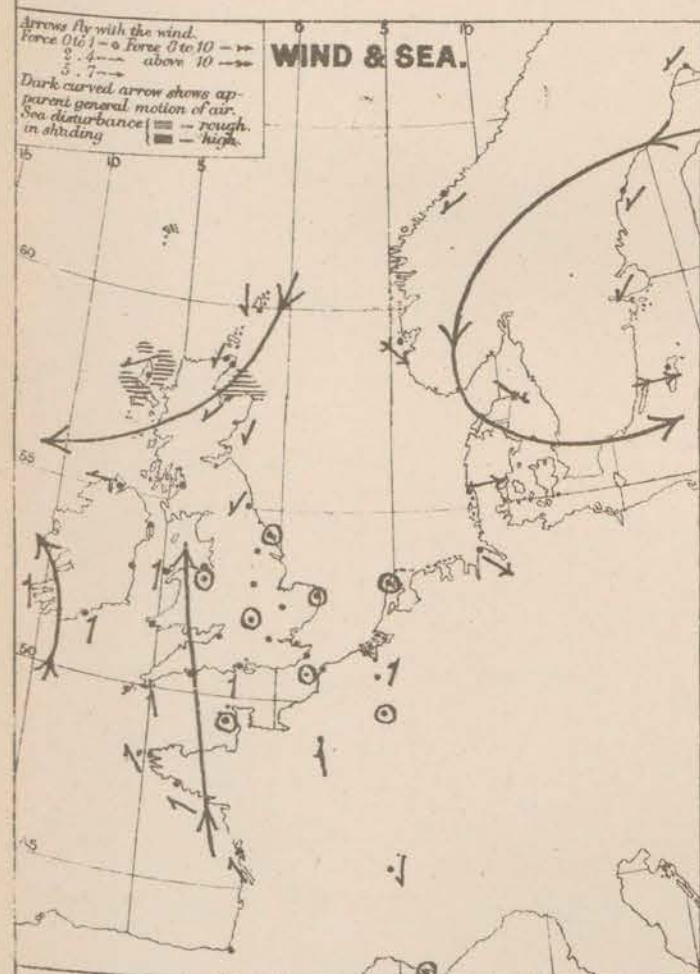
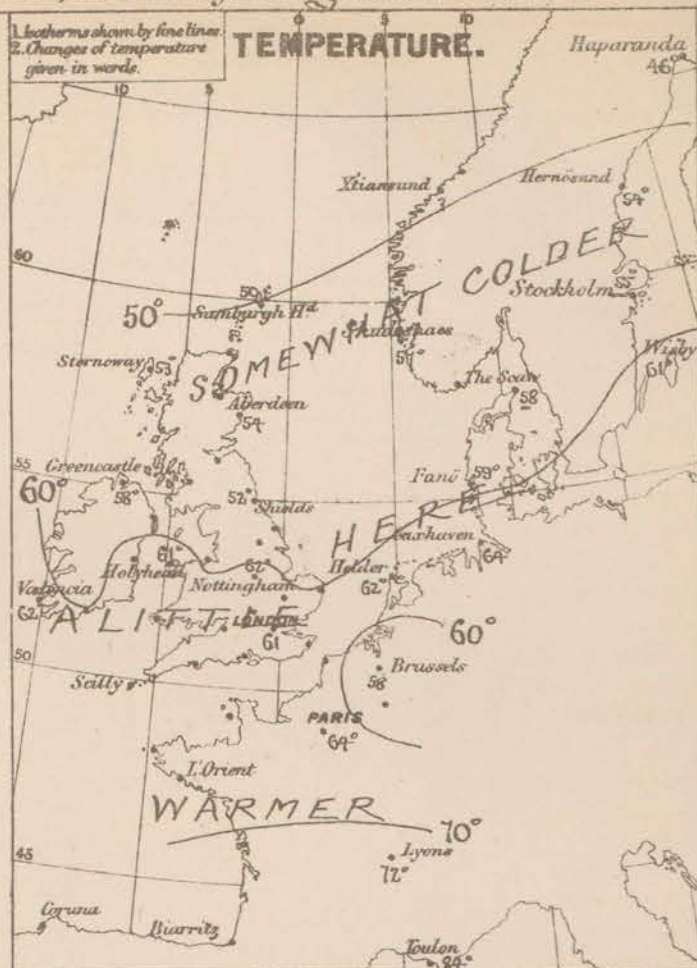
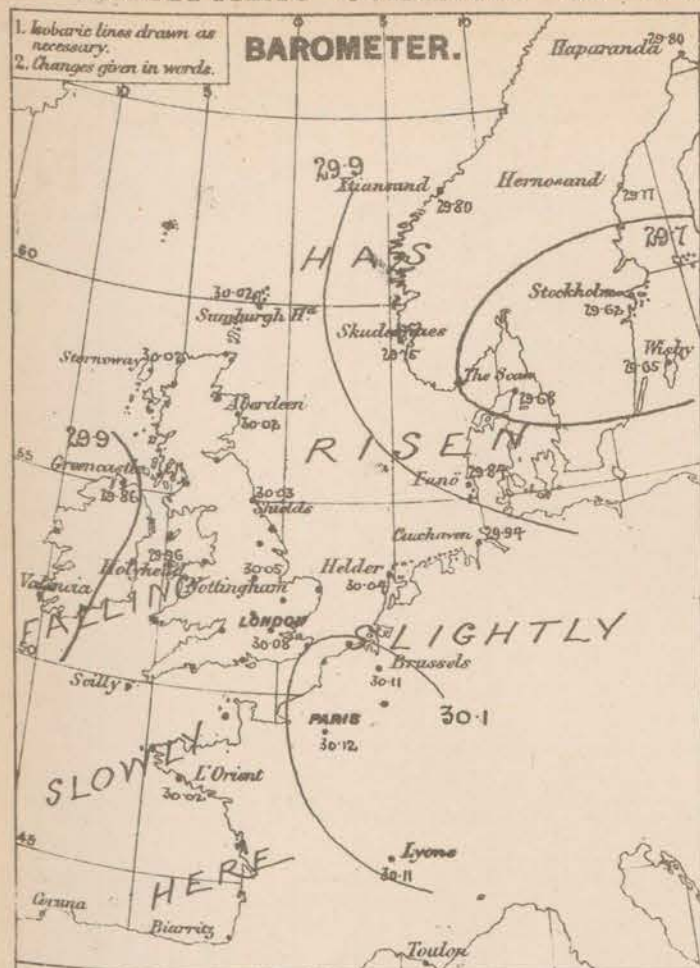
WEATHER.—Beaufort scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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.E.—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 August 18th 1877.*



REMARKS. Weather is clear and bright in France, cloudy elsewhere, especially in the west, with rain at Valencia and Lisbon. Rain has again fallen in the W. half of Spain at Lisbon, and from two to three tenths in Ireland. Slight falls have occurred in the N. of England, and 0.3 in. at the Scar. Thunder was again heard at Cambridge yesterday. Temperatures have again fallen in our E. coast, but risen in the W. It is now as low as 50° at Paris, and 50° at Edinburgh, 52° at Shields, 58° to 62° in Ireland, and 62° to 65° over the more S. parts of England. At London it is 54°. The maximum values for yesterday were 70° at Nottingham, 74° at London, and 70° at our other inland stations. At Rochefort 82° was reached, and at Valparaiso 86°. Wind is light from S. at all our W. stations, calm over Central England, very light from N. in our E. coast, moderate from NE. in the N. of Scotland, and NW. to W. in the E. of the North Sea. At St. Petersburg a fresh gale is reported. Sea is smooth or nearly so except in the extreme N.

Barometrical Indications. - The barometer stands at about 30 ins. in the E. of France, and rather above 30 ins. over Great Britain, whereas it is as low as 29.5 ins. (falling) in the W. of Ireland, and 29.7 ins. (rising) in the Skager Rack. The tendency is therefore to produce gradients for S. winds all over the country.

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 12th to August 18th 1877.

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

There are several points well worthy of note in the weather of this week. The first of these is the singular motion of a small depression which crossed the N. of France at the close of last week. At 8 am on the 12th it lay over Holland whence it moved S.W.^{ly}, reaching St. Malo by 8 am on the 14th. It then returned to the N.E.^{ly} reaching Holland again by the 15th whence it moved N.W.^{ly} to the S. of Norway by the 16th, after which it travelled E.^{ly} to the S.W. of Sweden by the 17th, and to the Gulf of Bothnia by the 18th. The second point is the gradual spreading N.W.^{ly} of a S.W.^{ly} current of wind, with a rising barometer, which first appeared in the S.W. of France on the 14th, and spread almost all over the United Kingdom by the evening of the 17th, bringing with it ^{greatly} increased temperature to our S.W. and S.E.^{ly} counties. The third point is the persistence of the E.^{ly} wind in the N. of Scotland, and the large quantity of rain accompanying it, especially during the night of the 18th. Very heavy rains were felt in the Netherlands ^{also} on the 11th and 12th.

August 12th The barometer was high in the N.W. and low in the S.W. parts of W. Europe, the readings varying from 30.4 ins. in the N. of Sweden, and 30.2 ins. in the N. of Scotland to 29.9 ins. in the S. of France. There was still a well formed depression over Holland, and on our S.W.^{ly} coasts the mercury was falling. Temperature had decreased except in the S.W. and was very low. E.^{ly} breezes were felt over the North Sea, N.W. winds on our E. coasts, N.W.^{ly} in the N.E. of France, and N.W. at Brussels. In the S. of Ireland the wind was S.E.^{ly}. The weather was fine on all our coasts, but large quantities of rain had fallen in Holland, and a smaller quantity in Belgium.

August 15th The barometer had risen a little in the N. but fallen 0.2 ins. over the S.W. of France. The Dutch depression had begun to move S.W.^{ly} bringing a more E.^{ly} wind to the English coast, with dull, foggy, damp weather to all our E.^{ly} stations. Very heavy rain had fallen at Brussels. On our S.W. coasts the S.E.^{ly} wind freshened but the weather remained fine. Temperature rose a little except on our E. coast and varied from 61° to 63° in the S. and S.W. of our Islands.

August 17th The barometer had begun to rise in the S.W. of France, but it was falling in the N. it was, however, still highest in Scandinavia and the Shetlands. An area of low pressure lay off the Mouth of the Channel, and the Dutch depression had again advanced to the N.W.^{ly} and lay a

little to the SE^W of Jersey. Light E⁴ winds prevailed very generally on our coasts; and NE⁴ in the Shetlands and S. of Norway. In Spain and the S. of France a SW⁴ breeze showed itself. Temperature rose in the SW. of France, and a slight rise was felt at some of our own stations. The weather was cloudy but dry, fog or haze being also prevalent in many places. During the day the depression in the S. began to return to the E^W, and at 6 P.M. lay over the Channel between Brighton and Havre.

August 15th The fall of the barometer in the N. and the rise in France both continued. Readings at 8 a.m. varied from 30.15 ins. in the far N., and 30.05 ins. in France to 29.8 ins. off the West of Ireland. The small depression recently noticed had returned to Holland. S⁴ and SW⁴ winds continued to spread NW⁴ as the barometer rose, and had already reached the S^m Counties of England with a rise of temperature. In the N. the thermometer was low. Dull, changeable weather prevailed, and during the day a great deal of rain fell in the S. of Ireland. Over France and the SE. of England the day-temperature was high (above 80°) and towards night severe thunderstorms were felt in almost all parts of England.

August 16th The S⁴ wind had now extended to all but the extreme N. of Scotland, and the Scandinavian stations, where a stiff cold NE⁴ wind still held. The small depression had reached the S. of Norway, while a fall of the mercury in Ireland indicated the advance of a fresh system of disturbance from the Atlantic. Dull and very foggy weather prevailed except in the two regions where pressure was highest. As the day wore on a small depression crossed Ireland in a NE⁴ direction, and further falls of rain occurred, with thunder in the NE. and E. Temperature again rose to 81° in London, but was lower over Central England generally; and in the S. of France it reached 88°.

August 17th The barometer had risen in Ireland, but fallen at the NW^m and E^m stations. The depression in the far N. had moved E^W to the neighbourhood of Lottenburg, while that in our NW^m regions was near Carlisle. Moderate and mild W⁴ breezes prevailed at our S^m stations, and strong cold ENE⁴ winds in the far N. In Ireland the sky was clearing, but dull showery weather still prevailed in the N. and E. Towards evening the barometer again fell in the N. the wind returned to SSE at Valencia and blew fresh with rain.

August 18th Pressure was at about 30.10 ins. in the E. of France, whence an arm of high reading extended NW⁴ over Great Britain. To the E^W of this "ridge" strong NW⁴ to N⁴ winds were experienced, forming part of a circulation round a depression in the Gulf of Bothnia, while to the NW⁴ (i.e. over Ireland and St. George Channel) light S⁴ winds had set in. The depression noticed in Cumberland on the 17th had become dispersed. The weather was fine in France, and the S^m parts of England and Wales, as well as at the extreme NW^m stations, but dull and hazy in the more Central and NE^m parts and rainy at Valencia. In the course of the day the fall of the barometer in the N. continued, S⁴ winds with showery weather spread to all but the most NW^m stations, where a **Meteorological Office,** strong E⁴ wind again prevailed, accompanied by torrents of cold rain.

n6, Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT

August 19th 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 330 ft. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 330 ft. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.53	46	Z	0	c	29.53	+ 03	43	41	- 3	N	4	bc	*	*	*	-		
Hernösand ...	29.74	54	NE	2	o	29.70	- 07	50	46	- 4	NE	4	c	*	*	*	-		
Stockholm ...	29.61	53	ENE	2	f	29.56	- 06	53	51	- 2	Z	0	f	*	*	*	0.24		
Wisby ...	29.68	62	WNW	6	o	29.68	+ 03	57	52	- 4	WNW	8	c	*	*	*	-		
Christiansund ...	29.72	50	NNE	3	bc	29.89	+ 09	47	45	- 2	WSH	12	f	4	52	39	-		
Skudesnaes ...	29.89	52	NW	6	c	29.91	+ 16	55	49	- 2	NNW	4	bc	2	57	52	-		
Oxö (Xtiansand) ...	29.78	56	NW	5	bc	29.88	+ 18	52	40	- 1	NW	4	bc	2	63	48	-		
Skagen (The Scaw) ...	29.73	57	NW	5	bc	29.82	+ 16	55	49	- 2	NW	5	bc	4	64	50	-		
Ånø ...	29.97	56	NW	4	c	29.95	+ 11	57	54	- 2	SH	1	c	*	63	54	-		
Cuxhaven ...	30.05	52	N	3	bc	29.97	+ 03	62	59	- 2	S	3	o	*	63	55	0.01		
Sumburgh Head ...	29.03	57	N	3	c	30.09	+ 07	50	46	- 4	NNE	3	a	3	50	41	-		
Stornoway ...	30.00	57	ENE	6	c	29.86	- 16	57	48	- 2	ENE	6	og	4	56	48	-		
Thurso ...	30.05	52	ENE	2	bc	29.93	- 12	50	47	- 2	ESE	3	o	3	58	43	-		
Wick ...	30.06	53	E	2	bc	29.93	- 09	51	48	- 1	E	3	o	2	53	45	-		
Nairn ...	30.02	50	ENE	2	c	29.90	- 14	44	45	- 4	ENE	3	f	3	53	46	0.17		
Aberdeen ...	30.02	52	ENE	1	o	29.87	- 15	50	48	- 4	ENE	5	f	4	55	50	0.43		
Leith ...	29.97	51	SE	4	f	29.75	- 26	53	53	+ 2	E	4	f	*	54	49	1.08		
Shields ...	29.95	55	E	4	f	29.71	- 32	58	58	+ 6	SSH	1	ff	3	58	52	1.47		
Scarborough ...	29.96	57	S	2	f	29.74	- 30	60	60	+ 5	SSH	1	f	1	60	55	0.23		
York ...	30.04	63	S	1	f	29.74	- 30	61	60	+ 4	S	1	f	2	65	55	0.31		
Nottingham ...	29.96	64	ESE	1	f	29.76	- 39	60	60	- 2	ESE	1	f	*	76	59	0.26		
Ardrossan ...	29.90	53	NE	4	f	29.71	- 35	52	51	+ 1	NE	4	f	3	54	51	1.22		
Greencastle ...	29.81	56	E	2	f	29.64	- 22	56	55	- 2	ENE	2	o	*	62	53	0.57		
Donaghadee ...	29.83	60	S	2	f	29.67	- 20	58	58	0	S	1	f	1	62	56	0.30		
Kingstown ...	29.82	62	SSE	3	f	29.68	- 25	62	61	0	SSE	1	f	1	64	60	0.41		
Holyhead ...	29.88	62	SSH	1	f	29.72	- 34	60	60	- 1	SSH	2	f	0	67	59	0.30		
Liverpool (Bidston) ...	29.89	62	SE	1	f	29.72	- 27	62	61	+ 4	S	1	o	1	64	60	0.20		
Valencia ...	29.76	62	SSE	3	bc	29.68	- 13	61	61	- 1	SSH	3	og	3	64	59	0.20		
Roche's Point... ..	29.83	60	S	4	f	29.78	- 20	61	60	+ 1	SH	2	c	3	66	58	1.87		
Pembroke ...	29.90	63	SSE	1	o	29.72	- 25	60	60	- 2	SSE	1	of	2	65	59	0.09		
Portishead ...	29.90	65	SH	3	o	29.78	- 24	62	61	- 2	S	4	o	0	73	59	0.31		
Scilly ...	29.92	66	SSE	2	o	29.79	- 22	63	61	+ 1	S	3	og	*	71	61	0.04		
Plymouth ...	29.94	67	SE	1	c	29.80	- 27	65	65	0	SH	3	o	3	70	63	-		
Hurst Castle ...	30.02	65	ESE	1	bc	29.80	- 30	67	63	+ 2	SSH	3	c	2	69	64	-		
Dover ...	29.99	70	SSH	1	o	29.78	- 30	67	63	+ 6	SH	1	o	*	75	60	-		
London ...	*	*	*	*	*	29.78	- 26	62	61	0	Z	0	m	*	73	59	0.47		
Oxford ...	29.96	66	SSH	1	o	29.79	- 28	62	61	+ 2	S	1	f	*	75	59	0.53		
Cambridge ...	30.02	63	SSE	3	f	29.80	- 27	64	63	+ 4	SSE	3	ed	3	66	58	0.06		
Yarmouth ...	*	*	*	*	*	29.80	- 18	66	59	+ 2	SSE	1	c	*	*	*	-		
The Helder ...	30.00	64	NE	2	o	29.81	- 28	72	66	+ 9	S	2	o	1	72	63	-		
Cape Gris Nez ...	29.94	73	E	1	c	29.89	- 18	65	63	+ 1	WSH	3	c	3	76	62	-		
Brest ...	30.01	72	Z	0	o	29.93	- 13	64	63	+ 1	SH	4	o	4	?	59	-		
L'Orient ...	29.90	72	SH	1	o	29.94	- 08	66	64	+ 2	WSH	3	bc	2	82	59	-		
Rochefort ...	29.90	74	NE	2	o	29.95	- 02	73	70	0	WNW	1	o	1	94	61	-		
Biarritz ...	29.95	77	WSH	4	o	30.01	+ 09	70	66	+ 2	WSH	1	o	2	90	63	-		
Corunna ...	*	*	*	*	*	30.00	- 71	*	*	*	NE	3	bc	1	*	*	*		
Brussels ...	*	*	*	*	*	29.84	- 22	65	*	- 7	S	3	o	*	*	*	-		
Charleville ...	*	*	*	*	*	? 29.88	- 32	64	*	+ 12	ESE	1	c	*	*	*	-		
Paris ...	30.00	75	E	3	c	29.87	- 25	70	*	+ 6	SE	2	bc	*	*	*	-		
Lyons ...	*	*	*	*	*	30.05	- 06	76	*	+ 4	E	2	bc	*	*	*	-		
Toulon ...	30.03	59	SH	3	bc	30.12	+ 11	72	68	- 12	E	4	m	3	86	?	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.87	56	48	NW	8	bc	4	Valencia	? 29.79	63	62	SSE	3	og	4
Thurso	30.06	55	49	NE	2	c	4	Scilly							
Scarborough ...	30.01	56	55	ESE	3	o	3	London	30.06	71	64	SW	1	o	*
Greencastle ...	29.85	61	60	E	2	o	*	Rochefort ...	29.98	99	79	ESE	1	f	1
Holyhead	29.93	65	62	SSH	2	om	1								

The barometer is falling slowly except at Thurso; S.W. winds and dull weather are spreading over the country, with showers at Pembroke. In the S.W. of France the thermometer has risen to 99°.

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.

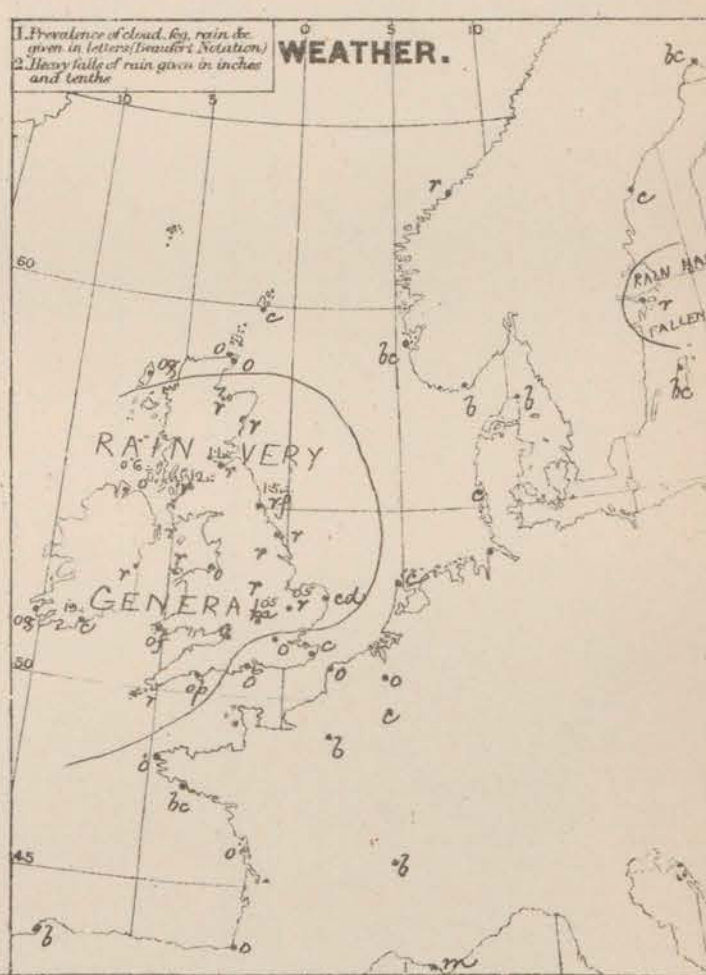
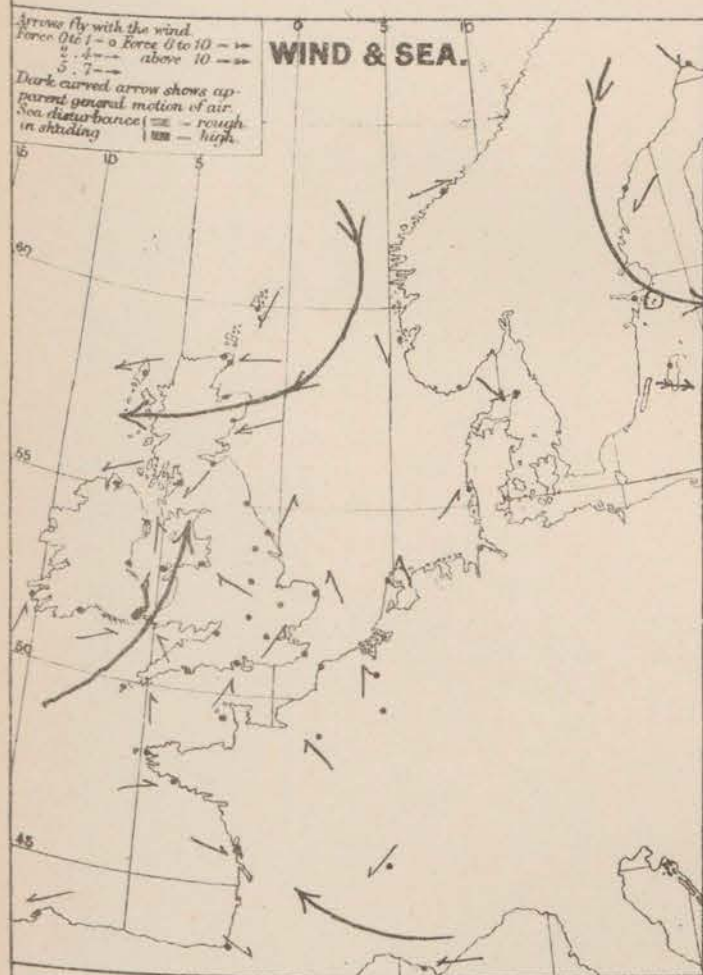
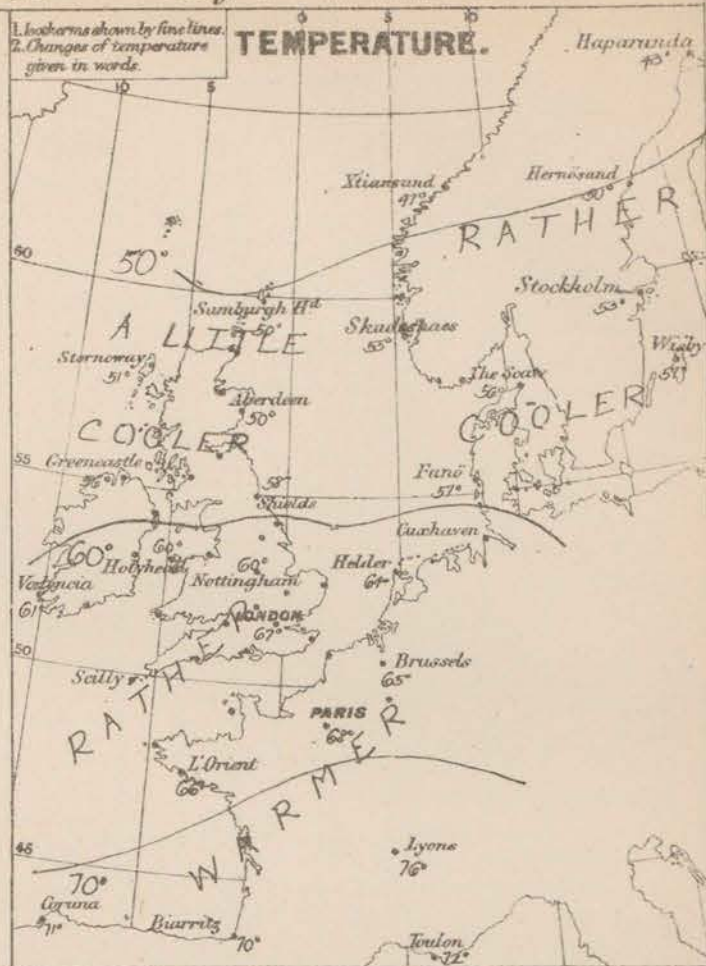
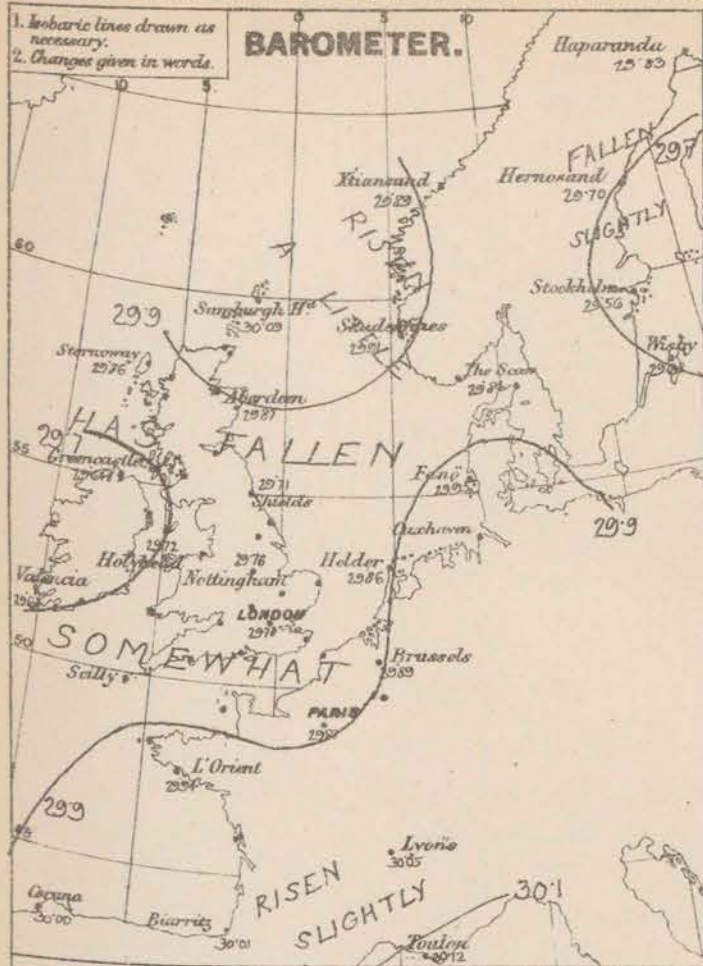
* AN ASTERISK is inserted in all places for which information is not usually received.

† 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.

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

WEATHER CHARTS

for 8 a.m. on Sunday 19th AUG^r 1877.



REMARKS. Weather is clear over Central France and also in the south of Norway but is overcast at nearly all the British stations. Rain has fallen all night at the western and northern stations, and continues in many places this morning; the amount collected at 8 a.m. exceeded one inch at Leith, Shields, Aberdeen and Rochefort and in many other parts large falls were reported. Temperature has fallen a little in Scotland and over Scandinavia but in most other places a rise has taken place. The maximum readings of yesterday were as high as 99° at Rochefort, and 90° at Biscuits but over England they scarcely exceeded 75°. Wind is W over the Bay of Biscay, S^W in England and the south of Ireland, and E in Scotland; it is generally moderate in force but over Central England the breezes are extremely light. Sea is slight or smooth everywhere.

Barometrical Indications. The barometer has fallen in all parts of the Kingdom, and a large shallow depression lies over Ireland. Areas of relatively high readings are found to the N.^{W.} of Ireland and S.^{W.} of France, in both of which regions the barometer still rises slowly. As long as these areas retain their position cloudy unsettled weather will be likely to prevail over the United Kingdom.

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 2.7

DAILY WEATHER REPORT

August 20th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 p.m. and Sea Level.	Therm. 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 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 ...	29.74	46	NE	4	c	29.64	-19	45	47	+2	N	6	bc	*	*	*	-	
Hernösand ...	29.75	48	Z	0	bc	29.73	+03	49	46	-1	NN	2	c	*	*	*	-	
Stockholm ...	29.72	49	NW	2	c	29.83	+27	50	45	-3	NNN	2	bc	*	*	*	0.08	
Wisby ...	29.82	55	NNW	8	o	29.76	+08	54	52	-3	ENE	4	r	*	*	*	0.20	
Christiansund ...	29.69	50	WSW	3	r	29.89	00	?	43	?	SW	1	r	2	?	?	-	
Skudesnaes ...	29.79	56	NNN	2	o	29.90	-01	59	54	+4	SW	2	c	2	?	55	-	
Oxö (Ktiansand) ...	29.83	55	SE	4	bc	29.89	+01	53	50	+1	NNN	4	c	2	55	50	-	
Skagen (The Scaw) ...	29.83	55	SSE	2	r	29.88	+04	54	49	+2	SE	2	bc	3	61	46	0.32	
Fanö ...	29.64	60	SW	4	r	29.78	-17	55	54	-2	ENE	4	o	*	61	54	0.20	
Cuxhaven ...	29.80	66	SE	3	r	29.84	+13	66	64	+4	WNW	5	c	*	68	59	0.18	
Sumburgh Head ...	29.94	52	NE	3	c	29.98	-11	57	48	+1	NE	4	c	2	55	47	-	
Stornoway ...	29.96	48	E	5	o	29.90	+04	57	48	0	ENE	4	o	5	57	?	0.09	
Thurso ...	29.90	50	ESE	2	r	29.94	+01	52	50	+2	NE	2	o	3	53	37	0.21	
Wick ...	29.89	48	E	2	o	29.95	+02	53	50	+2	ENE	4	o	3	53	47	0.25	
Nairn ...	29.85	48	ENE	1	r	29.90	00	50	49	+4	ENE	1	o	3	50	45	0.64	
Aberdeen ...	29.81	45	ENE	6	r	29.88	+01	54	57	+4	NE	3	o	3	54	48	0.30	
Leith ...	29.73	54	E	5	r	29.82	+07	57	57	-2	E	4	o	*	54	49	0.63	
Shields ...	29.68	60	N	2	c	29.81	+10	57	56	-1	E	3	r	3	67	55	0.30	
Scarborough ...	29.70	67	W	2	o	29.80	+06	58	58	-2	Z	0	ff	2	69	?	0.05	
York ...	29.70	66	W	1	c	29.80	+06	61	60	0	S	1	r	4	70	59	0.05	
Nottingham ...	29.79	61	E	1	r	29.76	00	60	60	0	E	1	r	*	73	50	0.40	
Ardrossan ...	29.70	53	NE	3	c	29.77	+06	53	57	+1	ENE	3	rm	2	55	52	0.07	
Greencastle ...	29.63	58	ENE	1	r	29.69	+05	55	55	-1	NE	2	o	*	62	54	0.37	
Donaghadee ...	29.46	57	W	3	bc	29.71	+04	56	56	-2	ENE	4	o	3	61	53	0.24	
Kingstown ...	29.70	67	Z	0	r	29.68	00	62	61	0	SSE	4	r	2	69	61	0.35	
Holyhead ...	29.72	62	SSW	3	m	29.71	-01	61	60	+1	ENE	2	r	1	67	59	0.35	
Liverpool (Bidston) ...	29.73	64	NNW	1	o	29.72	00	60	60	-2	ESE	2	o	1	?	60	0.14	
Valencia ...	29.72	64	WSW	1	o	29.63	-05	59	58	-2	ENE	1	tg	1	68	57	0.44	
Roche's Point... ..	29.75	63	SW	3	f	29.60	-10	62	61	+1	E	4	r	4	67	60	0.46	
Pembroke ...	29.78	62	WSW	2	o	29.67	-05	61	60	+1	S	4	o	3	63	59	1.77	
Portishead ...	29.79	65	SW	5	bc	29.74	-02	65	62	+3	S	4	c	4	69	59	0.48	
Scilly ...	29.84	65	SW	2	o	29.77	-02	66	63	+3	S	4	o	*	76	62	0.14	
Plymouth ...	29.85	65	SW	4	o	29.88	+08	67	65	+2	SSE	2	bc	2	67	62	-	
Hurst Castle ...	29.85	66	SW	4	c	29.90	+10	68	65	+1	SSW	3	bc	2	73	64	0.01	
Dover ...	29.81	67	SW	2	o	29.85	+07	69	66	+2	S	2	c	*	78	62	-	
London ...	*	*	*	*	*	29.80	+02	68	66	+6	SSW	3	o	*	71	61	0.12	
Oxford ...	29.75	69	S	2	c	29.84	+08	64	63	+2	S	1	o	*	70	60	0.10	
Cambridge ...	29.75	69	W	2	c	29.86	+06	64	63	0	SSW	1	d	2	71	60	0.30	
Yarmouth ...	*	*	*	*	*	29.88	+02	65	64	+1	WSW	1	c	*	*	*	0.12	
The Helder. ...	29.88	66	SW	4	c	29.91	+10	70	66	-2	S	2	c	1	73	64	-	
Cape Gris Nez ...	29.93	69	SW	4	c	29.85	-04	67	65	+2	SE	3	c	3	74	62	-	
Brest ...	29.98	70	SW	3	bc	29.88	-05	64	63	0	S	3	o	3	?	61	-	
L'Orient ...	29.99	70	SW	2	bc	29.86	-08	68	60	+2	S	3	m	2	75	61	-	
Rochefort ...	29.99	79	E	4	bc	29.91	-07	73	70	+1	SSW	5	o	3	88	63	-	
Biarritz ...	29.97	82	SE	3	o	29.98	-03	79	70	+9	SSW	3	o	2	85	68	-	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	29.96	-05	67	*	-3	SW	3	o	*	*	*	-	
Charleville ...	*	*	*	*	*	? 29.97	+09	63	*	-1	SE	1	c	*	*	*	*	
Paris ...	29.94	80	WSW	3	bc	29.97	+10	70	*	0	SE	3	c	*	*	*	-	
Lyons ...	*	*	*	*	*	30.04	-01	79	*	+3	SE	2	o	*	*	*	*	
Toulon ...	30.17	73	SE	4	bc	30.17	+05	73	68	+1	E	4	bc	6	84	73	-	

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

Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes ...	29.85	58	50	NNW	4	0	3	Valencia ...			
Thurso ...								Scilly ...			
Scarborough ...								London ...			*
Greencastle ...								Rochefort ...	30.03	81	72
Holyhead ...											

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 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.

DAILY WEATHER REPORT *August 21st* 1877.

STATIONS.	YESTERDAY EVENING.						6 A.M. TO DAY.										PART 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 6).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 6 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	29.65	41	NW	4	bc	29.74	+10	42	37	-3	NN	4	bc	*	*	*	-		
Hernösand ...	29.80	46	SW	2	bc	29.86	+13	49	45	0	NNW	4	bc	*	*	*	0.04		
Stockholm ...	29.85	52	SW	2	bc	29.89	+16	52	45	+2	Z	0	bc	*	*	*	-		
Wisby ...	29.88	50	N	4	bc	29.92	+16	57	52	+3	SW	4	c	*	*	*	-		
Christiansund ...	29.75	57	W	2	bc	29.80	-03	48	45	?	ESE	2	bc	2	52	?	-		
Skudesnaes ...	29.89	55	ENE	1	o	29.67	-23	54	49	-5	SE	4	r	3	59	?	-		
Oxö (Xtiansand) ...	29.90	55	SW	2	a	29.73	-16	55	50	+2	E	4	r	4	59	?	-		
Skagen (The Seaw) ...	29.93	55	Z	0	o	29.77	-11	55	53	+1	SSE	6	r	5	61	52	0.04		
Fanö ...	29.84	55	E	4	o	29.55	-23	65	64	+10	SW	4	o	*	65	54	0.67		
Cuxhaven ...	29.88	*	E	3	r	29.66	-18	69	66	+3	SW	3	o	*	61	61	0.24		
Sumburgh Head ...	29.95	52	NE	4	c	29.69	-29	52	48	+1	NE	6	o	6	56	50	-		
Stornoway ...	29.83	51	ENE	6	r	29.64	-26	48	47	-3	NE	6	r	6	57	46	0.24		
Thurso ...	29.89	52	NE	4	o	29.60	-24	53	49	-2	ENE	4	r	4	55	45	0.40		
Wick ...	29.86	53	E	5	o	29.59	-36	50	49	-3	ENE	6	r	5	56	48	0.57		
Nairn ...	29.81	51	NE	4	r	29.84	-36	50	50	0	NE	7	r	7	53	49	0.86		
Aberdeen ...	29.78	54	NE	4	r	29.39	-49	52	51	-2	NNE	7	r	6	57	51	1.70		
Leith ...	29.66	53	E	5	r	29.31	-51	53	53	+2	ENE	4	r	*	55	50	1.56		
Shields ...	29.61	57	E	4	o	29.29	-52	63	62	+6	SSW	2	a	*	63	56	0.96		
Scarborough ...	29.61	58	ESE	1	o	29.33	-47	67	64	+9	SW	5	bc	4	67	57	0.47		
York ...	29.60	68	S	1	o	29.33	-47	66	63	+5	SSW	3	c	*	69	60	0.41		
Nottingham ...	29.61	72	S	1	c	29.51	-25	65	64	+8	SSW	5	a	*	78	62	0.07		
Ardrossan ...	29.59	54	ENE	6	r	29.31	-46	53	52	0	ENE	4	r	3	55	52	1.86		
Greencastle ...	29.56	53	ENE	2	r	29.38	-31	52	52	-3	NINE	2	r	*	56	51	1.01		
Donaghadee ...	29.49	57	NE	5	r	29.34	-37	54	54	-2	NNW	4	o	4	59	54	0.65		
Kingstown ...	29.50	62	N	1	f	29.45	-23	59	56	-3	N	4	c	4	63	58	0.17		
Holyhead ...	29.53	62	SW	4	m	29.43	-28	58	57	-3	N	4	om	3	64	55	0.57		
Liverpool (Bidston) ...	29.55	68	SSE	2	o	29.40	-33	56	56	-4	WSW	6	bc	4	69	56	1.45		
Valencia ...	29.58	62	NNW	3	bc	29.59	-04	58	55	-1	N	3	bc	3	65	53	0.14		
Roche's Point...	29.58	61	N	4	bc	29.57	-03	59	55	-3	N	3	bc	3	66	56	0.11		
Pembroke ...	29.59	62	S	4	c	29.54	-13	60	59	-1	N	4	c	3	64	58	0.80		
Portishead ...	29.62	68	S	4	c	29.53	-23	60	62	0	SW	7	c	5	78	61	0.01		
Seilly ...	29.65	65	SSE	3	o	29.44	-13	63	61	-3	WSW	5	c	*	69	60	0.17		
Plymouth ...	29.69	67	SW	2	c	29.68	-20	64	64	-3	WSW	6	c	6	69	62	0.02		
Hurst Castle ...	29.76	69	N	3	bc	29.62	-28	67	64	-1	SW	5	cq	4	74	55	0.06		
Dover ...	29.70	73	SSW	2	bc	29.56	-29	66	61	-3	WSW	4	bc	*	81	63	-		
London ...	*	*	*	*	*	29.52	-28	66	61	-2	WSW	4	bc	*	78	64	-		
Oxford ...	29.64	73	SSW	2	o	29.49	-35	66	62	-2	S	3	o	*	79	62	0.01		
Yarmouth ...	29.68	71	SSW	4	c	29.52	-34	68	65	+4	SSW	4	a	3	71	63	-		
The Helder...	*	*	*	*	*	29.59	-29	69	67	+4	SSW	2	bc	*	*	*	0.58		
Cape Gris Nez ...	29.75	77	S	2	o	29.67	-24	66	64	-4	SW	6	c	4	61	64	0.16		
Jersey ...	29.75	67	S	4	c	29.75	-10	63	61	-4	SW	6	cq	6	77	60	0.16		
Brest ...	29.81	68	SSW	3	bc	29.88	+02	64	63	-4	N	4	bc	4	79	61	-		
L'Orient ...	29.82	79	SSW	3	bc	29.94	+03	68	64	-5	NN	5	r	3	91	68	0.28		
Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
Corunna ...	*	*	*	*	*	29.73	-23	65	*	+1	SW	6	bc	*	*	*	0.50		
Brussels ...	*	*	*	*	*	29.76	-21	66	*	+3	SSE	1	c	*	*	*	-		
Charleville ...	29.82	78	S	3	bc	29.81	-16	69	*	-1	SW	3	o	*	*	*	0.28		
Paris ...	*	*	*	*	*	29.97	-07	78	*	-1	S	2	c	*	*	*	-		
Lyons ...	30.06	75	E	5	bc	30.07	-10	73	70	0	E	5	o	4	81	73	-		
Toulon ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	

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

	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnaes ...	29.93	59	52	N	2	bc	2	Valencia	29.60	64	62	NN	3	bc	4
Thurso	29.92	53	50	NE	3	o	4	Seilly							
Scarborough ...	29.71	57	57	SE	3	o	3	London	29.75	79	71	SSW	2	c	*
Greencastle ...	29.63	54	54	E	2	r	4	Rocheport ...	29.86	82	73	SSW	4	bc	3
Holyhead	29.59	63	62	SSW	4	m	3								

The barometer is now falling in all parts of the Kingdom, but the winds are not much changed excepting that at Valencia a NW breeze has sprung up since the morning. The weather continues very cloudy.

EXPLANATION OF COLUMNS.

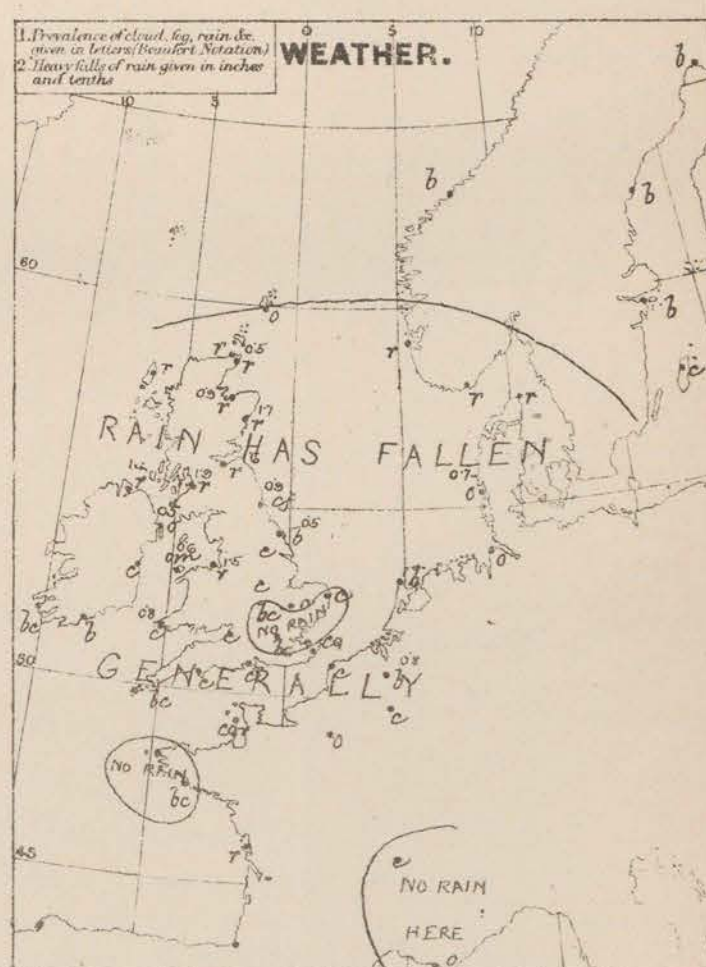
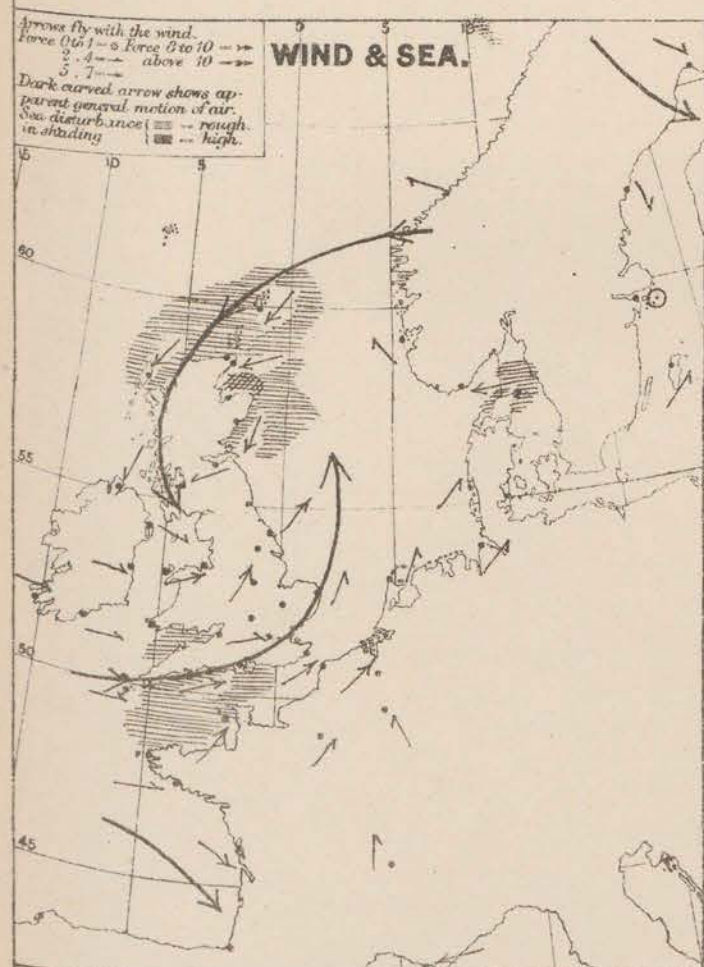
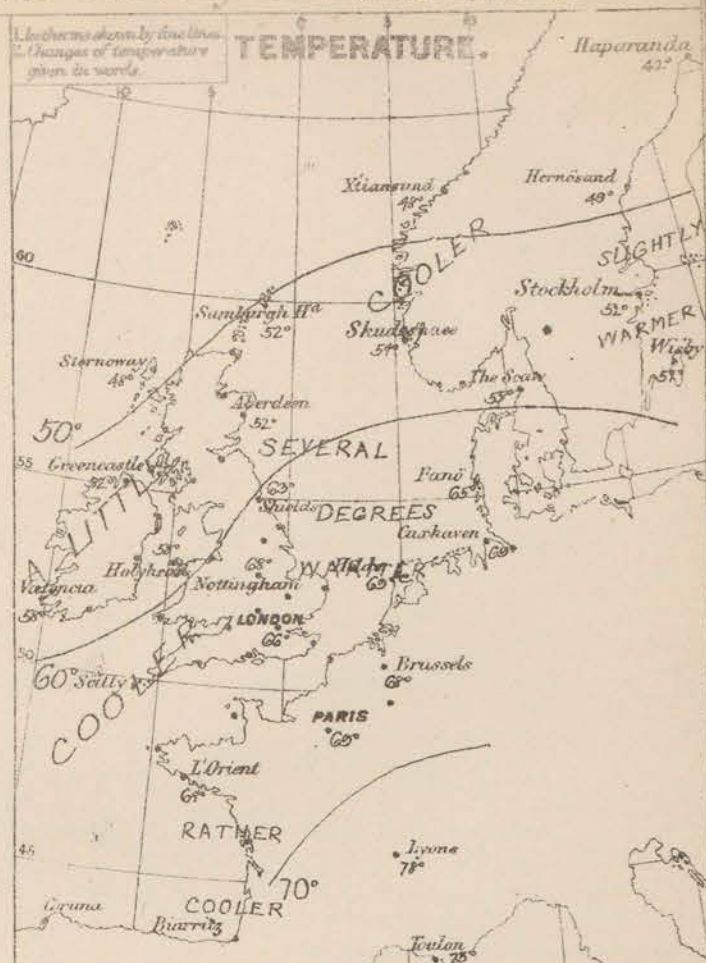
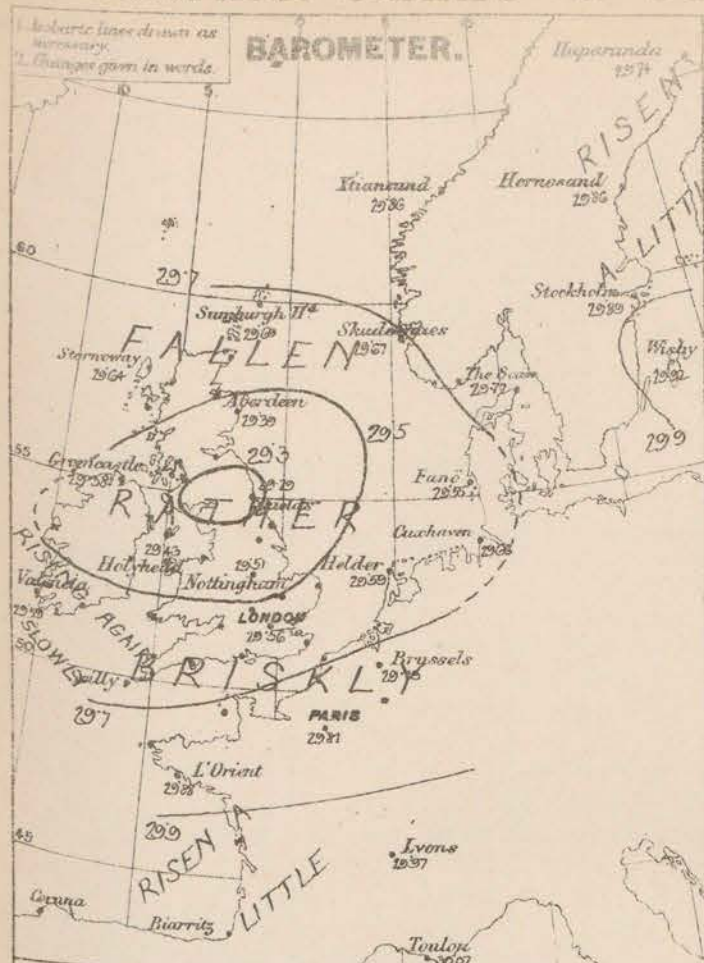
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 21st Aug^r 1877.



REMARKS. Weather is overcast or very cloudy except in Sweden and the northern parts of Norway, and heavy rain is falling on all our north and north-west coasts. The rainfall in Scotland and at several of our western stations has again been very heavy; - half an inch has fallen at Wick, 0.9 in. at Cairn, 1.7 in. at Aberdeen, 1.6 in. at Leith, 0.9 in. at Shields, 1.9 in. at Mossman, 1.0 in. at Greenacres, 1.5 in. at Liverpool and 0.8 in. at Pembroke. A smaller quantity has fallen at most of our other stations, but London has again escaped with a few local showers. Thunder has occurred in the west, and lightning at Dover. Temperature has risen in the east but fallen elsewhere. It is 48° to 52° in Scotland, 59° in the south and east of Ireland, 64° to 68° in the south east and east of England. It rose to 81° in London yesterday but was rather lower at the other inland stations of England. Wind is strong from NE in Scotland, fresh to strong from W on our south western and southern coasts, and from SW in the east. At Cairn and Aberdeen a slight gale is reported. It is worthy of note that the heaviest rains have again fallen with the E to NE wind in the north. Sea is rather high in the north, and rough in the south.

Barometrical Indications. The depression noticed off the south of Ireland yesterday has moved NErd and become much deeper; the barometer being now as low as 29.3 in. over the most northern counties of England. As the disturbance passes along the Wnd wind in England will probably fall light, and the weather clear up.

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.

DAILY WEATHER REPORT August 22nd 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 4 HOURS.		
	Barometer at 35° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETR.		SEASIDE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SEASIDE 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 ...	29.73	42	2	2	b	29.72	- .02	4.0	38	- 2	NE	2	2	*	*	*	-	
Hernösand ...	29.73	52	5	2	b	29.86	- .30	52	49	+ 3	S	2	0	*	*	*	-	
Stockholm ...	29.68	55	SSE	4	r	29.41	- .48	57	57	+ 5	SW	2	0	*	*	*	0.20	
Wisby ...	29.72	54	SE	6	r	29.52	- .40	54	59	+ 2	WSW	2	0	*	*	*	0.02	
Christiansund ...	29.59	50	NE	6	b	29.40	- .46	53	46	+ 5	ENE	4	0	5	54	48	-	
Skudesnaes ...	29.27	53	E	5	r	29.23	- .44	53	50	- 1	NNE	4	0	4	54	50	-	
Oxö (Xiansand) ...	29.37	53	NE	9	r	29.26	- .47	54	53	- 1	SW	4	0	5	?	48	-	
Skagen (The Sæw) ...	29.38	61	SW	5	bc	29.40	- .37	56	54	+ 1	W	4	0	4	61	45	0.47	
Fanö ...	29.53	63	WSW	6	b	29.57	- .04	61	58	- 4	WSW	6	0	*	68	61	0.20	
Cuxhaven ...	29.65	?	WSW	5	0	29.66	.00	60	63	- 4	SW	4	0	*	77	59	-	
Sumburgh Head ...	29.49	57	NE	6	0	29.50	- .19	57	47	- 1	NNE	4	0	5	53	48	0.01	
Stornoway ...	29.61	48	NE	3	r	29.71	+ .07	49	46	+ 1	N	2	0	4	57	44	0.18	
Thurso ...	29.53	57	NNE	5	0	29.61	+ .01	58	48	0	N	5	0	5	53	49	0.15	
Wick ...	29.53	50	NNE	5	r	29.60	+ .04	53	49	+ 3	NNW	3	0	3	53	46	0.23	
Nairn ...	29.53	50	NE	5	r	29.60	+ .11	49	47	- 1	NE	4	0	5	57	49	0.45	
Aberdeen ...	29.40	50	N	7	0	29.57	+ .18	57	49	- 1	NNW	4	0	5	53	46	0.43	
Leith ...	29.47	54	N	2	0	29.61	+ .30	53	50	0	N	2	0	*	57	49	0.10	
Shields ...	29.45	50	NNW	4	r	29.61	+ .35	53	50	- 10	N	2	0	3	63	50	0.28	
Scarborough ...	29.42	60	W	3	bc	29.59	+ .26	53	52	- 14	NE	2	0	2	69	53	0.24	
York ...	29.63	61	W	4	0	29.63	+ .30	53	52	- 13	NE	1	0	*	68	52	0.05	
Nottingham ...	29.60	62	SW	3	b	29.57	+ .03	64	61	- 4	SW	2	0	*	75	53	0.18	
Ardrossan ...	29.49	54	W	2	r	29.63	+ .32	57	49	- 2	W	1	0	0	55	50	0.24	
Greencastle ...	29.54	52	NNW	3	0	29.66	+ .28	57	50	- 1	NNE	2	0	*	56	49	0.25	
Doughadee ...	29.53	56	W	3	bc	29.62	+ .28	52	57	- 2	NNE	5	0	4	58	57	0.02	
Kingstown ...	29.56	63	NNW	2	0	29.61	+ .16	57	52	- 5	NNW	4	0	3	65	53	0.13	
Holyhead ...	29.56	59	WSW	4	r	29.58	+ .05	54	53	- 4	NNW	3	0	2	63	53	0.15	
Liverpool (Bidston) ...	29.56	59	SW	5	a	29.53	+ .13	60	56	+ 4	SSE	1	0	1	64	55	0.04	
Valencia ...	29.60	60	WSW	2	bc	29.79	+ .20	57	57	- 4	N	4	0	4	64	57	0.09	
Roche's Point ...	29.62	58	WSW	4	bc	29.69	+ .12	55	57	- 4	N	4	0	3	65	52	-	
Pembroke ...	29.63	61	SW	1	0	29.59	+ .05	57	54	- 3	W	1	0	2	63	55	0.01	
Portishead ...	29.66	64	SW	5	0	29.57	+ .04	61	59	- 4	SSW	6	0	0	65	55	0.20	
Scilly ...	29.70	66	SSW	4	0	29.70	+ .06	61	58	- 2	WSW	4	0	*	72	60	0.26	
Plymouth ...	29.78	65	WSW	5	bc	29.68	.00	64	64	0	WSW	6	0	6	65	61	0.07	
Hurst Castle ...	29.70	65	WSW	4	bc	29.69	+ .07	60	62	- 2	SSW	5	0	4	67	61	0.04	
Dover ...	29.69	71	W	3	b	29.53	+ .07	60	59	- 6	SW	3	0	*	70	58	0.65	
London ...	29.69	71	W	3	b	29.57	+ .05	62	59	- 4	SW	2	0	*	71	55	0.24	
Oxford ...	29.65	66	SW	4	bc	29.59	+ .10	57	57	- 9	SW	1	0	*	75	55	0.21	
Cambridge ...	29.61	69	W	5	b	29.62	+ .10	62	60	- 6	SW	4	0	3	74	57	0.12	
Yarmouth ...	29.61	69	W	5	b	29.62	+ .10	62	60	- 6	SW	4	0	3	74	57	0.12	
The Helder ...	29.61	69	W	5	b	29.62	+ .10	62	60	- 6	SW	4	0	3	74	57	0.12	
Cape Gris Nez ...	29.78	64	WSW	4	b	29.72	+ .06	63	61	- 3	WSW	6	0	5	68	55	0.16	
Jersey ...	29.80	61	SW	4	0	29.75	.00	61	59	- 2	SW	7	0	6	68	58	0.27	
Brest ...	29.82	?	SW	4	0	29.85	.00	61	59	0	W	4	0	5	66	59	-	
L'Orient ...	29.86	63	W	2	0	29.86	- .02	64	61	0	W	5	0	5	72	61	-	
Rochefort ...	29.95	73	W	3	bc	30.00	+ .06	70	64	+ 2	WSW	5	0	3	81	59	-	
Biarritz ...	29.95	77	NNE	1	0	29.99	+ .03	68	66	- 2	W	0	0	3	82	64	0.08	
Corunna ...	29.95	75	W	1	0	29.95	- .12	73	70	0	E	5	0	4	77	72	-	
Brussels ...	29.79	61	SW	6	b	29.79	+ .06	61	57	- 7	SW	6	0	*	*	*	0.05	
Charleville ...	29.80	60	S	7	0	29.80	+ .08	60	57	0	S	7	0	*	*	*	-	
Paris ...	29.84	73	SW	3	bc	29.89	+ .05	63	57	- 6	S	3	0	*	*	*	-	
Lyons ...	29.98	73	SE	1	0	29.98	+ .01	63	57	- 5	SE	1	0	*	*	*	-	
Toulon ...	29.95	75	E	1	0	29.95	- .12	73	70	0	E	5	0	4	77	72	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.36	53	48	E	5	b	Valencia ...	29.61	63	59	WSW	3	bc
Thurso ...	29.54	57	49	NNE	5	p	Scilly ...	29.67	67	61	WSW	3	bc
Scarborough ...	29.42	63	58	W	5	c	London ...	29.67	67	61	WSW	3	bc
Greencastle ...	29.47	54	53	NNE	2	0	Rochefort ...	29.93	75	66	NN	4	bc
Holyhead ...	29.53	60	58	WSW	4	sm							

The depression noticed in the NE this morning is moving to the NE over the North Sea and the barometer is rising at all but our NW stations. The weather is improving in the S. but the rain in Scotland has not yet ceased. A sharp shower occurred in London at about 1.30 p.m.

EXPLANATION OF COLUMNS.

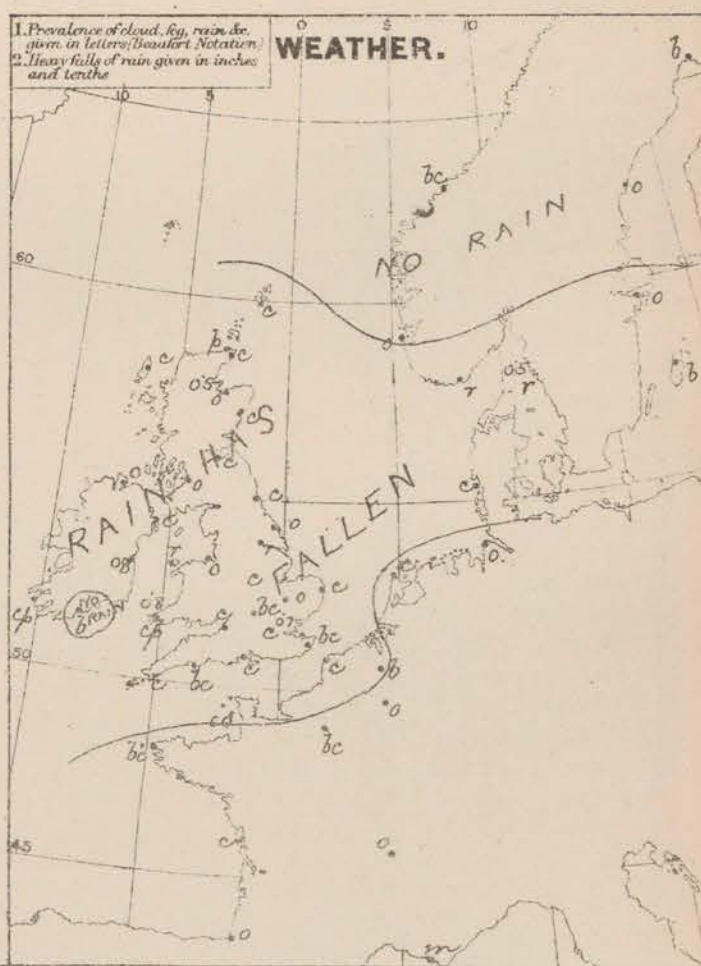
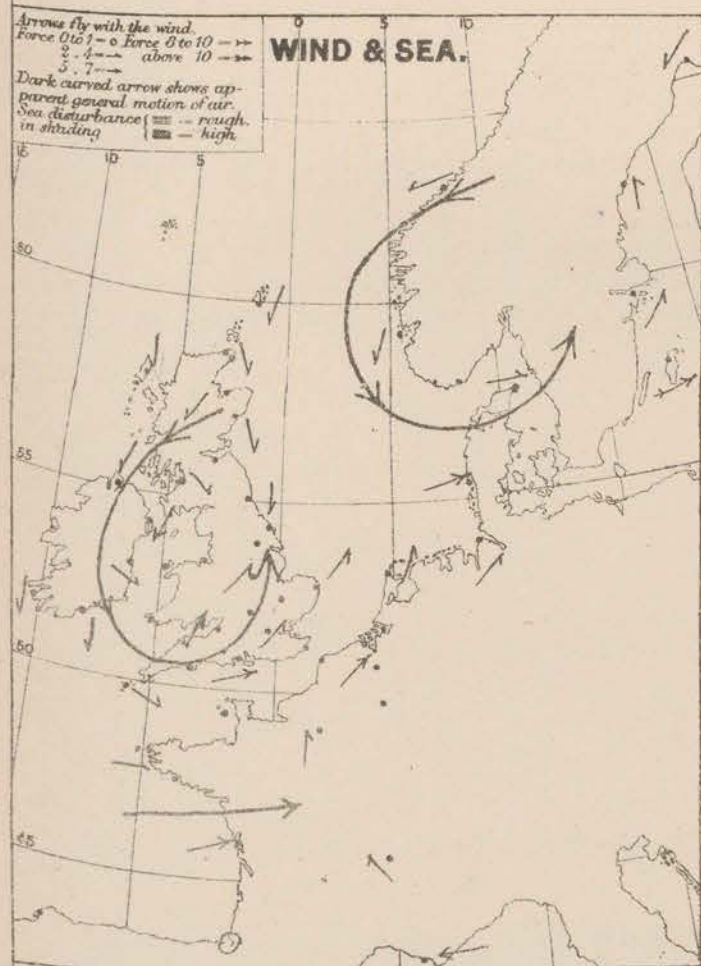
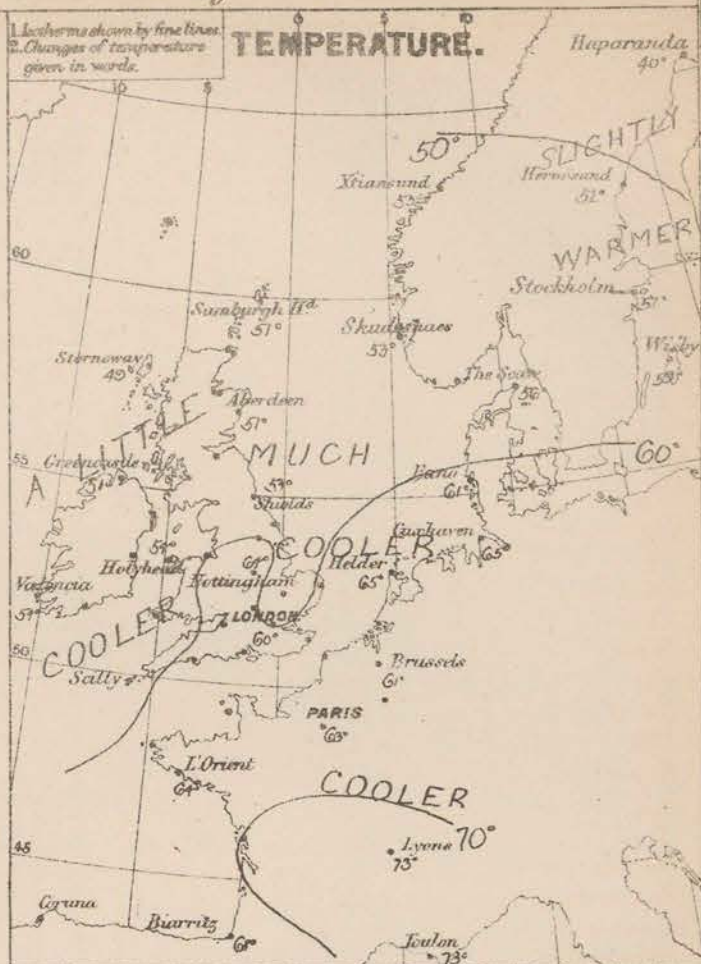
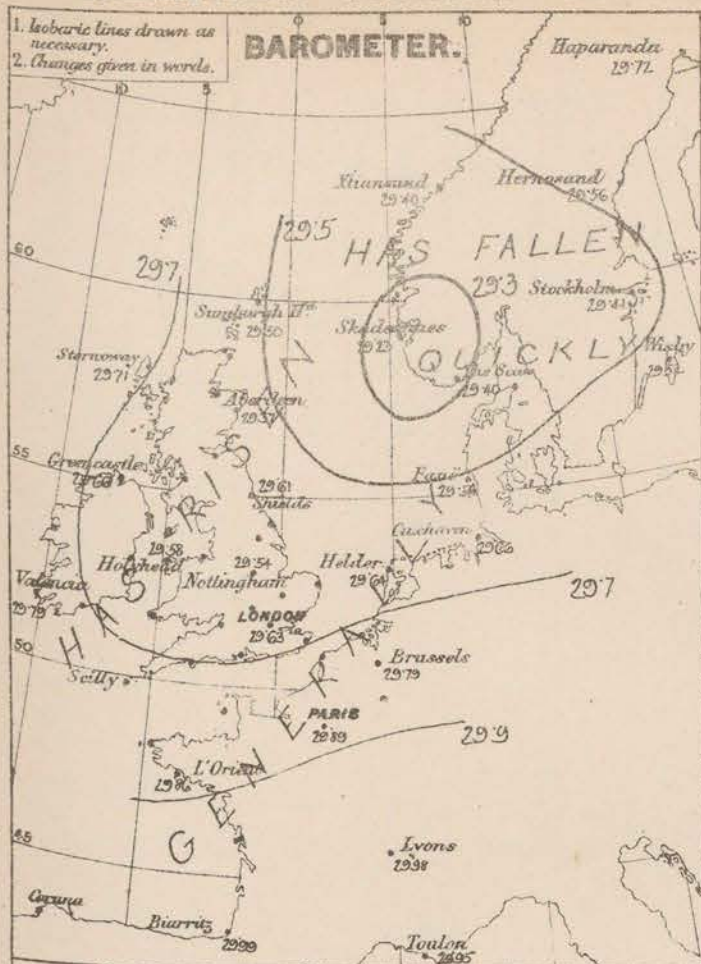
WEATHER.—Beaufort Scale is, b. blue sky; a. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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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 Wednesday 22ND AUGST 1877.*



REMARKS. Weather is very cloudy over our Islands and their neighbourhood, with rain at several stations. Rain has fallen over the whole of the Kingdom since yesterday morning, the largest quantities reported being 0.8 in at Pembroke, 0.7 in. in London, and 0.4 in at Harrow and Abertown. Temperature has decreased very generally, and is about 50° in Scotland, 56° in Ireland and 57° to 64° over the central and southern parts of England. The maximum point reached yesterday was only 75° over England and 81° at Rochefort. Wind is moderate from the N^W in Scotland and Ireland, strong from W in the Channel, moderate from SW in the south east of England; on the eastern shores of the North Sea it is SW, and blows a slight gale at Coo. Sea is rather rough in the north, very rough in the Channel.

Barometrical Indications. The depression noticed yesterday has reached the north of Norway but a new and shallower one has come in from the W^W during the night, and now has its centre over Wales. In its rear (i.e. over Ireland) the barometer is rising briskly, and the rise will probably spread over the rest of the country during the day.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT August 23rd 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.61	46	Z	0	c	29.59	- .13	41	39	+ .1	NE	2	bc	*	*	*	-	
Hernösand ...	29.42	50	NE	6	r	29.45	- .11	50	47	- .2	NE	6	c	*	*	*	0.08	
Stockholm ...	29.38	60	NSH	6	c	29.40	+ .04	37	53	0	NSH	4	o	*	*	*	-	
Wisby ...	29.52	40	N	8	bc	29.50	+ .02	59	58	0	NNH	6	bc	*	*	*	-	
Christiansund ...	29.40	51	NNE	3	bc	29.42	+ .02	51	48	- .2	NNE	2	o	3	55	46	-	
Skudesnaes ...	29.41	53	NNH	6	o	29.50	+ .27	54	50	+ .1	NNH	6	r	4	55	52	0.08	
Oxö (Xtiansand) ...	29.39	55	NSH	6	c	29.50	+ .24	53	49	- .1	NSH	4	bc	3	57	50	-	
Skagen (The Seaw) ...	29.38	54	N	7	bc	29.53	+ .13	56	52	0	N	4	c	4	61	46	-	
Fanö ...	29.56	58	Z	0	r	29.56	+ .02	56	55	- .5	ENE	2	r	*	64	55	0.20	
Cuxhaven ...	29.68	?	NSH	3	r	29.68	+ .02	60	57	- .5	NSH	6	o	*	68	57	0.05	
Sumburgh Head ...	29.59	50	N	5	c	29.70	+ .20	50	48	- .1	N	4	c	4	56	45	0.02	
Stornoway ...	29.78	50	N	3	bc	29.80	+ .12	46	45	- .3	NN	1	bc	3	53	38	0.03	
Thurso ...	29.69	50	N	4	c	29.79	+ .18	45	45	- .2	NNH	4	c	4	56	48	0.11	
Wick ...	29.70	50	NNH	2	bc	29.79	+ .17	45	47	+ .4	N	2	bc	1	56	40	0.09	
Nairn ...	29.75	52	N	2	bc	29.74	+ .17	49	44	0	NNH	2	bc	3	54	64	0.08	
Aberdeen ...	29.65	52	N	3	bc	29.79	+ .20	53	47	- .1	NNH	3	bc	2	56	44	-	
Leith ...	29.72	52	Z	0	c	29.86	+ .20	5	47	- .2	NSH	1	c	*	62	47	0.08	
Shields ...	29.68	50	N	1	r	29.86	+ .25	49	44	- .4	NNH	1	off	2	52	48	0.28	
Scarborough ...	29.61	53	NE	5	r	29.85	+ .29	54	52	+ .1	NW	1	c	2	54	48	0.58	
York ...	29.65	49	NNH	3	r	29.88	+ .25	52	49	- .1	NNH	2	c	4	56	45	0.71	
Nottingham ...	29.70	53	NNH	2	o	29.93	+ .39	54	51	- .10	NNH	3	c	*	67	42	0.36	
Ardrossan ...	29.69	57	NW	3	bc	29.89	+ .26	49	46	- .2	NW	2	bc	1	59	46	-	
Greencastle ...	29.78	53	N	2	bc	29.92	+ .26	51	49	0	NSH	1	bc	*	56	41	0.56	
Donaghadee ...	29.77	53	N	5	bc	29.93	+ .31	49	47	- .3	NNH	4	bc	3	57	45	0.01	
Kingstown ...	29.80	55	NNH	4	c	30.01	+ .40	49	46	- .5	N	4	bc	4	55	46	0.03	
Holyhead ...	29.78	55	N	5	c	29.95	+ .37	52	49	- .2	NNH	5	c	4	56	50	0.05	
Liverpool (Bidston) ...	29.72	52	N	1	o	29.93	+ .40	52	48	- .8	N	5	c	4	60	50	0.94	
Valencia ...	29.85	58	NNH	4	bc	30.10	+ .31	57	51	+ .3	NNH	1	bc	2	61	42	0.10	
Roche's Point ...	29.67	58	N	4	bc	30.07	+ .38	52	48	- .3	NN	2	bc	3	61	46	0.02	
Pembroke ...	29.79	56	NH	2	c	30.03	+ .44	54	48	- .3	NNH	2	bc	2	58	52	0.10	
Portishead ...	29.71	59	NSH	5	bc	30.00	+ .40	54	50	- .7	NSH	3	bc	4	65	50	-	
Seilly ...	29.82	60	NNH	3	bc	30.04	+ .34	54	52	- .7	NW	2	bc	*	67	50	-	
Plymouth ...	29.78	64	N	6	c	30.00	+ .32	59	57	- .5	NN	1	bc	2	64	49	-	
Hurst Castle ...	29.72	62	NSH	4	bc	29.95	+ .29	59	53	- .6	NNH	3	bc	2	66	52	-	
Dover ...	29.69	68	NSH	3	bc	29.98	+ .35	50	57	- .5	NN	2	bc	*	72	47	0.03	
Oxford ...	29.69	68	NSH	3	bc	29.98	+ .35	50	57	- .5	NN	2	bc	*	72	47	0.03	
Cambridge ...	29.62	61	NN	1	o	29.97	+ .38	54	50	- .3	NN	1	bc	*	70	45	0.06	
Yarmouth ...	29.60	65	N	3	bc	29.91	+ .29	54	54	- .8	NNH	3	bc	3	67	46	0.03	
The Helder ...	29.60	65	N	3	bc	29.91	+ .29	54	54	- .8	NNH	3	bc	*	67	46	0.03	
Cape Gris Nez ...	29.76	63	NSH	5	bc	29.99	+ .27	55	54	- .8	NN	2	bc	2	65	54	0.12	
Jersey ...	29.86	60	N	6	c	30.05	+ .30	55	55	- .2	NN	3	bc	4	64	59	0.01	
Brest ...	29.99	?	NW	3	o	30.14	+ .29	59	54	- .2	NNH	2	bc	3	64	55	-	
L'Orient ...	29.95	64	NNH	5	bc	30.12	+ .26	59	55	- .5	NNH	3	bc	2	70	54	-	
Rochefort ...	29.99	68	N	5	o	30.09	+ .09	64	61	- .6	NE	3	c	3	70	64	0.08	
Biarritz ...	30.02	75	NNE	4	o	30.10	+ .11	64	63	- .4	ENE	1	r	3	51	59	0.59	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	29.93	+ .14	58	*	- .3	NSH	1	o	*	*	*	-	
Charleville ...	*	*	*	*	*	29.91	+ .08	58	*	- .8	NSH	1	o	*	*	*	*	
Paris ...	29.88	66	NN	4	o	30.03	+ .14	58	*	- .5	N	2	c	*	*	*	0.08	
Lyons ...	*	*	*	*	*	30.06	+ .08	69	*	- .4	NN	2	r	*	*	*	*	
Toulon ...	29.96	72	SSE	3	m	29.95	.00	78	70	0	E	3	m	3	81	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...	29.56	55	53	NSW	4	o	Valencia ...	29.89	60	53	NNW	4	bc	4
Thurso	29.66	55	50	N	5	bc	Seilly							
Scarborough ...	29.59	54	52	ENE	3	o	London	29.64	69	60	NSW	3	bc	*
Greencastle ...	29.73	55	50	N	3	c	Rochefort ...	29.98	68	64	N	6	o	3
Holyhead	29.66	55	53	NNW	5	c								

The barometer is rising at all but our E.M. stations. The depression has reached Lincolnshire and NW to NE winds are gradually spreading over the country. The weather is still showery in London.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; 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 & dew.

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

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

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

DAILY WEATHER REPORT

August 24th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		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 ...	29.64	48	Z	0	bc	29.75	+ .16	42	40	+ 1	N	2	bc	*	*	*	-	
Hernösand ...	29.61	51	NE	2	c	29.70	+ .25	50	48	0	NNE	2	c	*	*	*	-	
Stockholm ...	29.52	58	SSW	2	c	29.67	+ .22	55	51	- 2	WSW	6	bc	*	*	*	-	
Wisby ...	29.62	60	NN	2	bc	29.75	+ .19	55	50	- 4	WNW	8	c	*	*	*	0.24	
Christiansund ...	29.57	49	NNW	2	bc	29.71	+ .29	49	47	- 2	WSW	3	c	2	?	46	-	
Skudesnaes ...	29.75	52	WNW	6	c	29.90	+ .40	53	48	- 1	NNW	4	bc	2	57	52	0.04	
Oxö (Xiensand) ...	29.71	55	N	6	bc	29.85	+ .35	57	46	- 2	WSW	4	bc	3	59	45	-	
Skagen (The Seaw) ...	29.69	55	NNW	7	bc	29.80	+ .27	55	48	- 1	WNW	6	bc	6	61	50	-	
Fanö ...	29.94	56	W	4	c	30.01	+ .45	59	53	+ 3	NW	14	bc	*	61	54	0.24	
Cuxhaven ...	29.95	?	NNW	4	c	30.06	+ .38	55	53	- 5	NNW	2	bc	*	61	52	0.17	
Sumburgh Head ...	29.83	49	NNW	3	bc	29.83	+ .13	46	45	- 4	W	2	c	2	56	42	0.28	
Stornoway ...	29.89	53	WSW	2	bc	29.88	+ .03	49	47	+ 3	NNW	1	bc	3	55	44	0.02	
Thurso ...	29.89	49	NNW	2	bc	29.84	+ .05	45	47	0	WSW	2	c	3	57	43	0.04	
Wick ...	29.98	52	NW	2	bc	29.85	+ .06	50	48	+ 1	N	2	c	0	56	44	-	
Naim ...	29.92	52	NNW	1	bc	29.88	+ .24	50	46	+ 1	NNW	1	bc	2	56	42	0.02	
Aberdeen ...	29.91	51	N	1	bc	29.91	+ .12	51	48	+ 1	SW	1	bc	1	56	40	0.05	
Leith ...	29.94	53	NW	2	bc	29.96	+ .10	55	51	+ 4	WSW	3	bc	*	67	41	-	
Shields ...	29.99	50	N	2	bc	30.05	+ .19	57	48	+ 2	SW	2	c	2	58	44	0.11	
Scarborough ...	30.05	52	SW	2	c	30.09	+ .21	52	50	- 2	WSW	2	c	*	54	44	0.35	
York ...	30.02	53	N	3	bc	30.11	+ .23	57	49	- 1	SSW	2	c	*	62	42	-	
Nottingham ...	30.08	55	NNW	1	bc	30.15	+ .22	53	50	- 1	SW	1	bc	*	65	38	0.01	
Ardrossan ...	29.98	57	NNW	3	bc	29.98	+ .09	55	52	+ 6	SW	3	c	3	59	45	-	
Greencastle ...	29.98	55	N	1	bc	29.98	+ .04	54	52	+ 3	N	2	c	*	60	46	0.08	
Donaghadee ...	30.03	54	S	2	bc	30.03	+ .10	57	48	+ 2	N	4	bc	3	59	46	-	
Kingstown ...	30.07	58	NN	3	bc	30.09	+ .08	52	51	+ 5	S	2	bc	1	59	48	0.04	
Holyhead ...	30.04	55	SW	3	bc	30.08	+ .13	55	53	+ 3	WSW	4	bc	3	54	51	-	
Liverpool (Bidston) ...	30.05	55	N	3	bc	30.10	+ .17	57	52	+ 5	SW	2	bc	2	57	50	-	
Valencia ...	30.11	58	SW	3	c	30.09	- .04	56	54	- 1	SSE	2	c	3	61	48	0.05	
Roche's Point... ..	30.12	60	W	4	bc	30.11	+ .04	54	52	+ 2	N	1	bc	2	62	49	0.02	
Pembroke ...	30.12	58	N	2	bc	30.14	+ .11	57	52	+ 4	SW	2	bc	2	68	53	-	
Portishead ...	30.09	56	N	5	bc	30.16	+ .16	54	51	0	WSW	3	bc	3	63	45	0.05	
Scilly ...	30.15	58	NW	2	bc	30.18	+ .14	53	50	- 1	NE	1	bc	*	65	41	-	
Plymouth ...	30.11	61	NW	2	bc	30.23	+ .23	56	52	- 3	NE	2	bc	2	64	43	-	
Hurst Castle ...	30.08	60	NNW	3	bc	30.19	+ .21	62	56	+ 3	Z	0	bc	1	66	51	-	
Dover ...	30.09	62	WNW	2	bc	30.20	+ .22	57	48	- 4	Z	0	bc	*	66	41	-	
London ...	30.15	57	N	3	bc	30.18	+ .20	52	49	- 7	Z	0	bc	*	63	40	-	
Oxford ...	30.06	57	NNW	1	c	30.18	+ .21	52	51	0	SW	1	bc	*	64	39	-	
Cambridge ...	30.14	57	NN	3	bc	30.16	+ .25	54	50	0	NNW	2	bc	2	63	44	-	
Yarmouth ...	30.12	57	N	3	bc	30.12	+ .29	59	53	0	N	2	c	*	*	*	0.12	
The Helder ...	30.08	63	WSW	4	bc	30.20	+ .21	59	54	+ 4	E	1	bc	0	64	54	-	
Cape Gris Nez ...	30.18	59	NNW	2	bc	30.20	+ .15	61	55	+ 2	E	1	bc	2	64	52	-	
Brest ...	30.24	?	NW	2	bc	30.18	+ .04	55	52	- 4	ESE	3	c	3	64	48	-	
L'Orient ...	30.18	63	NN	4	bc	30.16	+ .04	57	54	- 2	E	3	bc	2	70	50	-	
Rochefort ...	30.14	70	NN	4	bc	30.09	00	61	57	- 3	E	3	c	3	79	55	-	
Biarritz ...	30.15	72	NNW	4	c	30.03	- .07	61	59	- 3	ENE	3	c	3	72	55	0.05	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	30.20	+ .27	52	*	- 6	SW	3	bc	*	*	*	-	
Charleville ...	*	*	*	*	*	30.18	+ .26	48	*	- 10	SE	3	f	*	*	*	*	
Paris ...	30.13	64	NW	2	c	30.21	+ .18	59	*	+ 1	NNE	3	bc	*	*	*	-	
Lyons ...	*	*	*	*	*	30.17	+ .11	66	*	- 3	NN	2	bc	*	*	*	*	
Toulon ...	29.95	75	NW	5	bc	29.95	00	48	64	+ 2	S	1	bc	2	79	73	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.03	57	50	NNW	6	c	4	Valencia	30.13	61	53	SW	3	bc	4
Thurso	29.87	53	47	NW	3	bc	4	Scilly							
Scarborough ...	29.97	52	51	SE	2	c	2	London	30.05	62	57	NNW	3	bc	*
Greencastle ...	29.98	57	50	WNW	2	bc	*	Rochefort ...	30.13	70	63	NY	4	bc	3
Holyhead	30.05	55	57	WNW	4	bc	3								

The barometer has ceased rising at Valencia since Noon, and the wind there has backed to the SW, but with fine weather. In the E. and N. the rise continues.

EXPLANATION OF COLUMNS.

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

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

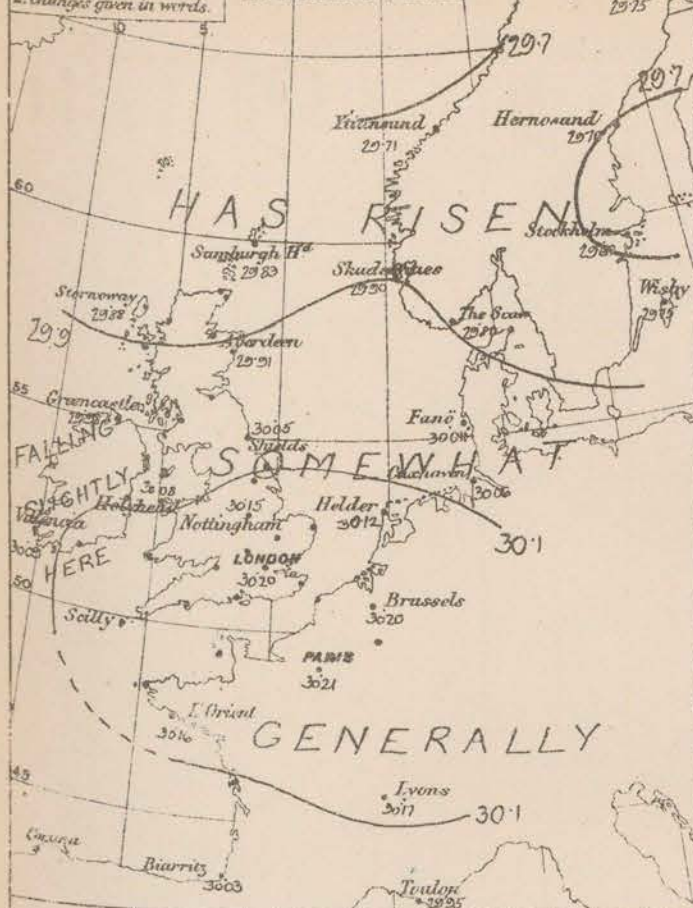
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Friday 24th AUG. 1877.

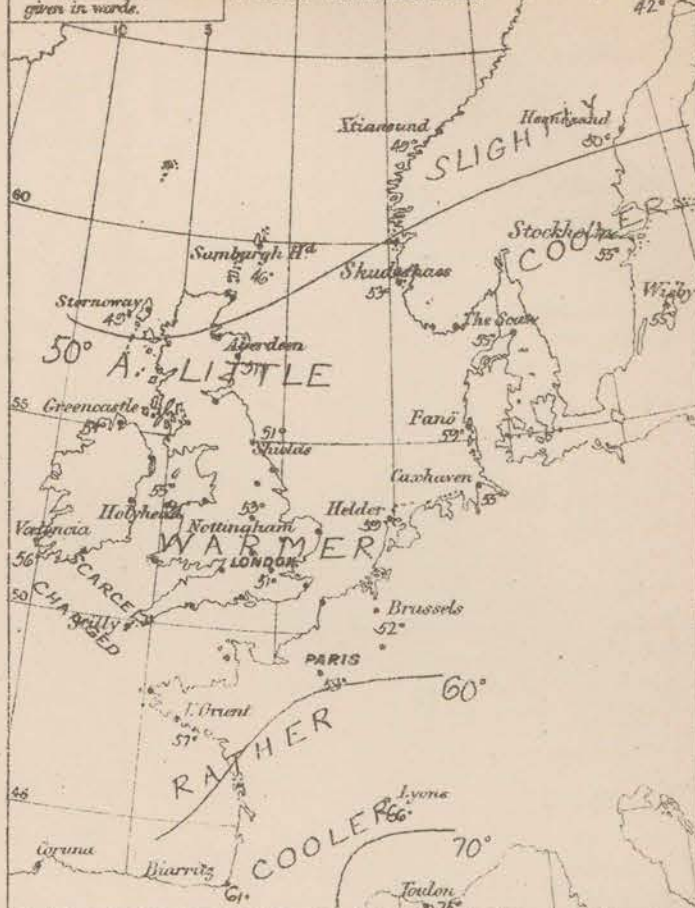
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



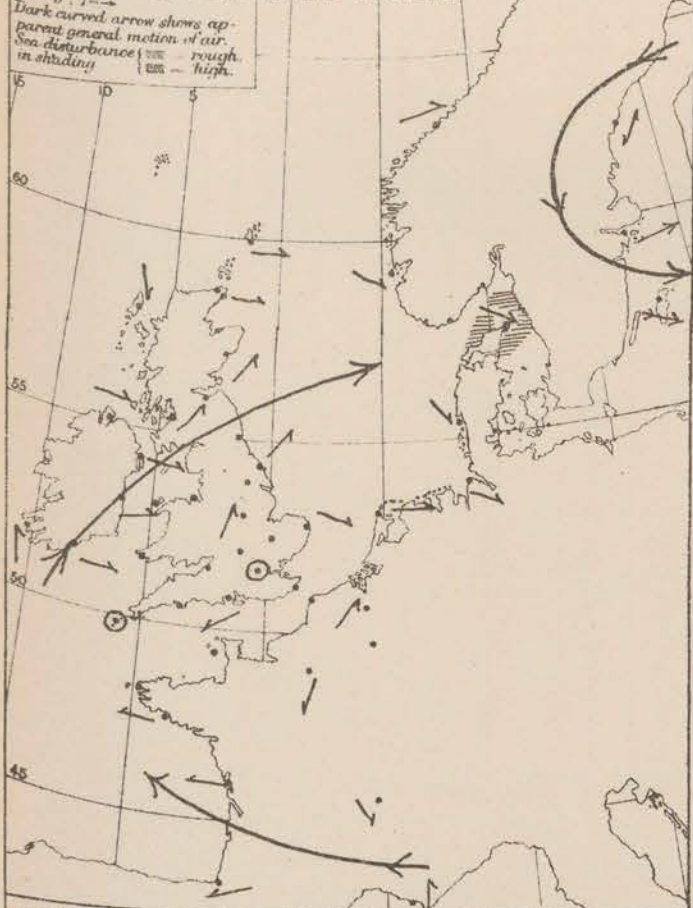
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



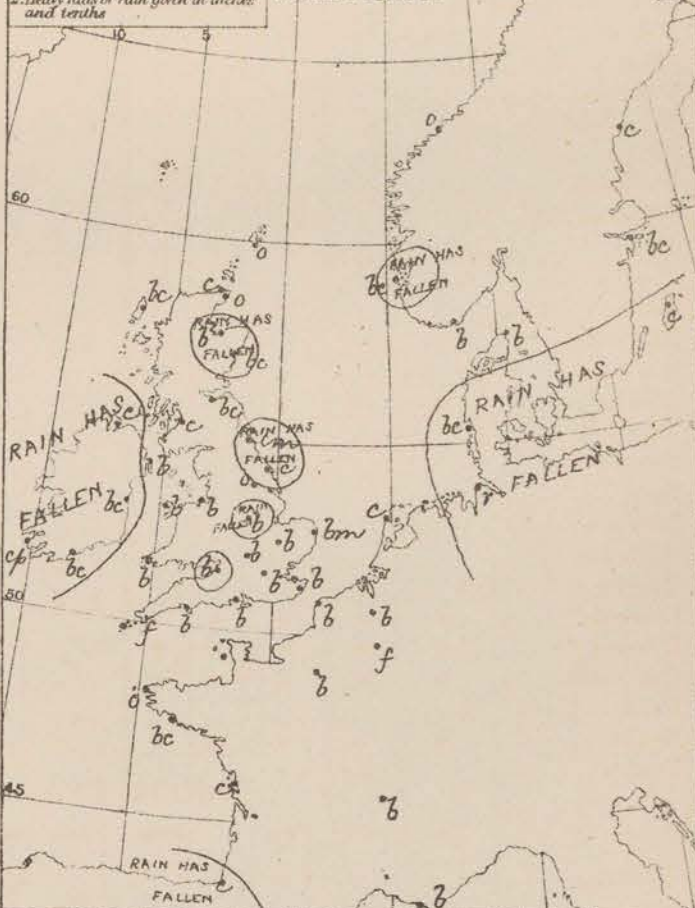
1. Force of the wind.
2. Force of the sea.
3. Force of the air.
4. Force of the rain.
5. Force of the snow.
6. Force of the hail.
7. Force of the fog.
8. Force of the ice.
9. Force of the lightning.
10. Force of the thunder.

WIND & SEA.



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

WEATHER.



REMARKS. Weather is fine and dry over nearly the whole of Western Europe, but cloudy at several of the northern stations, and stormy at Valentia and Carthagen. Rain fell in small quantity at many of our stations yesterday, and thunder showers in the north of England. Temperature has risen along our western coasts, and the rise seems to be spreading E. It was very low over our islands yesterday, the maximum values not exceeding 60° in any part of the Kingdom, and even that was recorded at Pembroke only. In the course of the night the shaded thermometers went down to 35° at Nottingham, 39° at Cambridge, 40° at Oxford and 41° in London, while the grass thermometers in London indicates a slight frost. Wind is light generally. It is SSE at Valentia, S to W in Scotland and the east of Ireland as well as over England and the North Sea. Calms prevail over our southern countries, and E breezes in the west and north of France as well as at Jersey and Hurst Castle. Sea is smooth generally.

Barometrical Indications. The barometer still rises over our islands and their neighbourhood generally, the readings now ranging from 30.20 in the Channel and north-east of France to 29.7 in at Christianmound and Stockholm and to 29.5 in at Toulon. At Valentia the mercury has begun to fall very slowly and this, taken in connection with the SSE wind and showers reported there, points to disturbed weather over the Atlantic and likely to encroach gradually on our western and northern 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 August 25th 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	Barometer.		SEASIDE TEMP.			WIND.		Weather.	Sea. (0 to 2.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.78	43	Z	0	bc	29.86	+ .11	43	88	+ 1	NE	2	bc	*	*	*	-		
Hernösand ...	29.82	49	Z	0	bc	29.91	+ .21	53	51	+ 3	NW	2	bc	*	*	*	-		
Stockholm ...	29.74	52	SSW	4	o	29.96	+ .29	449	448	- 6	NW	4	o	*	*	*	0.54		
Wisby ...	29.86	56	NW	5	o	29.98	+ .23	54	50	- 1	NW	9	c	*	*	*	-		
Christiansund ...	29.88	50	N	2	c	29.85	+ .11	58	45	+ 1	SE	2	c	2	52	50	-		
Skudesnaes ...	29.95	51	S	4	f	30.06	+ .16	56	50	+ 3	Z	0	bc	3	?	50	-		
Oxö (Klansand) ...	30.01	54	WSW	4	bc	30.06	+ .21	52	50	+ 1	NNW	2	bc	2	59	48	-		
Skagen (The Skaw) ...	29.99	54	NW	8	bc	30.08	+ .28	55	52	0	NW	3	c	2	51	42	-		
Fanö ...	30.14	56	N	4	bc	30.14	+ .13	62	56	+ 3	SW	5	c	*	53	44	-		
Cuxhaven ...	30.20	4	NW	3	o	30.19	+ .13	67	54	+ 3	SE	2	o	*	51	45	0.15		
Sumburgh Head ...	29.93	47	NW	3	bc	30.01	+ .18	50	46	+ 4	SW	1	bc	1	54	39	0.01		
Stornoway ...	29.98	53	Z	0	bc	29.96	+ .08	50	49	+ 1	SW	1	bc	2	56	40	0.14		
Thurso ...	29.97	51	NW	1	bc	30.00	+ .16	49	48	+ 1	S	1	bc	2	55	38	-		
Wick ...	30.01	48	N	1	bc	29.99	+ .14	57	49	+ 1	SSE	1	bc	0	57	37	0.04		
Nairn ...	30.01	56	Z	0	f	30.03	+ .14	45	43	- 5	Z	0	bc	1	60	38	0.24		
Aberdeen ...	29.97	53	N	1	bc	30.03	+ .12	47	46	- 4	Z	0	bc	1	61	39	0.10		
Leith ...	29.99	58	N	3	bc	30.01	+ .05	57	52	+ 2	SE	1	bc	*	63	41	0.16		
Shields ...	30.06	61	N	2	bc	30.03	- .02	52	50	+ 1	?	2	c	2	64	48	-		
Scarborough ...	30.09	55	WSW	2	c	30.03	- .06	55	54	+ 3	SSE	1	o	1	62	40	0.02		
York ...	30.10	59	WSW	1	bc	30.01	- .10	52	50	+ 1	E	1	o	4	63	47	-		
Nottingham ...	30.11	62	S	1	o	29.97	- .18	36	54	+ 3	SE	3	o	*	70	50	-		
Ardrossan ...	30.04	61	N	2	bc	29.98	- .06	50	48	- 5	NE	2	cm	1	65	46	0.02		
Greencastle ...	30.05	57	NNW	2	bc	29.92	- .06	56	55	+ 2	E	2	bc	*	60	37	0.08		
Donaghadee ...	30.06	55	S	0	o	29.99	- .04	56	55	+ 5	E	4	bc	3	62	51	-		
Kingstown ...	30.07	59	SSE	1	o	29.87	- .22	57	52	+ 3	E	4	bc	4	61	52	-		
Holyhead ...	30.08	59	SW	1	o	29.87	- .21	55	52	0	ENE	4	cm	3	62	53	-		
Liverpool (Bidston) ...	30.10	61	NW	1	o	29.91	- .19	55	51	- 2	E	3	o	1	62	52	-		
Valencia ...	30.02	59	SSE	1	o	29.98	- .11	55	52	- 1	N	2	o	3	62	52	0.11		
Roche's Point... ..	30.04	59	SSE	3	c	29.68	- .43	54	53	0	ENE	4	f	4	64	50	0.10		
Pembroke ...	30.09	60	S	1	c	29.73	- .41	58	56	0	E	5	o	3	63	56	0.01		
Portishead ...	30.10	64	Z	0	*o	29.84	- .22	55	54	+ 1	ENE	4	bc	4	68	51	0.03		
Scilly ...	30.08	57	E	2	o	29.70	- .48	58	57	+ 5	E	5	f	*	63	51	0.33		
Plymouth ...	30.10	58	SE	2	o	29.79	- .44	60	60	+ 4	E	3	f	3	63	?	0.19		
Dover ...	30.16	60	ESE	2	c	29.94	- .25	60	57	- 2	E	3	bc	2	64	58	-		
London ...	30.13	63	S	1	o	29.93	- .27	57	55	+ 6	SE	2	bc	*	69	50	0.03		
Oxford ...	*	*	*	*	*	29.89	- .29	56	54	+ 4	E	1	f	*	65	53	0.04		
Cambridge ...	30.18	60	S	1	o	29.96	- .22	58	56	+ 4	E	1	f	*	69	52	-		
Yarmouth ...	30.15	61	SSW	2	bc	29.99	- .17	61	57	+ 7	ESE	5	bc	4	63	57	-		
The Helder ...	*	*	*	*	*	30.07	- .05	60	56	+ 1	ESE	1	c	*	*	*	-		
Cape Gris Nez ...	30.16	61	NE	2	c	29.93	- .27	59	55	0	ESE	2	c	1	66	55	-		
Jersey ...	30.07	61	NE	4	o	29.70	- .50	62	59	+ 1	E	6	out	4	66	58	0.16		
Brest ...	30.01	64	ESE	3	o	29.56	- .52	63	61	+ 8	SE	4	bc	4	64	54	0.39		
L'Orient ...	29.99	64	S	1	bc	29.69	- .47	66	63	+ 9	S	3	c	3	73	54	0.08		
Rochefort ...	29.97	73	E	3	bc	29.72	- .37	73	66	+ 12	S	5	o	5	84	52	-		
Biarritz ...	29.86	79	ENE	5	bc	29.79	- .36	82	75	+ 21	SSE	3	o	2	88	63	-		
Corunna ...	*	*	*	*	*	29.78	- .37	71	*	*	SW	6	cd	1	*	*	*		
Brussels ...	*	*	*	*	*	29.99	- .21	55	*	+ 3	ENE	3	o	*	*	*	-		
Charleville ...	*	*	*	*	*	?	*	58	*	+ 10	NW	3	c	*	*	*	*		
Paris ...	30.10	68	E	2	bc	29.88	- .33	60	*	+ 1	SE	3	o	*	*	*	-		
Lyons ...	*	*	*	*	*	30.01	- .16	66	*	0	NNW	2	bc	*	*	*	*		
Toulon ...	29.97	73	NNW	4	bc	30.04	+ .07	73	64	- 2	E	3	bc	3	86	73	-		

YESTERDAY'S 9 P.M. REPORTS AND REMARKS

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.97	58	50	SW	2	bc	2	Valencia	30.07	60	54	SSE	2	bc	3
Thurso	29.93	54	48	NW	2	bc	3	Scilly							
Scarborough ...	30.06	?	?	WSW	2	bc	2	London	30.18	64	54	SW	1	bc	*
Greencastle ...	30.03	57	52	NW	2	bc	4	Rochefort ...	30.03	54	64	ESE	3	bc	3
Holyhead	30.12	61	57	SW	4	bc	3								

The barometer is now falling at all the NW and SW stations, but rising in the N. Temperature has risen very quickly in London and at Rochefort; at the latter station it is 84°.

EXPLANATION OF COLUMNS.

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

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

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

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

SUMMARY OF WEATHER IN WESTERN EUROPE

from August 19th to August 25th 1877.

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

The weather during this period was extremely unsettled. A large number of depressions have crossed over the country moving in a NE^{ly} direction, and bringing with them large quantities of rain - especially to the more N^{ly} countries - and in some cases sharp thunderstorms. The wind has been mainly S^{ly} to W^{ly} except in Scotland where it was generally NE^{ly}, and blew hard on the 21st. At the close of the week the E^{ly} wind prevailed on all our coasts, with cold, wet weather, and blew strongly both on our S.W. and S.E. coasts.

August 19th Readings at 8 am varied from about 30.1 ins: at Toulon and Lumburgh Heads, to about 29.6 ins: over the east of Sweden and also ^{over} Ireland. Over England some ill-defined subsidiary disturbance was found. Fresh ENE. winds prevailed in Scotland accompanied by continuous heavy rain; light W^{ly} breezes in the N. of France, and S^{ly} winds in England and Ireland, with rain at all but the S.W. stations. On the E^m shores of the North Sea the wind was NW^{ly}. Temperature rose except in the N. where it remained very low, and later in the day large quantities of rain fell in the S.W. The S.E.^m counties, however, had scarcely any rain.

August 20th Pressure remained high both in the extreme N. and S. and some small depressions passed from SW to NE. across the kingdom. A new one had just come in off the S.E. of Ireland. The winds differed very little from those of the 19th only that the E^{ly} breeze had spread S^{wd} over the N^m part of England, while its strength had diminished. Temperature rose and during the day it became as high as 81° in London, and 78° to 79° at our other inland stations. In the N. however, it remained very low, and large quantities of rain (1 to 2 ins.) again fell at our northern stations. By 6 P.M. the centre of the depression had reached the Irish Sea, and a N^{ly} breeze had set in on the Irish coast.

August 21st The centre of the depression last referred to had reached the north of England, where the barometer fell rather below 29.3 ins., while it was as high as 29.7 ins: in the Channel, 30.1 ins: in the south of France and 29.55 ins: over Norway. Moderate NE^{ly} gales were blowing in Scotland, with a temperature of 50° and steady rain, while fresh to strong W. and S.W. winds were felt in England and Ireland, with cloudy skies, and showery squally weather. Temperature was much lower than on the previous day. The maxima recorded in London and over Central England generally being only 75° - in some parts even lower. By 6 P.M. the centre of the disturbance was near Thidernaes, and the wind in Scotland drew into N. and began to lull.

August 22nd The depression noticed on the 21st now lay over the south of Norway and another (but very shallow one) had advanced from the Wrd during the night and lay over Wales. N^{ly} breezes were reported

from Scotland and Ireland, westerly winds in the Channel and Bay of Biscay, while south westerly breezes were felt in the inland and S.E. counties of England. Temperature fell very generally - most in the E., the change at Scarborough being 14° and dull weather prevailed at all but the S.W. stations, with a great deal of rain in the N. and N. and a smaller quantity in the E.

August 23rd The barometer had risen on all our coasts, and readings varied from 30.10 ins. in the south of Ireland and west of France, to 29.45 ins. over Scandinavia. N^W or N^W^{by} winds prevailed almost all over the country, and W^{by} winds on the E. shore of the North Sea. Temperature had decreased very generally, and was low all over the Kingdom. In the N.W. and N. the minimum during the night had been as low as 38° to 42° . The weather, however, became much more dry, and the sky clearer than it had been for some time previously.

August 24th The mercury had continued to rise at all but our most N.W. stations, where it had commenced falling during the night. Readings were now highest (30.20 ins. and upwards) over the Channel and N.E. of France. The wind had fallen light in our Islands, and was backing in every part of the Kingdom. At Valentia it had already become S.S.E.^{by}, with showery weather, but in other places the weather was fine. Over the Bay of Biscay a light E^{by} breeze was reported. Temperature was low everywhere. During the day slight showers fell in many parts of the Kingdom.

August 25th The barometer had fallen fast in the S.W. of our Islands during the night, while it had risen on the eastern shores of the North Sea. A rather deep depression was advancing towards our S.W. coasts, and the wind after backing to E. all over the Kingdom increased to a gale on our S.W. coast, and a strong breeze in the English and Irish Channels. Heavy rain set in on all but our N.W. coasts, where the weather became fine and bright, and thunder occurred in the S. and S.E. Temperature rose in the E. and S.E. districts, and fell in the N. but was still low generally. During the day the disturbance advanced to the Mouth of St. Georges Channel, when it changed its track, and moving eastwards arrived off the coast of Norfolk by 8 am 26th.

DAILY WEATHER REPORT

August 26th 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.		SEASIDE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SEASIDE 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 ...	29.98	44	NN	2	bc	30.07	+ .21	41	39	- 2	NE	4	bc	*	*	*	-	
Hernösand ...	29.98	50	SN	2	c	30.01	+ .10	52	48	- 1	N	2	bc	*	*	*	-	
Stockholm ...	30.02	52	SSN	2	bc	30.00	+ .04	57	53	+ 8	Z	0	bc	*	*	*	-	
Wisby ...	30.10	58	SN	4	bc	30.04	+ .03	55	53	+ 1	SSE	4	0	*	*	*	-	
Christiansund ...	30.00	50	NSN	4	bc	29.95	+ .10	48	45	- 2	ESE	1	bc	2	59	41	-	
Skudesnaes ...	29.79	57	NNE	2	bc	29.81	- .25	56	50	0	NE	4	0	2	57	?	-	
Oxö (Tjandsand) ...	30.01	56	W	4	bc	29.82	- .24	55	52	+ 3	NE	4	0	2	59	50	-	
Hagen (The Seaw) ...	30.05	57	Z	0	bc	29.82	- .26	56	51	+ 1	S	3	+	3	68	52	-	
Fanö ...	29.89	52	E	4	0	29.52	- .62	58	57	- 4	E	6	0	*	64	?	0.28	
Cuxhaven ...	29.49	52	ESE	4	+	29.56	- .63	64	63	+ 7	SSN	2	+	*	62	55	0.35	
Sumburgh Head ...	29.97	57	S	3	bc	29.87	- .14	52	49	+ 2	NE	3	bc	3	57	46	-	
Stornoway ...	29.98	53	NE	1	bc	29.82	- .14	52	51	+ 2	NE	1	bc	1	56	45	-	
Thurso ...	29.90	55	SE	2	bc	29.83	- .17	54	52	+ 5	ESE	1	0	2	62	48	-	
Wick ...	29.90	54	S	3	0	29.84	- .15	54	52	+ 3	ESE	2	0	1	60	49	-	
Nairn ...	29.82	55	Z	0	bc	29.82	- .20	58	47	+ 5	Z	0	c	1	57	45	-	
Aberdeen ...	29.87	54	SE	1	bc	29.76	- .27	55	53	+ 8	N	2	ow	1	60	44	-	
Leith ...	29.82	57	E	3	c	29.74	- .27	54	52	- 3	NE	4	+	*	62	52	0.20	
Shields ...	29.80	54	E	5	c	29.64	- .39	55	52	+ 3	NE	5	tm	5	58	51	0.49	
Scarborough ...	29.75	55	SE	5	c	29.55	- .48	57	57	+ 2	N	2	m	4	57	55	0.72	
York ...	29.72	57	SE	3	+	29.59	- .45	57	57	+ 5	NW	1	+	*	63	50	0.81	
Nottingham ...	29.63	58	ESE	6	+	29.58	- .39	59	58	+ 3	N	1	0	*	64	55	0.61	
Ardrossan ...	29.77	61	NE	3	c	29.76	- .22	55	57	+ 5	NE	3	0	2	60	50	-	
Greencastle ...	29.74	58	NW	2	c	29.79	- .13	56	53	0	N	1	bc	*	63	49	-	
Donaghadee ...	29.71	57	E	5	0	29.48	- .21	55	53	- 1	NNE	5	bc	4	59	53	0.01	
Kingstown ...	29.60	58	E	4	+	29.48	- .09	55	53	- 2	NW	4	c	4	59	54	0.32	
Holyhead ...	29.59	58	E	6	+	29.73	- .14	56	54	+ 1	N	5	om	4	61	54	0.31	
Liverpool (Bidston) ...	29.61	55	ENE	4	+	29.63	- .28	56	54	+ 1	NNW	2	0	2	61	54	0.74	
Valencia ...	29.55	53	NNE	5	+	29.86	+ .18	58	55	+ 3	Z	0	mc	1	58	52	0.59	
Roche's Point ...	29.45	54	NE	6	+	29.83	+ .15	55	52	+ 1	N	3	bc	4	59	54	0.82	
Pembroke ...	29.45	57	ESE	4	0	29.64	- .20	61	59	+ 6	N	3	bc	3	62	53	0.28	
Portishead ...	29.45	57	ESE	4	0	29.64	- .20	61	59	+ 6	N	3	bc	3	62	53	0.28	
Scilly ...	29.45	57	ESE	4	0	29.64	- .20	61	59	+ 6	N	3	bc	3	62	53	0.28	
Plymouth ...	29.58	62	SSE	4	0	29.78	+ .08	59	58	+ 1	NW	3	0	*	65	58	0.64	
Hurst Castle ...	29.58	66	SE	3	+	29.72	- .07	65	55	+ 5	N	5	0	5	68	57	0.25	
Dover ...	29.63	64	SE	3	c	29.53	- .41	68	62	+ 3	WSW	4	c	4	66	60	1.08	
London ...	29.59	62	ESE	3	op	29.55	- .38	62	61	+ 5	WNW	2	c	*	63	57	0.70	
Oxford ...	29.59	62	ESE	3	op	29.60	- .29	60	59	+ 4	N	2	0	*	62	56	0.38	
Cambridge ...	29.62	58	E	1	+	29.55	- .41	60	59	+ 2	N	1	0	*	66	57	0.44	
Yarmouth ...	29.71	61	ESE	7	+	29.35	- .44	63	62	+ 2	WNW	2	bc	3	64	59	0.26	
The Helder ...	29.71	61	ESE	7	+	29.35	- .44	63	62	+ 2	WNW	2	bc	3	64	59	0.26	
Cape Gris Nez ...	29.86	68	SSE	3	bc	29.58	- .35	63	63	+ 4	WSW	4	+	6	70	55	0.47	
Jersey ...	29.53	66	S	7	c	29.82	+ .12	61	60	- 1	N	9	mc	7	73	59	0.23	
Brest ...	29.47	66	SSW	6	f	30.01	+ .85	61	59	- 2	NW	5	mc	7	66	59	0.20	
L'Orient ...	29.62	66	SN	4	m	30.02	+ .38	63	59	- 3	WNW	7	c	7	75	48	0.04	
Rochefort ...	29.83	77	SN	6	bc	30.10	+ .38	68	61	- 5	WNW	6	0	5	86	57	-	
Biarritz ...	29.85	82	S	4	c	30.20	+ .41	66	64	- 16	SN	3	c	5	90	64	-	
Corunna ...	29.85	82	S	4	c	30.20	+ .41	66	64	- 16	SN	3	c	5	90	64	-	
Brussels ...	29.85	82	S	4	c	30.20	+ .41	66	64	- 16	SN	3	c	5	90	64	-	
Charleville ...	29.85	82	S	4	c	30.20	+ .41	66	64	- 16	SN	3	c	5	90	64	-	
Paris ...	29.43	77	WSW	3	c	29.83	- .05	64	64	+ 4	SN	7	0	*	68	57	-	
Lyons ...	29.43	77	WSW	3	c	29.83	- .05	64	64	+ 4	SN	7	0	*	68	57	-	
Toulon ...	30.04	79	SE	1	bc	30.04	0.00	73	66	0	N	2	bc	2	86	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	49	WSW	2	bc	Valencia	29.55	55	54	NE	5	avg	5
Thurso	29.95	61	52	S	2	bc	Scilly							
Scarborough ...	29.89	57	52	SE	2	0	London	29.74	61	59	ESE	3	try.	*
Greencastle ...	29.81	61	56	ENE	2	bc	Rochefort ...	29.82	79	70	Z	0	0	5
Holyhead	29.68	59	56	E	6	om								

The barometer still falls fast in the SN, but very little in the N. The E⁴ wind is increasing in the N. and blows a slight gale in South Wales.
Harrings sent to our N. and NE coasts.

EXPLANATION OF COLUMNS.

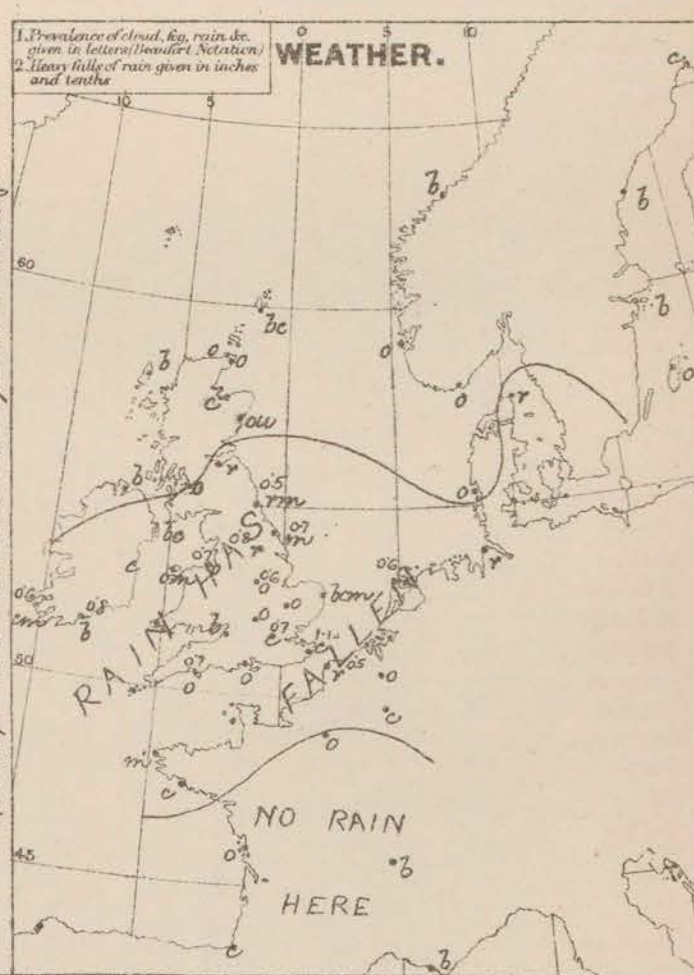
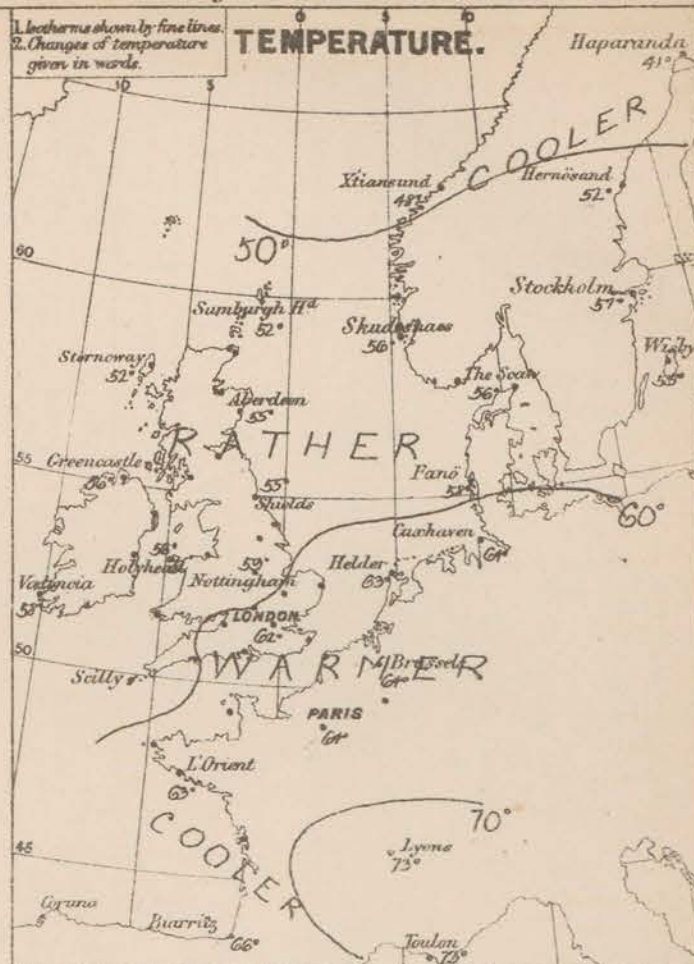
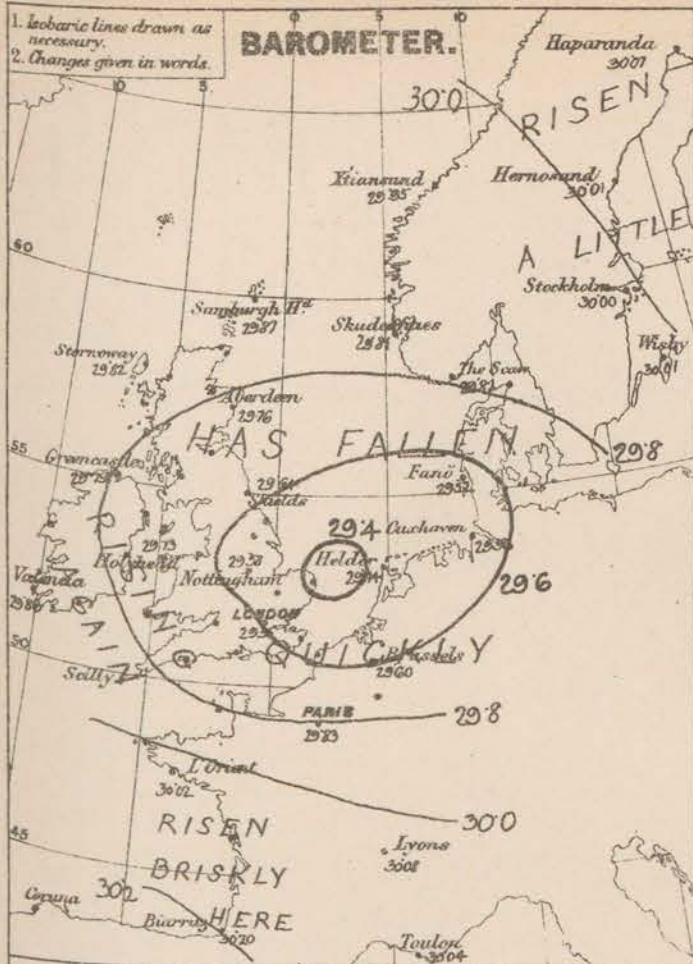
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Sunday 26th Augst 1877.



REMARKS. Weather is in a dull and unsettled condition over the whole of St. Britain and France, and rain is falling in our north eastern counties as well as in North Germany and the Straits of Dover. In Ireland it is at present moderately fine. Rain has fallen at all but the Scotch stations, and in many places the fall has been very heavy; 1.1 in. has fallen at Dover, 0.8 in. at Rother, 0.7 in. at York, 0.7 in. at Scarborough, Liverpool, Plymouth and in London, 0.6 in. at Valentia and 0.5 in. at Shields and Cape Breton, with 0.4 in. at Cambridge. Temperature has risen a few degrees except in the Bay of Biscay, where it has fallen fast. It is now about 54° over Scotland, 53° in Ireland and 62° or 63° in the south and south east of England. Wind is moderate from NE in the north and rather fresh from N. in the west, while it is W. in the Channel. On our side of the Channel it is moderate but on the French side it blows a stiff W. gale, while a strong S.W. gale is felt at Brussels. Sea is high in the Channel and rather rough off our north east coast, moderate in the west, smooth in the north.

Barometrical Indications. The depression which was approaching our coast, westwards from the S. yesterday, reached the Solly Isles at about 6 p.m. but soon after this it changed its course, and, travelling ENE. during the night, has now arrived off Yarmouth. Its pressure has remained high in the south of France. W. gales of considerable strength have been felt in that country, while the E. wind and gales in our islands have subsided and W. breezes have set in over the southern counties.

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

August 27th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. to shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sun. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...														*	*	*		
Hernösand ...														*	*	*		
Stockholm ...														*	*	*		
Wisby ...														*	*	*		
Christiansund ...	29.87	44	NE	4	h	29.81	- .04	.57	48	+ 2	ENE	1	0	2	54	41	-	
Skudesnaes ...	29.76	53	NNE	2	h	29.50	- .04	.57	53	+ 1	Z	0	0	1	57	?	-	
Oxö (Ålön) ...	29.62	52	NE	7	h	29.75	- .07	.53	57	- 2	NNW	4	0	2	57	48	-	
Skagen (The Seaw.)	29.53	53	E	5	h	29.66	- .16	.52	52	- 4	ENE	4	7	3	57	45	0.57	
Fanö ...	29.52	50	NNW	4	0	29.74	+ .27	.57	54	- 1	NN	6	0	*	604	55	0.52	
Cuxhaven ...	29.58	54	W	5	0	29.88	+ .32	.61	58	- 3	NN	4	0	*	66	57	0.18	
Sumburgh Head	29.59	50	NE	3	0	29.89	+ .32	.55	46	- 2	NE	1	0	1	57	40	-	
Stornoway	29.58	58	ENE	2	0	29.83	+ .01	.53	57	+ 1	SW	1	0	1	53	57	-	
Thurso ...	29.87	53	ESE	1	0	29.87	+ .04	.52	49	- 2	SSE	2	0	2	57	48	0.03	
Wick ...	29.89	53	ESE	2	h	29.87	+ .03	.53	50	- 1	ESE	3	0	3	60	49	-	
Nairn ...	29.87	54	E	1	0	29.87	+ .05	.55	49	0	Z	0	0	1	57	48	-	
Aberdeen ...	29.85	53	N	2	h	29.87	+ .11	.54	53	- 1	SSE	2	0	2	55	50	0.09	
Leith ...	29.87	58	ENE	1	0	29.85	+ .11	.58	55	+ 4	E	1	0	*	59	48	0.04	
Shields ...	29.86	55	N	4	0	29.87	+ .23	.55	54	0	E	3	0	3	55	52	0.10	
Scarborough	29.88	55	N	2	0	29.86	+ .31	.55	54	- 2	SE	2	0	3	?	53	0.17	
York ...	29.86	57	N	1	0	29.85	+ .39	.55	54	- 2	E	2	0	3	62	52	0.32	
Nottingham ...	29.90	60	N	1	0	29.83	+ .35	.56	54	- 3	SE	1	0	*	66	54	0.41	
Ardrossan ...	29.86	59	E	1	h	29.84	+ .08	.53	57	- 2	NE	2	0	1	63	50	-	
Greencastle	29.84	57	E	2	0	29.80	+ .04	.56	54	0	E	1	0	*	63	46	-	
Donaghadee ...	29.87	57	NNW	2	h	29.82	+ .04	.55	54	0	E	5	0	3	59	54	-	
Kingstown ...	29.87	58	SE	2	0	29.79	+ .01	.57	55	+ 2	ENE	4	0	3	60	54	0.18	
Holyhead ...	29.84	58	NNW	1	0	29.75	+ .02	.56	55	0	E	3	0	2	59	53	0.07	
Liverpool (Bidston)	29.86	57	NNW	2	0	29.78	+ .08	.55	55	- 1	ENE	3	0	1	61	54	0.03	
Valencia ...	29.68	50	ENE	4	h	29.68	- .18	.58	57	0	S	3	0	3	62	54	0.82	
Roche's Point...	29.76	55	SSE	4	h	29.73	- .10	.57	58	+ .4	SW	2	0	4	62	55	0.54	
Pembroke ...																		
Portishead ...	29.83	62	NSW	2	0	29.82	+ .18	.64	63	+ 3	SW	5	0	4	64	56	1.01	
Scilly ...																		
Plymouth ...	29.95	57	S	2	0	29.91	+ .13	.62	62	+ 3	SW	5	0	*	65	58	1.07	
Hurst Castle ...	29.95	64	W	5	0	29.91	+ .19	.63	?	- 2	NSW	6	0	6	60	58	0.49	
Dover ...	29.82	62	SW	4	h	29.91	+ .38	.63	62	0	SW	5	0	4	69	60	0.52	
London ...	29.90	64	NSW	2	0	29.87	+ .32	.64	63	+ 2	NSW	3	0	*	67	57	0.14	
Oxford ...	*	*	*	*	*	29.83	+ .23	.66	63	+ 6	SW	3	0	*	68	57	0.39	
Cambridge ...	29.85	61	N	1	0	29.87	+ .26	.63	63	+ 3	SW	1	0	*	66	55	0.22	
Yarmouth ...	29.79	61	NNW	4	0	29.80	+ .45	.61	60	- 2	SSW	1	0	3	64	55	0.59	
The Helder ...	*	*	*	*	*	29.93	+ .49	.57	57	- 4	S	1	0	*	*	*	0.08	
Cape Gris Nez	29.91	63	W	7	0	29.95	+ .37	.63	63	0	SW	8	0	4	64	52	0.20	
Jersey ...	30.07	62	N	4	0	30.06	+ .24	.64	63	+ 3	SW	5	0	5	64	59	0.01	
Brest ...	30.10	?	SW	4	0	30.13	+ .12	.63	61	+ 2	NSW	3	0	5	64	59	-	
L'Orient ...	30.14	64	WSW	4	0	30.14	+ .12	.64	63	+ 1	NSW	4	0	5	72	59	-	
Rochefort ...	30.20	70	NNW	5	0	30.20	+ .10	.68	64	0	WSW	4	0	3	79	63	-	
Biarritz ...	30.22	75	NNE	3	h	30.21	+ .01	.64	63	- 2	ENE	2	0	4	77	61	-	
Corunna ...	*	*	*	*	*									*	*	*		
Brussels ...	*	*	*	*	*	30.00	+ .40	?	*	?	SW	6	0	*	*	*	0.12	
Charleville ...	*	*	*	*	*	30.04	+ .28	.57	*	- 6	SW	3	0	*	*	*	*	
Paris ...	30.09	66	NSW	3	0	30.13	+ .30	.65	*	- 1	NSW	3	0	*	*	*	*	
Lyons ...	*	*	*	*	*	30.21	+ .13	.68	*	- 5	N	2	0	*	*	*	*	
Toulon ...	30.04	74	WSW	5	h	30.02	- .02	.70	59	- 3	NN	5	0	4	90	?	-	

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...						Valencia ...					
Thurso ...	29.74	57	SE	NNW	3	Scilly ...					
Scarborough ...						London ...					*
Greencastle ...						Rochefort ...	30.17	72	60	NN	5
Holyhead ...											

EXPLANATION OF COLUMNS.

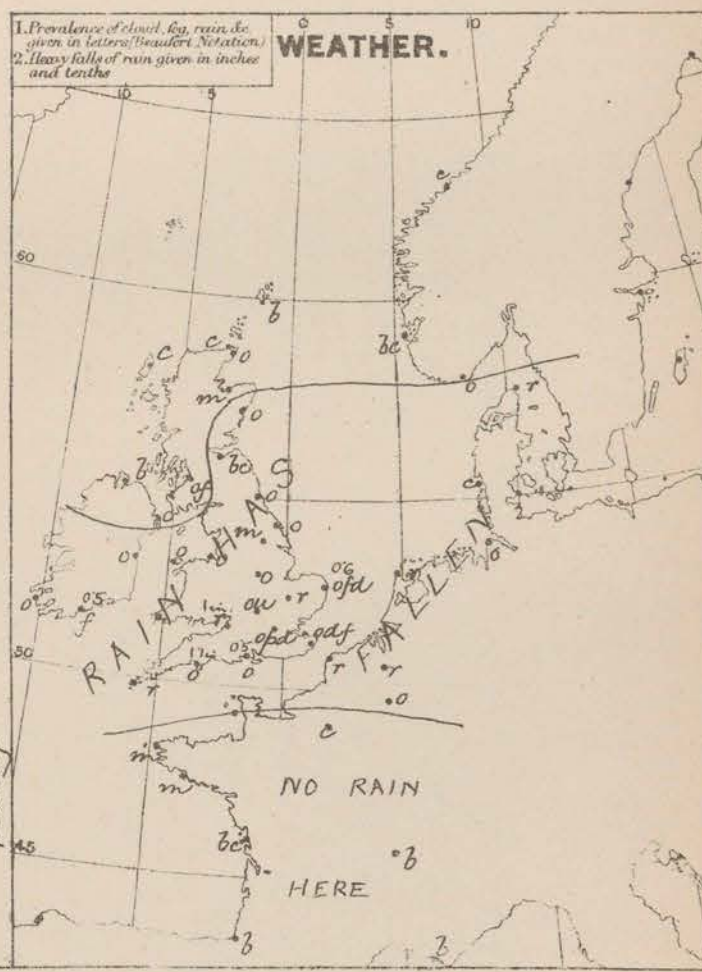
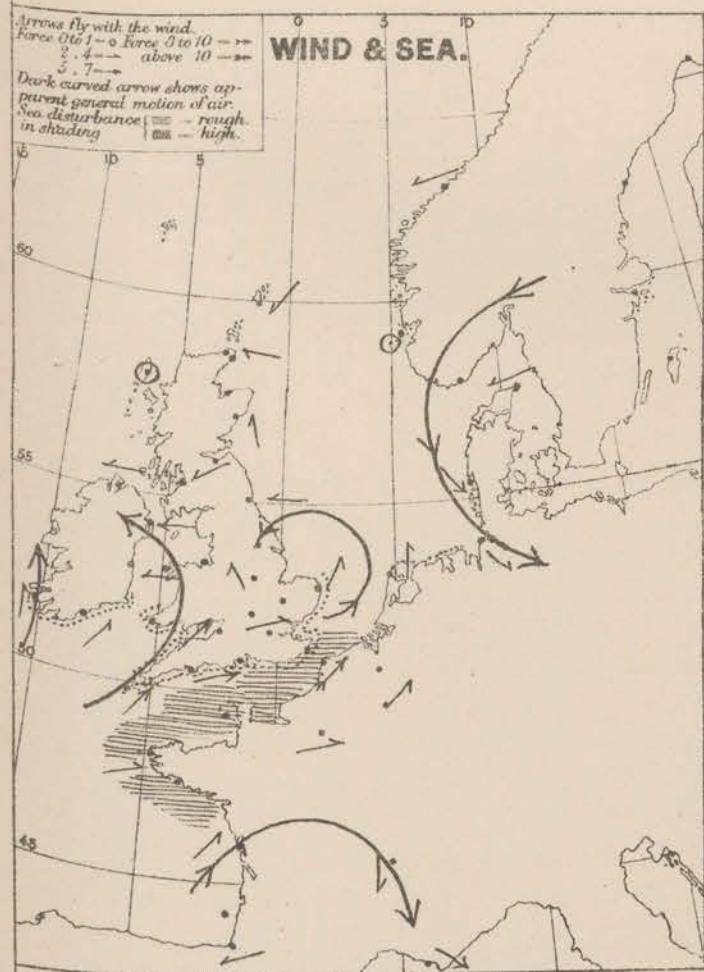
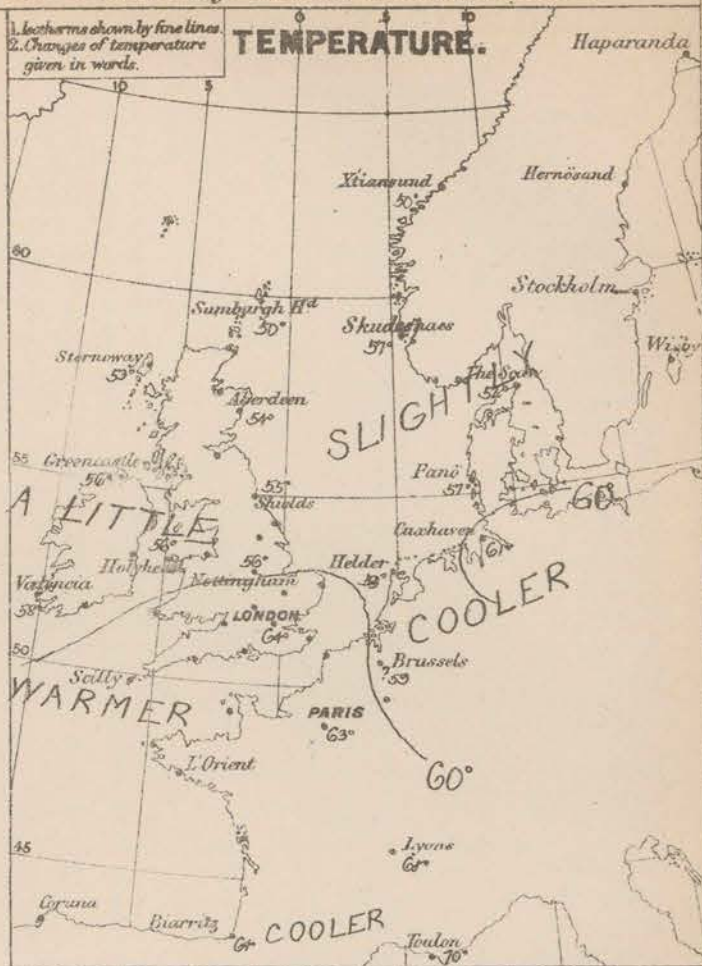
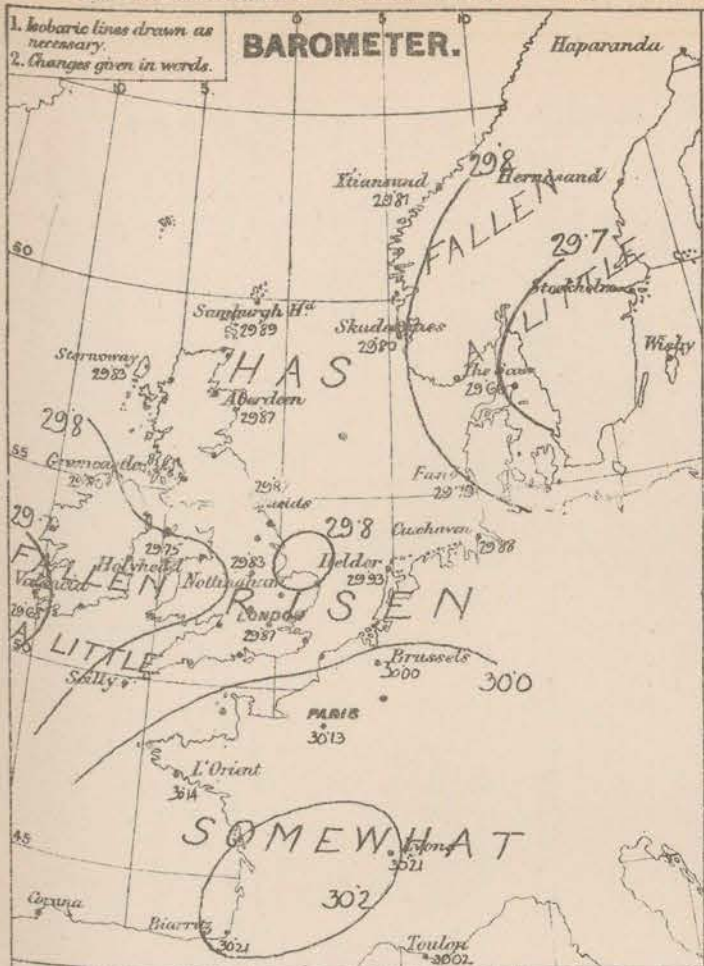
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 27th AUG^r 1877.*



Quote A dotted line is drawn round these exerts which were warned yesterday.

REMARKS. Weather is very dull this morning in all parts of the Kingdom, with fog at Ardara, and heavy rain on our south west coasts. Rain has fallen during the past 24 hours at all but a few northern stations - heaviest in the south west. The largest amounts reported are 1.1 in. at Plymouth, 1.0 in. at Portsmouth, 0.6 in. at Yarmouth, and 0.5 in. at Roches Pt., Hurst Castle and the Looe. Temperature has not altered much; it is 50° to 53° in Scotland and the north of England, 55° to 59° in Ireland, 62° to 64° over our southern counties. The maximum values for England yesterday varied from 65° to 69°, those for the south west of France were 77° to 79°, while London recorded 90°. Wind is still very variable. It is E^{ly} in the northern parts of England and Ireland, but W^{ly} to W^{ly} in the south, and blows a strong breeze at Hurst Castle, and a fresh gale at Cape Fin Rez. Sea is rough in the greater part of the Channel, moderate off our south west coasts, slight or smooth elsewhere. Barometrical Indications. The readings of the barometer this morning vary from 30.2 in. over the southern Departments of France to 29.7 in. both in the west of Ireland and in the Looe. A small secondary depression lies over Trale, and another very shallow disturbance over Norfolk. The barometer is very unsteady generally, and rather steep gradients for W^{ly} winds are found over the Channel and northern portions of France. Our south west, south and south east coasts were warmed yesterday.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

August 28th 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer.	SHADE TEMP.			WIND.	Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.				
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.				Dir.	Force. (0 to 12).		Max.	Min.		
Haparanda ...	29.96	45	NE	2	o	29.89	-17	44	40	+4	NE	4	o	*	*	*	-		
Hernösand ...	29.72	51	ENE	8	f	29.70	-10	47	45	-2	NE	6	f	*	*	*	1.22		
Stockholm ...	29.81	48	NNW	8	o	29.64	+25	53	46	-3	NNW	4	of	*	*	*	0.39		
Wisby ...	29.80	54	NN	9	bc	29.74	+34	52	49	-5	NN	8	bc	*	*	*	-		
Christiansund ...	29.81	50	NNE	1	c	29.65	-16	50	46	o	ESE	2	bc	1	54	?	1.34		
Skudesnaes ...	29.79	57	Z	o	o	29.54	-26	54	49	-3	ESE	2	f	3	57	50	-		
Oxö (Xtiansand) ...	29.81	57	SN	4	bc	29.65	-10	54	52	+1	SSE	4	f	3	57	45	-		
Skagen (The Seaw.) ...	29.83	50	SW	2	bc	29.72	+107	55	57	+3	WSW	3	f	2	64	46	0.04		
Fanö ...	29.87	55	Z	o	o	29.65	-114	61	60	+4	SW	4	o	*	63	52	0.04		
Cuxhaven ...	29.93	?	SSW	3	o	29.76	-12	65	65	+4	SW	4	f	*	58	55	0.13		
Sumburgh Head ...	29.83	52	SE	1	a	29.57	-38	49	48	-1	E	4	f	2	58	46	0.43		
Stornoway ...	29.68	55	NE	1	bc	29.41	-42	53	52	o	ENE	1	f	2	58	50	0.04		
Thurso ...	29.70	55	SSE	2	c	29.42	-45	52	50	o	E	2	o	3	59	49	0.21		
Wick ...	29.69	55	S	3	bc	29.41	-46	57	49	-2	E	2	bc	3	57	47	0.30		
Nairn ...	29.68	54	E	1	c	29.37	-50	50	49	o	E	2	f	3	59	49	0.34		
Aberdeen ...	29.74	55	SSE	3	o	29.31	-56	57	57	-3	N	2	bc	2	60	57	1.00		
Leith ...	29.69	57	E	1	o	29.29	-56	60	57	+2	WSW	3	c	*	62	53	0.02		
Shields ...	29.72	54	ESE	4	f	29.39	-48	64	59	+9	SW	4	bc	2	64	52	0.07		
Scarborough ...	29.73	56	SSE	4	bc	29.47	-39	62	59	+7	SW	5	bc	*	63	55	0.12		
York ...	29.74	58	SSE	1	bc	29.51	-34	61	58	+6	SSW	5	bc	*	63	50	0.11		
Nottingham ...	29.77	65	SSW	4	f	29.60	-23	61	58	+3	SSW	6	bc	*	67	55	0.53		
Ardrossan ...	29.64	59	NE	2	f	29.31	-53	57	56	+4	SSW	3	f	3	63	52	0.49		
Greencastle ...	29.58	56	ESE	2	f	29.27	-53	58	57	+2	SW	2	o	*	61	54	0.59		
Donaghadee ...	29.62	57	ESE	3	o	29.33	-49	57	57	+2	S	3	bc	2	59	54	0.27		
Kingstown ...	29.63	59	SSE	3	c	29.43	-36	61	57	+4	SSW	4	bc	3	64	54	-		
Holyhead ...	29.67	60	SSW	3	f	29.46	-29	59	58	+3	SSW	6	f	4	64	55	0.06		
Liverpool (Bidston) ...	29.70	64	SSW	3	o	29.49	-29	61	58	+6	SW	4	f	3	65	?	0.19		
Valencia ...	29.61	61	SSW	6	o	29.46	-22	58	56	o	WSW	5	bc	5	63	55	0.48		
Roche's Point... ..	29.70	61	WSW	5	f	29.47	-24	59	57	o	WSW	5	bc	4	64	55	0.29		
Pembroke ...	29.77	61	SW	6	o	29.57	-21	61	59	o	SW	7	c	5	63	58	0.20		
Portishead ...	29.84	64	SW	3	f	29.67	-15	64	61	o	W	5	bc	4	67	56	0.23		
Scilly ...	29.92	62	SW	4	of	29.75	-16	62	61	o	SW	5	o	*	64	60	0.34		
Plymouth ...	29.97	63	WSW	4	f	29.82	-09	63	63	o	SW	5	f	5	63	61	0.19		
Hurst Castle ...	29.95	63	WSW	4	o	29.82	-09	62	60	-1	WSW	5	c	4	63	62	0.06		
Dover ...	29.90	65	SW	3	o	29.76	-11	61	60	-3	SSW	4	bc	*	68	61	-		
London ...	29.85	65	SW	2	o	29.69	-14	61	60	-5	S	3	f	*	71	58	0.39		
Oxford ...	29.85	65	SW	2	o	29.78	-03	56	54	-4	SW	1	f	*	69	55	0.38		
Cambridge ...	29.85	66	SW	2	c	29.74	-06	58	58	-3	W	3	of	3	66	58	0.40		
Yarmouth ...	29.85	66	SW	2	c	29.75	-18	64	63	+5	SSW	3	f	*	*	*	0.43		
The Helder... ..	29.97	64	WSW	5	o	29.85	-10	63	61	o	WSW	7	o	6	64	55	0.12		
Cape Gris Nez ...	30.05	65	SW	6	o	29.92	-14	63	60	-1	SW	6	bc	5	68	60	-		
Brest ...	30.11	66	SW	3	m	29.98	-15	61	61	-2	WSW	4	f	5	?	59	-		
L'Orient ...	30.12	64	WSW	4	o	30.03	-11	64	61	o	WSW	5	c	5	?	61	-		
Rochefort ...	30.15	73	NN	3	bc	30.02	-18	68	64	o	ESE	4	bc	3	77	61	-		
Biarritz ...	30.09	77	ENE	1	bc	30.02	-19	66	66	+2	ENE	1	f	4	84	63	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	29.73	-27	61	*	?	SW	6	bc	*	*	*	0.01		
Charleville ...	*	*	*	*	*	29.94	-10	63	*	+4	SE	3	bc	*	*	*	*		
Paris ...	30.07	75	SW	3	bc	29.99	-14	63	*	o	SW	3	bc	*	*	*	*		
Lyons ...	*	*	*	*	*	30.10	-11	70	*	+2	N	2	bc	*	*	*	*		
Toulon ...	30.00	81	W	4	bc	30.07	+05	79	64	+9	NE	2	bc	3	88	70	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.83	57	57	SW	4	bc	2	Valencia	29.61	61	61	SSW	6	bc	3
Thurso	29.80	56	53	SSE	2	o	2	Scilly							
Scarborough ...	29.82	55	55	SE	3	m	3	London	29.90	67	65	SW	3	o	*
Greencastle ...	29.72	57	56	E	1	o	*	Rochefort ...	30.21	77	68	NW	3	bc	3
Holyhead	29.72	61	59	SSW	3	m	1								

The barometer has fallen rather briskly in the N.H. but risen slightly in the S.H. of England. The S.W. wind still blows very fresh on our S.W. coasts with rain and fog. Reports from the South of Ireland have not arrived yet.

EXPLANATION OF COLUMNS.

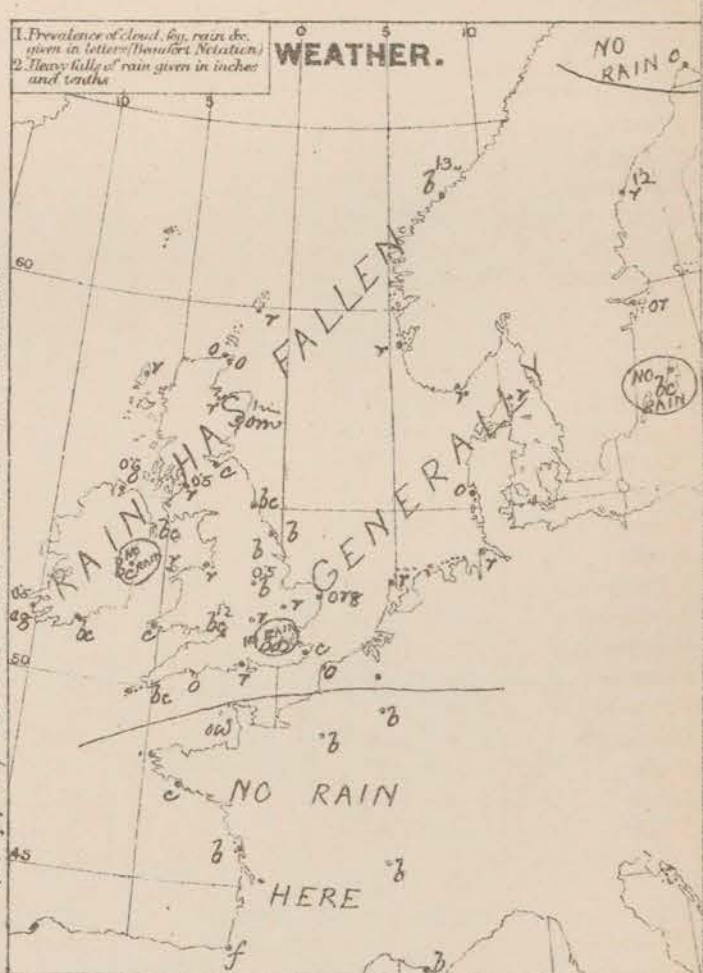
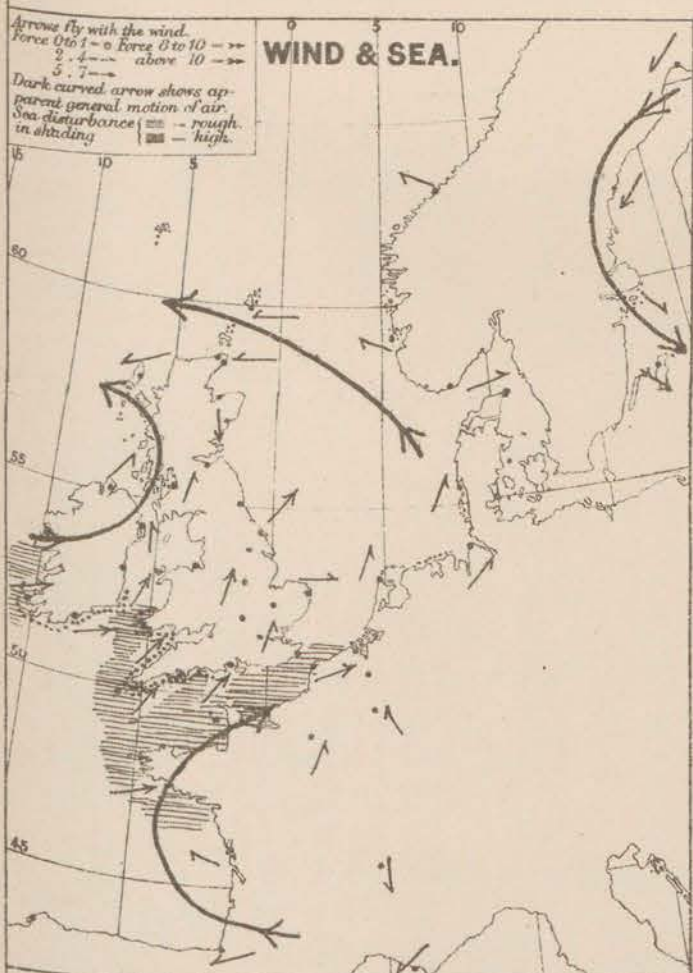
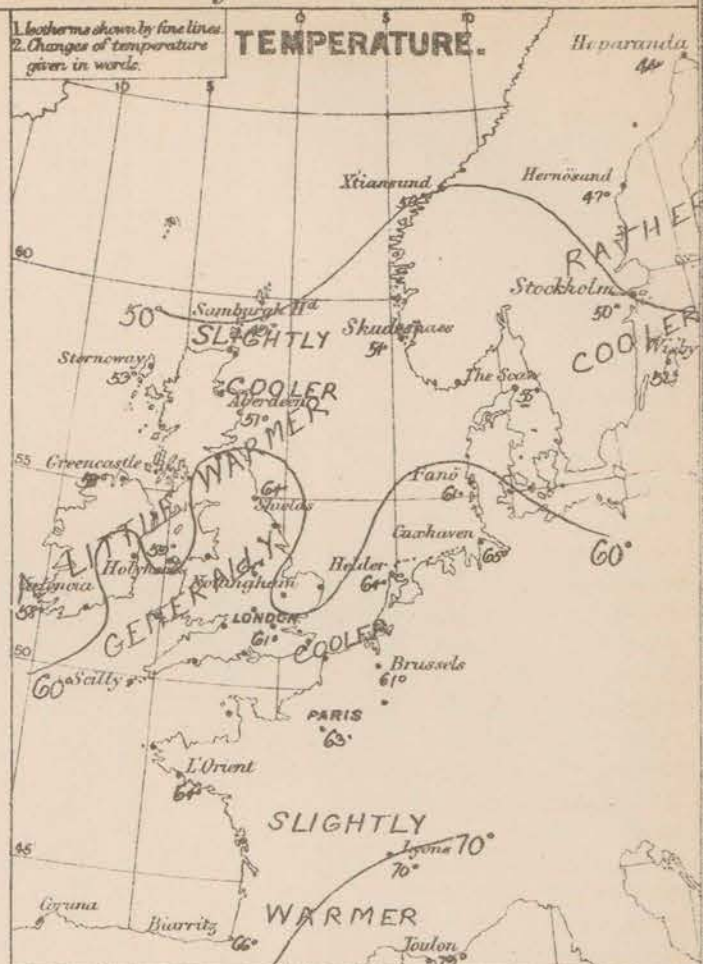
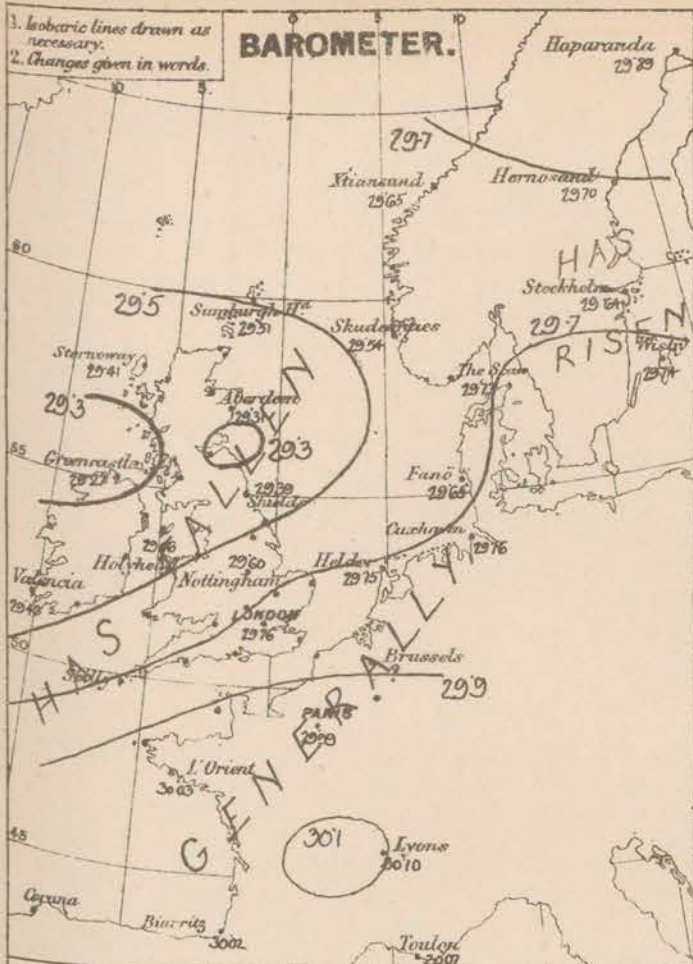
WEATHER.—Beaufort scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 28th Aug^r 1877.



REMARKS. Weather is still very unsettled. Heavy rain is falling on our north-west coasts, and fine rain over our south-eastern counties, but in the north-east of England and at our south-western stations there is a temporary change to fine weather. Much rain has fallen over nearly the whole of our islands since yesterday morning, and an equally large amount in some parts of Scandinavia. 1.2 in. is reported from Harnosund, 1.3 in. at Christiansund, 1.0 in. at Midsund, and 1.2 in. at Portshhead. Amounts varying from 0.4 in. to 0.6 in. are reported from many other of our own stations. Temperature has risen several degrees on our north-west coasts but fallen over the central and south-eastern counties. It is about 50° to 52° in Scotland 58° to 61° in Ireland, and 61° over the greater part of England. At Cambridge, however, it is only 56°, and at Farnmouth 58°. The maximum values at Oxford yesterday was 71° but over most other inland parts of England it varied from 65° to 69°. In the north of France it was 84° to 88°. Wind has freshened considerably during the night, and is strong from SW on our western coasts, blowing a gale at Pembroke, while it is fresh from the same quarter in the east, and light from E in the north of Scotland. A S.W. gale has been felt at Valence, and a S.W. gale at Pembroke during the night. Sea is rough in the west and south. Barometrical indications. Another depression, of larger dimensions than those recently experienced, has come in over the north of Ireland during the night, causing the barometer to fall half an inch in Scotland, and to a smaller extent elsewhere. This is now travelling in a NE. direction, but there seems to be little or no rising of pressure in the south-west as it passes off. Harnings are still up on our south-west coasts.

DAILY WEATHER REPORT

August 29th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Baromet. at 320 F. and Sea Level.	Temp. in shade.	Wind.		Weather.	Baromet.		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 ...	29.74	43	NE	2	0	29.62	- .27	41	?	- 3	?	4	0	*	*	*	0.12	
Hernösand ...	29.65	46	N	4	0	29.43	- .27	45	44	- 2	N	2	+	*	*	*	0.12	
Stockholm ...	29.55	51	S	2	+	29.40	- .24	53	57	+ 3	S	2	0	*	*	*	0.28	
Wisby ...	29.56	50	E	4	+	29.46	- .28	57	57	+ 6	WSW	6	0	*	*	*	0.28	
Christiansund ...	29.34	57	NNW	1	0	29.39	- .26	50	48	0	SE	1	+	1	?	?	0.87	
Skudesnaes ...	29.24	55	Z	0	0	29.09	+ .05	44	48	0	NNW	7	0	5	55	52	-	
Oxö (Tjörnå) ...	29.34	58	SW	6	+	29.42	- .28	54	52	0	NNW	2	0	3	?	53	-	
Årøen (The Sea) ...	29.41	57	WSW	4	+	29.69	- .13	56	55	+ 1	W	2	+	2	61	55	0.57	
Fanö ...	29.50	62	WSW	6	0	29.65	0.00	58	55	- 3	NNW	6	0	*	63	55	0.12	
Cuxhaven ...	29.67	61	WSW	4	+	29.76	0.00	62	60	- 3	NNW	5	0	*	68	61	0.17	
Semburgh Head ...	29.50	48	NNE	5	0	29.71	+ .20	57	46	+ 1	NNW	3	0	3	53	43	0.04	
Stornoway ...	29.57	55	NE	2	0	29.75	+ .24	57	57	- 2	ESE	1	0	2	55	47	0.25	
Thurso ...	29.55	52	NNE	3	0	29.77	+ .35	58	49	- 2	Z	0	0	0	54	45	0.03	
Wick ...	29.64	52	N	2	0	29.79	+ .38	57	49	0	W	1	0	1	55	37	-	
Nairn ...	29.55	52	E	3	0	29.78	+ .41	58	47	0	Z	0	0	0	54	48	0.05	
Aberdeen ...	29.49	57	N	3	0	29.80	+ .49	57	49	0	WSW	2	0	2	54	43	0.03	
Leith ...	29.49	53	E	1	+	29.81	+ .52	53	57	- 7	W	1	0	*	64	49	0.37	
Shields ...	29.49	66	N	4	0	29.86	+ .47	54	50	- 10	SSW	3	0	2	68	50	0.14	
Scarborough ...	29.49	61	WSW	2	0	29.90	+ .43	54	53	- 9	Z	0	0	3	66	52	0.18	
York ...	29.52	62	W	3	0	29.89	+ .38	56	54	- 5	NNW	1	0	4	62	47	0.16	
Nottingham ...	29.64	63	NNW	4	0	29.96	+ .36	60	56	- 1	NNW	1	0	*	70	46	0.02	
Ardrossan ...	29.50	60	NNW	3	0	29.83	+ .52	56	57	- 1	W	2	0	1	63	50	0.04	
Greencastle ...	29.57	58	N	3	0	29.83	+ .56	52	49	- 6	SW	2	0	*	60	46	0.08	
Donaghadee ...	29.58	57	SW	2	0	29.85	+ .55	52	52	- 5	WSW	2	0	1	66	47	-	
Kingstown ...	29.64	62	NNW	4	0	29.93	+ .50	56	57	- 5	S	1	0	1	67	52	0.01	
Holyhead ...	29.61	60	W	5	0	29.71	+ .45	55	53	- 4	WSW	2	0	1	63	53	0.06	
Liverpool (Bidston) ...	29.56	62	WSW	5	0	29.91	+ .42	57	53	- 4	W	3	0	2	66	53	-	
Valencia ...	29.85	59	SSW	3	0	29.91	+ .45	59	57	+ 1	SW	3	0	3	65	57	0.05	
Roche's Point ...	29.79	60	NNW	4	0	29.93	+ .46	58	55	- 1	WSW	2	0	3	66	57	-	
Pembroke ...	29.69	61	W	7	0	29.98	+ .41	58	54	- 3	W	2	0	2	62	55	0.07	
Portishead ...	29.75	63	WSW	6	0	29.99	+ .32	59	57	- 5	WSW	3	0	3	68	54	0.02	
Scilly ...	29.80	61	SW	4	0	30.02	+ .27	59	58	- 3	NNW	2	0	*	65	56	0.03	
Plymouth ...	29.77	64	WSW	6	0	29.99	+ .17	63	62	0	NNW	2	0	2	64	58	0.02	
Hurst Castle ...	29.77	63	WSW	5	0	29.98	+ .16	61	59	- 1	W	1	0	2	65	59	-	
Dover ...	29.72	65	WSW	4	0	29.98	+ .22	61	57	0	Z	0	0	*	71	56	0.08	
London ...	29.72	65	WSW	4	0	29.98	+ .22	61	57	0	Z	0	0	*	71	56	0.08	
Oxford ...	29.72	65	WSW	4	0	29.98	+ .22	61	57	0	Z	0	0	*	71	56	0.08	
Cambridge ...	29.65	65	SW	2	0	29.95	+ .17	58	55	+ 2	NNW	1	0	*	71	52	0.05	
Yarmouth ...	29.62	67	SW	5	0	29.96	+ .22	58	55	0	NNW	3	0	2	69	54	0.08	
The Helder ...	29.62	67	SW	5	0	29.96	+ .22	58	55	0	NNW	3	0	2	69	54	0.08	
Cape Gris Nez ...	29.81	64	W	7	0	30.01	+ .16	63	61	0	NNW	3	0	3	66	57	-	
Jersey ...	29.93	64	W	6	0	30.08	+ .16	61	58	- 2	W	5	0	4	67	57	0.02	
Brest ...	30.06	68	W	4	0	30.15	+ .17	61	59	0	W	2	0	5	?	57	-	
L'Orient ...	30.05	64	NNW	4	0	30.13	+ .10	61	59	- 3	NNW	2	0	5	72	57	0.04	
Rochefort ...	30.07	73	NNW	6	0	30.14	+ .12	66	63	- 2	SE	3	0	3	79	59	-	
Biarritz ...	30.14	73	NNW	4	0	30.13	+ .11	66	64	0	ENE	1	0	5	75	63	-	
Corunna ...	29.97	60	SW	3	0	29.97	+ .24	60	58	- 1	SW	3	0	*	*	*	*	
Brussels ...	29.97	60	SW	3	0	29.97	+ .24	60	58	- 1	SW	3	0	*	*	*	*	
Charleville ...	29.93	68	SW	3	0	29.93	- .01	68	68	+ 5	SW	3	0	*	*	*	*	
Paris ...	29.91	75	SW	3	0	30.09	+ .10	62	62	- 1	SSW	2	0	*	*	*	*	
Lyons ...	29.91	75	SW	3	0	30.12	+ .04	72	72	+ 2	N	2	0	*	*	*	*	
Toulon ...	30.02	81	SW	2	0	29.99	- .08	81	61	+ 2	NN	4	0	4	91	79	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.		
Skudesnaes ...	29.26	52	57	ENE	8	r	4	Valencia ...	29.71	61	58	NN	3	6m
Thurso	29.46	52	50	NE	4	o	4	Scilly						
Scarborough ...	29.46	63	61	WSW	3	cp	3	London	29.70	69	63	SW	4	6c
Greencastle ...	29.43	59	55	NNE	3	6c	•	Rochefort ...	30.05	73	68	NN	6	6c
Holyhead	29.50	60	59	SW	6	om	5							

The barometer has risen quickly in the N. of Ireland since the morning, and to a smaller extent in Wales and the North of Scotland, but has fallen a little in the East of England. The SW^{ly} gale still holds at Pembroke but the wind is veering a little.

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.

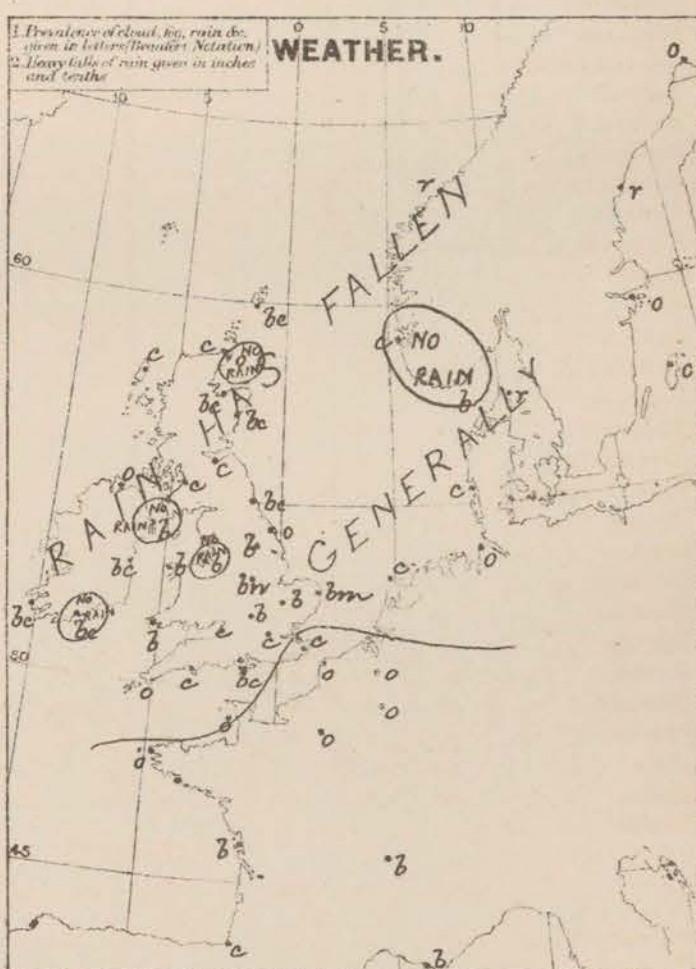
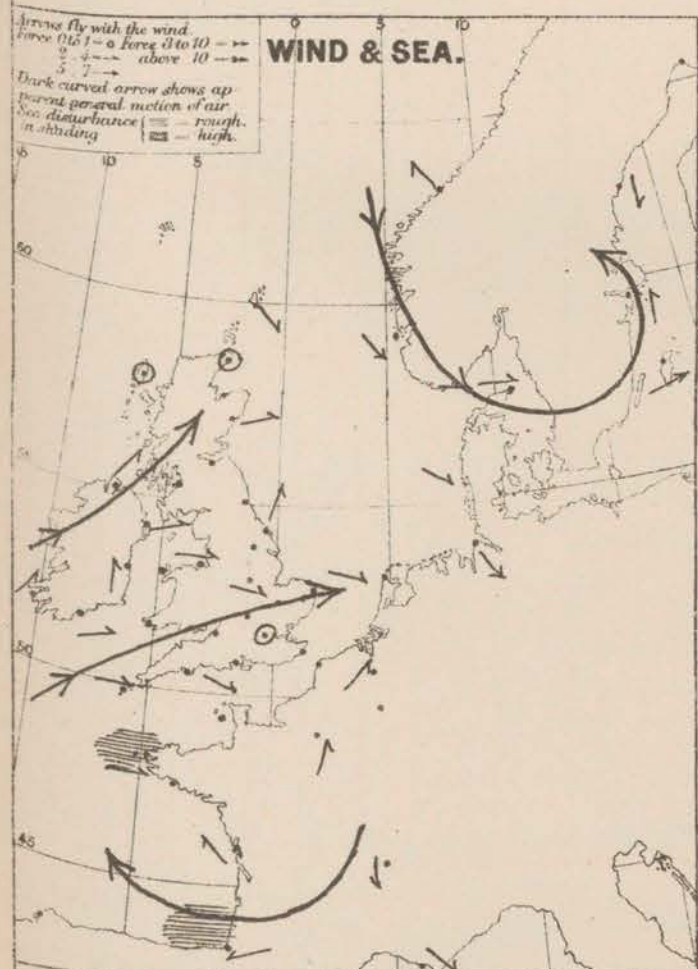
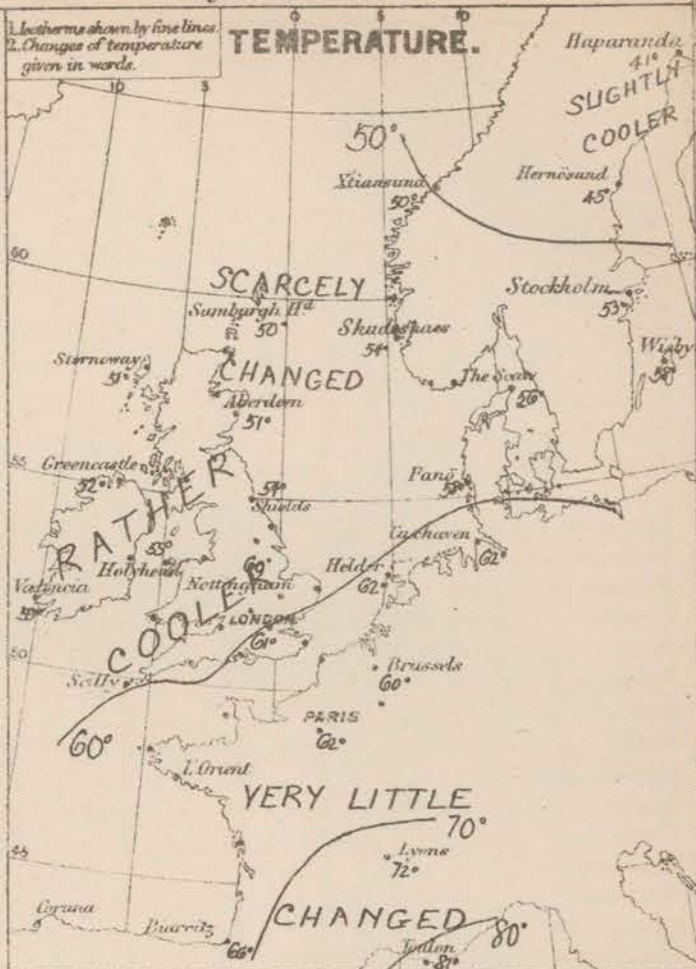
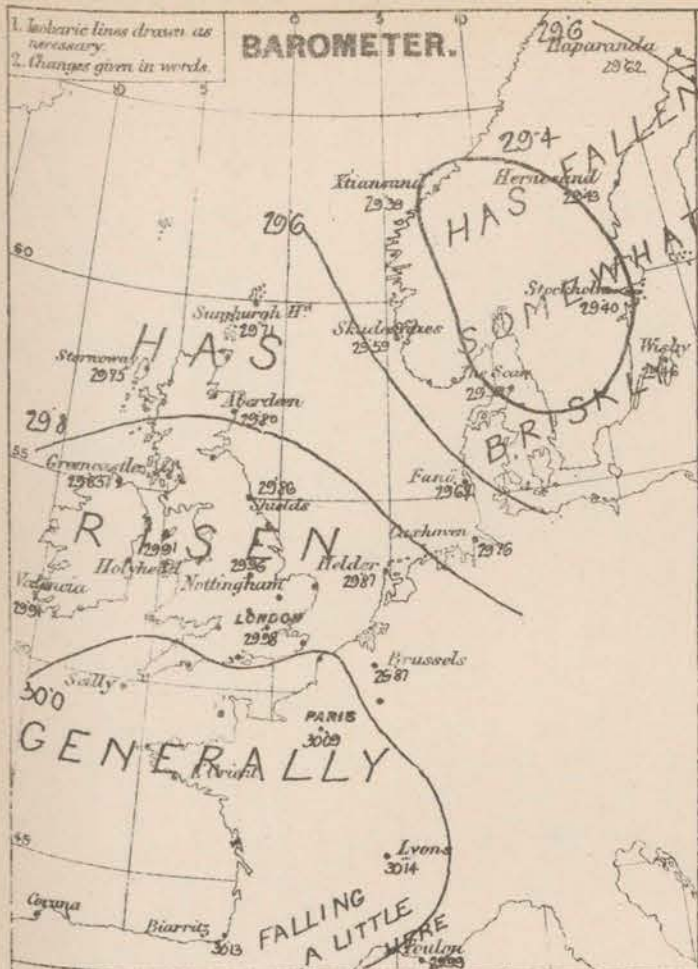
* AN ASTERISK is inserted in all places for which information is not usually received.

† 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 29TH AUGST 1877.



REMARKS. Weather is at present much finer over our Islands than it has been of late, but the appearance is not settled; in Scandinavia it is overcast, with rain in several places. Showery squally weather prevailed very generally yesterday, but the largest amount of rain reported over our Islands was 0.37 in at Leith. Temperature has fallen several degrees in the night over the north and north east of England, and to a less extent on our western coasts. It is 50° to 52° in Scotland and the north of England and Ireland, 58° to 60° over the southern parts of the Kingdom. At London it is 81°. Wind is W. in the south of England, but has backed from NW to SW at the Irish stations during the night. During the latter part of yesterday it veered to W. or NW very generally and fell light. Sea is slight or smooth on all our coasts.

Barometrical Indications Readings now vary from about 30.15 in. over the western and central parts of France to about 29.35 in. in the east of Scandinavia, and 29.9 in. in the west of Ireland. The barometer rose very briskly yesterday as the depressions then noticed moved off to the NE^W, but the rise has ceased in Ireland during the night, and, apparently, a fresh fall has set in. Further disturbances may therefore be expected from the W^W.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 11/- per quarter, book post 5/- per quarter.

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

R. H. SCOTT.

Secretariat

DAILY WEATHER REPORT August 30th 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 ...	29.49	45	NE	4	r	29.43	-19	47	47	+	4	N	2	r	*	*	*	0.47
Hernösand ...	29.47	48	NNE	2	c	29.59	+16	50	46	+	5	NNW	4	c	*	*	*	0.04
Stockholm ...	29.53	50	NW	6	r	29.76	+36	49	46	-	4	N	4	c	*	*	*	0.32
Wisby ...	29.58	55	NN	8	c	29.78	+32	53	51	-	5	NNW	6	c	*	*	*	0.04
Christiansund ...	29.61	49	WSW	8	c	29.68	+29	48	44	-	2	WSW	6	c	4	52	45	-
Skudesnaes ...	29.81	50	NNW	1	c	29.75	+16	53	50	-	1	SE	6	c	4	55	50	-
Oxö (Klansand) ...	29.77	54	N	4	c	29.82	+42	50	50	-	4	SSW	2	c	2	61	48	-
Skagen (The Seaw) ...	29.78	55	NN	5	c	29.85	+46	55	49	-	1	NN	2	c	0	63	48	-
Fanö ...	29.94	54	N	4	c	29.87	+22	56	55	-	2	S	4	c	*	61	50	0.04
Cuxhaven ...	29.97	52	NNW	2	c	29.92	+16	58	56	-	4	SSE	2	c	*	52	52	-
Sumburgh Head ...	29.78	51	SW	1	c	29.50	-21	51	50	+	1	ESE	4	r	4	58	45	0.10
Stornoway ...	29.65	50	SSW	1	r	29.48	-27	51	51	0	0	SW	2	c	2	56	48	0.48
Thurso ...	29.72	50	Z	0	r	29.42	-35	53	52	+	3	SSE	1	c	1	58	47	0.84
Wick ...	29.63	51	N	1	o	29.43	-36	50	49	-	1	S	2	o	0	55	44	0.12
Nairn ...	29.72	52	Z	0	r	29.46	-32	52	50	+	2	WSW	1	o	1	59	49	0.10
Aberdeen ...	29.75	55	SSW	1	c	29.48	-32	52	53	+	3	S	2	r	1	58	57	0.29
Leith ...	29.76	58	SW	3	c	29.48	-33	53	53	+	2	WSW	3	o	*	64	52	0.31
Shields ...	29.72	62	SW	3	c	29.61	-25	53	51	-	1	SW	4	m	2	64	52	0.02
Scarborough ...	29.87	59	N	1	c	29.66	-34	58	56	+	4	SW	3	c	2	63	52	-
York ...	29.88	63	SW	1	c	29.68	-21	57	54	+	1	SSW	4	o	4	61	51	-
Nottingham ...	29.91	62	SW	2	c	29.74	-22	61	57	+	1	SW	7	c	*	71	52	-
Ardrossan ...	29.75	57	SW	4	c	29.54	-29	56	52	-	2	NNW	2	r	2	60	53	0.63
Greencastle ...	29.67	58	S	2	o	29.55	-28	53	51	+	1	SW	3	c	*	62	48	0.07
Donaghadee ...	29.76	57	SSW	4	c	29.59	-29	53	53	+	1	N	5	c	3	62	50	0.29
Kingstown ...	29.81	64	SW	3	c	29.68	-25	55	51	-	1	N	5	c	4	64	52	0.08
Holyhead ...	29.82	59	SSW	4	c	29.69	-22	55	53	0	0	WSW	5	c	4	63	53	0.31
Liverpool (Bidston) ...	29.87	62	SW	1	c	29.67	-24	57	53	0	0	WSW	4	c	4	65	52	0.09
Valencia ...	29.79	59	SSW	5	r	29.79	-12	56	52	-	3	N	4	c	4	64	50	0.57
Roche's Point... ..	29.87	62	WSW	4	c	29.80	-13	55	52	-	3	N	2	c	3	65	50	0.41
Pembroke ...	29.91	61	SW	3	c	29.79	-19	59	54	+	1	N	7	c	4	64	57	0.06
Portishead ...	29.94	63	SW	3	o	29.81	-18	59	57	0	0	SW	4	p	3	68	53	0.09
Seilly ...	29.99	62	SW	3	o	29.89	-13	61	59	+	2	SW	4	o	*	66	58	0.04
Plymouth ...	29.96	63	N	3	c	29.92	-07	62	60	-	1	N	5	c	5	65	59	-
Hurst Castle ...	29.99	62	WSW	4	c	29.89	-09	62	59	+	1	WSW	4	o	3	66	57	-
Dover ...	29.96	66	SW	2	c	29.87	-11	59	56	-	2	SW	2	o	*	72	54	-
London ...	29.91	60	SW	3	c	29.81	-17	60	56	+	2	SW	3	o	*	68	55	-
Oxford ...	29.94	65	SW	1	c	29.81	-14	59	56	+	1	SW	2	c	*	71	52	-
Cambridge ...	29.95	64	Z	0	c	29.82	-14	59	57	+	1	SW	2	c	3	66	54	-
Varmouth ...	29.95	64	Z	0	c	29.82	-14	59	57	+	1	SW	2	c	3	66	54	-
The Helder... ..	29.95	64	Z	0	c	29.82	-14	59	57	+	1	SW	2	c	3	66	54	-
Cape Gris Nez ...	30.01	63	WSW	4	c	29.93	-08	63	59	0	0	SW	4	c	3	68	59	-
Jersey ...	30.06	61	N	2	c	29.99	-09	61	57	0	0	WSW	4	c	3	66	57	-
Brest ...	30.13	70	WSW	2	m	30.06	-09	61	59	0	0	WSW	3	o	4	70	59	-
L'Orient ...	30.05	63	NNW	2	c	30.06	-07	61	57	0	0	NNW	3	c	4	70	55	0.08
Rochefort ...	30.08	72	NN	2	c	30.04	-10	63	61	-	3	E	2	c	3	77	61	-
Biarritz ...	30.06	73	NNE	3	o	30.03	-10	64	64	-	2	NE	3	o	4	77	63	-
Corunna ...	29.94	60	SW	3	c	29.84	-10	60	56	-	4	SW	3	o	*	68	55	-
Brussels ...	29.95	60	SW	3	c	29.85	-10	60	56	-	4	SW	3	o	*	68	55	-
Charleville ...	29.95	60	SW	3	c	29.85	-10	60	56	-	4	SW	3	o	*	68	55	-
Paris ...	30.05	67	SW	2	o	29.99	-10	63	60	+	1	SSW	1	c	*	70	58	-
Lyons ...	30.04	67	SW	2	o	29.99	-10	63	60	+	1	SSW	1	c	*	70	58	-
Toulon ...	29.90	62	NN	5	c	29.86	-03	72	72	-	9	E	2	m	3	93	?	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.78	55	49	NNW	6	c	4	Valencia ...	29.88	62	58	SSW	5	c	5
Thurso	29.76	52	51	Z	0	r	1	Seilly							
Scarborough ...	29.90	60	55	WSW	2	fe	2	London	30.00	68	60	WSW	1	c	*
Greencastle ...	29.76	58	55	S	3	o	*	Rocheport ...	30.11	81	63	NN	2	fe	3
Holyhead	29.92	61	58	SSW	0	fe	3								

The barometer is now falling briskly in Ireland. The S.W. wind has spread to Wales, and even in London the wind is backing at little.

EXPLANATION OF COLUMNS.

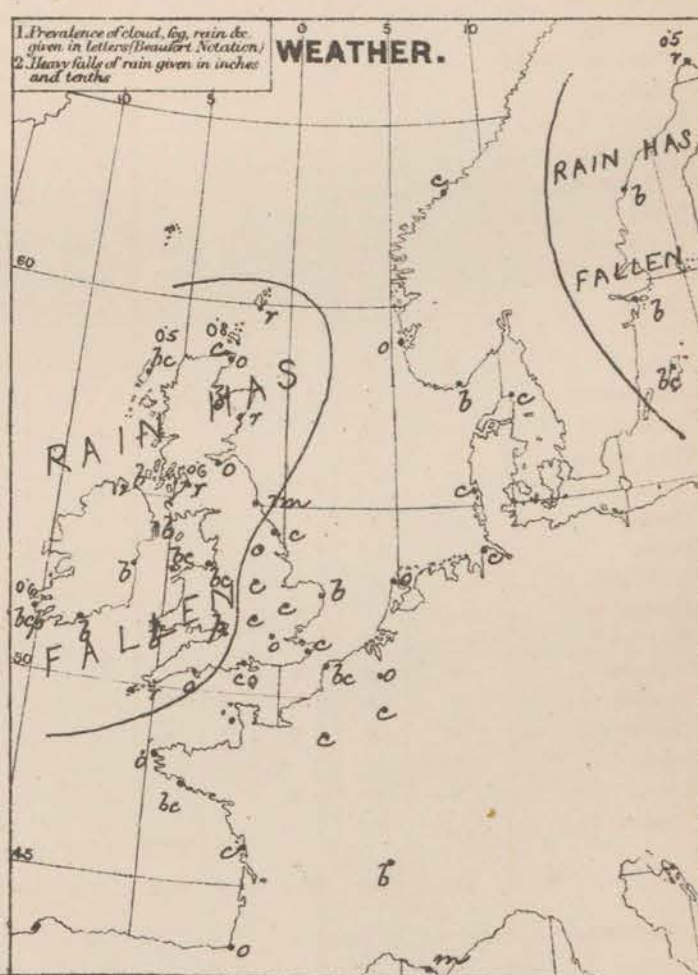
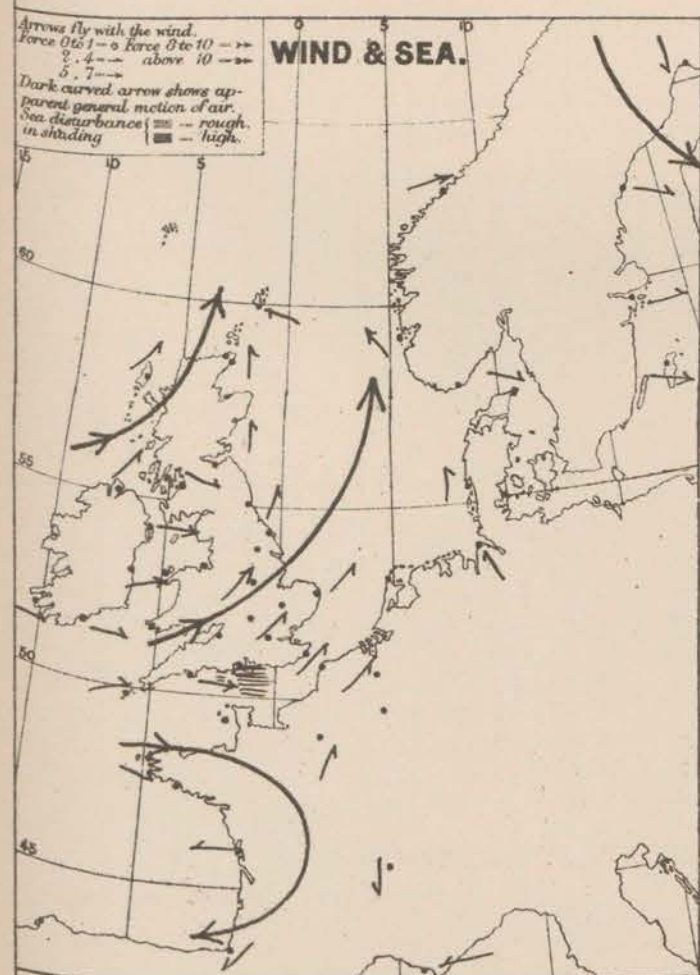
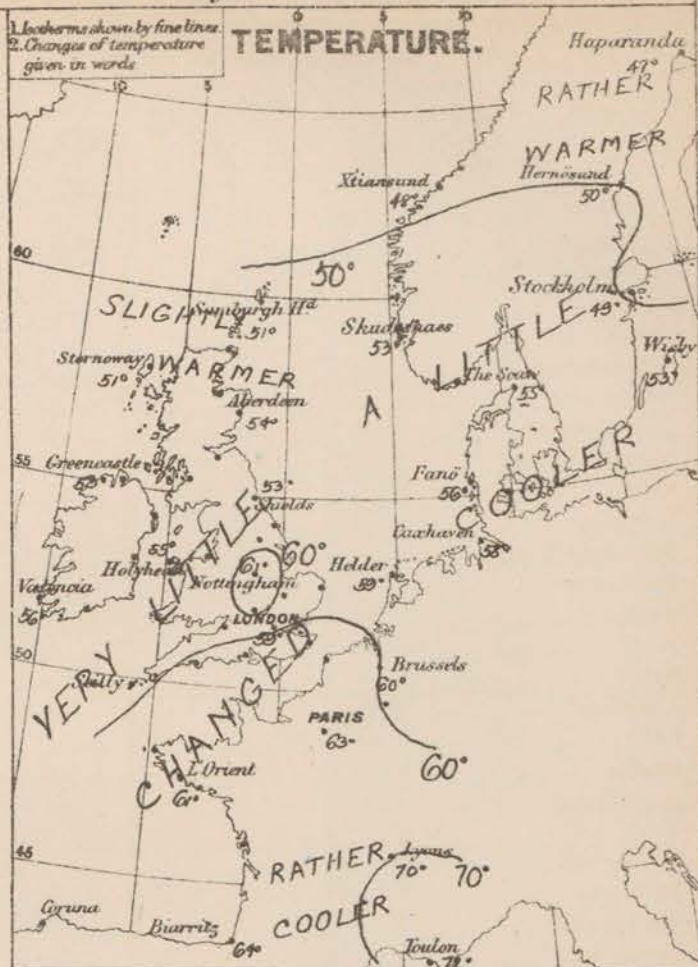
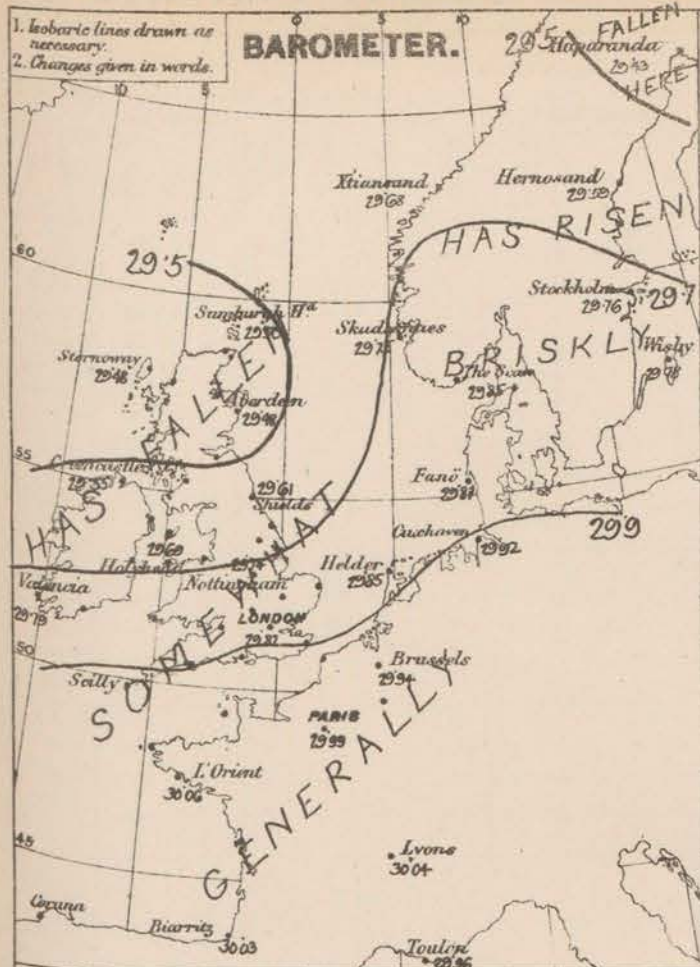
WEATHER.--Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 30th Aug^r 1877*



REMARKS. Weather is now moderately clear at all the western stations excepting Valentia but is cloudy in the east and north, with rain at several of the northern stations. A considerable quantity of rain has fallen in Ireland and Scotland, 0.8 in. at Thurso, 0.6 in. at Ardara and Valentia, 0.5 in. at Skerryvore and 0.4 in. at Roche's Pt. Temperature has risen a little in St. Britain but fallen in Ireland. It varies from 50° to 55° in Scotland and Ireland, and from 59° to 62° over England. During yesterday it rose to 71° at Nottingham and Cambridge, and 72° in London, while 77° was reached in the south west of France, and 73° at London. Wind is fresh from W. at the western stations generally, but blows a moderate gale at Pembroke; it is moderate from SW in the east, very light from S. over Scotland, and moderate to strong from SE at Lumburgh H^o and Skudesness. At our western stations it was SSW last evening, but has since varied quickly. Sea is slight on our east coast, but generally moderate elsewhere.

Barometrical Indications The barometer is still highest (30.05 in.) over the western parts of France, and during the night a depression has advanced to Scotland from the SW.^d The barometer is now rising in Ireland as the depression travels away.

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

R. H. SCOTT.
Secretary.

Longmead Ln 22 Bedford St Covent Garden

DAILY WEATHER REPORT *August 31st* 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind.		Weather.	Barometer.		SHADE TEMP.			Wind.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.50	44.4	NNW	2	r	29.59	+ .16	46	46	—	N	4	o	*	*	*	?	
Hernösand ...	29.72	44.4	Z	0	b	29.65	+ .06	45	44	—	Z	0	be	*	*	*	—	
Stockholm ...	29.77	52	SSW	2	c	29.66	— .10	53	51	+ .14	S	2	r	*	*	*	—	
Wisby ...	29.88	54	SSW	4	be	29.75	— .03	55	54	+ .1	SSW	6	o	*	*	*	—	
Christiansund ...	29.53	49	E NE	2	c	29.51	— .02	54	48	+ .6	E	1	c	1	54	46	—	
Skudesnaes ...	29.47	54	SSE	6	r	29.43	— .04	57	54	+ .3	SSW	6	c	5	?	?	0.08	
Oxö (Xtiansand)	29.60	55	SSE	6	o	29.55	— .05	57	55	+ .2	SSW	5	c	3	57	52	—	
Skagen (The Seaw)	29.66	57	SW	4	r	29.63	— .03	55	53	0	W	3	be	3	61	50	—	
Fanö ...	29.72	59	WSW	4	c	29.69	— .03	63	57	+ .6	SW	4	be	*	63	55	0.04	
Cuxhaven ...	29.82	57	WSW	2	c	29.8	— .02	60	57	+ .3	SW	4	c	*	64	55	—	
Sumburgh Head	29.34	53	W	3	c	29.38	— .04	49	47	— .2	N	5	c	3	59	44	0.20	
Stornoway	29.43	53	NNW	3	o	29.62	+ .19	48	48	—	N	5	p	4	57	45	0.18	
Thurso ...	29.40	55	WSW	3	c	29.50	+ .10	50	48	— .3	NNW	5	p	4	62	49	0.04	
Wick ...	29.42	55	W	1	c	29.57	+ .15	50	47	0	NNW	3	o	1	40	46	—	
Nairn ...	29.46	55	WSW	1	be	29.54	+ .08	48	47	— .1	NNW	1	r	2	61	47	0.25	
Aberdeen ...	29.46	57	W	1	be	29.50	+ .04	51	47	— .4	NNW	3	o	1	61	45	0.03	
Leith ...	29.54	55	WSW	4	be	29.56	+ .02	52	48	— .4	WSW	1	c	*	64	46	0.03	
Shields ...	29.63	60	SW	3	be	29.62	+ .01	54	50	+ .4	SSW	4	c	2	62	44	0.08	
Scarborough	29.69	59	WSW	2	be	29.69	+ .00	55	52	— .3	WSW	2	be	2	62	48	0.03	
York ...	29.71	59	WSW	1	be	29.70	+ .01	54	50	— .4	S	4	be	2	65	46	0.04	
Nottingham ...	29.78	58	SW	3	be	29.78	+ .00	57	53	— .4	SW	6	be	*	68	44	0.05	
Ardrossan ...	29.07	57	NNW	3	be	29.57	+ .03	52	49	— .3	N	1	be	2	63	50	0.16	
Greencastle ...	29.62	55	W	3	be	29.61	+ .01	57	52	— .5	N	3	r	*	61	45	0.09	
Donaghadee ...	29.65	55	NNW	3	be	29.57	— .08	49	49	—	N	4	c	3	60	45	0.08	
Kingstown ...	29.74	58	W	4	be	29.67	— .07	53	50	— .3	NNW	6	c	5	61	50	0.14	
Holyhead ...	29.74	55	SW	4	be	29.69	— .05	53	50	— .3	WSW	6	c	5	61	51	0.45	
Liverpool (Bidston)	29.72	57	SW	3	o	29.68	+ .04	55	49	— .6	SW	4	be	3	62	48	0.10	
Valencia ...	29.85	56	W	4	be	29.95	+ .10	55	50	— .5	NNW	3	be	4	62	49	0.10	
Roche's Point...	29.85	55	NNW	4	be	29.89	+ .04	54	51	— .3	NNW	3	be	3	59	49	0.07	
Pembroke ...	29.82	59	WSW	6	be	29.82	+ .00	56	50	— .6	W	8	be	4	60	50	—	
Portishead ...	29.84	59	WSW	6	be	29.88	+ .04	54	52	— .2	WSW	3	c	4	64	50	0.53	
Scilly ...	29.84	59	WSW	6	be	29.88	+ .04	54	52	— .2	WSW	3	c	4	64	50	0.53	
Plymouth ...	29.91	60	SW	4	be	29.95	+ .04	58	55	— .3	W	3	be	*	67	54	0.04	
Hurst Castle ...	29.91	63	W	5	be	29.90	— .01	60	57	— .3	NNW	3	c	3	63	57	0.01	
Dover ...	29.89	63	WSW	5	be	29.90	+ .01	60	55	— .5	WSW	3	be	3	66	54	—	
London ...	29.85	65	SW	2	o	29.89	+ .04	57	53	— .4	SW	3	be	*	64	50	0.19	
Oxford ...	29.85	65	SW	2	o	29.88	+ .03	56	52	— .4	SW	2	c	*	66	50	0.09	
Cambridge ...	29.80	62	SW	1	c	29.84	+ .04	55	53	— .2	SW	1	be	*	70	50	—	
Yarmouth ...	29.78	64	WSW	3	be	29.82	+ .04	57	53	— .4	W	3	be	2	67	49	—	
The Helder ...	29.78	64	WSW	3	be	29.81	+ .03	60	56	— .4	WSW	3	c	*	*	*	—	
Cape Gris Nez ...	29.91	63	W	5	c	29.94	+ .03	57	55	— .2	NNW	2	r	2	66	55	0.12	
Jersey ...	29.99	64	W	5	c	30.02	+ .03	60	55	— .5	W	5	be	4	67	58	—	
Brest ...	30.08	72	W	3	o	30.11	+ .03	59	57	— .2	NNW	3	be	4	?	57	—	
L'Orient ...	30.06	63	NNW	3	c	30.10	+ .04	59	57	— .2	NNW	3	c	3	70	55	0.08	
Rochefort ...	30.04	72	NW	5	c	30.08	+ .04	64	61	— .3	SE	3	o	3	75	57	—	
Biarritz ...	30.04	73	N	4	o	30.06	+ .02	63	61	— .2	E NE	2	o	3	73	63	—	
Corunna ...	30.14	67	NE	1	c	30.14	+ .00	67	67	—	NE	1	c	1	*	*	*	
Brussels ...	29.95	56	SW	3	c	29.95	+ .00	56	56	—	SW	3	c	*	*	*	—	
Charleville ...	29.90	50	SE	1	c	29.90	+ .00	57	57	—	SE	1	c	*	*	*	—	
Paris ...	29.96	40	WSW	3	be	30.02	+ .06	60	58	— .2	SW	2	o	*	*	*	—	
Lyons ...	29.96	40	WSW	3	be	29.96	+ .00	60	58	— .2	SW	2	o	*	*	*	—	
Toulon ...	29.96	75	NNW	2	be	29.99	+ .03	73	72	— .1	W	0	m	2	82	70	—	

REPORTS AND REMARKS

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.54	54	52	ESE	8	r	5	Valencia							
Thurso	29.40	59	53	W N W	2	be	3	Scilly							
Scarborough ...	29.67	61	56	W S W	4	be	3	London	29.85	63	59	5	2	be	*
Greencastle ...	29.57	56	57	W	2	c	*	Rochefort ...	30.07	72	63	N W	3	be	3
Holyhead	29.74	60	56	S W	5	c	4								

The barometer has risen at all the *Nor* stations from which we have received our afternoon reports, but that from Valencia is not in yet. The wind has lulled a little but is inclined to "back" again in Wales, and at Pembroke the barometer has ceased rising since noon.

EXPLANATION OF COLUMNS.

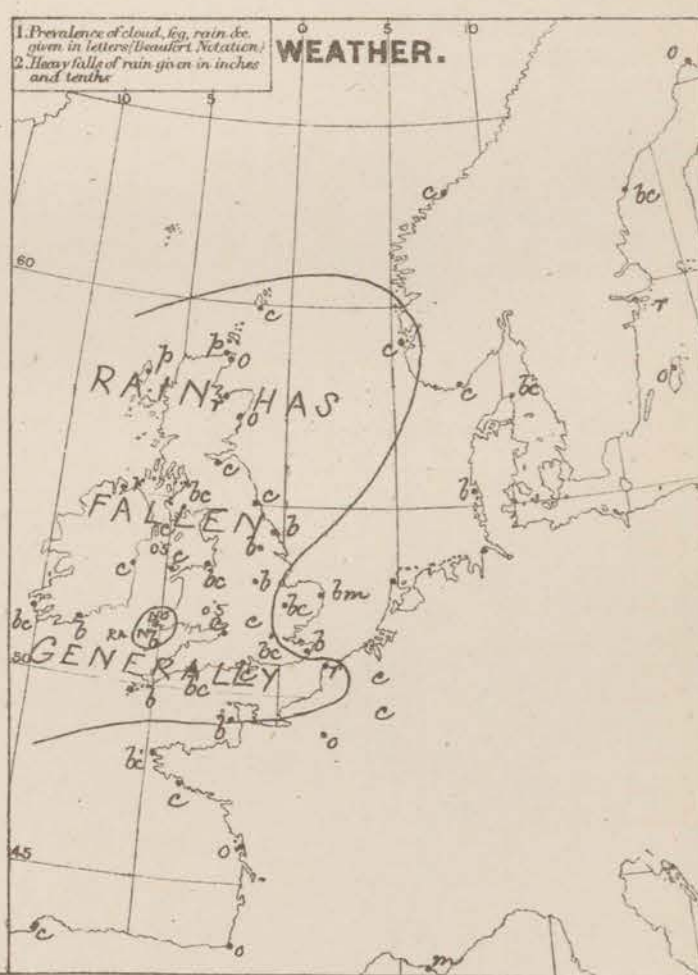
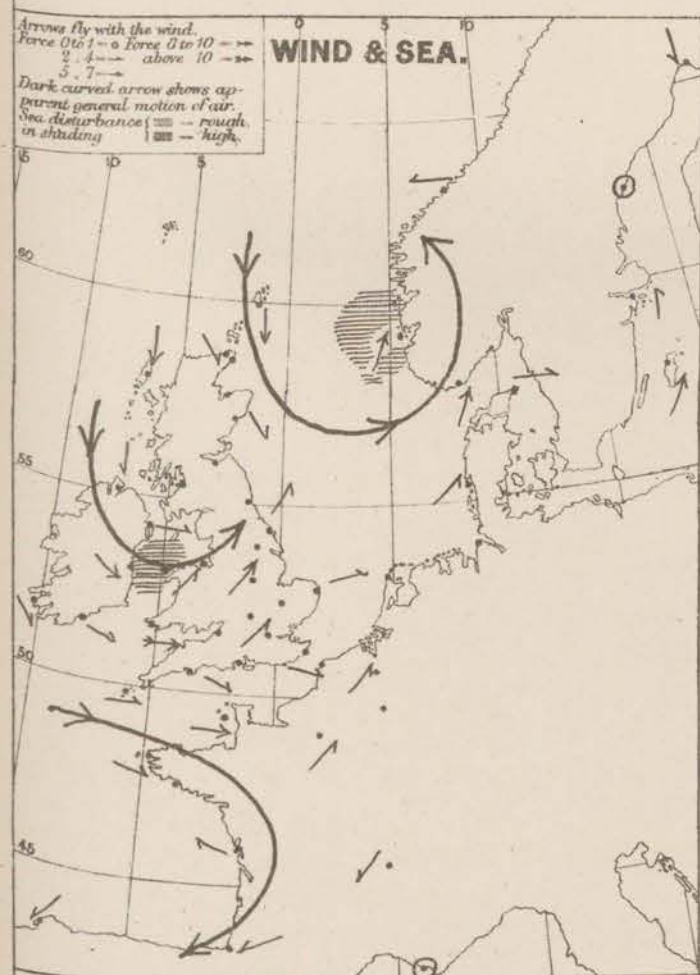
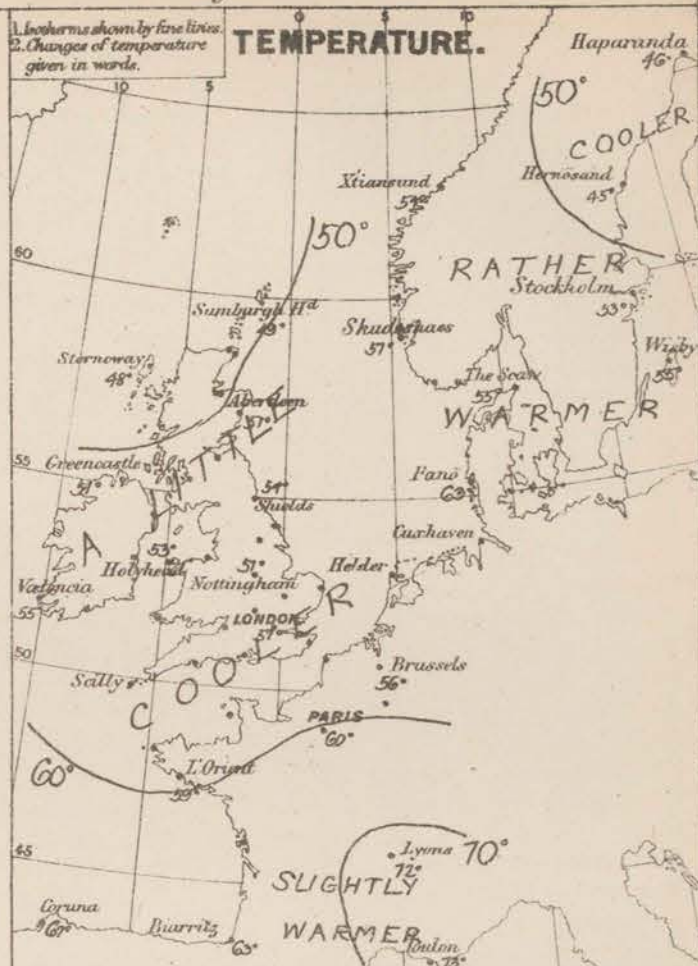
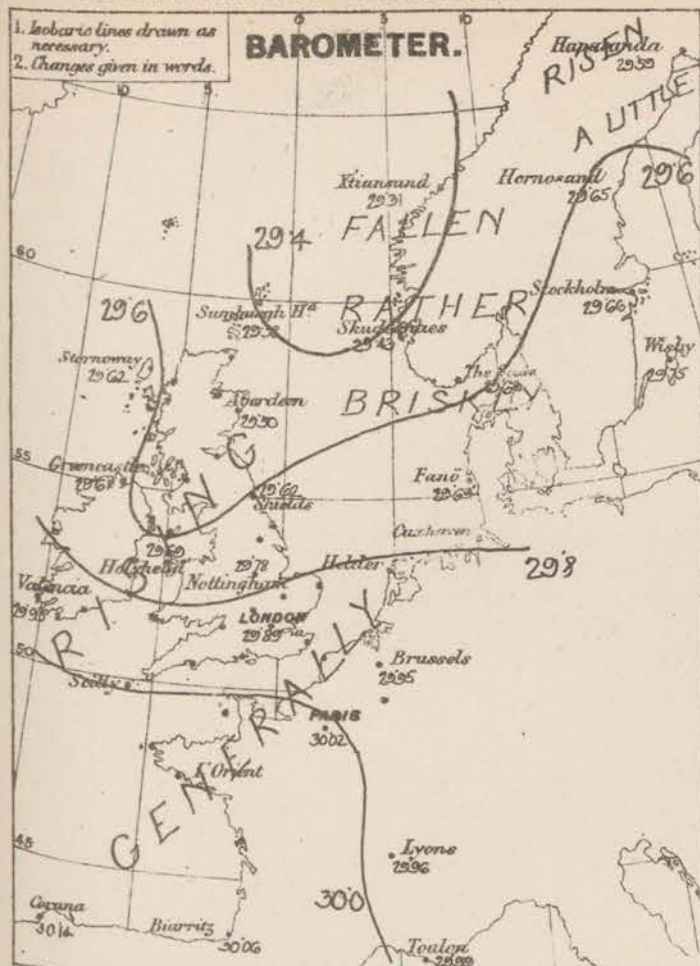
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS *for 8 a.m. on Friday 31ST AUG.ST 1877.*



REMARKS. Weather is now fine at all but the Scotch stations, where it has become overcast and showery during the night. Showers of rain fell in nearly all parts of the kingdom yesterday, but the largest amounts reported are only 0.5 in. at Portsohead and Liverpool, and a quarter of an inch at Aberdeen. Temperature has fallen generally, and is very low for the time of year - especially in the north. In Scotland it is 45° to 51° , in Ireland 50° to 55° , and over England 55° to 60° ; the latter reading being reported from our south coast only. The maximum values for our inland countries yesterday were 66° to 68° except at Cambridge where 70° was recorded. At London it was 84° . Wind is strong from the N^w in Scotland, moderate from NW in Ireland, strong from W in Wales, and moderate from SW over England and the North Sea. Sea is rather rough in the north west, slight elsewhere.

Barometrical Indications. No depression noticed in Scotland yesterday has reached the west coast of Norway, but during the night a small secondary disturbance has taken its place over our northern stations. The barometer is rising generally, and the small disturbances will probably pass over to the North Sea during the day.

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 AUGUST 1877

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 39° 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 39° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
1 st	Hernösand	29.52	54	N N W	2	b c	29.45	-11	53	48	0	N N W	2	c	*	*	*	-	
	Stockholm	29.59	58	Z	0	b	29.48	-18	57	55	-1	Z	0	c	*	*	*	-	
	Näsby	29.68	60	N	6	b	29.50	-24	60	59	+1	S W	2	c	*	*	*	-	
	Scilly	29.97	61	N	4	0	30.06	-02	59	58	+1	N	0	c	*	*	*	-	
	Corunna	*	*	*	*	*	30.17	-	69	*	-	N E	1	c	*	*	*	-	
	Scilly 2pm						30.13	-	61	55	-6	N W	5	b c	4	-	-	-	
2 nd	Haparanda	29.24	51	N W	2	b	29.21	-3	51	49	-2	N W	4	0	*	*	*	-	
	Hernösand	29.37	54	N W	2	b	29.40	-05	54	50	+4	N W	2	b	*	*	*	-	
	Stockholm	29.38	51	N	2	0	29.45	-07	60	55	+5	Z	0	b	*	*	*	-	
	Scilly	30.11	60	N W	5	b c	30.13	+02	59	55	0	N	5	c	4	61	56	0.16	
	Scilly 2pm						30.13	-	60	56	-4	N W	5	b c	4	-	-	-	
3 rd	Scilly	30.18	60	N W	5	b c	30.17	+01	61	59	+2	N	4	b c	4	61	56	-	
	Scilly 2pm						30.17	-	64	61	-3	N N W	5	b c	4	-	-	-	
4 th	Scilly	30.14	61	N W	4	b	30.09	-05	60	58	-2	Z	0	b c	1	64	56	-	
	Corunna	*	*	*	*	*	30.17	-	64	61	-3	N N W	5	b c	4	*	*	*	-
	Scilly 2pm						30.09	-	63	60	-3	S	3	b	1	65	59	-	
5 th	Scilly	30.07	61	S	3	b c	30.01	-06	65	62	+3	S S E	4	c	0	65	59	-	
6 th	Skagen	29.86	57	Z	0	b	29.98	+12	60	56	0	N N W	2	b	0	68	46	-	
	Scilly	29.94	62	S E	5	0	29.84	-10	63	63	-2	S W	5	c	4	66	61	0.02	
	Scilly 2pm						29.83	-	64	62	-2	S S W	5	c	4	-	-	-	
7 th	Scilly	29.78	62	S	5	0	29.50	-28	60	59	-1	S	5	c	5	67	59	0.42	
	Corunna	*	*	*	*	*	29.77	-	69	*	-	S W	9	c	6	*	*	*	-
	Scilly 2pm						29.47	-	67	63	-4	S W	6	c	6	68	58	0.62	
8 th	Scilly	29.45	62	S W	6	c	29.24	-21	59	58	-1	S W	9	c	7	68	58	0.62	
	Scilly 2pm						29.35	-	63	60	-3	N	5	c	5	-	-	-	-
9 th	Scilly	29.49	61	N N W	9	c	29.70	+21	60	59	+1	N N W	5	0	5	63	58	0.13	
	Scilly 2pm						29.82	-	63	60	-3	N	5	c	5	*	*	*	-
10 th	Haparanda	30.21	57	S W	2	b	30.27	+06	60	57	+3	S W	4	b	*	*	*	-	
	Hernösand	30.24	56	Z	0	b	30.25	+01	56	55	-1	Z	0	c	*	*	*	-	
	Stockholm	30.11	60	E	6	b	30.10	-01	67	60	+7	E S E	6	b	*	*	*	-	
	Näsby	30.06	61	E	6	b	30.12	+06	65	58	+7	S E	8	b c	*	*	*	-	
	Curhaven	29.78	2	S W	3	b	29.85	+07	63	62	+1	S W	3	c	4	63	57	0.06	
	Scilly	29.85	61	W	5	c	29.92	+07	59	55	-4	N N W	4	c	4	63	57	-	
	Corunna	*	*	*	*	*	30.12	+03	69	*	+1	N	2	c	5	*	*	*	-
	Scilly 2pm						29.98	-	62	57	-5	N N W	5	b c	4	-	-	-	
11 th	Haparanda	30.26	57	Z	0	b	30.32	+06	60	54	-6	Z	0	b	*	*	*	-	
	Hernösand	30.25	56	Z	0	b	30.29	+04	60	57	+3	S E	2	b	*	*	*	-	
	Stockholm	30.09	60	E	6	b	30.12	+03	67	61	+4	E	6	b	*	*	*	-	
	Scilly	30.02	60	N N W	5	b c	30.10	+08	59	56	-3	N W	5	b c	4	63	57	0.02	
	Scilly 2pm						30.12	-	63	57	-6	N W	4	b c	4	-	-	-	
12 th	Scilly	30.13	62	N N W	2	b c	30.09	-04	60	56	-4	E	4	b c	2	63	56	-	
13 th	Scilly	30.01	60	E S E	4	b c	29.91	-10	62	59	+3	E	6	c m	4	63	58	-	
	Corunna	*	*	*	*	*	29.76	-15	69	*	+1	S W	3	c	1	*	*	*	-
	Scilly 2pm						29.89	-	64	60	-4	E	5	c	5	-	-	-	
14 th	Scilly	29.85	61	E	5	c	29.76	-09	61	60	-1	S E	4	0	4	64	59	-	
	Scilly 2pm						29.80	-	62	61	-1	S S E	3	0	3	-	-	-	
15 th	Haparanda	29.96	54	Z	0	b c	29.89	-07	46	41	-5	N	6	b	*	*	*	-	
	Hernösand	29.96	63	S W	2	c	29.89	-07	60	54	-6	N E	2	b	*	*	*	-	
	Stockholm	29.99	62	Z	0	b	29.88	-11	63	60	-3	Z	0	c	*	*	*	-	
	Näsby	29.99	62	S E	4	0	29.86	-13	66	62	-4	S E	6	c	*	*	*	-	
	Scilly	29.81	61	S S W	4	0	29.88	+07	62	62	0	S S W	4	c	5	62	59	0.02	
	Corunna	*	*	*	*	*	30.03	-12	67	*	-4	S W	3	c	1	*	*	*	-
	Scilly 2pm						29.93	-	69	65	-4	N S W	4	c	3	-	-	-	
16 th	Scilly	29.92	62	S S W	4	0	29.84	-08	62	61	-1	S S W	6	c	4	69	59	0.09	
	Corunna	*	*	*	*	*	30.01	-02	71	*	+4	N E	1	b	1	*	*	*	-
	Scilly 2pm						29.91	-	66	63	-3	N S W	5	c	4	-	-	-	
17 th	Haparanda	29.80	48	N	2	0	29.80	-00	46	41	-5	N	2	b	*	*	*	-	
	Hernösand	29.80	52	Z	0	b	29.76	-04	53	51	-2	N N E	4	0	*	*	*	-	
	Stockholm	29.72	60	Z	0	b	29.74	+02	63	60	-3	S W	4	0	*	*	*	-	
	Näsby	29.76	62	W	4	b c	29.74	-02	63	59	-4	N S W	6	b c	*	*	*	-	
	Skudonæs	29.47	64	N N W	1	0	29.61	+14	64	62	+2	N N W	1	0	3	70	63	0.13	
	Scilly	29.94	62	N S W	5	b c	30.00	+06	66	63	+3	S W	4	b c	1	68	58	0.06	
	Corunna	*	*	*	*	*	30.06	+06	65	*	-6	N	3	b	1	*	*	*	-
	Scilly 2pm						30.03	-	68	60	-8	S	4	c	3	-	-	-	-
18 th	Scilly	30.02	62	S	3	0	29.97	-05	61	60	-1	S S E	5	0	4	69	60	-	
	Biarritz	29.99	75	N N E	1	b	29.92	-07	68	66	-2	E N E	1	b	2	*	*	*	-
	Corunna	*	*	*	*	*	29.94	-12	70	*	+5	N N E	1	b	1	*	*	*	-
	Scilly 2pm						29.93	-	64	63	-1	S	4	0	4	-	-	-	-
19 th	Scilly	29.90	62	S	4	0	29.74	-16	62	62	0	N S W	4	0	4	64	61	0.22	
20 th	Scilly	29.83	62	S	4	0	29.72	-11	63	62	+1	S	6	0	4	67	62	0.44	
	Corunna	*	*	*	*	*	29.86	-14	72	*	+1	S	6	c	1	*	*	*	-
	Scilly 2pm						29.68	-	63	63	0	S	4	c	5	-	-	-	-
21 st	Scilly	29.57	62	S S E	5	b	29.68	+11	63	60	-3	N S W	6	c	5	68	59	0.33	
	Biarritz	29.79	90	S S W	4	b	29.96	+17	70	66	+6	N N W	3	0	3	99	68	0.15	
	Corunna	*	*	*	*	*	29.95	+09	69	*	-3	S W	3	c	1	*	*	*	-
	Scilly 2pm						29.70	-	67	64	-3	S W	6	c	5	-	-	-	-
22 nd	Scilly	29.65	62	S	5	0	29.72	+07	59	56	-3	N	5	c	4	67	56	0.12	

