

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY—30TH JUNE,

1877.



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

Published by the Admiralty

DAILY WEATHER REPORT JAN^y 1st 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
	Barometer at 330 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRE.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 330 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda ...														*	*	*			
Hernösand ...														*	*	*			
Stockholm ...														*	*	*			
Wisby ...														*	*	*			
Christiansund ...														*	*	*			
Skudesnaes ...	28.83	33	ENE	2	S	28.92	-.21	31	31	-.3	NNE	2	0	6	34	?	-		
Oxö (Xtiansand) ...																			
Skagen (The Scaw) ...	28.94	39	N	4	0	29.00	-.13	32	31	-.5	ENE	3	f	1	41	30	0.05		
Fanö ...	29.17	41	NW	6	0	29.10	-.24	40	40	+.1	SW	4	c	*	41	27	0.16		
Cuxhaven ...	29.28	*	*	*	*	29.19	-.26	47	47	+.3	SW	4	0	*	*	*	0.24		
Sumburgh Head ...																			
Stornoway ...	28.90	38	NE	10	P	29.13	+.31	33	32	-.10	NNW	1	6	5	43	32	0.14		
Thurso ...	28.89	37	ENE	8	P	29.09	+.24	37	33	-.6	NE	4	0	4	43	34	0.84		
Wick ...	28.94	36	E	10	P	29.07	+.23	36	34	-.9	E	1	0	3	?	33	0.81		
Nairn ...	28.76	40	NNE	11	P	29.06	+.24	35	33	-.5	NNE	8	0	8	42	35	0.46		
Aberdeen ...	28.69	40	NW	1	0	28.96	+.16	38	35	-.8	NNE	8	P	6	47	37	0.17		
Leith ...	28.73	43	NW	4	0	28.81	+.04	37	37	-.12	ENE	7	P	*	52	36	0.94		
Shields ...	28.85	50	SW	6	0	28.76	-.12	46	44	-.2	SW	2	PM	2	52	46	0.03		
York ...	29.07	50	SW	6	0	28.76	-.25	46	45	-.2	NE	1	P	*	54	45	0.10		
Scarborough ...	29.08	50	SW	5	0	28.76	-.22	48	48	+.1	ENE	1	PM	3	50	44	0.15		
Nottingham ...	29.12	50	SW	8	0	28.73	-.34	48	48	-.4	SSE	4	P	*	55	47	0.30		
Ardrossan ...	28.76	49	SW	11	0	28.87	+.16	35	34	-.14	NE	6	sq	4	50	35	0.94		
Greencastle ...	28.70	46	NW	2	0	28.57	+.27	39	38	-.7	NNE	4	0	*	48	38	0.26		
Donaghadee ...	28.78	48	NW	11	0	28.76	+.02	42	42	-.5	NNE	7	0	6	58	42	0.18		
Kingstown ...	28.87	51	SE	3	0	28.76	-.03	46	45	-.4	NW	3	0	3	52	45	0.43		
Holyhead ...	28.94	51	SW	8	m	28.74	-.15	48	45	-.4	SW	2	m	2	53	45	0.53		
Liverpool (Bidston) ...	28.91	50	SW	7	0	28.73	-.22	48	43	-.7	SE	1	r	3	52	43	0.14		
Valencia ...	28.84	53	N	5	P	28.92	+.23	47	46	-.4	NNE	2	c	3	53	46	0.12		
Roche's Point ...	28.89	50	SW	8	0	28.85	-.04	47	45	-.4	N	4	c	5	52	43	0.38		
Pembroke ...	29.06	51	SW	7	0	28.77	-.22	46	45	-.5	NNW	3	r	4	53	44	0.22		
Portishead ...	29.22	51	NW	4	0	28.67	-.57	49	49	-.2	SW	4	P	4	55	48	0.43		
Scilly ...	29.18	53	SW	9	0	28.92	-.23	50	49	-.3	NW	6	0	6	55	46	0.90		
Plymouth ...	29.24	51	SW	7	0	28.79	-.40	49	49	-.1	N	7	0	*	54	49	0.53		
Hurst Castle ...	29.29	54	SW	6	0	28.69	-.58	53	53	-.1	SW	9	PM	6	56	49	0.13		
Dover ...	29.35	52	NW	5	0	28.90	-.43	53	49	+.1	S	5	cu	5	54	50	0.12		
London ...	29.24	53	SW	5	0	28.80	-.43	51	50	-.3	S	8	ogd	*	56	50	0.06		
Oxford ...	*	*	*	*	*	28.73	-.46	51	49	-.1	S	5	r	*	54	50	0.11		
Cambridge ...	29.24	49	SW	3	0	28.79	-.40	50	46	-.2	S	2	0	*	55	48	0.05		
Yarmouth ...	29.23	51	SW	6	0	28.67	-.51	50	47	-.1	S	4	c	*	54	47	0.03		
The Helder ...	*	*	*	*	*	28.69	-.26	48	44	+.1	S	2	c	*	*	*	-		
Cape Gris Nez ...																			
Brest ...	?	55	S	4	r	?	?	52	50	-.2	N	6	m	7	59	48	0.12		
L'Orient ...																			
Rochefort ...	29.19	?	SW	3	c	29.49	-.18	54	50	-.4	N	6	0	5	52	46	-		
Biarritz ...	29.61	64	SSE	4	c	29.53	-.20	64	63	-.1	S	6	r	8	73	64	-		
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*	29.17	-.33	52	*	+.2	SW	3	0	*	*	*	*		
Charleville ...	*	*	*	*	*	29.28	?	52	*	+.4	SW	9	0	*	*	*	*		
Paris ...	29.56	53	S	3	0	29.28	-.30	55	*	+.4	SW	6	0	*	*	*	*		
Lyons ...	*	*	*	*	*	?	?	59	*	+.3	S	7	0	*	*	*	*		
Toulon ...	30.07	52	E	5	0	29.98	-.10	48	46	-.2	ENE	5	0	5	54	48	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudeenaes ...	28.54	33	33	ENE	4	3	Valencia ...						
Thurso ...							Scilly ...						
Scarborough ...							London ...						
Greencastle ...						*	Rochefort ...	29.60	57	51	SW	3	3
Holyhead ...													

EXPLANATION OF COLUMNS.

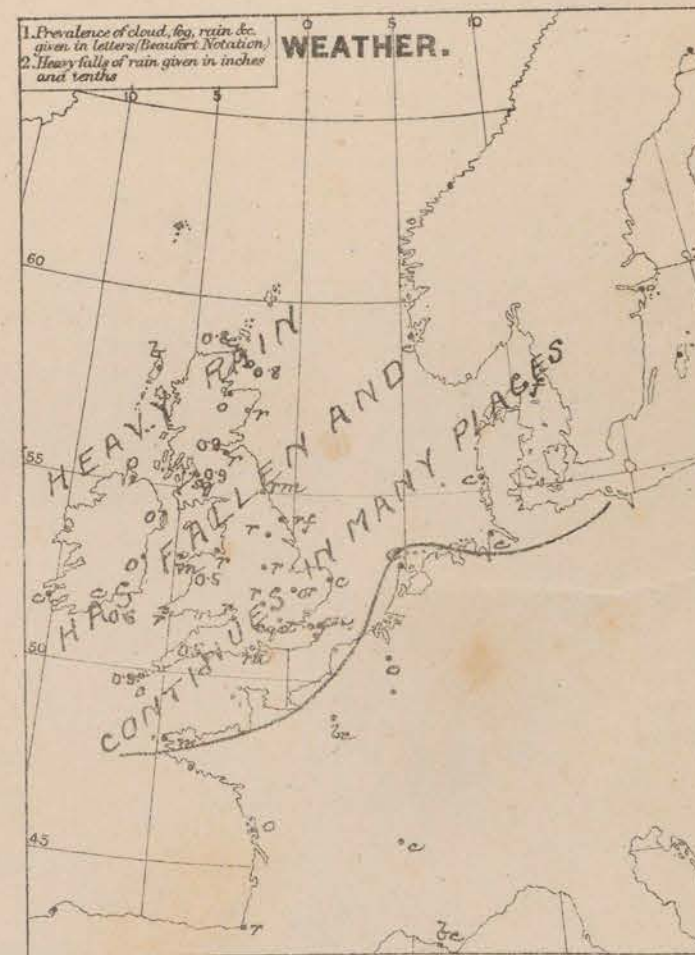
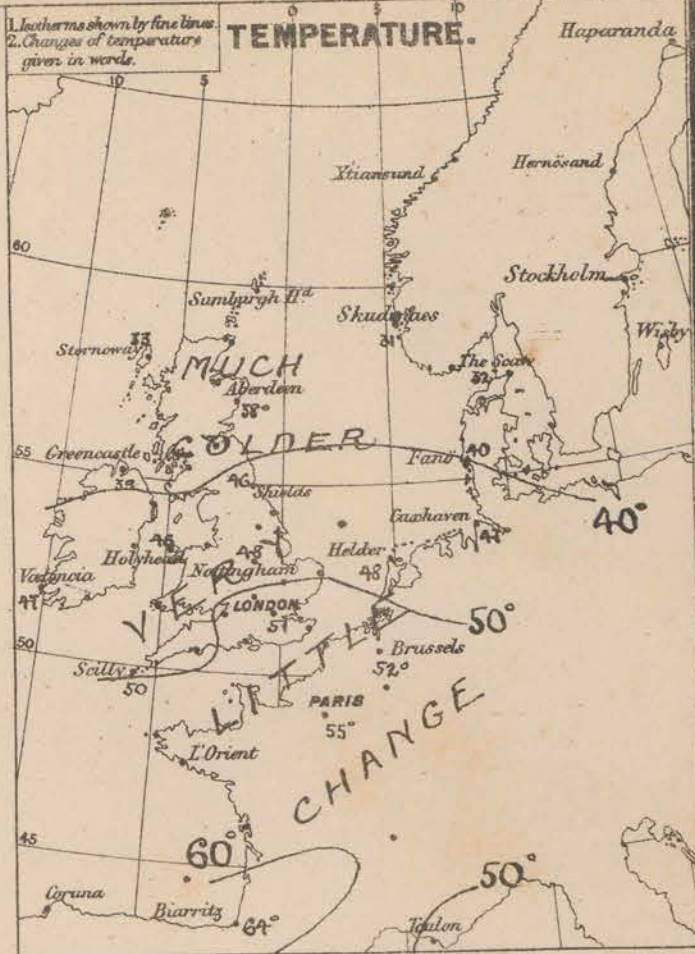
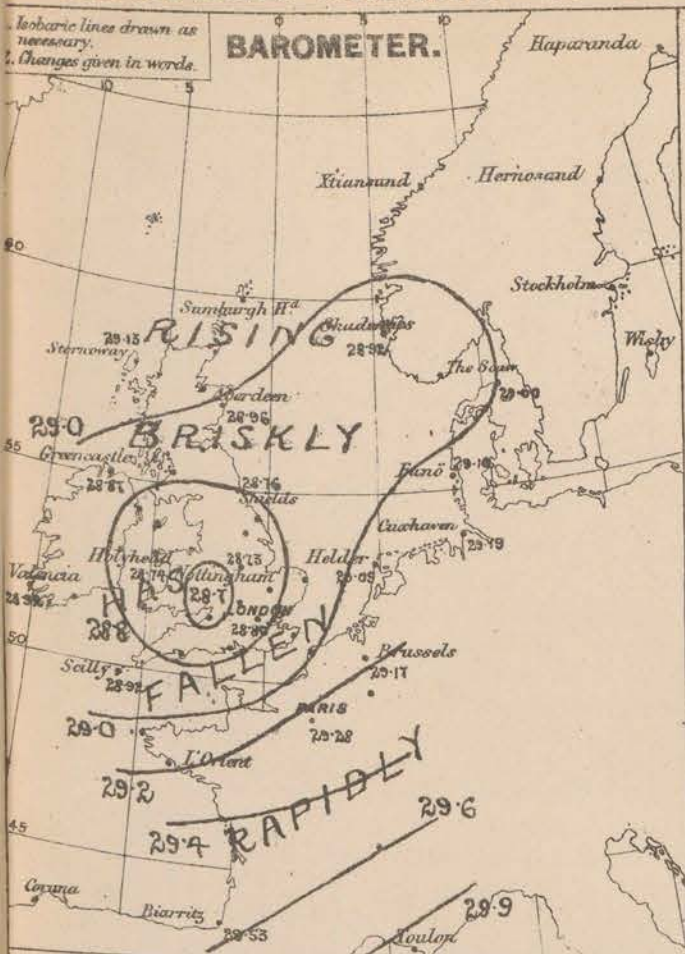
WEATHER.--Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS *for 8 a.m. on Monday JAN^y 1st 1877.*



REMARKS. The weather over the British Isles is still in an exceedingly unsettled and stormy condition, and during the past night the centre of a deep depression has advanced over England from the W. causing the barometer to fall below 28.7 ins. in the neighbourhood of Herefordshire and S. Wales, while it has risen rather briskly in Scotland. Strong NE. gales have consequently set in at many of the Scotch stations, while S. to W. gales are felt in the S. of our Islands, and apparently over France, but in Ireland, the Irish Channel and NE. of England, the wind is at present light. Temperature has decreased several degrees over our N. coast, but shows little change in the S. Stonyway is 20° colder than Hurst Castle, where the thermometer now stands at 63°. Large quantities of rain have again fallen in all parts of the County—especially in the N. and NE. The sea runs high in the Moray Firth, and is very rough off the E. of Scotland, generally, as well as in the English Channel and Bay of Biscay.

The warnings sent to our W, S, and SE, coasts on Saturday and Sunday were extended to the NE. this morning.

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

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT

JAN 2nd 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 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 ...	29.25	6	NE	6	o	?	?	0	0	+ 2	?	4	o	*	*	*	0.20	
Hernösand ...	29.11	19	NE	4	*	29.18	+ .12	1	1	- 17	NNE	2	c	*	*	*	0.04	
Stockholm ...	28.81	25	E	9	3	28.90	- .10	20	19	- 6	NNE	6	o	*	*	*	0.20	
Wisby ...	28.82	40	SSW	6	7	28.90	- .16	32	29	- 8	NNE	8	o	*	*	*	0.48	
Christiansund ...																		
Skudesnaes ...	28.86	48	NNW	4	u	29.25	+ .33	24	22	- 7	NNW	4	b	3	32	7	-	
Oxö (Xtiansand) ...	28.75	28	NE	7	3	29.17		28	25		NE	2	b	2	28	23	-	
Skagen (The Seaw) ...	28.64	32	E	5	3	29.12	+ .12	26	25	- 6	ENE	2	o	2	37	23	0.12	
Fanö ...	28.88	39	W	6	o	29.27	+ .17	33	33	- 7	NNW	4	c	*	*	*	0.47	
Cuxhaven ...	28.92	*	*	*	*	29.28	+ .09	39	39	- 8	NN	5	cm	*	*	*	0.14	
Samburgh Head																		
Sternoway	?	34	NNE	4	3	29.59	+ .46	25	24	- 8	NNW	1	b	4	43	20	1.20	
Thurso ...	29.21	35	NE	4	c	29.49	+ .40	32	31	- 5	N	2	3	3	38	31	0.09	
Wick ...	29.25	34	NE	5	c	29.53	+ .44	29	28	- 7	NNW	1	o	0	36	27	-	
Nairn ...	29.17	35	NNE	2	be	29.58	+ .52	27	27	- 8	NN	1	c	3	37	27	0.03	
Aberdeen ...	29.13	36	N	6	o	29.51	+ .55	28	28	- 10	NNW	1	b	4	38	28	0.04	
Leith ...	29.17	37	ENE	5	b	29.59	+ .78	28	27	- 9	N	2	b	*	39	27	0.21	
Shields ...	29.07	36	NNE	8	o	29.62	+ .86	30	28	- 16	NNW	2	bm	0	46	9	0.36	
York ...	29.00	?	NE	1	p	29.65	+ .89	32	29	- 14	NNW	1	b	*	47	30	0.38	
Scarborough ...	29.01	38	N	7	t	29.61	+ .85	32	30	- 16	NNW	1	b	4	45	32	0.52	
Nottingham ...	29.03	37	N	5	t	29.65	+ .92	33	30	- 15	N	3	b	*	49	32	0.45	
Ardrossan ...	29.21	35	NE	3	t	29.63	+ .76	27	?	- 8	E	1	bm	1	37	27	0.01	
Greencastle ...	29.16	36	ENE	2	o	29.60	+ .73	35	32	- 4	SSE	1	b	*	40	32	0.18	
Donaghadee ...	29.18	40	NNW	4	be	29.60	+ .84	30	29	- 12	S	1	b	1	41	29	-	
Kingstown ...	29.16	41	NN	6	o	29.59	+ .83	37	36	- 9	NNW	3	c	3	46	35	0.58	
Holyhead ...	29.09	43	NNE	5	o	29.60	+ .86	36	35	- 10	S	2	be	2	45	35	0.16	
Liverpool (Bidston) ...	29.06	38	NNE	2	o	29.63	+ .90	34	31	- 9	NE	1	m	1	46	33	0.18	
Valencia ...	29.30	42	NE	3	p	29.53	+ .61	38	36	- 9	E	3	b	5	48	32	0.10	
Roche's Point...	29.25	44	NNE	4	t	29.55	+ .70	34	32	- 13	NE	2	b	4	48	32	0.18	
Pembroke ...	29.08	46	NN	4	c	29.56	+ .69	39	38	- 7	E	3	be	3	50	38	0.16	
Portishead ...	29.06	46	WSW	4	o	29.63	+ .96	36	35	- 13	N	2	o	3	51	24	0.09	
Scilly ...	29.18	50	NNW	6	o	29.56	+ .64	43	40	- 7	N	0	o	5	53	42	0.11	
Plymouth ...	29.22	50	WSW	1	o	29.59	+ .80	39	39	- 10	NN	2	t	*	53	39	0.11	
Hurst Castle ...	29.10	51	SW	6	o	29.60	+ .91	40	39	- 13	NE	4	c	4	?	38	0.20	
Dover ...	29.13	34	WSW	5	o	29.57	+ .67	41	40	- 12	NNW	4	c	2	54	40	0.18	
London ...	29.07	30	SW	3	c	29.63	+ .83	37	36	- 14	NNW	1	cm	*	54	36	0.21	
Oxford ...	*	*	*	*	*	29.64	+ .91	36	35	- 15	N	1	o	*	52	35	0.23	
Cambridge ...	29.03	48	N	1	c	29.63	+ .84	35	34	- 15	NNW	1	o	*	54	35	0.16	
Yarmouth ...	29.02	48	SW	4	o	29.57	+ .70	38	37	- 12	NN	2	b	6	53	36	0.11	
The Helder. ...	*	*	*	*	*	29.45	+ .36	42	38	- 6	NN	3	c	*	*	*	0.20	
Cape Gris Nez																		
Brest ...	?	34	N	5	be	?	?	30	48	- 2	WSW	2	o	5	54	46	0.12	
L'Orient ...	29.45	52	WSW	8	c	29.70	+ .44	48	45	- 4	N	2	o	5	55	46	0.08	
Rochefort ...	29.65	55	N	6	o	29.77	+ .30	52	50	- 2	N	4	o	5	57	46	0.12	
Biarritz ...	29.71	64	WSW	4	b	29.89	+ .36	52	43	- 12	SSE	3	be	4	66	48	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.50	+ .33	46	*	- 6	WSW	?	o	*	*	*	0.18	
Charleville ...	*	*	*	*	*	29.58	+ .30	38	*	- 16	SSW	6	o	*	*	*	*	
Paris ...	29.45	51	SW	4	b	29.70	+ .42	45	*	- 10	SW	3	b	*	*	*	-	
Lyons ...	*	*	*	*	*	?	?	54	*	- 5	S	2	b	*	*	*	*	
Toulon ...	29.89	52	E	5	c	29.94	- .04	52	?	+ 4	E	3	m	4	55	48	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	28.82	31	29	NNE	4	0	Valencia	29.10	45	44	NE	4	P	4
Thurso	29.15	36	32	ENE	5	c	Scilly	29.03	32	30	WSW	6	c	6
Scarborough ...	28.77	45	44	NNW	1	sf	London	29.01	32	49	WSW	6	cg	*
Greencastle ...	29.04	39	36	NE	2	0	Rochefort ...	?	37	?	WSW	6	be	5
Holyhead	28.89	44	42	NNE	5	mcw								

The barometer is now rising on all our coasts, and the N.W. wind has extended over all the N. parts of England. At Shields it blew a fresh gale at 11 a.m., but at Scarborough is still light. The westerly winds extended from the Hebrides down our E. coast to the mouth of the Thames at 1 p.m. today.

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.

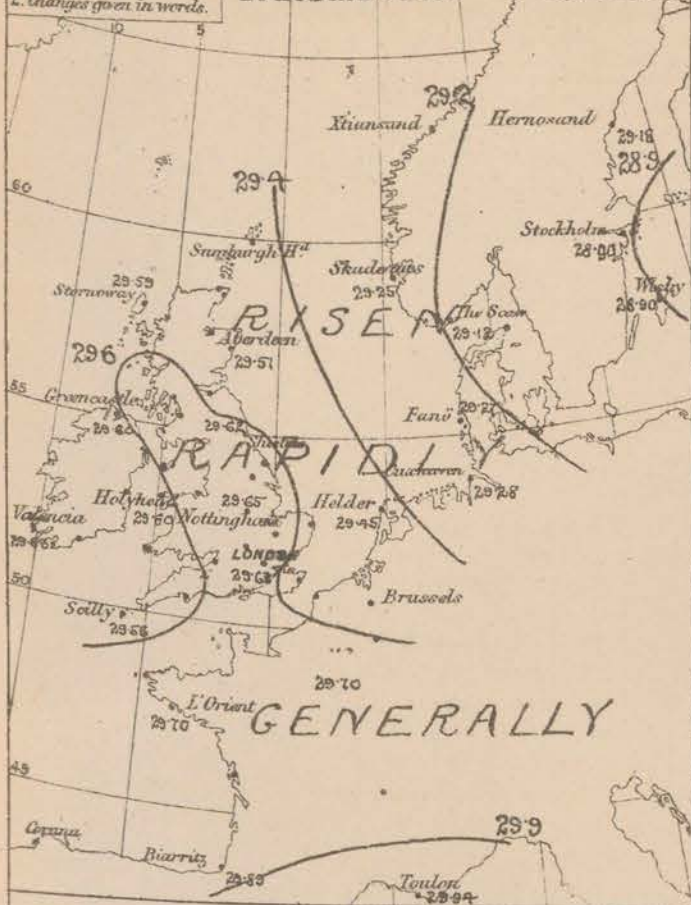
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 JAN^y. 2nd 1877.

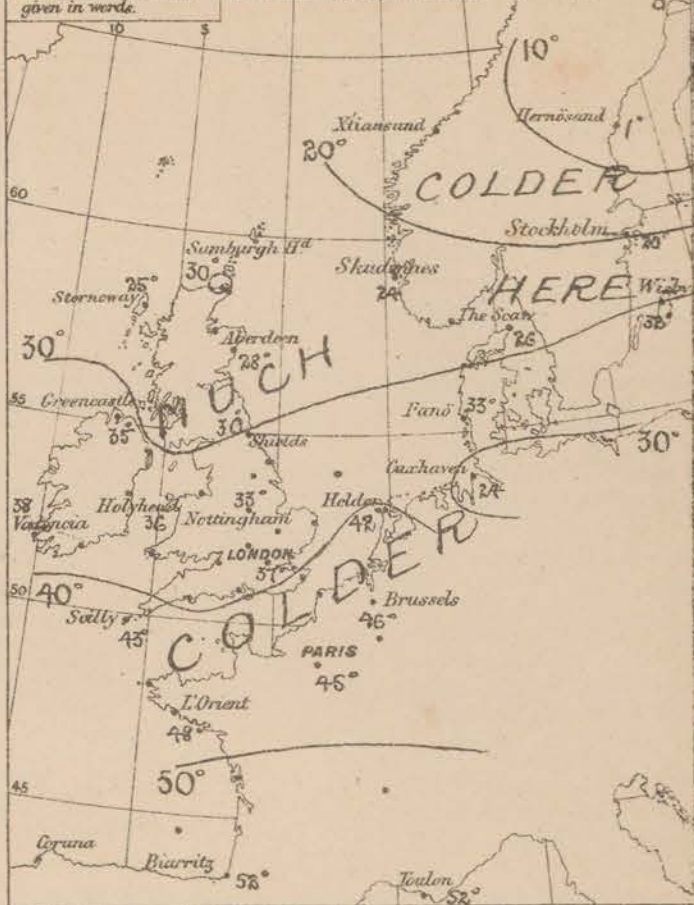
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



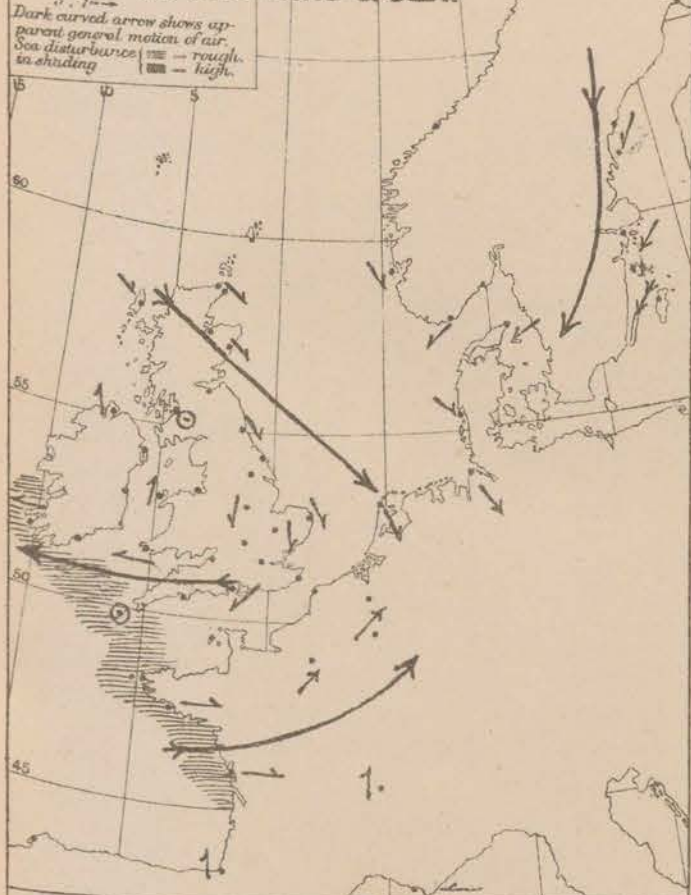
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



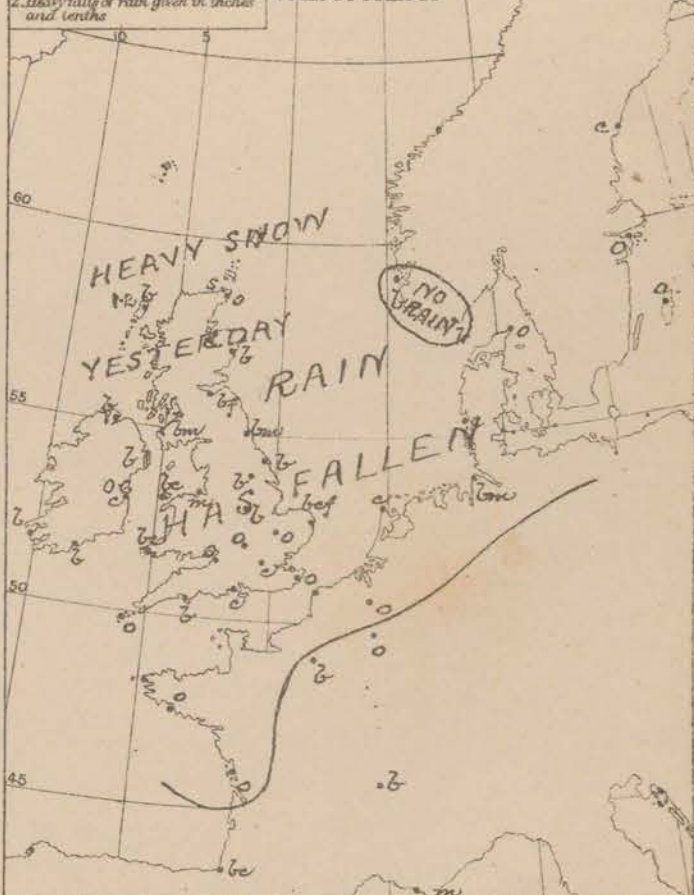
1. Force 0 to 10 —
 2. Force 10 to 20 —
 3. Force 20 to 30 —
 4. Force 30 to 40 —
 5. Force 40 to 50 —
 6. Force 50 to 60 —
 7. Force 60 to 70 —
 8. Force 70 to 80 —
 9. Force 80 to 90 —
 10. Force 90 to 100 —
- Dark curved arrow shows apparent general motion of air.
Sea disturbance: — rough, — high, — shading in shading.

WIND & SEA.



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

WEATHER.



REMARKS. The two depressions noticed over the British Isles, and North Sea yesterday have disappeared to the E^W of our area, and a rapid rise of the barometer has taken place very generally, amounting to more than 0.9 in. over Central England. Pressure is still highest in the S. of France, but there is also a separate anticyclone now lying over England and the North Channel. The winds are consequently light, and while they are NW in direction at the N^W and E^W stations, they are E^W in the SW, and SE^W in the NW of our Islands. Over Central England N^W air prevails. Temperature has fallen very considerably, and a sharp frost is reported this morning both at the Scotch stations, and in the extreme N. of England. In the Gulf of Bothnia the weather is very cold. A heavy fall of snow has occurred in the Hebrides, and a smaller quantity over Scotland generally. The sky is now clear in the W. and N. of our Islands, and in the S. of Norway, but cloudy and hazy elsewhere. The sea has gone down in the N, but is rather rough off our SW coasts. Warnings lowered in the E. to-day.

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

R. H. SCOTT,
Director.

Danforth Lane 72 Bedford St. Covent Garden

DAILY WEATHER REPORT JAN 3RD 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 320 F. and Sea Level.	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	-5	NE	6	0	29.82	?	-15	-15	-15	N	4	bc	*	*	*	-		
Hernösand ...	29.52	-11	N	2	6	29.90	+72	-22	-22	-22	N	2	bc	*	*	*	-		
Stockholm ...	29.50	5	NW	2	0	29.82	+92	-4	-9	-29	N	0	c	*	*	*	-		
Wisby ...	29.57	23	N	8	5	29.87	+97	19	18	-13	SW	4	0	*	*	*	-		
Christiansund ...																			
Skudesnaes ...	29.58	33	SW	6	0	29.73	+48	29	28	+5	ESE	1	3	3	34	23	-		
Oxö (Tiansand) ...	29.62	23	WNW	2	6	29.76	+39	27	26	-1	NSW	2	bc	2	28	19	-		
Skagen (The Saw) ...	29.66	27	NW	2	6	29.78	+66	30	28	+4	N	3	0	2	30	23	-		
Fanö ...	29.80	29	1/2	0	6	29.87	+60	28	27	-5	1/2	0	bc	*	34	25	-		
Cuxhaven ...	29.28	*	*	*	*	29.85	+87	34	34	-5	SSW	1	mc	*	*	*	-		
Sumburgh Head ...																			
Stornoway ...	29.73	20	NW	4	6	29.89	+20	29	27	+4	ENE	1	bc	3	30	15	0.01		
Thurso ...	29.70	24	1/2	0	5	29.78	+29	27	26	-5	N	1	bc	3	36	20	0.32		
Wick ...	29.70	?	NW	1	6	29.76	+23	24	23	-5	NW	1	bc	1	33	22	-		
Nairn ...	29.74	26	NW	1	6	29.83	+28	20	20	-7	1/2	0	bc	2	30	20	-		
Aberdeen ...	29.73	28	N	1	6	29.79	+28	22	21	-6	NSW	1	bc	2	33	22	-		
Leith ...	29.75	31	N	2	0	29.77	+18	24	28	+1	SE	2	0	*	38	24	-		
Shields ...	29.78	34	NW	1	6	29.76	+14	30	30	0	E	3	0	4	40	29	-		
York ...	29.83	33	ESE	1	6	29.72	+07	38	35	+6	E	1	0	*	41	32	-		
Scarborough ...	29.80	33	NW	1	6	29.73	+12	41	37	+9	SE	5	0	5	41	32	-		
Nottingham ...	29.78	34	ESE	3	0	29.65	+00	38	37	+5	ESE	5	7	*	38	31	-		
Ardrossan ...	29.76	30	NE	4	6	29.72	+09	30	?	+3	ENE	3	0	2	36	27	-		
Greencastle ...	29.66	37	E	2	6	29.52	-08	39	33	+4	E	4	0	*	43	33	-		
Donaghadee ...	29.70	39	SSE	3	6	29.57	-03	39	38	+9	SE	7	0	6	40	30	-		
Kingstown ...	29.60	42	SE	5	0	29.41	-18	43	42	+6	E	7	0	6	43	35	0.10		
Holyhead ...	29.60	37	SE	4	0	29.40	-20	39	38	+3	E	9	0	6	40	35	-		
Liverpool (Bidston) ...	29.71	35	E	3	0	29.55	-08	39	34	+5	E	6	0	3	39	34	-		
Valencia ...	29.07	44	ENE	5	0	28.95	-58	30	40	+12	E	7	7	5	51	36	0.08		
Roche's Point ...	29.42	40	ESE	5	0	29.06	-49	49	49	+15	SE	8	7	5	49	34	0.49		
Pembroke ...	29.51	41	ESE	7	0	29.25	-31	44	43	+5	E	7	7	4	44	37	0.14		
Portishead ...	29.63	41	SSW	6	0	29.42	-21	42	42	+6	E	8	7	5	45	34	0.25		
Scilly ...	29.36	50	SW	4	0	29.17	-39	54	53	+11	S	9	7	7	54	31	0.57		
Plymouth ...	29.46	46	S	2	0	29.32	-27	53	53	+14	S	5	0	*	54	39	0.89		
Hurst Castle ...	29.62	45	ESE	4	0	29.45	-15	52	52	+12	S	5	0	5	52	?	0.82		
Dover ...	29.77	43	ESE	4	0	29.60	+03	49	48	+8	S	4	0	3	50	39	0.36		
London ...	29.75	41	ESE	2	0	29.56	-07	45	45	+8	ESE	2	0	*	45	37	0.22		
Oxford ...	*	*	*	*	*	29.52	-12	42	41	+6	E	2	0	*	42	36	0.22		
Cambridge ...	29.77	36	ESE	1	0	29.59	-04	40	39	+5	ENE	2	0	*	42	35	0.03		
Yarmouth ...	29.80	38	ENE	2	0	29.67	+10	47	41	+4	E	7	0	5	42	37	-		
The Helder ...	*	*	*	*	*	29.79	+34	38	37	-4	E	1	0	*	*	*	-		
Cape Gris Nez ...	29.75	41	SE	3	0	29.71	?	48	46	?	S	3	0	2	48	39	0.35		
Brest ...	?	54	SW	5	0	?	?	55	54	+5	SSW	11	0	5	?	46	1.74		
L'Orient ...	29.62	54	NSW	6	0	29.47	-23	57	52	+6	S	5	0	5	55	45	0.57		
Rochefort ...	29.75	54	S	3	0	29.68	-14	52	48	0	S	6	0	5	55	46	0.04		
Biarritz ...	29.82	61	SSE	4	0	29.62	-27	59	50	+7	S	6	0	3	61	?	-		
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*	29.72	+22	45	*	-1	S	3	0	*	*	*	0.32		
Charleville ...	*	*	*	*	*	29.72	+14	46	*	+8	SSW	3	0	*	*	*	-		
Paris ...	29.80	48	S	3	0	29.72	+02	48	*	+3	S	3	0	*	*	*	0.06		
Lyons ...	*	*	*	*	*	?	?	58	*	+1	S	2	0	*	*	*	-		
Toulon ...	30.08	54	N	4	6	30.11	+17	50	48	-2	S	4	0	4	57	50	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.49	28	26	ENE	2	c	2	Valencia	29.45	42	37	ESE	3	c	4
Thurso	29.64	32	31	1/2	0	s	5	Scilly	29.44	47	44	SE	6	r	5
Scarborough ...	29.73	36	32	WNW	1	6	3	London	29.72	42	39	E	2	c	*
Greencastle ...	29.69	40	36	NE	2	6	*	Roche fort ...	29.77	54	50	S	4	0	3
Holyhead	29.65	38	36	SE	2	6	2								

The barometer has begun to fall fast again, on our SW. Coast and a strong breeze has sprung up from the S.W. with rain and a rough sea. -
Harrington is to our N. and S. 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.

DAILY WEATHER REPORT JAN 4TH 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 ...														*	*	*			
Hernösand ...														*	*	*			
Stockholm ...														*	*	*			
Wisby ...														*	*	*			
Christiansund ...														*	*	*			
Skudesnaes ...	29.76	32	SE	6	S	29.65	- .08	29	27	0	E	6	S	4	32	28	-		
Oxö (Xtiansand) ...	29.71	30	NE	7	S	29.70	- .06	11	11	- 16	NE	9	S	7	27	5	-		
Skagen (The Scaw) ...		4												*					
Fanö ...														*					
Cuxhaven ...	29.73	*	*	*	*	29.41	- .44	39	38	+ 5	SSE	2	om	*	*	*	0.14		
Sumburgh Head ...																			
Stornoway ...	29.67	34	ESE	8	0	29.39	- .40	34	33	+ 5	ENE	8	cu	8	36	28	-		
Thurso ...	29.75	37	ENE	5	0	29.43	- .35	34	33	+ 9	ENE	5	0	4	38	17	0.03		
Wick ...	29.72	37	ENE	5	0	29.40	- .36	36	35	+ 12	ENE	5	0	4	37	22	0.07		
Nairn ...	29.69	35	ENE	2	0	29.37	- .46	33	32	+ 13	ENE	3	S	4	36	20	0.02		
Aberdeen ...	29.63	38	NE	4	0	29.28	- .51	37	34	+ 15	ENE	8	0	6	39	22	0.22		
Leith ...	29.57	38	ENE	5	0	29.19	- .58	38	37	+ 9	ENE	6	0	4	39	28	0.20		
Shields ...	29.54	38	ESE	8	0	29.10	- .66	44	43	+ 14	NE	0	om	5	44	?	0.71		
York ...	29.40	35	ESE	8	0	29.13	- .59	37	37	- 1	NE	1	f	3	41	33	0.24		
Scarborough ...	29.49	37	E	8	P	29.11	- .63	41	41	0	NE	1	f	3	44	34	1.16		
Nottingham ...	29.31	42	NE	1	P	29.14	- .51	47	47	+ 9	S	1	0	*	48	37	1.04		
Ardrossan ...	29.46	34	ENE	7	S	29.17	- .55	35	34	+ 5	NE	5	S	3	37	26	0.22		
Greencastle ...																			
Donaghadee ...																			
Kingstown ...	29.09	47	SSE	3	P	28.97	- .44	47	46	+ 4	SSE	3	0	5	49	40	1.76		
Holyhead ...	29.17	39	E	7	P	29.02	- .38	46	46	+ 7	S	1	6	1	47	37	0.41		
Liverpool (Bidston) ...	29.24	?	ENE	6	P	29.05	- .50	41	40	+ 2	ESE	3	f	3	42	37	1.12		
Valencia ...	28.83	52	SSE	4	P	28.78	- .17	57	48	+ 1	SSW	4	0	4	54	47	0.56		
Roche's Point ...	28.96	49	S	6	0	28.86	- .20	49	48	0	SSW	5	0	5	52	49	0.41		
Pembroke ...	29.12	51	S	3	0	28.99	- .26	50	48	+ 6	S	5	0	4	57	43	0.41		
Portishead ...	29.23	52	ESE	3	0	29.11	- .31	50	48	+ 8	SSW	4	0	3	53	47	0.56		
Seilly ...	29.11	54	SSW	8	0	29.04	- .13	52	50	- 2	SW	6	0	6	55	48	0.15		
Plymouth ...	29.21	53	S	4	0	29.10	- .22	50	49	- 3	SSW	4	0	5	55	49	0.42		
Hurst Castle ...	29.29	54	SSW	6	0	29.17	- .28	52	51	0	SSW	5	0	5	54	40	0.52		
Dover ...	29.42	50	S	4	0	29.24	- .26	50	49	+ 1	S	5	0	4	57	48	0.53		
London ...	29.37	52	SSE	1	0	29.20	- .36	50	50	+ 5	S	3	0	*	52	45	0.43		
Oxford ...	*	*	*	*	*	29.18	- .39	50	49	+ 8	S	2	0	*	50	42	0.73		
Cambridge ...	29.35	48	SSE	1	P	29.12	- .41	49	48	+ 9	S	1	0	*	50	39	0.63		
Yarmouth ...	29.42	45	SSE	5	P	29.22	- .45	48	48	+ 6	SSW	3	0	4	48	40	0.40		
The Helder ...	*	*	*	*	*	29.31	- .48	47	46	+ 9	SSE	1	0	*	48	40	0.28		
Cape Gris Nez ...	29.44	50	S	4	0	29.27	- .44	50	48	+ 2	S	4	0	3	54	46	0.32		
Brest ...																			
L'Orient ...																			
Rochefort ...	29.47	54	SSE	P	0	29.34	- .29	52	50	0	S	5	0	1	55	?	0.08		
Biarritz ...																			
Corunna ...	*	*	*	*	*									*	*	*			
Brussels ...	*	*	*	*	*	29.38	- .44	50	*	+ 5	SSW	3	0	*	*	*	0.04		
Charleville ...	*	*	*	*	*	29.47	- .25	50	*	+ 4	SSE	3	0	*	*	*	*		
Paris ...	29.55	07	S	4	6c	29.41	- .31	49	*	+ 1	S	3	0	*	*	*	0.12		
Lyons ...	*	*	*	*	*	?	?	59	*	+ 4	SE	7	0	*	*	*	*		
Toulon ...	30.08	52	SSE	4	0	29.86	- .25	52	50	+ 2	E	7	0	7	54	50	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.74	32	32	SE	4	S	7	Valencia	28.84	52	50	S	6	off	5
Thurso	29.76	37	33	NE	4	C	4	Seilly	29.12	54	52	S	9	a	7
Scarborough ...	29.60	36	36	E	7	03	5	London	29.41	52	50	S	3	om	*
Greencastle ...	29.39	37	35	E	5	0	*	Rochefort ...	29.49	54	53	SSE	6	b	7
Holyhead	29.20	38	37	E	11	T	7								

The barometer continues to fall faster in the N. than elsewhere. The wind has risen to a violent gale at Holyhead, and a slight gale at Scarborough; while a strong S^W gale still holds at Seilly. Warnings extended to all our N.W. coasts.

EXPLANATION OF COLUMNS.

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

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

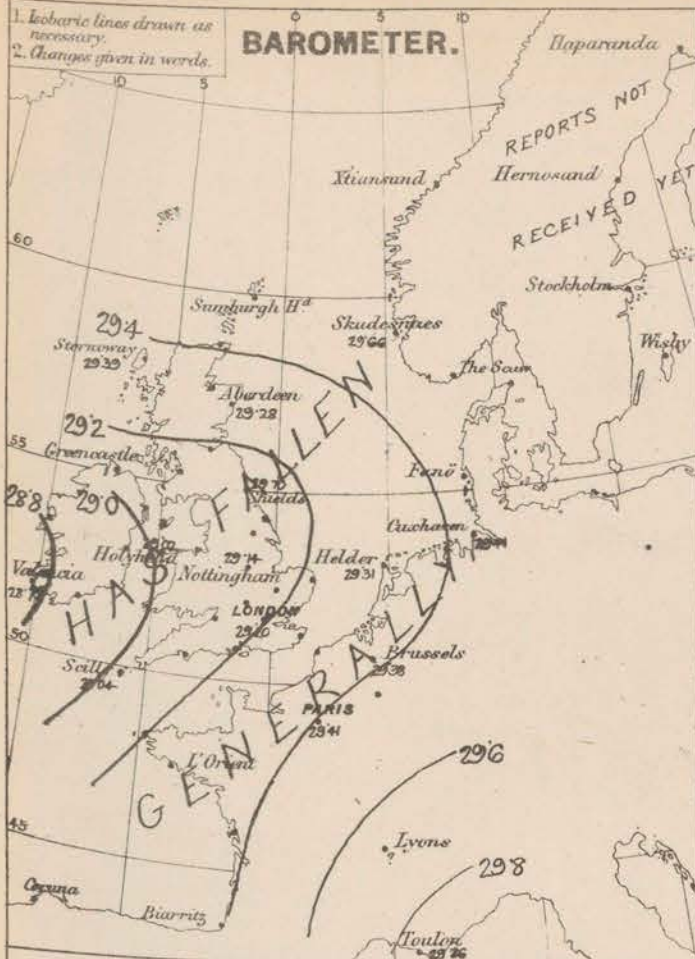
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Thursday, 4TH JAN^Y 1877.

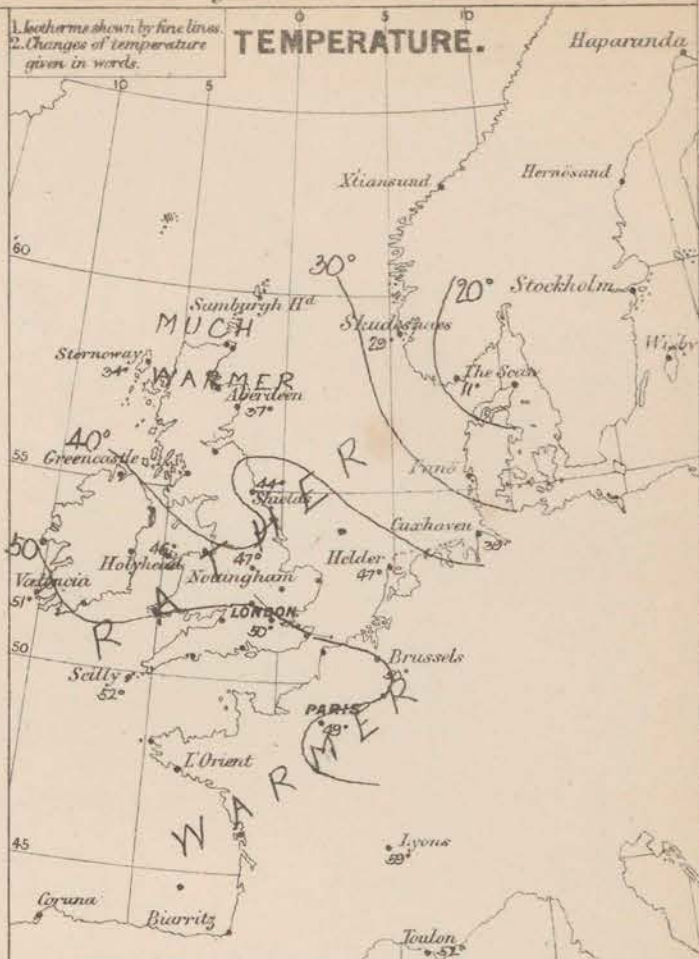
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



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

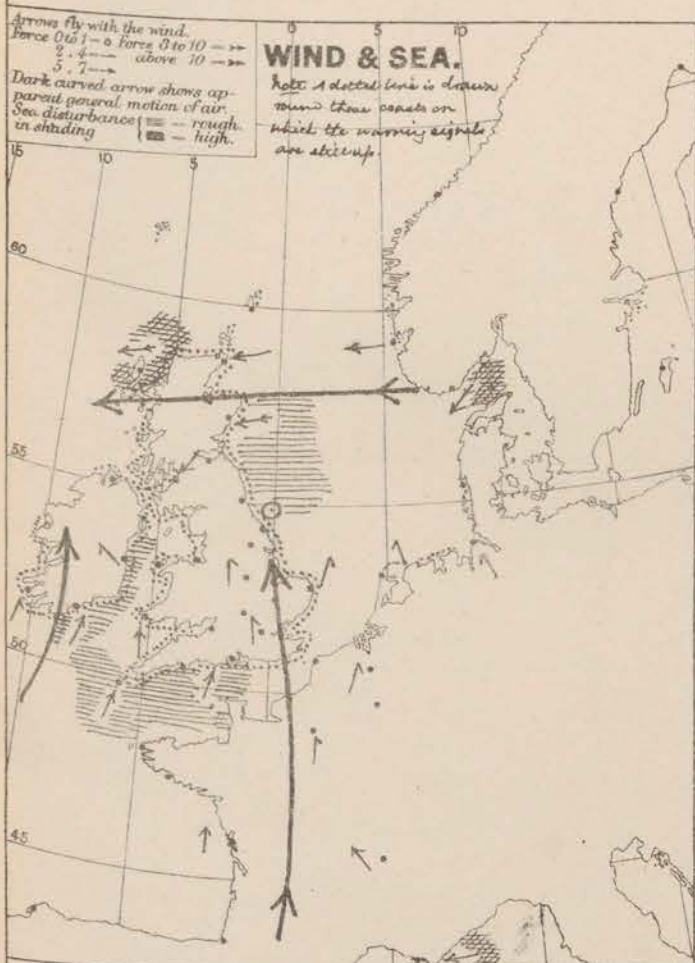
TEMPERATURE.



1. Arrows fly with the wind. Force 0 to 10 — 0 force 3 to 10 — 2, 4, 6, 8, 10 — above 10 — 5, 7, 9, 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.
2. Dark curved arrow shows apparent general motion of air. See disturbance in shading — rough — high.

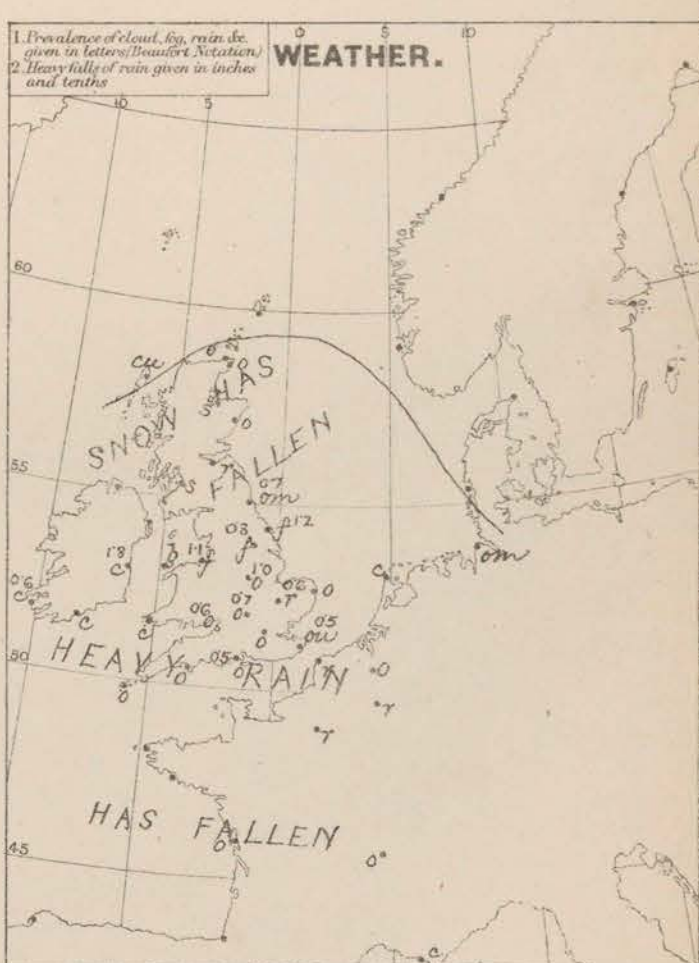
WIND & SEA.

Note: A dotted line is drawn round those coasts on which the warning signals are striking.



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

WEATHER.



REMARKS. During the past twenty four hours the brisk fall of the barometer noticed in the south west yesterday morning has continued and extended quickly to all parts of these Islands and to the eastern shores of the North Sea. The lowest readings are still found to the W. of Ireland but over the whole country pressure is now exceedingly low and a small secondary disturbance is shown over North Eastern England. During yesterday or last night the wind blew a fresh or hard gale from S. at our south western stations, a whole gale from E. over the Irish Sea, and a moderate gale from E. on our north east coasts. It is now S.W. and generally moderate or fresh in force over England and Ireland but in Scotland E. winds still hold and at Aberdeen and Norway blow with the force of a fresh gale. In France the mercury is falling briskly and a slight E. gale is reported from London with a strong S. wind at Rochefort. Temperature has risen generally, the change over Scotland amounting to about 15°. The sky is overcast in almost all places, with snow over Scotland. Heavy snow fell at most of our northern stations and very heavy falls of rain are reported from the west. The sea is rough in some places and high off the Hebrides but is generally moderate. All our coasts were warned 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,
Director.

Dangerfield, Lab. 22 Bedford St., Covent Garden.

DAILY WEATHER REPORT JAN^y 5th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 350 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 2.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 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 ...	30.03	- 8	S	2	b	29.91		- 17	- 18		SE	4	b	*	*	*	-	
Hernösand ...	30.06	- 15	N	2	v	29.64		0	0		N	6	s	*	*	*	-	
Stockholm ...	29.72	14	E	8	s	29.24		25	25		ENE	6	s	*	*	*	0.20	
Wisby ...	29.61	24	NE	8	s	29.22		37	36		SW	6	c	*	*	*	0.57	
Christiansund ...	29.58	22	SE	2	b	29.27	- .55	24	22	+ 7	SE	5	c	3	25	14	-	
Skudesnaes ...	29.23	25	ENE	8	s	29.13	- .52	28	26	- 1	ESTE	6	s	4	28	?	-	
Oxö (Xtiansand) ...	29.28	19	NE	9	v	29.24	- .46	19	17	+ 8	NE	7	o	5	19	16	-	
Skagen (The Seaw)	29.23	31	E	7	s	29.22	- .56	27	26	+ 3	NE	5	o	5	34	25	0.32	
Fanö ...	29.18	38	SSW	4	T	29.18	- .25	38	38	+ 5	SSW	4	f	*	?	32	0.24	
Cuxhaven ...	29.28	*	*	*	*	29.24	- .17	47	47	+ 8	SW	2	o	*	*	2	0.12	
Sumburgh Head																		
Stornoway	29.19	36	E	6	c	29.05	- .34	37	37	+ 3	E	7	c	6	37	34	0.04	
Thurso ...	29.24	34	ENE	3	s	29.08	- .35	37	38	+ 1	ENE	4	o	4	35	34	0.12	
Wick ...	29.22	35	E	5	s	29.08	- .32	36	35	0	ENE	3	o	5	36	32	0.10	
Nairn ...	29.16	31	ENE	2	o	29.05	- .32	32	32	- 1	NE	2	s	4	34	?	0.50	
Aberdeen ...	29.11	34	NE	8	T	29.00	- .28	35	34	- 2	N	3	o	5	37	?	0.13	
Leith ...	29.07	38	ENE	5	f	28.98	- .21	38	38	0	ENE	4	P	*	40	36	0.40	
Shields ...	29.05	39	N	0	o	28.97	- .13	40	39	- 4	N	0	fp	*	44	38	0.17	
York ...	29.06	40	SW	1	f	29.04	- .04	42	41	+ 5	SW	2	bc	*	43	35	0.09	
Scarborough ...	29.06	43	WSW	1	o	29.02	- .08	46	43	+ 3	WSW	3	m	3	46	40	0.02	
Nottingham ...	29.07	48	S	4	c	29.03	- .04	43	42	- 4	SSW	3	f	*	52	43	0.02	
Ardrossan ...	29.03	36	ENE	5	P	28.95	- .22	35	34	0	NE	3	dm	2	37	34	0.61	
Greencastle ...																		
Donaghadee ...																		
Kingstown ...	28.89	47	N	1	o	28.97	- .08	45	44	0	SSE	3	c	3	48	42	0.06	
Holyhead ...	29.02	48	SW	3	c	29.01	- .01	47	44	+ 1	SW	3	f	3	49	45	0.11	
Liverpool (Bidston) ...	28.98	47	SE	2	o	29.03	- .02	45	43	+ 4	SW	3	bc	2	47	41	0.24	
Valencia ...	28.85	49	WSW	4	o	28.99	+ .21	46	43	- 5	N	4	ty	4	32	44	0.34	
Roche's Point ...	28.95	48	SW	4	c	29.02	+ .16	45	43	- 4	SW	3	bc	4	32	45	0.18	
Pembroke ...	28.96	50	SW	6	bc	29.07	+ .09	49	47	- 1	SW	4	c	4	37	48	0.49	
Portishead ...	29.07	48	SSW	4	c	29.14	+ .05	45	44	- 5	S	4	c	3	34	42	0.03	
Seilly ...	29.07	51	WSW	6	c	29.13	+ .09	50	48	- 2	SW	6	o	6	34	48	0.08	
Plymouth ...	29.11	50	SW	4	b	29.17	+ .07	48	47	- 2	SSW	5	o	*	34	46	0.12	
Hurst Castle ...	29.14	52	SW	6	c	29.22	+ .05	47	45	- 1	SW	5	bc	4	32	41	0.07	
Dover ...	29.22	49	SW	3	b	29.27	+ .03	49	48	- 1	SW	4	bc	4	32	47	0.08	
London ...	29.17	50	SW	1	c	29.23	+ .03	45	44	- 5	SW	2	bc	*	32	45	0.04	
Oxford ...	*	*	*	*	*	29.20	+ .07	44	43	- 6	SW	1	c	*	37	44	0.07	
Cambridge ...	29.15	48	S	2	bc	29.18	00	43	42	- 6	SW	1	f	*	37	42	0.02	
Yarmouth ...	29.16	47	SSW	2	bc	29.18	+ .04	43	43	- 5	SW	3	bc	3	37	42	0.04	
The Helder ...	*	*	*	*	*	29.20	- .11	45	45	- 2	SSW	2	c	*	*	*	0.20	
Cape Gris Nez	29.25	48	S	3	bc	29.30	+ .03	53	48	0	SW	5	c	4	37	46	0.16	
Brest ...	?	34	N	4	bc	?	?	48	46	- 4	SSW	4	P	5	35	46	0.16	
L'Orient ...																		
Rochefort ...	29.38	54	N	3	c	29.44	+ .12	54	50	+ 2	SSE	3	c	3	57	45	0.47	
Biarritz ...	29.52	57	SSW	3	b	29.57	+ .13	55	46	- 4	S	4	P	3	61	46	0.20	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.36	- .02	44	*	- 4	SW	3	o	*	*	*	0.05	
Charleville ...	*	*	*	*	*	29.41	- .06	44	*	- 4	SSW	3	o	*	*	*	*	
Paris ...	29.33	49	SW	3	o	29.47	+ .06	44	*	- 3	S	3	c	*	*	*	0.20	
Lyons ...	*	*	*	*	*										*	*	*	
Toulon ...															*	*	*	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.32	24	26	E N E	8	o	5	Valencia	28.82	31	49	W S W	4	o	4
Thurso	29.29	35	36	E N E	4	cl	4	Scilly	29.05	53	50	S W	7	fp	6
Scarborough ...	29.07	462	461	S W	1	o	2	London	29.16	53	48	S	2	c	*
Greencastle ...							*	Rochefort ...	29.38	52	52	S S W	3	o	5
Holyhead	28.95	48	47	S	3	f	3								

The barometer is changing very little except in the N. where it still falls quickly. Pressure had recovered somewhat in the SW. during the morning but is now becoming uneasy again. The wind continues S.W. here, and NE in Scotland.

EXPLANATION OF COLUMNS.

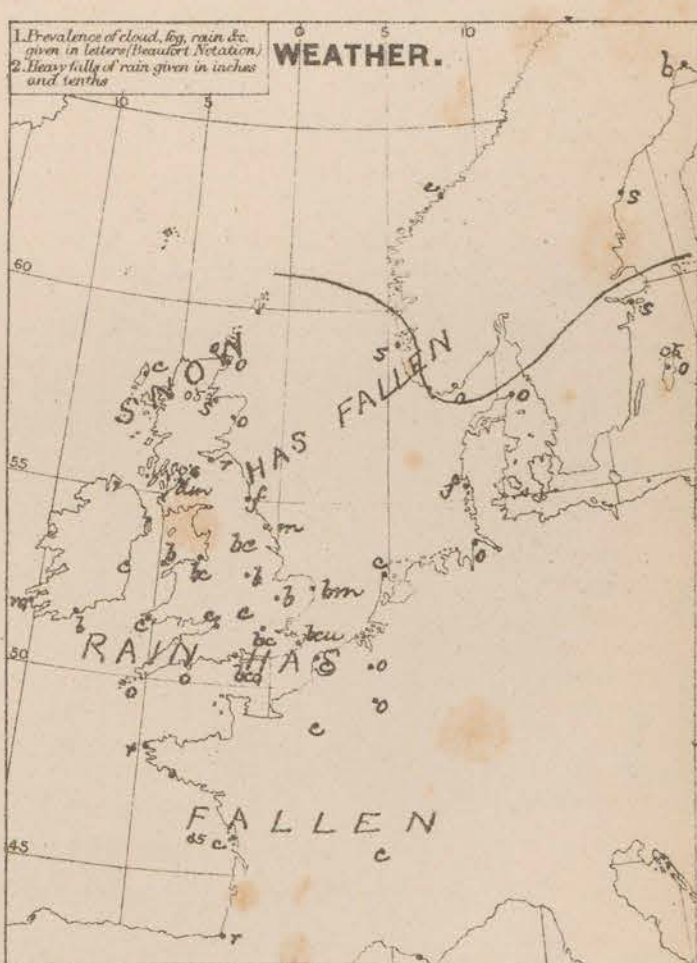
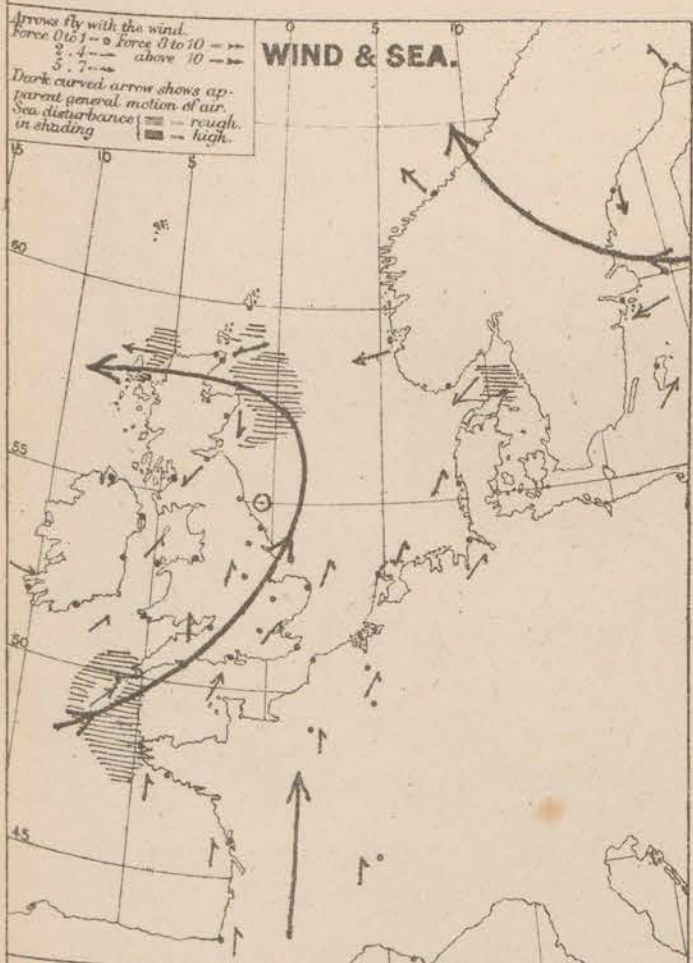
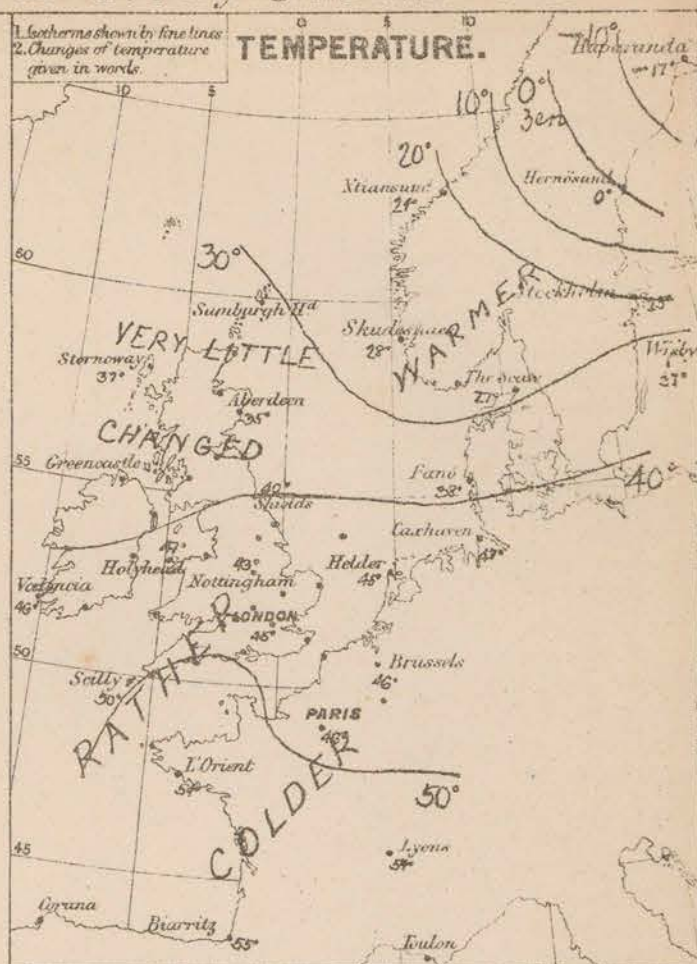
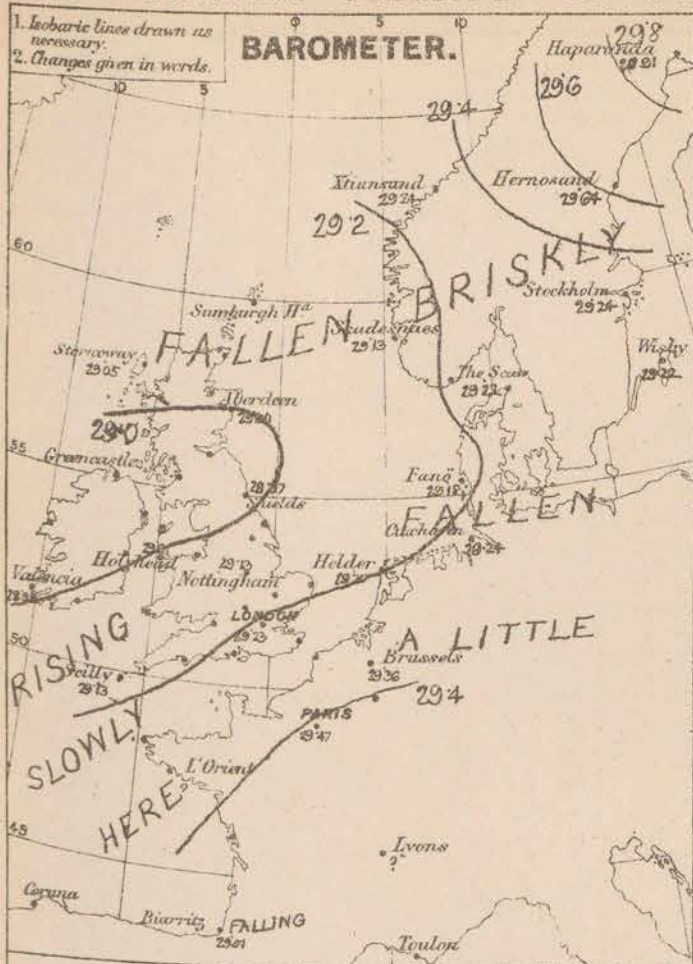
WEATHER.--Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 5th JANY 1877.*



REMARKS. The barometer is now rising, though slowly, over Ireland, England and the north of France, while it is falling briskly over Scotland and quickly on the eastern shores of the North Sea. In the south of France also a decrease has set in since last evening. The region of lowest pressure stretches across Ireland, the Irish Sea and the south of Scotland, to the S^W of which moderate S^W breezes prevail, and to the N^W NE⁴ to E⁴ winds. Temperature has fallen in most places but has risen in Norway and Denmark. The weather has cleared considerably at most of our southern stations but rain is falling at Valentia and Biscaya and snow at Hainan. During yesterday slight showers occurred generally - of snow in the north, and of rain in the south. The sea is rather rough in the north and at the mouth of the Channel but is moderate to slight elsewhere. Clouds lowered in the north this morning.

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

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT JAN 6TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 2.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.80	-13	S	2	b	29.79	-.12	-5	-5	+12	E	2	o	*	*	*	-	
Hernösand ...	29.53	5	NNE	6	c	29.58	-.06	2	2	+2	NNE	2	o	*	*	*	-	
Stockholm ...	29.36	13	N	2	o	29.26	0	18	17	-7	ENE	4	s	*	*	*	-	
Wisby ...	29.41	32	SE	4	P	29.54	+.32	38	38	+1	SH	4	o	*	*	*	0.16	
Christiansund ...	29.21	21	ESE	2	b	29.28	+.07	24	24	0	ESE	2	o	2	25	24	-	
Skudesnaes ...	29.14	30	ENE	4	s	29.14	0	36	35	+8	E	2	r	3	?	28	-	
Oxö (Xtiansand) ...	29.27	18	NE	6	s	29.32	+.05	19	19	0	NE	6	s	5	19	16	-	
Skagen (The Scaw) ...	29.28	28	E	2	s	29.35	+.07	34	32	+7	SSE	2	r	1	34	21	0.08	
Fanö ...	29.35	40	SH	4	f	29.22	-.13	39	38	+1	S	6	r	*	?	37	0.04	
Cuxhaven ...	29.36	*	*	*	*	29.36	0	44	44	-3	SSH	4	o	*	*	*	0.03	
Sumburgh Head ...																		
Stornoway ...	28.99	35	ENE	7	s	28.95	-.04	42	41	+5	ESR	5	o	6	42	34	0.25	
Thurso ...	29.03	35	ENE	4	s	29.07	+.04	46	45	-1	ENE	4	o	3	37	34	0.15	
Wick ...	29.08	35	E	5	r	29.07	-.01	38	37	+2	E	3	o	4	38	33	0.09	
Nairn ...	29.14	33	NE	1	o	29.04	-.10	31	30	-1	N	0	o	3	34	31	0.07	
Aberdeen ...	29.03	36	N	0	P	29.04	+.01	34	33	-1	SSH	1	om	2	36	34	-	
Leith ...	29.02	38	ENE	3	o	29.06	+.04	37	37	-1	N	0	tf	*	40	33	0.23	
Shields ...	29.06	40	SH	2	b	29.11	+.05	39	38	-1	N	1	for	2	47	38	0.27	
York ...	29.10	43	S	1	o	29.19	+.09	39	38	-3	SH	2	c	*	47	37	0.18	
Scarborough ...	29.12	44	SSH	2	o	29.05	-.07	39	38	-5	SSH	3	b	3	46	39	0.08	
Nottingham ...	29.10	45	S	3	o	29.25	+.15	40	39	-3	S	3	o	*	50	39	0.06	
Ardrossan ...	29.01	36	NE	2	o	29.05	+.04	43	41	+8	SSH	3	a	3	43	35	0.21	
Greencastle ...																		
Donaghadee ...	28.99	42	SSH	3	b	29.04	+.05	35	34	-9	SSH	3	b	2	45	34	-	
Kingstown ...	29.01	45	N	1	b	29.07	+.06	43	41	-4	SE	3	c	2	47	40	-	
Holyhead ...	29.03	46	SH	2	a	29.10	+.07	44	43	-3	SSH	2	m	2	49	42	0.76	
Liverpool (Bidston) ...	29.06	43	S	1	P	29.16	+.10	40	38	-5	S	2	o	1	48	39	0.40	
Valencia ...	29.05	44	N	6	a	28.77	-.27	48	48	+2	SE	5	tu	5	51	41	0.10	
Roche's Point ...	29.09	48	SH	4	c	28.92	-.17	48	48	+3	SE	6	tf	5	49	40	0.22	
Pembroke ...	29.08	47	SH	2	a	29.08	0	47	46	-2	SSE	4	om	4	49	44	0.53	
Portishead ...	29.10	44	SH	5	b	29.22	+.12	44	43	-1	S	3	o	3	49	39	0.09	
Scilly ...	29.19	45	SH	6	o	29.05	-.14	53	52	+3	SSH	6	o	6	53	43	0.52	
Plymouth ...	29.19	46	SSH	2	o	29.18	-.01	49	49	+1	SSH	4	o	*	57	43	0.29	
Hurst Castle ...	29.18	50	SSH	6	c	29.29	+.11	49	43	+6	SSH	5	o	5	52	43	0.25	
Dover ...	29.28	50	SH	5	b	29.39	+.11	47	46	-2	SH	4	o	4	57	43	0.12	
London ...	29.19	52	S	4	o	29.33	+.14	44	42	-2	S	1	r	*	54	40	0.05	
Oxford ...	*	*	*	*	*	29.29	+.09	41	40	-1	S	1	o	*	51	40	0.12	
Cambridge ...	29.18	48	S	2	r	29.33	+.15	39	38	-1	SSH	1	o	*	52	38	0.03	
Yarmouth ...	29.23	47	S	4	P	29.31	+.08	40	39	-1	SH	3	bm	2	48	39	0.01	
The Helder ...	*	*	*	*	*	29.28	+.09	45	44	-1	SSH	2	o	*	*	*	0.16	
Cape Gris Nez ...	29.29	48	S	5	P	29.43	+.14	46	46	-2	SSH	6	o	5	50	43	0.16	
Brest ...	?	52	SSH	5	P	?	?	52	50	+2	SH	5	r	7	52	?	0.24	
L'Orient ...	29.44	50	NH	6	P	29.39	-.05	50	50	0	SH	7	P	8	54	43	0.67	
Rochefort ...	29.50	52	NH	5	C	29.60	+.10	52	46	-6	S	5	o	5	57	46	1.18	
Biarritz ...	29.75	57	SSH	6	P	29.73	-.02	52	45	-7	S	3	b	5	57	46	0.16	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*										*	*	*	
Charleville ...	*	*	*	*	*	29.56	+.08	44	*	-2	SSH	3	o	*	*	*	*	
Paris ...	29.47	49	S	3	P	29.62	+.15	45	*	-1	S	3	o	*	*	*	0.08	
Lyons ...	*	*	*	*	*	?	?	51	*	-3	E	2	b	*	*	*	*	
Toulon ...	29.75	50	N	2	b	30.28	+.53	46	43	-3	N	1	o	3	53	?	0.32	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.13	28	28	ENE	6	s	Valencia	29.02	43	44	N	4	r	4
Thurso	29.07	27	36	ENE	4	om	Scilly	29.15	54	48	N S W	6	o	5
Scarborough ...	29.10	44	44	WSW	2	c	London	29.23	52	49	S	3	o	*
Greencastle ...	28.87	46	44	SE	2	o	Rochefort ...	29.44	48	48	S	4	r	3
Holyhead	29.03	47	46	SW	2	b								

The mercury still rises very slowly in S. and the fall has now ceased in Scotland also. The winds are unchanged. The weather is still unsettled.

EXPLANATION OF COLUMNS.

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

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

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

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

SUMMARY OF WEATHER IN WESTERN EUROPE

from JAN^y 1st to JAN^y 6th 1877.

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

The very unsettled stormy weather which characterized last week, has not at all improved during the period under consideration. Numerous disturbances have advanced upon us from the Atlantic, and with the exception of that of the 2nd gales from S, S.E. or E. have prevailed on our coast, that of the 3rd having been reported to have done more damage on the Irish coast, than any storm since that of Jan^y 6th 1839. During the week the Wick breakwater was again injured. Temperature has oscillated considerably, a slight frost having prevailed over Central England on the 2nd, while at other times the thermometer has been as high as 50°. The weather has been exceedingly wet and unsettled, the rainfall in many parts of the country being most exceptionally heavy, and causing serious floods.

JAN^y 1st During the night a deep depression had advanced over these Islands, and at 8 am. was over S. Wales. At its centre the barometer was as low ^{as} 28.7 inches, whence readings increased to 29.13 inches in the N. of Scotland, and to 29.98 in. in the S. of France. Gradients were steep, especially in the S. and fresh to hard N.W. to S.W. gales, were experienced in the S. of England, and some part of France, while over Scotland fresh N.E. gales were blowing. In all other places the wind was light, and a second but shallow disturbance was reported over the North Sea. Temperature was little changed except in Scotland where it had decreased several degrees. Heavy rain had fallen and continued in many places, while elsewhere the sky was overcast. Later reports showed a brisk rise of the barometer over the whole of these Islands, as the depressions moved N.E., and fresh N. gales were reported from most of the more N. stations.

JAN^y 2nd Both depressions had disappeared passing E. from these Islands, and the barometer had risen over the whole of W. Europe. The increase had been ^{very} rapid over these Islands, so that, though pressure was still highest in the S. of France, an area of high readings had been formed over Great Britain, and the winds had fallen light everywhere. Over Central England they varied a good deal in direction, but over the North Sea they were N.W., over France N.W. and at our S.W. stations E. Temperature had fallen generally, the change amounting to over 15° at our Central stations. In Scotland and N. England a slight frost prevailed. Rain or snow had fallen generally but at 8 am., the sky had cleared considerably especially in the N. Later in the day the barometer began to fall quickly in the S.W., the wind increased to a gale from S.E., and rain recommenced in the S. of England in the evening.

JAN^y 3rd The barometer continued to fall very quickly in the S.W. and the decrease had extended during the night to all the Irish, and most of the English stations, but in Scotland the barometer had risen quietly and over Scandinavia rapidly. In the E. and N. readings were uniform, and the winds light except at Larmouth, but in the W. gradients were very steep. At Lally a hard S.W. gale prevailed, and over France fresh winds from the same quarter, while over the Irish Sea, and the N. of England a very hard E. gale was reported. Temperature had fallen considerably over Sweden where the cold was very great, and a few degrees over Scotland where the frost had become sharp, but in the S. with heavy rain in the S. and snow at St. Petersburg. Later reports showed ^{little change} that the fall in the S.W. had become lighter than elsewhere it had risen fast. The sky was clear in Denmark and Scotland, but overcast elsewhere so that gradients had decreased, but the E. gale had blown with extreme violence in Ireland, and the S.W. gale at the entrance to the Channel still held.

JAN^y 4th Since the previous morning the fall of the barometer had become very brisk on our E. coast, while in the

the mercury was very little changed. In consequence the gradient had become much slighter, and though in the N. the E^{ly} gale still held at a few places, the S^{ly} wind in the S. was only fresh or moderate in force. Temperature had risen generally and in Scotland quickly. Snow had fallen in the N. and heavy rain at all the S^m stations. The sky was overcast. Later in the day the barometer began to rise slowly in the S.W. the wind veered towards N. in the S. and the weather improved slightly.

JAN 15TH The barometer was rising though slowly at all the more S^m stations, while it was falling briskly in Scotland, and quickly on the E^m shores of the North Sea. A long narrow depression stretched across Ireland, the Irish Sea, and the North of England to the N.E^m coast of Scotland, on both sides of which the winds were moderate to fresh in force; from S.W. to the S^W² and from N.E. to the N^W² of that region. Temperature had fallen except in Denmark. The weather had cleared considerably at many of our S^m stations but at Valencia rain was falling, and snow at Skudonæs and Naïro. During the day the increase of pressure continued in the N. and extended to most of our other stations but in the S.E. a slight decrease took place, and heavy rain set in in London.

JAN 16TH During the night the barometer had risen quickly in the S. of France, and to a less extent at all the other Continental stations, and over the greater part of these Islands. On our S^W^m Coast, however, a brisk fall had again set in, and a deep depression was advancing towards those coasts, while to the N^W^m of Scotland as well as over the North Sea, slight disturbances were shown. The wind continued E^{ly} in the N. but was S^{ly} in most other places, and S.E^{ly} in the S. of Ireland. In the S.W. it blew strongly but elsewhere it was still light. The weather was somewhat colder except in the S.W. where temperature had risen and rain set in. The sky continued overcast. At Scilly the wind increased at about 11 am, and the gale extended up the Channel and to all the S^W^m stations later in the day.

DAILY WEATHER REPORT *JAN 7TH* 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Temperature from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...														*	*	*		
Hernösand ...														*	*	*		
Stockholm ...														*	*	*		
Wisby ...														*	*	*		
Christiansund ...	29.82	19	ESE	4	b	29.13	-.15	32	28	+ 3	ESE	5		2	?	40	-	
Skudesnaes ...	29.15	37	SE	6	r	29.05	-.09	39	37	+ 3	ESE	6	r	5	?	36	-	
Oxö (Xtiansand) ...	29.33	24	NE	6	o	29.28	-.04	27	27	+ 8	NE	6	b	4	?	21	-	
Skagen (The Scaw) ...	29.37	35	WSW	2	o	29.39	+.04	36	36	+ 2	SW	5	o	4	37	32	0.63	
Fanö ...	29.36	40	S	6	c	29.40	+.08	41	40	+ 2	SSW	6	c	*	41	37	0.20	
Cuxhaven ...	29.46	*	*	*	*	29.50	+.14	46	45	+ 2	SSW	4	bc	*	x	x	0.12	
Sumburgh Head ...																		
Stornoway ...	28.88	38	ESE	2	b	28.59	-.36	42	42	0	ESE	3	r	5	43	37	0.28	
Thurso ...	29.02	37	ESE	2	o	28.66	-.41	41	40	+ 5	SSE	2	bc	2	42	35	0.24	
Wick ...	28.99	39	E	3	o	28.68	-.39	43	42	+ 5	S	5	o	5	43	37	0.17	
Nairn ...	28.94	34	SE	1	o	28.68	-.34	41	40	+ 10	SE	0	o	2	41	31	0.11	
Aberdeen ...	28.98	35	N	0	f	28.74	-.30	43	42	+ 9	N	0	b	3	45	34	0.35	
Leith ...	28.90	37	SE	3	r	28.78	-.18	45	44	+ 8	SW	2	b	*	49	36	0.10	
Shields ...	28.95	42	SE	4	r	28.93	-.18	44	42	+ 5	SSW	1	bc	3	49	39	0.14	
York ...	28.96	46	SW	3	r	28.99	-.20	45	44	+ 6	S	3	o	*	50	38	0.44	
Scarborough ...	28.98	46	S	4	r	29.00	-.45	45	43	+ 6	S	4	o	3	48	39	0.15	
Nottingham ...	28.96	49	S	8	r	29.01	-.44	47	46	+ 7	S	5	r	*	50	40	0.16	
Ardrossan ...	28.79	38	NE	4	r	28.71	-.34	48	45	+ 5	S	5	bc	6	49	38	0.22	
Greencastle ...	28.63	44	SSE	4	o	28.57		44	41		S	3	b		46	34	0.17	
Donaghadee ...	28.61	45	SSE	6	r	28.70	-.34	44	43	+ 9	S	5	b	3	46	35	0.33	
Kingstown ...	28.56	49	S	5	bc	28.71	-.36	47	43	+ 4	S	4	c	4	49	41	0.66	
Holyhead ...	28.65	48	SSW	6	o	28.81	-.29	45	45	+ 1	SSE	4	c	4	50	43	0.42	
Liverpool (Bidston) ...	28.77	48	SE	4	r	28.90	-.26	45	43	+ 5	SSE	3	r	3	50	40	0.17	
Valencia ...	28.36	49	SSW	5	c	28.51	-.26	48	45	0	SW	10	c	7	53	46	0.65	
Roche's Point ...	28.52	49	SSE	8	r	28.71	-.21	49	48	+ 1	SSW	8	c	5	51	46	0.75	
Pembroke ...	28.71	50	SW	6	bc	28.86	-.22	49	46	+ 2	SW	7	bc	6	51	46	0.82	
Portishead ...	28.90	52	S	8	g	29.09	-.13	46	45	+ 2	SW	4	c	4	53	41	0.53	
Scilly ...	28.74	52	SSW	10	o	28.97	-.08	50	47	- 3	SW	6	c	6	53	47	0.44	
Plymouth ...	28.89	51	S	8	b	29.03	-.15	47	47	- 2	SW	6	o		53	47	0.49	
Hurst Castle ...	29.04	52	SW	10	o	29.07	-.22	51	51	+ 2	SW	8	r	7	53	46	0.33	
Dover ...	29.26	50	SSW	5	o	29.26	-.13	50	48	+ 3	SSW	6	bc	5	57	47	0.16	
London ...	29.26	49	S	9	bc	29.13	-.20	49	48	+ 5	S	8	rg	*	52	44	0.48	
Oxford ...	*	*	*	*	*	29.04	-.25	48	47	+ 7	S	6	r	*	52	41	0.37	
Cambridge ...	29.08	48	S	3	r	29.11	-.22	48	47	+ 9	S	4	o	*	57	38	0.09	
Yarmouth ...	29.21	48	SSW	6	r	29.20	-.11	48	47	+ 8	S	6	o	4	49	40	0.04	
The Helder ...	*	*	*	*	*	29.37	+.09	48	46	+ 3	S	4	bc	*			-	
Cape Gris Nez ...	29.30	48	S	7	r	29.31	-.12	50	48	+ 2	S	7	o	5	52	43	0.12	
Brest ...	?	52	SW	6	o	?	?	52	50	0	SW	4	o	7	55	43	0.44	
L'Orient ...	29.15	54	SW	7	o	29.29	-.10	52	48	+ 2	SW	7	b	8	55	45	0.39	
Rochefort ...	29.46	54	S	6	o	29.50	-.10	48	48	- 4	S	5	o	7	57	48	0.08	
Biarritz ...	29.57	55	S	6	r	29.55	-.18	57	52	+ 5	S	3	o	5	59	48	0.08	
Corunna ...	*	*	*	*	*			*	*					*	*	*	*	
Brussels ...	*	*	*	*	*	29.49		46	*		SSW	3	c	*	*	*	0.16	
Charleville ...	*	*	*	*	*	?	?	46	*	+ 2	WNE	3	o	*	*	*	*	
Paris ...	29.44	49	SW	4	bc	29.58	-.12	49	*	+ 4	S	4	c	*	*	*	0.04	
Lyons ...	*	*	*	*	*	?	?	56	*	- 5	SE	2	b	*	*	*	*	
Toulon ...	29.98	48	S	2	b	29.97	-.31	50	50	+ 4	S	4	r	4	54	46	0.08	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.11	37	36	SE	4	o	Valencia	29.49	52	50	SSW	6	r	5
Thurso	29.06	37	36	ESE	2	o	Scilly	28.80	51	50	SW	9	og	6
Scarborough ...	29.44	43	42	S	2	c	London	29.19	52	49	SSE	5	o	*
Greencastle ...						*	Rochefort ...	29.46	52	48	S	6	o	7
Holyhead	28.90	45	44	E	4	om								

The depression continues to advance over our SW Coast, and a hard gale is felt at the entrance of the Channel, and a S.E. gale at Pembroke. A continuance of wet weather, and increase of wind may be expected. —

EXPLANATION OF COLUMNS.

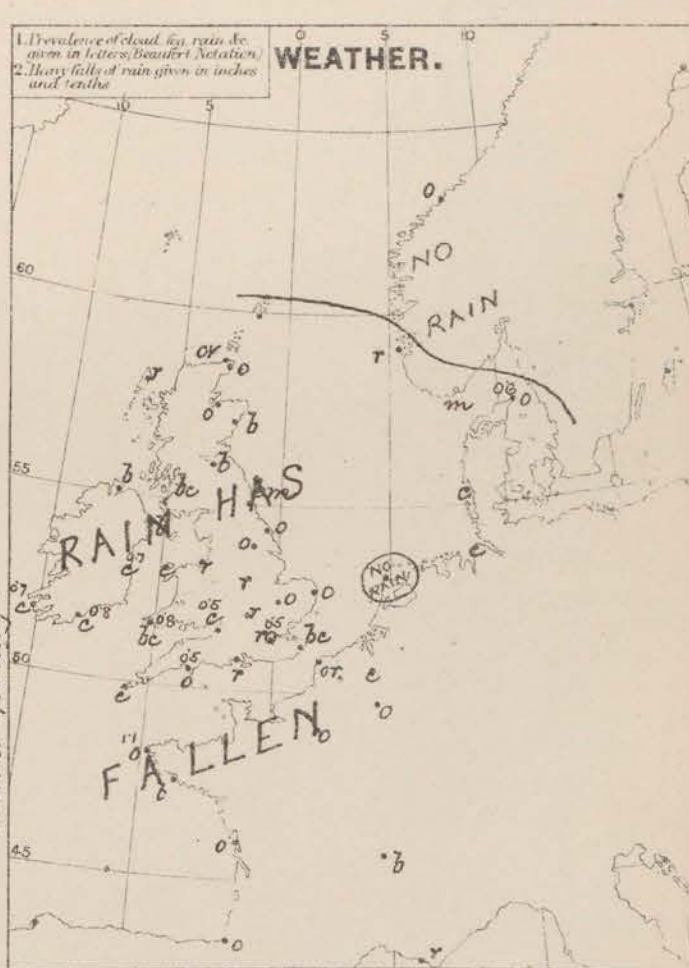
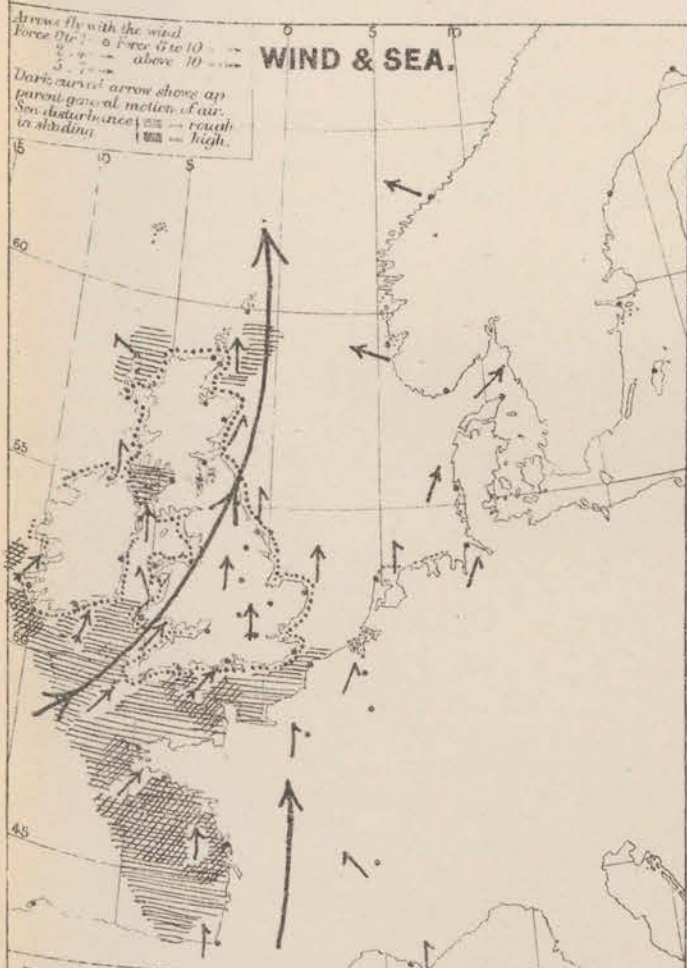
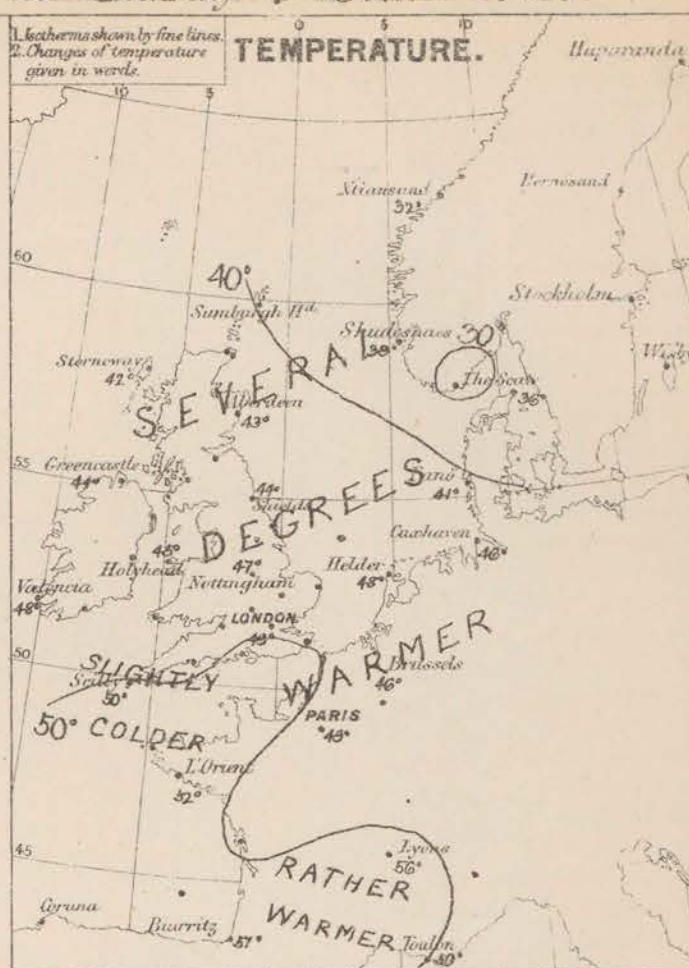
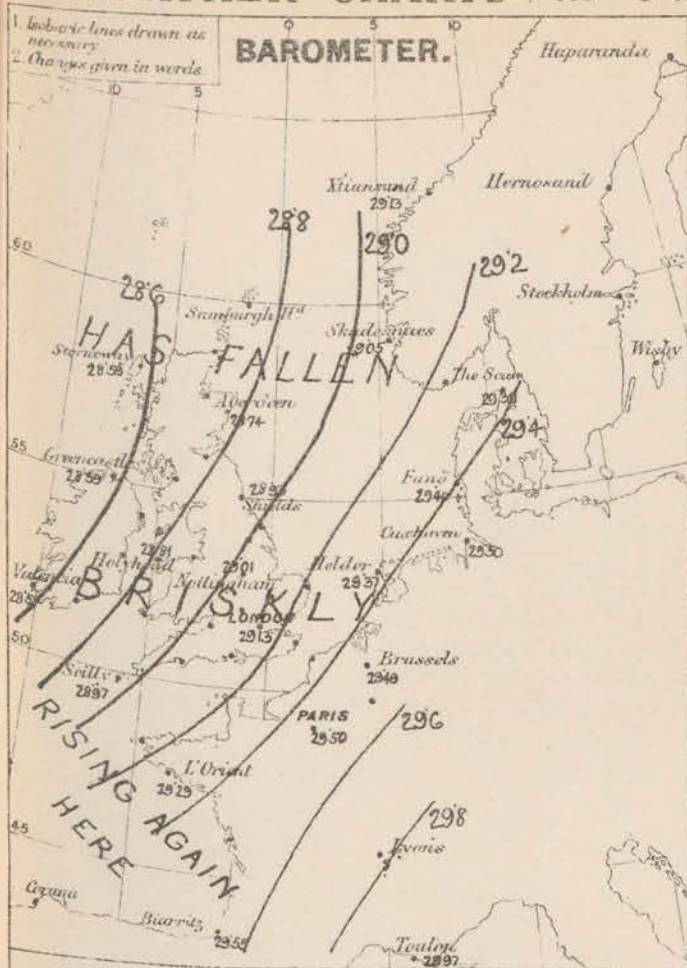
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 7th JAN^y 1877.



REMARKS. The barometrical disturbance which was advancing towards the south of Ireland yesterday morning proved to be a large and very deep one, the readings round its centre being considerably below 28.5 in. It has now moved N.W. and lies off the north-west of Ireland, so that the barometer is rising again on our south and south-west coasts and over France, whilst at the northern stations a brisk fall is still reported. A severe S.W. to W. gale was felt on our south and south-west coasts last evening or night, while on the east coast fresh S.W. or S.E. gales were experienced. These have now subsided in most places although the wind is still very strong and squally from S.W. in the districts just mentioned. In the north of our Islands, however, the wind is much more moderate in force and generally S. in direction. At the western French stations the wind is still S. in direction and exhibits no tendency to veer, so that the weather must still be regarded as being in an unsettled condition. Temperature has risen several degrees in most places and continues very high for the time of year. Rain has again fallen in all places, the amounts at many stations being very heavy, and the sky is still overcast or very cloudy generally. The sea is high in the Channel and Bay of Biscay, rough on the north-east coast of Scotland and on our western coasts.

All our coasts were warned yesterday.

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

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT

JAN 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. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.	Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.				Max.	Min.			
Haparanda	29.64	2	Z	0	0	29.63	4	4		SW	2	6	*	*	*	-	
Hernösand	29.92	11	NNE	2	0	29.55	31	30		S	2	7	*	*	*	0.12	
Stockholm	29.66	36	S	2	0	29.63	29	9		S	4	0	*	*	*	0.04	
Wisby	29.82	36	SW	4	6	29.76	36	35		S	6	6	*	*	*	-	
Christiansund	29.08	37	ESE	3	6	29.19	+06	40	86	+8	SSW	2	6	41	38	-	
Skudesnaes	29.16	41	SE	8	2	29.28	+23	41	40	+2	SE	6	0	41	39	0.24	
Oxö (Xiansand)	29.38	37	S	6	0	29.40	+12	36	36	+9	?	2	0	39	?	-	
Skagen (The Scaw)	29.40	39	SSW	4	0	29.44	+05	40	40	+4	SSW	4	2	41	36	0.20	
Fanö	29.47	43	S	6	0	29.62	+22	42	41	+1	SW	6	0	43	39	0.12	
Cuxhaven	29.54	*	*	*	*	29.69	+19	47	47	+1	SW	4	0	*	*	0.03	
Sumburgh Head																	
Stornoway																	
Thurso	28.71	42	N	3	6	28.91	+32	43	43	+1	N	4	2	45	43	0.27	
Wick	28.81	40	S	2	6	28.82	+16	41	39	0	SSE	2	0	43	38	0.10	
Nairn	28.81	43	S	4	0	28.86	+18	44	43	+1	S	3	2	44	41	0.12	
Aberdeen	28.78	40	SW	1	0	28.84	+16	44	40	+5	SW	2	0	46	39	0.01	
Leith	28.87	42	S	4	6	28.96	+22	47	44	+4	SSW	7	0	47	42	0.04	
Shields	28.86	45	SSE	2	0	29.07	+29	48	46	+3	WSW	5	0	51	44	0.05	
York	29.01	46	SSW	5	6	29.24	+31	46	43	+2	SW	3	6	48	44	-	
Scarborough	29.09	45	N	1	6	29.87	+38	44	43	-1	S	14	6	49	42	0.05	
Nottingham	29.09	45	S	3	6	29.33	+33	45	43	0	SSW	4	6	47	43	0.06	
Ardrossan	29.15	46	S	6	6	29.42	+41	46	45	-4	S	3	0	49	44	0.11	
Greencastle	28.71	48	SSW	8	2	29.10	+39	48	45	0	SSW	6	0	51	46	0.84	
Donaghadee	28.71	46	S	7	0	29.15	+45	44	43	0	SSW	4	6	46	43	0.19	
Kingstown	28.82	50	S	5	0	29.20	+49	47	45	0	SSE	2	6	50	45	-	
Holyhead	28.91	49	SSW	7	0	29.26	+45	49	48	+4	SSW	4	0	51	45	0.04	
Liverpool (Bidston)	29.02	47	S	4	0	29.32	+42	48	45	+3	SSW	3	6	50	44	-	
Valencia	28.84	50	N	8	6	29.11	+60	49	47	+1	SSW	5	0	51	43	0.71	
Roche's Point	28.95	48	SW	6	6	29.20	+49	49	48	0	SSW	5	0	51	47	0.19	
Pembroke	29.04	50	SW	6	6	29.31	+45	50	49	+1	SW	4	0	51	46	0.16	
Portishead	29.15	47	SW	5	0	29.41	+32	50	48	+4	SW	3	0	51	44	-	
Scilly																	
Plymouth	29.20	48	SW	5	6	29.40	+37	51	51	+4	SSW	4	0	52	46	0.19	
Hurst Castle	29.25	51	SW	6	0	29.47	+40	52	52	+1	S	5	2	52	47	0.42	
Dover	29.33	50	SSW	4	0	29.56	+30	50	49	0	S	3	0	51	46	0.48	
London	29.26	49	SW	4	6	29.50	+37	49	49	0	SSW	1	0	53	45	0.58	
Oxford	29.26	49	SW	4	6	29.45	+41	50	49	+2	S	2	0	50	45	0.51	
Cambridge	29.23	48	S	3	6	29.47	+36	49	48	+1	SW	2	0	53	43	0.04	
Yarmouth	29.23	48	SSW	5	0	29.51	+31	49	48	+1	SSW	4	0	51	45	0.05	
The Helder	*	*	*	*	*	29.62	+25	47	46	-1	SSW	3	0	*	*	0.16	
Cape Gris Nez	29.37	50	S	7	6	29.60	+29	48	48	-2	SSE	2	0	52	43	0.39	
Brest	?	52	WSW	4	6	?	?	52	52	0	S	2	2	54	48	0.16	
L'Orient	29.30	52	SW	5	6	29.50	+21	52	52	0	SW	2	2	55	45	0.71	
Rochefort	29.69	54	SW	3	0	29.58	+08	54	52	+6	?	6	0	61	45	-	
Biarritz	29.73	61	SSE	3	6	29.67	+12	63	59	+11	SSE	5	0	70	57	-	
Corunna	*	*	*	*	*									*	*	*	
Brussels	*	*	*	*	*	29.69	+20	48	*	+2	SSW	3	2	*	*	0.13	
Charleville	*	*	*	*	*	29.71	?	50	*	+4	ESE	?	?	*	*	*	
Paris	29.59	51	SSW	4	0	29.69	+19	50	*	+1	SSE	3	0	*	*	0.20	
Lyons	*	*	*	*	*	?	?	60	*	+4	S	7	0	*	*	*	
Toulon	30.01	52	SE	5	0	30.17	+20	50	50	0	E	6	0	55	48	1.58	

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

Bar.	Dry.	Wet.	Wind.	Wav.	Sea.	Bar.	Dry.	Wet.	Wind.	Wav.	Sea.
Skudesnaes						Valencia					
Thurso	29.17	41	40	SE	6	Scilly					
Scarborough						London					*
Greencastle					*	Rochefort	29.54	55	54	W	6
Holyhead											7

EXPLANATION OF COLUMNS.

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

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

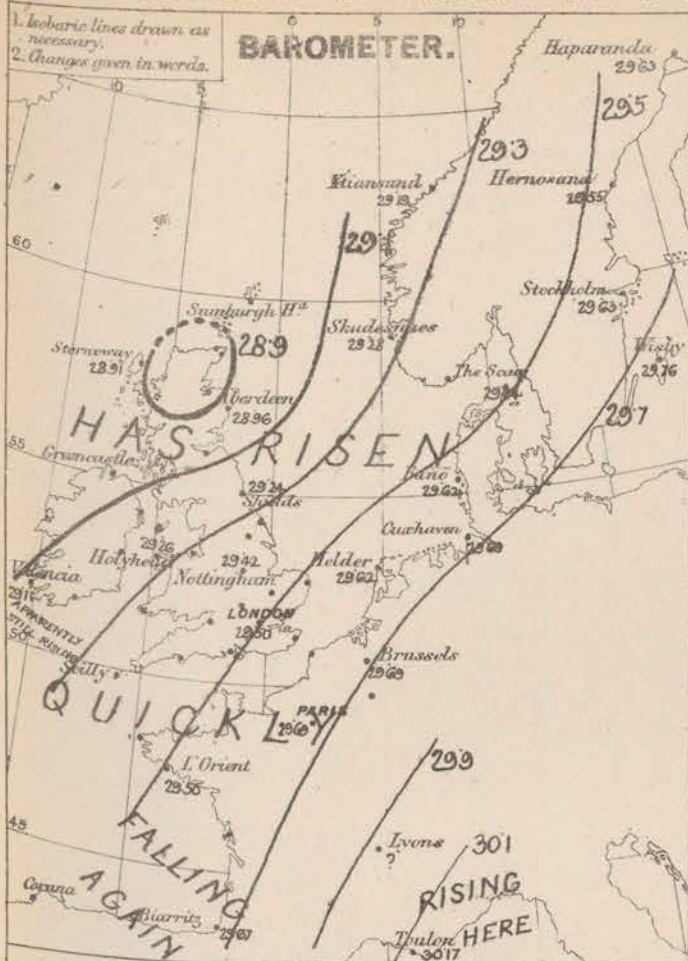
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Monday 8th JAN^y 1877.

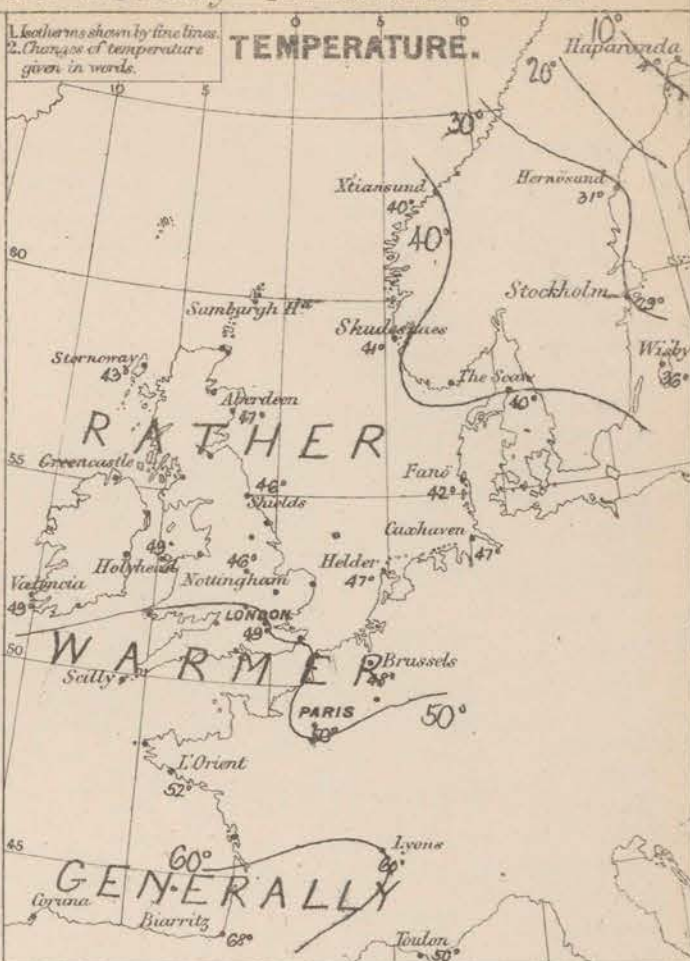
1. Isotherms drawn as necessary.
2. Changes given in words.

BAROMETER.



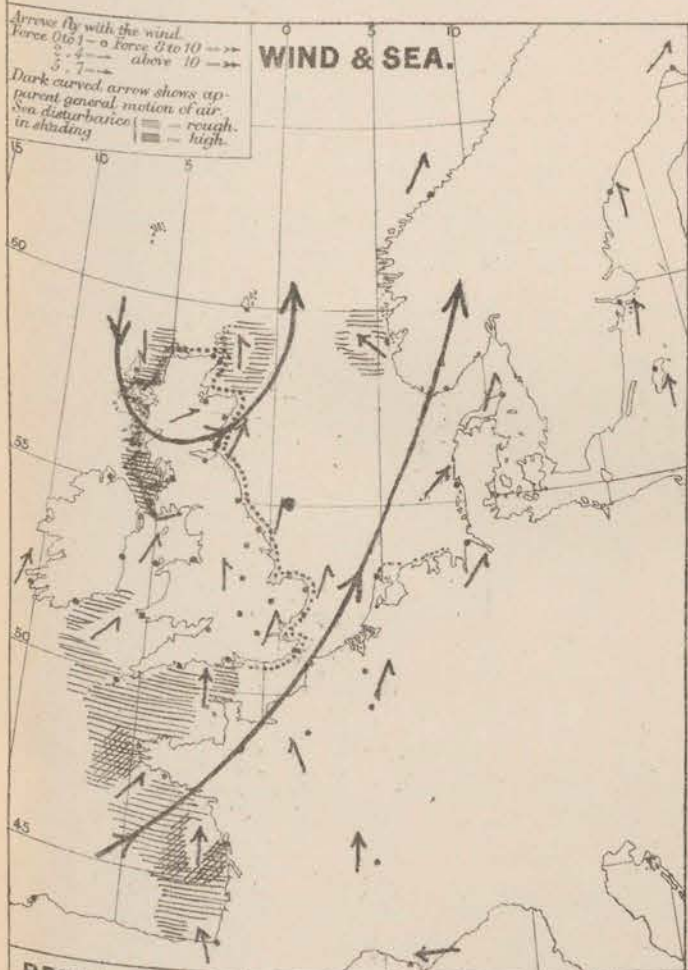
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



1. Force of wind.
2. Force of sea.
3. Force of rain.
4. Force of snow.
5. Force of hail.
6. Force of fog.
7. Force of ice.
8. Force of lightning.
9. Force of thunder.
10. Force of rain.
11. Force of snow.
12. Force of hail.
13. Force of fog.
14. Force of ice.
15. Force of lightning.
16. Force of thunder.
17. Force of rain.
18. Force of snow.
19. Force of hail.
20. Force of fog.
21. Force of ice.
22. Force of lightning.
23. Force of thunder.
24. Force of rain.
25. Force of snow.
26. Force of hail.
27. Force of fog.
28. Force of ice.
29. Force of lightning.
30. Force of thunder.
31. Force of rain.
32. Force of snow.
33. Force of hail.
34. Force of fog.
35. Force of ice.
36. Force of lightning.
37. Force of thunder.
38. Force of rain.
39. Force of snow.
40. Force of hail.
41. Force of fog.
42. Force of ice.
43. Force of lightning.
44. Force of thunder.
45. Force of rain.
46. Force of snow.
47. Force of hail.
48. Force of fog.
49. Force of ice.
50. Force of lightning.
51. Force of thunder.
52. Force of rain.
53. Force of snow.
54. Force of hail.
55. Force of fog.
56. Force of ice.
57. Force of lightning.
58. Force of thunder.
59. Force of rain.
60. Force of snow.
61. Force of hail.
62. Force of fog.
63. Force of ice.
64. Force of lightning.
65. Force of thunder.
66. Force of rain.
67. Force of snow.
68. Force of hail.
69. Force of fog.
70. Force of ice.
71. Force of lightning.
72. Force of thunder.
73. Force of rain.
74. Force of snow.
75. Force of hail.
76. Force of fog.
77. Force of ice.
78. Force of lightning.
79. Force of thunder.
80. Force of rain.
81. Force of snow.
82. Force of hail.
83. Force of fog.
84. Force of ice.
85. Force of lightning.
86. Force of thunder.
87. Force of rain.
88. Force of snow.
89. Force of hail.
90. Force of fog.
91. Force of ice.
92. Force of lightning.
93. Force of thunder.
94. Force of rain.
95. Force of snow.
96. Force of hail.
97. Force of fog.
98. Force of ice.
99. Force of lightning.
100. Force of thunder.

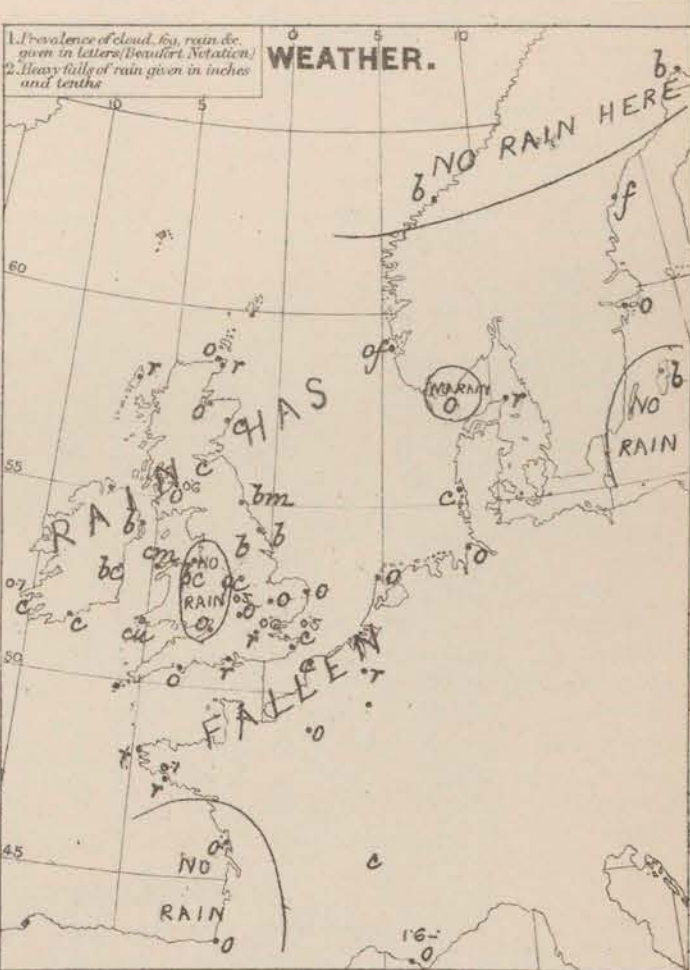
WIND & SEA.



Note: A dotted line is drawn round those coasts on which the morning signals, lights or stations, are still up.

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

WEATHER.



REMARKS. The weather over the United Kingdom has been in a most unsettled and stormy condition during the past 48 hrs. The depression which was advancing towards Ireland on Saturday morning proved to be very deep, and during Saturday night and Sunday fierce S.W. to S.W. gales swept over our southern and western coasts with the north and north-west of France, and extended to Scotland last night. Along the eastern coasts of England, however, the wind remained comparatively moderate in strength but on the Norwegian coast it was strong from SE. The centre of a depression now lies over the north of Scotland but is apparently being filled up, as the barometer is rising on all sides of it as well as in the centre itself. Barometrical readings are still very high in the south of France, and the gradients for S.W. wind remain steep over the whole of Western Europe. The wind this morning are nevertheless moderate generally from the S.W. Temperature is very high over France and the British Isles - as high as 68° at Biarritz this morning, and 50° in the south of England. Even in the south of Scotland it stands at 48°. Large quantities of rain have fallen in the south and west accompanied by thunder and lightning in many places. Very little fell in the north east, where, in fact, the weather yesterday was quite spring-like. The sea is high in the Bay of Biscay and rough off our south and south-west coasts. Elsewhere it is moderate or slight.

All our coasts were warned on Saturday.

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

R. H. SCOTT.
Director.

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DAILY WEATHER REPORT JAN^y 9th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dirco.	Force. (0 to 12).		Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.44	32	SW	4	S	29.41	-.22	14	14	+ 10	SW	4	0	*	*	*	0.24		
Hernösand ...	29.39	33	SW	2	0	29.33	-.22	35	34	+ 4	SSW	4	0	*	*	*	0.12		
Stockholm ...	29.64	39	S	2	0	29.39	-.24	36	35	+ 7	N	0	6	*	*	*	0.08		
Wisby ...	29.82	39	SW	4	P	29.50	-.26	40	39	+ 4	SW	6	0	*	*	*	0.51		
Christiansund ...																			
Skudesnaes ...	29.31	41	SSE	6	f	29.35	+ .07	40	40	- 1	SSE	4	rf	5	41	?	-		
Oxö (Xtiansand) ...	29.47	36	S	4	f	29.44	+ .04	35	35	- 1	E	2	f	2	36	32	-		
Skagen (The Scaw) ...	29.56	39	NSW	3	r	29.50	+ .06	39	39	- 1	N	0	f	0	43	36	0.12		
Fanö ...	29.53	41	NSW	1	f	29.54	-.08	40	40	- 2	N	0	f	*	43	39	0.32		
Cuxhaven ...	29.63	*	*	*	*	29.54	-.15	48	48	+ 1	ESE	1	rf	*	*	*	0.98		
Sumburgh Head ...																			
Stornoway ...	29.29	41	NNE	4	0	29.68	+ .77	36	36	- 7	NE	5	r	6	44	35	0.09		
Thurso ...	29.44	40	NE	5	P	29.61	+ .79	39	37	- 2	N	7	c	6	45	38	0.07		
Wick ...	29.19	46	NNW	4	0	29.63	+ .77	38	36	- 6	NNE	3	0	3	?	35	0.02		
Nairn ...	29.21	45	NE	2	0	29.61	+ .77	38	36	- 8	NNW	2	P	2	46	37	-		
Aberdeen ...	29.23	42	SW	1	b	29.54	+ .58	39	37	- 8	N	4	c	2	47	37	-		
Leith ...	29.28	44	SW	1	c	29.57	+ .50	38	38	- 10	SSE	1	0	*	52	37	0.57		
Shields ...	29.37	45	SSW	3	b	29.57	+ .33	40	39	- 6	N	4	0	2	49	40	0.03		
York ...	29.42	46	SW	1	be	29.60	+ .23	42	41	- 2	N	1	b	*	48	38	0.01		
Scarborough ...	29.41	46	SW	1	0	29.57	+ .28	41	40	- 14	NSW	1	rf	1	48	41	-		
Nottingham ...	29.46	47	S	1	0	29.64	+ .22	42	42	- 4	N	0	for	*	57	42	-		
Ardrossan ...	29.29	46	N	0	0	29.59	+ .49	42	40	- 6	E	1	om	*	49	42	0.06		
Greencastle ...																			
Donaghadee ...	29.26	45	SW	4	c	29.54	+ .39	42	42	- 2	SW	3	c	2	47	42	0.27		
Kingstown ...	29.28	50	S	3	be	29.56	+ .36	45	43	- 2	S	1	b	2	50	44	-		
Holyhead ...	29.32	49	SSW	4	r	29.56	+ .30	46	45	- 3	SW	1	be	1	51	44	0.05		
Liverpool (Bidston) ...	29.38	46	SE	2	c	29.59	+ .27	45	43	- 3	SW	2	b	2	52	43	-		
Valencia ...	29.30	48	SW	3	b	29.56	+ .45	43	42	- 6	N	1	c	3	53	42	0.01		
Roche's Point ...	29.36	49	NSW	3	be	29.58	+ .38	45	44	- 4	N	2	c	4	52	44	0.10		
Pembroke ...	29.38	40	SSW	2	be	29.54	+ .23	45	47	- 7	SSW	3	be	3	57	47	0.07		
Portishead ...	29.43	48	NSW	3	0	29.64	+ .23	47	46	- 3	NSW	3	be	2	52	45	0.06		
Scilly ...																			
Plymouth ...	29.46	50	SSW	2	0	29.65	+ .25	49	49	- 2	SW	5	0	*	53	48	0.14		
Hurst Castle ...	29.46	50	S	1	0	29.66	+ .19	50	50	- 2	NSW	2	be	2	52	46	0.82		
Dover ...	29.49	50	S	3	0	29.68	+ .12	48	47	- 2	N	3	rf	2	52	47	0.58		
London ...	29.49	51	N	0	rf	29.67	+ .17	47	47	- 2	NSW	1	c	*	52	45	0.62		
Oxford ...	*	*	*	*	*	29.67	+ .22	48	47	- 2	SW	1	f	*	50	46	0.17		
Cambridge ...	29.28	48	S	1	rf	?	?	45	45	- 4	SW	1	0	*	51	46	0.17		
Yarmouth ...	29.49	47	S	2	rf	29.59	+ .08	45	45	- 4	NNW	2	f	2	49	45	0.41		
The Helder ...	*	*	*	*	*	29.52	- .10	47	47	0	N	0	r	*	*	*	0.87		
Cape Gris Nez ...	29.57	52	S	4	rf	29.72	+ .12	48	48	0	NNW	5	P	4	52	48	0.71		
Brest ...	?	52	SW	2	0	?	?	50	48	- 2	N	4	b	5	54	48	0.55		
L'Orient ...	29.52	54	SSW	3	r	29.85	+ .38	50	50	- 2	N	3	c	5	55	48	0.67		
Rochefort ...	29.61	55	SSE	4	0	29.96	+ .38	55	52	+ 1	S	3	0	3	59	45	-		
Biarritz ...	29.98	64	S	2	be	29.96	+ .29	62	59	- 4	S	3	be	5	73	63	-		
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	29.62	-.07	55	*	+ 7	NSW	9	0	*	*	*	*		
Charleville ...	*	*	*	*	*	29.67	-.04	55	*	+ 8	SW	6	0	*	*	*	*		
Paris ...	29.72	53	S	4	*	29.83	+ .14	57	*	+ 7	SW	5	c	*	*	*	*		
Lyons ...	*	*	*	*	*	?	?	62	*	+ 2	S	7	0	*	*	*	*		
Toulon ...	30.27	52	E	6	c	30.24	+ .07	54	52	+ 4	E	5	m	6	54	48	-		

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

	Bar.	Dry.	Wet.	Wind.	Wsa.	Sea.		Bar.	Dry.	Wet.	Wind.	Wsa.	Sea.		
Skudesnaes ...	29.32	41	41	SSE	6	f	6	Valencia	29.21	57	49	NSW	3	be	3
Thurso	29.00	44	43	NSW	3	a	4	Scilly							
Scarborough ...	29.37	48	43	E	3	0	2	London	29.40	52	51	N	0	rf	*
Greencastle ...							*	Rocheport ...	29.57	57	54	SSE	4	0	5
Holyhead	29.30	50	49	S	3	b	3								

The barometer has fallen very slightly both in France, and the S.E. of England, but is rising in the N. and W. Light winds prevail generally, with fine weather in the N., but cloudy in the E. and rain 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. 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

JAN^y 10th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 5).	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda ...														*	*	*		
Hernösand ...														*	*	*		
Stockholm ...														*	*	*		
Wisby ...														*	*	*		
Christiansund ...														*	*	*		
Skudesnaes ...	29.57	39	SSE	6	f	30.00	+ .65	34	32	- 6	ESE	6	0	5	29	?	-	
Oxö (Xtiansand) ...	29.56	24	SW	2	f	30.04	+ .60	31	27	- 4	NE	4	0	8	?	27	-	
Skagen (The Scaw) ...	29.42	37	N	3	f	29.96	+ .46	30	29	- 9	NE	4	0	4	?	28	0.04	
Fanö ...	29.81	40	N	6	c	30.46	+ .52	37	34	- 3	NNW	4	c	*	41	36	0.04	
Cuxhaven ...	29.80	*	*	*	*	30.17	+ .57	40	40	- 8	NNW	2	bc	*	*	*	0.36	
Sumburgh Head																		
Stornoway	29.98	35	NNE	3	bc	30.12	+ .46	32	31	- 4	E	1	f	4	39	31	0.02	
Thurso ...	29.95	37	NNE	4	bc	30.16	+ .55	25	25	- 14	S	1	bc	3	40	22	0.01	
Wick ...	29.99	35	NNW	2	bc	30.17	+ .54	28	27	- 10	NNW	1	f	2	38	25	-	
Nairn ...	29.86	36	ESE	3	bc	30.16	+ .55	27	27	- 11	N	0	bc	2.5	38	24	-	
Aberdeen ...	29.92	36	N	2	bc	30.13	+ .59	32	30	- 7	N	1	bc	2	41	31	-	
Leith ...	29.93	40	ESE	3	0	30.11	+ .54	39	38	+ 1	ESE	2	0	*	43	37	-	
Shields ...	29.92	41	N	3	7	30.13	+ .56	41	39	+ 1	E	2	f	3	43	39	0.03	
York ...	29.90	42	N	1	0	30.10	+ .50	42	42	0	SE	1	0	*	44	39	0.03	
Scarborough ...	29.93	43	NNW	2	0	30.09	+ .52	43	42	+ 2	SE	3	c	3	43	41	-	
Nottingham ...	29.93	44	N	0	f	30.08	+ .44	44	43	+ 2	N	0	f	*	46	41	0.05	
Ardrossan ...	29.92	40	ESE	2	0	30.08	+ .49	38	36	- 4	NE	3	0	2	43	37	0.16	
Greencastle ...	29.99	43	E	1	f	29.99	+ .50	42	41	- 1	E	2	0	*	44	40	0.16	
Donaghadee ...	29.89	43	SSE	5	c	30.02	+ .48	42	42	0	E	5	bc	3	45	41	0.09	
Kingstown ...	29.84	46	N	0	c	29.99	+ .43	43	42	- 2	N	0	f	1	48	40	-	
Holyhead ...	29.89	47	S	1	c	29.98	+ .42	42	42	- 4	S	1	few	1	50	42	0.01	
Liverpool (Bidston) ...	29.88	42	SE	1	bc	30.01	+ .42	39	39	- 6	SE	2	f	2	46	38	0.04	
Valencia ...	29.85	46	N	3	bc	29.92	+ .36	42	40	- 1	S	2	bc	3	50	38	0.03	
Roche's Point...	29.84	46	N	2	bc	29.99	+ .41	37	36	- 8	N	2	f	3	51	36	0.02	
Pembroke ...	29.89	50	SW	3	bc	29.94	+ .40	45	45	- 3	ESE	3	c	3	51	45	0.03	
Portishead ...	29.94	49	NNW	2	bc	30.00	+ .36	37	37	- 10	N	0	f	1	51	35	-	
Scilly ...																		
Plymouth ...	29.97	49	SW	2	bc	29.91	+ .26	47	47	- 2	E	2	0	*	54	40	0.03	
Hurst Castle ...	30.00	41	N	0	bc	29.97	+ .31	44	44	- 6	ESE	3	f	2	51	40	0.03	
Dover ...	30.02	49	N	3	bc	30.03	+ .35	45	44	- 3	NE	2	bc	1	51	42	0.04	
London ...	29.97	51	N	2	bc	30.03	+ .36	42	42	- 5	N	0	f	*	52	39	0.02	
Oxford ...	*	*	*	*	*	30.06	+ .39	36	36	- 12	N	0	f	*	52	36	0.02	
Cambridge ...	29.90	49	SW	2	0	30.05	?	36	36	- 9	NNW	1	0	*	52	33	0.03	
Yarmouth ...	29.90	48	N	2	f	30.06	+ .47	41	41	- 4	N	0	f	3	54	40	0.09	
The Helder..	*	*	*	*	*	30.10	+ .58	44	42	- 3	NE	4	bc	*	*	*	-	
Cape Gris Nez	30.00	52	NNW	5	f	30.05	+ .08	45	45	- 3	E	1	c	0	52	43	0.04	
Brest ...	?	?	S	1	bc	?	?	50	48	0	ENE	3	0	4	54	46	0.04	
L'Orient ...	30.05	50	SE	1	0	29.76	- .12	52	50	+ 2	SE	4	0	5	57	46	-	
Rochefort ...	30.08	55	SSE	2	0	29.85	- .11	50	50	- 5	SE	5	bc	3	61	48	-	
Biarritz ...	29.95	66	ESE	3	0	29.93	- .03	63	52	- 1	SE	4	0	3	72	52	-	
Corunna ...	*	*	*	*	*									*	*	*		
Brussels ...	*	*	*	*	*	30.08	+ .46	44	*	- 11	?	?	f	*	*	*	0.01	
Charleville ...	*	*	*	*	*	29.98	+ .31	43	*	- 15	E	1	bc	*	*	*	*	
Paris ...	30.10	52	NNW	2	c	29.97	+ .14	49	*	- 8	E	3	0	*	*	*	-	
Lyons ...	*	*	*	*	*	?	?	60	*	- 2	S	4	bc	*	*	*	*	
Toulon ...	30.30	52	E	5	bc	30.21	- .03	52	52	- 2	E	6	0	6	55	52	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.43	39	39	SSE	4	f	Valencia	29.45	49	47	N	3	c	3
Thurso	29.84	38	35	NNE	5	bc	Scilly							
Scarborough ...	29.80	43	41	NNW	2	bc	London	29.85	54	51	NNE	3	o	*
Greencastle ...	29.69	44	43	NE	1	o	Rochefort ...	30.04	61	57	SSE	2	c	3
Holyhead	29.75	48	47	S	2	bc								

The barometer continues to rise briskly over the whole country. The general character of the winds reported shows little change.

EXPLANATION OF COLUMNS.

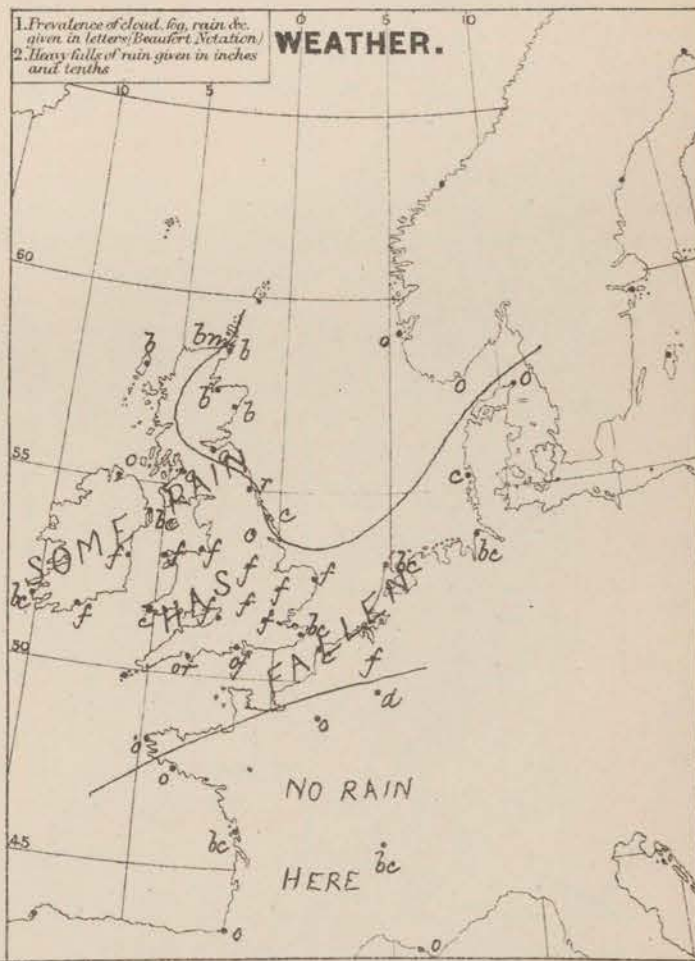
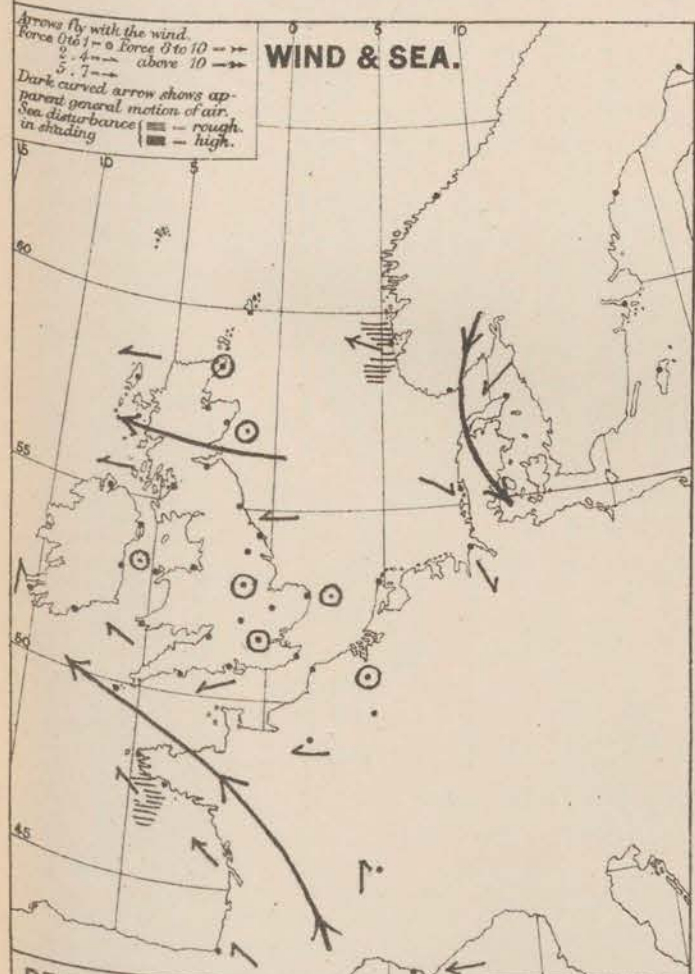
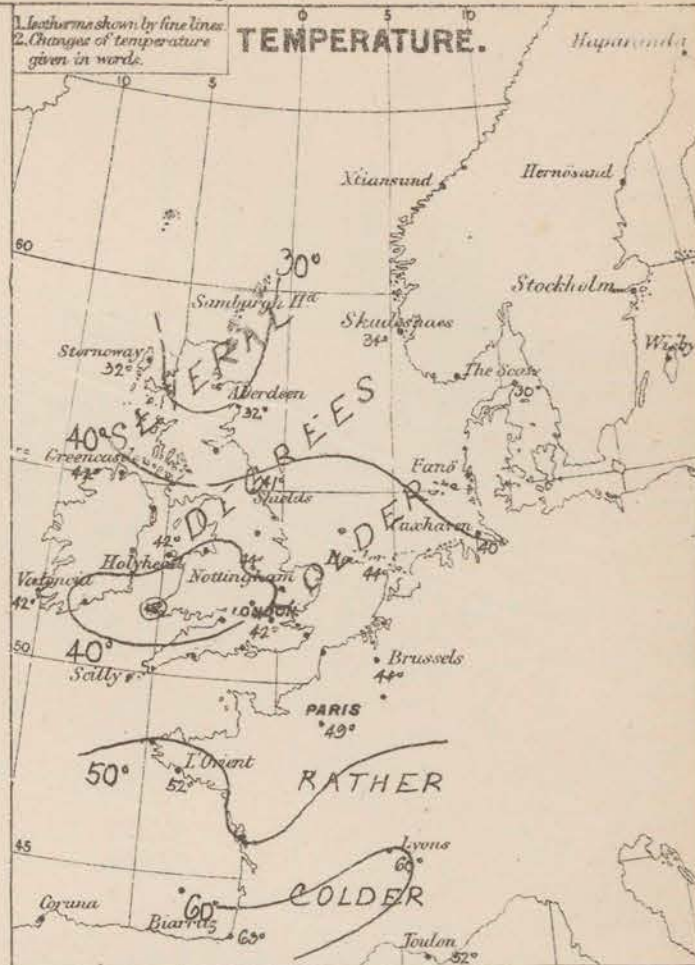
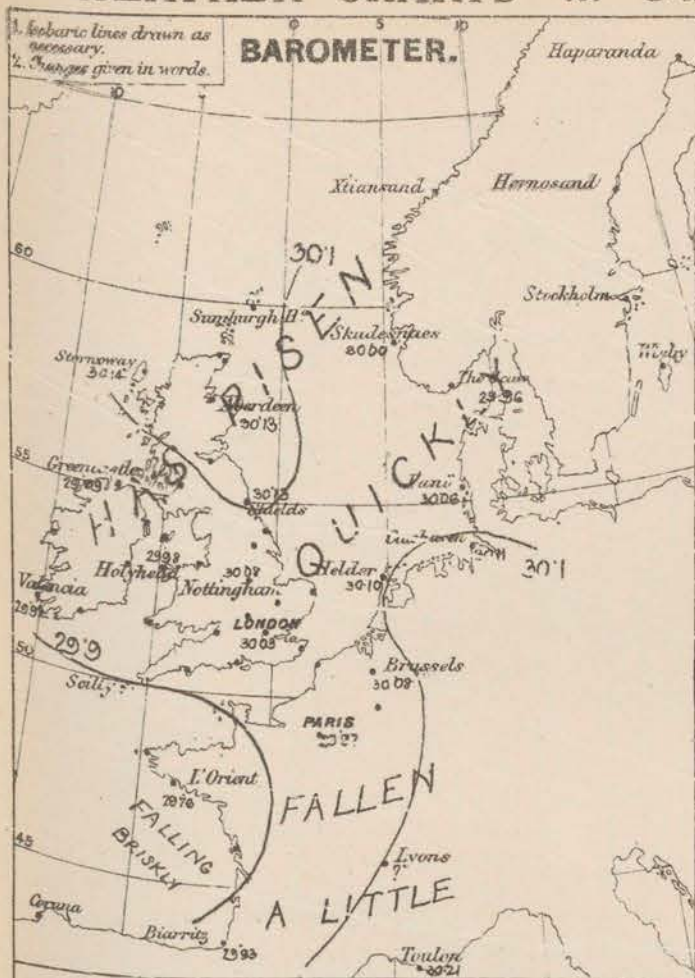
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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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 10th JAN^y 1877.



REMARKS. The depression which lay off the west coast of Norway yesterday morning has since disappeared over Sweden, and the barometer has continued to rise quickly in the north and to a less extent at nearly all our stations but over France and the Channel a fall has set in during the past night. The highest reading is still reported from Toulon but the area of high pressure noticed over the north west of Scotland yesterday has increased and extended over the north of England. The winds which are fresh over France and at Skudskyaas but very light elsewhere blow from SE over the Bay of Biscay and though rather variable in our islands are generally from E. or NE. Temperature has fallen several degrees in nearly all places, and over Scotland a slight frost is reported. Very slight rain has fallen but the weather is now generally dry. A great deal of fog is reported and the sky is overcast in the north of England and over Norway but in Scotland the weather is clear. The sea is slight.

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

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

DAILY WEATHER REPORT JAN^Y 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 ...													*	*	*			
Skudesnaes ...	30.19	33	ESE	4	o	30.17	+ .27	31	26	- 3	ENE	4	c	3	34	?	-	
Oxö (Xtiansand) ...	30.24	26	NE	6	f	30.18	+ .14	23	22	- 8	NE	6	c	3	?	10	-	
Skagen (The Scaw) ...	30.23	28	NE	3	f	30.20	+ .24	26	25	- 4	NE	5	o	5	32	25	-	
Fanö ...	30.14	31	ENE	3	o	30.04	- .10	33	32	- 4	ENE	4	c	*	37	30	-	
Cuxhaven ...	30.15	*	*	*	*	29.94	- .17	32	31	- 8	E	4	o	*	*	*	-	
Sumburgh Head ...																		
Stornoway ...	30.12	33	E	1	f	29.87	- .27	37	36	+ 5	SSE	2	bc	4	37	31	-	
Thurso ...	30.17	29	W	0	f	29.97	- .19	34	32	+ 9	W	0	c	1	35	23	-	
Wick ...	30.17	32	E	1	bc	29.97	- .20	36	35	+ 8	SE	2	bc	2	36	24	-	
Nairn ...	30.14	34	E	1	f	29.98	- .18	35	33	+ 8	W	0	o	2	36	27	-	
Aberdeen ...	30.14	36	W	0	m	29.97	- .16	34	32	+ 2	E	1	bc	2	36	31	0.02	
Leith ...	30.11	40	ESE	3	o	29.95	- .16	37	36	- 2	SE	3	o	*	41	35	-	
Shields ...	30.12	42	E	5	o	29.96	- .17	39	34	- 2	E	4	o	4	43	39	-	
York ...	30.07	40	SE	3	o	29.92	- .18	35	34	- 7	N	1	f	*	44	35	0.03	
Scarborough ...	30.09	41	E	3	o	29.93	- .19	38	34	- 5	ENE	3	o	*	44	38	-	
Nottingham ...	29.99	43	ENE	5	o	29.85	- .23	38	35	- 6	NNE	5	q	*	44	38	-	
Ardrossan ...	30.08	39	NE	3	o	29.96	- .12	37	35	- 1	ENE	2	o	1	40	37	-	
Greencastle ...	30.00	43	E	2	o	29.86	- .10	40	39	- 2	SE	2	o	*	43	40	-	
Donaghadee ...	30.02	43	E	6	o	29.92	- .10	42	40	o	SE	3	c	2	43	41	0.02	
Kingstown ...	29.94	46	E	1	c	29.89	- .10	44	41	+ 1	E	4	c	4	49	40	0.05	
Holyhead ...	29.92	43	E	4	f	29.89	- .09	40	39	- 2	ENE	2	c	2	49	39	-	
Liverpool (Bidston) ...	29.95	42	ENE	4	c	29.89	- .12	37	34	- 2	ENE	3	c	2	44	37	-	
Valencia ...	29.91	43	S	1	bc	29.84	- .08	44	43	+ 2	SW	1	c	2	48	38	0.03	
Roche's Point ...	29.97	42	NW	2	bc	29.88	- .11	39	38	+ 2	NNW	2	c	3	45	36	0.02	
Pembroke ...	29.94	45	NE	4	c	29.83	- .11	41	39	- 4	NNE	3	bc	2	47	40	0.10	
Portishead ...	29.88	40	E	6	f	29.76	- .24	40	39	+ 3	NE	5	o	4	45	35	0.46	
Scilly ...																		
Plymouth ...	29.67	46	NE	5	f	29.76	- .15	42	42	- 5	NW	1	o	*	49	41	0.25	
Hurst Castle ...	29.73	48	ESE	5	f	29.62	- .35	42	42	- 2	NE	5	o	4	48	40	0.45	
Dover ...	29.86	47	ENE	4	o	29.52	- .57	48	47	+ 3	E	4	o	3	48	45	0.35	
London ...	29.87	47	SE	4	off	29.64	- .39	41	40	- 1	ENE	6	off	*	48	39	0.73	
Oxford ...	*	*	*	*	*	29.74	- .32	40	37	+ 4	N	5	o	*	52	38	0.44	
Cambridge ...	29.95	45	ENE	1	o	29.65	- .40	38	37	+ 2	NNE	4	o	*	45	36	0.37	
Yarmouth ...	29.98	44	E	6	o	29.70	- .33	40	38	- 1	ENE	8	c	6	45	39	0.05	
The Helder ...	*	*	*	*	*	29.80	- .30	36	34	- 8	NE	4	c	*	*	*	-	
Cape Gris Nez ...	29.86	45	ENE	5	f	29.57	- .34	46	46	+ 1	ENE	4	f	3	48	43	0.53	
Brest ...	?	54	N	2	f	?	?	48	45	- 2	NNW	4	o	4	54	43	0.75	
L'Orient ...	29.55	50	N	5	bc	29.87	+ .11	46	45	- 6	NNW	6	f	7	55	45	0.79	
Rochefort ...	29.94	52	SW	8	bc	29.95	+ .12	52	52	+ 2	SW	7	o	7	61	46	-	
Biarritz ...	30.06	64	SW	4	bc	30.09	+ .16	54	50	- 9	W	0	f	5	64	50	0.04	
Corunna ...	*	*	*	*	*									*	*	*		
Brussels ...	*	*	*	*	*	29.62	- .46	48	*	+ 4	SE	3	f	*	*	*	0.28	
Charleville ...	*	*	*	*	*	29.64	- .34	44	*	+ 1	SSW	3	c	*	*	*		
Paris ...	29.89	52	S	3	bc	29.63	- .34	48	*	- 1	SW	5	o	*	*	*		
Lyons ...	*	*	*	*	*	?	?	55	*	- 5	S	2	c	*	*	*		
Toulon ...	30.15	52	E	5	m	30.07	- .14	50	46	- 2	NW	3	bc	4	54	50	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.17	32	29	SE	4	S	4	Valencia	29.91	47	43	S	3	bc	3
Thurso	30.18	34	32	S	1	bc	2	Scilly							
Scarborough ...	30.10	43	40	E	3	o	4	London	29.94	47	46	E	1	off	*
Greencastle ..	30.02	43	42	E	2	o	*	Rochefort ...	29.94	59	55	SW	5	f	3
Holyhead	29.96	45	44	E	3	c	2								

The barometer is falling on all our Sea and SWW Coast, and ESE winds are spreading over the whole of England and the N.E. of Ireland, but at Valencia the wind remains S.W. The weather is apparently again becoming very unsettled.

EXPLANATION OF COLUMNS.

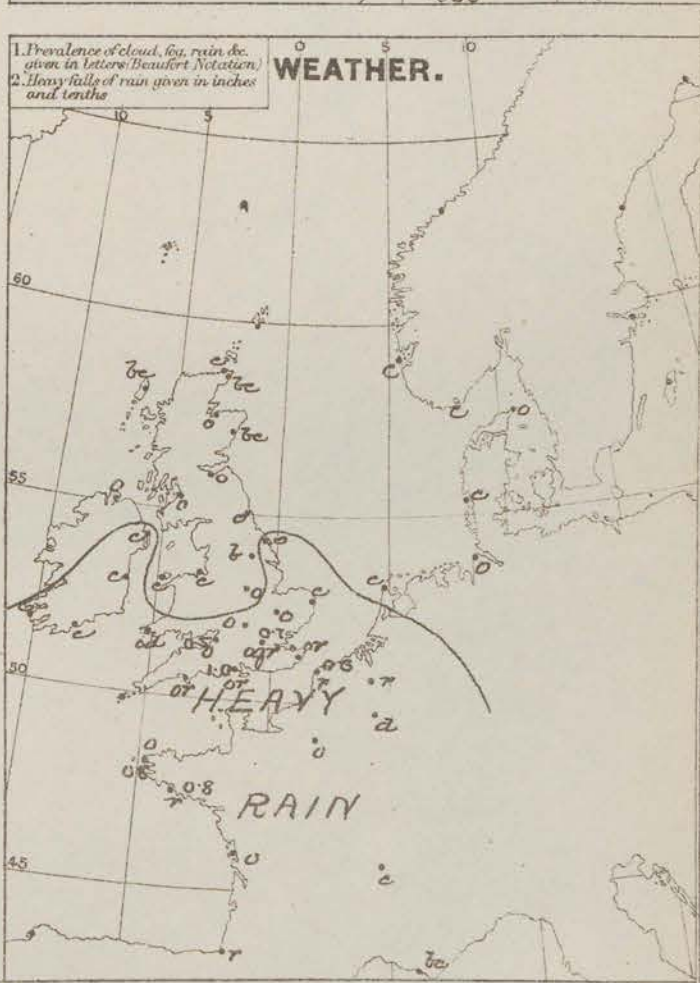
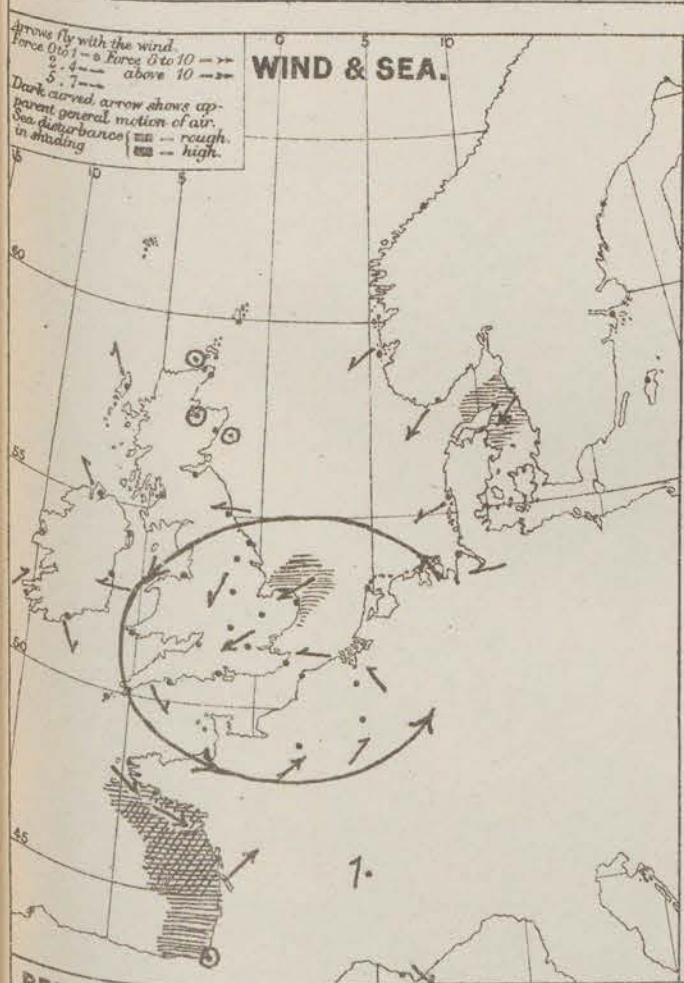
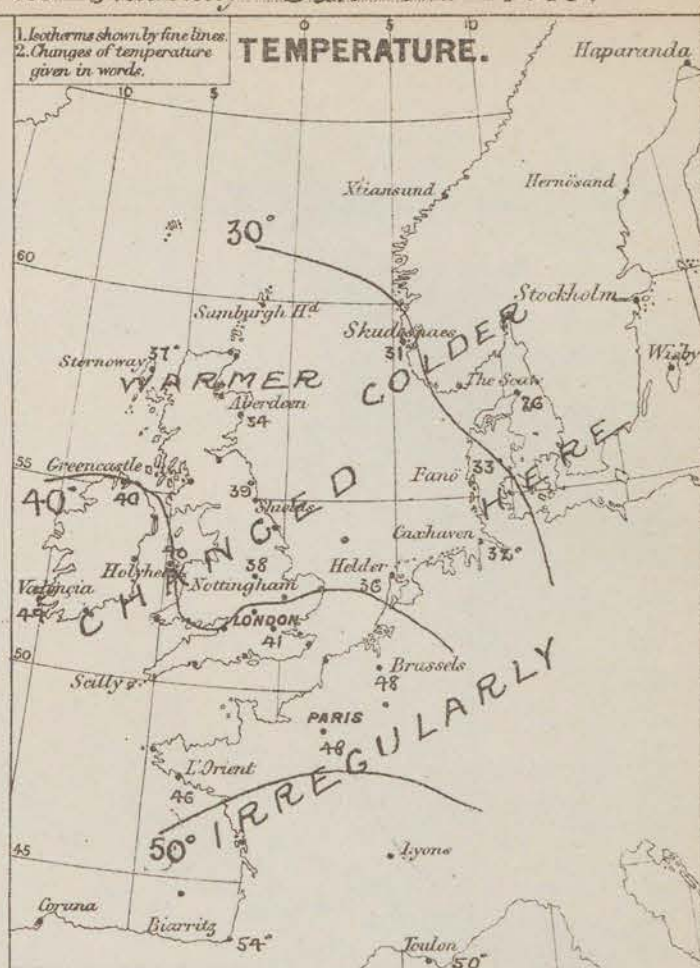
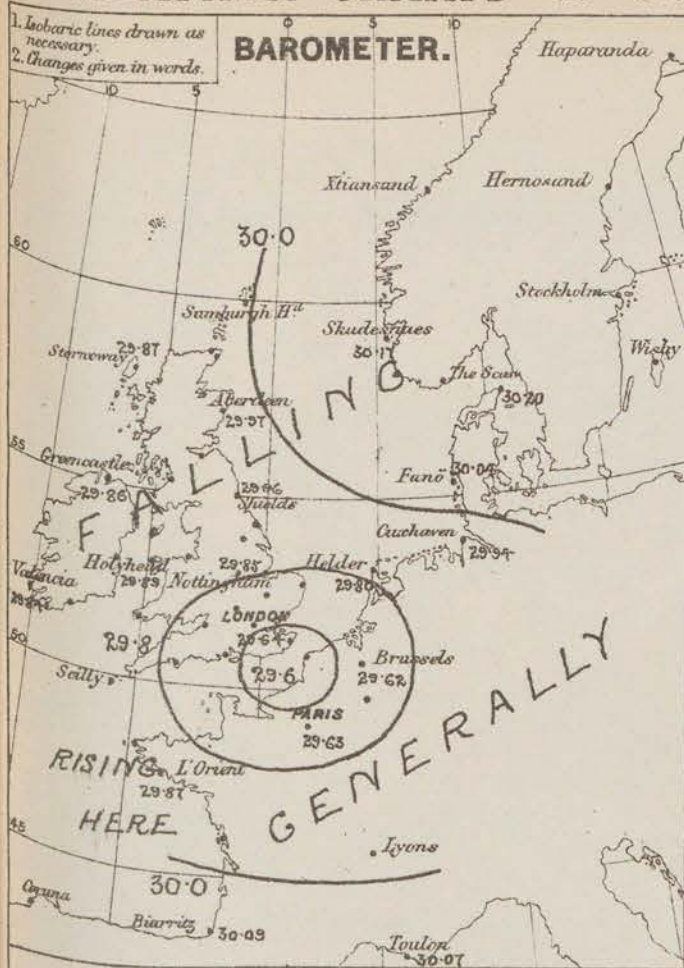
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

WEATHER CHARTS for 8 a.m. on Thursday Jan^y 11th 1877.



REMARKS. During yesterday the centre of a small, well formed depression advanced from the S^W across the NW of France towards Dover and Cornwall, and at 6 p.m. its centre lay near the mouth of the Channel. The barometer consequently fell briskly in the S. but continued to rise in the N. During the night the depression changed its course, and passing quickly to the E^W has reached the NE. of France this morning. In the mean time the barometer has begun to fall quickly at our N^W stations also. Easterly winds have set in over nearly the whole of the United Kingdom, and though light in most places have blown a fresh gale over the SE^W coasts during the night, with heavy rain. In the W. of France (i.e. in the rear of the depression) the wind has shifted to W or SW, and blows a slight gale at Rochefort, and at Paris the wind is fresh from the same quarter, while in Belgium it is SE^W & temperature is changing irregularly. In Scotland it has risen several degrees, while on the E^W shores of the North Sea it has fallen, and frost prevails. At our N^W stations the weather is dry, but in the S. and SE. a great deal of rain is falling again. Nearly an inch was measured at Herstfort, and about three quarters of an inch in London, as well as at Brest and Orléans. The sea is high at Rochefort, and rough off our SE. coasts, but moderate to smooth on our W^W and N^W coasts. Warnings for an E^W gale were issued to our NE. coasts last night, but the signals have been lowered this morning.

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

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT JAN^y 12th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 330 P. and Sea Level.	Temp. in shade.	Wind.		Weather.	Barometer.		SHADE TEMP.			Wind.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 830 P. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.01	-8	W	0	m	30.09		-11	-12		W	0	f	*	*	*	-	
Hernösand ...	30.23	2	N	2	b	30.25		-6	-7		N	2	b	*	*	*	-	
Stockholm ...	30.24	4	W	0	s	30.22		6	5		W	0	f	*	*	*	-	
Wisby ...	30.21	22	E	2	b	30.15		24	23		E	4	b	*	*	*	-	
Christiansund ...																		
Skudesnaes ...	30.07	27	E	4	b	30.04	-13	25	22	-6	E	4	b	3	?	?	-	
Oxö (Xmansand) ...	30.10	22	NE	7	c	30.02	-16	22	21	-1	NE	7	c	5	20	?	-	
Skagen (The Scaw) ...	30.10	24	ESE	6	b	30.05	-15	24	22	-2	E	5	0	5	28	21	-	
Fanö ...	29.82	32	E	6	o	29.84	-20	31	31	-2	ENE	6	0	*	?	30	-	
Cuxhaven ...	29.75	*	*	*	*	29.71	-23	34	34	+2	E	4	0	*	*	*	-	
Sumburgh Head																		
Stormoway	29.69	39	S	6	o	29.62	-25	37	36	0	S	6	n	6	40	36	0.08	
Thurso ...	29.79	34	SE	2	o	29.77	-20	33	32	-1	SSE	2	cm	2	36	31	-	
Wick ...	29.79	37	S	4	b	29.71	-26	37	35	+1	S	4	b	4	37	34	-	
Nairn ...	29.81	35	W	0	bc	29.73	-25	36	31	+1	E	2	0	2	37	30	-	
Aberdeen ...	29.82	37	SSE	2	o	29.74	-23	33	31	-1	W	0	0	1	38	32	0.03	
Leith ...	29.83	35	SE	2	bc	29.72	-23	32	31	-5	SE	1	c	*	39	29	-	
Shields ...	29.84	38	ESE	3	o	29.79	-17	34	33	-5	W	0	f	3	39	33	-	
York ...	29.83	36	ENE	1	o	29.81	-11	32	31	-3	N	1	bc	*	39	30	0.01	
Scarborough ...	29.82	38	ENE	3	o	29.80	-10	36	35	-2	W	0	0	3	39	35	0.04	
Nottingham ...	29.83	37	NNE	3	o	29.83	-02	29	29	-9	W	0	f	*	44	28	-	
Ardrossan ...	29.83	36	E	2	o	29.73	-23	35	34	-2	ESE	3	cm	3	40	33	0.05	
Greencastle ...	29.73	41	SSE	3	o	29.70	-16	40	38	0	NN	3	0	*	42	39	0.13	
Donaghadee ...	29.80	40	S	2	c	29.73	-19	38	38	-4	N	4	r	3	42	38	0.29	
Kingstown ...	29.80	43	SSE	4	o	29.74	-15	42	40	-3	NNN	5	0	4	44	27	0.02	
Holyhead ...	29.82	36	E	1	b	29.70	-19	42	41	+2	NNN	3	d	3	42	35	0.05	
Liverpool (Bidston) ...	29.83	36	NNE	1	bc	29.74	-15	33	31	-4	ESE	3	c	2	38	31	-	
Valencia ...	29.73	47	SSE	4	o	29.91	+13	41	38	-3	N	4	0	3	50	38	0.22	
Roche's Point ...	29.79	43	SSE	2	bc	29.89	+01	39	37	0	NNN	5	bc	3	47	36	0.41	
Pembroke ...	29.83	42	S	1	o	29.76	-07	41	40	0	NNN	5	P	3	44	40	0.08	
Portishead ...	29.83	39	NE	3	bc	29.78	+02	36	35	-4	NE	2	m	2	41	31	0.02	
Scilly ...																		
Plymouth ...	29.84	40	NNN	1	b	29.74	-02	40	40	-2	NE	1	o	*	45	35	0.06	
Hurst Castle ...	29.78	40	NNN	3	o	29.79	+17	40	38	-2	W	0	0	0	42	31	0.02	
Dover ...	29.62	41	NNE	4	o	29.80	+28	36	35	-12	NN	4	bc	2	48	35	0.34	
London ...	29.75	39	NN	3	o	29.82	+18	30	30	-11	W	0	bc	*	41	30	0.13	
Oxford ...	*	*	*	*	*	29.82	+08	29	29	-11	W	0	c	*	41	29	-	
Cambridge ...	29.74	37	NNE	2	o	29.82	+17	31	31	-7	NN	1	c	*	40	31	0.03	
Yarmouth ...	29.67	41	NE	7	o	29.77	+04	37	37	-3	NN	2	f	5	41	36	0.06	
The Helder ...	*	*	*	*	*	29.75	-05	37	36	+1	NNE	1	0	*	*	*	-	
Cape Gris Nes	29.58	43	NNE	6	P	29.81	+30	39	37	-7	NN	3	0	3	48	37	0.32	
Brest ...	?	52	NNN	4	bc	?	?	48	45	0	NNN	4	0	4	50	45	0.04	
L'Orient ...	29.93	46	NN	5	bc	29.85	-02	48	46	+2	N	2	P	5	50	45	0.20	
Rochefort ...	29.94	54	N	6	bc	29.93	-03	50	46	-2	N	3	0	5	59	48	0.28	
Biarritz ...	30.12	54	NNN	5	P	30.06	-03	48	45	-6	SSE	4	c	4	54	43	0.35	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.74	+12	32	*	-9	NNN	3	0	*	*	*	0.33	
Charleville ...	*	*	*	*	*	29.68	+04	40	*	-4	NNN	6	P	*	*	*	*	
Paris ...	29.66	44	N	4	o	29.87	+24	35	*	-10	NN	2	f	*	*	*	0.08	
Lyons ...	*	*	*	*	*	?	?	52	*	-3	NN	4	c	*	*	*	*	
Toulon ...	29.93	50	NN	4	o	29.86	-21	43	39	-7	NN	6	bc	5	54	50	-	

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

	Bar.	Dry.	Wet.	Wind.	Waa.	Sea.		Bar.	Dry.	Wet.	Wind.	Waa.	Sea.		
Skudesnaes ...	30.09	29	34	E	4	b	3	Valencia	29.81	47	43	N	3	c	4
Thurso	29.87	36	34	SE	2	c	2	Scilly	29.74	45	40	ENE	1	f	1
Scarborough ...	29.83	37	35	ENE	4	ohp	4	London	29.70	39	38	NN	4	ag	*
Greencastle ...	29.74	40	38	SSE	2	b	*	Rochefort ...	29.93	52	48	NN	6	bc	6
Holyhead	29.85	40	38	E	2	b	7								

The barometer is falling very briskly on our N and NE coast, but is rising in the SE, as the depression noticed there this morning is passing off to the E. The winds are very variable, and the weather is extremely unsettled.

EXPLANATION OF COLUMNS.

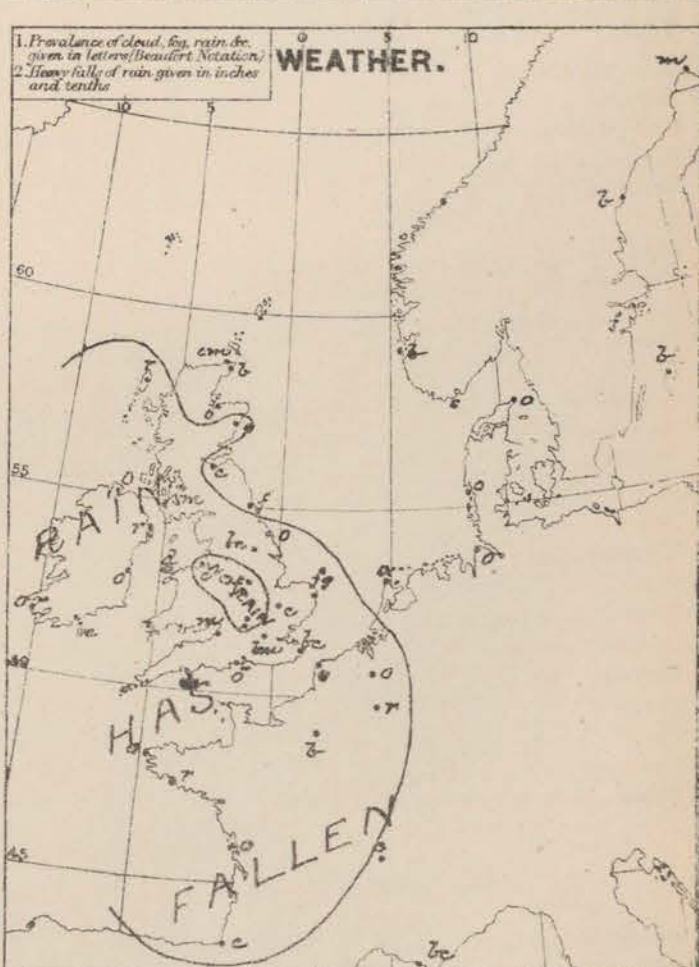
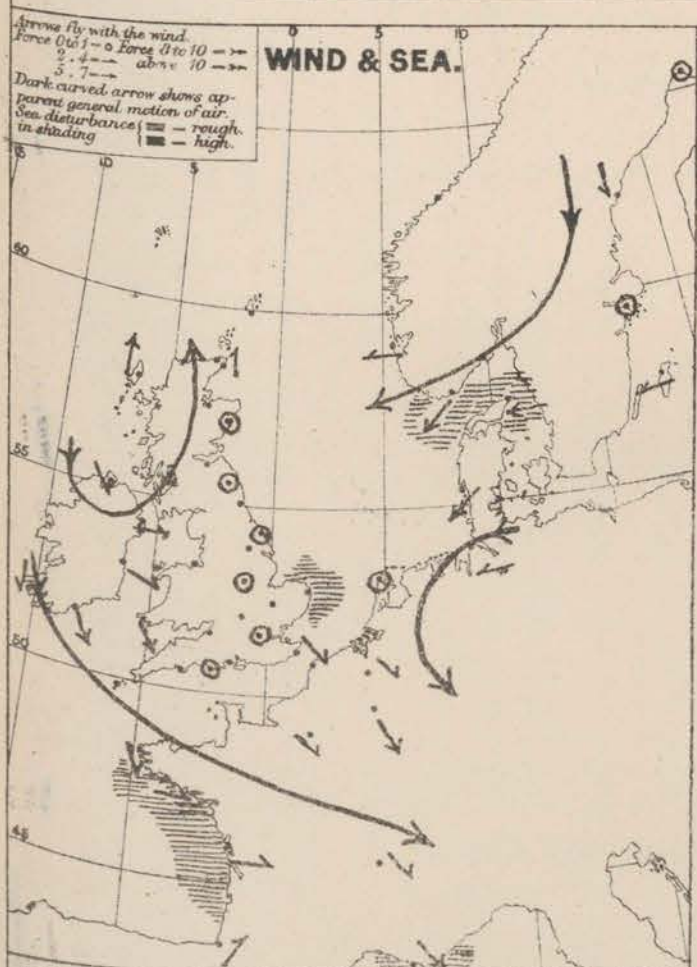
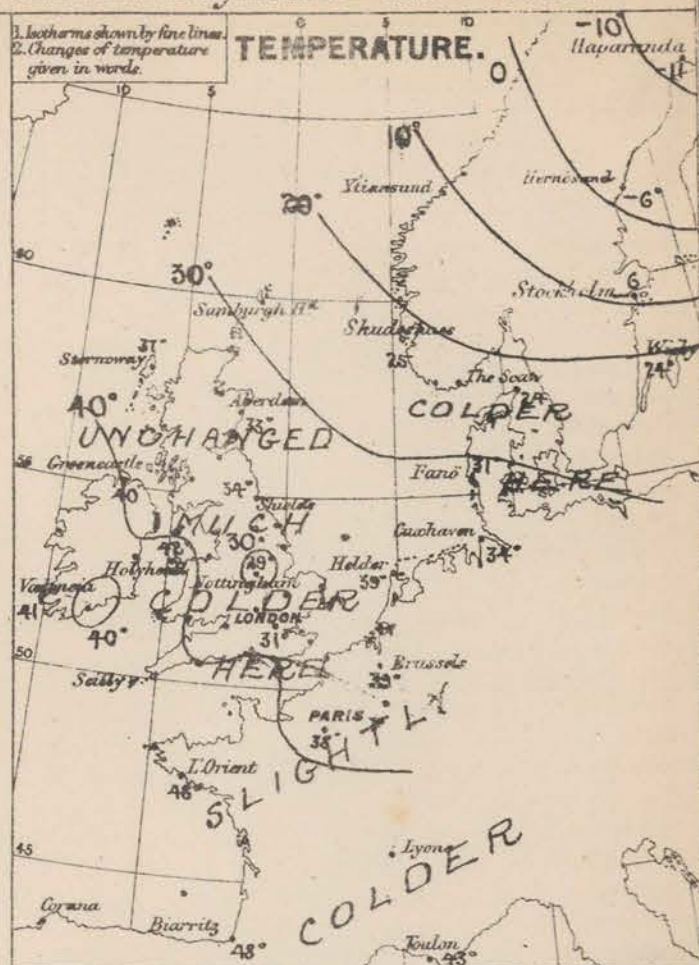
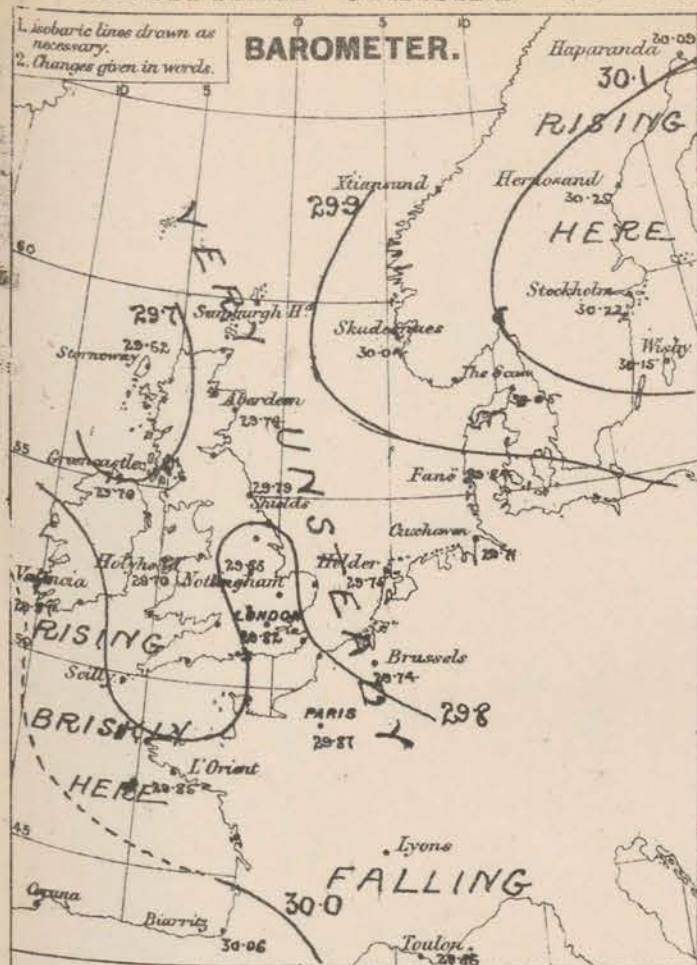
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on *Fri-day Jan^y 12th 1877.*



REMARKS. The barometer is very unsteady over the British Isles this morning, and the distribution of pressure very irregular, but the highest pressures at present reported lie over Sweden and the W. of Russia. The winds are consequently very variable over our islands, being generally NW. to N. over our W. coasts, but S. in the Channel, and N. of Scotland, while calms prevail over England, and along our E. coasts, and a strong ENE. breeze on the E. shores of the North Sea. Temperature has fallen fast over Central England, where frost prevails. The lowest readings in the shade reported over the British Isles this morning are 28° at Nottingham, 29° at Aberdeen and Exeter, and 30° in London. The lowest temperature on the grass in London was 26°. Over Sweden the weather is very cold, being 43° below the freezing point at Haparanda, and 38° below the same point at Norrunda. Haparanda is 61° colder than Rochester. Rain, or sleet, has again fallen generally, except in the N. The sky is cloudy or foggy in most places, and the weather very changeable. The sea is rough in the N. and rather so in the E., but slight & smooth elsewhere.

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

R. H. SCOTT.
Director.

Dangerfield Lun 22 Bedford St. Covent Garden

DAILY WEATHER REPORT JAN^y 13th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 520 fms. and Sea Level.	Therm. in shade.	WIND.		Weather.	Reading at 520 fms. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			Difference from 8 a.m. yesterday.	WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).				Dry.	Wet.	Dir.		Force. (0 to 12).	Max.			Min.		
Haparanda ...	30.23	-12	W	0	f	30.34	+25	-17	-17	-6	W	0	f	*	*	*	-	
Hernösand ...	30.38	-12	W	0	b	30.45	+20	-14	-15	-8	W	0	f	*	*	*	-	
Stockholm ...	30.27	2	NNE	4	b	30.32	+10	15	15	+9	NNE	4	b	*	*	*	-	
Wisby ...	30.16	25	E	6	b	30.23	+08	24	24	0	E	6	0	*	*	*	-	
Christiansund ...	30.10	24	ESE	2	b	30.17	+15	24	20	-1	ESE	3	b	2	25	21	-	
Skudesnaes ...	30.13	27	ENE	2	b	30.24	+20	24	21	-1	SE	2	a	3	27	7	-	
Oxö (Ziassand) ...	30.15	22	NE	6	0	30.25	+23	22	21	0	NE	6	0	4	7	19	-	
Skagen (The Seaw.)	30.19	24	E	5	b	30.24	+19	21	19	-3	ENE	5	b	5	25	19	-	
Fanö ...	30.12	32	ENE	4	0	30.15	+31	30	29	-1	ENE	4	e	*	32	28	-	
Cuxhaven ...	29.84	*	*	*	*	30.08	+37	34	34	0	E	3	g	*	*	*	-	
Samburgh Head																		
Stornoway ...	29.88	32	NW	1	b	29.72	+10	38	37	+1	SSE	7	cu	6	39	27	0.16	
Thurso ...	29.51	39	NW	3	c	29.84	+07	34	33	+1	SSE	3	bu	2	39	32	0.06	
Wick ...	29.54	35	SW	2	p	29.87	+16	38	36	+1	S	6	f	4	38	33	0.04	
Nairn ...	29.59	35	E	1	0	29.89	+16	32	32	-4	S	1	b	1	39	29	0.02	
Aberdeen ...	29.89	34	SW	1	0	29.93	+19	38	36	+5	S	2	0	1	39	32	0.04	
Leith ...	29.92	34	S	1	0	29.92	+20	33	33	+1	SE	2	a	*	38	34	0.03	
Shields ...	29.87	38	WSW	3	0	30.02	+23	34	33	0	E	1	f	2	39	33	-	
York ...	29.91	35	E	1	0	30.03	+22	33	33	+1	E	1	a	*	39	30	-	
Scarborough ...	29.90	39	S	1	0	30.02	+22	37	36	+1	SE	1	a	3	40	35	-	
Nottingham ...	29.92	35	W	0	0	30.03	+20	35	34	+6	ESE	1	c	*	40	28	0.03	
Ardrossan ...	29.93	33	NNE	2	b	29.93	+20	34	32	-1	E	2	om	2	37	28	0.04	
Greencastle ...	29.95	39	N	1	b	29.78	+08	39	36	-1	S	3	0	*	44	38	0.10	
Donaghadee ...	29.95	41	N	4	b	29.90	+17	37	37	-1	S	3	e	1	42	33	0.03	
Kingstown ...	29.98	48	NW	4	b	29.89	+15	40	37	-1	SSE	3	a	3	43	35	-	
Holyhead ...	29.90	40	NW	6	0	29.94	+24	35	35	-4	SW	2	c	2	44	35	0.22	
Liverpool (Bidston)	29.89	36	NW	1	0	29.99	+25	34	34	+1	SE	2	m	2	36	32	0.07	
Valencia ...	30.08	38	NW	1	c	29.69	-28	52	49	+11	SW	6	ag	4	32	36	0.02	
Roche's Point...	30.03	39	NW	3	b	29.50	-09	47	47	+8	S	6	f	5	47	35	0.15	
Pembroke ...	29.99	43	NW	5	c	29.95	+19	44	40	+3	SW	2	e	3	44	40	0.04	
Portishead ...	29.91	42	W	0	m	30.02	+24	36	36	0	N	2	c	2	43	31	0.08	
Scilly ...																		
Plymouth ...	29.96	48	NW	1	b	30.05	+31	32	32	-8	NE	2	c	*	45	31	0.33	
Hurst Castle ...	29.88	43	E	3	0	30.02	+23	39	38	-1	W	0	bu	0	46	35	0.19	
Dover ...	29.91	36	NW	3	b	30.04	+24	38	37	+2	NW	2	ag	*	39	34	-	
London ...	29.93	38	NW	1	f	30.06	+21	36	35	+6	W	0	om	*	38	30	-	
Oxford ...	*	*	*	*	*	30.03	+21	36	35	+7	SE	1	f	*	38	29	0.01	
Cambridge ...	29.90	33	NW	1	b	30.06	+24	33	33	-2	NW	1	0	*	41	30	-	
Yarmouth ...	29.88	38	NW	1	c	30.03	+26	33	32	-4	NW	1	bf	3	40	32	0.01	
The Helder...	*	*	*	*	*	30.02	+27	36	35	-1	W	0	c	*	*	*	-	
Cape Gris Nez	29.91	69	NW	1	b	30.02	+21	41	37	+2	E	1	0	0	41	37	-	
Brest ...	?	48	N	6	0	?	?	46	45	-2	N	3	0	4	50	41	-	
L'Orient ...	30.03	45	NW	5	b	30.18	+33	43	39	-5	NW	2	0	4	50	41	-	
Rocheport ...	29.89	52	NW	6	b	30.15	+22	46	43	-4	NW	5	bu	4	61	43	0.24	
Biarritz ...	30.06	55	NW	6	t	30.21	+15	56	45	+2	NW	4	e	5	54	43	0.47	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.04	+30	39	*	0	NW	1	0	*	*	*	0.01	
Charleville ...	*	*	*	*	*	?	?	38	*	-2	SW	1	0	*	*	*	*	
Paris ...	29.91	48	S	2	b	30.09	+22	35	*	-3	S	2	f	*	*	*	-	
Lyons ...	*	*	*	*	*	?	?	38	*	-1	NW	2	a	*	*	*	*	
Toulon ...	29.85	45	NW	5	c	29.90	+04	41	36	-2	NW	4	f	4	50	43	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.08	26	22	ESE	4	b	3	Valencia	30.06	44	40	NNE	3	b	4
Thurso	29.75	34	34	S	2	S	3	Scilly							
Scarborough ...	29.86	40	38	SSW	1	bu	3	London	29.86	37	36	W	0	f	*
Greencastle ...	29.87	40	38	N	4	bu	*	Rocheport ...	29.87	52	50	NNE	4	c	5
Holyhead	29.82	44	42	NNE	6	c	4								

The barometer is changing irregularly, over England and the S. of Ireland it has risen, but in the N. and NW. as well as at Rocheport it is falling. The wind is strong from N. in the St. Georges Channel. A dense fog prevails in London, and snow falls 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 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 JAN^y 7th to JAN^y 13th 1877.

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

During this period though numerous disturbances have advanced upon our coasts and the weather has been extremely unsettled, the wind has been comparatively light, no storm of any importance having occurred since the early morning of Sunday. As the direction in which the disturbances have travelled after entering our area, has been very different in the different cases, the wind has varied considerably in direction. For the first two days it was S^W, on the next two light and variable, and on the 11th fresh from E. while on the 13th breezes from S, were again experienced generally, blowing strongly in the W. Temperature has of course oscillated considerably, but the weather with the exception of Friday and Saturday was very wet and unsettled in the South East of England.

JAN^y 7th The deep depression which was advancing towards us from the S^W yesterday, had since moved slowly N^W, and its centre in which readings were about 28.5 ins lay off the W. of Ireland. The barometer was falling in nearly all places, but in the S^W a recovery had commenced during the previous night. Gradients for S^W to S^E winds were steep on all coasts, and winds from those quarters, fresh to a gale in force, were reported, while a very hard S^W gale had been experienced in the S^W. Temperature was several degrees higher except in the S^W where it had fallen somewhat as indicated by the tendency of the wind to veer to W. The sky was overcast and very heavy rain had fallen. Later Reports showed that the depression was still travelling N^W and the recovery in pressure had now reached all our stations, while the wind had veered to N. and S^W but without decreasing in force.

JAN^y 8th The centre of lowest pressure lay over the North of Scotland, where however, it was apparently becoming quickly filled up, the barometer having continued to rise over the whole of W. Europe. Pressure remained steadily highest in the S^E of France, and gradients for S^W breezes prevailed generally. They had, however, become much slighter and the winds were moderate or fresh in force except at Aberdeen, and in the S^W of France where they blew freshly. Temperature had changed very little, it was very high generally for the time of year, and at Biarritz the thermometer registered 68° at 8 am. Heavy rain accompanied by thunder and lightning had occurred, and the sky was overcast except in the N^E. During the day pressure continued to increase except in the S^E where a decrease accompanied by very heavy rain occurred.

JAN^y 9th The changes and the distribution of pressure reported were very remarkable. The disturbances noticed over Gaithores on the previous day, had passed over E^W and the barometer had risen very quickly over the N. of Scotland, while the highest readings were still found over the S. of France. In this manner a broad very shallow band of low pressure was formed over the N. and N. of these Islands, the North Sea and Scandinavia, which ~~was traversed~~ was traversed by three slight disturbances, one over North Ireland, a second near Skudesnaes, and a third over the Gulf of Bothnia. The winds varied considerably, strong N^W breezes prevailed in the N. and N^E. fresh S^E to N^W winds over France and the Channel, and light air over England. Temperature had risen slightly over France and Sweden, but fallen elsewhere. The sky was generally rather cloudy. During the day the barometer rose everywhere, but the general distribution was almost unchanged.

JAN 10TH The depressions noticed on the previous day had disappeared, and the barometer had risen more than half an inch at all the N^m and NE^m stations, and to a less extent in all parts of these Islands, but over France and the Channel a brisk fall had occurred during the night. An area of high readings lay over Scotland and except over France pressure generally was moderately uniform. Fresh S^W to SE^W breezes prevailed over the Bay of Biscay, but in England and Ireland light E^W airs, and in Scotland calms were reported. Temperature had fallen several degrees, and in the N. slight frost was experienced. The weather was generally foggy but in the N. the sky was clear. Later Reports showed a general fall of the barometer as a depression advanced from the Atlantic over Brittany.

JAN 11TH The depression the advance of which over the Bay of Biscay was noticed on the 10th had since advanced ENE^W and lay at 8 am. over the NE. of France and the Strait of Dover. It had caused a fall of the barometer in all parts of W^m Europe except Norway, and the South of France and the gradient surrounding its centre were rather steep. The winds which circulated round it were strong in force, but elsewhere light airs or calms prevailed. They were E^W to NE^W over these Islands and the North Sea, but NW^W to SW^W over France and the Netherlands. Temperature had risen fast in the N. of Scotland, but had continued to fall elsewhere, and was lower in the South than it had been for some time. Very heavy rain had fallen in the S. and at 8 am. the sky was generally overcast. In the evening a rather brisk decrease of pressure was shown in the N. and N. and some slight disturbance apparently lay off our NW Coast.

JAN 12TH During the night two slight depressions had entered our area, one laying over the W coast of Scotland, the other over the Western portion of the Channel. In the rear of the latter the barometer had risen briskly while in all other places it had fallen so that gradients for NW winds had been formed in the SW. Moderate breezes from N. prevailed on all our N^m coast, moderate to strong winds from NW over France, and from E. in Norway, and Denmark, while over Great Britain very light airs were reported. Temperature had fallen several degrees especially over Central England where a slight frost prevailed, the sky was generally cloudy or foggy. During the day the recovery noticed in the SW extended to all stations, the rise being greatest in the NW.

JAN 13TH The recovery noticed above still held over the greater part of these Islands, France, and the E^m shores of the North Sea, but on our NW Coast, a sudden and rather brisk decrease had set in during the night. With this change S^W winds had appeared in the N. and N. and were blowing ^{freshly} in the South of Ireland, but in Norway E^W and in France NW^W breezes continued, while on our E. Coast calms prevailed. Temperature was rising fast in these Islands, but falling over Scandinavia - quickly in the Gulf of Bothnia, where the weather was very cold. Rain had commenced in the SW. and the sky was generally cloudy. Later Reports showed that the disturbance was comparatively slight, and was skirting our NW Coasts, but at 6 P.M. though the barometer was rising the wind had backed to SW at Valentia pointing to new disturbances.

DAILY WEATHER REPORT JAN 14th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.41	-12	W	0	bc	30.58	+ .24	-8	-9	+ 9	S	2	bc	*	*	*	-	
Hernösand ...	30.57	-17	NNE	2	f	30.36	- .09	-10	-10	+ 4	NNE	2	f	*	*	*	-	
Stockholm ...	30.36	13	NE	2	o	30.34	+ .02	19	18	+ 4	N	2	o	*	*	*	-	
Wisby ...	30.28	26	ESE	4	s	30.32	+ .09	26	26	+ 2	E	4	s	*	*	*	-	
Christiansund ...	30.21	24	ESE	2	f	30.13	- .04	24	21	0	E	3	f	20	21	-	-	
Skudesnaes ...	30.26	28	ESE	6	o	30.15	- .09	30	27	+ 6	ESE	6	o	5	28	28	-	
Oxö (Xiänsand) ...	30.32	18	NE	6	o	30.26	+ .01	18	18	- 4	NE	6	o	4	27	12	-	
Skagen (The Seaw) ...	30.33	23	E	4	o	30.28	+ .04	23	24	+ 2	E	3	o	2	25	19	-	
Fanö ...	30.25	29	ESE	3	c	30.19	+ .04	29	30	+ 1	ESE	4	c	*	7	28	-	
Cuxhaven ...	30.16	*	*	*	*	30.12	+ .04	33	33	- 1	SE	3	o	*	*	*	-	
Sumburgh Head ...																		
Stornoway ...	29.64	41	S	8	o	29.39	- .23	43	42	+ 5	SE	5	o	5	43	35	0.03	
Thurso ...	29.75	37	SSE	5	f	29.58	- .26	40	39	+ 6	SSE	5	o	4	42	33	0.06	
Wick ...	29.80	39	S	7	o	29.59	- .28	41	40	+ 3	SSE	7	o	7	41	26	-	
Nairn ...	29.77	38	SE	1	o	29.59	- .30	36	34	+ 4	SW	1	o	1	40	32	-	
Aberdeen ...	29.88	39	S	5	o	29.66	- .22	42	40	+ 4	S	7	o	6	42	37	0.09	
Leith ...	29.87	37	S	1	o	29.63	- .29	37	36	+ 4	SW	1	o	*	39	32	0.11	
Shields ...	29.94	38	SSW	4	o	29.72	- .22	39	39	+ 5	SSW	3	o	4	40	33	-	
York ...	30.15	36	SW	1	o	29.71	- .32	40	40	+ 7	S	2	o	*	40	32	0.02	
Scarborough ...	30.01	36	SSW	2	c	29.79	- .23	40	39	+ 3	SSW	2	o	2	40	36	0.03	
Nottingham ...	30.02	38	SSE	2	o	29.77	- .26	42	42	+ 7	SSE	2	o	*	42	35	0.04	
Ardrossan ...	29.84	39	SE	2	o	29.57	- .36	42	41	+ 8	ESE	4	o	4	42	34	0.37	
Greencastle ...	29.72	41	S	7	o	29.36	- .42	45	46	+ 6	S	4	o	*	46	44	0.07	
Donaghadee ...	29.78	43	S	4	o	29.49	- .81	46	46	+ 9	S	6	o	4	46	36	0.18	
Kingstown ...	29.81	42	W	4	bc	29.62	- .37	48	47	+ 8	S	5	o	4	48	38	0.05	
Holyhead ...	29.84	43	S	4	f	29.58	- .36	46	45	+ 8	S	4	o	3	48	37	0.04	
Liverpool (Bidston) ...	29.91	39	SE	3	o	29.67	- .32	42	42	+ 8	SE	3	o	3	42	32	0.06	
Valencia ...	29.82	48	SW	3	bc	29.45	- .34	49	47	- 3	W	3	o	4	31	46	0.51	
Roche's Point... ..	29.83	49	SSW	4	bc	29.46	- .34	50	50	+ 3	WSW	4	o	4	30	42	0.34	
Pembroke ...	29.88	49	SW	3	o	29.60	- .38	49	49	+ 5	S	7	o	5	49	44	0.32	
Portishead ...	29.98	43	S	5	o	29.75	- .27	45	45	+ 9	SSE	4	o	3	47	33	0.02	
Scilly ...																		
Plymouth ...	29.95	48	SE	1	o	29.74	- .31	50	50	+ 18	S	3	o	*	51	32	0.38	
Hurst Castle ...	30.02	47	SW	3	o	29.82	- .20	51	51	+ 12	SW	5	o	4	51	35	0.08	
Dover ...	30.08	43	SSW	3	f	29.91	- .13	45	44	+ 7	S	4	o	3	46	38	0.06	
London ...	30.08	41	W	1	bc	29.84	- .22	46	46	+ 10	SSE	1	o	*	46	36	0.07	
Oxford ...	*	*	*	*	*	29.81	- .22	45	44	+ 9	SE	1	o	*	45	36	0.05	
Cambridge ...	30.07	36	S	1	o	29.83	- .23	42	42	+ 9	S	1	o	*	43	32	0.03	
Yarmouth ...	30.07	37	WNW	1	f	29.88	- .25	42	41	+ 9	S	1	o	3	42	32	0.02	
The Helder... ..	*	*	*	*	*	30.03	+ .01	37	37	+ 1	SE	2	o	*	*	*	-	
Cape Gris Nez ...	30.08	39	SSE	1	f	29.94	- .08	39	39	- 2	S	4	o	3	43	37	-	
Brest ...	?	50	W	3	f	?	?	52	50	+ 6	SW	4	o	5	52	46	0.16	
L'Orient ...	30.12	50	SW	3	f	29.96	- .22	50	50	+ 7	WSW	4	o	5	52	41	0.20	
Rochefort ...	30.23	50	WSW	2	o	30.09	- .14	52	50	+ 6	SSW	3	o	3	52	43	0.04	
Biarritz ...	30.26	55	SW	4	f	30.07	- .19	50	46	0	SSE	3	o	5	7	45	0.08	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.07	+ .03	37	*	- 2	S	1	o	*	*	*	*	
Charleville ...	*	*	*	*	*	?	?	31	*	- 7	SE	3	o	*	*	*	*	
Paris ...	30.16	40	SSW	1	bc	30.06	- .03	39	*	+ 4	S	3	o	*	*	*	-	
Lyons ...	*	*	*	*	*	?	?	43	*	- 8	S	2	o	*	*	*	*	
Toulon ...	30.01	45	NW	4	f	30.08	- .18	41	36	0	NW	4	o	4	52	41	-	

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

	Bar.	Dry.	Wet.	Wind.	Wva.	Sea.		Bar.	Dry.	Wet.	Wind.	Wva.	Sea.
Skudesnaes ...	30.23	27	24	SE	6	5	Valencia	29.80	53	49	W	3	4
Thurso	29.77	38	36	SSE	5	5	Scilly						
Scarborough ...	30.02	39	37	SSW	2	2	London	30.06	41	40	SSW	1	bc
Greencastle ...	29.70	41	39	S	2	0	Rochefort ...	30.07	48	43	WNW	3	0
Holyhead	29.87	42	41	S	5	4							

The barometer has begun to rise again at Valencia, but has fallen in Wales and on all our own coasts. The wind has risen to a strong gale from S. at Stornoway, and a fresh or strong breeze on the Welsh and Scotch coasts, but is still very light in the E.

EXPLANATION OF COLUMNS.

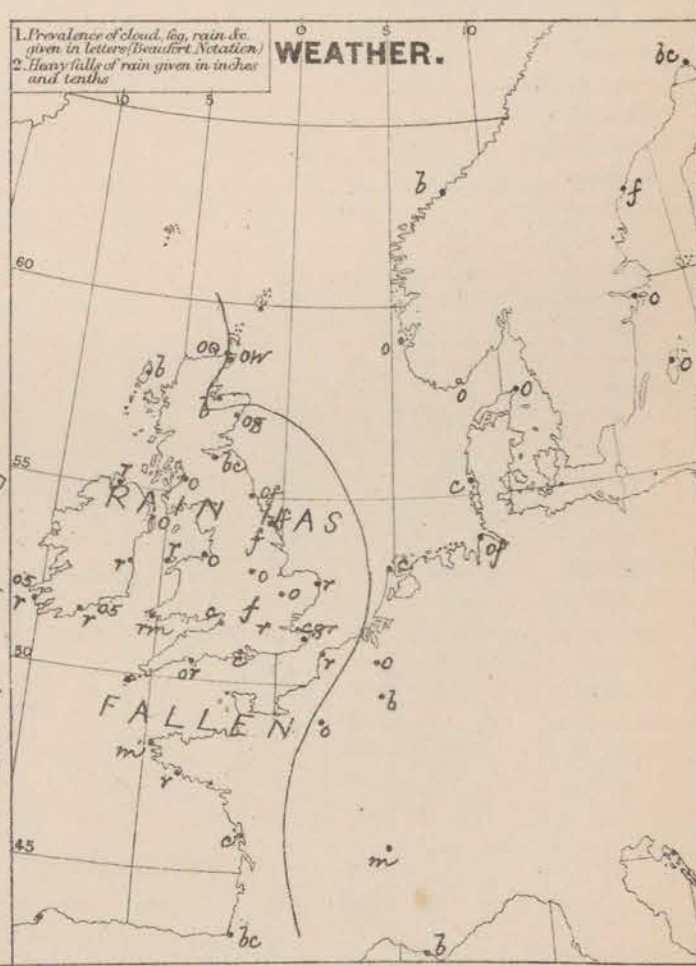
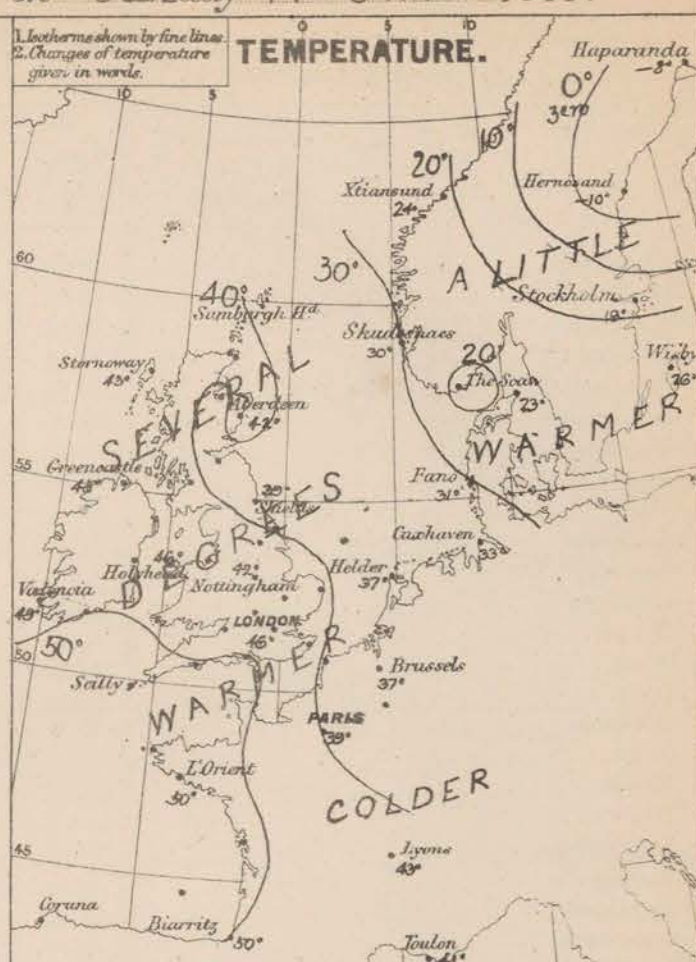
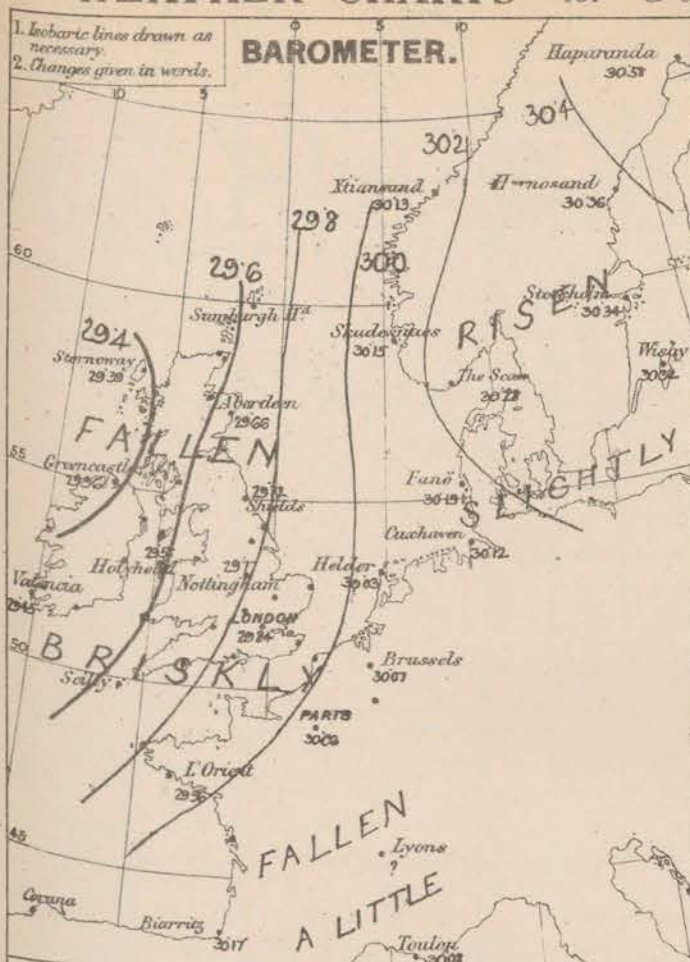
WEATHER.--Beaufort scale in b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 14TH JANY 1877.*



Butte A dotted line is drawn round these coasts which were
cautioned yesterday morning.

REMARKS. The fall of the barometer noticed over Ireland yesterday morning extended to almost all our coasts during the day. It appears to have been caused by the advance of a cyclonic area from the SWth, which passed quickly Nth and was found in the evening off the north coast of Scotland. The barometer consequently rose again over Ireland during the later part of the day but in the course of the night a fresh and very quick fall has taken place over that country, and this morning's chart shows that a second depression is lying off the western coasts. The winds are influenced by this disturbance, and are W^{ly} on the south coast of Ireland but S^{ly} over England and Scotland sweeping at Stormoway, where they draw into SE. A strong Sth gale blew in the Hebrides yesterday and the wind is at present very strong in force at many of our western and northern stations but in the east and south it remains moderate. As the Sth breeze extended over us a brisk rise of temperature occurred generally, and the weather is as much as 10° warmer in many places than it was yesterday. Rain fell very generally but not heavily, yesterday, and a little snow was observed at Nottingham and in London early this morning. The sky is overcast in nearly all places, and rain is falling at all the southern stations. The sea is rough off the Scotch coasts and in the Bay of Biscay but is moderate elsewhere. As there is at present no appearance of any recovery of pressure in the south west, and the wind does not seem inclined to veer much generally the weather must still be regarded as in a very unsettled condition. Warnings were issued to our western and northern coasts yesterday morning.

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

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT

JAN 15th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	30.56.	+19	W	20	f	30.32	-12	-9	710	-14	W	0	o	*	*	*	-		
Hernösand ...	30.44	-8	NNW	2	o	30.32	-12	1	1	+11	NNE	2	o	*	*	*	0.08		
Stockholm ...	30.21	24	ESE	2	o	30.15	-19	20	29	+11	SE	2	f	*	*	*	0.08		
Wisby ...	30.26	29	ESE	14	o	30.18	-14	29	28	+3	S	14	o	*	*	*	0.08		
Christiansund ...	29.93	29	SE	2	b	29.73	-40	20	25	+6	SSE	10	f	3	7	7	-		
Skudesnaes ...	29.85	20	ESE	7	o	29.66	-49	35	31	+5	ESE	8	o	5	7	30	-		
Oxö (Xtiansand) ...	30.02	21	NE	6	s	29.91	-35	22	22	+4	NE	6	s	4	7	16	-		
Skagen (The Seaw) ...	30.08	28	ESE	14	s	29.98	-30	32	31	+9	SE	14	o	3	7	23	-		
Fanö ...	29.86	33	SE	14	o	29.82	-37	33	33	+2	SE	14	o	*	*	30	-		
Cuxhaven ...	29.78	*	*	*	*	29.78	-34	35	35	+2	SSE	3	om	*	*	*	-		
Sumburgh Head																			
Stornoway	29.25	44	S	5	o	29.46	+27	31	31	-12	W	1	f	4	40	30	0.17		
Thurso ...	29.36	41	SSE	5	o	29.61	+23	36	35	-4	WSW	2	f	2	45	35	0.21		
Wick ...	29.36	42	SSE	6	o	29.64	+25	35	34	-6	SW	1	f	6	42	33	0.04		
Nairn ...	29.39	38	SE	1	o	29.69	+10	35	34	-1	W	2	f	2	42	35	0.11		
Aberdeen ...	29.42	40	S	5	p	29.65	+12	38	35	-4	WNW	1	f	3	44	38	0.20		
Leith ...	29.37	43	S	2	o	29.76	+13	37	36	0	WSW	3	f	*	44	35	0.07		
Shields ...	29.44	40	S	4	o	29.78	+16	38	36	-1	WNW	3	f	3	45	38	0.12		
York ...	29.48	46	S	2	p	29.86	+15	38	37	-2	WSW	2	f	*	44	37	0.25		
Scarborough ...	29.48	45	SSE	4	p	29.87	+16	38	38	0	WNW	3	f	2	45	39	0.38		
Nottingham ...	29.57	47	N	4	p	29.94	+17	38	37	-1	SSW	1	o	*	49	38	0.24		
Ardrossan ...	29.45	44	N	1	o	29.84	+17	37	35	-5	W	0	km	1	47	37	0.34		
Greencastle ...	29.44	40	N	3	o	29.80	+14	37	35	-5	W	2	o	*	46	34	0.44		
Donaghadee ...	29.57	41	N	3	o	29.87	+18	34	34	-12	S	2	bc	1	46	34	0.44		
Kingstown ...	29.61	45	N	4	c	29.95	+14	40	37	-8	SW	2	o	2	49	38	0.40		
Holyhead ...	29.55	46	N	5	m	29.94	+14	41	39	-5	N	3	bc	3	49	40	0.42		
Liverpool (Bidston) ...	29.53	43	WNW	3	o	29.91	+14	40	38	-2	WNW	4	f	4	47	39	0.12		
Valencia ...	29.82	39	NNW	4	bc	29.86	+11	48	46	-1	SW	7	o	6	57	38	0.28		
Roche's Point...	29.80	46	NNW	4	bc	29.95	+14	46	43	-4	SW	4	o	4	49	37	0.05		
Pembroke ...	29.65	47	NN	5	c	30.02	+14	44	40	-5	WNW	11	bc	4	50	40	0.33		
Portishead ...	29.59	45	SW	3	p	29.91	+16	40	39	-5	N	4	bc	5	52	37	0.45		
Scilly ...																			
Plymouth ...	29.68	45	NN	2	o	30.09	+13	37	36	-13	NN	1	f	*	52	36	0.28		
Hurst Castle ...	29.57	50	WSW	4	p	30.04	+19	41	40	-10	NNW	5	bc	5	52	38	0.40		
Dover ...	29.64	47	SSW	4	o	29.95	+14	39	37	-6	N	3	bc	3	46	37	0.28		
London ...	29.56	50	W	0	od	29.97	+13	36	35	-10	WSW	1	bc	*	50	36	0.21		
Oxford ...	*	*	*	*	*	29.98	+17	36	35	-9	N	1	bc	*	49	36	0.25		
Cambridge ...	29.56	47	S	1	o	29.93	+10	38	37	-4	NN	2	c	*	49	37	0.18		
Yarmouth ...	29.63	44	S	5	p	29.87	-07	40	39	-2	WSW	4	km	3	45	39	0.10		
The Helder... ..	*	*	*	*	*	29.66	-37	42	42	+6	N	3	c	*	45	4	0.04		
Cape Gris Nez	29.67	46	S	5	o	29.95	+01	44	39	+4	NN	5	f	4	46	36	0.12		
Brest ...	?	50	NN	5	o	?	?	46	45	-6	NN	3	c	5	52	41	0.95		
L'Orient ...	29.86	48	NN	5	p	30.25	+29	45	41	-5	NN	4	c	5	54	41	0.20		
Rochefort ...	29.98	54	WSW	6	p	30.20	+14	48	45	-4	NNW	4	c	5	55	41	0.20		
Biarritz ...	30.44	55	N	5	p	30.30	+13	54	45	+6	NN	5	c	5	57	45	0.08		
Corunna ...	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	29.88	-19	42	*	+6	N	6	o	*	*	*	0.30		
Charleville ...	*	*	*	*	*	29.87	?	40	*	+9	WSW	3	o	*	*	*	*		
Paris ...	29.79	44	S	4	o	30.07	+01	40	*	+1	N	3	f	*	*	*	0.46		
Lyons ...	*	*	*	*	*	?	?	48	*	+5	N	2	o	*	*	*	*		
Toulon ...																			

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.97	30	26	ESE	6	o	5	Valencia							
Thurso								Scilly							
Scarborough ...								London					*		
Greencastle ...							*	Rochefort ...	29.93	54	52	WSW	5	p	3
Holyhead															

EXPLANATION OF COLUMNS.

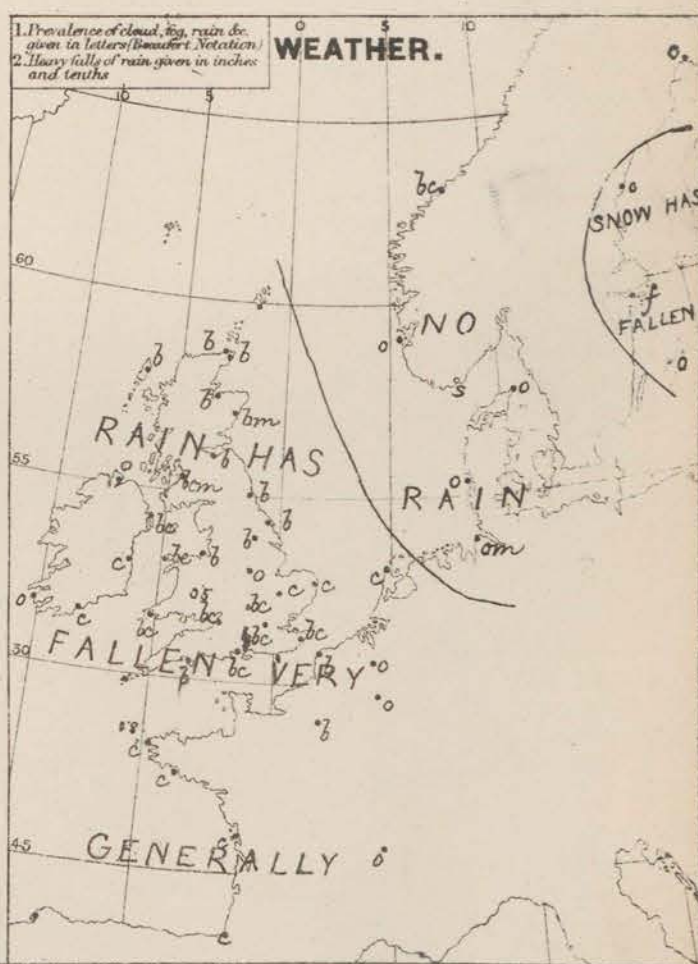
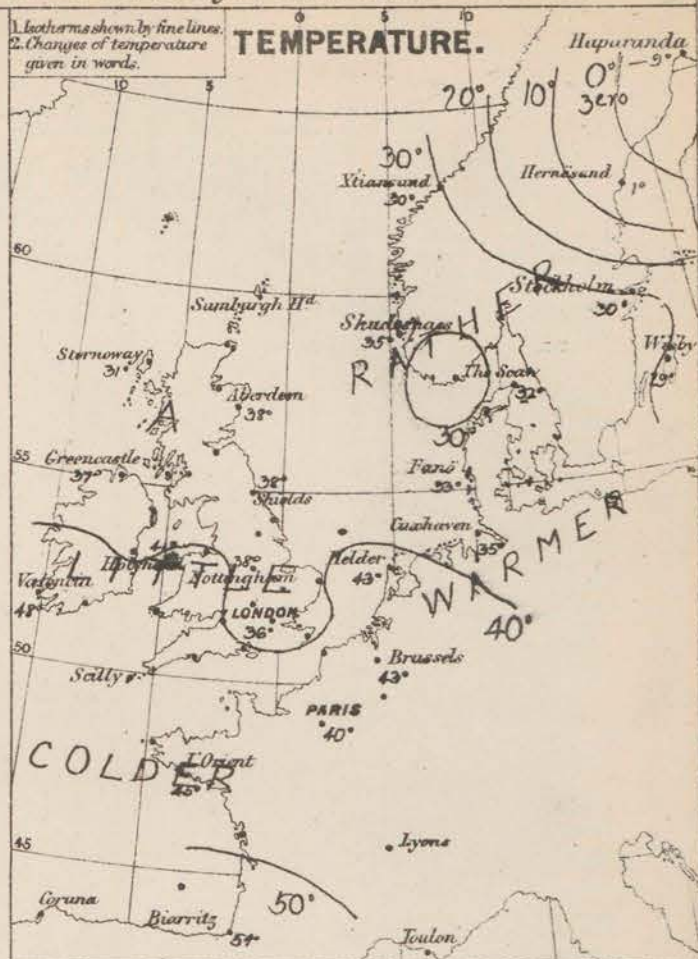
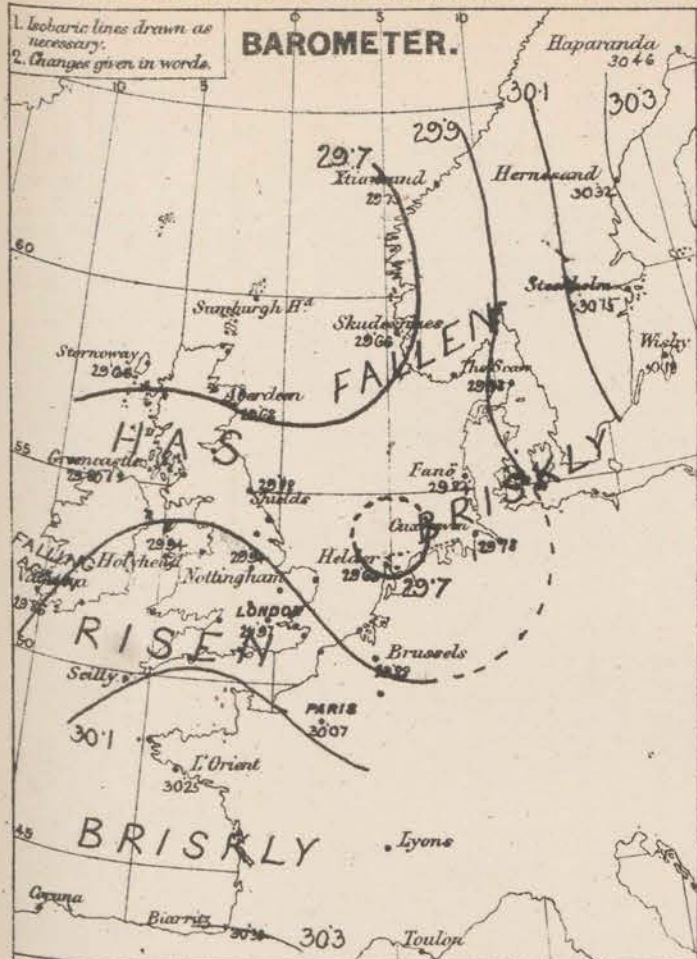
WEATHER.—Beaufort scale is, b. blue sky; a. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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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 Monday 15th JAN^y 1877.*



REMARKS. During yesterday a rather deep depression passed in a Nth direction along our western coasts, causing fresh Sth winds in Scotland and Ireland, while a small subsidiary disturbance passed from W. to E. across England, and brought heavy and continuous rain to the English stations. Both depressions are shown this morning; the longer lying over the North Sea to the NEth of Scotland, and the secondary off the British coasts. The barometer is consequently falling fast over Denmark and Norway, while over the greater part of these Islands and France a brisk recovery is in progress. In the south of Ireland, however, a fresh decrease has set in. The wind is fresh from SW. at Valentia, and from SE. on the eastern shores of the North Sea but over England and France moderate W. to NW. breezes are reported and over Scotland calms. Temperature has fallen several degrees over these Islands and the west of France but risen elsewhere. At Valentia, however, it is now rising again quickly, an increase of 9° having occurred during the night. Rain has fallen at nearly all places, and slight snow seen at Nottingham and in London yesterday morning. The weather is now overcast or cloudy in Ireland and on the Continent generally but over Great Britain the sky has cleared considerably. The sea is rough in the south west and north east, but is moderate to slight elsewhere.

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

R. H. SCOTT.
Director

DAILY WEATHER REPORT JAN^Y 16TH 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.	
			Dirco.	Force. (0 to 12).		Reading at 320 P. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.36	3	S	4	be	30.29	- .17	9	9	+ .18	S	4	be	*	*	*	-	
Hernösand ...	30.22	23	SE	4	S	30.22	- .10	27	27	+ .26	S	4	S	*	*	*	0.12	
Stockholm ...	30.17	28	ESE	2	o	30.21	+ .06	28	28	- .2	SSE	2	o	*	*	*	-	
Wisby ...	30.20	30	S	2	o	30.25	+ .07	28	27	- .1	S	4	o	*	*	*	-	
Christiansund ...	29.73	38	SSE	3	o	29.95	+ .22	35	32	+ .5	S	3	b	4	37	28	-	
Skudesnaes ...	29.91	33	E	4	S	30.02	+ .36	32	30	- .3	SE	2	be	?	?	?	-	
Oxö (Xtiansand) ...	29.92	26	NE	6	S	30.06	+ .15	29	28	+ .7	NNE	4	o	3	?	?	-	
Skagen (The Saaw) ...	29.99	38	SSE	3	S	30.06	+ .08	32	21	o	SSE	3	o	3	?	28	0.04	
Fanö ...	29.92	33	SVV	4	o	30.11	+ .29	36	36	+ .3	W	4	o	*	?	32	0.04	
Cuxhaven ...	29.80	*	*	*	*	30.17	+ .39	37	37	+ .2	WSW	1	be	*	*	*	0.04	
Sumburgh Head																		
Stornoway																		
Thurso ...	29.79	31	W	o	b	29.46	- .20	45	44	+ .14	SSW	8	p	6	45	29	-	
Wick ...	29.84	35	W	o	b	29.60	- .01	39	38	+ .3	SSE	4	cm	3	39	33	0.02	
Nairn ...	29.95	35	NW	2	c	29.62	- .02	41	40	+ .6	S	3	be	4	41	33	-	
Aberdeen ...	29.86	34	W	o	b	29.63	- .06	41	39	+ .6	SSE	1	o	2	41	32	-	
Leith ...	29.88	37	W	o	b	29.71	+ .03	42	41	+ .4	S	3	o	2	42	34	0.02	
Shields ...	29.90	39	WSW	3	o	29.75	- .04	45	43	+ .8	SW	3	o	*	43	36	0.04	
York ...	29.95	41	SW	1	o	29.86	+ .08	43	41	+ .5	SW	2	of	2	43	37	0.11	
Scarborough ...	30.00	40	SW	1	o	29.95	+ .09	45	43	+ .7	SSW	1	o	*	46	36	0.11	
Nottingham ...	30.02	39	W	3	c	29.93	+ .12	44	43	+ .4	SSW	3	b	2	44	38	0.04	
Ardrossan ...	30.06	39	S	2	o	30.04	+ .07	45	44	+ .7	SSW	3	c	*	?	38	0.02	
Greencastle ...	29.85	38	ENE	2	o	29.74	- .10	46	43	+ .9	S	3	c	3	47	37	0.20	
Donaghadee ...	29.70	40	S	1	o	29.62	- .18	45	44	+ .8	SSW	3	o	*	46	35	0.21	
Kingstown ...	29.77	42	SSW	3	o	29.76	- .11	43	43	+ .9	SSW	4	p	3	44	33	0.25	
Holyhead ...	29.87	49	WSW	3	c	29.82	- .13	46	44	+ .6	SSE	4	c	3	49	39	0.02	
Liverpool (Bidston) ...	29.84	46	SSW	2	p	29.87	- .07	47	46	+ .6	SSW	4	c	3	50	40	0.40	
Valencia ...	29.93	41	SE	3	o	29.92	+ .01	43	41	+ .3	S	2	c	2	47	39	0.24	
Roche's Point ...	29.84	50	NNW	4	o	29.75	- .11	52	52	+ .4	SW	6	p	5	53	46	0.10	
Pembroke ...	29.98	40	WSW	5	be	29.86	- .09	57	55	+ .5	SW	5	of	5	51	46	0.35	
Portishead ...	29.94	49	SSW	5	o	29.97	- .05	49	46	+ .5	SW	4	c	4	50	46	0.03	
Scilly ...	30.00	45	SSW	3	o	30.04	+ .13	44	42	+ .4	?SSW	4	b	3	49	38	-	
Plymouth ...	30.08	49	SW	5	o	30.08	- .01	41	41	+ .4	SW	1	cm	*	51	36	0.04	
Hurst Castle ...	30.11	48	SW	3	o	30.07	+ .06	37	50	+ .10	SW	5	be	4	51	39	0.03	
Dover ...	30.14	39	W	3	b	30.15	+ .20	47	46	+ .8	SSW	4	cg	3	48	37	0.04	
London ...	30.13	42	WSW	1	cm	30.09	+ .12	49	48	+ .13	SSW	3	o	*	49	36	-	
Oxford ...	*	*	*	*	*	30.06	+ .08	45	45	+ .9	SW	1	b	*	47	36	0.04	
Cambridge ...	30.09	35	WSW	1	b	30.07	+ .14	44	44	+ .6	SSW	1	d	*	46	34	0.04	
Yarmouth ...	30.07	43	WWSW	2	b	30.10	+ .29	44	43	+ .4	SSW	3	cm	3	44	35	-	
The Helder ...	*	*	*	*	*	30.17	+ .57	40	39	- .3	SSE	1	c	*	*	*	-	
Cape Gris Nez	30.14	43	W	4	b	30.17	+ .22	43	41	o	S	4	o	3	46	39	-	
Brest ...	?	50	SW	4	p	?	?	52	48	+ .6	W	2	o	5	52	45	0.04	
L'Orient ...	30.24	46	WSW	3	c	30.23	- .02	48	48	+ .3	W	2	c	5	52	43	0.08	
Rocheport ...	30.29	32	WWSW	2	be	30.29	+ .06	46	46	- .2	SW	3	o	3	44	43	-	
Biarritz ...	30.36	27	WSW	3	p	30.32	+ .02	46	45	- .8	SW	2	p	7	54	43	0.71	
Corunna ...	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	30.27	+ .39	35	*	- .8	SSW	3	b	*	*	*	0.02	
Charleville ...	*	*	*	*	*	? 30.28	+ .41	35	*	- .5	NNW	3	o	*	*	*	*	
Paris ...	30.20	41	W	2	b	30.32	+ .25	33	*	- .7	SSE	2	c	*	*	*	-	
Lyons ...	*	*	*	*	*	?	?	44	*	- .4	N	2	b	*	*	*	*	
Toulon ...	30.03	45	NW	5	be	30.08		41	34		NW	4	c	5	48	?	-	

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.80	32	32	E	8	3	5	Valencia	29.77	31	30	WSW	5	c	5
Thurso	29.76	37	36	SW	2	c	3	Scilly							
Scarborough ...	29.96	43	39	WNW	3	b	2	London	30.09	44	40	SW	1	b	*
Greencastle ...	29.76	37	36	SE	2	p	*	Rocheport ...	30.29	52	48	WNW	3	b	3
Holyhead	29.92	42	41	S	2	d	2								

The fall of the barometer noticed in the S.W. this morning has since extended to all the more Western stations, but in the E. the mercury still rises. At Valencia a recovery has commenced since Nov.

EXPLANATION OF COLUMNS.

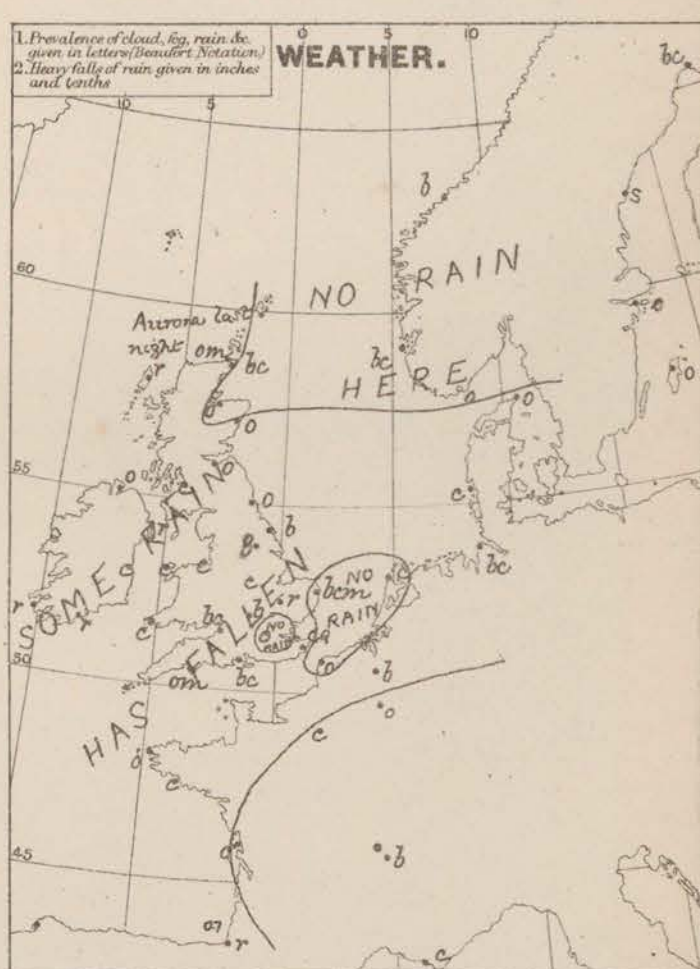
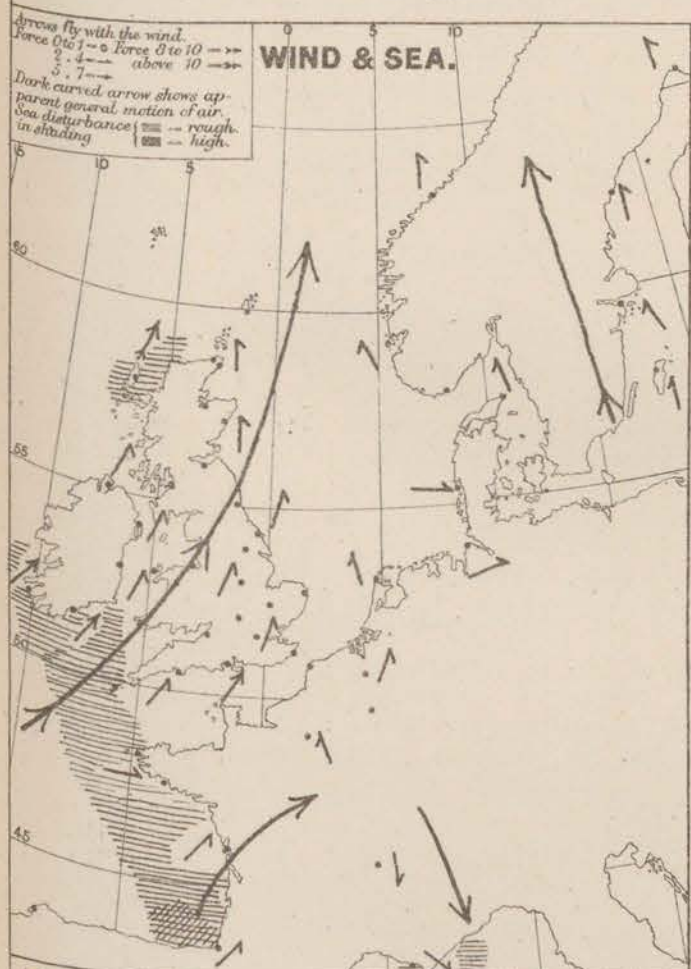
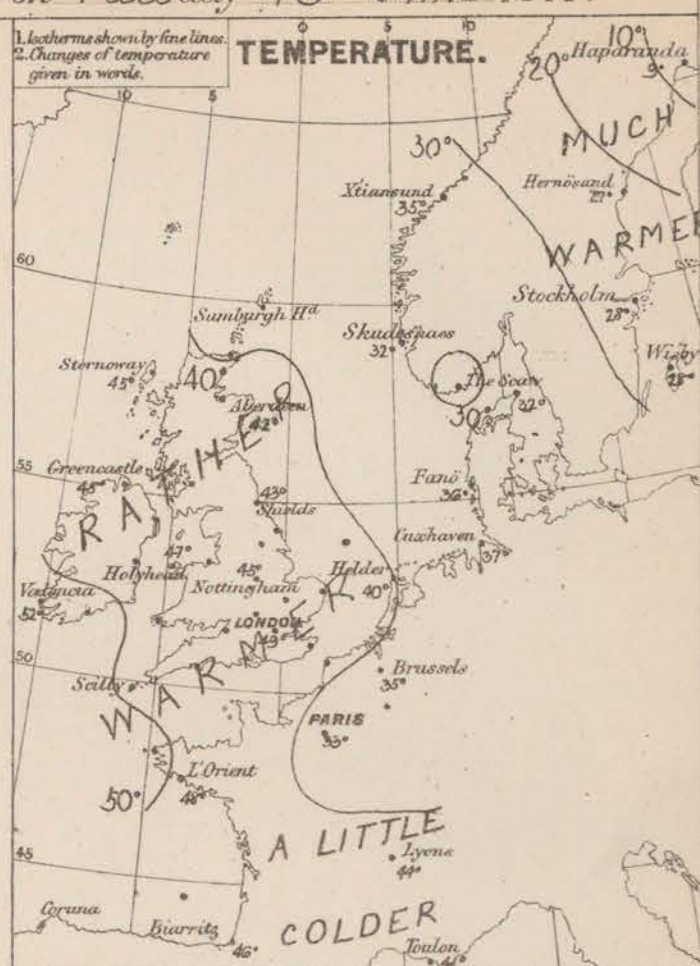
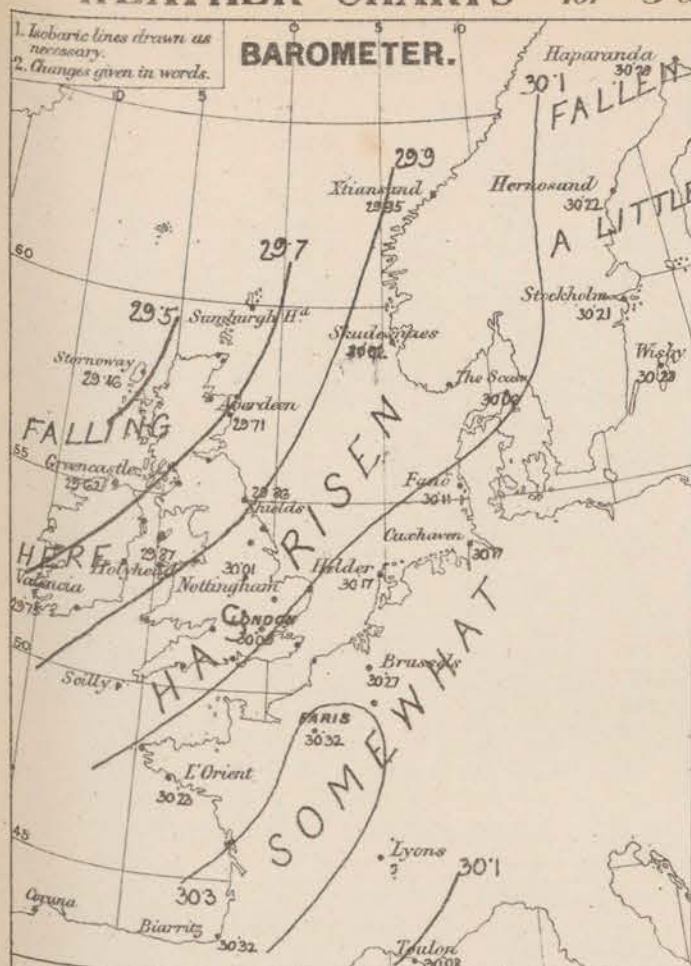
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 16TH JANY 1877.*



REMARKS. The two depressions noticed over the North Sea yesterday have apparently travelled in a $N\frac{1}{2}E$ direction. The larger one has entirely disappeared, but the smaller, though almost filled up is shown over the Røger Rack. The mercury has consequently risen briefly during the past night in Norway, Denmark and North Germany but in these islands pressure continues in a very unsettled state and fresh disturbances are advancing on our western and north western coasts. The lowest readings lie to the NW of Scotland, while the highest are found over Central France, so that gradients for SW winds prevail generally. Winds from that quarter are reported on all our coasts, and, though fresh or strong in force in the extreme west, are light or moderate elsewhere. In the east of France the wind continues NW. Temperature has risen except over France, and is again high over these islands. Stormy (Hebrides) is 12° higher than Paris, and 4° higher than London. The sky is overcast or cloudy generally, and rain is falling in Ireland. Snow was seen in the north of Scotland last evening. The sea is rough in the west but moderate to slight elsewhere.

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R. H. SCOTT.
Director.

DAILY WEATHER REPORT JAN^y 17th 1877.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).			Reading at 32° F. and Sea Level.	Difference from yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).				Max.	Min.	
Haparanda ...	30.30	14	SE	4	0		30.34	+ .05	21	20	+ 12	S	2	0	*		*	*	
Hernösand ...	30.27	26	SW	2	0		30.29	+ .07	26	26	- 1	SW	2	0	*		*	*	0.04
Stockholm ...	30.22	28	Z	0	5		30.18	- .04	27	27	- 1	Z	0	f	*		*	*	0.12
Wisby ...	30.28	26	S	4	0		30.27	+ .02	33	33	+ 5	S	2	0	*		*	*	0.04
Christiansund ...	29.82	34	ESE	6	60		29.78	- .17	40	35	+ 5	SE	5	0	3	41	30	-	
Skudesnaes ...	29.93	28	SE	6	0		29.89	- .13	40	38	+ 8	SE	6	0	4	?	32	0.16	
Oxö (Xiansand) ...	30.12	30	NE	6	5		30.02	- .10	32	31	+ 3	ESE	6	m	0	?	28	-	
Skagen (The Seaw) ...	30.19	32	SE	2	0		30.10	+ .04	33	33	+ 1	S	4	f	3	34	28	0.08	
Fanö ...	30.15	37	NSW	4	0		30.11	.00	36	36	0	S	4	c	*	32	34	0.04	
Cuxhaven ...	30.22	*	*	*	*		30.16	- .04	35	35	- 2	SSW	3	be	*	3	*	*	
Sumburgh Head																			
Stornoway	29.45	44	SW	5	0		29.51	+ .05	42	40	- 3	SSW	5	c	5	48	37	0.15	
Thurso ...	29.49	45	S	4	0		29.58	- .02	35	34	- 4	S	1	bc	2	47	36	0.08	
Wick ...	29.54	35	N	2	6		29.59	- .03	41	40	0	S	1	be	3	45	39	0.04	
Nairn ...	29.43	48	E	1	6		29.61	- .02	35	33	- 6	Z	0	f	1	38	35	-	
Aberdeen ...	29.62	45	S	3	c		29.62	- .09	41	40	- 1	SSW	1	c	2	46	41	0.07	
Leith ...	29.65	37	SW	3	P		29.66	- .09	38	38	- 7	Z	0	a	*	34	37	0.11	
Shields ...	29.77	47	SSW	5	0		29.70	- .16	43	42	0	N	2	P	3	50	43	0.18	
York ...	29.88	44	S	2	0		29.71	- .24	50	49	+ 5	S	3	0	*	50	43	-	
Scarborough ...	29.89	47	SW	3	0		29.71	- .22	50	49	+ 6	S	3	0	3	50	43	-	
Nottingham ...	29.95	48	S	5	0		29.75	- .26	51	50	+ 6	S	4	f	*	52	44	-	
Ardrossan ...	29.67	47	SSW	3	*		29.68	- .06	42	40	+ 4	SSE	3	c	3	50	41	0.42	
Greencastle ...	29.63	48	N	1	P		29.58	- .04	41	40	- 4	S	2	0	*	49	34	0.07	
Donaghadee ...	29.70	44	SSW	3	be		29.68	- .08	42	42	+ 1	S	4	c	2	49	37	0.17	
Kingstown ...	29.75	53	SW	3	0		29.71	- .11	44	42	- 2	S	1	c	1	54	42	0.10	
Holyhead ...	29.80	50	SSW	2	P		29.73	- .14	44	43	- 3	SSW	1	m	1	52	43	0.04	
Liverpool (Biston) ...	29.84	49	SSE	2	0		29.73	- .19	42	41	- 1	S	1	0	1	53	41	0.41	
Valencia ...	29.79	49	N	3	0		29.65	- .10	44	43	- 8	N	5	ty	4	54	42	0.06	
Roche's Point ...	29.80	57	WSW	4	a		29.69	- .17	47	46	- 4	WSW	5	P	4	57	46	0.45	
Pembroke ...	29.89	50	SW	5	0		29.76	- .21	46	45	- 3	WSW	1	c	4	50	43	0.44	
Portishead ...	29.96	57	S	4	f		29.64	- .40	49	49	+ 5	SW	5	f	3	53	41	0.17	
Scilly ...																			
Plymouth ...	30.00	50	SW	2	0		29.76	- .32	48	48	+ 7	NN	1	0	*	53	40	0.49	
Hurst Castle ...	30.05	57	SW	5	0		29.82	- .25	51	51	0	WSW	6	om	5	52	47	0.10	
Dover ...	30.12	49	WSW	4	c		29.96	- .19	49	48	+ 2	SSW	5	ddy	4	49	47	0.19	
London ...	30.06	50	SSW	2	0		29.87	- .22	51	50	+ 2	S	4	0	*	53	49	0.02	
Oxford ...	*	*	*	*	*		29.80	- .26	51	50	+ 6	SSW	4	0	*	51	46	0.02	
Cambridge ...	30.00	48	SSW	3	0		29.83	- .24	51	49	+ 7	S	3	0	*	54	44	0.02	
Yarmouth ...	30.04	46	SSW	4	be		29.92	- .20	48	48	+ 4	SSW	4	cm	3	48	43	0.01	
The Helder ...	*	*	*	*	*		30.03	- .44	40	39	0	S	2	0	*	*	*	*	
Cape Gris Nez	30.13	? 48	SW	5	be		29.98	- .19	46	46	+ 3	S	5	f	4	48	46	0.04	
Brest ...	?	52	SW	4	m		?	?	52	50	0	SSW	4	f	6	52	48	0.12	
L'Orient ...	30.19	52	SW	3	m		29.99	- .24	52	52	+ 4	SW	5	f	5	54	46	0.04	
Rocheport ...	30.24	48	SW	2	f		30.13	- .16	48	46	+ 2	SSE	4	f	3	54	41	0.20	
Biarritz ...	30.29	?	SW	3	c		30.19	- .13	48	46	+ 2	Z	0	c	5	54	43	0.12	
Corunna ...	*	*	*	*	*											*	*	*	
Brussels ...	*	*	*	*	*		30.13	- .14	39	*	+ 4	S	3	be	*	*	*	*	
Charleville ...	*	*	*	*	*		? 30.16	- .12	32	*	- 3	NNW	3	be	*	*	*	*	
Paris ...	30.28	42	S	2	be		30.15	- .17	37	*	+ 4	SSE	3	0	*	*	*	*	
Lyons ...	*	*	*	*	*		?	?	39	*	- 5	N	2	f	*	*	*	*	
Toulon ...	30.19	46	NN	4	be		30.21	+ .13	43	39	+ 2	SSE	2	be	3	46	39	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.95	35	32	ESE	6	0	4	Valencia	29.75	57	50	WSW	5	0	5
Thurso	29.46	42	41	S	5	0	4	Scilly							
Scarborough ...	29.86	46	44	SW	4	0	3	London	30.07	52	49	SSW	2	0	*
Greencastle ...	29.57	49	48	S	1	0	*	Rocheport ...	30.27	50	50	ESE	2	0	3
Holyhead	29.81	49	49	SSW	4	2	3								

The barometer has continued to fall since the morning at all stations except Valencia where it has remained steady, the wind having veered to WSW, and the rain ceased.

EXPLANATION OF COLUMNS.

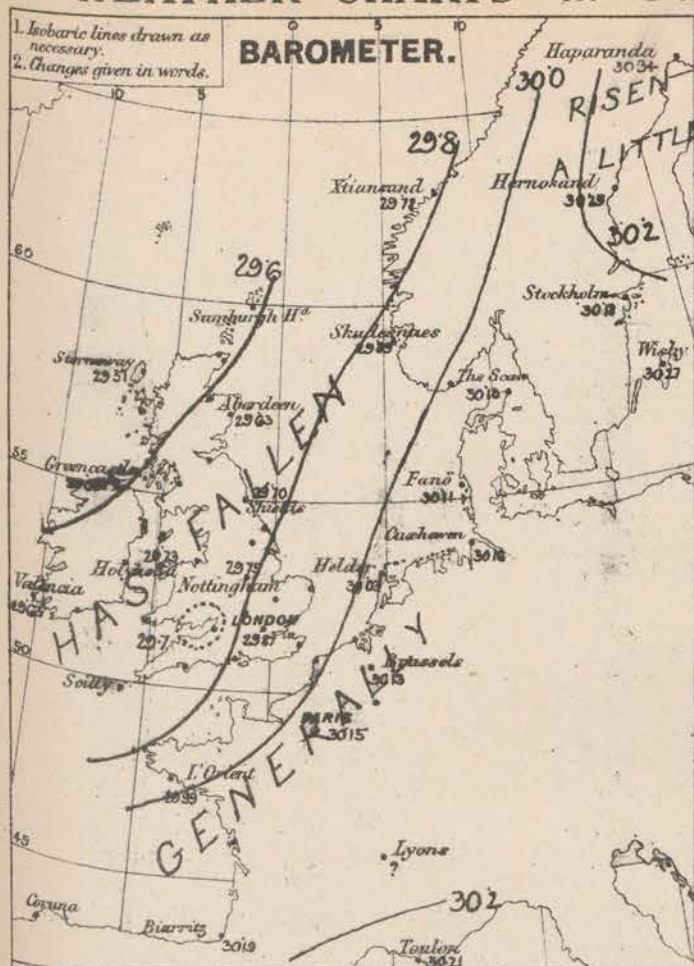
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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WEATHER CHARTS for 8 a.m. on Wednesday 17th JAN^y 1877.



DAILY WEATHER REPORT JAN^Y 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.	
			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 ...	30.35	12	S	4	o	30.31	-.03	20	20	-1	S	4	o	*	*	*	-	
Hernösand ...	30.28	27	S	4	o	30.28	-.01	28	28	+2	SSE	6	o	*	*	*	0.04	
Stockholm ...	30.26	27	Z	o	o	30.26	+ .08	30	29	+3	SE	2	f	*	*	*	-	
Wisby ...	30.28	30	ESE	2	o	30.29	+ .02	33	32	o	S	4	o	*	*	*	-	
Christiansund ...	29.67	43	ESE	4	o	29.73	-.05	42	39	+2	SE	1	e	5	?	36	-	
Skudesnaes ...	29.78	40	SE	8	f	29.81	-.08	39	39	-1	SE	6	off	5	41	39	0.79	
Oxö (Xiansand) ...	29.99	34	ENE	4	f	29.98	-.04	35	35	+3	SE	4	f	3	?	32	-	
Skagen (The Scaw) ...	30.08	35	SSW	3	o	30.08	-.02	33	33	o	SSW	4	o	3	?	30	0.04	
Fanö ...	30.08	37	SSW	*	*	30.07	-.04	31	31	-5	S	4	be	*	37	30	-	
Cuxhaven ...	30.11	*	*	*	*	30.09	-.07	30	29	-5	S	2	f	*	*	*	-	
Sumburgh Head																		
Stornoway	29.48	38	SSW	5	f	29.10	-.41	44	39	+2	SE	7	o	7	45	35	0.06	
Thurso ...	29.53	36	Z	o	f	29.35	-.23	37	36	+2	SSE	4	o	3	41	32	-	
Wick ...	29.56	38	W	1	be	29.37	-.22	40	38	-1	SSE	5	o	4	42	36	-	
Nairn ...	29.57	38	SSW	2	f	29.38	-.23	41	38	+6	SSW	3	o	2	44	33	-	
Aberdeen ...	29.60	40	SSW	2	f	29.46	-.16	41	40	o	S	7	be	4	42	34	-	
Leith ...	29.63	43	SW	2	o	29.47	-.19	39	37	+1	S	3	o	*	46	33	-	
Shields ...	29.71	44	Z	o	be	29.63	-.07	40	39	-3	SSW	2	off	2	45	40	0.02	
York ...	29.74	43	W	2	be	29.70	-.04	40	39	-10	S	4	o	*	57	38	0.44	
Scarborough ...	29.75	44	SW	1	f	? 29.70	-.05	40	39	-10	SSW	3	o	2	50	38	0.10	
Nottingham ...	29.80	43	SSW	1	o	29.75	-.05	41	40	-10	S	4	od	*	57	38	0.11	
Ardrossan ...	29.65	44	WSW	2	be	29.37	-.31	44	42	+2	SSE	6	f	5	44	36	0.09	
Greencastle ...	29.62	38	W	2	f	29.16	-.42	46	45	+3	SSE	5	o	*	46	?	0.63	
Donaghadee ...	29.68	37	W	3	f	29.32	-.36	46	46	+4	S	7	f	5	46	35	0.20	
Kingstown ...	29.74	44	SW	3	f	29.37	-.34	47	47	+3	S	5	f	4	47	40	0.10	
Holyhead ...	29.73	44	W	3	f	29.45	-.28	46	45	+2	SSE	6	m	4	48	41	0.05	
Liverpool (Bidston) ...	29.75	45	S	2	o	29.59	-.14	41	40	-1	ESE	3	o	2	46	37	-	
Valencia ...	29.69	45	SSW	3	o	29.27	-.38	50	47	+6	SW	5	o	4	52	42	0.41	
Roche's Point ...	29.76	42	W	4	be	29.31	-.45	57	57	+4	SSW	7	f	5	52	41	0.29	
Pembroke ...	29.79	47	W	3	f	29.52	-.26	48	47	+2	SSE	8	o	6	49	44	0.04	
Portishead ...	29.80	46	WSW	3	o	29.71	+ .07	47	46	-2	SSE	6	o	4	50	38	0.13	
Scilly ...																		
Plymouth ...	29.84	47	WSW	1	f	29.71	-.13	50	49	+2	SSW	5	o	*	57	41	0.02	
Hurst Castle ...	29.93	50	WSW	3	f	29.80	-.13	50	49	-1	SW	5	ca	5	52	45	0.18	
Dover ...	29.89	48	SW	5	o	29.91	-.02	48	47	-1	SW	4	be	4	50	45	0.25	
London ...	29.84	51	SSW	2	o	29.84	-.03	44	44	-7	S	2	be	*	52	40	-	
Oxford ...	*	*	*	*	*	29.79	-.05	43	42	-8	SSE	2	o	*	*	*	0.14	
Cambridge ...	29.80	49	S	1	o	29.83	-.03	43	43	-8	S	1	o	*	52	37	0.08	
Yarmouth ...	29.84	47	SSW	5	o	29.87	-.03	43	43	-5	SSW	3	be	2	49	42	0.05	
The Helder ...	*	*	*	*	*	29.97	-.06	36	35	-4	SSE	2	o	*	*	*	-	
Cape Gris Nez ...	29.89	46	S	5	P	29.94	-.04	46	46	o	SSW	3	o	3	48	46	0.12	
Brest ...	?	52	W	3	be	?	?	52	50	o	SSW	4	f	5	52	46	0.47	
L'Orient ...	30.00	48	SW	3	o	29.91	-.08	50	50	+2	SSW	4	o	5	54	45	0.32	
Rochefort ...	30.03	52	SW	5	f	? 30.04	-.09	46	46	-2	SSE	4	f	3	50	43	0.43	
Biarritz ...	30.12	?	SSW	3	f	30.07	-.12	48	46	o	Z	o	?	7	55	43	0.64	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.03	-.10	37	*	-2	S	3	o	*	*	*	*	
Charleville ...	*	*	*	*	*	? 30.06	-.10	32	*	o	SSE	3	o	*	*	*	*	
Paris ...	30.02	43	S	3	P	30.04	-.11	44	*	+7	S	3	o	*	*	*	0.08	
Lyons ...	*	*	*	*	*	?	?	37	*	-2	E	2	f	*	*	*	*	
Toulon ...	30.17	45	W	2	f	30.17	-.04	43	37	o	W	1	f	2	54	43	-	

YESTERDAY'S 2 P.M. REPORTS AND REMARKS

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	29.77	40	39	SE	6	o	Valencia	29.71	47	44	WSW	4	bc	4
Thurso	29.31	40	39	SSE	2	o	Scilly							
Scarborough ...	29.69	48	47	WSW	1	off	London	29.81	52	57	S	2	od	*
Greencastle ...	29.56	42	41	SSW	2	o	Rochefort ...	30.08	52	50	S	4	r	3
Holyhead	29.69	47	46	S	3	r								

The barometer is falling slowly on all coasts. The wind continues W in the SW and S elsewhere.

EXPLANATION OF COLUMNS.

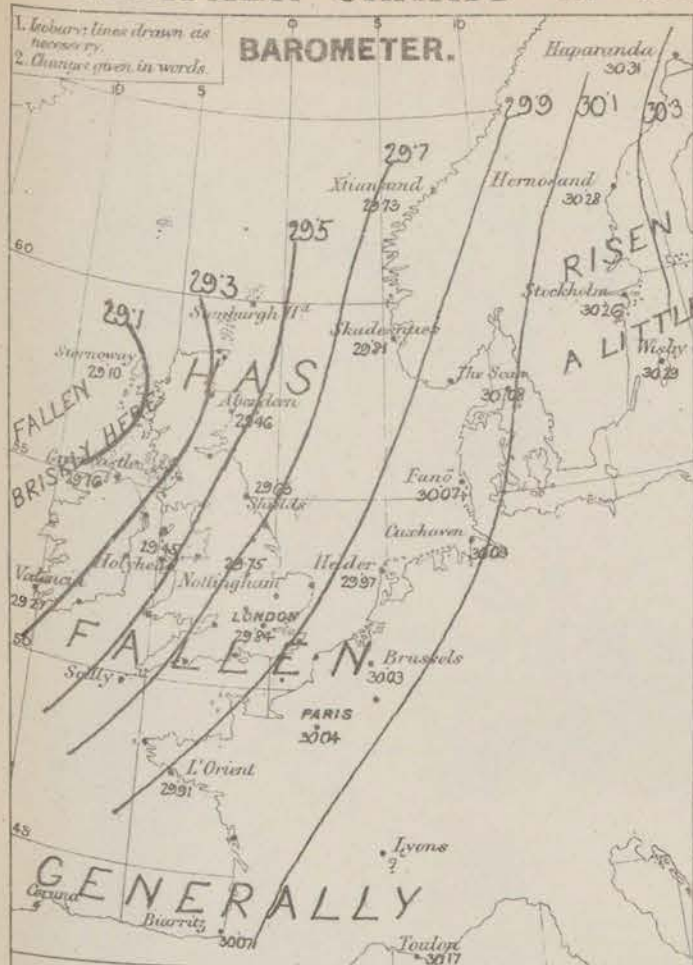
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Thursday 18th JAN^y 1877.



DAILY WEATHER REPORT JAN 19th 1877.

STATIONS.	† YESTERDAY EVENING.					3 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 32° F. yesterday.	Dry.	Wet.	Difference from 32° F. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.38	17	S	4	o	30.40	+ .09	4	4	- 16	SSE	4	o	*	*	*	-	
Hernösand ...	30.31	29	SE	8	S	30.31	+ .03	28	28	o	S	6	o	*	*	*	0.08	
Stockholm ...	30.31	29	SSE	4	o	30.34	+ .08	31	30	+ 1	SSE	4	f	*	*	*	-	
Wisby ...	30.34	32	S	11	o	30.41	+ .12	28	27	- 5	S	4	o	*	*	*	-	
Christiansund ...	29.65	46	SE	6	o	29.61	- .12	44	37	+ 2	SSE	3	e	4	46	39	-	
Skudesnaes ...	29.78	39	SE	8	f	29.72	- .09	39	37	o	SE	8	f	8	39	?	0.79	
Oxö (Xtiansand) ...	30.04	35	SE	14	o	29.96	- .02	34	32	- 1	SE	6	f	4	36	32	-	
Skagen (The Seaw) ...	30.11	33	S	5	c	30.09	+ .01	33	32	o	S	6	o	6	34	30	-	
Fanö ...	30.07	32	S	6	o	30.02	- .05	32	32	+ 1	SSE	6	o	*	34	30	-	
Cuxhaven ...	30.10	*	*	*	*	30.06	- .03	36	35	+ 6	S	4	o	*	2	2	-	
Sumburgh Head																		
Stornoway	29.22	39	SSH	2	f	29.36	+ .26	32	31	- 12	SH	2	f	4	47	31	0.08	
Thurso ...	29.27	41	S	3	bc	29.41	+ .06	35	34	- 2	S	1	cm	2	38	33	-	
Wick ...	29.32	44	SSH	2	bc	29.42	+ .05	38	37	- 2	Z	0	m	2	46	36	-	
Nairn ...	29.31	44	SSH	1	f	29.42	+ .04	37	35	- 4	Z	0	f	1	45	36	-	
Aberdeen ...	29.34	44	S	6	bc	29.44	- .02	42	41	+ 1	Z	0	m	3	45	39	0.29	
Leith ...	29.39	47	SSH	14	f	29.42	- .05	42	42	+ 3	E	2	o	*	38	38	0.20	
Shields ...	29.49	48	S	5	f	29.45	- .18	47	46	+ 7	Z	0	fd	2	49	?	0.11	
York ...	29.60	47	S	4	f	29.54	- .16	55	53	+ 15	S	3	o	*	55	39	0.11	
Scarborough ...	29.60	47	S	4	m	29.53	- .17	53	52	+ 13	SSH	4	o	3	53	39	0.04	
Nottingham ...	29.60	55	S	8	f	29.59	- .18	54	53	+ 15	SSH	6	o	*	56	41	-	
Ardrossan ...	29.41	47	SH	2	o	29.40	+ .03	42	41	- 2	E	1	f m	0	48	42	0.31	
Greencastle ...	29.34	41	SSH	1	o	29.33	+ .01	41	40	- 5	NE	1	o	*	49	35	-	
Donaghadee ...	29.43	44	S	4	o	29.34	+ .02	43	43	- 3	ESE	4	f	3	48	42	0.27	
Kingstown ...	29.45	48	SSE	2	o	29.34	- .03	47	46	o	E	3	m	3	50	44	0.28	
Holyhead ...	29.48	47	SSH	1	f	29.37	- .08	57	57	+ 5	SSH	5	f	4	57	45	0.08	
Liverpool (Bidston) ...	29.52	48	SH	1	f	29.46	- .13	53	53	+ 12	SSE	4	o	3	53	41	0.24	
Valencia ...	29.42	47	SH	2	e	29.18	- .09	50	48	o	SH	7	cg	6	57	42	0.26	
Roche's Point...	29.44	48	SH	5	f	29.33	+ .02	50	49	- 1	SH	6	e	5	52	45	0.36	
Pembroke ...	29.52	49	SSH	1	o	29.47	- .05	52	52	+ 4	SH	6	o	5	52	48	0.47	
Portishead ...	29.62	52	SSE	6	f	29.63	- .08	54	54	+ 7	S	7	f	4	54	44	0.09	
Seilly ...																		
Plymouth ...	29.63	52	S	5	o	29.67	- .04	53	53	+ 3	SH	6	o	*	54	49	0.33	
Hurst Castle ...	29.72	52	SSH	6	f	29.74	- .06	54	54	+ 4	SH	6	o	6	54	47	0.15	
Dover ...	29.85	49	SH	5	c	29.88	- .03	57	58	+ 3	SH	5	bcw	4	59	47	0.08	
London ...	29.78	50	S	4	od	29.78	- .06	53	53	+ 9	S	6	og	*	53	44	0.06	
Oxford ...	*	*	*	*	*	29.71	- .08	52	53	+ 11	SH	5	o	*	54	43	0.10	
Cambridge ...	29.73	49	S	3	o	29.72	- .11	53	52	+ 10	SSH	3	o	*	55	42	0.05	
Yarmouth ...	29.81	47	S	5	f	29.77	- .10	57	58	+ 8	SSH	5	f	4	57	42	0.10	
The Helder...	*	*	*	*	*	29.90	- .07	46	46	+ 10	S	3	f	*	*	*	0.12	
Cape Gris Nez	29.91	48	S	5	f	29.91	- .03	52	48	+ 4	S	5	o	4	?	45	0.08	
Brest ...	?	52	SH	5	m	?	?	54	52	+ 2	SH	5	m	7	54	50	0.35	
L'Orient ...	29.91	52	SH	6	f	29.95	+ .04	54	52	+ 4	SH	6	f	5	55	48	0.08	
Rocheport ...	30.10	52	SSH	3	o	30.09	+ .05	46	46	o	S	4	f	3	51	41	-	
Biarritz ...	30.06	55	SSE	3	c	30.09	+ .02	54	48	+ 6	SSE	3	e	7	59	46	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.03	- .00	46	*	+ 9	S	3	o	*	*	*	0.02	
Charleville ...	*	*	*	*	*	30.09	+ .03	40	*	+ 8	ESE	6	o	*	*	*	*	
Paris ...	30.06	45	S	3	f	30.10	+ .06	47	*	+ 3	S	3	e	*	*	*	-	
Lyons ...	*	*	*	*	*	?	?	41	*	+ 4	W	2	m	*	*	*	*	
Toulon ...	30.17	45	E	1	f	30.28	+ .11	43	39	o	E	2	f	0	48	43	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.78	39	37	S	6	off	5	Valencia	29.37	49	46	W	3	c	3
Thurso	29.22	42	40	S	5	c	4	Scilly							
Scarborough ...	29.63	46	45	S	4	o	3	London	29.81	58	48	SSH	3	do	*
Greencastle ...	29.25	48	45	SSH	3	bc	*	Rocheport ...	30.04	50	50	S	3	o	3
Holyhead	29.41	49	49	S	6	f	5								

The barometer is now rising slowly over Ireland and the wind has veered to that of Valencia. In all other places the mercury still falls, and the wind continues strong in the Irish Sea.

EXPLANATION OF COLUMNS.

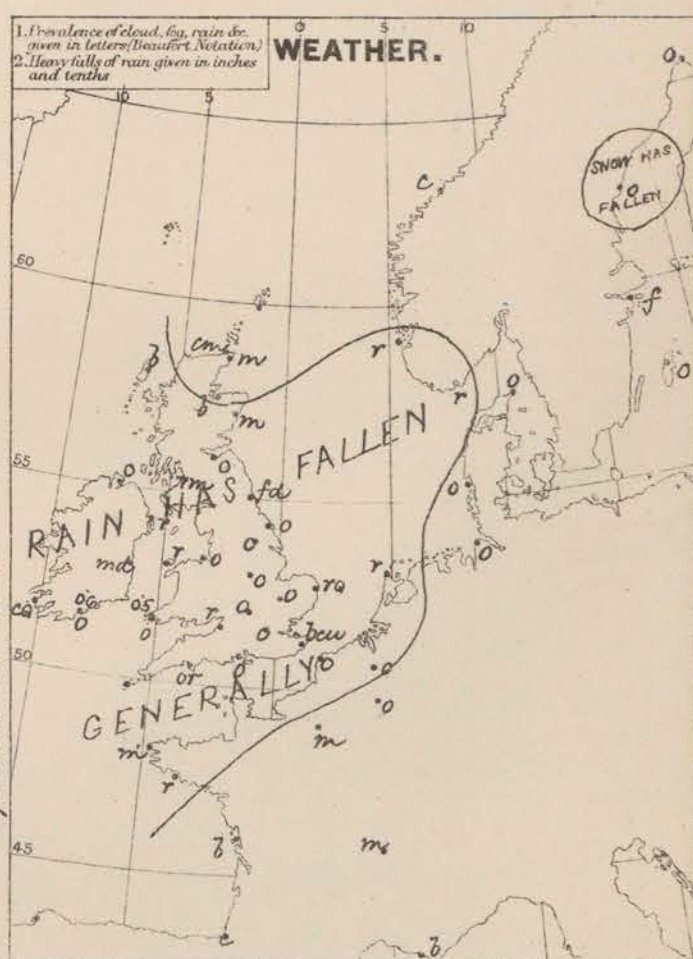
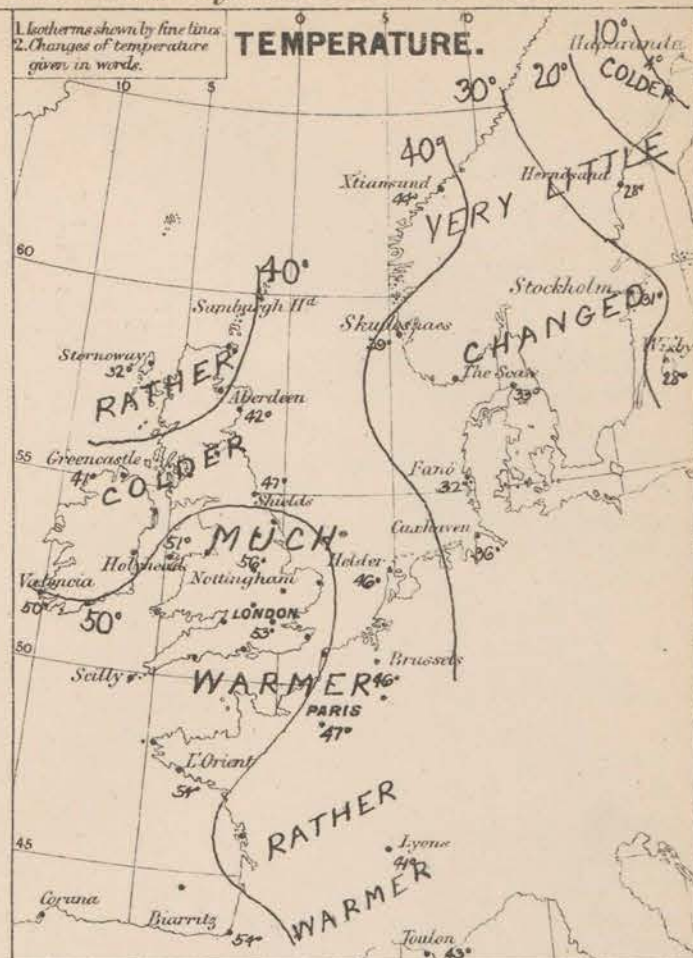
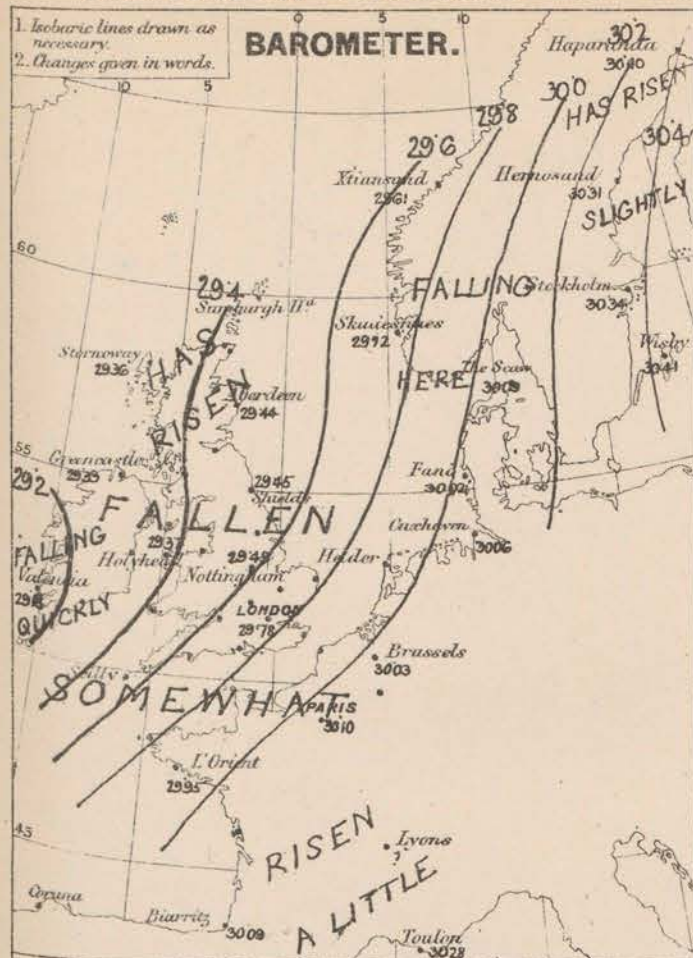
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Friday 19th JAN^y 1877.



note. A dotted line is drawn round those caskets on which the warning signals are now visible.

REMARKS. As the disturbance which lay off our north western coasts yesterday travelled away the barometer rose generally but during the past night a fresh depression has appeared on our south west coasts and the barometer is falling briskly at Valentia and to a less extent over nearly the whole of Western Europe. In the south of France and over the Gulf of Bothnia, however, the mercury is rising slowly. Gradients have become rather steep over the more southern of our stations, and the SW wind which prevails over France, England and the south of Ireland blows very strongly in places. Light E^h breezes are reported from our north western coasts and fresh SE^h winds from the eastern shores of the North Sea but in Scotland calms exist. Temperature has fallen in the west and north west of these islands but has risen in most other places, particularly over Central England - the change amounting to 15° at Nottingham. Temperature in the eastern and Central parts of England is as much as 20° above the average for the time of year. Rain has fallen except in the north east of Scotland and at many of our south western stations it still continues. The sky is overcast or very cloudy except at some of the Scotch stations. The sea is high at Sandown, and rough in the Skager Rack and at our south western and southern ports but is moderate or slight elsewhere.

Warnings were issued to our west coasts last evening, and are extended to the Channel this morning.

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

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

R. H. SCOTT.
Director.

Darlington 10.22 Bedford St. Covent Garden

DAILY WEATHER REPORT JAN^y 20th 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 4.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	W.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.29	5	S	4	o	30.12	-.28	3	3	-	1	S	6	o	*	*	*	-
Hernösand ...	30.22	29	S	8	o	29.93	-.38	27	27	-	1	S	8	o	*	*	*	0.04
Stockholm ...	30.32	26	S	6	o	30.06	-.28	29	29	-	2	S	7	o	*	*	*	-
Wisby ...	30.38	26	SSW	4	o	30.22	-.19	30	29	+	2	S	8	o	*	*	*	-
Christiansund ...	29.52	23	SSE	4	o	29.25	-.36	23	?	-	21	S	6	+	4	?	?	-
Skudesnaes ...	29.53	40	ESE	7	+	29.93	+.21	40	39	+	1	SW	6	bef	6	41	?	0.28
Oxö (Xtiansand) ...	29.54	36	SE	6	+	29.87	-.09	38	37	+	4	NW	4	b	3	?	34	-
Skagen (The Seaw) ...	29.97	24	S	7	5	29.95	-.14	39	37	+	6	NW	3	be	3	41	32	0.20
Fanö ...	29.96	41	NW	6	o	30.16	+.14	40	38	+	8	SW	4	c	*	41	32	0.43
Cuxhaven ...	30.03	*	*	*	*	30.18	+.12	42	42	+	6	NW	3	be	*	*	*	0.19
Sumburgh Head																		
Stornoway	29.33	38	NW	1	+	29.88	+.52	33	32	+	1	SW	1	b	4	38	32	0.10
Thurso ...	29.17	40	Z	0	+	29.87	+.44	35	34	o	SW	2	be	3	42	32	0.96	
Wick ...	29.22	39	E	1	+	29.94	+.52	35	34	-	3	SW	2	b	2	44	34	0.61
Nairn ...	29.33	36	SW	2	+	29.95	+.53	37	36	o	SW	4	+	2	39	35	0.45	
Aberdeen ...	29.20	44	SW	5	b	29.99	+.55	35	34	-	7	SW	1	b	1	48	35	0.16
Leith ...	29.36	44	SW	5	c	30.07	+.65	39	38	-	3	NW	4	b	*	55	38	0.39
Shields ...	29.45	52	SW	6	be	30.17	+.72	39	36	-	8	SW	1	c	2	56	30	0.09
York ...	29.61	52	SW	6	be	30.21	+.67	39	37	-	16	SW	1	b	*	57	37	0.01
Scarborough ...	29.59	50	SW	6	b	30.23	+.70	39	37	-	14	NW	1	c	1	57	39	-
Nottingham ...	29.76	49	SW	7	c	30.30	+.71	36	36	-	20	Z	0	of	*	58	36	-
Ardrossan ...	29.48	42	N	5	be	30.12	+.72	42	39	o	SW	4	b	4	*	58	41	0.44
Greencastle ...	29.85	44	N	4	c	30.19	+.86	46	43	+	5	NW	4	be	*	57	40	0.09
Donaghadee ...	29.60	41	NW	4	c	30.16	+.82	34	34	-	9	SW	3	be	2	50	33	0.11
Kingstown ...	29.70	42	N	4	be	30.22	+.88	42	38	-	5	S	1	b	1	52	40	0.04
Holyhead ...	29.66	43	NW	7	c	30.22	+.85	42	41	-	9	SW	2	b	2	53	40	0.03
Liverpool (Bidston) ...	29.59	45	SW	7	be	30.24	+.78	40	37	-	13	S	1	b	3	57	39	-
Valencia ...	29.85	44	N	4	be	30.19	+.101	46	43	-	4	NW	4	be	4	57	40	0.09
Roche's Point...	29.86	44	NW	4	be	30.22	+.89	40	38	-	10	N	1	b	4	57	39	0.14
Pembroke ...	29.84	48	N	6	c	30.23	+.76	46	43	-	6	SW	1	be	3	52	45	0.06
Portishead ...	29.89	48	NW	6	c	30.27	+.66	40	40	-	11	NW	2	c	2	56	39	0.06
Scilly ...																		
Plymouth ...	29.96	48	N	3	be	30.27	+.60	41	41	-	12	E	1	o	*	54	40	0.08
Hurst Castle ...	29.94	52	N	6	o	30.25	+.57	46	46	-	8	NE	1	om	1	54	44	0.04
Dover ...	29.99	53	NW	5	c	30.28	+.40	46	45	-	5	NW	1	ft	1	53	45	0.14
London ...	29.93	52	N	5	b	30.29	+.57	45	44	-	8	Z	0	of	*	57	43	0.01
Oxford ...	*	*	*	*	*	30.28	+.57	40	40	-	14	Z	0	f	*	56	40	-
Cambridge ...	29.85	52	S	4	c	30.31	+.59	41	40	-	12	SW	1	o	*	57	40	-
Yarmouth ...	29.83	53	SW	4	c	30.26	+.49	43	42	-	8	NW	1	f	3	54	42	0.01
The Helder...	*	*	*	*	*	30.23	+.33	45	43	-	1	Z	0	c	*	*	*	-
Cape Gris Nez	30.01	52	SW	6	+	30.29	+.38	45	45	-	7	ESE	1	+	0	54	45	0.12
Brest ...	?	52	N	2	o	?	?	46	45	-	8	NW	1	+	5	54	45	0.43
L'Orient ...	30.08	50	NW	1	+	? 30.32	+.37	46	45	-	8	NNE	1	o	5	55	45	0.83
Rochefort ...	30.19	52	SSE	3	b	30.34	+.25	45	45	-	1	S	3	be	3	55	41	-
Biarritz ...	30.15	57	S	4	be	30.35	+.26	48	45	-	6	S	1	be	7	61	46	0.04
Corunna ...	*	*	*	*	*											*	*	*
Brussels ...	*	*	*	*	*	30.27	+.24	46	*	o	SW	3	+	*	*	*	*	
Charleville ...	*	*	*	*	*	? 30.22	+.13	40	*	o	SSE	3	b	*	*	*	*	
Paris ...	30.19	49	S	4	be	30.30	+.20	43	*	-	4	SSE	3	c	*	*	*	
Lyons ...	*	*	*	*	*	?	?	42	*	+	1	NE	2	f	*	*	*	
Toulon ...	30.37	45	SW	1	b	30.40	+.12	45	43	+	2	SW	2	b	2	50	43	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.60	41	39	ESE	6	o	6	Valencia	29.62	45	43	NW	4	o	4
Thurso	29.29	38	38	Z	0	rf	2	Scilly							
Scarborough ...	29.51	57	54	SW	5	c	4	London	29.80	57	54	SW	5	o	*
Greencastle ...	29.25	?	?	NW	2	r	*	Rochefort ...	30.13	55	52	SE	3	b	3
Holyhead	29.42	51	48	SW	8	o	um	7							

The depression has advanced NNE^{ly} and now lies over Scotland. The barometer is rising again in the S. - very rapidly at Valentia - while temperature is decreasing over Ireland. A fresh to hard gale is blowing in the Irish Sea.

EXPLANATION OF SIGNS.

WEATHER.--Beaufort scale is, b. blue sky; c. detached clouds; d. drizzle; r. rain; 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; w. usual 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 (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 JAN^y 14th to JAN^y 20th 1877.

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

During almost the whole of this period the weather has been of the same character as that of last week, depressions having passed in quick succession ^{N^w} along our W^m Coast, while both on Sunday and Wednesday small subsidiary disturbances passed from W to E. over these Islands. The wind has been ^{generally} S^w or S^w in direction, and while almost every day it blew fresh at our S^m and W^m stations on some occasions it increased to a fresh or hard gale. Temperature has oscillated considerably, but on most days has been above the mean for the time of year over England, and on the 19th at our E^m and Central stations, exceeded it by almost 20°. Rain though not very heavy has been general over these Islands. During Friday and Saturday, however, an entire change occurred, a brisk recovery of pressure set in, the increase amounting to over an inch at Valentia, the wind veered to the W^w falling very light over England and temperature fell exceedingly quickly, as much as 20° at Nottingham, the week ending with fine dry weather.

JAN^y 14th The barometer was falling in all parts of W^m Europe, very slightly in the E and S.E. but quickly in the W. and a rather large disturbance lay off the W. of Scotland, while a small secondary lay apparently over the S. of Ireland. The wind was W^{ly} at Valentia and Rocks Point, but S^{ly} at our other stations, and over France, while in Norway and Denmark it was E^{ly}. In the E and S. it was moderate in force, but was fresh or strong elsewhere. Temperature had risen several degrees over these Islands, and to a less extent in Scandinavia but over France it had fallen. Rain though not heavy had been general, and slight snow had been seen in London and Nottingham. During the day both depressions moved ^{N.E.} the larger lying at 6 P.M. off the Hebrides, and the smaller over Central England. The barometer was consequently falling in the E and W. while in the S.W. a brisk recovery had commenced with a N.W. wind.

JAN^y 15th Both the depressions noticed on the 14th were still shown, one outside the North coast of Scotland, the smaller one near the Texel. The barometer was consequently falling on the E^m shores of the North Sea, while in these Islands the recovery which had commenced on the previous evening had continued and extended. The wind varied considerably. Over England and France it was N.W. ly, on the E^m shores of the North Sea S.E. ly, and in the S.W. S. ly, while over Scotland calms prevailed. At Valentia and Skudesnaes the force was strong. Temperature had risen somewhat over Denmark and Norway but fallen here. Rain had been general and the sky was cloudy in Ireland and on the Continent, though nearly clear over Great Britain. At 6 p.m. a fresh disturbance was shown in the N.W. but the barometer still rose generally.

JAN^y 16th The small secondary depression noticed on the previous morning, though almost filled up, was still traceable over the Skager Rack, but the large Northern disturbance had entirely disappeared and the barometer had risen over Norway, Denmark, N. Germany and our E. Coast. In the W. however, pressure was very unsettled and fresh disturbances were appearing in Scotland and Ireland. The wind was S.W. ly to S. ly in all places except the E. of France, where it was N. ly. It blew with the

force of a gale at Stonoway, and fresh in the S. of Ireland but was moderate elsewhere. Temperature had risen except in France, and was very high over these Islands, Stonoway being 12° higher than Paris and 4° higher than Toulon. The sky was overcast with rain in Ireland. During the day a depression passed along the NW Coast of Scotland, and fresh SW^{ly} breezes prevailed generally.

JAN^y 17th The barometer was falling over the whole of W^m Europe, but in the Gulf of Bothnia it was rising slowly. A small subsidiary depression had advanced to the neighbourhood of Portsmouth, but the lowest readings were still found to the NW of Scotland, so that the wind continued generally S^{ly} or SW^{ly}. It was fresh in force in the S. of Ireland, the neighbourhood of the small disturbance, and the West of Norway, but elsewhere it was moderate to light. Temperature had fallen somewhat in the W and N, but risen in the E and S. and on the Continent generally. Rain had fallen in most places and continued at 8 a.m. at several of the S^m stations. During the day the barometer rose slightly at Valentia, the wind veered towards NW^{ly} and in the evening the sky became almost clear over the greater part of the Kingdom.

JAN^y 18th During the night a rather deep depression had advanced suddenly to our NW Coast, causing the barometer to fall quickly in that region, and to a less extent in all parts of W^m Europe. Gradients had become rather steep over these Islands, and the S^{ly} to SW^{ly} winds blew with the force of a fresh gale at Pembroke, and a moderate gale on other parts of our W^m and N^m Coast, while during the night fresh gales had been experienced in the S. of Ireland. Temperature had risen somewhat in the W and N, but fallen elsewhere. The sky was overcast generally. Later reports showed that the wind increased to a fresh gale at Aberdeen and Wick about midday, but in the evening the barometer was rising in the W and N, and the wind had fallen lighter again.

JAN^y 19th The recovery in the W and N had ceased and a fresh depression was appearing over Ireland, causing the barometer to fall briskly on our SW^m Coast, and to a less extent in all parts of W^m Europe except the S. of France. Gradients had again become steep and the S^{ly} to SW^{ly} winds which prevailed generally had increased to a strong breeze or moderate gale in the SW. In the NW light E^{ly} airs, and in Scotland calms prevailed. Temperature had fallen in the N and W, but risen in the E and S. — most over Central England where temperature was almost 20° above the mean for the month of January. Rain had fallen except in Caithness and continued in some places, while the sky was cloudy at all but some of the Scotch stations. During the day the disturbance advanced quickly NE^{ward} over Ireland and Scotland, and strong to fresh gales were felt in many places, while the barometer rose very quickly in its rear.

JAN^y 20th The depression had continued to move NE^{ward} and its centre lay near Ekensund, causing the barometer to fall over Scandinavia, and the S^{ly} wind to blow a strong breeze in Norway, and with the force of a gale in Sweden. In all other parts of our area, however, the barometer had risen, the recovery over these Islands being particularly brisk, varying from 0.5 inch in the N. to over an inch at Valentia. Readings were very uniform over England, Ireland and France, and the winds very light and variable, but in the N. moderate gradients and light SW^{ly} breezes were reported.

Temperature had fallen very fast over England, and a few degrees generally. The sky had become clear in the W and N, though cloudy and foggy in the E and S. During the day pressure rose everywhere and the weather became much more settled —.

Meteorological Office,

116, Victoria Street, Westminster, S. W.

ROBERT H. SCOTT, Director.

DAILY WEATHER REPORT JAN 21st 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9.)	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force, (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force, (0 to 12).			Max.	Min.	
Haparanda ...	29.75	17	S	6	b	29.56	-.30	23	23	+ 20	SW	2	b	*	*	*	0.35
Hernösand ...	29.84	30	S	2	b	30.12	+ .19	30	30	+ 3	N	2	b	*	*	*	0.04
Stockholm ...	30.03	34.2	NW	2	b	30.25	+ .19	44	24	- 5	Z	0	b	*	*	*	0.04
Wisby ...	30.18	35	SW	4	o	30.33	+ .11	33	32	+ 3	NW	4	b	*	*	*	0.04
Christiansund ...	29.93	26	NW	7	b	29.91	+ .66	22	?	- 1	SW	6	b	5	?	?	-
Skudesnaes ...	30.22	37	SW	2	b	30.28	+ .35	37	37	- 3	SSE	6	o	5	39	37	-
Oxö (Åtnäs) ...	30.23	36	NW	4	b	30.38	+ .51	34	34	- 4	NW	2	f	2	37	30	-
Skagen (The sea) ...	30.44	35	N	4	b	30.59	+ .44	33	33	- 6	N	4	f	4	39	30	-
Fanö ...	30.53	39	NW	2	b	30.43	+ .27	40	40	0	NW	4	c	*	?	?	0.08
Cuxhaven ...	30.31	*	*	*	*	30.52	+ .34	38	35	- 4	NW	1	b	*	2	2	-
Sumburgh Head																	
Stornoway																	
Thurso ...	29.95	43	SW	6	f	30.01	+ .13	41	39	+ 8	SW	5	c	5	45	35	0.50
Wick ...	30.02	38	SW	1	b	30.04	+ .17	39	37	+ 4	SW	2	b	3	41	34	-
Nairn ...	30.03	42	SW	3	b	30.08	+ .42	37	36	+ 2	N	1	b	1	43	34	-
Aberdeen ...	30.07	42	SW	3	b	30.11	+ .46	43	40	+ 6	SW	2	b	1	45	34	-
Leith ...	30.17	39	SW	2	b	30.17	+ .18	42	40	+ 7	SW	1	b	1	44	35	-
Shields ...	30.24	42	SW	3	b	30.24	+ .17	45	45	+ 6	SW	5	o	*	47	38	0.01
York ...	30.35	41	NW	2	b	30.40	+ .23	43	40	+ 4	SW	1	m	1	46	37	-
Scarborough ...	30.42	40	N	1	b	30.49	+ .28	38	36	- 1	SW	1	b	*	44	32	-
Nottingham ...	30.42	39	NW	1	b	30.48	+ .25	39	38	0	SW	2	c	1	43	37	-
Ardrossan ...	30.47	40	Z	0	b	30.59	+ .29	33	32	- 3	SW	1	b	*	49	31	-
Greencastle ...	30.27	45	S	4	b	30.26	+ .44	46	44	+ 4	SW	5	f	5	47	42	0.16
Donaghadee ...	30.18	42	S	3	b	30.21	+ .02	44	43	- 2	NW	3	o	*	45	33	0.03
Kingstown ...	30.30	41	SW	3	b	30.32	+ .46	44	43	+ 10	SW	4	o	3	45	33	0.03
Holyhead ...	30.36	43	S	3	b	30.41	+ .19	45	44	+ 3	S	3	c	2	46	40	-
Liverpool (Bidston) ...	30.38	45	SW	2	b	30.40	+ .21	47	45	+ 5	SW	4	c	3	48	41	0.01
Valencia ...	30.42	48	SW	2	b	30.48	+ .24	45	44	+ 5	S	3	o	2	47	38	-
Roche's Point...	30.27	30	SW	7	c	30.38	+ .19	49	44	+ 3	SW	5	c	4	51	44	0.04
Pembroke ...	30.38	47	NW	4	b	30.40	+ .21	49	46	+ 9	SW	5	c	4	50	46	-
Portishead ...	30.44	47	SW	2	b	30.52	+ .29	48	44	+ 2	SW	3	o	3	48	42	0.01
Scilly ...	30.46	44	N	3	b	30.57	+ .30	42	41	+ 2	NW	1	b	1	51	37	-
Plymouth ...	30.46	44	N	3	b	30.57	+ .30	42	41	+ 2	NW	1	b	1	51	37	-
Hurst Castle ...	30.47	48	NW	1	b	30.60	+ .35	39	39	- 7	NE	1	f	1	52	34	0.01
Dover ...	30.30	44	NW	1	b	30.64	+ .36	36	35	- 10	NW	1	b	1	46	35	0.17
London ...	30.31	47	Z	0	f	30.61	+ .32	30	30	- 15	Z	0	f	*	47	28	-
Oxford ...	*	*	*	*	*	30.61	+ .33	32	32	- 8	SW	1	b	*	46	31	-
Cambridge ...	30.49	38	NW	1	b	30.64	+ .33	32	31	- 9	SW	1	b	*	45	29	-
Yarmouth ...	30.44	41	NW	1	b	30.57	+ .33	36	35	- 7	NW	1	b	*	43	34	0.01
The Helder...	*	*	*	*	*	30.58	+ .35	37	38	- 6	N	1	b	*	44	34	-
Cape Gris Nez	30.44	45	Z	0	c	30.63	+ .34	41	39	- 4	SSE	1	m	0	48	39	0.24
Brest ...	?	34	NW	1	b	?	?	43	41	- 3	SE	3	f	4	?	41	0.08
L'Orient ...	30.53	48	N	2	b	30.63	+ .31	41	39	- 5	ESE	3	b	5	34	39	-
Rochefort ...	30.52	52	NW	4	b	30.58	+ .24	43	41	- 2	ESE	5	b	3	54	41	0.04
Biarritz ...	30.49	37	NW	2	o	30.44	+ .09	48	46	0	ENE	3	m	4	57	45	-
Corunna ...	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*
Brussels ...	*	*	*	*	*	30.57	+ .24	35	*	- 11	NE	1	b	*	*	*	*
Charleville ...	*	*	*	*	*	?	?	37	*	- 3	NNE	1	b	*	*	*	*
Paris ...	30.45	43	NW	3	o	30.67	+ .37	35	*	- 8	NW	1	f	*	*	*	0.08
Lyons ...	*	*	*	*	*	?	?	46	*	- 4	N	6	c	*	*	*	*
Toulon ...	30.32	48	N	4	b	30.30	- .20	46	41	+ 1	NW	3	b	4	54	45	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.14	39	38	SW	6	bef	5	Valencia ...	30.26	30	45	SW	4	b	5
Thurso	30.01	40	38	S	1	c	3	Scilly							
Scarborough ...	30.34	43	41	WSW	1	b	1	London	30.40	47	47	NE	1	b	*
Greencastle ...	30.16	44	43	SW	2	b	*	Rochefort ...	30.40	34	34	SW	3	b	3
Holyhead	30.37	48	44	SW	3	m	2								

The barometer appears to have ceased rising in Ireland, where also the wind has returned to the S.W., but the weather is at present fine. The sea is rather rough 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 sea, and to "back" when it shifts in the opposite direction.

DAILY WEATHER REPORT JAN^y 22nd 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 ...	30.08	25	SW	2	bc	29.94	-.18	24	24	- 6	SW	2	bc	*	*	*	-	
Stockholm ...	30.32	30	SSE	4	o	30.15	-.10	34	33	+ 10	SSE	4	f	*	*	*	-	
Wisby ...	30.00	31	N	2	b	30.35	+ .02	31	31	+ 2	WSW	6	o	*	*	*	-	
Christiansund ...	29.93	39	WSW	6	b	29.81	-.07	38	36	+ 16	WSW	8	c	6	43	7	-	
Skudesnaes ...	30.17	40	S	6	P	30.21	-.07	38	36	+ 1	WSW	4	c	5	7	37	0.28	
Oxö (Xtiansand) ...	30.33	37	SW	6	o	30.16	-.22	37	35	+ 3	WSW	4	b	2	37	34	-	
Skagen (The Sea) ...	30.38	38	WSW	4	o	30.19	-.20	39	38	+ 6	WSW	5	r	5	39	7	0.04	
Fanö ...														*	*	*		
Cuxhaven ...	30.64	*	*	*	*	30.56	+ .08	34	34	- 4	WSW	3	of	*	*	*	-	
Sumburgh Head ...																		
Stornoway ...	30.07	36	N	5	bc	30.31	+ .30	37	36	- 4	WSW	3	c	4	43	32	0.40	
Thurso ...	30.06	40	SSW	3	o	30.28	+ .24	35	34	- 4	SW	2	bc	3	44	33	0.10	
Wick ...	30.07	42	SW	4	b	30.32	+ .24	36	34	- 1	SW	1	b	1	44	34	-	
Nairn ...	30.15	44	SW	2	P	30.36	+ .25	36	34	- 7	SW	1	b	1	44	34	0.09	
Aberdeen ...	30.10	44	SSW	3	bc	30.38	+ .21	36	33	- 6	SW	1	b	1	44	35	-	
Leith ...	30.26	47	SW	6	o	30.45	+ .21	36	35	- 9	N	3	bm	*	49	34	0.22	
Shields ...	30.39	47	SSW	4	o	30.57	+ .11	43	41	0	Z	0	f	1	49	41	-	
York ...	30.57	45	SSW	2	o	30.56	+ .07	39	38	+ 1	SSW	1	c	*	46	36	-	
Scarborough ...	30.46	44	WSW	2	o	30.57	+ .03	41	39	+ 2	WSW	1	of	1	45	38	-	
Nottingham ...	30.58	42	SW	3	bc	30.60	+ .01	37	37	+ 4	SSW	2	f	*	47	33	-	
Ardrossan ...	30.31	47	SW	5	r	30.46	+ .20	37	36	- 9	ESE	1	bf	1	47	37	0.16	
Greencastle ...	30.28	44	N	2	r	30.39	+ .18	36	36	- 8	N	1	o	*	47	33	0.18	
Donaghadee ...	30.36	45	SW	5	bc	30.47	+ .15	40	40	- 4	WSW	2	o	1	48	36	0.44	
Kingstown ...	30.46	48	S	4	c	30.46	+ .05	44	44	0	SSE	1	c	1	50	42	0.01	
Holyhead ...	30.47	47	SW	4	o	30.48	+ .05	45	45	- 2	S	3	c	2	50	45	0.57	
Liverpool (Bidston) ...	30.46	45	SSW	2	c	30.53	+ .05	39	38	- 6	SE	2	c	2	48	39	-	
Valencia ...	30.43	48	SSW	4	c	30.37	-.01	49	48	0	SSE	4	o	4	51	44	-	
Roche's Point... ..	30.46	49	SW	4	c	30.41	-.02	49	48	0	SSW	5	o	4	51	46	0.18	
Pembroke ...	30.54	48	S	4	bc	30.49	-.03	46	43	+ 2	SSE	5	o	3	51	46	-	
Portishead ...	30.62	42	SW	2	b	30.55	-.02	40	38	- 2	ESE	3	o	2	50	36	-	
Seilly ...																		
Plymouth ...	30.59	45	NE	1	b	30.55	-.02	42	41	- 3	E	4	b	*	50	41	-	
Hurst Castle ...	30.62	46	S	1	b	30.59	-.01	44	43	+ 5	SSE	2	b	1	50	32	-	
Dover ...	30.67	45	SW	2	b	30.65	+ .01	41	40	+ 5	SW	2	b	1	48	35	-	
London ...	30.65	45	SSW	1	bf	30.62	+ .01	37	36	+ 7	S	2	c	*	52	28	-	
Oxford ...	*	*	*	*	*	30.59	-.02	36	35	+ 4	E	1	o	*	47	32	0.01	
Cambridge ...	30.62	41	SSW	1	b	30.60	-.04	34	34	+ 2	S	1	o	*	50	31	-	
Yarmouth ...	30.61	41	Z	0	b	30.60	+ .01	37	36	+ 1	N	1	f	*	45	35	-	
The Helder ...	*	*	*	*	*	30.57	-.01	43	42	+ 4	SW	1	bc	*	*	*	-	
Cape Gris Nez ...	30.69	39	S	1	b	30.66	+ .03	36	34	- 5	S	2	b	1	48	34	-	
Brest ...	?	52	SE	4	o	?	?	41	37	- 2	SE	3	o	3	?	37	-	
L'Orient ...	30.59	43	ESE	4	b	30.55	-.08	34	34	- 7	ESE	4	c	4	46	32	-	
Rochefort ...	30.53	50	E	5	bc	30.53	-.05	36	36	- 7	ESE	5	b	3	50	?	-	
Biarritz ...	30.41	55	ENE	3	o	30.40	-.04	34	32	- 14	ENE	3	b	3	?	32	-	
Corunna ...	*	*	*	*	*									*	*	*	*	
Brussels ...	*	*	*	*	*	30.70	+ .19	30	*	- 5	NNE	1	f	*	*	*	*	
Charleville ...	*	*	*	*	*	?	?	26	*	- 11	E	1	f	*	*	*	*	
Paris ...	?	?	?	?	?	30.67	.00	30	*	- 8	N	1	f	*	*	*	-	
Lyons ...	*	*	*	*	*	?	?	40	*	- 6	N	4	f	*	*	*	*	
Toulon ...	30.23	48	E	1	b	30.26	+ .06	45	37	- 1	NN	3	b	4	54	45	-	

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	30.24	40	39	SSW	4	of	5	Valencia			
Thurso								Scilly			
Scarborough ...								London			
Greencastle ...						*		Rochefort ...	30.53	50	46 ESE 4 6 3
Holyhead											

EXPLANATION OF COLUMNS.

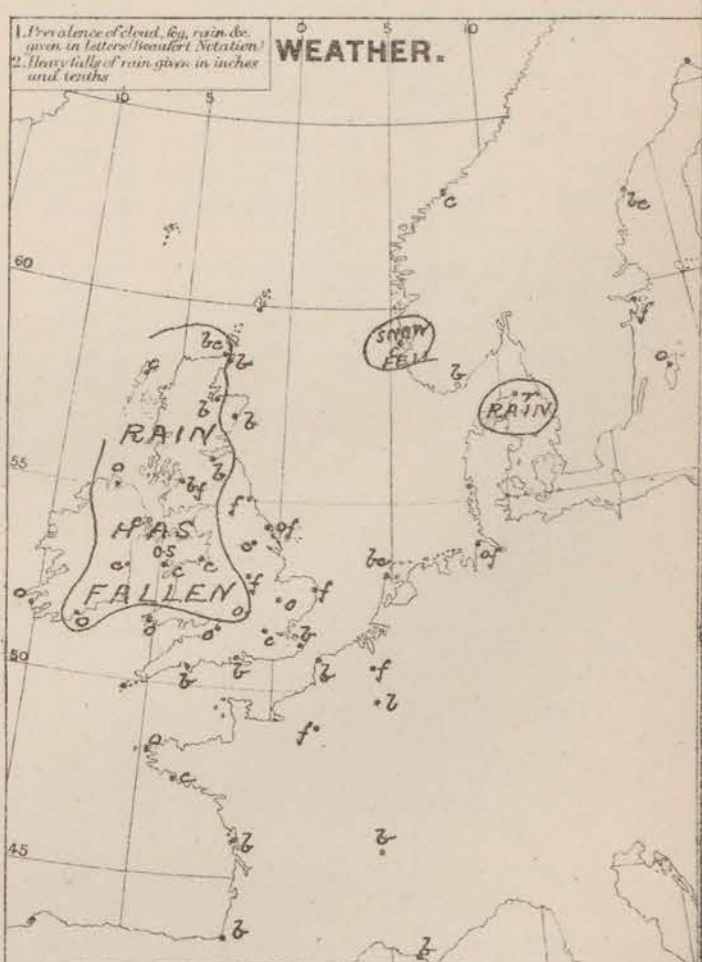
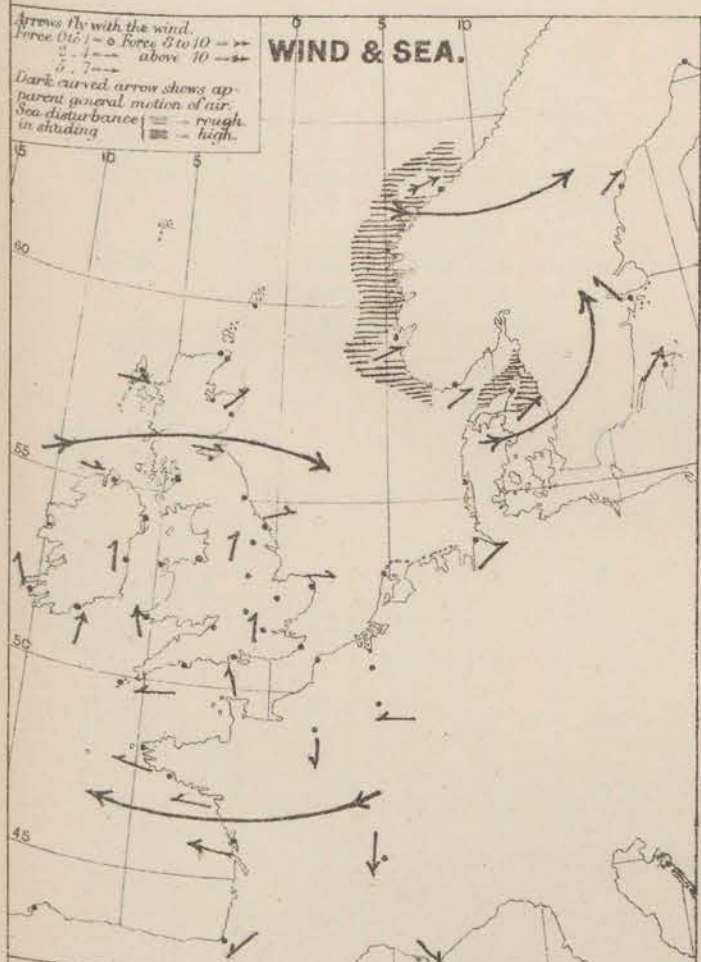
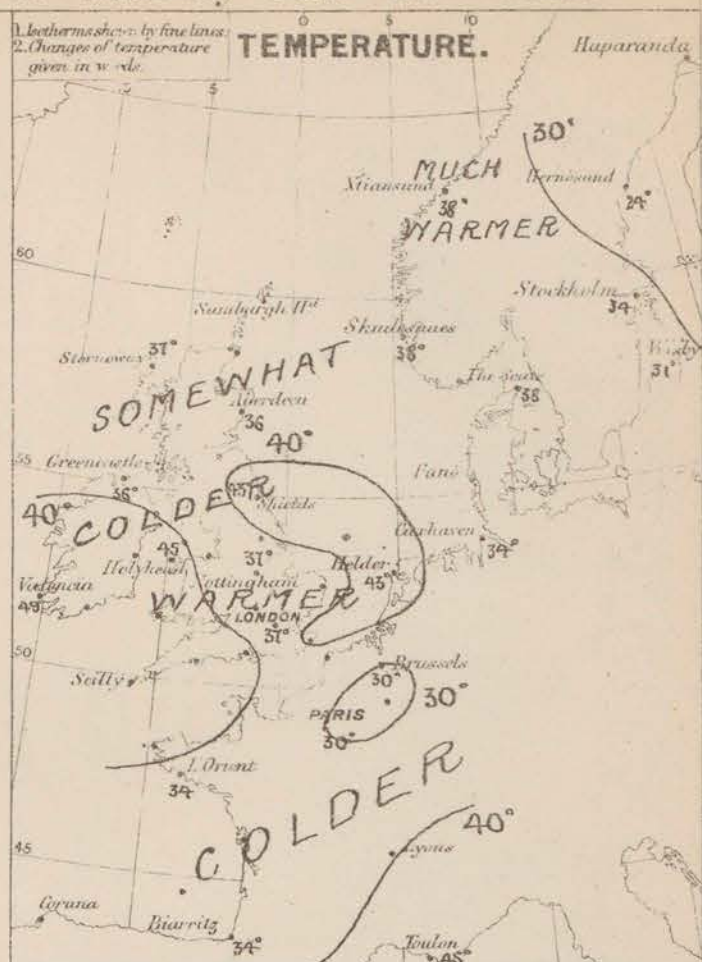
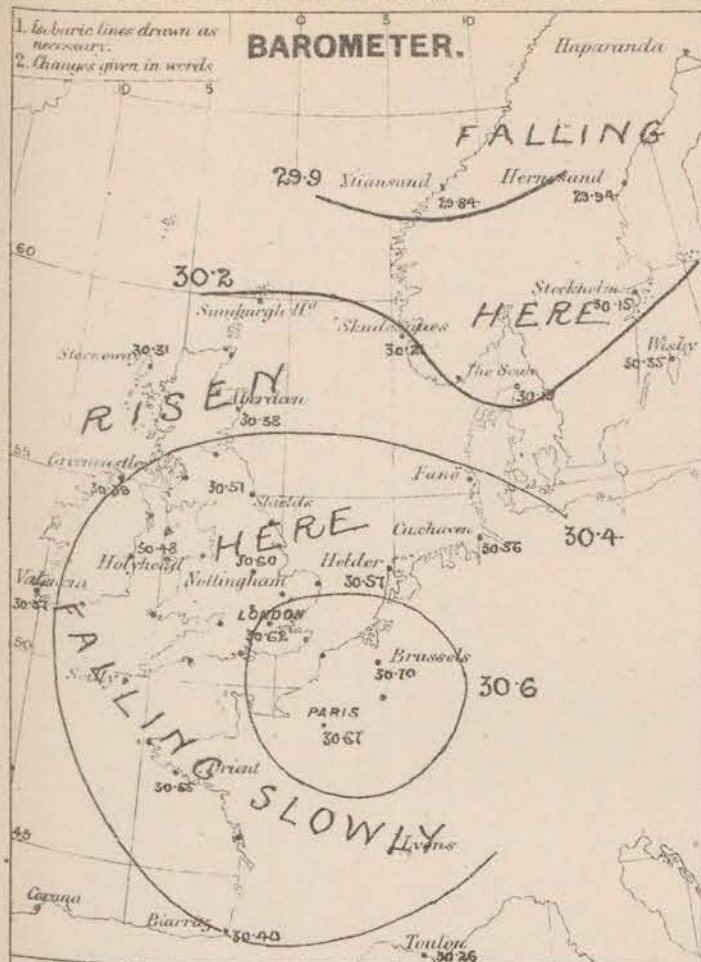
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Monday Jan^y 22nd 1877.



REMARKS. During the past 48 hours an area of high pressure has been formed over the SE. stations, where the barometer has risen to a maximum of 30.7 in., while the lowest readings reported are over Sweden and Norway. Moderate SE winds prevail over the Bay of Biscay, moderate S. breezes in Ireland, and light SW. in Scotland, while in Norway the wind is fresh to a gale from WSW. Temperature is changing irregularly and suddenly. In Scotland, the N. of Ireland, and over France it has fallen since yesterday, while in the E. of England, and on the E. shores of the North Sea it has risen. It now varies from 49° in the S. of Ireland to 35° in the N. of Scotland, 30° at Paris and Brussels, and 29° at Haparanda. In London a sharp frost was felt during the night, but the thermometer has since risen 9°, and is still rising. Some rain has fallen in the W. and NW, where the sky is still very cloudy. Lunar halos were seen in many parts of England and Wales. In Scotland, and also at the S. stations the sky is clear, but fog prevails in the E. and SE. The sea is moderate to smooth on our coasts.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT JAN^Y 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 ...	29.28	19	S	2	o	30.02		12	12		N	2	f	*	*	*	-	
Hernösand ...	29.25	33	N	4	b	30.19	+ .25	31	30	+ 7	WNW	2	b	*	*	*	-	
Stockholm ...	30.02	24	N	4	P	30.21	+ .06	25	23	- 9	N	2	b	*	*	*	0.01	
Wisby ...	30.19	35	N	6	bc	30.30	- .05	32	31	+ 1	NNW	6	b	*	*	*	-	
Christiansund ...	30.15	37	WSW	5	c	30.16	+ .02	35	35	- 3	ESE	1	bc	5	37	34	-	
Skudesnaes ...	30.25	37	N	2	c	30.07	+ .16	37	36	- 1	SSE	4	o	4	39	37	-	
Oxö (Ålansand) ...	30.36	36	WSW	4	b	30.43	+ .27	33	33	- 4	WSW	2	c	2	39	?	-	
Skagen (The Seaw) ...	30.30	27	NNW	5	b	30.41	+ .22	32	30	- 7	NNW	2	b	1	39	30	-	
Fanö ...	30.37	37	WSW	4	b	30.57		35	35		N	2	c	*	?	34	2.08	
Cuxhaven ...	30.54	*	*	*	*	30.55	- .01	34	34	0	N	1	f	*	*	*	-	
Somburgh Head ...																		
Stornoway ...	30.17	43	SSW	6	c	29.84	- .47	46	45	+ 9	SSW	8	d	7	41.7	36	2.01	
Thurso ...	30.26	36	S	2	b	29.97	- .31	39	38	+ 4	SSE	2	bc	3	43	34	0.01	
Wick ...	30.26	39	SW	2	bc	29.99	- .03	42	40	+ 6	S	4	c	3	43	35	-	
Nairn ...	30.28	38	SW	1	b	30.04	- .35	44	41	+ 8	SW	1	c	1	44	36	-	
Aberdeen ...	30.35	37	SW	2	o	30.12	- .26	39	38	+ 3	S	4	c	1	40	35	-	
Leith ...	30.39	43	S	1	c	30.14	- .31	42	40	+ 6	SW	4	b	*	44	32	-	
Shields ...	30.46	45	SSW	2	c	30.24	- .27	34	32	- 9	SSW	2	f	1	47	34	-	
York ...	30.49	41	S	1	b	30.34	- .22	34	33	- 5	S	1	b	*	46	32	-	
Scarborough ...	30.49	42	WSW	1	b	30.35	- .16	36	34	- 5	SSW	2	b	2	44	35	-	
Nottingham ...	30.55	36	S	1	b	30.39	- .21	35	33	- 2	S	1	b	*	46	30	-	
Ardrossan ...	30.58	45	S	3	bc	30.12	- .34	46	44	+ 9	S	5	o	5	47	37	-	
Greencastle ...	30.27	44	SSE	2	o	29.95	- .44	47	45	+ 11	S	4	bc	*	46	36	-	
Donaghadee ...	30.37	43	SSE	4	bc	30.10	- .37	46	45	+ 6	S	6	c	4	47	39	0.04	
Kingstown ...	30.35	47	SSE	3	c	30.15	- .31	48	46	+ 3	S	4	o	4	48	44	-	
Holyhead ...	30.44	43	S	2	b	30.20	- .28	45	43	0	S	5	c	3	47	43	-	
Liverpool (Barton) ...	30.44	39	SE	3	b	30.28	- .25	39	36	0	SE	2	c	2	45	37	-	
Valencia ...	30.21	50	S	5	o	29.93	- .44	51	51	+ 2	S	7	ty	6	52	45	0.27	
Roche's Point ...	30.30	49	SSW	5	o	30.09	- .02	50	50	+ 1	S	6	ty	5	51	47	0.12	
Pembroke ...	30.41	47	SSE	5	o	30.24	- .25	48	45	+ 2	SSE	5	c	4	48	45	-	
Portishead ...	30.49	41	ESE	3	c	30.37	- .18	42	39	+ 2	ESE	2	b	1	46	35	-	
Seilly ...																		
Plymouth ...	30.48	45	SE	4	o	30.34	- .21	45	44	+ 3	ESE	4	bc	*	46	41	-	
Hurst Castle ...	30.52	45	SSE	3	c	30.42	- .17	47	45	+ 3	S	3	bc	2	47	40	-	
Dover ...	30.62	41	SW	2	b	30.50	- .15	41	39	0	S	2	b	2	41	36	-	
London ...	30.58	46	SSW	1	cm	30.48	- .14	31	31	- 6	Z	0	bf	*	45	28	-	
Oxford ...	*	*	*	*	*	30.41	- .18	37	35	+ 1	SW	1	c	*	43	33	-	
Cambridge ...	30.57	33	SSE	1	b	30.16	- .14	31	30	- 3	SSW	2	b	*	45	29	-	
Yarmouth ...	30.58	38	Z	0	b	30.49	- .11	34	33	- 3	N	1	f	*	42	31	0.01	
The Helder ...	*	*	*	*	*	30.53	- .04	30	29	- 13	Z	0	f	*	*	*	-	
Cape Gris Nez ...	30.62	36	ESE	1	b	30.52	- .14	34	30	- 2	S	2	b	1	43	30	-	
Brest ...	?	44	SE	4	a	?	?	45	39	+ 4	SE	4	o	4	46	39	-	
L'Orient ...	30.48	41	ESE	5	o	30.41	- .14	36	34	+ 2	ESE	3	c	4	45	32	-	
Rochefort ...	30.47	48	SE	4	b	30.59	- .14	36	34	0	E	4	b	3	42	30	-	
Biarritz ...	30.33	32	ENE	3	b	30.30	- .10	32	30	- 2	SSE	1	bc	3	34	30	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*										*	*	*	
Charleville ...	*	*	*	*	*	?	?	21	*	- 5	SE	1	b	*	*	*	*	
Paris ...	30.60	34	NNE	3	b	30.54	- .13	26	*	- 4	Z	0	f	*	*	*	-	
Lyons ...	*	*	*	*	*	?	?	39	*	- 1	N	2	o	*	*	*	*	
Toulon ...	30.30	46	NNW	1	b	30.32	+ .06	45	36	0	N	2	b	3	52	41	-	

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

	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnaes ...	30.30	39	38	N	4	bc	3	Valencia	30.26	50	49	SSE	5	ty	5
Thurso	30.32	41	39	SSW	2	bc	3	Scilly							
Scarborough ...	30.53	44	43	WSW	1	b	1	London	30.60	44	42	SSW	1	c	*
Greencastle ...	30.35	45	44	S	2	o	*	Rochefort ...	30.46	48	46	SE	4	b	3
Holyhead	30.46	45	43	S	3	b	2								

The barometer has begun to fall fast in Ireland since noon, and the S.W. wind is increasing along our Wm Coast, with gloomy weather. Warnings issued to our most Wm 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 Jan^y 23^d 1877.

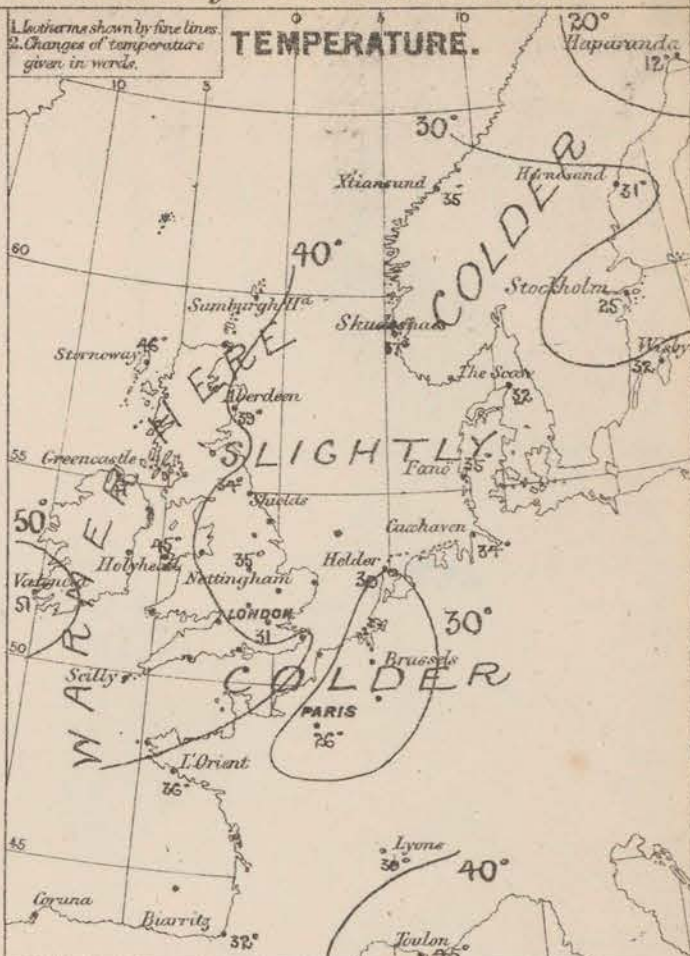
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



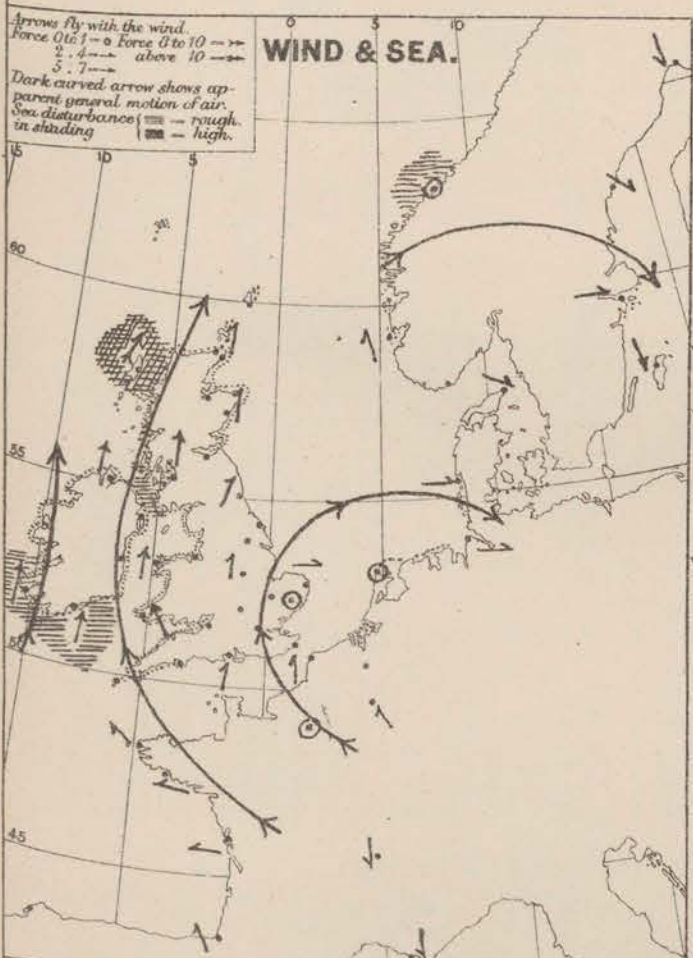
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



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

WIND & SEA.



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

WEATHER.



Note: A dotted line is drawn around the coast where the wind is rising and up.

REMARKS. During the past 24 hours the barometer has continued to fall fast on our extreme W. and NW. coasts, and the change has extended in a smaller degree to the other parts of our islands during the night. The area of high pressure consequently lies rather to the E. of the position it occupied yesterday, and rather steep gradients for S. winds are being formed over the United Kingdom. With this change the S. breezes have freshened considerably in the W. so that a fresh gale has been blowing in the Hebrides, and a moderate gale at Valencia during the night, and strong squally winds are setting in over the Irish Sea. In the E. and NE. the wind is at present light, and in the Bay of Biscay it is moderate from ESE. Temperatures are rising in the W. and N. as the S. wind freshens, but in the E. (under the influence of a clear sky and still air) it has been very low during the night. In London it fell to 27° in the shade and 25° in the grass. Our W. coasts are now from 20° to 25° warmer than Paris. Rain is falling in the Hebrides and the Shetlands, and the sky has been cloudy at our W. stations generally. In the E. however, it is clear, but foggy in some localities, notably in London. The sea is high in the NW. rough in the SW. smooth in the E. and S.

Our W. coasts were warmed yesterday, and our N. coasts this morning.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT JAN^y 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.	Reading at 32° F. and Sea Level.	BAROMETER.			SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).	Max.	Min.					
Haparanda ...	30.15	-8	Z	0	b	30.15	+ .13	1	?	- 11	S	2	b	*	*	*	*	*	-
Hernösand ...	30.30	15	Z	0	b	30.18	- .01	10	10	- 21	S	2	f	*	*	*	*	*	-
Stockholm ...	30.32	21	Z	0	b	30.24	+ .03	14	13	- 11	Z	0	f	*	*	*	*	*	-
Wisby ...	30.36	32	NW	6	b	30.33	+ .03	29	28	- 3	N	4	b	*	*	*	*	*	-
Christiansund ...	29.99	36	ESE	3	b	29.69	- .47	44	36	+ 9	SE	5	c	4	45	32	-	-	
Skudesnaes ...	30.13	40	SE	6	c	29.88	- .44	41	37	+ 4	SE	8	o	7	?	37	-	-	
Oxö (Xiansand) ...	30.31	35	WSW	2	o	30.15	- .28	33	33	0	ESE	4	c	1	36	32	-	-	
Skagen (The Seaw)	30.38	35	WSW	2	o	30.23	- .18	32	32	0	SW	2	o	0	37	28	-	-	
Fanö ...	30.41	34	S	4	f	30.25	- .26	33	33	- 2	SSW	4	o	*	37	32	-	-	
Cuxhaven ...	30.49	*	*	*	*	30.31	- .24	33	33	- 1	SSW	4	o	*	*	*	*	*	-
Sumburgh Head																			
Stornoway	29.47	47	SSW	9	f	29.62	- .22	34	33	- 12	WSW	4	sph	4	48	33	0.31	-	
Thurso ...	29.64	44	SSE	4	o	29.59	- .38	37	36	- 2	SW	2	og	3	48	37	0.21	-	
Wick ...	29.66	44	S	6	o	29.61	- .38	43	41	0	SW	1	o	3	45	35	0.11	-	
Nairn ...	29.67	43	SW	4	o	29.65	- .36	35	34	- 9	SW	1	o	2	48	35	0.20	-	
Aberdeen ...	29.74	43	S	5	c	29.72	- .40	37	35	- 2	NW	1	c	1	44	36	0.12	-	
Leith ...	29.85	48	SW	5	c	29.77	- .37	38	37	- 4	WSW	4	b	*	50	37	0.06	-	
Shields ...	30.05	42	S	4	f	29.85	- .39	40	37	+ 6	W	4	bm	3	43	34	0.08	-	
York ...	30.16	40	S	2	b	29.96	- .38	40	38	+ 6	WSW	3	b	*	45	33	0.08	-	
Scarborough ...	30.16	38	SSW	3	b	29.91	- .44	42	40	+ 6	WSW	3	c	2	42	36	0.05	-	
Nottingham ...	30.19	41	S	5	b	30.03	- .36	39	38	+ 4	SW	3	b	*	49	35	0.08	-	
Ardrossan ...	29.79	47	S	7	f	29.84	- .28	41	39	- 5	SW	3	o	3	49	40	0.39	-	
Greencastle ...	29.62	49	S	5	o	29.88	- .07	36	35	- 11	W	3	b	*	50	35	0.29	-	
Donaghadee ...	29.77	48	SSE	8	r	29.93	- .17	35	35	- 11	WSW	6	b	5	48	35	0.22	-	
Kingstown ...	29.82	57	SSE	5	o	30.05	- .10	34	37	- 9	W	4	b	3	57	38	0.22	-	
Holyhead ...	29.92	47	S	8	m	30.00	- .20	40	38	- 8	W	3	c	5	49	40	0.29	-	
Liverpool (Bidston)	30.01	45	SSE	4	o	29.98	- .30	37	37	- 2	WSW	5	r	4	46	?	0.07	-	
Valencia ...	29.68	48	SW	6	o	30.08	+ .15	45	41	+ 6	SSW	4	c	4	53	38	0.74	-	
Roche's Point...	29.78	49	SSW	7	o	30.14	+ .05	39	37	- 11	W	3	c	4	57	38	0.45	-	
Pembroke ...	29.99	49	SSE	8	o	30.11	- .13	44	40	- 4	WNW	5	b	5	50	40	0.19	-	
Portishead ...	30.18	41	SE	3	o	30.10	- .27	42	41	0	WSW	5	b	4	50	38	0.16	-	
Seilly ...																			
Plymouth ...	30.14	50	SW	5	o	30.17	- .17	41	41	- 4	WNW	2	bm	*	52	40	0.07	-	
Hurst Castle ...	30.22	49	SSE	6	c	30.14	- .28	48	47	+ 1	WNW	4	b	3	49	40	0.01	-	
Dover ...	30.35	43	SSW	3	b	30.14	- .36	43	41	+ 2	SSW	4	o	3	45	41	0.02	-	
London ...	30.31	44	SSE	2	c	30.10	- .38	44	43	+ 13	WSW	3	b	*	50	31	0.08	-	
Oxford ...	*	*	*	*	*	30.08	- .33	42	41	+ 5	SW	2	b	*	47	37	0.08	-	
Cambridge ...	30.26	38	SSW	1	c	30.06	- .40	39	39	+ 8	SSW	1	b	*	46	30	0.10	-	
Yarmouth ...	30.26	41	S	3	b	30.06	- .43	42	40	+ 8	SSW	4	r	3	44	33	-	-	
The Helder...	*	*	*	*	*	30.18	- .27	31	30	+ 1	SSE	1	c	*	*	*	*	*	-
Cape Gris Nez	30.36	39	S	2	b	30.16	- .36	36	32	+ 2	S	3	c	2	47	34	-	-	
Brest ...	?	48	S	4	o	?	?	48	45	+ 3	NW	3	o	3	50	43	-	-	
L'Orient ...	30.28	45	SSE	4	o	30.27	- .14	48	48	+ 12	NW	3	o	4	52	34	-	-	
Rochefort ...	30.30	46	SE	3	b	30.30	- .09	43	41	+ 7	? W	3	c	3	48	30	-	-	
Biarritz ...	30.25	54	E	3	b	30.33	+ .03	52	48	+ 20	WSW	3	o	3	55	?	-	-	
Corunna ...	*	*	*	*	*										*	*	*	*	-
Brussels ...	*	*	*	*	*	30.24		32	*		SSW	3	c	*	*	*	*	*	-
Charleville ...	*	*	*	*	*	30.27		28	*	+ 7	SSE	3	o	*	*	*	*	*	-
Paris ...	30.41	55	SE	3	b	30.28	- .26	28	*	+ 2	Z	0	f	*	*	*	*	*	-
Lyons ...	*	*	*	*	*	?	?	30	*	- 9	N	2	m	*	*	*	*	*	-
Toulon ...	30.25	48	NW	4	b	30.25	- .07	39	37	- 6	Z	0	b	3	57	?	-	-	

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

	Bar.	Dry.	Wet.	Wind.	Wsa.	Sea.		Bar.	Dry.	Wet.	Wind.	Wsa.	Sea.		
Skudesnaes ...	30.18	38	37	SSE	6	af	5	Valencia	29.73	52	57	SSW	8	r	f
Thurso	29.79	46	45	SSE	4	c	3	Seilly							
Scarborough ...	30.23	43	38	SSW	3	b	2	London	30.37	47	42	SSE	2	b	*
Greencastle ...	29.76	49	47	S	4	o	*	Rochefort ...	30.32	48	45	SE	4	b	3
Holyhead	30.05	47	43	S	7	c	5								

The barometer continues to fall fast at our 11m stations, and a strong gale from the SW has set in over St. George's Channel. Warnings extended to the Channel, and to the NE Coast of England.

EXPLANATION OF COLUMNS.

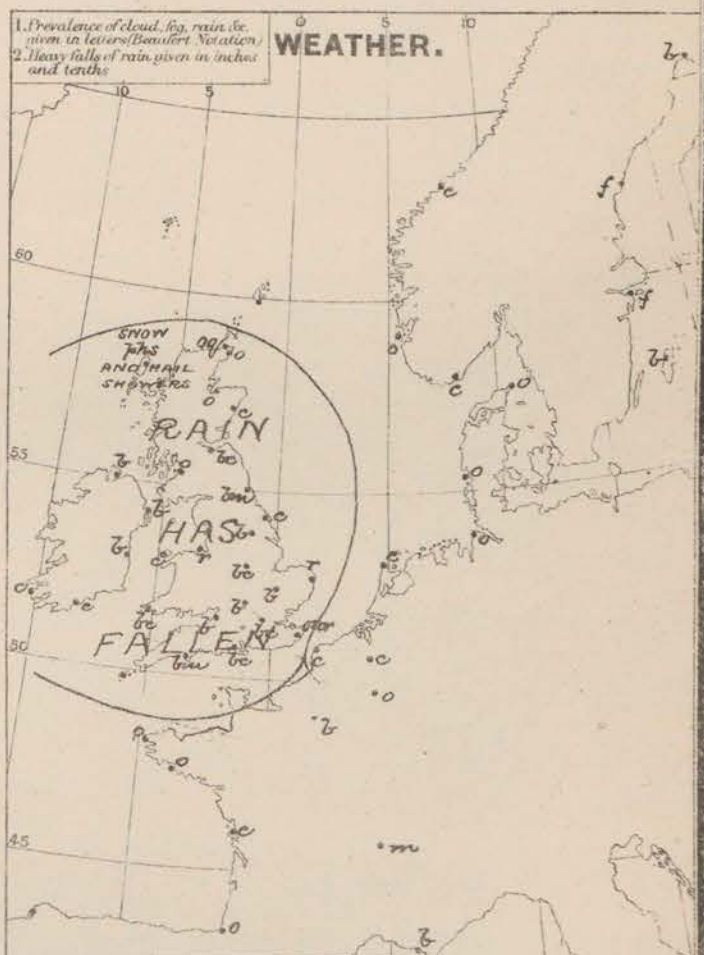
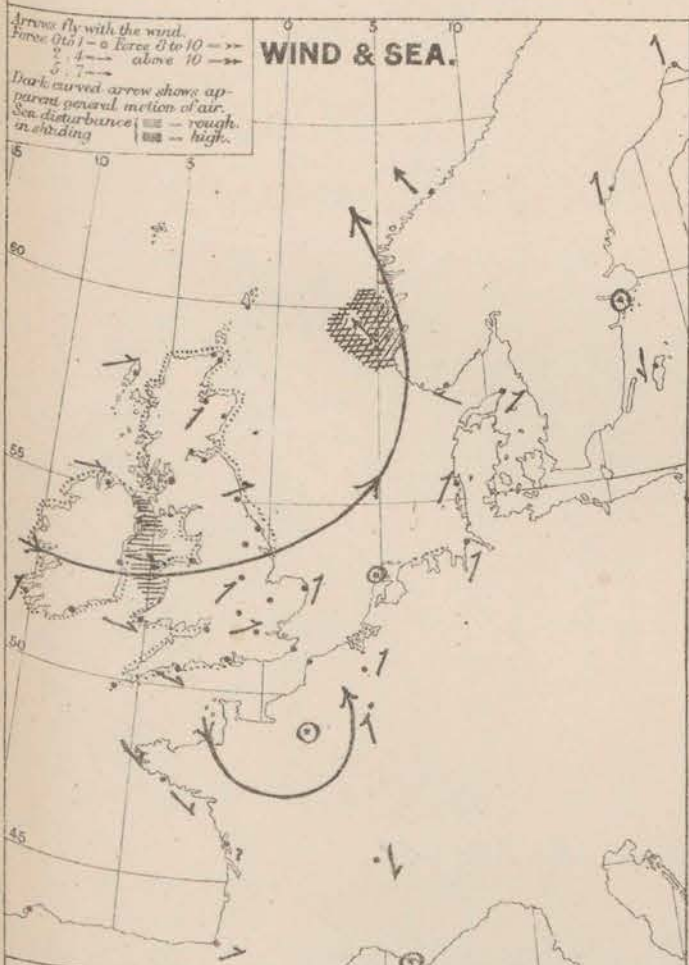
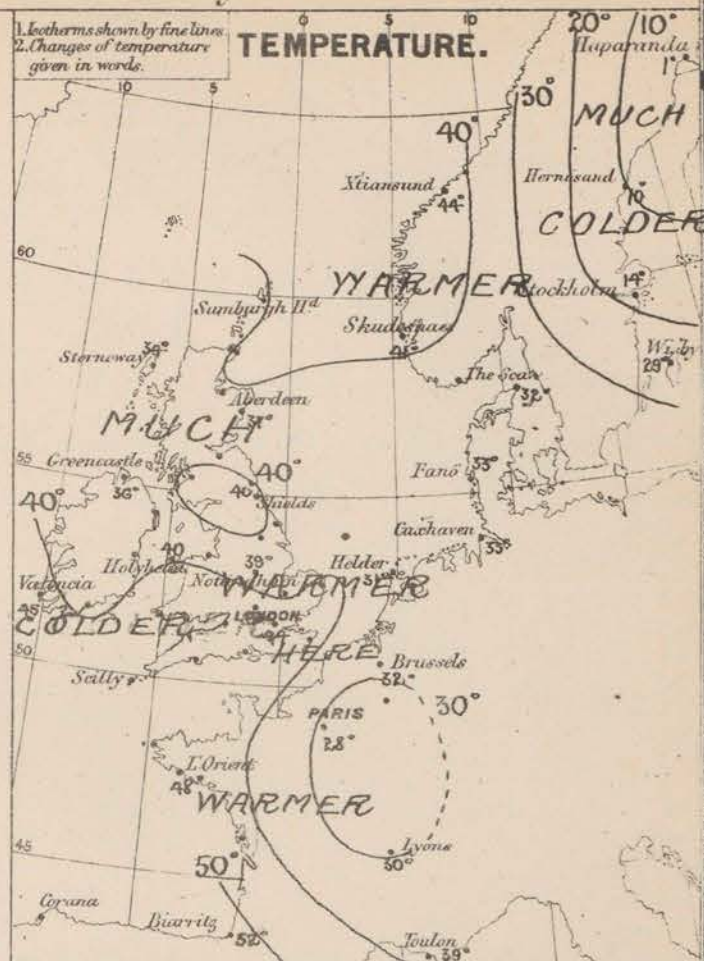
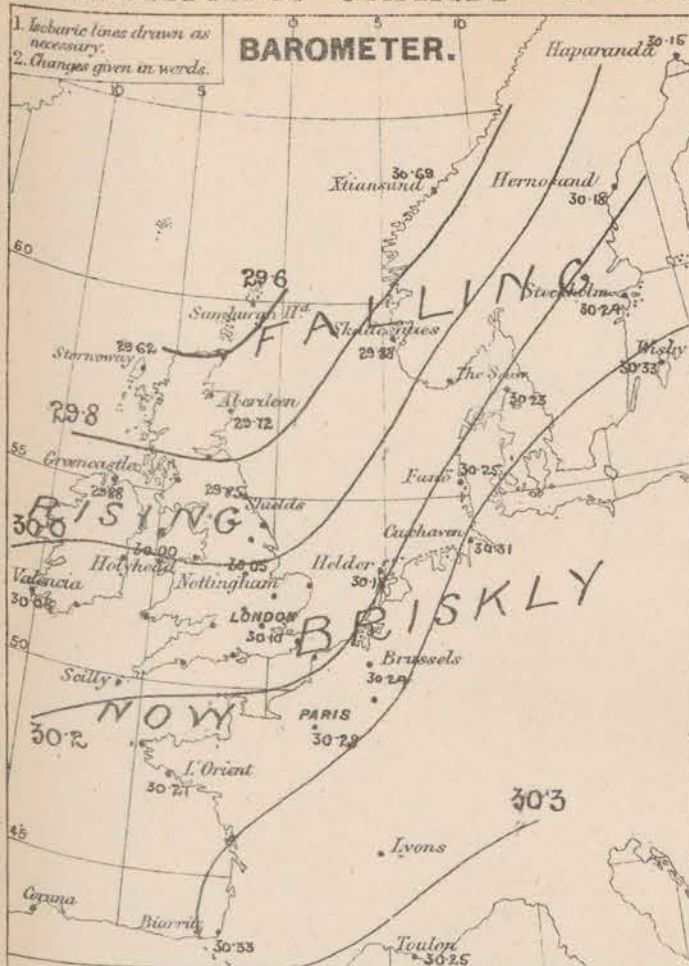
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Jan^y 24th 1877.



Note: A dotted line is drawn from the three crabs where the signals are flying

REMARKS

REMARKS. The fall of the barometer noticed in the W. yesterday was caused by a depression whose centre travelled briskly to the NE^d during the day, and now lies off the N. of Scotland. The barometer has consequently fallen over the remainder of NW^d Europe, but a recovery has been in progress on our E^d and S^d coasts in the night. The wind rose to a gale from the S^d over our W^d and NE^d coasts as the disturbance advanced, and to a strong equally fresh over our SE^d coasts. It has since veered to the W^d and moderated in most places, but a fresh SE. gale still blows at Hudsons, and at Valentia the wind is again backing this morning. Temperature has fallen very fast in the W. and N. (in the rear of the depression), but not in the E. and S. In London it is 13° warmer than at Paris yesterday, but in Paris the weather is still very cold - as much as 16° colder than London. Rain has fallen in all parts of the Kingdom - most in the W. The sky has since cleared considerably in most places, but showers of snow and hail are reported from Norway this morning, and rain at Dover, Yarmouth and S. Poole. Lunar halos were seen at Belfast and Sket-Lette last evening. The sea is high off the W. of Norway, moderate to slight elsewhere. Our W^d coasts were warmed on Monday, and our N^d, NE^d and S^d coasts yesterday.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10^{cts} per quarter, book post 5^{cts} per quarter.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT

JAN^y 25th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.15	4	S	4	b	30.19	+ .04	14	14	+ 13	S	4	0	*	*	*	1	
Hernösand ...	30.16	25	S	4	0	30.19	+ .01	22	22	+ 12	SSW	4	0	*	*	*	1	
Stockholm ...	30.18	27	S	4	0	30.22	- .02	20	28	+ 16	SSW	4	0	*	*	*	1	
Wisby ...	30.24	30	S	4	c	30.29	- .04	31	30	+ 2	S	4	0	*	*	*	1	
Christiansund ...	29.66	23	SE	2	b	29.89	- .10	28	?	- 16	ESE	3	b	4	?	?	-	
Skudesnaes ...	29.91	34	N	2	0	29.84	- .04	36	34	- 5	ESE	6	of	4	41	?	-	
Oxö (Xtiansund) ...	29.97	35	SSE	6	t	30.06	- .09	33	32	0	NE	4	c	2	36	30	-	
Skagen (The Seaw) ...	30.09	32	SSW	2	0	30.12	- .11	32	31	0	SSW	3	0	3	34	28	-	
Fanö ...	30.10	34	E	2	0	30.11	- .14	33	33	0	S	2	f	*	36	30	0.04	
Cuxhaven ...	30.13	*	*	*	*	30.09	- .22	35	35	+ 2	SE	2	ff	*	*	*	-	
Sumburgh Head																		
Stornoway	29.73	34	SW	3	8	29.98	- .64	41	41	+ 9	SSW	8	cy	7	44	38	0.28	
Thurso ...	29.76	34	SSW	1	b	29.15	- .44	39	37	+ 2	SSE	7	cy	4	42	31	0.05	
Wick ...	29.79	35	NW	2	b	29.19	- .42	40	37	- 2	S	9	oa	8	42	35	-	
Nairn ...	29.83	35	SW	1	b	29.14	- .49	40	39	+ 5	SSW	6	0	2	41	34	-	
Aberdeen ...	29.87	38	SW	1	b	29.32	- .40	40	39	+ 3	S	10	t	6	42	36	0.56	
Leith ...	29.92	40	SW	3	b	29.37	- .40	44	43	+ 6	SW	5	p	*	45	38	0.06	
Shields ...	30.05	41	SSW	3	b	29.58	- .35	40	38	0	SSW	7	0	3	43	40	-	
York ...	30.10	39	SW	1	b	29.57	- .39	39	39	- 1	S	5	p	*	41	32	0.06	
Scarborough ...	30.10	37	S	1	b	29.63	- .23	39	39	- 3	SSE	7	t	5	43	36	0.03	
Nottingham ...	30.18	35	SW	1	b	29.67	- .36	41	41	+ 2	SSE	7	p	*	45	33	0.04	
Ardrossan ...	29.94	44	SW	4	t	29.37	- .47	47	44	+ 6	SSW	5	t	5	48	33	0.39	
Greencastle ...	29.94	42	SW	1	0	29.36	- .52	41	39	+ 5	N	4	b	*	47	30	0.11	
Donaghadee ...	29.95	43	SSW	4	0	29.45	- .48	45	43	+ 10	SSW	5	c	5	47	35	0.25	
Kingstown ...	29.99	44	SSE	3	0	29.57	- .54	47	45	+ 8	N	5	c	4	51	38	0.15	
Holyhead ...	30.05	44	SW	4	m	29.53	- .47	47	45	+ 7	N	3	t	3	50	40	0.43	
Liverpool (Bidston) ...	30.10	30	SSW	3	0	29.52	- .46	43	43	+ 6	SSE	5	t	4	44	?	0.03	
Valencia ...	29.79	47	S	4	t	29.71	- .37	45	40	0	NW	5	leg	4	53	44	0.27	
Roche's Point... ..	29.92	48	S	5	c	29.64	- .68	46	44	+ 7	NW	4	bc	4	52	?	0.70	
Pembroke ...	30.11	47	ENE	4	0	29.58	- .53	50	50	+ 6	SW	8	p	5	50	43	0.54	
Portishead ...	30.18	40	SSW	3	0	29.68	- .42	50	50	+ 8	SSW	7	tu	4	50	37	0.21	
Scilly ...																		
Plymouth ...	30.21	44	SW	1	c	29.75	- .42	57	57	+ 10	SW	5	of	*	52	40	0.40	
Hurst Castle ...	30.22	42	NW	2	b	29.77	- .37	57	57	+ 3	SW	6	om	4	57	37	0.04	
Dover ...	30.27	41	NW	3	b	29.96	- .18	44	43	+ 1	SSW	4	0	3	47	36	0.06	
London ...	30.23	43	N	2	bm	29.81	- .29	45	45	+ 1	S	5	ag	*	48	33	0.07	
Oxford ...	*	*	*	*	*	29.70	- .35	45	45	+ 3	SE	3	r	*	45	35	0.04	
Cambridge ...	30.20	35	NW	1	b	29.79	- .27	41	41	+ 2	SW	2	t	*	49	32	0.07	
Yarmouth ...	30.15	40	NW	2	b	29.94	- .44	43	41	+ 1	S	5	c	4	45	34	0.01	
The Helder ...	*	*	*	*	*	30.05	- .13	33	33	+ 2	L	0	f	*	*	*	0.12	
Cape Gris Nez	30.23	45	NNW	1	b	29.99	- .17	39	37	+ 3	SSE	3	t	2	48	36	0.04	
Brest ...	?	30	SSW	2	0	?	?	52	48	+ 4	SW	4	0	5	52	46	-	
L'Orient ...	30.28	44	SW	1	c	30.04	- .23	52	50	+ 4	SSW	4	b	5	52	43	-	
Rocheport ...	30.30	48	N	1	0	30.08	- .22	50	48	+ 7	SSW	4	0	3	54	32	-	
Biarritz ...	30.36	42	SSW	1	c	30.25	- .08	46	46	+ 2	SW	3	0	4	55	45	-	
Coranna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.10	- .44	33	*	+ 1	S	3	0	*	*	*	*	
Charleville ...	*	*	*	*	*	?	?	31	*	+ 3	SSE	3	d	*	*	*	*	
Paris ...	30.25	35	SSW	3	m	30.12	- .16	35	*	+ 7	SSE	3	f	*	*	*	-	
Lyons ...	*	*	*	*	*	?	?	41	*	+ 11	N	2	0	*	*	*	*	
Toulon ...	30.22	46	N	3	b	30.12	- .10	43	36	+ 4	NW	2	b	3	52	39	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.79	38	37	SE	8	rf	7	Valencia	29.99	46	43	NW	6	ag	5
Thurso	29.73	39	37	SW	3	bc	3	Scilly							
Scarborough ...	30.05	43	40	N	2	b	2	London	30.19	45	41	NW	2	c	*
Greencastle ...	29.90	40	39	N	3	o	*	Rocheport ...	30.30	50	46	S	3	o	3
Holyhead	30.09	44	41	SW	4	b	3								

Pressure has increased slowly in most places since the morning, but at Valencia it has fallen somewhat; though the wind there has moved towards N. again.

EXPLANATION OF COLUMNS.

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

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

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DAILY WEATHER REPORT

JAN^y 26th 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 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 ...	30.22	22	S	6	o	30.26	+ .07	26	26	+ .12	S	6	o	*	*	*	-	
Hernösand ...	30.25	23	SW	2	o	30.25	+ .06	28	27	+ .6	S	8	o	*	*	*	-	
Stockholm ...	30.25	30	SSE	4	o	30.25	+ .03	27	27	- .3	SSE	4	o	*	*	*	-	
Wisby ...	30.21	27	S	6	o	30.25	- .04	26	25	- .5	SSE	6	o	*	*	*	-	
Christiansund ...	29.58	41	SE	4	c	29.66	+ .07	38	32	+ .10	SSE	5	c	3	41	?	-	
Skudesnaes ...	29.64	36	ESE	8	o	29.87	+ .03	34	31	- .2	ESE	8	o	6	37	?	-	
Oxö (Xtinsand) ...	29.87	33	SSE	8	o	29.96	- .10	32	31	- .1	ESE	7	o	5	36	30	-	
Skagen (The Seaw) ...	29.99	31	SSE	6	o	30.03	- .09	30	28	- .2	SSE	6	o	6	34	27	-	
Fanö ...	29.79	31	SSE	8	o	29.80	- .31	30	29	- .3	SE	4	o	*	34	30	-	
Cuxhaven ...	29.91	*	*	*	*	29.62	- .47	30	30	- .5	SE	8	c	*	*	*	0.12	
Sumburgh Head ...																		
Stornoway ...	29.29	34	WNW	8	bc	29.85	+ .67	32	31	- .11	W	1	bc	4	43	31	0.40	
Thurso ...	29.31	37	NSW	4	bc	29.80	+ .65	34	33	- .5	NSW	3	bc	4	43	34	0.21	
Wick ...	29.39	35	NW	4	bc	29.85	+ .66	34	33	- .6	SW	1	bc	2	43	32	0.02	
Nairn ...	29.42	35	W	3	bc	29.87	+ .71	34	32	- .6	W	2	bc	1	42	33	0.04	
Aberdeen ...	29.44	37	SW	1	bc	29.85	+ .53	35	32	- .5	W	1	bc	2	44	33	0.02	
Leith ...	29.57	37	NSW	4	bc	29.91	+ .34	35	34	- .9	NSW	3	bc	*	47	33	0.06	
Shields ...	29.57	40	W	3	bc	29.97	+ .47	34	32	- .6	W	3	bc	3	46	34	0.05	
York ...	29.63	40	W	2	bc	29.99	+ .42	34	33	- .5	NW	3	bc	*	41	33	0.08	
Scarborough ...	29.80	38	WNW	2	bc	29.93	+ .30	36	34	- .3	NW	3	bc	3	45	35	0.14	
Nottingham ...	29.70	39	W	1	bc	29.94	+ .27	36	34	- .5	WNW	4	bc	*	48	32	0.09	
Ardrossan ...	29.58	43	WNW	4	bc	30.00	+ .63	37	36	- .10	WNW	1	bc	1	48	36	0.16	
Greencastle ...	29.55	38	W	4	bc	30.00	+ .64	36	35	- .5	W	3	bc	*	42	33	0.30	
Donaghadee ...	29.69	40	WNW	3	bc	30.06	+ .61	33	33	- .12	W	3	bc	2	44	32	0.03	
Kingstown ...	29.78	39	W	5	bc	30.13	+ .62	38	35	- .9	W	4	bc	5	47	35	-	
Holyhead ...	29.72	41	W	6	c	30.08	+ .55	44	39	- .3	WNW	5	bc	5	48	39	0.01	
Liverpool (Bidston) ...	29.69	41	W	5	c	30.04	+ .32	40	37	- .3	WNW	6	bc	4	45	39	0.02	
Valencia ...	29.98	42	NW	5	c	30.20	+ .49	43	41	- .2	SW	2	c	3	46	36	0.07	
Roche's Point ...	29.95	43	NW	5	bc	30.21	+ .55	40	37	- .6	WNW	3	bc	3	47	35	0.08	
Pembroke ...	29.82	43	WNW	7	c	30.16	+ .38	43	39	- .7	NW	4	bc	3	50	44	0.02	
Portishead ...	29.79	41	WNW	7	bc	30.12	+ .44	39	37	- .11	WNW	4	bc	4	52	36	0.26	
Scilly ...																		
Plymouth ...	29.89	42	NW	4	o	30.19	+ .44	36	36	- .15	NSW	2	bc	*	53	35	0.06	
Hurst Castle ...	29.77	45	NW	5	bc	30.10	+ .33	39	38	- .12	NW	4	bc	4	53	35	?	
Dover ...	29.66	43	NW	5	c	29.97	+ .01	37	35	- .7	WNW	3	bc	3	54	36	0.56	
London ...	29.72	45	NW	3	bc	30.04	+ .23	33	32	- .12	W	2	bc	*	53	33	0.21	
Oxford ...	*	*	*	*	*	30.06	+ .33	34	33	- .11	W	1	bc	*	53	34	0.17	
Cambridge ...	29.64	43	NW	2	c	29.99	+ .20	35	34	- .6	NW	2	bc	*	57	34	0.14	
Yarmouth ...	29.62	43	NW	4	c	29.89	- .03	36	35	- .7	NW	4	bc	4	47	33	0.16	
The Helder ...	*	*	*	*	*	29.66	- .39	43	40	+ .10	NW	5	c	*	*	*	0.67	
Cape Gris Nez ...	29.41	48	SW	6	c	29.98	- .01	39	37	o	WNW	7	bc	6	50	37	0.82	
Brest ...	?	50	WNW	5	bc	?	?	45	39	- .7	WNW	3	bc	4	54	39	0.16	
L'Orient ...	30.04	46	WNW	5	bc	30.28	+ .24	43	39	- .9	WNW	4	c	4	54	39	-	
Rochefort ...	30.05	52	NSW	6	c	30.28	+ .20	46	43	- .4	WNW	5	bc	3	57	36	-	
Biarritz ...	30.15	57	NW	3	bc	30.32	+ .07	52	46	- .2	WNW	4	c	5	64	45	0.12	
Corunna ...	*	*	*	*	*									*	*	*	*	
Brussels ...	*	*	*	*	*	29.87	- .23	38	*	+ .5	WNW	6	o	*	*	*	*	
Charleville ...	*	*	*	*	*	?	?	36	*	+ .5	SW	6	o	*	*	*	*	
Paris ...	29.80	48	SW	3	bc	30.08	- .04	37	*	+ .2	WNW	4	bc	*	*	*	0.12	
Lyons ...	*	*	*	*	*	?	?	45	*	+ .4	W	4	c	*	*	*	*	
Toulon ...	29.98	50	NW	5	bc	29.88	- .24	46	37	+ .3	NW	6	bc	6	55	43	-	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.69	37	35	SE	8	a	7	Valencia	29.89	39	37	NW	6	og. h	6
Thurso	29.17	43	40	SW	5	bc	5	Scilly							
Scarborough ...	29.53	45	44	W	2	a	3	London	29.62	53	52	SW	3	omd	*
Greencastle ...	29.48	39	37	W	4	og	*	Rochefort ...	30.07	57	52	W	6	bc	3
Holyhead	29.64	44	40	W	6	bc	5								

The barometer is now rising at all our Wm. stations, where the winds has shifted to W or NW with a considerable fall of temperature. In the E the mercury has fallen but the wind is veering round and has lulled.

Warning signal lowered in the W.

EXPLANATION OF COLUMNS.

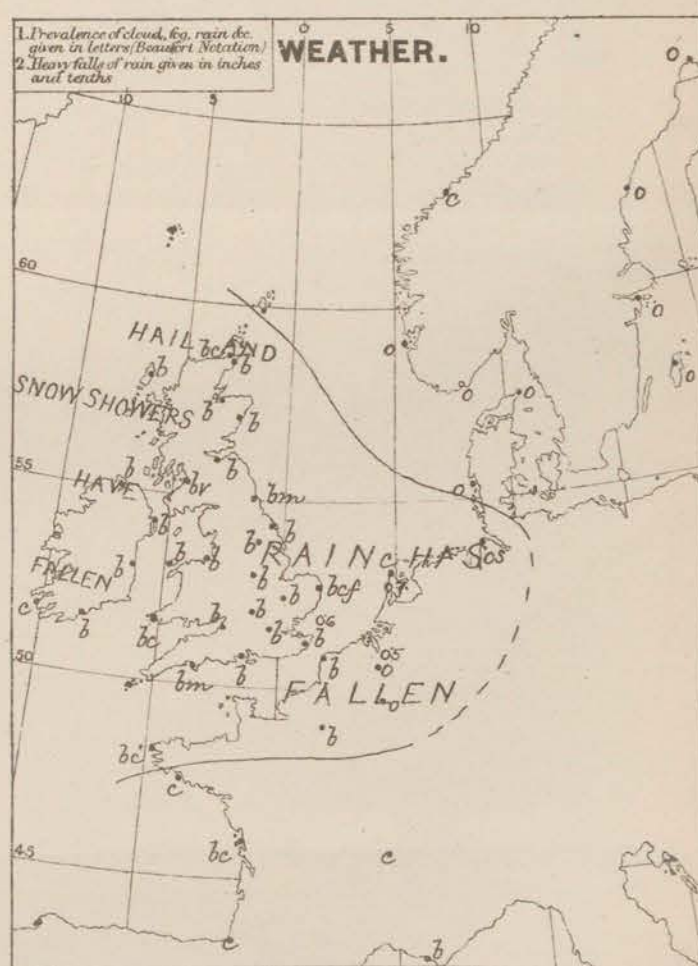
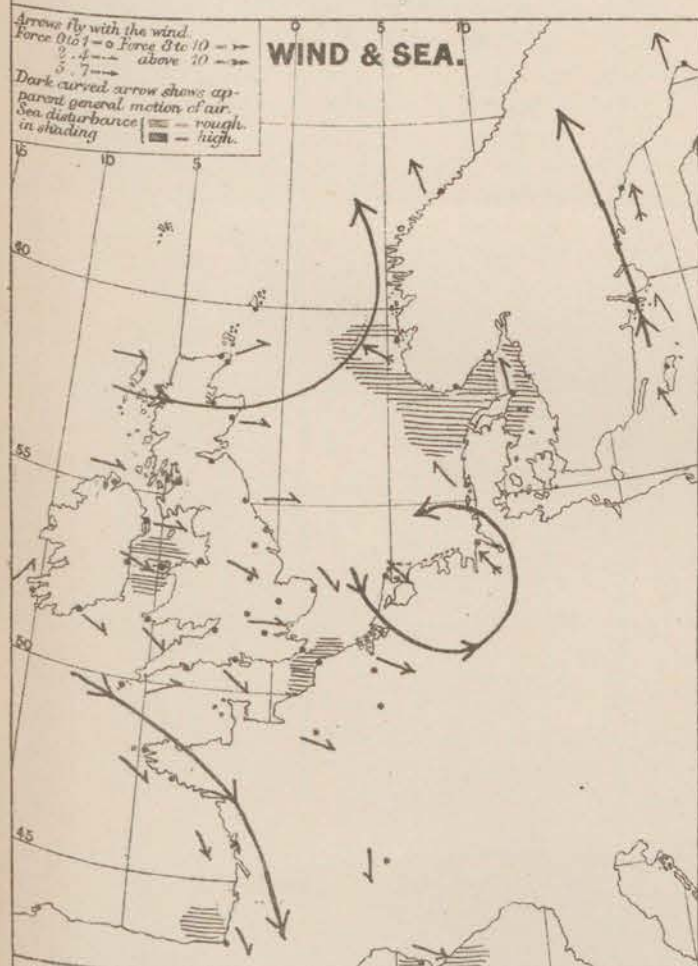
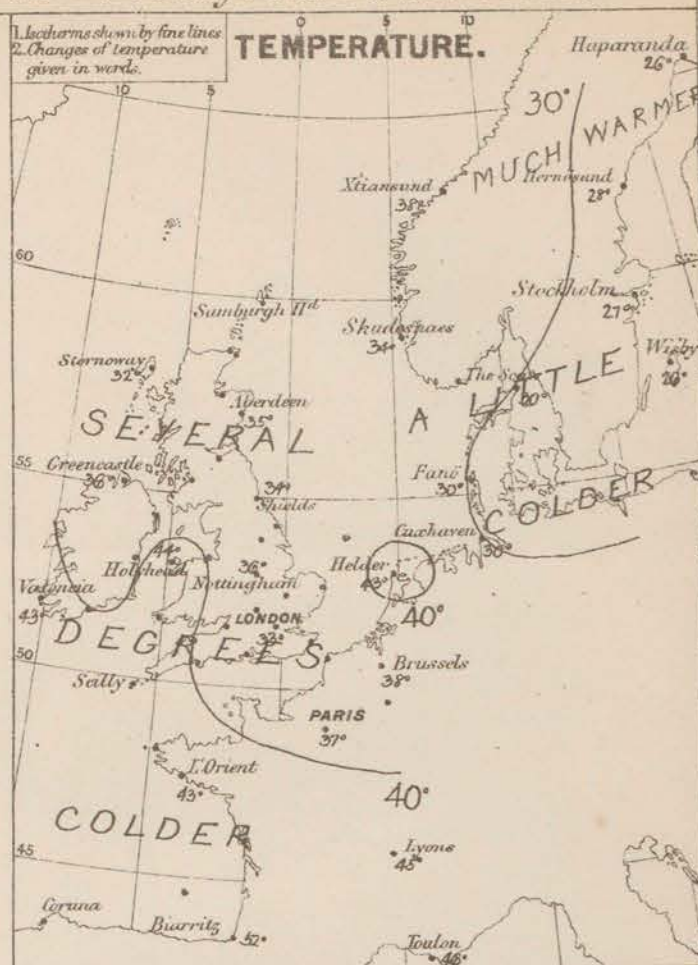
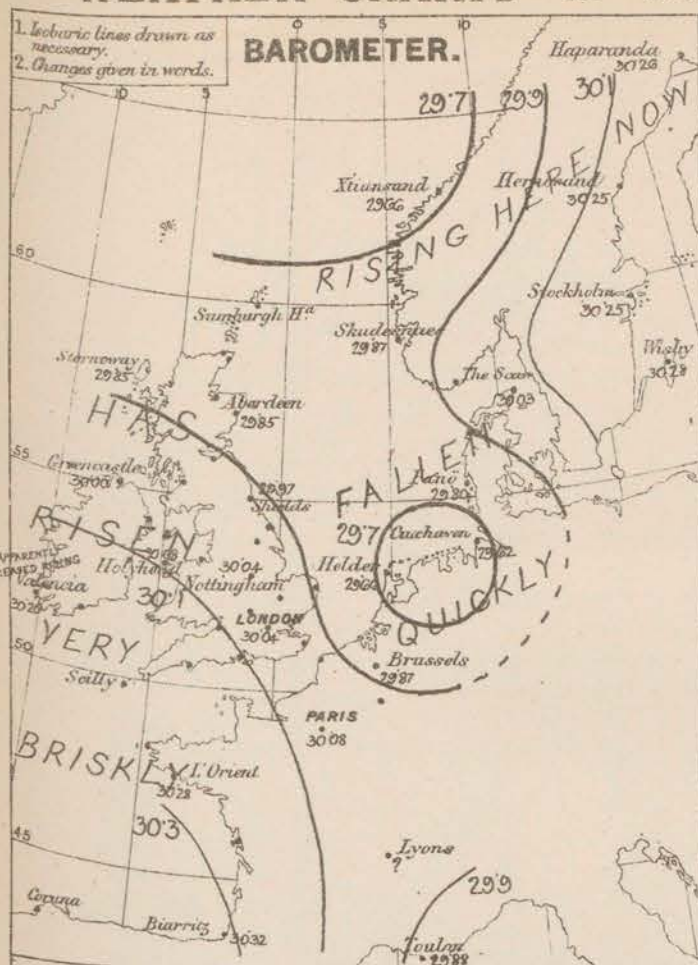
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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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 26TH JAN^Y 1877.



REMARKS. The large depression which lay near the Hebrides yesterday morning has travelled away to the NNE^{ws}, while the small one which we noticed over the Irish Sea has passed to the E^{ws} and now lies over Holland. The barometer has consequently risen very quickly in our Islands (especially in the north west) while it has fallen fast in North Germany, and while moderate gradients for NW winds prevail in our Islands, steep ones for SE^{ly} to S^{ly} winds are found in Scandinavia and North Germany. The gales reported in Holland yesterday morning soon subsided and moderate to fresh W to NW winds now prevail over nearly the whole of the British Isles and France, while SE^{ly} gales and strong winds have set in on the eastern shore of the North Sea. Temperature has fallen fast over our Islands, the west of France and in Denmark but has risen in Sweden and at the eastern French stations. In London the thermometer stands at 33° in the shade and 28° on the grass this morning. Rain has fallen very generally, with hail and lightning in the north west and snow in Scotland but the sky has since cleared over the United Kingdom, while it is overcast to the eastward and south eastward of the North Sea, and snow is falling at Copenhagen. The sea is moderate or slight on nearly all our coasts but rather rough in the Irish Channel, and high about the south of Norway and Skager Rack.

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

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

R. H. SCOTT,
Director.

Dangerfield Lith. 22 Bedford St. Covent Garden

DAILY WEATHER REPORT JANUARY 27TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.25	21	SW	6	o	30.13	-.13	21	20	-.5	SW	4	bc	*	*	*	-	
Hernösand ...	30.34	26	S	4	o	30.30	+.05	24	24	-.4	SSW	4	o	*	*	*	-	
Stockholm ...	30.41	25	SSE	4	o	30.37	+.12	23	23	-.4	S	4	o	*	*	*	-	
Wisby ...	30.42	23	ESE	6	o	30.39	+.11	22	21	-.4	SSE	4	o	*	*	*	-	
Christiansund ...	29.95	25	S	4	ci	29.98	+.12	35	30	-.3	SE	5	bc	4	39	32	-	
Skudesnaes ...	30.21	31	SE	8	+	30.06	+.19	32	30	-.2	SE	9	o	7	34	?	-	
Oxö (Xtiansand)	30.25	31	E	6	o	30.24	+.28	31	29	-.1	SE	4	o	3	32	28	0.39	
Skagen (The Seaw)	30.29	30	SE	3	o	30.30	+.27	28	26	-.2	SE	3	o	2	32	25	-	
Fanö ...	30.23	28	E	4	o	30.26	+.46	29	28	-.1	SE	4	o	*	30	28	-	
Cuxhaven ...	29.95	*	*	*	*	30.25	+.63	26	24	-.4	SE	3	o	*	*	*	-	
Sumburgh Head																		
Stornoway																		
Thurso ...	29.76	41	SSW	7	o	29.57	-.34	40	38	+.8	WSW	5	bc	5	44	31	0.28	
Wick ...	29.87	36	S	2	o	29.53	-.27	41	40	+.7	S	2	bc	3	47	3	0.16	
Nairn ...	29.88	39	SW	4	bc	29.57	-.28	42	40	+.8	SW	3	bc	2	48	32	0.10	
	29.94	34	N	1	bc	29.60	-.27	44	41	+.10	SSW	4	bc	2	44	32	-	
Aberdeen ...	29.98	36	Z	0	bc	29.67	-.18	41	40	+.6	S	4	o	4	42	35	0.06	
Leith ...	30.05	38	SW	2	bc	29.74	-.17	47	44	+.12	WSW	3	bc	*	49	34	0.04	
Shields ...	30.11	39	NN	3	bc	29.91	-.06	38	37	+.4	SW	5	o	2	42	34	0.04	
York ...	30.14	36	NNW	1	bc	30.01	+.02	36	36	+.2	S	2	o	*	44	32	0.12	
Scarborough ...	30.18	47	NN	1	bc	30.00	+.07	36	36	0	S	4	m	4	41	35	0.08	
Nottingham ...	30.19	35	S	1	o	30.08	+.04	37	37	+.1	S	4	+	*	43	30	0.11	
Ardrossan	30.06	43	SSW	4	o	29.80	-.20	48	45	+.11	SW	3	+	4	48	36	0.20	
Greencastle ...	29.96	40	S	2	o	29.80	-.20	44	44	+.8	NN	4	tg	*	47	35	0.19	
Donaghadee ...	30.00	40	SW	3	bc	29.87	-.19	43	43	+.10	SW	4	bc	2	46	33	0.21	
Kingstown ...	30.13	42	SSE	3	c	29.95	-.18	48	45	+.10	N	5	bc	4	50	36	0.04	
Holyhead ...	30.14	41	SW	2	bc	29.96	-.12	48	48	+.4	N	3	c	4	50	40	0.22	
Liverpool (Bidston)	30.17	39	W	2	bc	29.97	-.07	46	45	+.6	S	2	o	3	46	37	0.16	
Valencia ...	30.05	48	SSW	6	+	30.11	-.09	49	47	+.6	NNW	2	cm	3	53	42	0.34	
Roche's Point...	30.13	47	WSW	4	+	30.10	-.11	45	43	+.5	N	2	bc	3	51	40	0.21	
Pembroke ...	30.21	45	SW	2	o	30.02	-.14	49	49	+.6	SW	5	of	4	49	42	0.08	
Portishead ...	30.20	40	NNW	3	bc	30.10	-.02	43	43	+.4	SSW	5	c	3	46	35	0.04	
Scilly ...																		
Plymouth ...	30.25	43	NN	2	o	30.16	-.03	48	48	+.12	SW	2	od	*	49	36	0.03	
Hurst Castle ...	30.21	42	NNW	3	bc	30.17	+.07	47	47	+.8	SW	5	om	3	47	35	-	
Dover ...	30.15	39	N	3	bc	30.23	+.26	37	36	0	WSW	2	c	1	42	33	-	
London ...	30.19	41	NN	2	bc	30.20	+.16	36	35	+.3	S	2	o	*	43	28	0.01	
Oxford ...	*	*	*	*	*	30.14	+.08	37	36	+.3	S	2	+	*	42	30	0.02	
Cambridge ...	30.18	34	NN	1	c	30.17	+.18	34	33	-.1	SSW	1	+	*	44	29	0.04	
Yarmouth ...	30.18	40	NN	4	bc	30.18	+.29	36	35	0	SW	2	c	3	41	32	0.02	
The Helder ...	*	*	*	*	*	30.23	+.57	36	29	-.13	Z	0	c	*	*	*	0.39	
Cape Gris Nez	30.13	41	NNW	6	bc	30.19	+.21	41	37	+.2	WSW	2	c	2	43	39	-	
Brest ...	?	50	N	1	bc	?	?	50	46	+.5	N	3	o	4	50	39	0.04	
L'Orient ...																		
Rochefort ...	30.28	50	NNW	5	bc	30.38	+.10	41	39	-.5	SSE	1	o	3	55	39	-	
Biarritz ...	30.32	54	NN	4	+	30.35	+.03	43	41	-.9	SSE	1	o	4	54	39	0.20	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.28	+.41	31	*	-.7	NNW	1	o	*	*	*	*	
Charleville ...	*	*	*	*	*	?	?	32	*	-.4	NE	3	o	*	*	*	*	
Paris ...	30.17	39	NN	4	bc	30.31	+.23	32	*	-.5	NN	4	bc	*	*	*	*	
Lyons ...	*	*	*	*	*	?	?	41	*	-.4	N	2	bc	*	*	*	*	
Toulon ...	29.88	37	NN	8	bc	29.98	+.10	41	39	-.5	N	3	bc	4	46	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.11	33	29	SE	8	c	6	Valencia	* 30.12	47	45	SW	5	+	5
Thurso	29.91	40	37	SW	2	b	4	Scilly							
Scarborough ...	30.06	41	38	NNW	3	b	3	London	30.13	43	39	NN	3	bc	*
Greencastle ...	30.02	40	39	SW	2	b	*	Rochefort ...	30.28	48	43	NNW	5	b	3
Holyhead	30.15	44	41	N	4	b	3								

The barometer has again begun to fall at Valencia, accompanied by a freshening SW wind, rain, and a rising sea. In the E. the mercury continues to rise, but in the W. the wind is backing generally. Warnings sent to our W. and N. coasts this afternoon.

* Owing to a telegraphic error, the reading of the barometer at Valencia was received as 30.02 instead of 30.12, and warnings were consequently issued (unnecessarily) to our W. Coasts.

EXPLANATION OF COLUMNS.

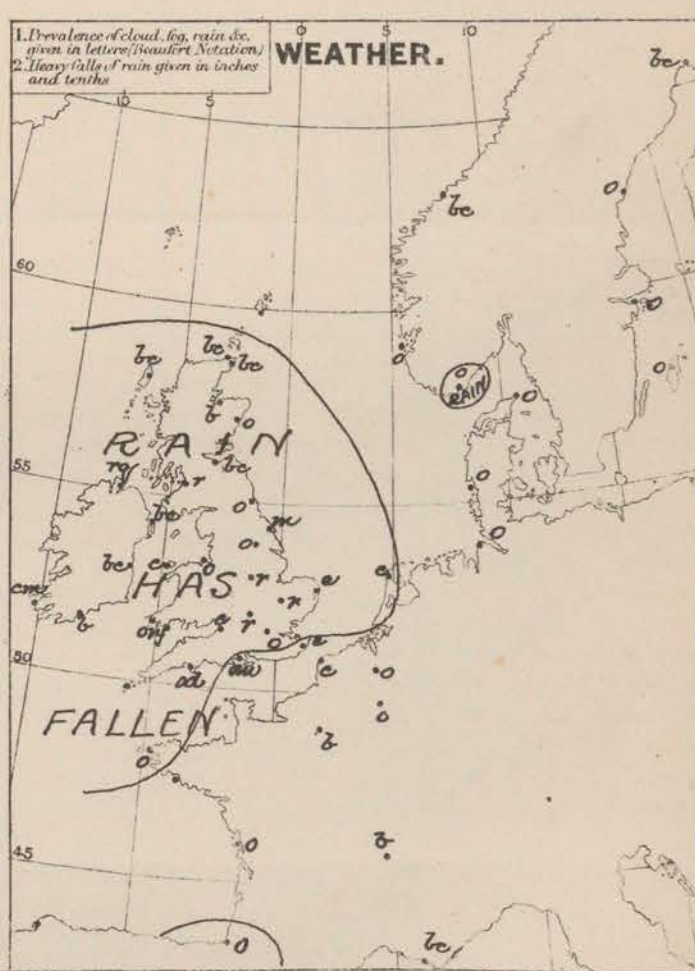
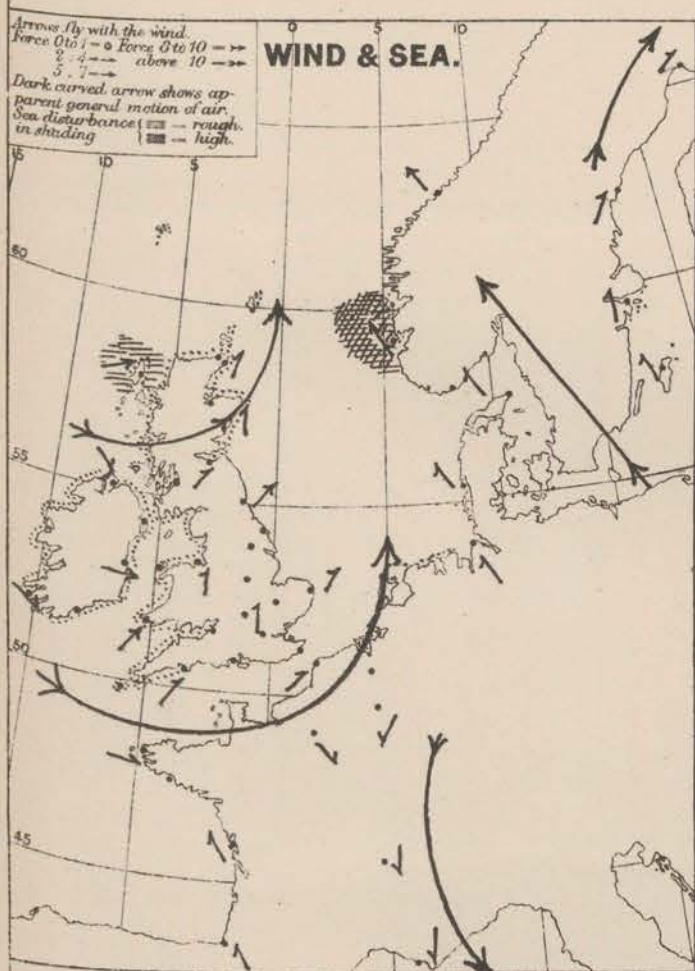
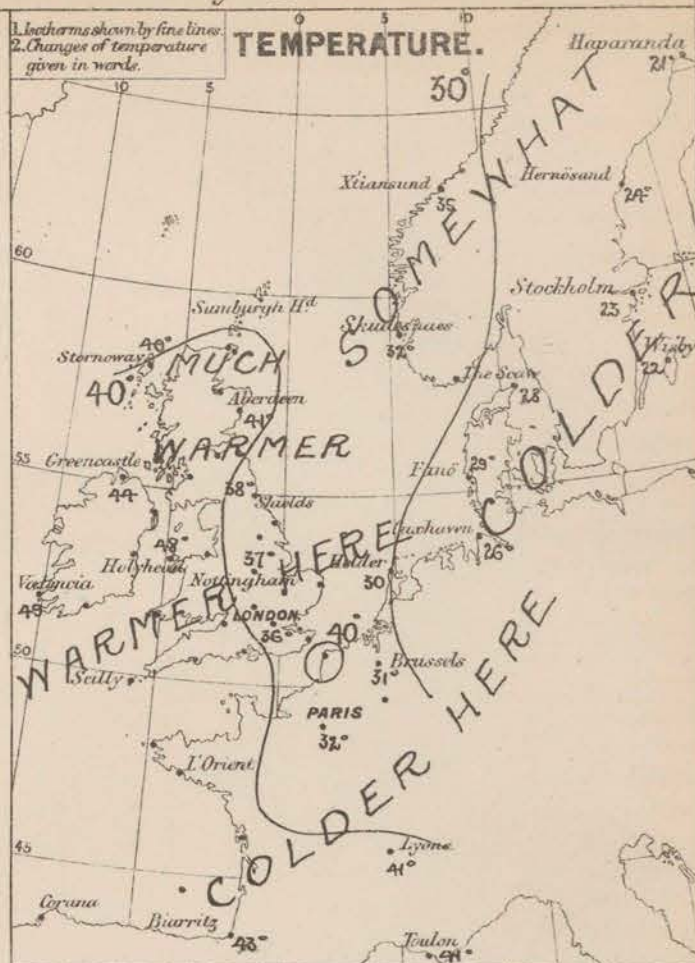
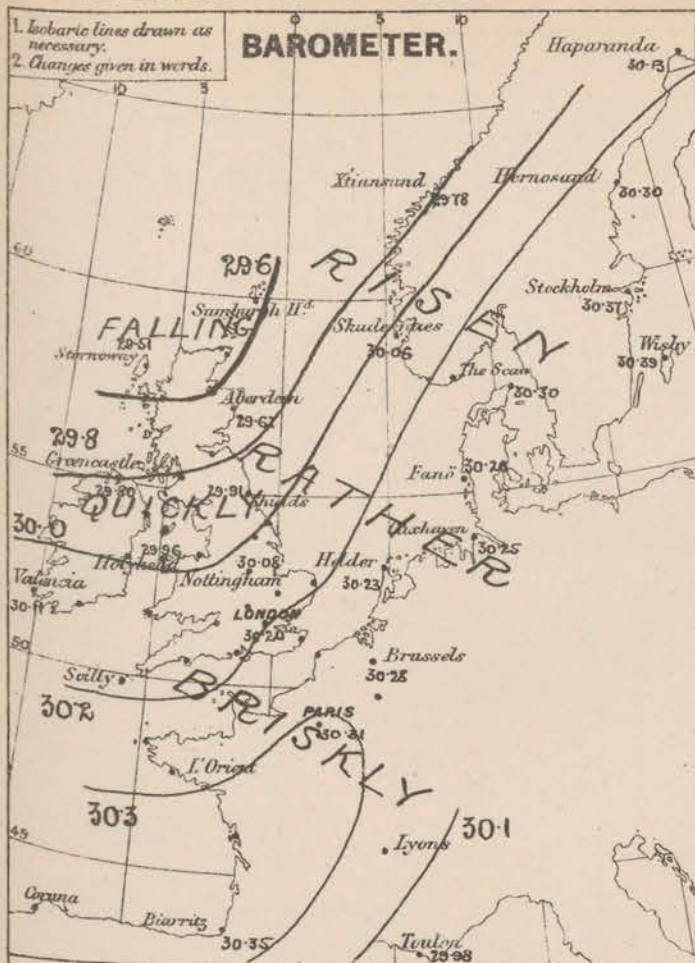
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Saturday Jan^y 27th 1877.



REMARKS. The fall of the barometer which had commenced in the W. yesterday has since travelled N^W and extended to a less extent over the remainder of our Islands. An area of low pressure lies off the N. of Scotland, and a secondary depression over St. George's Channel, while an area of high pressure is shown over the Peninsula, and SW. of France, and another over the Baltic. The wind rose to a gale from SW. in Scotland during the night, and to a strong equally breeze along our W. coasts. The gale has now subsided in our Islands, but has commenced blowing from SE at Shetland. Moderate W. winds now prevail in Ireland, S. winds in England, and SW. in Scotland. Temperature has again risen, especially in the N., but fallen in most other places. It was very low in the SE. during the night, having fallen to 28° in the shade, and 22° at the grass in London, but it is now rising quickly. Rain has fallen over nearly the whole of the United Kingdom, and NW. of France. In Scotland, and the E. of Ireland the sky has since cleared, but in England it is still overcast, with rain or mist in some places. The sea is high off the SW. of Norway, but moderate elsewhere. Our W. and N. coasts were warmed yesterday.

SUMMARY OF WEATHER IN WESTERN EUROPE

from JAN^y 21ST to JAN^y 27TH 1877.

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

During the first two days of this period the weather over these Islands was very fine, an area of high readings lying over the S.E.^m stations, and gradients being slight on all coasts. On Monday night, however, the barometer began to fall rather quickly in the W. the anticyclone moved E^{wd} and rather steep gradients for S.E. winds were formed over us which continued to increase till Tuesday night when a fresh gale blew on our W. and N.W. Coasts. By the next morning the depression was moving away, the wind had veered to W. and temperature fallen, but during the day pressure again gave way in the W. and S.E. gales recommenced in the W. and N. The recovery which set in after this fall of the barometer was more decided, and on Friday morning fresh N.W. winds and fine weather prevailed which, however, by Saturday had given way as a new disturbance advanced to the N. of Scotland, while in the evening W. breezes were again reported. Temperature and weather ~~has~~ changed with the winds, but since the 24th rain has fallen very generally. —

JAN^y 21ST The deep depression which at the close of the previous week lay off Christiansund, had travelled on N.E.^{ly} to Lapland, a rapid rise of the barometer occurring at the Norwegian stations, while in all parts of W. Europe a further increase of pressure was reported. An area of high readings (exceeding 30.6 ins) had been formed over the South of England and N. of France whence they decreased to 30.0 ins in the Hebrides, and to 30.2 ins at Toulon. The wind was S.W.^{ly} and fresh in force in the W. and N. of these Islands, while over England and the N. of France variable airs prevailed, and over the Bay of Biscay S.E.^{ly} breezes. Temperature had risen in the W. and N. but fallen fast over the N. of France and the S.E. of England. In London the thermometer had fallen to 28° during the morning. The sky was overcast in the W. but much clearer elsewhere, except that a thick fog prevailed in London. During the day pressure did not change much and the weather continued fine generally.

JAN^y 22ND The changes in pressure had not been large in any part of W. Europe. In most places it still rose, but at our S.W. stations, in the N. of France, and on the E. shore of the North Sea a slight decrease was reported. Moderate E.^{ly} breezes over the Bay of Biscay and S.E. winds in the W. and N. were still reported, while at the Central stations light airs still prevailed. Temperature had changed irregularly, while it had fallen over Scotland, the N. of Ireland, and France, in the E. of England it had risen. In London the thermometer had again fallen to 28° during the night and a difference of 19° existed between Paris and Valencia. The sky was clear except in the W. and scarcely any rain had fallen. During the day the barometer fell more quickly in the W. the S.E. wind freshened and the anticyclone moved E.^{ly} slowly. —

JAN^y 23RD The area of high pressure had moved slightly Eastward, while at the same time the decrease of pressure noticed over Ireland had continued briskly, and extended to all other parts of our Islands. In consequence, uniform but rather steep gradients had been formed, and the S.E. current had become strong in the W. and extended to all our stations. In the N. of France E.^{ly} breezes still held, while over Scandinavia the barometer had risen and light airs were reported. Temperature had risen in the W. and N. but fallen slightly elsewhere, and a difference of 25° existed between Paris and Valencia. The sky remained generally clear, but

over Ireland it was overcast with rain. Later Reports showed very little change in the positions of the areas of high and low pressures, but as the fall in the W. continued in excess of that in the SE, gradients became still steeper, and the SW wind increased to a hard gale in the W.

JAN^y 24th The depression which was shown off our N.W. Coasts on the 23rd now lay to the West of Scotland, and the barometer was rising briskly in the W. while it was falling equally quickly in the E. A strong SE^y breeze prevailed over Norway, but in these Islands the wind had veered to W. and moderated. At Valentia, however, it was again backing towards S. Temperature had fallen fast in the W and N, and also in Sweden, but had risen in the SE, and S. In the N of France the change had been very much less than in England, and at 8 am. Paris was 18° colder than London. The sky was generally moderately clear in the S. but in the N, it was overcast and snow was falling at Storoway. Later in the day a rapid fall of the barometer took place at Valentia, and the wind backed to S. in the SW.

JAN^y 25th During the night the decrease of pressure noticed in the SW had extended to our W^m and N^m coasts and in a less degree to all parts of the Kingdom. A rather deep depression had advanced nearly to the Hebrides, and a small secondary disturbance lay off the Welsh Coasts. Stiff SE gales prevailed at 8 am over Scotland, and strong breezes from the same quarter over England, but in the W. the wind after blowing a hard gale from S. during the night had veered to W. and moderated. Temperature had risen generally. The sky was cloudy in most places with rain over the greater part of England and fogs in Denmark. Later reports showed both disturbances moving E^{wd}, so that while the barometer was falling over the E. of England and in Norway it was rising in the W. and N.

JAN^y 26th The larger of the two depressions noticed on the previous day had travelled away NNE^{wd} while the smaller lay over North Germany, and the barometer had risen over the whole of these Islands and the W. of France, while it had fallen at the SE^m stations. On the E^m shores of the North Sea strong breezes or fresh gales from SE prevailed, but on our own and the French coasts moderate to fresh NW^y breezes were reported. Temperature had fallen somewhat except over the E. of France, the change amounting^t about 12° in the S. of England. The sky was clear over the United Kingdom, but was generally cloudy on the Continent, with snow at Copenhagen. In the evening the barometer was falling again briskly in the W. but still rose in the E.

JAN^y 27th The decrease of pressure noticed above had extended in a less degree to all parts of these Islands. A large area of low pressure lay to the West of Scotland, and a small secondary disturbance over the St Georges Channel while the wind which had ^{blown} with the force of a gale in Scotland during the night, had backed to S. or SW on all our coasts. In Norway and Denmark it was still SE^y and at Skuden-shavn reached a fresh gale. Temperature had risen on all our coasts, but fallen on the Continent. In the N. of France, and N. Germany a slight frost prevailed. In Scotland and the E. of Ireland the weather was clearing slightly but elsewhere it was overcast and in many places wet. The barometer after oscillating slightly at Valentia in the morning subsequently rose everywhere and the wind veered. —

DAILY WEATHER REPORT

JANUARY 28th 1877.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	30.02	21	SW	6	o	29.88	-.25	20	20	-	1	SW	8	o	*	*	*	-	
Hernösand ...	30.10	23	SSW	4	o	29.89	-.41	22	21	-	2	SSW	6	e	*	*	*	-	
Stockholm ...	30.22	23	S	2	o	30.04	-.36	?	?	?	?	SW	2	o	*	*	*	-	
Wisby ...	30.24	23	SE	4	r	30.12	-.27	26	34	+	4	SSW	4	s	*	*	*	0.04	
Christiansund ...	29.56	40	S	4	c	29.38	-.22	38	35	+	3	NSW	5	o	5	?	32	-	
Skudesnaes ...	29.77	33	SE	9	s	29.80	-.26	35	34	+	3	SSE	6	o	6	?	32	-	
Oxö (Ålön) ...	30.01	30	S	7	s	29.91	-.33	30	29	-	1	NNE	4	o	3	32	28	-	
Skagen (The Scaw)	30.10	29	S	4	o	29.95	-.35	30	28	+	2	SW	4	o	8	30	25	-	
Fanö ...	30.05	29	S	6	s	30.08	-.23	37	36	+	8	N SW	4	e	*	?	24	-	
Cuxhaven ...	30.22	*	*	*	*	30.02	-.17	35	35	+	9	N SW	2	bc	*	*	*	-	
Sumburgh Head																			
Stornoway	29.71	39	N	4	bc	29.08	-.43	42	39	+	2	SSW	8	r	7	43	36	0.14	
Thurso ...	29.71	38	SW	4	c	29.22	-.31	40	39	-	1	S	6	gc	5	46	34	0.10	
Wick ...	29.76	38	SW	3	bc	29.26	-.31	41	39	-	1	S	8	o	6	44	34	0.02	
Nairn ...	29.81	37	N	2	bc	29.15	-.45	42	39	-	2	NSW	7	bc	2	44	?	0.13	
Aberdeen ...	29.82	42	N	3	bc	29.43	-.24	41	40	o	5	S	9	r	5	46	34	0.15	
Leith ...	29.94	42	N	5	c	29.43	-.31	44	40	-	6	SW	8	r	*	50	39	0.09	
Shields ...	30.02	47	N	4	bc	29.65	-.26	42	40	+	4	S	7	m	3	50	38	0.03	
York ...	30.09	44	N	1	bc	29.72	-.23	42	40	+	6	S	4	o	*	32	34	0.05	
Scarborough ...	30.06	44	NSW	2	bc	29.81	-.19	41	40	+	5	SSW	4	r	2	45	35	0.03	
Nottingham ...	30.18	42	NNW	1	bc	29.90	-.18	44	42	+	7	S	6	o	*	48	35	0.03	
Ardrossan ...	30.00	46	NSW	3	c	29.47	-.33	47	44	-	1	NSW	5	og	6	49	43	0.20	
Greencastle ...	29.99	44	N	2	bc	29.45	-.35	43	40	-	1	N	4	bc	*	48	34	0.22	
Donaghadee ...	30.10	44	N	5	bc	29.57	-.30	43	41	o	0	NSW	4	bc	3	47	39	0.29	
Kingstown ...	30.16	46	SW	2	bc	29.67	-.28	46	44	-	2	N	6	og	4	52	43	0.13	
Holyhead ...	30.15	46	NSW	2	bc	29.69	-.27	49	49	+	1	SSW	7	rgw	5	50	43	0.22	
Liverpool (Midston)	30.15	43	N	3	bc	29.73	-.24	45	43	-	1	SE	5	o	3	50	40	0.01	
Valencia ...	30.18	46	NNW	1	bc	29.85	-.26	45	42	-	4	N	7	c	5	30	44	0.42	
Roche's Point...	30.17	48	N	3	bc	29.85	-.25	47	44	+	2	N	5	bc	4	31	44	0.28	
Pembroke ...	30.23	48	NNW	3	c	29.86	-.16	50	50	+	1	SW	8	r	6	30	47	0.08	
Portishead ...	30.21	43	N	3	bc	29.98	-.12	48	46	+	5	SSW	6	ou	4	31	40	0.02	
Scilly ...																			
Plymouth ...	30.25	48	NNW	1	o	30.08	-.08	50	50	+	2	SSW	6	od	*	53	41	0.02	
Hurst Castle ...	30.19	47	NNW	0	bc	30.10	-.07	50	49	+	3	SW	4	om	4	50	40	0.04	
Dover ...	30.17	46	NSW	3	bc	30.14	-.09	47	46	+	10	SSW	4	cu	*	47	36	0.25	
London ...	30.18	43	Z	0	o	30.08	-.12	43	42	+	7	S	2	o	*	47	34	0.04	
Oxford ...	*	*	*	*	*	30.03	-.11	44	43	+	7	S	1	o	*	49	36	0.07	
Cambridge ...	30.18	41	N	1	o	30.05	-.12	39	38	+	5	SSW	2	o	*	44	43	0.07	
Yarmouth ...	30.09	42	NSW	2	bc	30.08	-.10	38	37	+	2	SSW	3	bc	2	43	34	0.05	
The Helder...	*	*	*	*	*	30.14	-.09	41	41	+	11	SW	1	c	*	*	*	-	
Cape Gris Nez	30.17	45	SW	5	r	30.15	-.04	43	43	+	2	S	4	f	3	46	41	0.08	
Brest ...	?	50	N	2	bc	?	?	32	30	+	2	NSW	2	m	4	34	39	0.08	
L'Orient ...																			
Rocheport ...	30.41	50	SW	3	o	30.41	+.03	50	50	+	9	SW	3	o	3	55	39	-	
Biarritz ...	30.44	54	ENE	2	c	30.47	+.12	45	39	+	2	SSE	3	bc	3	57	39	+	
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*	30.25	-.03	29	*	+	8	SSW	3	o	*	*	*	0.02	
Charleville ...	*	*	*	*	*	?	?	38	*	+	6	SSE	3	m	*	*	*	*	
Paris ...	30.33	40	SW	3	o	30.30	-.01	41	*	+	9	SSW	3	o	*	*	*	0.04	
Lyons ...	*	*	*	*	*	?	?	39	*	-	2	E	2	bc	*	*	*	*	
Toulon ...	30.16	48	NNW	1	bc	30.35	+.13	45	37	+	4	NNW	1	bc	5	52	41	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.86	32	32	SE	9	s	7	Valencia	30.17	50	47	N	2	c	3
Thurso	29.60	42	40	SW	4	bc	3	Scilly							
Scarborough ...	29.96	45	44	WSW	2	c	3	London	30.12	47	47	SW	1	ogd	*
Greencastle ...	29.91	45	42	N	3	og	*	Rocheport ...	30.39	48	45	SSW	3	o	3
Holyhead	30.08	49	46	NW	3	bc	2								

Both depressions have moved east since the morning, and the barometer has risen in the N. and E. but fallen in the S. The wind is light. At Valencia it is inclined to back and the mercury is now falling slowly there.

EXPLANATION OF COLUMNS.

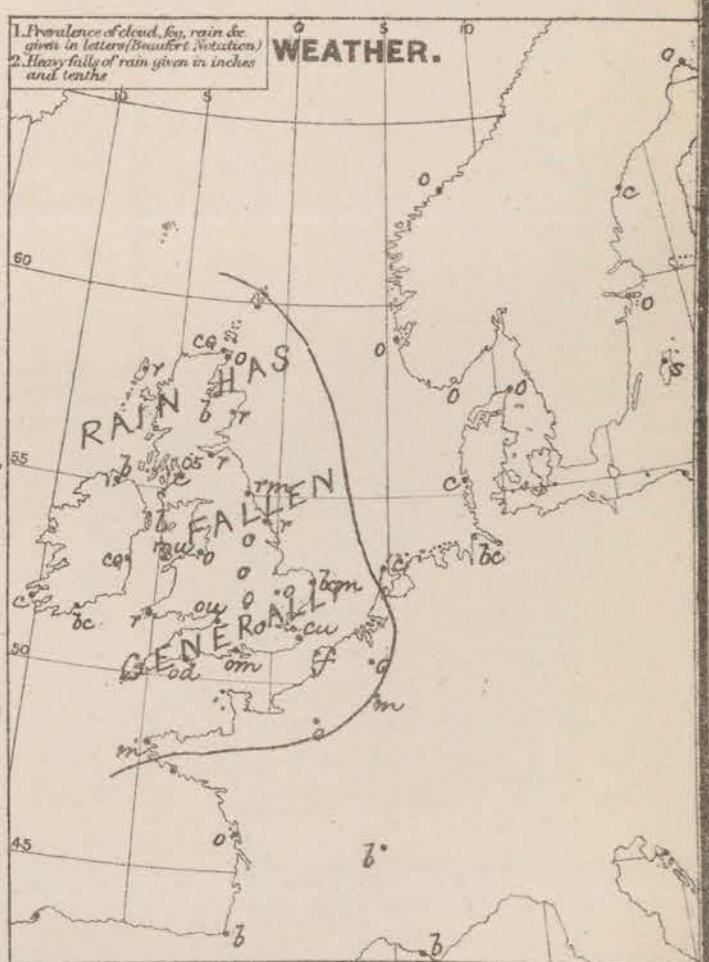
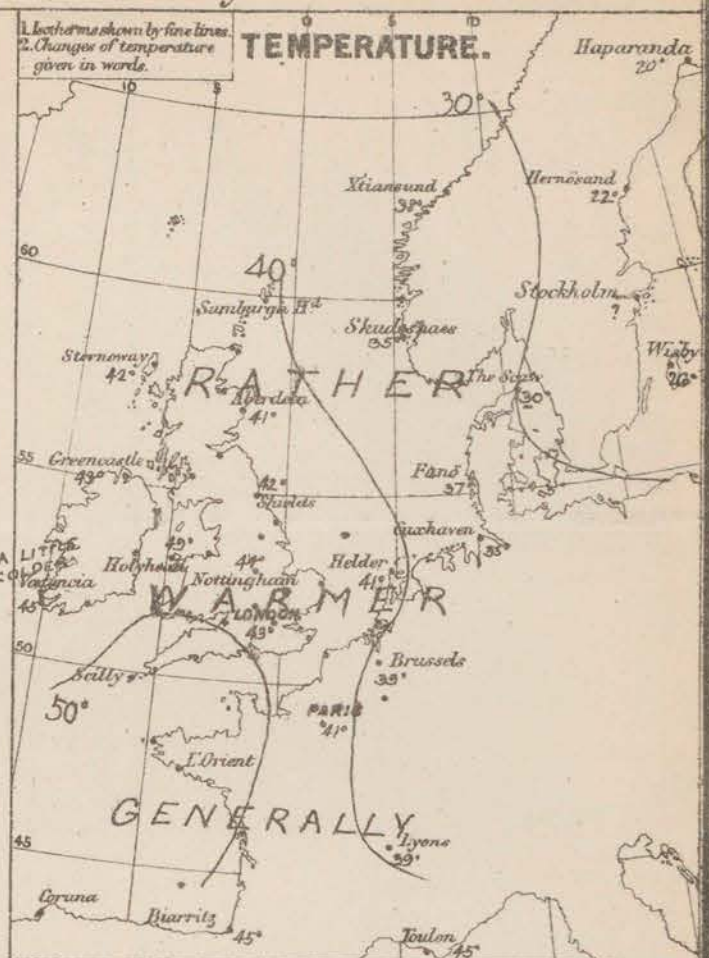
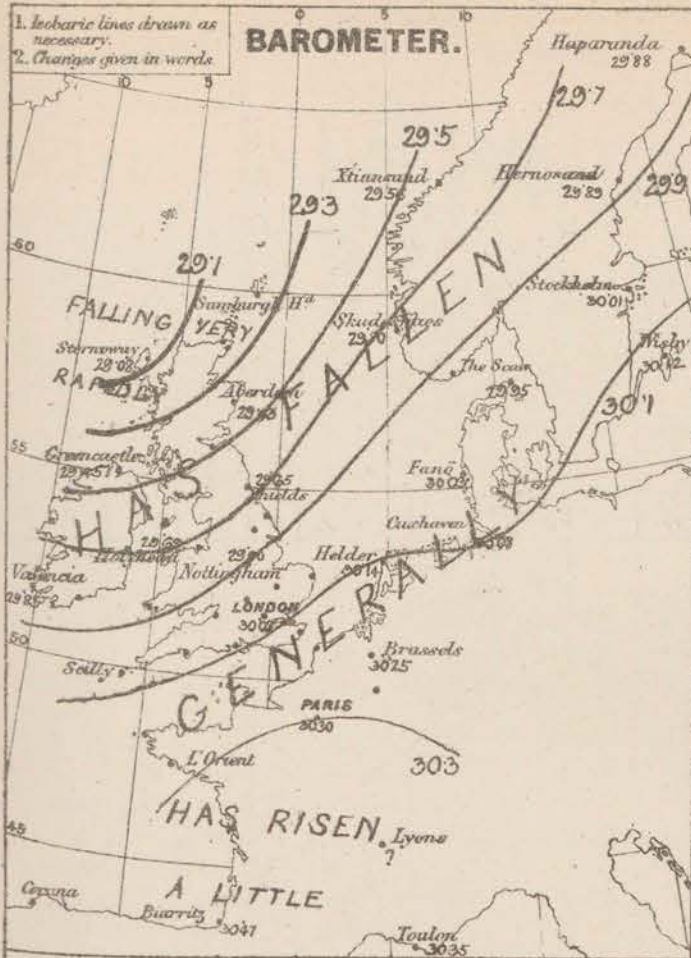
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS *for 8 a.m. on Sunday 28TH JANY 1877.*



Note A dotted line is drawn round those coasts which have been examined this morning.

REMARKS. The barometrical depression which lay to the N^w of Scotland yesterday morning travelled away in a N^e direction during the day, and the barometer rose in all parts of our Islands, whilst the wind veered to W. or WNW generally. The recovery in pressure continued until a late hour in the evening, when a most sudden and rapid fall of the barometer set in on our west and north west coasts; and this morning's chart shows that another and deeper disturbance has advanced to the north west coast of Scotland from the Atlantic. The wind has consequently backed to the SW^w on all our coasts, and, as the barometer stands at above 30.40 ins. over France, while it is below 29 ins. in the centre of the depression, steep gradients have been formed and fresh or moderate gales are blowing on all our western and northern coasts. In the east and south, however, the breezes at present continue moderate. The sky cleared in all places during yesterday but the weather has now again become overcast, and rain is falling at many stations. Temperature has risen a few degrees generally. The sea is high at Stornoway, rough on our west and north coasts, moderate in the south and east. Warnings issued to our south and east coasts this morning.

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

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT JANUARY 29th 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 3.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.		
Haparanda ...	29.69	17	SW	4	o	29.52	-.36	20	?	o	S	4	o	*	*	*	-	
Hernösand ...	29.66	9	S	2	f	29.34	-.55	29	29	+ 7	SSE	8	3	*	*	*	0.04	
Stockholm ...	29.82	26	SSW	4	o	29.47	-.51	32	32	?	SSE	6	5	*	*	*	0.04	
Wisby ...	29.95	30	SSW	6	o	29.61	-.57	32	32	+ 6	SSW	6	10	*	*	*	0.04	
Christiansund ...	29.44	44	S	4	c	28.88	-.68	38	31	o	SSE	6	f	6	44.5	34	-	
Skudesnaes ...	29.29	36	SSW	2	f	29.21	-.59	35	35	o	SW	6	sf	6	36	?	-	
Oxö (Xtiansand) ...	29.41	35	S	9	f	29.46	-.55	35	34	+ 5	SW	4	c	3	?	32	-	
Skagen (The Seaw) ...	29.53	24	S	5	f	29.45	-.50	34	33	+ 4	WSW	3	o	3	36	30	0.12	
Fanö ...	29.63	38	SSW	4	c	29.63	-.40	36	35	- 1	WSW	3	c	*	?	34	0.08	
Cuxhaven ...	29.81	*	*	*	*	29.69	-.39	34	34	+ 1	WSW	3	o	*	*	*	0.13	
Sumburgh Head																		
Stornoway																		
Thurso ...	29.10	34	SW	5	S	29.20	-.02	35	33	- 5	WSW	5	c	7	43	34	0.23	
Wick ...	29.21	36	SW	8	S	29.34	-.02	33	32	- 8	N	5	o	2	41	31	0.11	
Nairn ...	29.23	33	WSW	6	q	29.39	+ .24	32	32	- 10	WSW	4	c	3	43	31	0.28	
Aberdeen ...	29.31	35	SSW	4	f	29.43	.00	33	32	- 8	SW	3	sp	3	43	33	0.04	
Leith ...	29.40	36	WSW	7	S	29.61	+ .18	35	34	- 6	N	4	S	*	50	32	0.57	
Shields ...	29.63	38	WSW	3	c	29.76	+ .11	36	34	- 6	WSW	6	bc	2	49	33	0.45	
York ...	29.73	39	N	4	c	29.89	+ .11	37	35	- 5	N	3	f	*	49	33	0.09	
Scarborough ...	29.71	39	WSW	5	f	29.83	+ .02	36	34	- 5	WSW	3	f	2	46	36	0.12	
Nottingham ...	29.83	41	SW	5	c	30.02	+ .12	34	32	- 10	SW	3	f	*	51	33	0.08	
Ardrossan ...	29.80	37	N	7	f	29.64	+ .19	40	37	- 7	WSW	6	og	6	48	35	0.40	
Greencastle ...	29.80	34	N	5	o	29.69	+ .24	36	36	- 7	N	4	S	*	42	32	0.57	
Donaghadee ...	29.64	35	SW	6	f	29.80	+ .23	35	34	- 8	SW	5	S	4	43	32	0.09	
Kingstown ...	29.81	38	N	4	f	30.00	+ .03	39	36	- 7	N	4	c	3	47	35	0.04	
Holyhead ...	29.82	40	N	6	f	29.95	+ .26	39	37	- 10	WSW	5	bc	5	51	37	0.09	
Liverpool (Bidston) ...	29.77	39	WSW	6	bc	29.95	+ .22	38	35	- 7	WSW	7	bc	5	51	36	0.07	
Valencia ...																		
Roche's Point...	29.95	40	WSW	6	bc	30.18	+ .33	43	41	- 4	N	5	bc	5	47	35	0.11	
Pembroke ...	29.90	46	N	8	bc	30.13	+ .27	45	40	- 5	WSW	7	bc	4	30	40	0.06	
Portishead ...	29.95	44	WSW	7	q	30.16	+ .18	39	37	- 9	N	5	bc	5	51	36	0.12	
Scilly ...																		
Plymouth ...	29.97	47	N	5	o	30.29	+ .21	40	39	- 10	SW	1	om	*	53	38	0.07	
Hurst Castle ...	30.00	48	N	5	f	30.21	+ .11	40	38	- 10	WSW	5	og	5	51	34	0.12	
Dover ...	29.96	45	WSW	2	f	30.11	-.03	36	34	- 11	N	4	f	3	49	35	0.07	
London ...	29.90	47	SW	4	f	30.14	+ .06	37	35	- 6	N	4	f	*	52	35	0.05	
Oxford ...	*	*	*	*	*	30.13	+ .16	34	33	- 10	WSW	2	f	*	52	34	0.14	
Cambridge ...	29.85	42	SW	3	f	30.08	.00	36	34	- 3	N	4	f	*	53	35	-	
Yarmouth ...	29.82	45	WSW	4	f	29.95	-.13	34	33	- 4	N	5	og	3	48	33	-	
The Helder...	*	*	*	*	*	29.83	-.31	41	37	o	N	5	c	*	*	*	0.04	
Cape Gris Nez ...	29.97	48	WSW	6	c	30.10	-.05	39	37	- 4	WSW	6	f	5	51	39	0.04	
Brest ...	?	50	WSW	4	o	?	?	46	41	- 6	WSW	4	bc	4	52	37	0.04	
L'Orient ...	30.27	48	WSW	4	c	30.50	?	45	41	-	WSW	5	c	4	54	41	0.08	
Rochefort ...	30.27	52	WSW	6	o	30.51	+ .10	48	48	- 2	WSW	6	o	5	57	37	0.08	
Biarritz ...	30.45	52	SW	3	c	30.62	+ .15	52	46	+ 7	WSW	4	f	5	57	45	0.08	
Coranna ...	*	*	*	*	*									*	*	*	*	
Brussels ...	*	*	*	*	*	30.05	-.20	37	*	- 2	WSW	6	bc	*	*	*	0.12	
Charleville ...	*	*	*	*	*	30.03	?	36	*	- 2	N	3	o	*	*	*	*	
Paris ...	30.01	52	SW	4	o	30.29	-.01	39	*	- 2	WSW	3	f	*	*	*	0.20	
Lyons ...	*	*	*	*	*	?	?	48	*	+ 9	WSW	6	c	*	*	*	*	
Toulon ...																		

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

Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnaes ...	29.72	36	35	SE	9	f	8	Valencia				
Thurso								Scilly				
Scarborough ...								London				*
Greencastle ...						*		Rochefort ...	30.37	34	34	W 6 0 4
Holyhead												

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; 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 6 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 JAN 30TH 1877.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 320 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 13).		Reading at 320 P. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 13).				Max.	Min.	
Haparanda ...	29.27	25	S	4	0	29.05	-47	26	26	+6	S	4	0	*	*	*	*	-
Hernösand ...	29.15	31	SSW	4	0	29.98	-36	31	30	+2	SSW	4	0	*	*	*	*	0.04
Stockholm ...	29.39	32	S	2	0	29.25	-22	32	31	+2	SW	4	0	*	*	*	*	-
Wisby ...	29.58	32	SW	4	0	29.28	-33	33	32	+1	SW	6	0	*	*	*	*	0.12
Christiansund ...	28.76	25	SSW	4	0	28.66	-22	26	?	-12	SW	8	0	6	39	?	?	-
Skudesnaes ...	29.23	38	WSW	7	0	29.01	-20	36	35	+1	S	2	0	5	?	34	?	-
Oxö (Xtiansand) ...	29.37	34	WSW	3	0	29.12	-24	35	34	0	WSW	4	0	3	37	32	?	-
Skagen (The Scaw) ...	29.43	34	WSW	3	0	29.25	-20	33	33	-1	WSW	2	0	2	36	30	?	-
Fanö ...	29.61	35	WSW	4	0	29.28	-25	37	37	+1	SW	4	0	*	37	34	?	0.16
Cuxhaven ...	29.83	*	*	*	*	29.60	-29	43	42	+7	WSW	6	0	*	*	*	*	0.11
Sumburgh Head ...	29.02	38	WNW	9	0	28.98	+02	35	34	-4	N	1	0	3	39	33	?	0.26
Stornoway ...	29.34	38	NNW	6	0	29.16	-12	34	34	-2	NNW	6	0	6	38	32	?	0.28
Thurso ...	29.27	38	SW	5	0	29.00	-20	37	35	+2	N	5	0	5	41	33	?	0.44
Wick ...	29.29	35	NN	4	0	29.01	-23	34	33	+1	N	2	0	2	37	32	?	0.02
Nairn ...																		
Aberdeen ...	29.43	37	SW	2	0	28.77	-66	34	33	+1	NNW	8	0	4	39	33	?	0.65
Leith ...	29.55	37	WSW	5	0	28.86	-75	37	36	+2	NNW	7	0	*	47	35	?	0.74
Shields ...	29.64	43	N	5	0	28.82	-94	44	41	+8	N	8	0	2	48	36	?	0.11
York ...	29.74	39	SSW	2	0	29.01	-88	44	41	+7	N	8	0	*	48	33	?	0.29
Scarborough ...	29.72	37	WSW	2	0	28.93	-90	45	44	+9	WSW	8	0	5	46	35	?	0.20
Nottingham ...	29.82	45	SW	2	0	29.13	-69	46	44	+12	SW	8	0	*	47	34	?	0.45
Ardrossan ...	29.60	43	WSW	4	0	29.08	-58	40	36	0	NN	7	0	5	49	39	?	0.67
Greencastle ...	29.57	42	N	3	0	29.30	-39	35	35	-1	NN	5	0	*	48	32	?	0.88
Donaghadee ...	29.64	44	NN	5	0	29.34	-36	39	37	+4	NNW	7	0	7	45	34	?	0.35
Kingstown ...	29.82	50	N	8	0	29.38	-62	43	40	+4	NN	10	0	6	50	38	?	0.30
Holyhead ...	29.82	50	N	7	0	29.27	-68	44	41	+5	NNW	9	0	8	50	39	?	0.28 2.3
Liverpool (Bidston) ...	29.75	46	WSW	8	0	29.12	-83	44	41	+6	N	10	0	6	50	35	?	0.29
Valencia ...	30.10	50	WSW	6	0	29.77	-37	45	41	-3	NNW	6	0	5	52	42	?	0.22
Roche's Point ...	30.07	49	NNW	6	0	29.70	-48	43	41	0	NN	5	0	4	51	36	?	0.25
Pembroke ...	30.01	50	N	9	0	29.68	-45	46	44	+1	NNW	8	0	8	50	44	?	0.21
Portishead ...	30.03	49	N	8	0	29.40	-76	48	47	+9	SW	9	0	6	50	37	?	0.25
Scilly ...	30.29	52	W	9	0	29.73	-61	51	51	+2	WSW	10	0	7	52	46	?	0.10
Plymouth ...	30.23	49	N	5	0	29.63	-66	49	49	+9	WSW	8	0	*	50	39	?	0.44
Hurst Castle ...	30.09	46	NNW	6	0	29.53	-68	48	48	+8	N	9	0	6	49	37	?	0.05
Dover ...	30.00	46	N	5	0	29.52	-59	47	45	+11	WSW	6	0	5	48	35	?	0.03
London ...	29.99	48	N	5	0	29.44	-70	48	45	+11	WSW	9	0	*	50	43	?	0.02
Oxford ...	*	*	*	*	*	29.38	-75	46	45	+12	SW	8	0	*	48	34	?	0.20
Cambridge ...	29.88	46	WSW	5	0	29.37	-68	46	46	+10	SW	6	0	*	49	35	?	0.08
Yarmouth ...	29.84	41	WSW	6	0	29.34	-61	45	45	+11	SW	7	0	*	45	33	?	0.22
The Helder ...	*	*	*	*	*	29.47	-36	46	44	+5	SW	5	0	*	*	*	*	0.16
Cape Gris Nez ...	30.14	48	SW	8	0	29.64	-46	46	46	+7	SW	9	0	7	48	39	?	0.16
Brest ...	?	50	N	4	0	?	?	50	50	+4	NNW	6	0	6	52	45	?	-
L'Orient ...	30.50	48	WNW	5	0	30.12	-38	48	45	+3	W	7	0	7	52	41	?	-
Rochefort ...	30.39	52	NNW	3	0	30.27	-24	52	46	+2	N	7	0	7	54	36	?	-
Biarritz ...	30.61	55	NNW	3	0	30.41	-21	43	41	-9	S	2	0	5	56	39	?	-
Corunna ...	*	*	*	*	*	30.59	-12	49	*	-2	NN	6	0	7	*	*	*	*
Brussels ...	*	*	*	*	*	29.73	-32	45	*	+8	SW	12	0	*	*	*	*	*
Charleville ...	*	*	*	*	*	29.85	-15	44	*	+8	N	6	0	*	*	*	*	*
Paris ...	30.31	44	N	4	0	29.98	-31	46	*	+7	SW	4	0	*	*	*	*	*
Lyons ...	*	*	*	*	*	?	?	45	*	-3	SE	2	0	*	*	*	*	*
Toulon ...	30.36	43	NN	6	0	30.27	?	41	36	?	NN	6	0	6	50	41	?	-

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.25	34	33	WSW	8	sf	7	Valencia	30.13	57	48	N	7	cg	6
Thurso	29.24	39	36	SW	6	hc	8	Scilly	30.32	52	49	W	9	0	7
Scarborough ...	29.79	38	37	WSW	4	r	2	London	30.10	45	42	SW	4	0	m
Greencastle ...	29.66	39	38	N	3	r	*	Rochefort ...	30.38	52	46	NN	5	hc	5
Holyhead	29.83	44	46	N	7	sg	6								

Pressure has given way again since the morning in all places, and W4 winds blowing very strongly at Pembroke still prevail.

EXPLANATION OF COLUMNS.

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

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

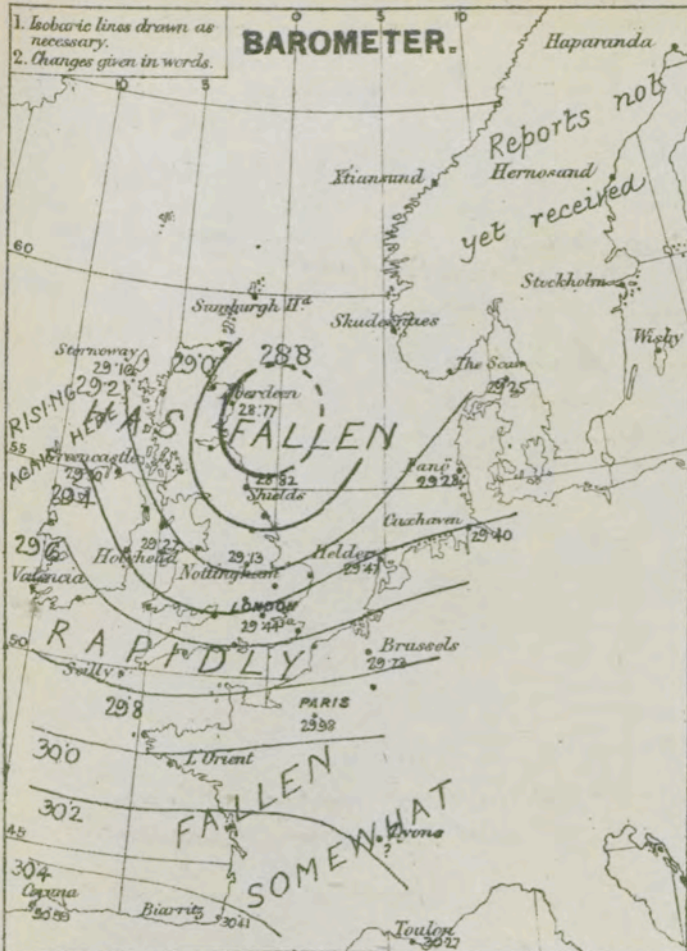
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Tuesday 30TH JAN^Y 1877.

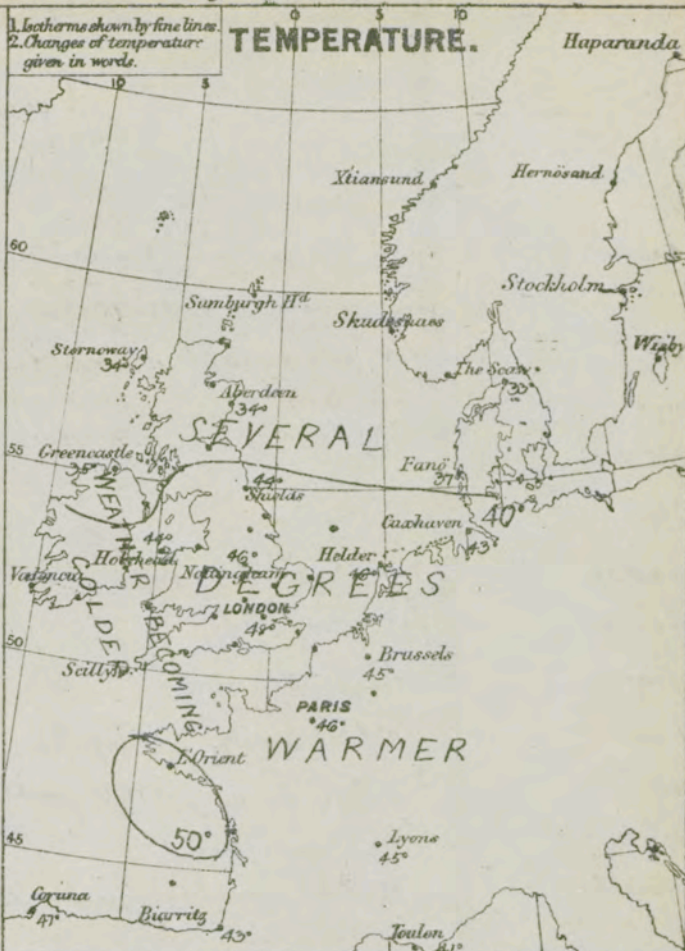
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



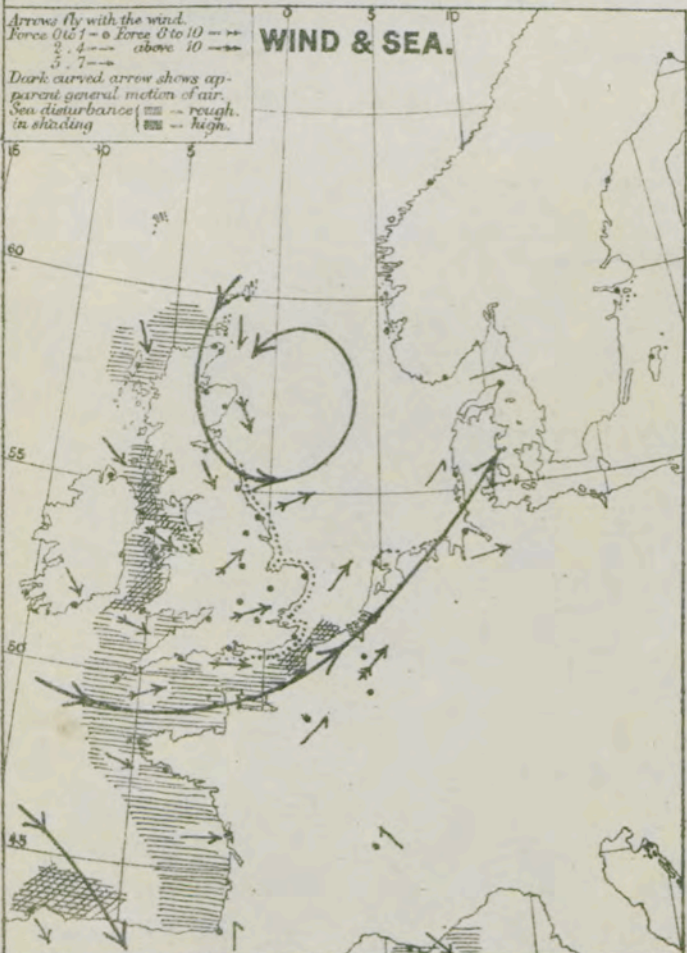
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



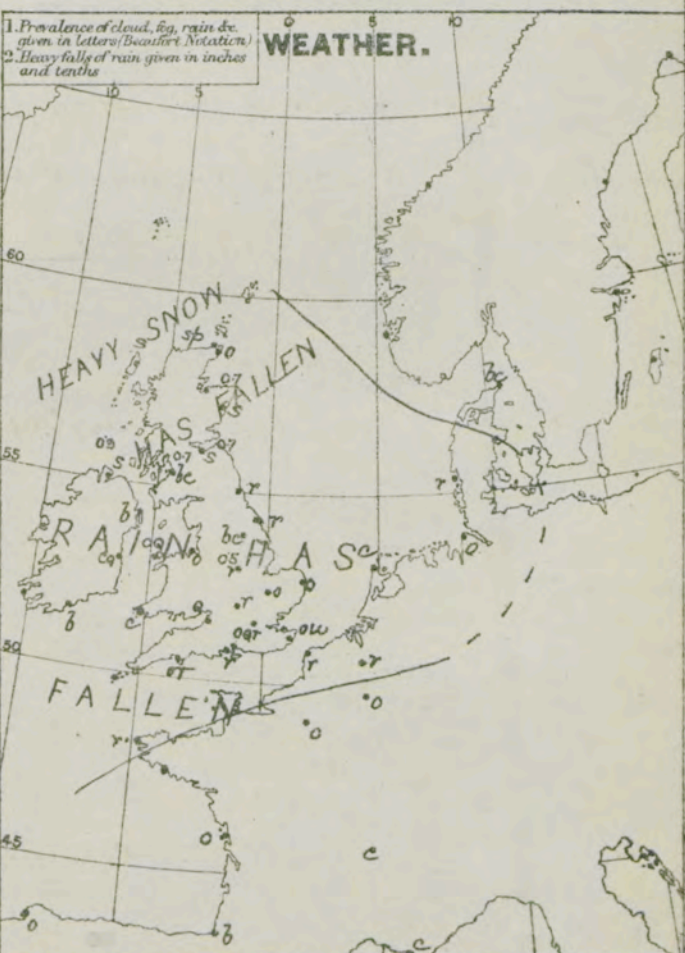
- Arrows fly with the wind.
- Force 0 to 1 - a force 2 to 10 -
- 4 - above 10 -
- 7 -
- Dark curved arrow shows apparent general motion of air.
- Sea disturbance (rough in shading) - high.

WIND & SEA.



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

WEATHER.



Note: A dotted line is drawn round these coasts on which the morning signals are still firing.

REMARKS. During the past night a very deep depression advanced on our north-east coasts, causing the barometer to fall nearly an inch to about 28.8 in. in the east of Scotland. The centre now lies outside Aberdeen, and the barometer is reported to be rising on our north-west coasts. The highest pressures (exceeding 30.50 in.) are still found over Spain, and exceedingly steep gradients for W to NW winds prevail in all parts of Western Europe. A fresh to strong gale is consequently blowing on nearly all coasts - from W in Scotland, from NW in the north west, from W in the Channel, and from SW over England and the Netherlands. Temperature has risen several degrees over England, and to a less extent in most other places. Heavy snow has fallen and continues in Scotland, and rain is now falling in the south of England but in the west the sky is inclined to clear at a few places. The sea is very high in the west, rough in the south, but moderate on our east coast.

Warnings were issued to the east, south and north west of England yesterday, those in the south west having been hoisted on Sunday.

At about 10 am the centre of the storm passed the meridian of London, the wind shifted to NW in a sudden severe squall, and the weather began to improve.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 14/- per quarter, book post 3/- per quarter.

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

R. H. SCOTT.
Director.

DAILY WEATHER REPORT

JAN 31ST

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 ...	29.01	26	S	2	o	29.05	00	29	28	+ 3	S	2	o	*	*	*	-	
Hernösand ...	28.97	32	S	2	b	29.27	- 29	26	26	- 5	SW	2	b	*	*	*	-	
Stockholm ...	29.13	32	S	4	o	29.26	+ 01	29	?	- 3	NE	4	o	*	*	*	0.04	
Wisby ...	29.17	33	SSE	4	o	29.19	- 09	24	33	+ 1	SE	4	o	*	*	*	0.08	
Christiansund ...	29.09	35	NNW	4	o	29.62	+ 36	33	32	+ 7	NNE	2	o	5	39	30	-	
Skudesnaes ...	29.09	35	NNW	6	b	29.34	+ 63	34	32	- 2	NW	6	b	3	36	?	-	
Oxö (Kälsund) ...	28.93	34	NE	6	m	29.44	+ 32	31	28	- 4	NNW	4	b	2	36	28	-	
Skagen (The Sew) ...	28.92	34	ESE	4	N	29.35	+ 10	33	32	0	ENE	4	c	5	36	30	0.32	
Fanö ...	28.73	34	NNE	2	b	29.38	+ 11	35	33	- 2	N	6	c	*	39	32	0.35	
Cuxhaven ...	28.84	44	SW	8	A	29.35	- 05	37	37	- 6	SW	9	o	*	*	36	0.23	
Sumburgh Head ...	29.33	35	N	4	b	29.75	+ 77	32	31	- 3	NNE	1	c	2	37	30	0.08	
Stornoway ...	29.58	35	NNW	4	b	29.77	+ 61	32	31	- 2	N	1	b	4	38	29	0.26	
Thurso ...	29.49	35	NNW	5	o	29.77	+ 77	35	34	- 2	SSW	1	c	4	41	35	0.29	
Wick ...	29.55	35	NW	4	o	29.80	+ 79	33	32	- 1	NW	1	b	0	37	29	0.16	
Nairn ...	29.59	34	NW	3	b	29.80	+ 81	33	32	- 1	NW	1	a	2	38	27	0.04	
Aberdeen ...	29.47	37	NNW	7	b	29.80	+ 103	36	33	+ 2	NNW	1	b	2	38	33	0.07	
Leith ...	29.57	44	NW	4	b	29.89	+ 103	37	35	0	WSW	2	b	*	44	34	-	
Shields ...	29.52	38	NNW	6	b	29.93	+ 111	36	34	- 8	N	4	b	3	44	33	-	
York ...	29.82	39	NNW	5	b	29.97	+ 96	36	33	- 10	N	1	b	*	45	33	-	
Scarborough ...	29.44	39	NNW	7	b	29.93	+ 100	37	35	- 8	NW	2	b	3	45	36	0.03	
Nottingham ...	29.64	40	N	7	b	30.03	+ 90	36	35	- 10	N	1	b	*	46	34	0.11	
Ardrossan ...	29.69	40	N	3	b	29.92	+ 84	43	41	+ 3	WSW	2	c	2	43	39	-	
Greencastle ...	29.73	37	NW	2	b	29.87	+ 37	38	37	+ 3	N	2	o	*	44	35	0.18	
Donaghadee ...	29.75	37	NW	4	b	29.96	+ 72	36	36	- 3	N	4	c	4	43	34	0.11	
Kingstown ...	29.97	40	NNW	4	b	30.04	+ 66	42	39	- 1	WSW	1	o	2	43	38	0.03	
Holyhead ...	29.82	42	NNW	8	a	30.03	+ 76	44	41	0	WSW	2	c	2	46	39	0.04	
Liverpool (Bliston) ...	29.69	40	NNW	8	b	30.04	+ 89	40	38	- 4	N	3	o	4	44	36	0.05	
Valencia ...	30.10	43	NNW	4	c	29.97	+ 20	47	46	+ 2	S	6	dg	5	49	41	0.21	
Roche's Point ...	29.98	43	NW	5	b	30.03	+ 33	45	44	+ 2	SW	4	o	4	48	40	0.15	
Pembroke ...	29.90	45	NW	7	b	30.10	+ 62	46	43	0	N	4	c	4	46	43	-	
Portishead ...	29.75	43	N	6	b	30.10	+ 70	40	39	- 8	N	3	b	3	49	37	0.06	
Scilly ...	20.06	48	NW	8	c	30.18	+ 45	47	45	- 4	WSW	4	N	5	52	45	0.14	
Plymouth ...	29.97	44	NW	2	b	30.17	+ 34	36	36	- 13	E	1	o	*	37	36	0.17	
Hurst Castle ...	29.82	44	NW	6	b	30.12	+ 59	41	39	- 7	NW	4	b	4	48	38	0.08	
Dover ...	29.62	42	NNW	5	b	30.00	+ 48	38	36	- 9	WSW	3	b	3	48	37	0.06	
London ...	29.69	44	NW	5	bg	30.05	+ 61	36	35	- 12	N	2	b	*	48	35	0.12	
Oxford ...	*	*	*	*	*	30.08	+ 70	36	35	- 10	N	2	b	*	47	34	0.10	
Cambridge ...	29.59	38	NW	5	b	30.03	+ 66	36	34	- 10	NNW	1	b	*	48	34	0.09	
Yarmouth ...	29.39	41	NW	8	b	29.93	+ 09	34	34	- 11	NNW	4	bf	6	45	33	0.06	
The Helder ...	*	*	*	*	*	29.74	+ 27	41	39	- 5	NW	5	c	*	*	*	0.32	
Cape Gris Nez ...	29.59	43	NNW	8	b	30.01	+ 37	41	39	- 5	NNW	5	b	5	?	?	0.24	
Brest ...	?	30	NNW	5	o	?	?	48	43	- 2	NW	2	o	4	32	43	0.16	
L'Orient ...	30.11	46	NNW	6	c	30.27	+ 15	45	43	- 3	NW	3	b	4	32	39	0.24	
Rochefort ...	30.07	52	N	8	o	30.28	+ 07	46	45	- 4	N	4	b	5	54	43	0.20	
Biarritz ...	30.28	54	WSW	6	r	30.28	- 13	46	41	+ 3	ENE	3	o	7	55	39	0.67	
Corunna ...	*	*	*	*	*	20.52	- 07	55	*	+ 8	NW	3	c	7	*	*	*	
Brussels ...	*	*	*	*	*	29.92	+ 19	38	*	- 7	NNW	9	o	*	*	*	0.23	
Charleville ...	*	*	*	*	*	29.90	+ 02	35	*	- 9	SW	1	c	*	*	*	*	
Paris ...	29.76	44	NNW	4	b	30.10	+ 12	39	*	- 7	NNW	3	b	*	*	*	0.24	
Lyons ...	*	*	*	*	*	?	?	46	*	+ 1	NW	6	c	*	*	*	*	
Toulon ...	30.06	45	N	5	c	29.92	- 35	37	32	- 44	NW	5	b	3	52	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	28.95	35	23	N	2	o	3	Valencia	29.99	47	43	NW	4	bem	5
Thurso	29.30	39	35	N	6	c	5	Scilly	29.91	49	44	NW	9	c	7
Scarborough ...	29.18	42	39	NW	9	b	6	London	29.80	46	41	NNW	7	bg	*
Greencastle ...	29.58	40	37	NNW	5	og	*	Rocheport ...	30.09	50	48	N	8	o	7
Holyhead	29.59	43	40	NNW	10	c	8								

Pressure is recovering briskly and the N. and the wind there is subsiding but scarcely any of our reports have yet reached us, there being great telegraphic interruptions owing to storms and gales.

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; * dew.

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

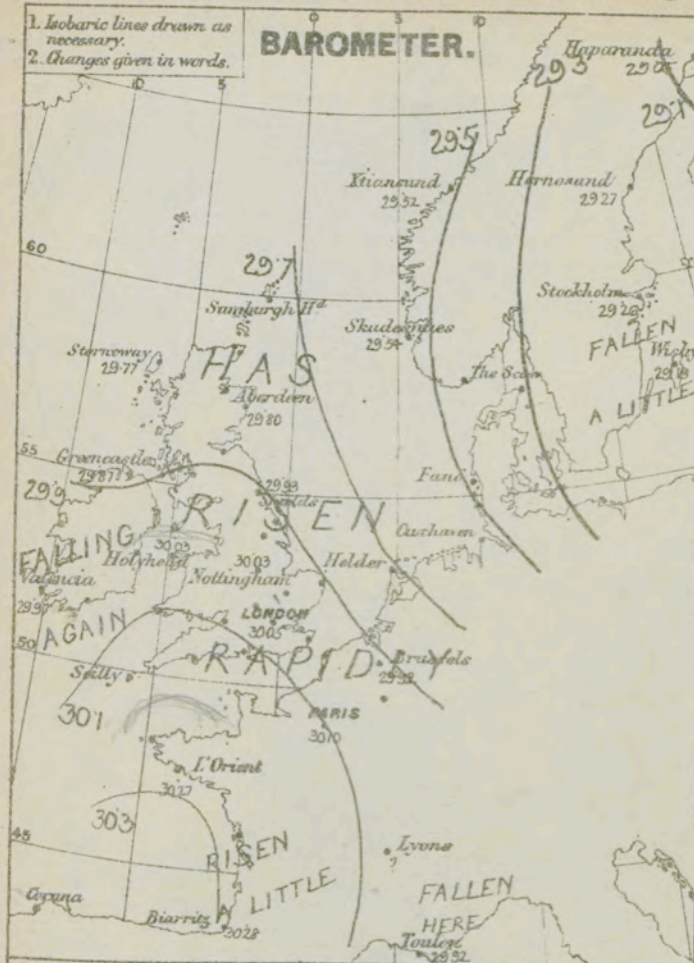
† The evening observations are taken at 8 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Wednesday 31ST JANY 1877.

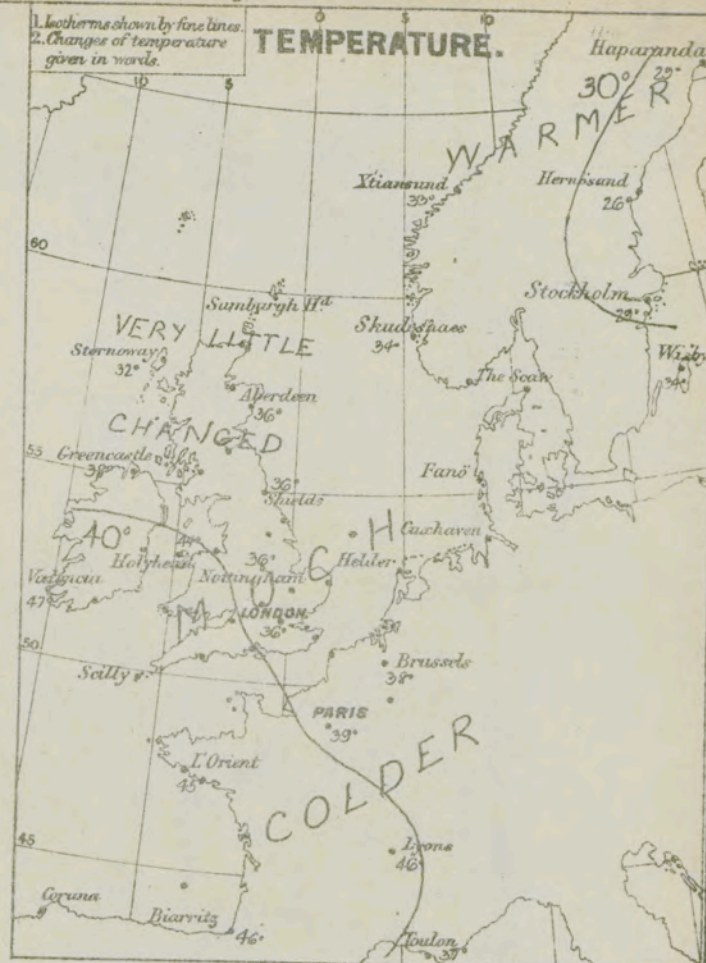
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



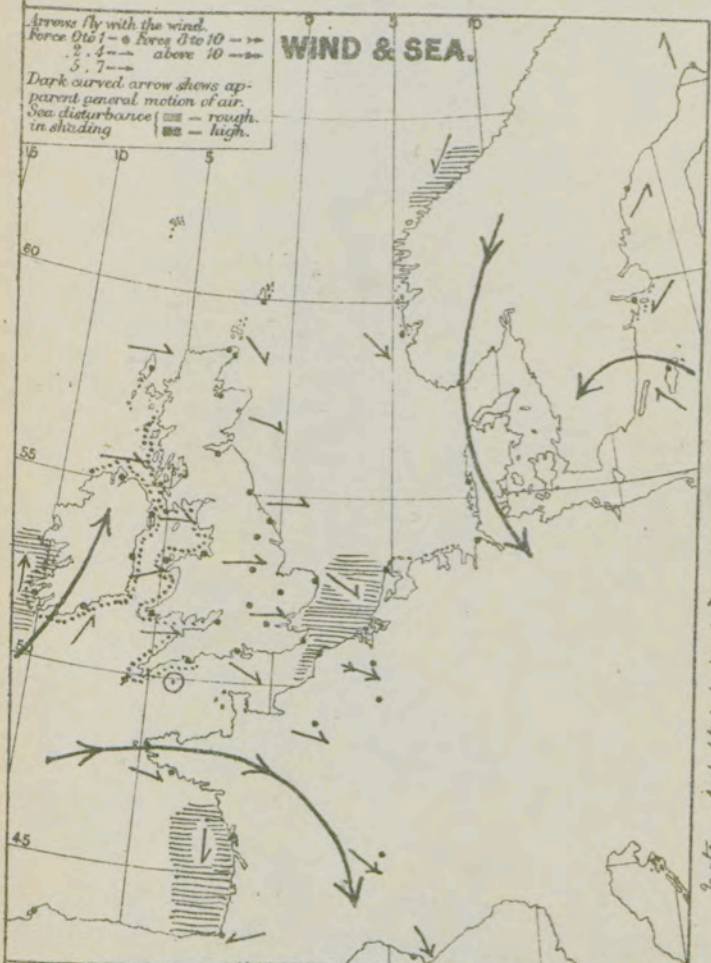
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



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

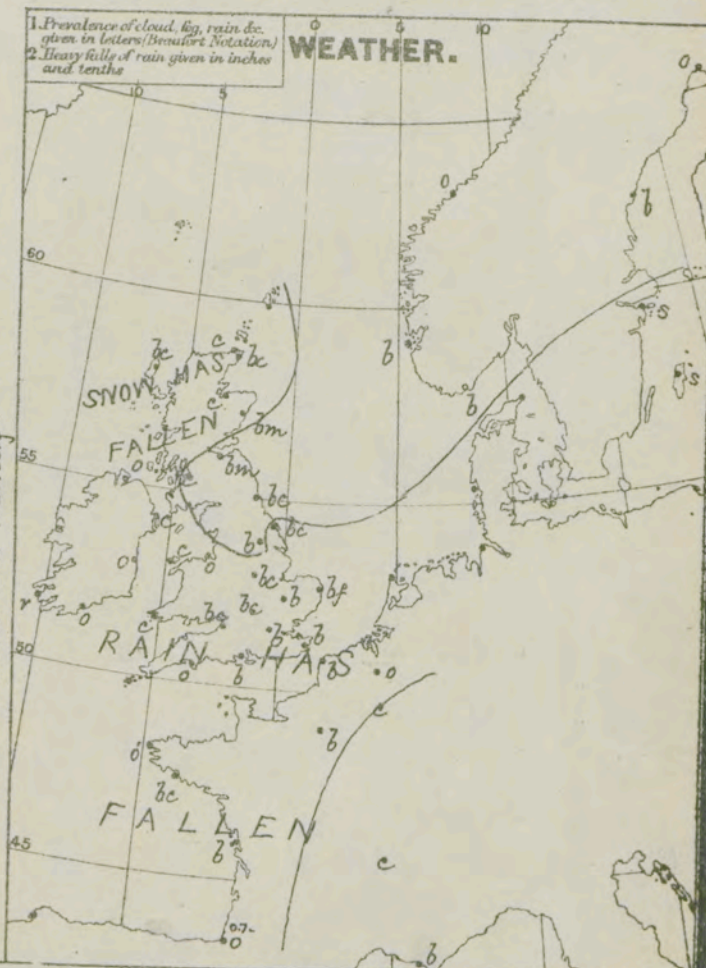
WIND & SEA.



Note A dotted line is drawn round these coasts which have been warned this morning.

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

WEATHER.



REMARKS. The very deep depression which lay off our north-east coast yesterday morning moved quickly E^W during the day, and now lies apparently over the Baltic where it seems to be filling up. The barometer has consequently risen over the whole of Western Europe the change at our northeastern stations amounting to over an inch in the last twenty-four hours. An exceedingly severe NW gale was felt over the east of England, the North Sea and North Germany during yesterday but the wind has now abated considerably, and fresh to light NW to W breezes are reported over the greater part of these Islands, France and the west of Norway. In the south of Ireland, however, fresh unsettled weather is appearing, the barometer has begun to fall again there during the night, and a strong S^W wind, with rain is reported. Temperature has fallen except in the south-west, the decrease exceeding ten degrees over southern England. The sky is clear at nearly all the eastern and southern stations, but is cloudy in the west. The sea is rough at Valentia and in the Bay of Biscay but moderate elsewhere.

Warnings issued to our west and south-west coasts this morning.

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

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

R. H. SCOTT.
Director.

Dangerfield Lith 22 Bedford St. Covent Garden.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JAN^y 1877

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	† YESTERDAY EVENING.					3 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 8).	SHADE TEMP.		Amount of Rainfall.	
				Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 3 A.M. yesterday.	Dry.	Wet.	Difference from 3 A.M. yesterday.	Dir.	Force (0 to 12).			Max.	Min.		
1 st	Haparanda.....	29.38	-25	N	2	5	29.19	-22	-2	-2	+10	NE	4	5	*	*	*	0.08	
	Helsingfors.....	29.12	17	NE	4	5	29.06	-30	18	18	+2	NE	4	5	*	*	*	0.08	
	Stockholm.....	28.52	21	Z	0	5	29.00	-34	26	?	+2	NE	4	5	*	*	*	0.08	
	Nyby.....	29.05	39	SW	9	0	29.06	-26	40	40	+8	SW	6	6	*	*	*	0.32	
	Christiansund.....	29.04	29	NE	4	0	29.10	-20	25	24	+6	S	2	2	40	30	?	0.01	
	Sumburgh Head.....	28.95	35	NE	4	0	29.11	+08	32	30	-8	NE	4	4	40	32	?	0.01	
	Cape Gris Nez.....	29.28	50	S	4	0	29.29	-41	54	46	+2	S	4	4	55	48	?	0.04	
	St. Laurent.....	29.36	54	SW	4	0	29.29	-19	52	48	+3	SW	4	4	61	48	?	0.08	
2 nd	Sumburgh Head.....	29.15	30	NNE	3	0	29.45	+34	30	26	-2	N	4	4	34	26	?	0.01	
	Corunna.....	*	*	*	*	*	29.57	?	56	*	?	S	6	6	36	26	?	0.03	
3 rd	Sumburgh Head.....	29.59	30	WNW	2	0	29.68	+21	31	28	+1	NNE	2	2	36	26	?	0.03	
	Christiansund.....	29.41	26	NE	4	5	29.69	+13	25	23	-8	NE	2	2	30	23	?	0.04	
4 th	Christiansund.....	29.97	17	E	5	5	29.82	+13	17	16	-8	E	6	6	30	21	?	0.04	
	Skagen.....	29.91	25	NE	3	5	29.78	-00	24	23	-6	E	6	6	30	21	?	0.04	
	Funø.....	29.72	31	ESE	4	5	29.43	-44	33	33	+5	ESE	4	4	31	25	?	0.04	
	Sumburgh Head.....	29.82	35	NE	5	5	29.52	-14	32	32	+1	NE	2	2	34	31	?	0.31	
	Greenock.....	29.29	35	E	4	0	29.02	-50	39	38	-1	E	5	5	40	31	?	0.53	
	Ronaghadee.....	29.26	26	ESE	4	0	29.04	-53	39	38	-1	ESE	8	8	40	36	?	0.16	
	Brest.....	29.49	54	S	6	0	29.38	-24	59	48	-3	S	3	3	58	55	?	0.16	
	Biarritz.....	29.49	53	S	6	0	29.38	-24	59	48	-3	S	3	3	58	55	?	0.16	
	Greenock 2pm.....	29.31	33	NE	5	5	29.95	+37	34	30	+2	NE	4	4	36	31	?	0.01	
5 th	Sumburgh Head.....	29.31	33	NE	5	5	29.95	+37	34	30	+2	NE	4	4	36	31	?	0.01	
	Greenock.....	28.90	41	E	3	0	29.84	-18	43	43	+4	S	2	2	43	38	?	0.28	
	Ronaghadee.....	28.91	43	SE	6	0	29.92	-12	43	43	+4	SW	2	2	45	39	?	0.31	
	Loulou.....	29.58	50	SE	8	0	29.77	-10	48	46	-4	W	2	2	54	39	?	0.31	
6 th	Sumburgh Head.....	29.14	35	NE	5	5	29.13	-02	35	31	+1	NE	5	5	36	32	?	0.01	
	Greenock.....	28.90	40	S	1	0	29.96	+12	35	34	-1	S	1	1	45	34	?	0.01	
	Greenock 2pm.....	29.05	37	NE	4	0	29.78	-11	42	42	+1	NE	3	3	42	34	?	0.01	
7 th	Sumburgh Head.....	28.86	43	S	2	0	29.89	+11	45	44	+3	S	2	2	47	40	?	0.21	
	Greenock.....	28.49	45	S	5	0	29.05	+46	44	44	+0	S	2	2	47	34	?	0.21	
	Silly.....	29.14	51	SW	9	0	29.39	+42	52	51	+2	SW	5	5	58	48	?	0.08	
	Corunna.....	*	*	*	*	*	29.44	?	55	55	?	?	?	?	*	*	*	0.01	
	Greenock 2pm.....	29.17	*	*	*	*	29.17	?	45	44	-1	S	2	2	*	*	*	0.01	
	Silly 2pm.....	29.36	*	*	*	*	29.36	?	52	51	-1	SW	5	5	6	*	*	0.01	
8 th	Sumburgh Head.....	29.03	44	NE	3	0	29.57	+68	35	32	-10	NNE	6	6	45	34	?	0.01	
	Greenock.....	29.20	43	SW	1	0	29.40	+44	43	42	-1	NE	1	1	47	41	?	0.01	
	Silly.....	29.42	51	WSW	4	0	29.60	+30	51	49	-1	WSW	4	4	52	49	?	0.01	
	Silly 2pm.....	29.89	30	E	2	5	29.89	?	53	50	-3	WSW	5	5	50	49	?	0.01	
9 th	Christiansund.....	29.89	30	E	2	5	29.13	?	25	23	-2	E	1	1	30	19	?	0.01	
	Sumburgh Head.....	29.91	34	N	4	0	30.16	+59	33	32	-1	E	6	6	36	31	?	0.01	
	Silly.....	29.95	50	SW	4	0	29.85	+14	50	49	-1	E	6	6	53	47	?	0.01	
	Silly 2pm.....	30.23	28	ESE	3	0	29.19	+36	49	47	-2	NE	3	3	53	47	?	0.01	
10 th	Sumburgh Head.....	30.19	32	N	1	0	30.03	-08	36	35	+3	S	1	1	38	29	?	0.01	
	Silly.....	29.70	49	NE	4	0	29.83	-02	48	46	-2	NW	5	5	50	45	?	0.01	
	Corunna.....	*	*	*	*	*	30.19	?	51	*	?	W	3	3	25	19	?	0.01	
11 th	Christiansund.....	30.08	25	ESE	1	0	30.02	-14	25	23	-2	ESE	3	3	25	19	?	0.01	
	Sumburgh Head.....	29.87	36	NE	5	0	29.76	-32	37	35	+2	ESE	6	6	37	31	?	0.01	
	Silly.....	29.86	49	WNW	5	0	29.83	-00	45	44	-1	NW	8	8	50	44	?	0.01	
	Silly 2pm.....	29.86	49	WNW	5	0	29.83	-00	45	44	-1	NW	8	8	50	44	?	0.01	
12 th	Sumburgh Head.....	29.89	38	SE	6	0	29.95	+19	39	36	+2	SSE	5	5	40	36	?	0.01	
	Silly.....	30.06	45	NNW	6	0	30.00	+14	46	45	+1	SW	5	5	47	40	?	0.01	
	Corunna.....	*	*	*	*	*	30.31	?	49	*	?	W	6	6	*	*	*	0.01	
	Silly 2pm.....	29.86	29	SE	8	0	29.91	-20	54	53	-1	WSW	6	6	41	37	?	0.01	
13 th	Sumburgh Head.....	29.86	39	SE	8	0	29.91	-20	54	53	-1	WSW	6	6	41	37	?	0.01	
	Silly.....	29.94	52	WSW	4	0	29.63	-34	52	52	+6	SW	6	6	54	45	?	0.16	
14 th	Sumburgh Head.....	29.94	52	WSW	4	0	29.63	-34	52	52	+6	SW	6	6	54	45	?	0.16	
	Silly.....	29.94	52	WSW	4	0	29.63	-34	52	52	+6	SW	6	6	54	45	?	0.16	
15 th	Sumburgh Head.....	29.47	40	SE	1	0	29.52	-23	42	38	+2	NW	5	5	43	38	?	0.21	
	Silly.....	29.47	50	WNW	6	0	30.10	+47	48	45	-4	W	5	5	52	44	?	0.21	
	Corunna.....	*	*	*	*	*	30.40	?	68	*	?	SW	6	6	*	*	*	0.01	
	Silly 2pm.....	29.81	36	Z	0	0	29.70	+18	42	40	+0	SE	6	6	43	36	?	0.01	
16 th	Sumburgh Head.....	29.81	36	Z	0	0	29.70	+18	42	40	+0	SE	6	6	43	36	?	0.01	
	Silly.....	30.01	51	SSW	6	0	30.04	-06	52	52	+4	SW	6	6	52	47	?	0.01	
	Corunna.....	*	*	*	*	*	30.40	?	51	51	?	SW	3	3	*	*	*	0.01	
	Silly 2pm.....	29.50	44	SSW	5	0	30.02	-00	54	53	-1	SW	6	6	45	40	?	0.01	
17 th	Sumburgh Head.....	29.50	44	SSW	5	0	30.02	-00	54	53	-1	SW	6	6	45	40	?	0.01	
	Silly.....	29.96	52	SSW	5	0	29.61	-09	43	42	+1	SSE	4	4	54	40	?	0.01	

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

DATE.	STATIONS.	† YESTERDAY EVENING.					3 A.M. TO DAY							PAST 24 HOURS			
		Barometer at 350 ft. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer.		SUNNY TEMP.		WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.
				Dir.	Force. (0 to 12).		Reading at 350 ft. and Sea Level.	Difference from normal reading.	Dry.	Wet.	Difference from normal reading.	Dir.			Force. (0 to 12).	Max.	
27 th	Scilly	20.26	47	W S W	4	0	30.15	-0.9	52	52	+6	W S W	4	0	52	43	0.05
	Corunna	"	"	"	"	"	30.45	+1.1	46	"	-5	"	"	"	"	"	"
28 th	Scilly 2pm	"	"	"	"	"	30.25	-1.0	53	50	-1	W S W	6	0	53	48	0.16
	Sunningb. Head	29.58	51	W	4	0	30.06	-0.9	53	53	+1	W S W	6	0	53	48	0.05
	Scilly	30.28	51	W	5	0	30.51	+0.6	53	53	+1	W S W	6	0	53	48	0.05
	Corunna	"	"	"	"	"	30.51	+0.6	53	53	+1	W S W	6	0	53	48	0.05
28 th	Sunningb. Head	28.99	51	W	4	0	28.96	-0.3	50	50	-3	W S W	6	0	50	42	0.20
	Stornoway	29.00	56	W	4	0	29.28	+0.28	56	56	+6	W S W	6	0	56	47	0.18
	Valencia	29.99	40	W N W	1	0	30.14	+0.14	48	48	+6	W N W	6	0	48	34	0.18
	Scilly	30.10	48	W N W	10	0	30.34	+0.24	49	49	+6	W N W	6	0	49	40	0.25
	Corunna	"	"	"	"	"	30.71	+0.20	51	51	+6	W N W	6	0	51	40	0.25
30 th	Scilly 2pm	"	"	"	"	"	30.32	-0.4	52	49	-3	W S W	6	0	52	40	0.25
	Haparanda	29.27	25	S	4	0	29.05	-0.4	26	26	+6	S	4	0	26	20	0.04
	Heinssand	29.15	31	S S W	4	0	28.98	-0.36	31	30	-1	S S W	4	0	31	20	0.04
	Stockholm	29.39	32	S	2	0	29.25	-0.22	32	31	-1	S	2	0	32	20	0.12
	Wick	28.58	32	S W	4	0	29.28	-0.33	33	32	-1	S W	6	0	33	20	0.12
	Christiansund	28.76	25	S S W	4	0	29.66	-0.22	26	26	+1	S S W	6	0	26	20	0.12
	Skudsmo	29.23	38	W S W	4	0	29.01	-0.20	36	35	-1	S	2	0	36	24	0.12
	Oslo	29.37	34	W S W	3	0	29.12	-0.24	35	34	-1	W S W	4	0	35	24	0.12
	Sunningb. Head	29.02	38	W N W	9	0	29.08	+0.02	35	34	-1	W N W	4	0	35	24	0.12
	Valencia	30.10	50	W S W	6	0	29.77	-0.31	45	41	-4	W S W	6	0	45	22	0.22
	Scilly	30.29	52	W	9	0	29.73	-0.61	51	51	+6	W S W	10	0	51	46	0.10
	Al. Orient	30.50	48	W N W	5	0	30.12	-0.38	48	45	-3	W	4	0	48	41	0.10
31 st	Scilly 2pm	"	"	"	"	"	29.91	-0.4	49	44	-5	W N W	6	0	49	41	0.10
	Skagen	28.92	34	E S E	4	0	29.35	+1.0	33	32	-1	E S E	4	0	33	30	0.32
	Faro	28.43	34	N N E	2	0	29.38	+1.1	35	33	-2	N N E	4	0	35	32	0.32
	Cushamen	28.84	44	S W	8	0	29.35	-0.5	37	37	+6	S W	9	0	37	36	0.35
	Sunningb. Head	29.33	55	N	4	0	29.75	+0.7	37	37	+6	N	4	0	37	36	0.35
	Scilly	30.06	48	N W	8	0	30.18	+0.4	47	45	-2	N W	9	0	47	30	0.23
	Corunna	"	"	"	"	"	30.52	+0.7	55	45	-10	N W	9	0	55	30	0.23
	Scilly 2pm	"	"	"	"	"	30.09	-0.1	52	52	+8	N W	9	0	52	45	0.14
CORRECTIONS																	
1 st	Wick						28.91	+1.4							45		
2 nd	Scilly								45	45	-2						
	Scilly 2pm	29.35															0.20
	Stornoway																0.28
	Thurso																
	Shields														30		
	Scarlborough										-13						
	Plymouth	29.12															
3 rd	Hurst Castle														53		
	Wick		25														
	Shields																
	Scilly								40	36	+1					43	
4 th	Hurst Castle															40	
	Shields															37	0.44
	Holyhead																
	Liverpool		36														
	Portishead																
	Queen															39	0.43
5 th	Nairn		336													32	
	Aberdeen															35	
6 th	London															53	
9 th	Aberdeen																0.06
10 th	Thurso																0.03
11 th	Wick						29.64	+1.7							44		
	Cambridge																
	Nairn															35	0.95
	London																
12 th	Hurst Castle						29.86		49	47		W N W	5	0	4		
15 th	Scilly 2pm								41								
	Kingstown																
	Haparanda						30.46										
16 th	Wick		42														
	Wick	29.85															
	Nottingham															45	
	Rock Point	29.88															
17 th	Portishead											S W					
18 th	Nairn	29.58															
	Scarlborough						29.69	-0.2									
	London																0.09
19 th	Gxford															51	38
	Shields															40	
	Nottingham						29.75	-1.4									
	Holyhead																1.08
20 th	Greenacres 2pm								36	35							
	Stornoway																0.17
	Scilly																0.25
	Greenacres															32	0.58
21 st	Holyhead 2pm																
	Thurso								47								
22 nd	Stornoway																0.02
	Stornoway																0.30
	Stornoway								39	38							
	Valencia	29.51															
23 rd	Plymouth															50	0.01
24 th	Stornoway															44	
	Scarlborough																
	Liverpool																
25 th	Valencia 2pm											S S W				37	
	Liverpool																
26 th	Rock Point		4.0													38	
	Thurso															39	0.11
	Nottingham						30.04										
27 th	Thurso															49	0.46
28 th	Thurso																0.18
29 th	Thurso																
30 th	Holyhead 2pm															35	
	Nottingham																
31 st	Holyhead															44	0.23
	Liverpool																