

1267

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY — 30TH JUNE,
1879.



MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH
DAILY TO THE METEOROLOGICAL OFFICE, FROM JAN. 1 TO JUNE 30, 1879.

DAILY WEATHER REPORT

JAN 1st

1879.

STATIONS.	↑ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Therm. in shade.	WIND.		Weather.	Barometer at 32° F. and Sea Level.	SHADE TEMP.			WIND.	Weather.	Sea (5 to 9.)	SHADE TEMP.		Barometer at 32° F. and Sea Level.	Therm. in shade.	WIND.	Weather.	Sea (5 to 9.)
			Dir.	Force (0 to 15).			Dry.	Wet.	Difference from 8 a.m. yesterday.				Max.	Min.					
Haparanda ...	28.99	33	S	4	6	28.95	-26	33	33	+1	S	4	34	32					
Hernösand ...	28.93	35	X	0	0	28.80	-14	35	34	+2	S	2							
Stockholm ...	29.08	38	SSW	4	0	28.83	-64	39	39	+2	SSW	4							0.08
Wisby ...	29.23	42	SW	6	0	29.12	-20	42	41	+1	WSW	6							0.04
Christiansund ...	28.74	36	E	3	0	28.84	-19	35	34	+1	WSW	6	36	30					0.20
Skudesnaes ...	29.00	43	SSW	6	0	28.96	-01	37	34	-5	WSW	9							0.28
Oxö (Xiänsand) ...	28.96	41	SSW	6	0	28.73	-36	41	37	+1	WSW	5	41	36					0.08
Skagen (The Scaw) ...	29.00	41	SW	4	0	28.81	-36	42	41	+2	SW	6	43	36					0.12
Faro ...																			
Cuxhaven ...	29.47	48	WSW	7	0	29.41	-05	44	43	-3	W	8	42	43					0.07
Sumburgh Head ...	28.69	37	N	4	0	29.24	+43	28	28	-10	N	8	40	25					0.06
Stornoway ...	28.80	35	NE	5	0	29.62	+90	29	29	-8	N	6	39	27					0.27
Thurso ...	28.70	40	ENE	5	0	29.49	+70	31	30	-6	N	5	41	30					0.44
Wick ...	28.66	41	E	4	0	29.48	+70	30	28	-11	NNW	5	43	28					0.35
Nairn ...	28.74	37	NNW	5	0	29.58	+82	30	30	-8	NNW	6	44	30					0.19
Aberdeen ...	28.69	45	SSW	3	0	29.53	+70	31	29	-10	NNW	3	45	31					0.24
Leith ...	28.77	49	W	8	0	29.59	+73	33	32	-16	W	3	51	32					0.06
Shields ...	29.01	50	WSW	8	0	29.64	+58	35	33	-13	NNW	1	51	35					0.04
Scarborough ...	29.12	49	SW	4	0	29.64	+48	38	36	-11	NNW	2	51	38					0.04
York ...	29.17	50	SW	6	0	29.71	+50	36	35	-13	W	3	50	36					
Nottingham ...	29.31	49	SSW	6	0	29.78	+44	39	37	-11	NNW	1	59	39					0.07
Ardrossan ...	28.86	49	SW	6	0	29.66	+74	38	34	-10	NNW	4	50	36					0.20
Greencastle ...	28.87	47	W	4	0	29.71	+86	34	32	-10	N	3	48	32					0.36
Donaghadee ...	28.99	48	SW	5	0	29.76	+75	34	33	-14	W	4	49	33					0.04
Kingstown ...	29.12	51	W	8	0	29.77	+64	39	38	-13	W	1	53	39					0.08
Holyhead ...	29.22	48	SW	7	0	29.75	+57	40	38	-9	NNW	3	52	40					0.02
Liverpool (Bedston) ...	29.21	50	SW	6	0	29.74	+55	39	37	-11	W	4	52	38					0.01
Valencia ...	29.43	52	WSW	7	0	29.70	+49	44	43	-8	NNE	1	54	41					0.07
Roche's Point ...	29.41	48	W	8	0	29.77	+49	42	40	-8	NE	2	52	41					0.07
Penbroke ...	29.41	50	WSW	9	0	29.79	+44	44	43	-6	E	1	51	44					
Portishead ...																			
Seilly ...	29.71	52	WSW	10	0	29.84	+25	50	50	-2	SW	6	53	49					0.08
Prawle Point ...	29.69	51	SW	7	0	29.86	+22	48	48	-1	SW	4	52	40					
Hurst Castle ...	29.60	47	WSW	7	0	29.84	+26	45	45	-3	W	4	49	45					0.26
Dover ...	29.65	49	WSW	6	0	29.81	+18	48	47	0	WSW	4	50	47					0.03
London ...	29.53	52	W	5	0	29.80	+25	47	46	-5	W	3	51	47					0.14
Oxford ...	29.46	50	WSW	5	0	29.79	+32	45	44	-6	W	3	53	44					0.05
Cambridge ...	29.38	51	SW	4	0	29.80	+38	44	42	-10	WSW	1	59	43					0.01
Yarmouth ...	29.41	49	WSW	6	0	29.72	+29	44	42	-6	NNW	4	53	42					0.02
The Helder ...						29.62	+15	46	44	+1	WSW	4							
Cape Gris Nez ...	29.64	50	WSW	10	0	29.82	+15	48	46	0	W	8	50	46					0.04
Jersey ...	29.80	51	SW	7	0	29.97	+19	48	47	-3	SW	4	52	47					
Brest ...	29.92	54	W	5	0	29.99	+17	48	48	?	SW	3	54	46					
L'Orient ...	?	50	?	5	0	30.00	+08	48	48	-2	WSW	3	54	46					
Rochefort ...	30.15	54	W	3	0	30.12	+03	54	52	0	SSE	3	55	46					0.24
Biarritz ...	30.23	57	ESE	2	0	30.15	-01	54	50	-5	SSE	2	63	46					
Corunna ...																			
Brussels ...						29.85	+13	49	47	-2	W	6	54	49					0.04
Charleville ...						29.95	+13	49		0	W	6							
Paris ...	29.93	53	WSW	3	0	30.04	+13	50	48	-1	W	2							
Lyons ...						30.29	+14	52		-3	NNE	2							
Toulon ...	30.26	50	E	3	0	30.24	-04	48	48	-2	WSW	3	54	46					

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudcnaes ...	28.83	43	42	SSE	6	W	3	Valencia	29.30	52	49	SW	7	0.9 m	6
Thurso	29.72	38	38	X	0	W	3	Seilly	29.61	53	50	WSW	10	0	7
Scarborough ...	29.65	50	49	SSW	4	W	2	London	29.86	54	52	SW	6	0.9 m	4
Northampton ...	28.91	50	47	WSW	8	0.9 m	5	Rochefort ...	30.12	55	52	SSW	4	0	3
Holyhead	29.21	50	48	SW	7	0	6								

The barometer continues to fall in the N. and to rise in the S.W. and S. gradients for W. winds are becoming very keen over Ireland. Warnings extended to the remainder of the Channel and over E. coast this afternoon.

Mullaghnore ...	28.99	48	WSW	8	0.9 m	29.74	+23	38	36	-11	N	4	50	37	0.18
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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.

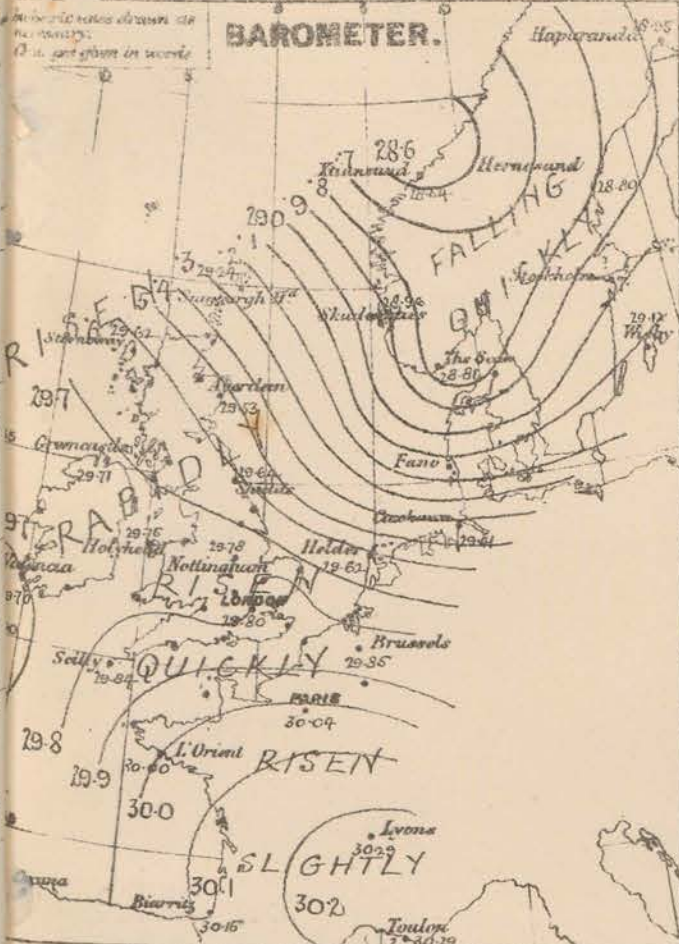
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 8 p.m. in our Islands, at 9 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

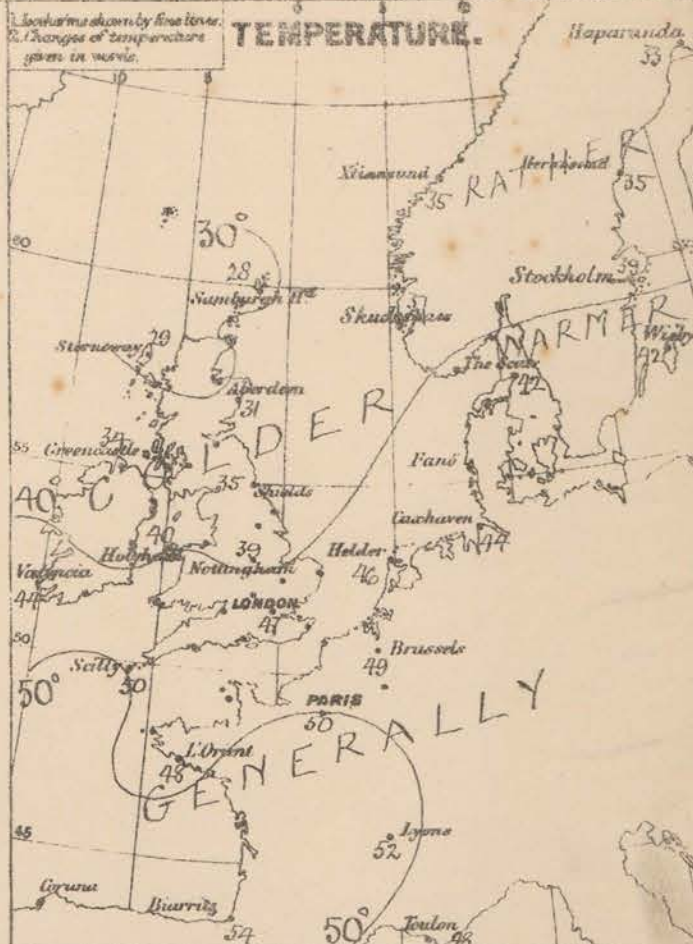
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Wednesday 1st JAN^y 1879

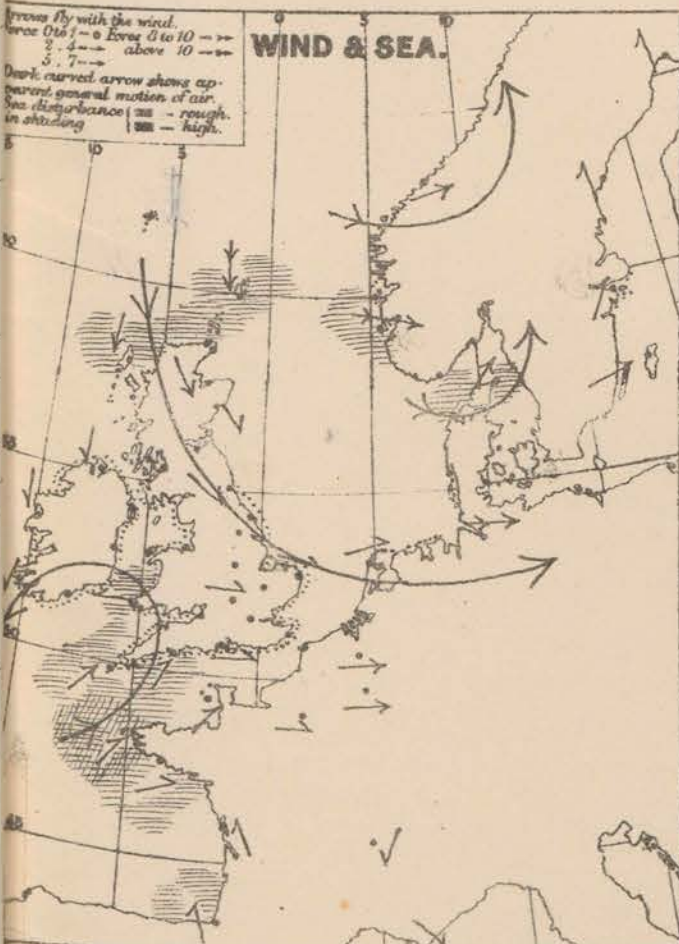
BAROMETER.



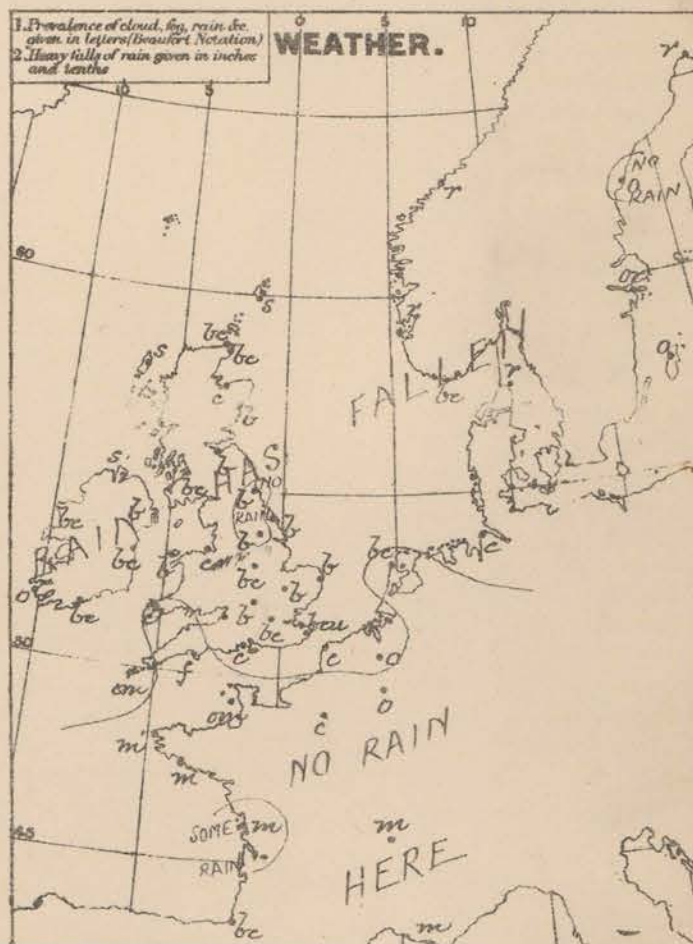
TEMPERATURE.



WIND & SEA.



WEATHER.



REMARKS.

Weather though quiet at present, than it was yesterday is still in a very unsettled condition. In Scotland the sky is generally clear, although wind is falling at Edinburgh & Aberdeen; in England and Ireland the weather is at present fair, but the sky has a unsettled appearance. Rain has fallen very generally in the first 24 hours, followed by wind in Scotland and the N. of Ireland. Temperature has fallen very generally, - as much as 10 to 16° on the NE. coasts. Frost again prevails at the Scotch stations. Wind is strong from N. over the N. half of Scotland and blows a fresh gale from that quarter at Edinburgh & Glasgow. In the N. and E. of England it is moderate from W. and NW, but at Exeter it is strong from SW, at the same time that a light N. breeze is felt in the S. of Ireland. Several SW or W. gales have been felt in all parts of Ireland and England. Sea is very rough off the SW. coasts, and also in the N. slight in the E. and also in St. George's Channel. Barometrical indications. The depression which lay over Scotland yesterday has reached the S. of Norway, where it has become secondary to a large disturbance lying further N. and a very rapid rise of the barometer is in progress over Scotland. The highest readings (about 30.25 in.) are still reported from the S. of France, and there are indications of a new disturbance approaching the SW. coasts from the Atlantic.

Warnings. The South Coast is still flying as all but our extreme N. coasts.

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

Metecological Office,
111, Victoria Street, Westminster, S.W.

R. H. SCOTT.

Secretary.

DAILY WEATHER REPORT

JAN 2ND 1879.

STATIONS.	† YESTERDAY EVENING						8 A.M. TO DAY										LAST 24 HOURS		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12.)			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12.)			Max.	Min.				
Haparanda ...													*						
Hernösand ...	28.68	35	SE	2	f	28.70	- .10	31	30	- 4	E	2	o	*	*	*	0.20		
Stockholm ...	28.77	33	NNN	8	o	28.75	+ .22	26	26	- 13	NNN	8	s	*	*	*	-		
Wisby ...	29.00	37	NNN	9	b	29.04	- .08	33	33	- 9	NNN	9	o	*	*	*	-		
Christiansund ...	28.82	31	NNN	9	o	28.72	+ .18	33	33	- 2	NNN	9	s	8	34	25	0.24		
Skudesnaes ...	29.27	33	NNN	8	o	29.32	+ .36	33	30	- 4	NNN	8	oh	5	37	32	-		
Oxö (Kriksand)	29.26	30	N	6	b	29.25	+ .52	30	28	- 11	N	8	b	4	41	27	-		
Skagen (The Saaw)	29.25	32	NNN	9	b	29.20	+ .39	32	30	- 10	NNN	7	b	8	43	28	-		
Fanö ...	29.57	35	N	5	o	29.49	+ .25	33	31	- 7	NNN	4	bc	*	41	30	-		
Cuxhaven ...	29.66	40	NN	5	o	29.56	+ .15	36	34	- 5	N	2	b	*	?	34	-		
Sumburgh Head	29.42	30	NN	8	o	29.53	+ .29	27	27	- 1	NN	7	s	6	32	25	0.03		
Stornoway	29.20	31	N	5	o	29.75	+ .13	31	31	+ 2	NNN	4	o	3	35	27	0.02		
Thurso ...	29.63	30	NN	4	o	29.67	+ .18	32	31	+ 1	NN	4	sp	5	32	28	0.36		
Wick ...	29.61	28	NNN	4	bc	29.68	+ .20	28	27	- 2	NN	4	s	2	30	24	0.26		
Nairn ...	29.68	27	NN	2	b	29.73	+ .15	27	27	- 3	NN	1	bc	2	30	26	-		
Aberdeen ...	29.67	28	NN	1	b	29.74	+ .21	30	29	- 1	N	1	b	2	31	26	-		
Leith ...	29.74	32	NNN	1	b	29.82	+ .23	30	30	- 3	N	2	bc	*	37	25	-		
Shields ...	29.74	33	N	1	b	29.86	+ .22	27	26	- 8	NN	2	b	3	37	26	-		
Scarborough	29.73	36	N	2	o	29.88	+ .24	30	28	- 8	NNN	1	b	3	38	30	-		
York ...	29.75	34	NN	1	b	29.93	+ .22	26	26	- 10	N	1	b	*	?	26	-		
Nottingham ...	29.53	37	NE	3	o	29.98	+ .20	25	24	- 14	N	0	b	*	41	24	-		
Ardrossan ...	29.76	30	NNE	1	b	29.85	+ .19	37	35	- 1	NNN	3	bcph	2	38	29	-		
Greencastle ...	29.75	35	NNE	2	o	29.94	+ .23	34	33	0	N	2	b	*	39	29	-		
Donaghadee ...	29.75	37	NE	5	o	29.98	+ .22	29	28	- 5	N	4	b	3	38	28	-		
Kingstown ...	29.67	41	ENE	5	o	30.03	+ .26	33	30	- 6	NNN	3	b	3	41	32	-		
Holyhead ...	29.63	39	NE	5	o	30.00	+ .25	37	33	- 3	NNN	2	b	2	42	35	-		
Liverpool (Bidston)	29.67	35	NE	1	o	29.99	+ .25	31	29	- 8	NN	1	b	1	39	30	-		
Valencia ...	29.54	40	NE	5	o	30.06	+ .36	32	29	- 12	N	0	bc	2	47	?	0.07		
Roche's Point...	29.55	37	E	4	f	30.07	+ .30	31	30	- 11	NNE	2	b	3	52	29	0.52		
Pembroke ...	29.45	41	ENE	6	f	30.06	+ .27	33	31	- 11	NNE	1	b	4	47	33	0.74		
Portishead ...																			
Scilly ...	29.31	32	SW	6	o	30.05	+ .21	42	38	- 8	E	1	o	5	52	40	0.76		
Pravie Point	29.38	30	SW	4	f	30.01	+ .15	33	31	- 15	NNN	2	bc	*	50	32	0.89		
Hurst Castle ...	29.31	45	E	2	f	29.98	+ .14	33	31	- 12	NNE	3	o	4	49	33	1.27		
Dover ...	29.70	46	WSW	3	o	29.82	+ .01	35	34	- 13	NNE	4	o	3	49	35	0.63		
London ...	29.63	43	ENE	4	o	29.94	+ .14	32	31	- 15	NNN	3	bc	*	51	31	1.15		
Oxford ...	29.58	36	NE	5	f	30.06	+ .27	28	27	- 17	NE	1	o	*	45	27	1.00		
Cambridge ...	29.65	37	NN	1	f	29.89	+ .09	26	26	- 18	NN	1	o	*	46	25	?		
Yarmouth ...	29.71	47	N	1	o	29.83	+ .11	36	33	- 8	NNN	2	cm	3	44	32	0.23		
The Helder ...						29.66	+ .04	39	35	- 7	NNN	2	o	*			0.08		
Cape Gris Nez	29.69	46	S	2	f	29.82	.00	39	36	- 9	N	8	o	6	50	26	0.87		
Jersey ...	29.53	50	SW	5	bc	30.03	+ .06	40	38	- 8	N	3	o	3	52	40	0.33		
Brest ...	29.53	52	SW	7	f	30.09	+ .10	43	41	- 5	N	4	o	7	61	41	0.24		
L'Orient ...																			
Roche fort	29.58	55	SSW	6	o	30.05	- .07	52	48	- 2	NN	7	o	7	57	46	0.16		
Biarritz ...	30.06	59	SSW	4	b	30.29	+ .14	54	50	0	N	4	bc	5	64	50	-		
Corunna ...																			
Brussels ...						29.70	- .15	35	35	- 14	N	4	s	*	50	35	1.14		
Charleville ...						29.43	- .52	57	*	+ 2	N	1	o	*	*	*	*		
Paris ...	29.67	53	?	2	f	29.73	- .31	43	41	- 7	N	5	o	*	*	*	0.28		
Lyons ...						29.95	- .34	55	*	+ 3	S	4	o	*	*	*	*		
Toulon ...	30.21	52	SW	3	m	30.12	- .12	48	46	0	SW	3	?	3	55	45	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.25	32	28	NNN	9	ohs	5	Valencia	29.52	45	43	NE	3	od	4
Thurso	29.63	29	28	? NNN	5	sp	6	Scilly	29.46	49	49	ESE	6	f	6
Scarborough ...	29.77	36	34	NNNN	2	o	2	London	29.79	48	47	N	0	gnd	*
Mullaghmore ..	29.76	38	36	ESE	5	bc	3	Roche fort ...	30.01	54	52	S	4	o	3
Holyhead	29.75	41	39	NE	3	c	3								

The barometer is falling rapidly on our SW. coasts, while it is rising in the N. and E. E. winds are setting in over our N. coasts and already blow strongly at Scilly.

Mullaghmore	29.73	37	ENE	6	bc	30.00	+ .26	34	32	- 4	SW	4	bc	3	40	30	-
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EXPLANATION OF COLUMNS.

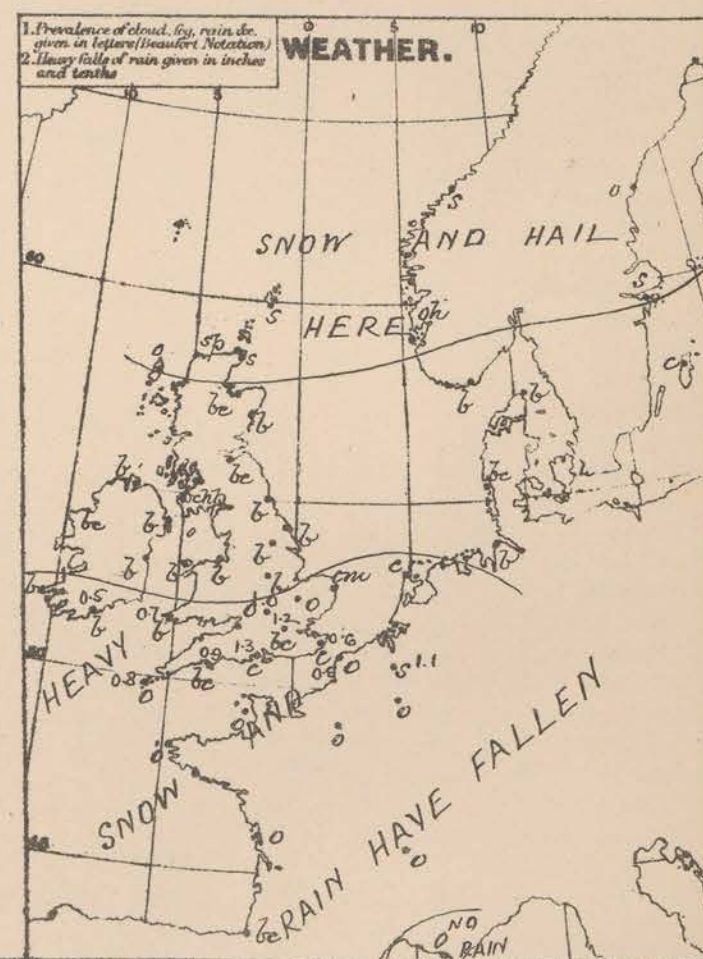
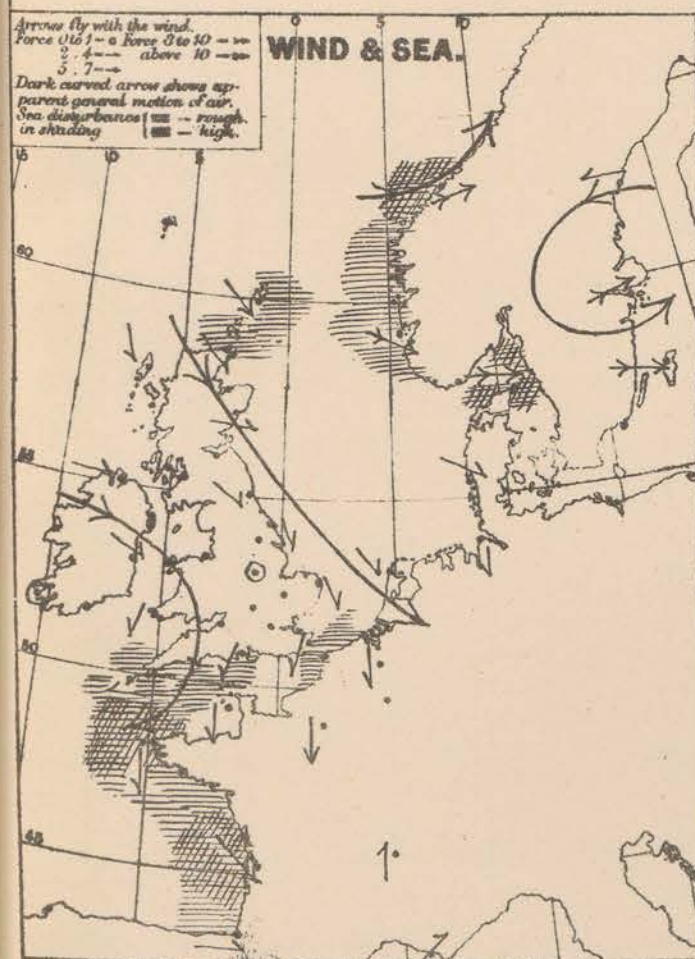
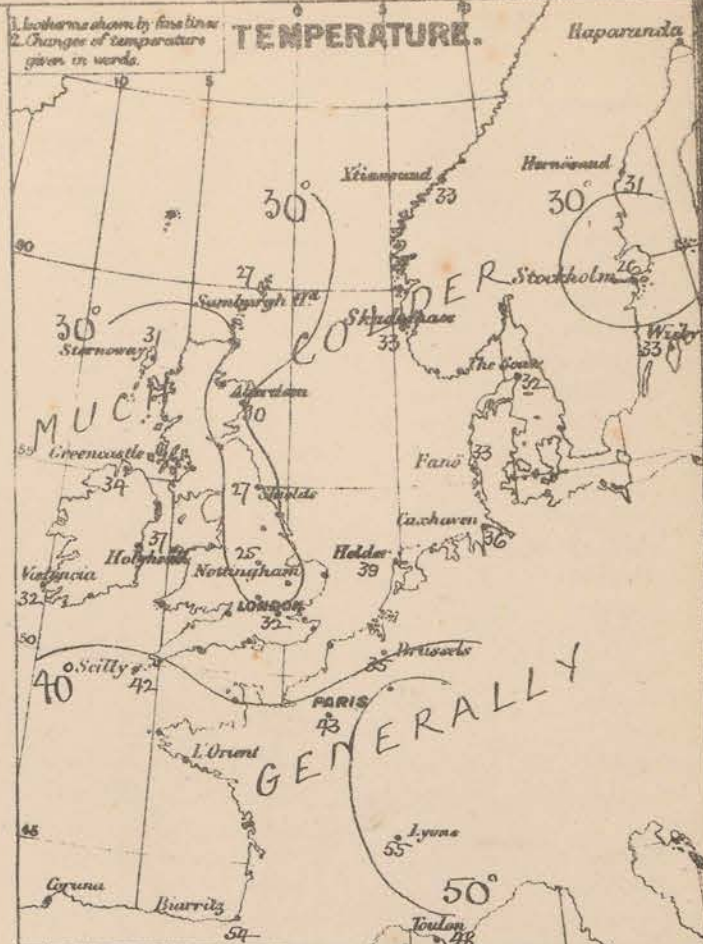
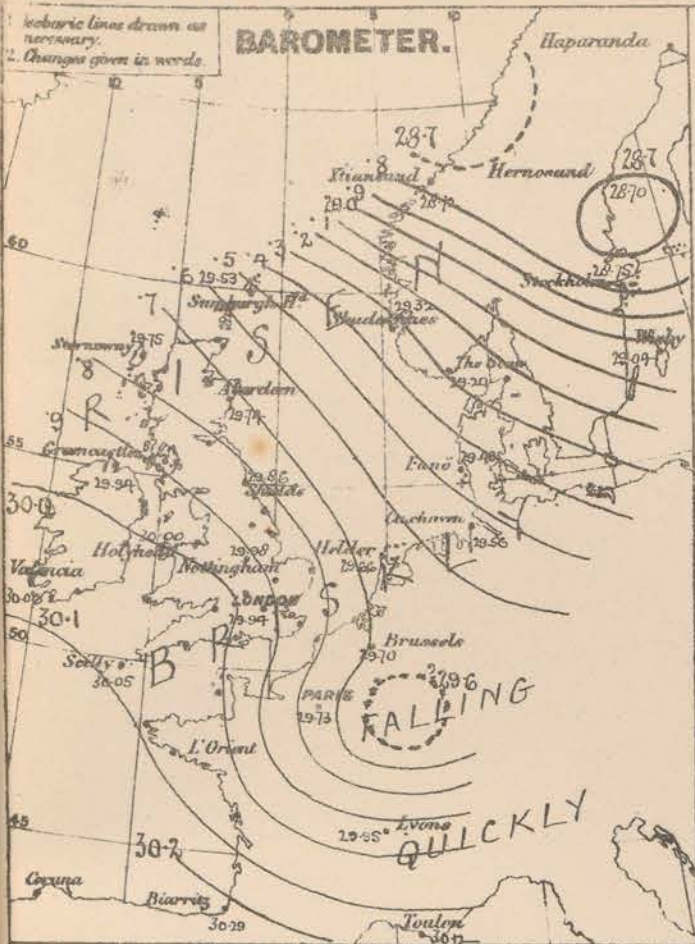
WEATHER.—Beaufort scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Thursday 2nd JANY 1878.



REMARKS. Weather has changed with great suddenness; it is at present very fine over the greater part of Ireland and England, but snow and hail prevail in many parts of Scotland and the W. of Norway, as well as at Stockholm and Brussels. Large quantities of snow and rain have fallen at the S. stations, and there are indications of frost from Oxford, Hunt-Croft, London and Brussels, and 0.9 in. at Cape Breton. Snow has been seen at many of our stations last evening. Temperature has again fallen fast, and frost prevails over nearly the whole of our islands. The lowest of the minimum readings reported are 24° to 26° in the E. of Scotland, 24° at Nottingham, 25° at Cambridge, and 27° at Oxford. In London the thermometer stood at 31° on the 1st of Jan. and 30° on the 2nd. Wind is generally calm on our SW. coasts, and light W. in the NW. elsewhere it is chiefly NW. to N. and blows a gale from the former quarter in Scandinavia and Denmark, and from the latter quarter at Cape Breton. A stiff E. to NE. gale was felt over the S. of England last night. Sea is still rather rough on our SW. and N. coasts, and is high in the Bay of Biscay. Barometrical Indications. The barometer is higher throughout our islands, but lower in Sweden than it was at Cape Breton. Readings vary from 30.3 in. at Rosary, and 30.1 in. off our SW. coasts, to 29.7 in. at Helsingfors. A small but deep depression travelled E. over the S. of England last night, and moving SE. has reached the extreme E. of France this morning.

DAILY WEATHER REPORT

JAN 3RD

1879.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 13).		Reading at 32° F. and Sea Level.	Difference from 32° F. yesterday.	Dry.	Wet.	Difference from 32° F. yesterday.	Dir.	Force. (0 to 13).			Max.	Min.			
Haparanda ...	29.09	32	NE	2	0	29.39		25	25		NE	4	0	*	34	25	—		
Hernösand ...	28.54	29	N	9	0	29.06	+ .36	29	28	— 2	N	4	0	*	*	*	0.08		
Stockholm ...	28.79	28	WSW	6	5	28.93	+ .18	28	27	+ 2	WSW	5	0	*	*	*	0.08		
Wisby ...	29.02	34	N	9	0	29.01	— .03	32	30	— 1	N	9	0	*	*	*	0.04		
Christiansund ...	28.98	39	WSW	3	0	29.20	+ .48	35	34	+ 2	WSW	8	7	7	39	30	0.91		
Skudesnaes ...	29.49	31	WSW	8	0	29.48	+ .16	34	30	+ 1	WSW	6	0	4	?	30	—		
Oxö (Xtiansand) ...	29.34	32	N	6	0	29.40	+ .15	31	29	+ 1	N	4	0	2	32	28	—		
Skagen (The Seaw) ...	29.24	33	WSW	9	0	29.31	+ .11	33	31	+ 1	WSW	8	0	8	34	28	—		
Fanö ...	29.64	34	WSW	6	0	29.60	+ .11	32	30	— 1	WSW	6	0	8	36	30	—		
Cuxhaven ...	29.75	36	WSW	8	5	29.73	+ .17	35	35	— 1	WSW	5	0	*	41	34	0.01		
Sumburgh Head ...	29.60	29	WSW	5	0	29.50	— .03	30	29	+ 3	WSW	3	0	2	31	25	0.03		
Stornoway ...	29.79	28	WSW	2	0	29.47	— .28	32	32	+ 1	WSW	5	0	4	33	24	0.07		
Thurso ...	29.77	30	NN	4	0	29.53	— .14	29	28	— 3	N	2	5	4	33	27	0.17		
Wick ...	29.75	29	NN	3	0	29.51	— .17	24	23	— 4	NN	1	0	1	2	20	0.02		
Nairn ...																			
Aberdeen ...	29.77	28	NN	1	0	29.57	— .17	15	15	— 15	NN	1	5	2	32	12	0.05		
Leith ...	29.81	30	N	4	0	29.57	— .25	27	27	— 3	N	1	0	*	37	25	0.02		
Shields ...	29.88	35	NN	5	0	29.60	— .26	31	31	+ 4	N	0	0	3	36	27	—		
Scarborough ...	29.95	34	WSW	3	0	29.58	— .30	30	29	0	N	0	0	2	37	30	—		
York ...	29.98	36	N	2	0	29.49	— .44	29	29	+ 3	N	1	5	*	38	25	0.08		
Nottingham ...	30.05	29	S	1	0	29.48	— .00	32	32	+ 7	N	2	5	*	36	25	0.25		
Ardrossan ...	29.88	39	WSW	5	7	29.60	— .25	27	26	— 10	NNE	2	0	1	40	27	0.06		
Greencastle ...	29.90	34	WSW	2	0	29.47	— .47	33	32	— 1	ESE	1	0	*	38	26	—		
Donaghadee ...	29.97	30	N	2	0	29.60	— .38	37	35	+ 8	NE	4	0	3	37	28	—		
Kingstown ...	29.99	36	S	1	0	29.54	— .49	38	37	+ 5	ENE	4	0	5	38	31	0.11		
Holyhead ...	30.00	36	WSW	2	0	29.48	— .52	36	35	— 1	ENE	5	0	4	39	33	0.10		
Liverpool (Bidston) ...	30.01	34	SW	1	0	29.49	— .50	32	32	+ 1	ENE	2	0	1	38	29	0.19		
Valencia ...	29.77	42	ESE	5	fgw	29.43	— .63	48	47	+ 16	WSW	2	0	2	49	32	0.29		
Roche's Point ...	29.83	44	SSE	6	7	29.50	— .57	42	42	+ 11	SE	3	0	4	46	31	0.43		
Pembroke ...	29.97	41	S	5	0	29.40	— .66	42	42	+ 9	N	1	0	3	44	33	0.42		
Portishead ...																			
Scilly ...	29.94	47	SSE	6	7	29.32	— .53	50	50	+ 8	WSW	6	0	5	50	41	0.80		
Praske Point ...	30.07	41	S	5	7	29.47	— .54	48	48	+ 15	SW	4	0	*	50	30	0.36		
Hurst Castle ...	30.12	36	S	1	0	29.39	— .59	46	46	+ 13	N	7	0	7	47	33	0.74		
Dover ...	30.16	32	NNN	3	0	29.49	— .33	43	43	+ 8	SW	5	0	4	44	31	0.45		
London ...	30.15	32	SW	1	0	29.36	— .58	40	40	+ 8	N	0	0	*	42	28	0.57		
Oxford ...	30.10	26	N	0	0	29.41	— .65	36	36	+ 8	NE	1	0	*	37	26	0.65		
Cambridge ...	30.12	24	WSW	1	0	29.44	— .65	34	34	+ 8	E	1	0	*	35	21	0.45		
Yarmouth ...	30.06	30	WSW	2	0	29.56	— .27	33	33	— 3	SE	5	0	4	36	27	0.23		
The Helder ...						29.74	+ .08	34	33	— 5	S	1	0	*	*	*	—		
Cape Girin Nez ...	30.14	36	SW	1	0	29.51	— .31	43	43	+ 4	SSE	7	0	6	?	36	0.28		
Jersey ...	30.16	42	S	3	0	29.56	— .47	50	50	+ 10	WSW	7	0	6	50	40	0.49		
Brest ...	30.08	30	S	4	0	29.67	— .52	52	50	+ 9	SW	5	0	7	?	?	0.32		
L'Orient ...	30.17	45	SE	3	0	29.75	— .50	50	50	+ 8	WSW	5	0	7	?	41	0.20		
Rocheport ...	30.33	52	S	3	0	29.98	— .07	50	48	— 2	S	4	0	3	52	45	—		
Biarritz ...	30.28	57	ENE	3	0	30.01	— .28	59	?	+ 5	SW	3	0	4	61	41	—		
Corunna ...																			
Brussels ...						29.71	+ .01	36	35	+ 1	S	4	0	*	39	32	0.08		
Charleville ...						29.78	+ .35	46	?	— 5	SE	3	0	*	*	*	—		
Paris ...	30.21	?	?	8	0	29.76	+ .03	46	44	+ 3	SW	3	0	*	*	*	0.08		
Lyons ...						30.10	+ .15	45	?	— 10	S	2	0	*	*	*	—		
Toulon ...	30.12	30	NN	7	0	30.12	— .00	?	41	?	NN	?	0	?	?	?	—		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudeanaes ...	29.35	33	29	WSW	8	0	Valencia	29.94	41	38	ESE	4	0	4
Thurso	29.73	32	32	WSW	4	0	Scilly	30.05	45	42	SSE	5	0	6
Scarborough ...	29.93	36	34	W	2	0	London	30.13	33	31	WSW	1	0	8
Mullaghmore ...	30.01	37	36	SW	5	0	Rocheport ...	30.21	48	46	WSW	3	0	3
Holyhead	30.05	38	34	WSW	3	0								

The barometer is again falling on our SW coast—especially at Valencia, accompanied by a freshening SE² wind, dull weather and a rising sea.

Mullaghmore	29.94	34	SW	3	0	29.58	— .42	34	34	0	E	5	0	2	37	32	—
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EXPLANATION OF COLUMNS.

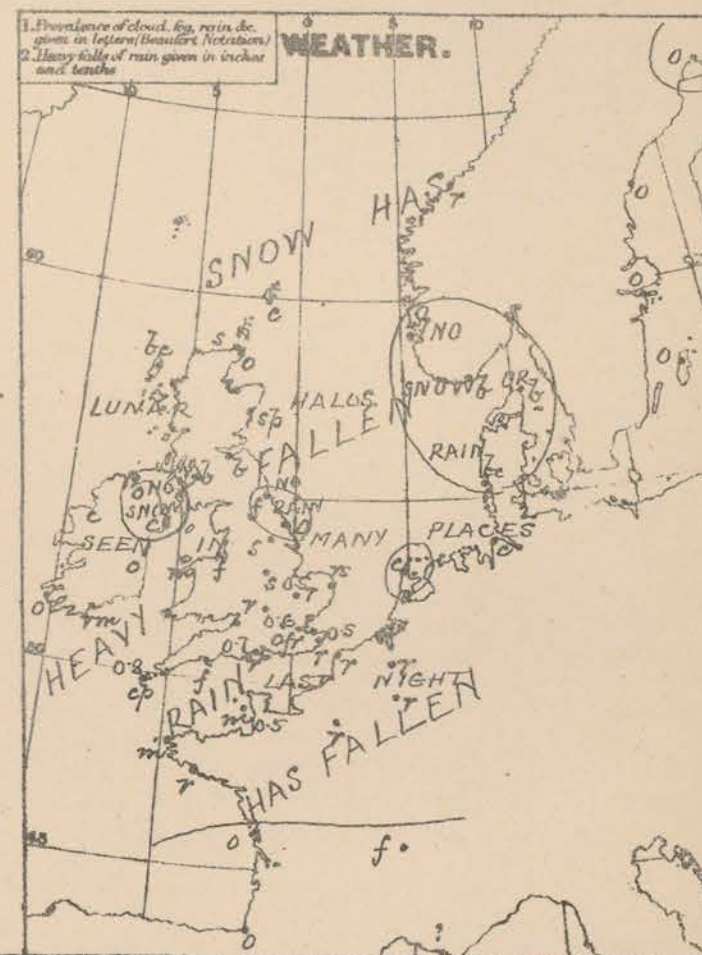
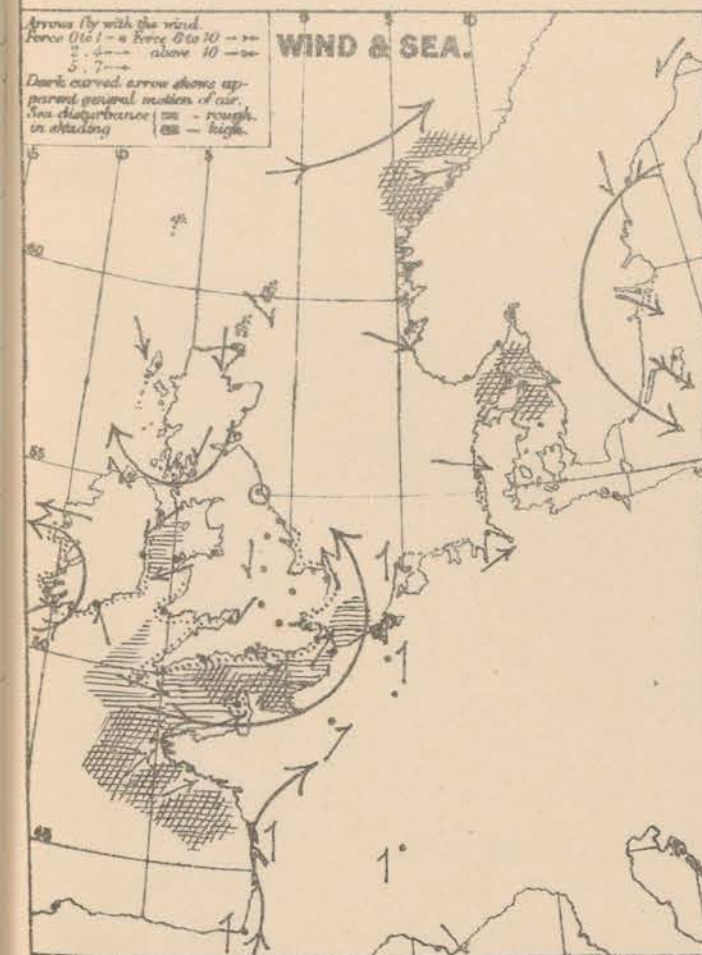
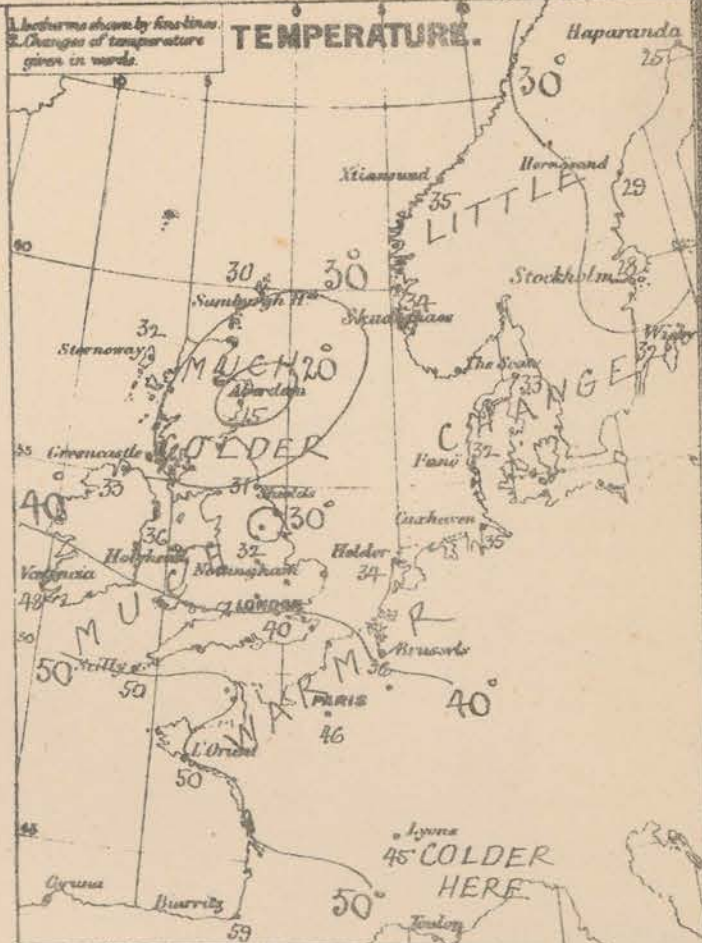
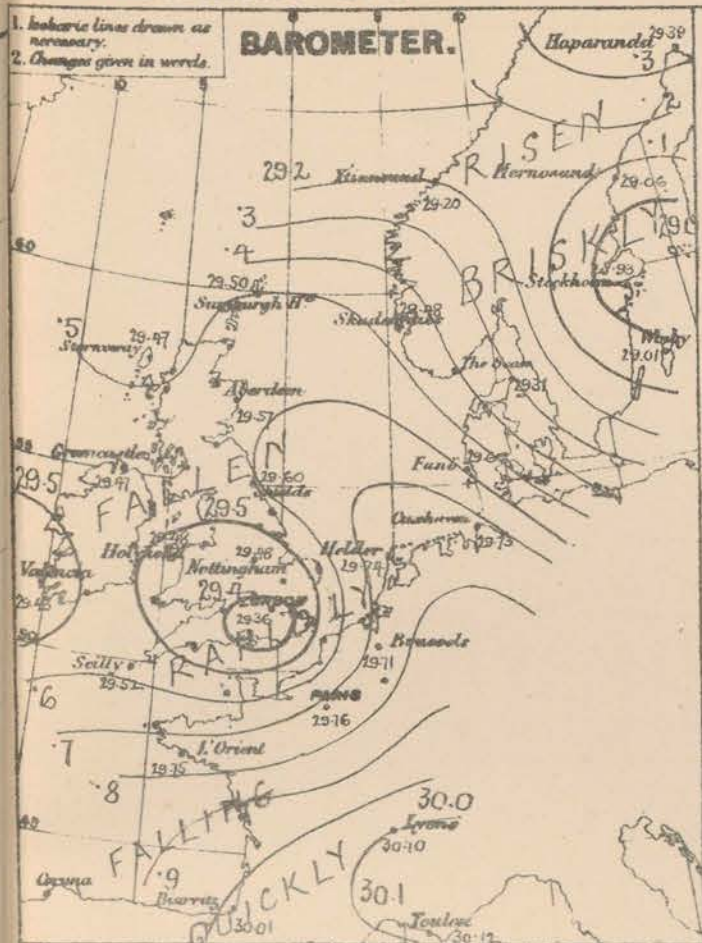
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Friday 3RD JAN^Y 1879.



Adapted to draw when the signals are not up

REMARKS Weather is in a very changeable unsettled condition over Ireland and England. In most places the sky is overcast, fog is very general at the English stations, and in the S and SE, and in the N. The rain has again been heavy, in the S the larger amounts measured this morning being 0.8 in. at Seilly, 0.7 in. at Brest Castle and Belfast, 0.6 in. at London, and 0.5 in. at Cambridge. D. and S. Sea. Temperature has risen of late in the S, but fallen in the N. as much as 15° at Aberdeen, and this morning's readings range from 50° at Plymouth to between 46° and 50° on our S. coast, 29° at York, and 15° at Aberdeen. Still further to the N. (at St. Petersburg) it is 35°. Wind is exceedingly variable. A light N. to S. gale prevails in the Channel, a fresh SE breeze at Yarmouth, calms on our NE. coast, moderate to fresh E. winds in the NW, light W. to NW winds in Scotland and a N. gale over the S. parts of Scandinavia. In the N. of Sweden the wind is NE. and at Helsingfors N. S. Sea is high in some parts of the Channel, rough in others, generally moderate on our N. and W. coasts. Barometrical indications. These are very complex. The highest readings (30.1 in. and upwards) are observed at the S. of France. Another deep depression lies over the Gulf of Bothnia, a second over England, and the third approaching the W. of Ireland, and there are indications of others advancing towards the W. of Norway and the Bay of Biscay. Warnings. Our N. W. S. and E. coasts were warned yesterday.

DAILY WEATHER REPORT

JAN 4th 1879.

	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sun. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda																			
Hernösand																			
Stockholm																			
Wisby																			
Christiansund	29.28	35	WST	5	0	29.31	+ .11	35	34	0	WST	6	0	5	36	25	0.12		
Skudesnaes	29.38	31	W	2	5	29.36	- .12	32	32	- 2	NNN	2	5	2	34	30	-		
Oxö (Xtiansand)	29.31	30	NNN	2	0	29.32	- .08	25	23	- 6	NNN	2	0	2	34	23	-		
Skagen (The Sea)	29.32	31	Z	0	0	29.32	+ .01	32	31	- 1	Z	0	0	0	36	25	-		
Fanö	29.40	31	Z	0	0	29.44	- .36	29	28	- 3	S	2	0	0	34	28	-		
Cuxhaven	29.48	34	SSE	1	5	29.41	- .02	32	32	- 3	S	1	5	0	30	-	-		
Sumburgh Head	29.35	32	WST	4	5	29.30	.00	35	35	+ 5	NNE	4	0	4	37	29	0.21		
Stornoway	29.53	36	N	3	0	29.75	+ .28	34	32	+ 2	N	5	0	5	36	27	0.03		
Thurso	29.45	29	NNN	2	5	29.64	+ .11	38	37	+ 9	N	6	0	5	40	28	0.31		
Wick	29.44	29	W	2	5	29.62	+ .11	36	36	+ 12	NN	3	0	2	38	21	0.14		
Nairn	29.52	26	NN	2	5	29.68		36	35		NN	6	0	3	37	24	0.25		
Aberdeen	29.48	27	NN	1	0	29.57	.00	36	35	+ 21	NNN	5	0	3	38	15	0.21		
Leith	29.52	27	NN	2	0	29.63	+ .06	35	33	+ 8	W	2	0	0	38	24	0.01		
Shields	29.49	31	NNN	2	0	29.59	- .01	35	34	+ 4	NN	3	0	2	35	26	0.02		
Scarborough	29.49	32	NNN	2	0	29.59	+ .01	32	31	+ 2	W	1	0	2	35	28	-		
York	29.57	31	N	1	0	29.64	+ .15	34	33	+ 5	NNN	1	0	0	34	19	-		
Nottingham	29.54	31	Z	0	0	29.70	+ .22	21	21	- 11	Z	0	0	0	33	18	0.02		
Ardrossan	29.54	33	NNE	1	0	29.72	+ .12	38	35	+ 11	NNN	3	0	2	40	27	-		
Greencastle	29.57	37	N	2	0	29.81	+ .24	37	35	+ 4	N	3	0	0	42	32	0.14		
Donaghadee	29.59	33	NNN	2	0	29.79	+ .19	39	37	+ 2	NNN	5	0	3	39	31	-		
Kingstown	29.61	37	NNN	4	0	29.83	+ .29	34	32	- 4	NNN	5	0	5	40	32	-		
Holyhead	29.56	38	NE	4	0	29.74	+ .26	42	39	+ 6	NNN	5	0	4	40	35	-		
Liverpool (Bidston)	29.56	31	NN	1	0	29.70	+ .21	37	36	+ 5	NNN	3	0	2	37	30	0.04		
Valencia	29.52	39	NE	4	0	29.77	+ .34	34	33	- 14	Z	0	0	1	49	32	0.01		
Roche's Point	29.58	35	SE	5	0	29.89	+ .39	33	32	- 9	N	3	0	4	42	31	0.28		
Pembroke	29.54	40	N	2	0	29.79	+ .39	38	36	- 4	N	3	0	3	42	33	0.09		
Portishead																			
Scilly	29.56	48	WST	5	0	29.80	+ .28	43	38	- 7	NNE	6	0	6	50	42	0.27		
Prasada Point	29.55	45	W	4	0	29.76	+ .29	34	33	- 14	NNE	4	0	4	49	34	0.11		
Hurst Castle	29.50	42	NNN	3	0	29.72	+ .33	34	33	- 12	N	2	0	3	46	33	0.09		
Dover	29.47	41	NNN	4	0	29.67	+ .18	33	32	- 10	NN	2	0	1	50	31	0.06		
London	29.52	37	NN	2	0	29.70	+ .34	30	29	- 10	W	2	0	0	40	30	0.17		
Oxford	29.53	32	N	1	0	29.70	+ .29	29	29	- 7	NN	1	0	0	36	28	0.03		
Cambridge	29.52	34	N	1	0	29.69	+ .25	25	24	- 9	N	1	0	0	26	24	-		
Yarmouth	29.45	36	NNE	2	0	29.60	+ .04	26	26	- 7	NNN	1	0	2	36	25	0.20		
The Helder						29.49	- .25	36	33	+ 2	NNN	2	0	0			0.22		
Cape Gris Nez	29.48	43	NNN	4	0	29.69	+ .18	36	32	- 7	N	2	0	2	50	34	0.28		
Jersey	29.59	48	W	6	0	29.65	+ .09	44	44	- 6	NE	3	0	3	51	43	0.68		
Brest	29.72	52	NNN	4	0	29.70	+ .03	48	46	- 4	NNN	4	0	6	54	46	0.08		
L'Orient	29.76	48	N	5	0	29.69	- .06	46	45	- 4	NN	4	0	5	54	43	0.04		
Rochefort	29.79	52	WST	6	0	29.72	- .26	50	48	0	W	8	0	7	54	45	0.71		
Biarritz	30.03	57	ST	4	0	30.02	+ .01	52	50	- 7	W	4	0	5	59	46	0.32		
Corunna																			
Brussels						29.62	- .09	39	37	+ 3	NNN	3	0	0	50	37	?		
Charleville						29.84	- .24	46	46	0	E	3	0	0					
Paris	29.63	52	?	3	0	29.65	- .11	45	44	- 1	W	3	0	0			0.12		
Lyons						29.90	- .20	50	48	+ 5	S	2	0	0					
Toulon	30.00	48	ST	2	0	29.93	- .19	46	45	?	NN	6	0	6	52	45	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.39	24	32	NW	2	5	Valencia	29.43	47	46	NW	3	om	3
Thurso	29.57	32	31	W	2	0	Scilly	29.56	47	45	NNW	6	cp	5
Scarboro ...	29.48	35	34	NNW	1	0	London	29.44	39	38	NNW	2	cg.	#
Mullaghmore ...	? 29.62	39	39	ESE	2	0	Rochefort ...	29.85	34	32	NW	5	f	4
Holyhead	29.53	37	36	NE	4	0								

The depression over England is passing off to the East and the barometer is rising at Scilly and Holyhead. The motion of the new depression in Ireland, is doubtful owing to an apparent error in the Mullaghmore.

Mullaghmore	29.63	35	WST	1	0	29.85	+ .27	38	36	+ 4	NNN	3	0	2	39	33	-
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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 DEC^r 29th 1878 to JAN^y 4th 1879.

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

During the first three days of this period, pressure was lowest to the NWrd or NWth of these Islands, and high in the S. of France. SW^{ly} to W^{ly} breezes consequently prevailed, bringing dull rainy weather to almost all districts, with high temperatures, - the maximum readings at Roches Point and Cambridge being as high as 59°. On Wednesday, the first sign of a change occurred, the barometer after rising quickly over these Islands began to fall in the SW. and a well marked depression advanced to these coasts. This disturbance passed in an E^{ly} and SE^{ly} direction right over the S. of England and the Channel, and was shown on Thursday morning over the NE of France, in its rear the barometer rose briskly with a W^{ly} breeze, very fine weather and a sharp frost, but on Thursday afternoon though the weather was still fine in the SE, a new disturbance was appearing in the SW. and passing like its immediate predecessor right across our Islands, gave first S^{ly} and then E^{ly} to W^{ly} breezes, the weather being dull, damp and raw. On Saturday (the depression by that time having passed on to Denmark), while a third had advanced to Brittany, the barometer was rising at our stations, an anticyclone was shown over Ireland and fine cold weather prevailed. The range of temperature during the week has been considerable.

SUNDAY DEC^r 29th 1878.

Weather dull and very cloudy in nearly all places, with rain over the N. of Scotland, the N. of France and some parts of England. Dull and unsettled at most stations all day, but locally clear in Scotland at 6 P.M., and occasionally very fine in the SE. of England. Rain fell everywhere.

Temperature risen fast at our NWth stations and several degrees over France, but fallen slightly elsewhere, readings varying from 49° at Sully to 33° at Kairo. Thermometer reaching 53° in London and 59° at Cork during day.

Wind generally S^{ly} (SW. to SE) over Western Europe, but drawing into E. in the Shetlands. Blowing freshly in the SW., and strongly at Edinburgh Heads. Strong SE wind at Valentia at 6 P.M. and S^{ly} gale in SW. at night.

Sea rough S. and N.

Barometer risen briskly over Scandinavia fallen elsewhere. Readings high both over the Gulf of Bothnia and the Mediterranean; large shallow depression in N. and NW., and several small depressions passing over the British Isles.

MONDAY DEC^r 30th 1878.

Weather fine in the NW. and NE. very cloudy and unsettled elsewhere; rain at several of our own and the French stations, and mist at a few places. Rain subsequently fell except in the N. and central parts of England.

Temperature risen except in the Gulf of Bothnia, varying from 48° to 53° at our more SW. and SWth stations. In London maximum 56°, and lowest temperature in following night 50°.

Wind SE^{ly} in the N. of Norway and at Edinburgh Heads, E^{ly} in the N. of Scotland, SW^{ly} to S^{ly} in most other places. Blowing strongly in the N. and S. and reaching a gale at Valentia and Skudersnaes.

Sea rough in the S. generally and high off Valentia.

Barometer rising in the S. falling briskly in the N. Pressure high over Mediterranean. A deep depression lying over the N. of Scotland and growing still deeper. Fresh fall in Ireland at evening.

TUESDAY DEC^r 31st 1878.

Weather dull over nearly the whole of Western Europe, and squally in the United Kingdom. Very unsettled all day, and rain falling except over France.

Temperature risen rapidly in Sweden, but changed very little over these Islands and their neighbourhood; varying from 59° at Biarritz and 54° at Cambridge to 37° in the N. Maximum exceeding 50° except in Scotland, and rising to 59° at Cambridge and Nottingham, and 63° at Biarritz.

Wind light from the End in the N., strong to a gale from SW. or WSW. in most other places. More W^{ly} in direction

later in the day, and blowing a gale at night except in Scotland.
Sea high or rough in the N. and S. and off the S.W. of Norway.
Barometer rising over France and the Channel, - falling elsewhere - rapidly in Norway and Sweden, slightly over these Islands. Readings highest over Southern France; a large depression over Scotland.

WEDNESDAY JAN^y 1st 1879.

Weather fair at first over the greater part of these Islands, but snow falling in the N.W. Sky overcast on the Continent, rainy over Norway. Heavy snow and rain subsequently at all the more S.W. stations.

Temperature fallen generally, - as much as 10° to 16° in the E. Varying from 53° at Scilly to 28° in the Shetlands. Maxima at Central and S.W. stations between 45° and 50°, and minima between 25° and 30° over Central England.

Winds N.W. in Scotland, N. over England, the North Sea and N. of France, S. in Sweden. Strong in force except in the N. and N.E. and blowing a gale in several places. Wind shifting to S.W. at the entrance to the Channel at night, and to E. in the N. and S. and blowing a strong wind or gale.

Sea rough in the N. and S.W., and high off Ushant.

Barometer falling over Scandinavia, and large depression shown near Christiansund, rising elsewhere - rapidly over Scotland. Fresh disturbance appearing in S.W. in the afternoon, and travelling E. and S.E. over the S. of England & the Channel.

THURSDAY, JAN^y 2nd

Weather dull over France, dull and snowy in the N. of Scotland and over Sweden and Norway, very fine over the greater part of the United Kingdom. Weather fair most of the day, but heavy rain again at night with some snow.

Temperature fallen generally, varying from 42° at Scilly to 25° at Nottingham. Maximum readings during day rather low.

Winds between N.W. and N. at nearly all places, light or moderate on our coasts, but strong to a gale over the North Sea and the Netherlands. Strong S. to S.E. winds in S.W. at night.

Sea rough on many parts of our coasts.

Barometer fallen rapidly in the N.E. of France, risen briskly elsewhere. Pressure greatest over Spain, least over the N. of Scandinavia. A small depression over the N.E. of France, and a new depression appearing in the S.W. during afternoon.

FRIDAY JAN^y 3rd

Weather very unsettled, snow and rain falling over the major part of Great Britain and the N. of France and sky overcast generally. Fair in N.W. in evening, but snow and rain continuing elsewhere.

Temperature several degrees lower than on the 2nd in Scotland, much warmer over England and Ireland, varying from 53° at Scilly to 15° at Aberdeen. Minima in N. of England in night below 20°.

Winds S.W. to N.W. over the Channel and N. of France strong to a gale; S. in the S.E., and E. over the N. of England and Ireland. On the E. shores of the North Sea separate N.W. current existing, blowing a gale over Scandinavia. N. breezes in evening.

Sea rough to high in S. and N. as well as at Christiansund and in the Skager Rack.

Barometer falling quickly over these Islands rising in Scandinavia. Pressure high over Mediterranean. Depressions shown over England, the N. of Ireland and the Baltic, the former moving E. and S.

SATURDAY JAN^y 4th

Weather still cloudy and unsettled on the Continent and in the N. and N.W. finer elsewhere. Very little rainfall during day.

Temperature risen fast N. (as much as 21° at Aberdeen), fallen quickly S., readings comparatively uniform over England generally, but varying from 43° at Scilly to 21° at Nottingham. Minima next night low only in E. and Central districts.

Winds N. to N.W. on our coasts and N.W. to N. over France, fresh to strong in force except in the S.E. Fresh N. winds all day.

Sea rough in the S.W. and N.

Barometer rising over these Islands falling on the Continent. Anticyclone over Ireland, disturbances on the E. shores of the North Sea and over Brittany. Pressure increasing briskly during day.

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

DAILY WEATHER REPORT

JAN 5th

1879.

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.	
			Dirco.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.39	23	NE	4	S	29.54	+ .11	23	23	+ 2	N	8	0	*	23	19	0.12	
Hernösand ...	29.51	19	NNW	4	δ	29.63	+ .27	22	20	- 2	NNW	4	δ	*	*	*	-	
Stockholm ...	29.40	22	N	4	C	29.55	+ .30	19	18	- 5	N	2	0	*	*	*	-	
Wisby ...	29.35	31	NNE	4	δC	29.52	+ .29	25	23	- 7	NNW	8	0	*	*	*	-	
Christiansund ...	29.49	28	ENE	4	δ	29.80	+ .49	24	23	- 11	E	3	δ	3	30	18	0.20	
Skudesnaes ...	29.54	33	NNW	2	δC	29.70	+ .37	34	34	+ 2	NNW	1	0	2	34	32	-	
Oxö (Xtiansand)	29.50	32	N	2	0	29.76	+ .44	30	29	+ 5	NE	2	5	2	33	28	-	
Skagen (The Seaw)	29.50	30	NE	2	S	29.75	+ .43	29	28	- 3	NNE	3	0	2	34	23	0.12	
Fanö ...	29.54	30	N	2	δC	29.73	+ .49	34	34	+ 5	N	4	C	*	34	28	-	
Cuxhaven ...	29.57	34	N	1	0	29.80	+ .39	35	35	+ 3	N	1	C	*	?	28	-	
Sumburgh Head	29.54	37	NNW	5	r	29.82	+ .32	36	34	+ 1	N	3	δ	2	38	32	0.15	
Stornoway	29.89	34	NN	4	C	30.01	+ .26	35	34	+ 1	N	2	δC	4	35	31	0.02	
Thurso ...	29.76	38	NNW	6	S	29.92	+ .28	40	40	+ 2	NNW	4	r	4	40	34	0.32	
Wick ...	29.75	34	NNW	4	S	29.93	+ .31	36	34	0	?	2	δC	2	37	32	0.25	
Nairn ...	29.85	34	NNW	2	C	29.90	+ .22	37	36	+ 1	NN	4	C	2	37	33	-	
Aberdeen ...	29.80	34	NNW	3	δ	29.89	+ .32	36	35	0	NN	2	δasp	3	37	33	0.06	
Leith ...	29.87	34	NNW	4	δ	29.97	+ .34	31	31	- 4	N	3	δ	*	40	30	-	
Shields ...	29.85	35	NNW	5	δ	30.00	+ .41	32	32	- 3	NNW	3	δ	3	39	31	-	
Scarborough	29.82	36	NN	4	δC	30.02	+ .43	32	30	0	N	1	δ	2	39	31	-	
York ...	29.85	34	N	1	δ	30.04	+ .40	27	27	- 7	NNW	1	δ	*	40	26	-	
Nottingham ...	29.92	31	NN	1	δ	30.12	+ .42	23	23	+ 2	N	1	δ	*	39	19	-	
Ardrossan ...	29.93	38	NN	3	δ	30.03	+ .31	36	33	- 2	NNE	3	δ	2	40	28	-	
Greencastle ...	29.99	34	NNW	2	δ	30.08	+ .27	34	32	- 3	NNE	2	0	*	40	30	0.04	
Donaghadee ...	30.02	35	NNW	4	C	30.12	+ .33	34	33	- 5	NNW	2	0	1	40	31	-	
Kingstown ...	30.05	37	NNW	4	δ	30.14	+ .31	29	28	- 5	NNW	3	δC	3	37	28	-	
Holyhead ...	29.99	41	NN	6	δC	30.10	+ .36	41	36	- 1	NN	2	C	2	44	36	-	
Liverpool (Bidston)	29.95	37	NNW	3	δ	30.09	+ .39	34	33	- 3	N	1	C	1	38	34	-	
Valencia ...	30.12	37	NNW	1	δ	29.98	+ .21	43	40	+ 9	E	4	C	3	47	32	-	
Roche's Point...	30.14	36	N	3	δ	30.05	+ .16	40	38	+ 7	ESE	4	δC	4	43	31	-	
Pembroke ...	30.06	41	NN	4	δ	30.13	+ .34	36	35	- 2	E	1	δC	3	46	35	-	
Portishead																		
Scilly ...	30.16	45	NNW	5	0	30.05	+ .25	44	42	+ 1	SE	6	r	6	46	41	0.04	
Prætor P.	30.08	? 38	NNW	3	δ	?	?	37	35	+ 3	E	1	δ	4	45	32	-	
Hurst Castle ...	29.95	36	NN	2	δ	30.16	+ .44	33	33	- 1	NN	3	δ	4	43	31	-	
Dover ...	29.86	35	NN	2	C	30.12	+ .45	32	31	- 1	NN	3	δ	1	38	31	0.02	
London ...	29.92	37	WSW	1	C	30.11	+ .41	27	26	- 3	SW	1	*	*	39	27	-	
Oxford ...	29.93	33	NN	1	δ	30.13	+ .43	27	27	- 2	N	1	δ	*	38	27	-	
Cambridge ...	29.90	34	NN	1	C	30.12	+ .43	28	27	+ 3	N	1	δ	*	38	24	-	
Yarmouth ...	29.74	36	NNW	3	C	30.03	+ .43	27	27	+ 1	NNW	3	δm	3	36	25	-	
The Helder ...	*	*	*	*	*	29.89	+ .40	37	36	+ .1	NN	3	r	*	*	*	0.12	
Cape Gris Nez	29.90	39	NNW	3	m	30.09	+ .40	34	34	- 2	NNW	3	δ	2	41	34	-	
Jersey ...	30.05	42	NN	3	C	30.21	+ .56	40	37	- 4	L	0	C	0	44	38	-	
Brest ...	30.14	48	N	2	δ	30.15	+ .45	45	43	- 3	SW	3	r	5	48	37	0.04	
L'Orient ...	30.11	41	?	3	δ	30.22	+ .53	41	39	- 5	S	3	0	5	50	36	-	
Rocheport ...	30.05	52	NNW	5	δC	? 30.24	+ .52	41	39	- 9	SSW	3	δC	3	55	?	0.28	
Biarritz ...	30.17	34	N	8	C	30.31	+ .29	50	46	- 2	SW	4	0	5	55	45	0.28	
Corunna ...	*	*	*	*	*	30.34	+ .14	53	*	0	SW	3	δ	1	*	*	*	
Brussels ...	*	*	*	*	*	30.06	+ .44	35	33	- 4	N	2	0	*	45	34	0.04	
Charleville ...	*	*	*	*	*	? 30.04	+ .50	34	*	- 12	SW	3	C	*	*	*	*	
Paris ...	29.95	38	NN	3	δ	30.21	+ .56	35	34	- 10	NN	1	δ	*	*	*	0.08	
Lyons ...	*	*	*	*	*	?	?	46	*	- 4	N	2	C	*	*	*	*	
Toulon ...	29.86	45	?	6	C	30.02	+ .09	? 41	34	- 5	?	7	δ	8	48	39	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.45	33	32	NNW	2	c	3	Valencia	30.08	46	43	N	1	δ	2
Thurso	29.76	38	36	NNW	4	c	4	Scilly	30.02	45	41	N	5	c	6
Scarborough ...	29.70	39	37	NNW	5	c	4	London	29.80	39	37	NN	3	δc	*
Mullaghmore	29.99	40	38	NNW	2	c	2	Rocheport ...	29.85	50	48	NNW	6	δc	4
Holyhead	29.90	42	39	NN	6	δ	4								

The barometer has risen on all our coasts since the morning - rapidly in the SW. - but the rise seems to have checked very suddenly at Valencia since noon, and a very gentle N. breeze has set in, with clear weather.

Mullaghmore	30.05	38	NNW	5	δC	30.10	+ .25	34	33	- 4	E	4	δ	2	41	33	0.08
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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 6TH 1879.

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	29.76	15	N	4	0	29.99	+ .45	10	9	- 13	N	4	0	*	23	9	-		
Hernösand	29.84	18	N	8	0	30.09	+ .46	17	15	- 5	NNE	8	0	*	*	*	-		
Stockholm	29.80	19	NNW	4	0	29.95	+ .40	16	15	- 3	NNW	4	0	*	*	*	-		
Wisby	29.70	26	NNW	8	0	29.86	+ .34	26	24	+ 1	NNW	6	0	*	*	*	-		
Christiansund	30.01	29	ESE	1	0	30.26	+ .46	24	23	0	ESE	2	0	3	2	18	-		
Skudesnaes	29.95	24	ENE	4	0	30.13	+ .40	35	33	+ 1	SW	2	0	3	36	24	-		
Oxö (Klansand)	29.98	30	NNE	4	0	30.17	+ .41	26	24	- 4	NNE	4	0	2	20	25	-		
Skagen (The Sæw)	29.97	29	NNE	2	0	30.13	+ .38	26	23	- 3	NNE	5	0	5	30	21	-		
Fanö	29.99	30	S	4	0	30.08	+ .35	28	28	- 6	NE	4	5	*	34	28	0.04		
Cuxhaven	29.95	38	NNW	1	0	30.07	+ .27	33	33	- 2	N	1	0	*	?	32	0.04		
Sumburgh Head	30.02	37	NNE	3	0	30.19	+ .37	34	33	- 2	NE	2	0	2	38	33	0.04		
Stornoway	30.11	35	N	3	0	30.10	+ .09	35	34	0	SE	4	0	3	35	31	-		
Thurso	30.12	39	NNW	2	0	30.21	+ .29	28	28	- 12	W	0	0	3	41	28	0.12		
Wick	30.09	36	N	2	0	30.22	+ .29	30	29	- 6	N	1	0	0	39	25	-		
Nairn	30.10	35	NNW	2	0	30.21	+ .31	29	28	- 8	W	0	0	1	37	28	-		
Aberdeen	30.03	36	NNW	2	0	30.22	+ .38	35	34	- 1	NNW	1	0	2	37	35	0.15		
Leith	30.06	36	N	3	0	30.20	+ .23	26	26	- 5	W	0	0	*	39	24	-		
Shields	30.15	36	NNW	1	0	30.22	+ .22	36	35	+ 4	NNW	2	0	3	37	32	-		
Scarborough	30.03	37	NNW	2	0	30.18	+ .16	35	35	+ 3	NNW	1	0	2	38	32	-		
York	30.09	34	NNW	1	0	30.24	+ .20	27	27	0	NNW	1	0	*	40	25	-		
Nottingham	30.12	24	W	0	0	30.26	+ .14	15	14	- 8	W	0	0	*	32	14	-		
Ardrossan	30.10	32	NE	2	0	30.20	+ .17	30	29	- 6	E	1	0	4	42	28	-		
Greencastle	30.10	36	N	1	0	30.11	+ .03	35	33	+ 1	SSE	2	0	*	37	25	0.10		
Donaghadee	30.15	33	NNW	2	0	30.20	+ .08	37	35	+ 3	ESE	3	0	2	37	27	-		
Kingstown	30.14	32	W	0	0	30.17	+ .03	37	34	+ 8	SSE	4	0	3	37	27	-		
Holyhead	30.10	38	NNW	1	0	30.19	+ .09	32	31	- 9	ENE	1	0	0	40	30	-		
Liverpool (Midston)	30.13	35	N	1	0	30.24	+ .15	26	25	- 8	SE	1	0	1	38	22	-		
Valencia	29.99	45	ESE	1	0	29.92	- .06	46	45	+ 3	SE	8	0	6	47	40	0.31		
Roche's Point	30.06	43	ESE	5	0	30.06	+ .01	44	44	+ 4	SE	6	0	5	45	40	0.32		
Pembroke	30.03	36	E	2	0	30.18	+ .05	37	35	+ 1	E	3	0	3	39	32	-		
Portishend																			
Scilly	30.02	45	ESE	6	0	30.10	+ .05	44	44	0	ESE	7	0	6	45	44	0.13		
Prawle Pt.	30.06	42	ESE	5	0	30.17	?	41	38	+ 4	ESE	5	0	6	43	33	-		
Hurst Castle	30.12	35	ENE	2	0	30.21	+ .05	28	28	- 5	NNE	2	0	3	41	28	-		
Dover	30.15	34	NNW	2	0	30.20	+ .08	31	29	- 1	NNW	2	0	1	38	30	-		
London	30.14	29	W	0	0	30.24	+ .13	23	22	- 4	NNW	1	0	*	39	21	-		
Oxford	30.15	29	W	0	0	30.24	+ .11	20	19	- 7	W	0	0	*	38	19	-		
Cambridge	30.13	30	NNW	1	0	30.13	+ .01	22	22	- 6	SW	1	0	*	39	18	-		
Yarmouth	30.06	30	N	2	0	30.17	+ .14	31	31	+ 4	N	1	0	2	33	26	-		
The Helder	*	*	*	*	*	30.09	+ .20	39	36	+ 2	N	1	0	*	*	*	0.04		
Cape Gris Nez	30.13	36	NNW	1	0	30.23	+ .14	36	34	+ 2	NNW	1	0	1	39	34	-		
Jersey	30.10	39	E	3	0	30.23	+ .02	38	35	- 2	ESE	3	0	3	42	34	-		
Brest	29.97	46	SE	4	0	30.14	- .01	37	37	- 8	SE	3	0	5	52	36	0.71		
L'Orient	29.99	39	SE	4	0	30.19	- .03	36	36	- 5	E	3	0	3	43	34	0.87		
Rocheport	29.99	52	SW	5	0	30.18	- .06	37	36	- 4	E	4	0	3	57	37	0.67		
Biarritz	30.20	55	SSW	2	0	30.17	- .14	34	30	+ 4	NNW	5	0	5	61	50	0.43		
Corunna	*	*	*	*	*									*	*	*	*		
Brussels	*	*	*	*	*	30.19	+ .13	33	32	- 2	NNW	1	0	*	39	31	-		
Charleville	*	*	*	*	*	30.14	+ .10	29	*	- 5	SW	1	0	*	*	*	*		
Paris	30.19	35	NNW	2	0	30.24	+ .03	31	31	- 4	NNW	1	0	*	*	*	*		
Lyons	*	*	*	*	*	30.08	?	41	*	- 5	N	6	0	*	*	*	*		
Toulon	30.15	39	NNW	6	0	30.08	+ .06	37	37	- 4	NNW	3	0	3	48	39	-		
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.																			
	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.						
Skudesnaes	29.85	35	33	ENE	2	0	2	Valencia											
Thurso								Scilly											
Scarborough								London											
Greencastle							*	Rocheport	30.14	41	39	SSE	4	0	3				
Holyhead																			
Mullaghmore	30.11	37	ESE	4	0	30.04	- .06	39	35	+ 6	SE	6	0	4	39	30	-		

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 7th 1879.

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.	SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rain.	Max.	Min.	Amount of Rain.
			Dir.	Force (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.				
Haparanda	30.01	8	W	2	0	29.84	15	13	+ 3	W	0	0	0	14	3	—	—	—	—
Hernösand	30.32	8	W	0	0	30.13	14	25	+ 8	NW	2	0	0	—	—	—	—	—	—
Stockholm	30.23	17	NW	6	5	30.28	33	9	— 7	W	0	0	0	—	—	—	—	—	—
Wisby	30.05	30	NE	8	0	30.21	35	26	— 0	E	4	0	0	—	—	—	—	—	—
Christiansund	30.33	23	ESE	3	0	30.31	35	24	— 0	ESE	1	0	3	25	—	—	—	—	—
Skudesnaes	30.39	27	E	6	0	30.41	38	26	— 9	ESE	4	0	3	36	—	—	—	—	—
Oxö (Kriensand)	30.39	21	NNE	6	0	30.43	36	16	— 8	N	4	0	2	27	16	—	—	—	—
Skagen (The Sæw)	30.34	28	NE	4	0	30.39	36	22	— 4	ENE	3	0	2	27	18	—	—	—	—
Fanö	30.13	15	N	4	0	30.32	34	19	— 9	N	4	0	—	28	12	—	—	—	—
Cuxhaven	30.20	32	ENE	4	0	30.28	35	24	— 8	ENE	4	0	—	—	23	—	—	—	—
Sumburgh Head	30.21	37	SE	4	0	30.10	38	34	+ 4	SE	6	0	6	39	32	0.02	—	—	—
Stornoway	29.96	38	SE	6	0	29.98	38	39	+ 5	SSE	7	0	6	40	34	—	—	—	—
Thurso	30.16	35	SE	2	0	29.99	37	36	+ 9	SSE	6	0	4	38	—	—	—	—	—
Wick	30.15	37	S	4	0	30.01	39	36	+ 9	S	6	0	5	40	28	—	—	—	—
Nairn	30.10	29	W	0	0	29.96	38	29	+ 1	W	0	0	1	32	29	—	—	—	—
Aberdeen	30.19	32	W	0	0	30.09	38	35	+ 3	S	8	0	6	39	31	0.02	—	—	—
Leith	30.17	32	SE	1	0	30.05	38	31	+ 6	SE	1	0	—	36	24	—	—	—	—
Shields	30.21	36	W	0	0	30.14	38	34	— 0	SSE	5	0	4	38	34	—	—	—	—
Scarborough	30.23	38	NE	1	0	30.19	38	33	— 0	SSE	6	0	5	41	32	—	—	—	—
York	30.22	34	W	1	0	30.16	38	33	+ 8	SE	3	0	—	35	25	—	—	—	—
Nottingham	30.27	25	W	0	0	30.12	38	32	+ 7	SE	3	0	—	32	15	—	—	—	—
Ardrossan	30.14	35	E	2	0	29.99	38	32	+ 4	SSE	3	0	3	39	29	0.02	—	—	—
Greencastle	30.01	35	S	5	5	29.79	38	37	+ 3	SE	4	0	—	38	32	0.23	—	—	—
Donaghadee	30.12	37	SSE	5	0	29.92	38	38	+ 2	SSE	7	0	5	39	35	0.10	—	—	—
Kingstown	30.06	39	SSE	6	0	29.85	38	38	+ 2	SSE	7	0	6	39	36	0.26	—	—	—
Holyhead	30.14	35	SSE	1	0	29.92	38	35	+ 4	ESE	2	0	1	36	31	0.01	—	—	—
Liverpool (Hedston)	30.22	30	SE	1	0	30.02	38	32	+ 7	ESE	4	0	3	33	23	—	—	—	—
Valencia	29.90	49	SE	3	0	29.55	38	30	+ 4	SE	5	0	5	32	44	0.45	—	—	—
Roche's Point	29.93	43	SE	6	0	29.64	38	45	+ 1	SE	7	0	5	46	42	0.58	—	—	—
Pembroke	30.11	40	SE	5	0	29.84	38	37	+ 1	ESE	8	0	5	41	36	0.40	—	—	—
Portishead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Seilly	30.03	45	SSE	9	0	29.74	38	49	+ 5	ESE	6	0	6	49	44	1.11	—	—	—
Pointe à Pitre	30.15	41	ESE	5	0	29.90	38	38	— 3	ESE	8	0	—	42	35	0.36	—	—	—
Hurst Castle	30.26	36	SSE	2	0	30.03	38	35	+ 8	SSE	4	0	4	41	—	0.07	—	—	—
Dover	30.24	36	NNW	2	0	30.14	38	35	+ 5	SE	2	0	1	37	31	—	—	—	—
London	30.26	33	W	0	0	30.11	38	31	+ 9	ENE	2	0	—	33	23	—	—	—	—
Oxford	30.24	27	W	0	0	30.09	38	31	+ 13	SE	1	0	—	33	20	—	—	—	—
Cambridge	30.24	28	W	1	0	30.14	38	32	+ 11	E	1	0	—	33	21	—	—	—	—
Yarmouth	30.22	33	W	1	0	30.19	38	32	+ 2	ESE	5	0	4	34	30	0.03	—	—	—
The Helder	—	—	—	—	—	30.24	38	27	— 9	NE	3	0	—	—	—	—	—	—	—
Cape Gris Nez	30.26	37	W	0	0	30.14	38	32	— 2	SE	1	0	0	39	32	—	—	—	—
Jersey	30.21	38	SSE	3	0	29.96	38	35	— 3	ESE	5	0	5	39	33	0.77	—	—	—
Brest	30.10	43	SSE	4	0	29.86	38	30	+ 13	NW	2	0	5	—	37	0.79	—	—	—
L'Orient	30.19	37	ESE	3	0	29.95	38	37	+ 1	E	4	0	4	45	34	0.75	—	—	—
Rochefort	30.22	46	E	2	0	30.07	38	39	+ 4	SW	2	0	3	34	34	0.43	—	—	—
Biarritz	30.15	34	W	5	0	30.11	38	30	— 0	NW	5	0	4	35	48	1.18	—	—	—
Corunna	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Brussels	—	—	—	—	—	30.20	38	27	— 5	NE	4	0	—	36	28	—	—	—	—
Charleville	—	—	—	—	—	30.08	38	30	+ 1	NW	1	0	—	—	—	—	—	—	—
Paris	30.28	34	NNW	2	0	30.15	38	31	+ 1	NNW	1	0	—	—	—	—	—	—	—
Lyons	—	—	—	—	—	30.14	38	41	— 0	E	2	0	—	—	—	—	—	—	—
Toulon	30.08	43	E	3	0	30.08	38	39	+ 4	SE	2	0	3	44	37	—	—	—	—

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.31	31	28	ESE	6	5	8	Valencia	29.87	49	47	SE	6	09	6
Thurso	30.18	32	32	SE	1	0	3	Seilly	30.01	44	44	SE	8	r	6
Scarborough ...	30.22	40	39	NE	1	0	2	London	30.25	32	31	L	0	3f.	6
Mullaghmore ...	29.92	38	37	SE	7	40	5	Rochefort ...	30.22	41	39	ESE	4	0	3
Holyhead	30.13	35	35	SSE	1	00	0								

Barometer falling in E. of England, and the wind has increased to a fresh gale at Seilly.

Mullaghmore	29.90	40	ESE	6	—	29.70	—	34	42	40	+ 3	ESE	6	09	4	45	37	0.30
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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.

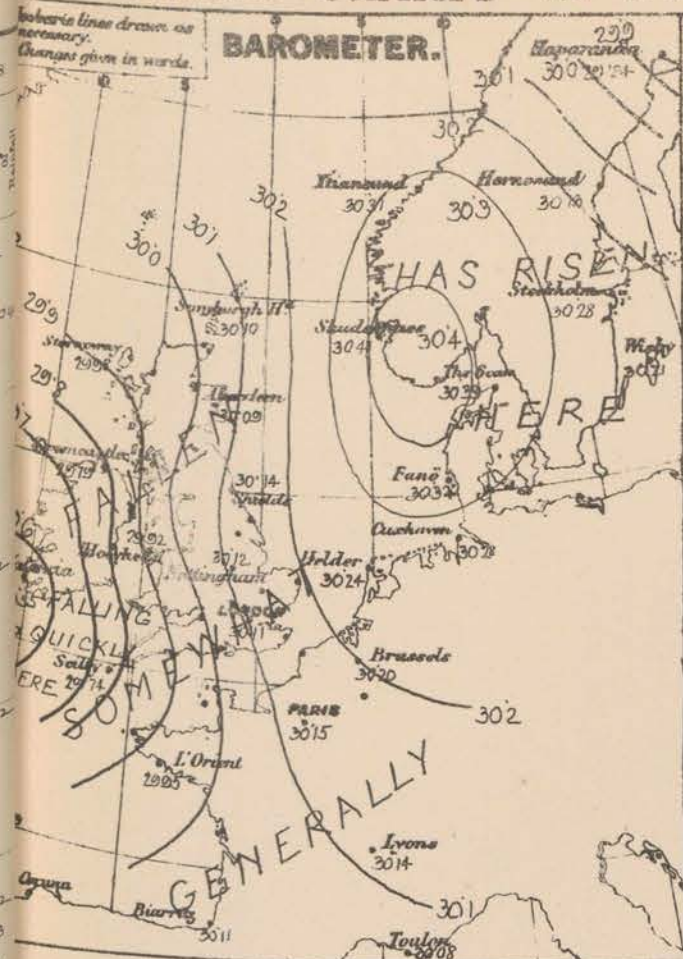
* AN ASTERISK is inserted in all places for which information is not usually received.

† 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.

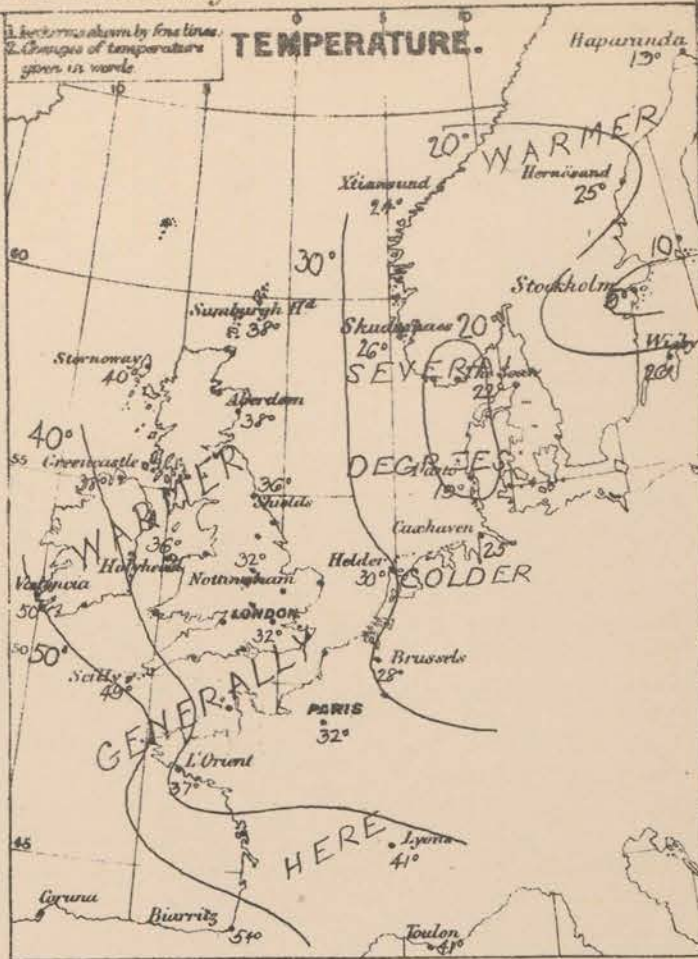
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Tuesday 7th JAN^y 1879.

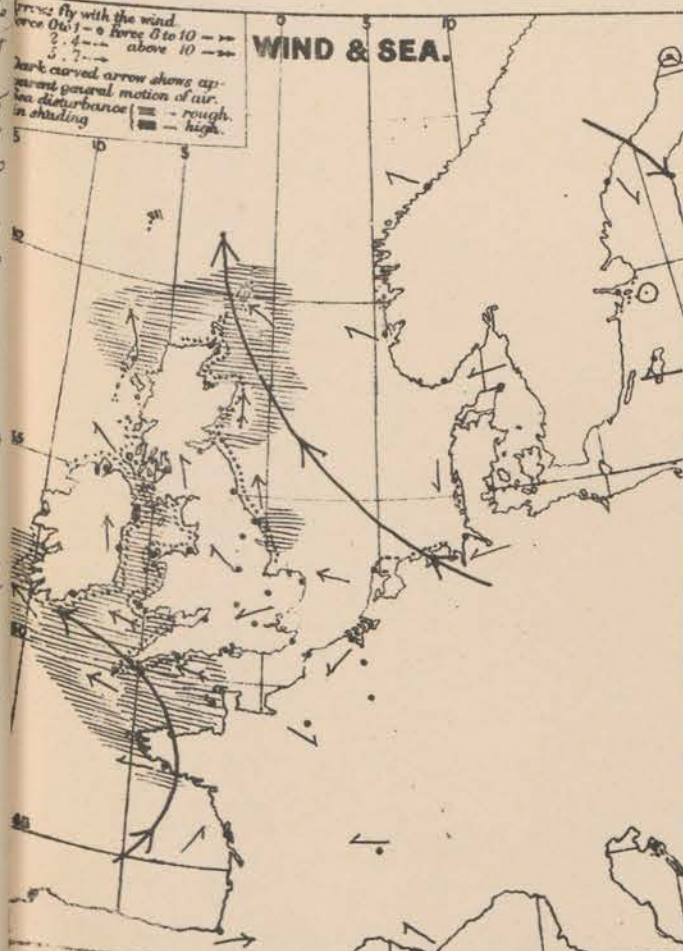
BAROMETER.



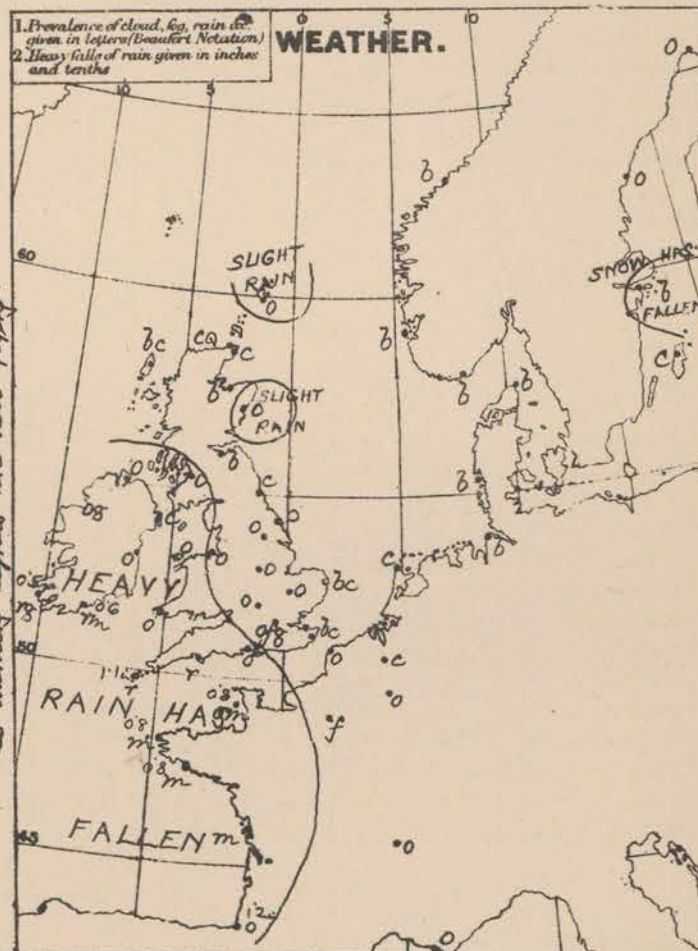
TEMPERATURE.



WIND & SEA.



WEATHER.



REMARKS. Weather is fine at a few of the Scotch stations and on the eastern shores of the North Sea, but is dull or very cloudy in nearly all other places; in the southwest of England as well as in the west and south of Ireland rain is reported, while fog and mist prevail at several stations. Heavy rain has fallen in the west of France and on our south west coasts. A gentle rain has fallen over Denmark and South Norway but rises elsewhere - briskly at our inland stations; it at present varies over these islands from 50" at Valentia to 30" at Harwich, while at Fano (Denmark) and Oslo (S. Norway) the thermometer is as low as 19° and 18° respectively. Wind is light from SW over the Bay of Biscay but is S. to SE on all our coasts; it blows freshly or strongly except in the southeast of England and rises to the force of a gale at a few stations. Sea is rough in the south west, west and north.

Barometrical Indications. Pressure has increased briskly over Norway and Denmark but falls over the United Kingdom and France. A rather deep depression lies off our south west coasts (Valentia 29.55 in.) while an anticyclone lies over the south west of Norway (Oslo 30.43 in.)

Warnings. Our north west coasts were warned (South Line) yesterday and our north and north east coasts this morning, while orders have been sent to keep up the signals in the south west.

DAILY WEATHER REPORT

JAN 8TH

1879.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRE.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force (0 to 12).			Max.	Min.		
Haparanda ...	30.09	15	?	2	δ	30.21	+ .37	10	10	- 3	Z	0	0	*	2.1	3	-	
Hernösand ...	30.16	31	NNN	2	0	30.26	+ .13	21	?	- 4	Z	0	0	*	*	*	-	
Stockholm ...	30.13	19	NN	2	0	30.12	- .16	25	24	+ 16	NNN	4	5	*	*	*	-	
Wisby ...	30.01	29	N	8	0	29.99	- .22	31	30	+ 5	NE	6	0	*	*	*	-	
Christiansund ...	30.26	22	ESE	2	δ	30.16	- .15	22	20	- 2	E	1	δ	3	27	14	-	
Skudesnaes ...	30.28	27	SSE	8	δ	30.17	- .24	27	24	+ 1	SE	4	δ	4	27	25	-	
Oxö (Kriensand) ...	30.32	15	NNN	4	δ	30.23	- .20	11	10	- 7	NNN	4	δ	2	19	9	-	
Skagen (The Seaw) ...	30.32	18	NN	2	δ	30.20	- .19	25	23	+ 3	NNE	3	δ	3	27	14	-	
Fanö ...	30.25	19	ENE	4	δ	30.15	- .17	19	19	0	ENE	3	δ	*	23	18	-	
Cuxhaven ...	30.29	29	ENE	4	δ	?	?	23	23	- 2	E	3	δ	*	?	21	-	
Sumburgh Head ...	29.98	35	SE	8	0	29.89	- .21	38	35	0	SSE	7	0	6	38	34	-	
Stornoway ...	29.58	36	SE	6	δ0	29.63	- .35	36	35	- 4	SE	7	0	6	40	31	-	
Thurso ...	29.82	35	SSE	8	0	29.79	- .20	36	34	- 1	S	7	09	4	40	30	-	
Wick ...	29.83	36	S	9	0	29.82	- .19	36	36	- 3	S	8	0	8	39	24	-	
Nairn ...	29.78	32	SW	1	δ	29.75	- .21	35	34	+ 5	SW	1	0	1	35	29	-	
Aberdeen ...	29.93	34	S	8	0	29.87	- .22	37	33	- 1	SSE	8	0	7	39	34	-	
Leith ...	29.88	32	SE	4	0	29.80	- .26	30	30	- 2	SE	2	δ	*	35	29	-	
Shields ...	29.96	33	SSE	7	0	29.83	- .31	36	34	0	SE	7	0	6	37	33	-	
Scarborough ...	30.00	33	SSE	9	0	29.84	- .35	35	33	0	SE	9	0	6	35	32	-	
York ...	29.99	31	S	4	0	29.80	- .36	32	32	- 3	SE	3	0	*	35	28	-	
Nottingham ...	29.95	26	SE	6	0	29.73	- .39	28	27	- 4	ESE	5	0	*	33	26	-	
Ardrossan ...	29.77	33	ESE	6	0	29.75	- .24	32	30	- 2	ESE	3	δ	3	36	30	0.01	
Greencastle ...	29.24	? 35	SSE	5	r	29.60	- .19	34	32	- 4	ESE	4	0	*	39	32	0.11	
Donaghadee ...	29.60	37	SSE	9	r	29.52	- .33	36	34	- 3	SE	6	09	6	39	34	0.79	
Kingstown ...	29.68	34	SE	3	S	29.56	- .36	31	30	- 5	E	5	0	4	37	30	0.23	
Holyhead ...	29.77	30	E	6	0	29.65	- .37	28	26	- 5	E	5	δ0	4	34	27	-	
Liverpool (Hidston) ...	29.47	45	NNN	1	δ	29.25	- .30	44	42	- 6	E	7	09	6	53	39	0.25	
Valencia ...	29.48	45	ESE	4	r	29.31	- .33	40	39	- 5	ESE	8	0	5	47	39	0.43	
Roche's Point ...	29.57	36	SE	9	0	29.38	- .46	32	31	- 6	E	8	0	5	38	31	0.34	
Pembroke ...	29.57	36	SE	9	0	29.38	- .46	32	31	- 6	E	8	0	5	38	31	0.34	
Portishead ...	29.52	50	NNN	6	δ	29.13	- .61	42	41	- 7	ESE	9	0	7	52	42	0.50	
Scilly ...	29.62	39	ESE	8	r	29.31	- .59	36	35	- 2	ESE	8	r	7	39	35	0.19	
Prawle Pt ...	29.75	33	SSE	5	δ	29.46	- .57	35	33	- 1	SE	6	0	6	39	?	0.50	
Hurst Castle ...	29.95	30	SE	5	δ0	29.64	- .50	31	30	- 5	ESE	6	09	5	39	28	-	
Dover ...	29.90	31	SE	5	09	29.61	- .58	29	27	- 3	ESE	6	09	*	34	27	0.01	
London ...	29.87	29	E	3	0	29.60	- .49	28	28	- 5	E	2	0	*	35	27	-	
Oxford ...	29.89	28	E	2	0	29.68	- .46	29	28	- 4	E	2	0	*	34	25	-	
Cambridge ...	30.01	30	ESE	8	0	29.79	- .40	32	30	- 1	ESE	8	0	6	33	29	-	
Yarmouth ...	*	*	*	*	*	29.93	- .31	24	23	- 6	E	2	δ	*	*	*	-	
The Helder ...	29.95	27	E	5	0	29.60	- .64	27	27	- 7	E	5	δ	3	37	25	-	
Cape Gris Nez ...	29.63	37	SE	7	r	29.30	- .66	32	32	- 3	E	6	m	5	37	32	1.02	
Jersey ...	29.57	45	W	3	m	29.17	- .69	46	45	- 4	SE	3	m	4	61	43	0.67	
Brest ...	29.61	50	W	4	r	29.19	- .76	36	36	- 1	ESE	4	r	5	50	34	1.26	
L'Orient ...	29.74	32	W	6	r	29.26	- .75	50	50	+ 9	NNN	4	0	3	59	37	0.79	
Rochefort ...	29.91	55	NNN	4	r	29.36	- .75	34	30	0	SE	3	r	5	59	50	0.24	
Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Corunna ...	*	*	*	*	*	29.70	- .47	26	25	- 2	E	5	δ0	*	36	24	-	
Brussels ...	*	*	*	*	*	29.61	- .47	28	*	- 2	N	6	δ	*	*	*	*	
Charleville ...	29.88	35	N	2	0	29.45	- .70	31	30	- 1	E	1	δ	*	*	*	-	
Paris ...	*	*	*	*	*	29.43	- .71	41	*	0	SE	4	r	*	*	*	*	
Lyons ...	29.89	37	W	1	r	29.64	- .46	34	34	- 7	E	6	r	6	41	34	0.59	
Toulon ...	29.89	37	W	1	r	29.64	- .46	34	34	- 7	E	6	r	6	41	34	0.59	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.31	27	24	SE	6	δ	4	Valencia	29.47	52	51	WSW	4	om	4
Thurso	29.89	36	35	SSE	7	09	4	Scilly	29.55	52	52	W	5	rf	6
Scarborough ...	30.07	33	32	SSE	7	0	5	London	29.98	33	32	ENE	4	0	*
Mullaghmore ...	29.50	38	37	ESE	8	r	4	Rochefort ...	29.24	52	50	WSW	5	r	3
Holyhead	29.75	37	35	SE	3	m	2								

Pressure is still decreasing in all parts of our Islands. Gradients are getting steeper in the E. and SE. wind is rising

Mullaghmore	29.37	37	NE	9	r	29.49	- .21	37	35	- 5	ESE	6	09	5	41	35	0.26
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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.

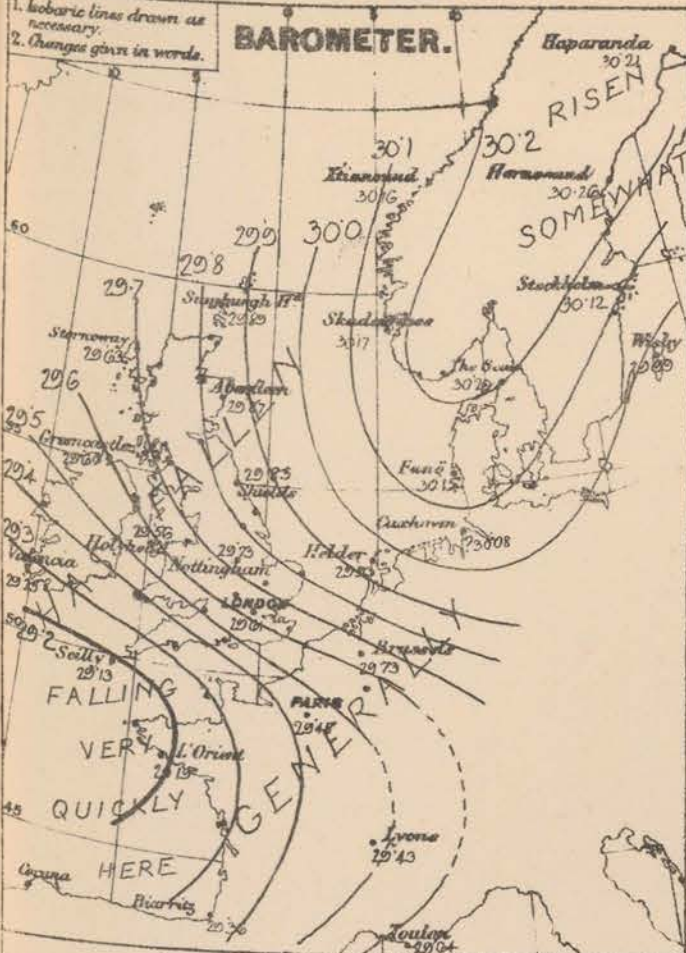
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 8th JAN^y 1879.

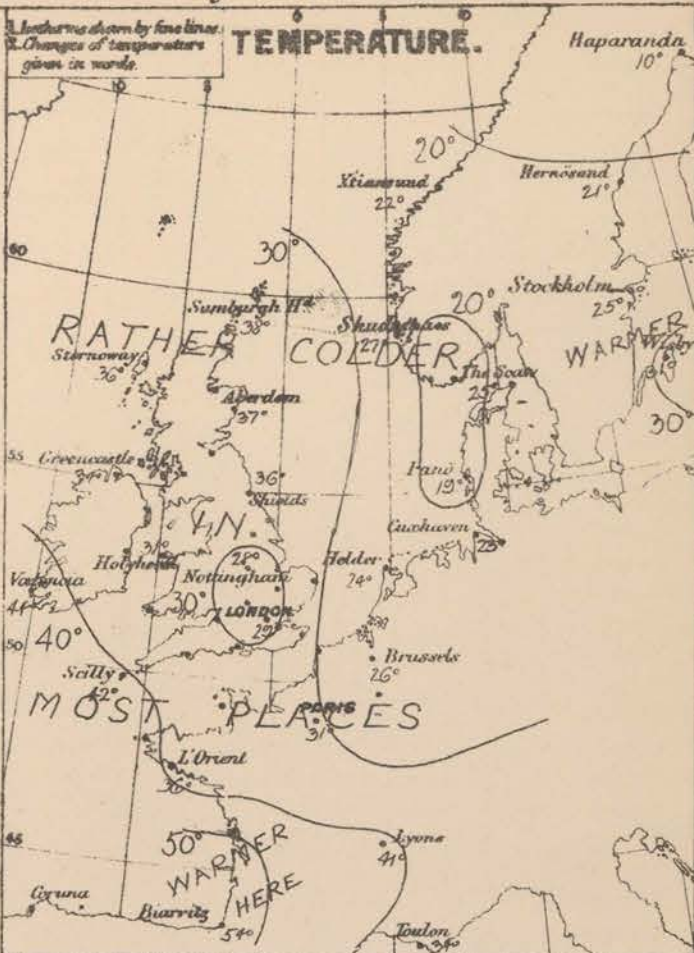
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



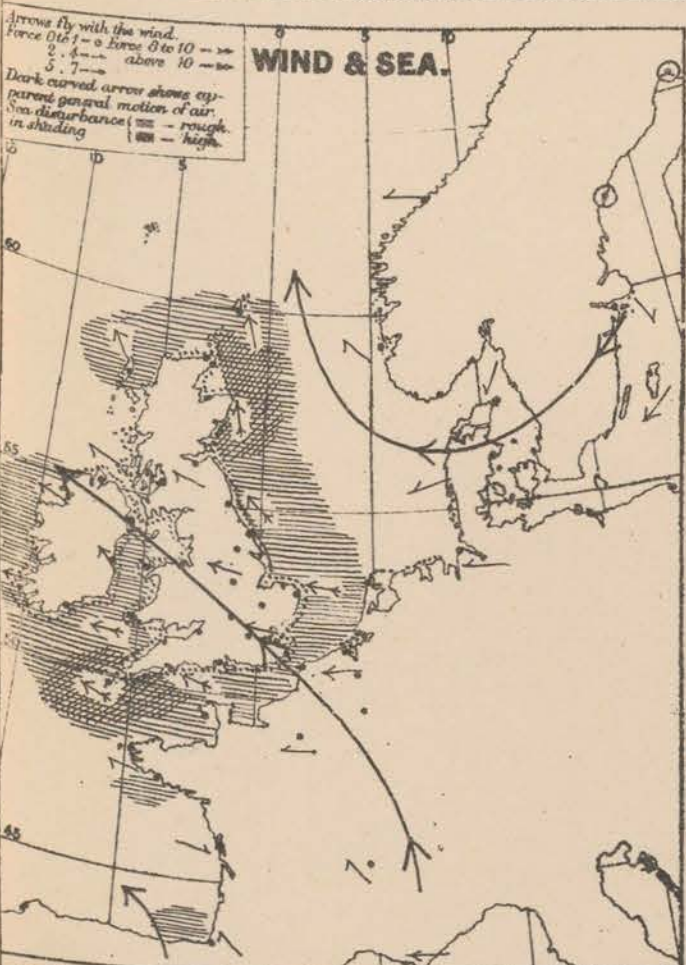
1. Isobaric lines drawn by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



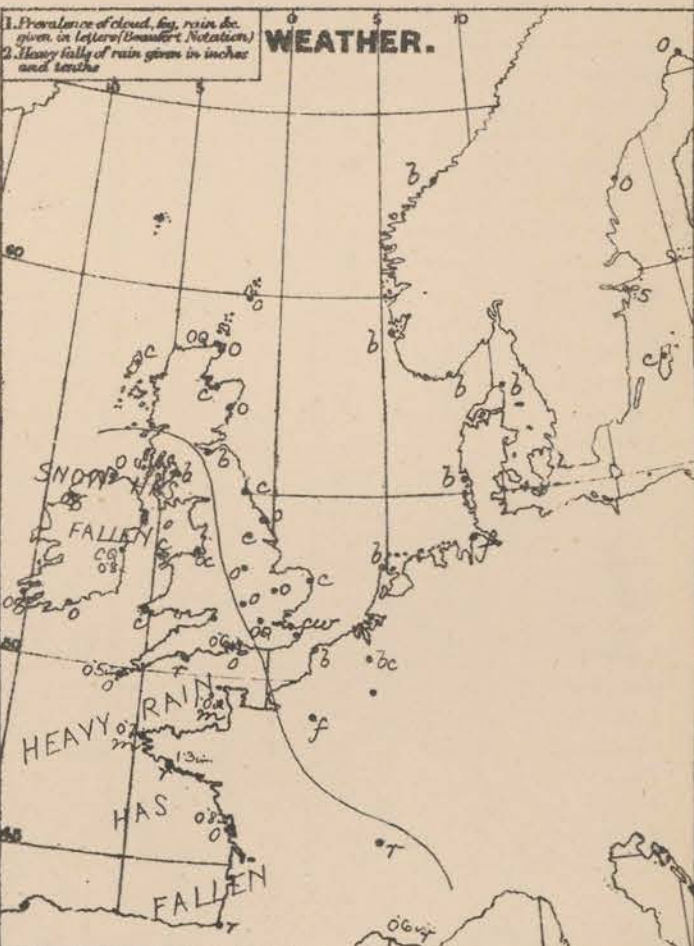
1. Force 0 to 10 —
 2. Force 10 to 20 —
 3. Force 20 to 30 —
 4. Force 30 to 40 —
 5. Force 40 to 50 —
 6. Force 50 to 60 —
 7. Force 60 to 70 —
 8. Force 70 to 80 —
 9. Force 80 to 90 —
 10. Force 90 to 100 —
- Dark curved arrow shows apparent general motion of air. In disturbance (—) — rough in shading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

WIND & SEA.



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

WEATHER.



REMARKS. Weather wet and misty over France and dull over nearly the whole of the United Kingdom, but fine in the south of Scotland and on the eastern shores of the North Sea. Over an inch of rain has fallen over the west and north of France and the Channel Islands during the past twenty-four hours, about half an inch at Harast Castle, Sully and Cork, and three quarters of an inch at Kingston. Temperature has fallen a few degrees generally, and varies from 44° at Valentia to 28° over Central England. The minimum last night was between 25° and 28° at the inland stations. In London the thermometer in the shade did not rise above 34° all day yesterday. Wind is NE^{ly} over the south of Scandinavia and Denmark, but is SE^{ly} to ESE^{ly} in nearly all other places. It is strong in force generally, and blows a fresh to strong gale in the east, north and south west. A heavy S^{ly} gale prevailed on our north east coasts and over the north of Ireland last night. Sea rough on most of our coasts, and high at Aberdeen and Wick.

Barometrical Indications. Pressure is inclined to increase somewhat in the north west but is decreasing in all other places — briskly generally, and rapidly in the south west. A large area of high pressure lies over Norway and Sweden, while a depression of considerable importance is shown off our south west coasts.

Fogging. The South Cone is flying on all our coasts.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

JAN 9th

1879.

STATIONS.	† YESTERDAY EVENING						8 A.M. TO DAY										LAST 24 HOURS		
	Barometer at 550 F. and Sea Level.	Temp. in shade.	Wind.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Altitude of Station.		
			Dir.	Force. (0 to 12).		Reading at 8 A.M. and Sea Level.	Difference from 8 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.19	24	Z	0	bc	30.23	+ .12	7	6	- 3	Z	0	bc	*	25	7	-		
Hernösand	30.36	26	Z	0	o	30.51	+ .25	13	10	- 8	Z	0	bc	*	*	*	-		
Stockholm	30.32	18	ENE	4	c	30.46	+ .34	26	25	+ 1	ENE	4	o	*	*	*	-		
Wisby	30.12	26	E	6	c	30.28	+ .29	26	24	- 5	E	6	o	*	*	*	-		
Christiansund	30.30	21	SSE	1	bc	30.41	+ .25	21	19	- 1	SSE	1	bc	4	?	12	-		
Skudesnaes	30.24	22	Z	0	bc	30.38	+ .17	23	21	- 4	ENE	2	bc	2	27	21	-		
Oxö (Xtiansand)	30.25	26	NNE	6	c	30.41	+ .18	24	23	+ 13	NNE	6	c	3	27	7	-		
Skagen (The Head)	30.26	27	E	6	bc	30.35	+ .15	26	24	+ 1	E	5	bc	4	28	21	-		
Fanö	30.13	28	ENE	4	c	30.21	+ .06	27	26	+ 8	ENE	4	c	*	28	18	-		
Cuxhaven	30.04	28	NE	3	bc	30.10	?	31	30	+ 8	NE	4	c	*	?	23	-		
Sumburgh Head	30.10	38	S	4	c	30.24	+ .35	37	35	- 1	SSE	4	o	4	23	34	-		
Stornoway	29.89	36	SE	6	bc	30.02	+ .39	37	35	+ 1	SSE	6	bc	2	38	33	-		
Thurso	30.06	34	S	4	bc	30.15	+ .36	35	34	- 1	S	5	bc	4	38	31	-		
Wick	30.09	37	SE	6	bc	30.16	+ .34	38	35	+ 2	S	6	c	4	39	35	-		
Nairn	30.05	30	Z	1	bc	30.19	+ .44	30	30	- 5	Z	0	bc	1	35	25	-		
Aberdeen	30.08	26	SSE	6	bc	30.23	+ .36	38	34	+ 1	SSE	5	o	5	38	36	-		
Leith	30.02	32	SE	3	bc	30.15	+ .35	35	33	+ 5	NNE	2	o	*	37	29	-		
Shields	30.03	35	SE	6	bc	30.19	+ .36	37	34	+ 1	E	5	o	5	38	34	-		
Scarborough	30.02	35	ESE	7	bc	30.19	+ .35	36	33	+ 1	E	5	o	5	38	34	-		
York	29.94	32	E	1	bc	30.18	+ .38	34	32	+ 2	NE	2	c	*	36	30	-		
Nottingham	29.89	28	ENE	6	bc	30.13	+ .40	31	30	+ 3	NE	1	o	*	33	25	-		
Ardrossan	29.99	30	ENE	1	bc	30.13	+ .38	31	29	- 1	E	1	c	0	36	27	-		
Greencastle	29.86	35	SE	3	o	30.02	+ .42	34	33	0	SE	5	o	*	35	31	-		
Donaghadee	29.94	36	SE	6	bc	30.10	+ .44	36	33	+ 4	SE	6	bc	5	36	32	-		
Kingstown	29.84	36	E	6	bc	30.04	+ .52	35	32	- 1	SE	6	bc	5	37	33	-		
Holyhead	29.82	32	E	7	bc	30.06	+ .50	31	31	0	SSE	4	bc	3	33	28	-		
Liverpool (Bidston)	29.89	31	ENE	5	bc	30.11	+ .46	31	30	+ 3	E	2	c	2	33	28	-		
Valencia	29.74	36	E	3	c	29.75	+ .50	41	36	- 3	ESE	8	c	7	45	32	-		
Roche's Point	29.74	35	E	5	o	29.89	+ .58	39	36	- 1	SE	8	bc	5	40	35	-		
Pembroke	29.70	33	ENE	6	bc	30.01	+ .63	31	30	- 1	E	6	bc	4	34	27	-		
Portishead																			
Seilly	29.83	39	ENE	9	o	29.90	+ .77	40	36	- 2	E	6	c	6	42	35	-		
Pravle Point	29.84	34	ENE	8	o	29.99	+ .68	32	31	- 4	ENE	6	o	6	37	31	0.02		
Hurst Castle	29.87	34	ENE	7	bc	30.01	+ .55	27	27	- 8	NNE	3	c	3	38	27	-		
Dover	29.66	34	E	8	bc	30.00	+ .39	34	33	+ 3	E	6	bc	5	35	30	-		
London	29.73	33	ENE	6	ag	30.04	+ .43	32	32	+ 3	NNE	3	c	*	34	27	-		
Oxford	29.81	29	E	3	bc	30.08	+ .48	29	28	+ 1	E	3	o	*	32	25	0.02		
Cambridge	29.84	28	E	3	bc	30.12	+ .44	30	30	+ 1	NE	1	o	*	34	21	-		
Yarmouth	29.84	32	ENE	8	bc	30.08	+ .29	34	32	+ 2	ENE	7	c	6	34	30	-		
The Helder	*	*	*	*	*	30.08	+ .15	30	29	+ 6	NNE	4	bc	*	*	*	-		
Cape Gris Nez	29.63	27	E	9	bc	29.97	+ .37	28	28	+ 1	E	7	o	6	32	25	-		
Jersey	29.88	38	E	8	o	29.93	+ .60	33	31	+ 1	ENE	5	bc	5	35	31	-		
Brest	29.35	43	E	5	f	29.92	+ .37	32	30	- 10	E	2	bc	5	46	30	0.79		
L'Orient	29.23	32	ENE	5	5	29.89	+ .70	30	27	- 6	ENE	3	c	5	39	27	0.95		
Roche fort	29.17	48	NH	5	bc	29.76	+ .50	48	27	- 22	NE	6	bc	3	?	?	0.82		
Biarritz	29.22	32	NH	5	f	29.73	+ .37	45	41	- 9	NH	7	o	7	37	26	0.83		
Corunna	*	*	*	*	*														
Brussels	*	*	*	*	*	29.97	+ .24	26	26	0	NE	2	o	*	29	21	-		
Charleville	*	*	*	*	*	29.80	+ .19	25	*	- 9	ENE	6	bc	*	*	*	-		
Paris	29.47	31	E	4	o	29.89	+ .44	23	22	- 8	ENE	3	bc	*	*	*	-		
Lyons	*	*	*	*	*	29.47	+ .04	?	*	?	?	4	5	*	*	*	-		
Toulon	29.30	36	E	9	f	29.31	- .33	37	37	+ 3	NH	0	o	5	39	34	0.63		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.24	23	21	NNE	2	0	2	Valencia	29.56	40	37	ENE	5	omg	5
Thurso	29.94	36	35	S	5	bc	4	Seilly	29.29	42	41	E	9	o	7
Scarborough ...	29.91	35	32	ESE	8	bc	6	London	29.61	34	31	E	7	bcg	#
Mullaghmore ...	29.66	36	33	ESE	6	omg	5	Roche fort ...	29.11	30	48	SW	4	m	3
Holyhead	29.68	31	30	E	7	0	5								

Pressure has been steady in London since the morning, but has risen briskly in all other parts of the country.
The wind is E. on all coasts and blows a stiff gale at Seilly.

Mullaghmore	29.79	36	ESE	7	o	29.98	+ .49	34	33	- 3	SE	6	bc	4	37	33	-
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EXPLANATION OF COLUMNS.

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

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

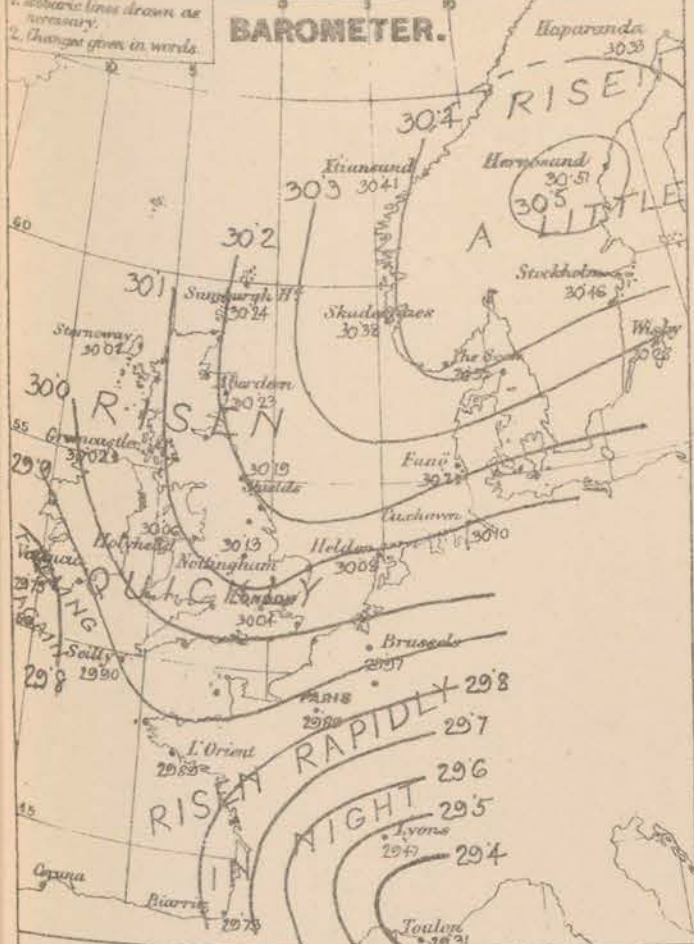
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Thursday 9th JAN 1879.

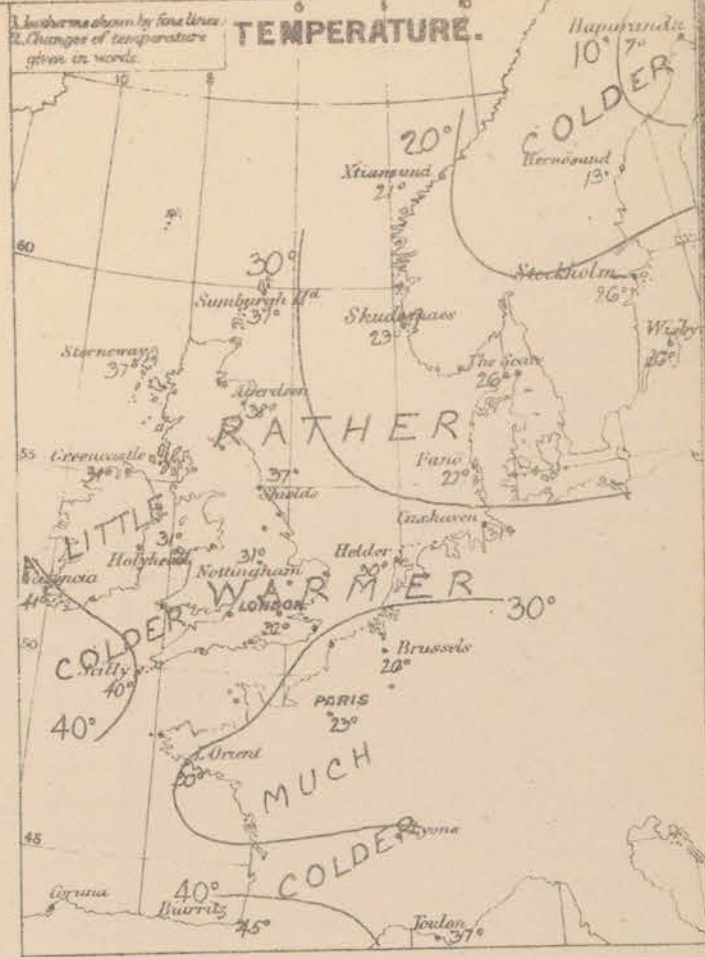
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



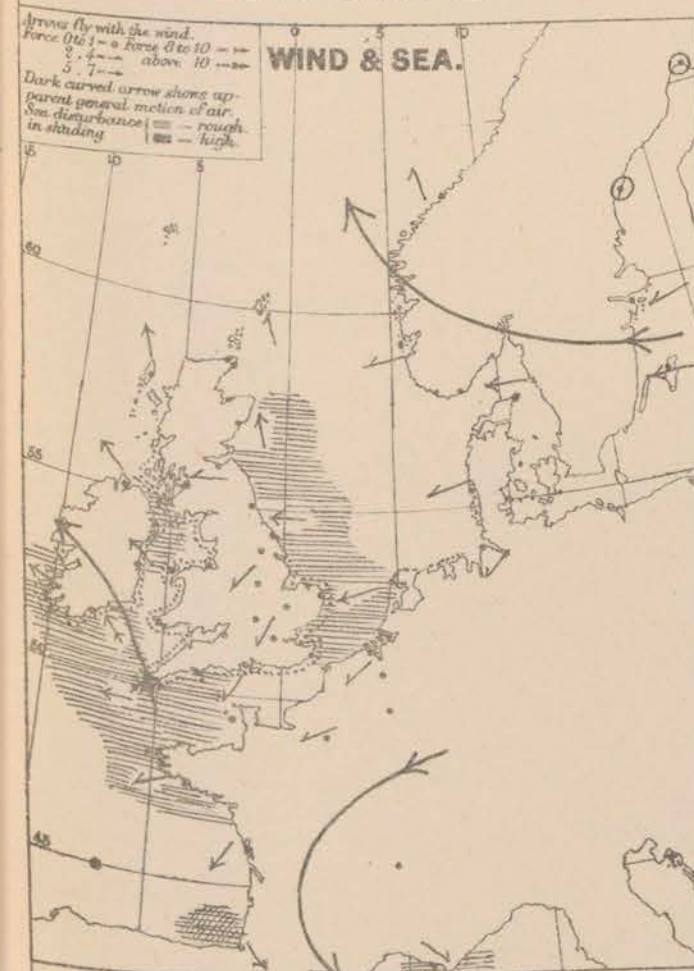
1. Isotherms drawn by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



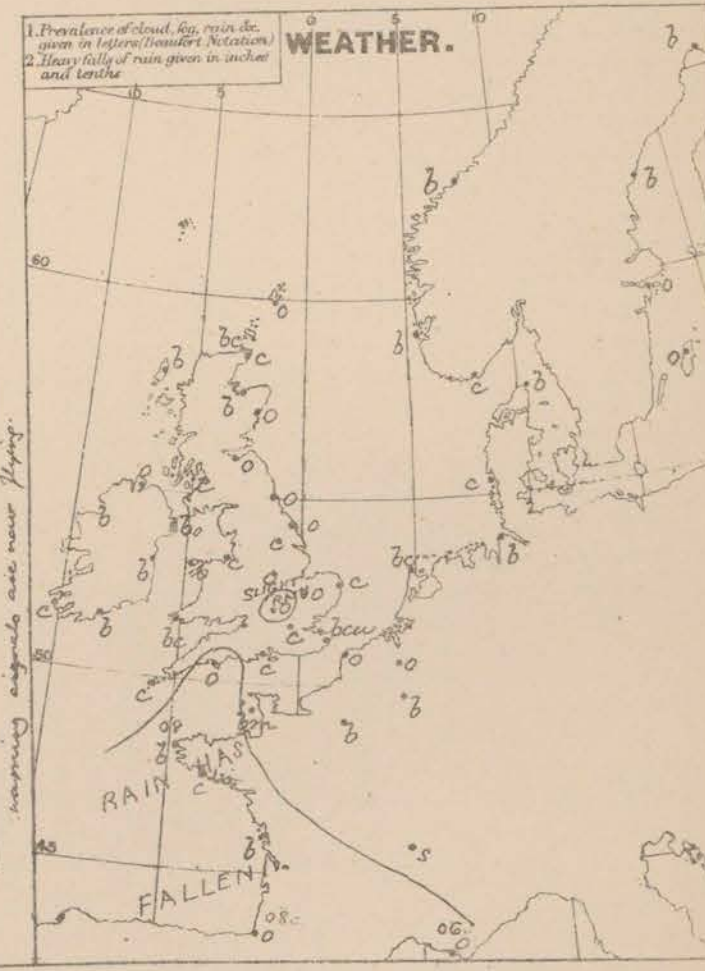
1. Force of wind.
2. Force of sea.
3. Force of rain.
4. Force of snow.
5. Force of hail.
6. Force of fog.
7. Force of ice.
8. Force of clouds.
9. Force of rain.
10. Force of snow.
11. Force of hail.
12. Force of fog.
13. Force of ice.
14. Force of clouds.
15. Force of rain.
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143. Force of hail.
144. Force of fog.
145. Force of ice.
146. Force of clouds.
147. Force of rain.
148. Force of snow.
149. Force of hail.
150. Force of fog.
151. Force of ice.
152. Force of clouds.
153. Force of rain.
154. Force of snow.
155. Force of hail.
156. Force of fog.
157. Force of ice.
158. Force of clouds.
159. Force of rain.
160. Force of snow.
161. Force of hail.
162. Force of fog.
163. Force of ice.
164. Force of clouds.
165. Force of rain.
166. Force of snow.
167. Force of hail.
168. Force of fog.
169. Force of ice.
170. Force of clouds.
171. Force of rain.
172. Force of snow.
173. Force of hail.
174. Force of fog.
175. Force of ice.
176. Force of clouds.
177. Force of rain.
178. Force of snow.
179. Force of hail.
180. Force of fog.
181. Force of ice.
182. Force of clouds.
183. Force of rain.
184. Force of snow.
185. Force of hail.
186. Force of fog.
187. Force of ice.
188. Force of clouds.
189. Force of rain.
190. Force of snow.
191. Force of hail.
192. Force of fog.
193. Force of ice.
194. Force of clouds.
195. Force of rain.
196. Force of snow.
197. Force of hail.
198. Force of fog.
199. Force of ice.
200. Force of clouds.

WIND & SEA.



1. Prevalence of cloud, fog, rain, etc. given in letters (fourfold 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 now flying.

REMARKS. Weather is very fine at many of our western and north western stations as well as in some parts of France and Norway but is dull or very cloudy elsewhere, and snow is threatening on the east coast. Heavy rain has fallen at the western and southern French stations, but the only amounts measured over our Islands are a few hundredths at Oxford and Bristol Point. Temperature has fallen a few degrees on our south west coasts and rapidly over the west of France, but has changed irregularly in most other districts; readings vary from 41° at Valentia and 38° at Wick to 27° at Harlow Collier and to 28° at Rosbeek. During yesterday the thermometers in the shade only rose to 34° in London and fell to 27° last night. Wind is E to NE on our east and south coasts and is SE to E in the west and north. It is fresh to strong in force generally, and blows a fresh gale in the south of Ireland. The general SE gales which prevailed yesterday died down during the evening. Sea is high off Valentia, rough on most coasts.

Barometrical Indications. Pressure has increased since yesterday morning in all parts of Western Europe - the rise during the past night being especially rapid in the west of France and south west of England. A fresh fall has, however, now set in in the south of Ireland a new disturbance being shown near Valentia. The anticyclone still lies over Scandinavia.

Fog. The fog is still flying in the south and south east, and has been reported in the west and south west this morning.

DAILY WEATHER REPORT

JAN 10th

1879.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.				WIND.		Weather.	Sea (0 to 9.)	SHADE TEMP.					
			Direc.	Force (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force (0 to 12).	Max.			Min.	Amount of Rainfall.				
Haparanda	30.43	-4	Z	0	6	30.46	+13	-7	-7	-14	Z	0	6	*	7	-8	-			
Harnosand	30.62	-1	Z	0	6	30.61	+10	-7	-7	-20	Z	0	6	*	*	*	-			
Stockholm	30.53	26	ENE	6	0	30.47	+01	22	21	-4	E	4	6	*	*	*	-			
Wisby	30.36	28	E	6	0	30.21	-07	28	25	+2	ESE	8	6	*	*	*	-			
Christiansund	30.38	19	Z	0	6	30.32	-09	24	25	+3	SE	1	6	4	25	?	-			
Skudesnaes	30.43	28	ESF	8	0	30.22	-16	25	22	+2	E	6	6c	3	33	25	-			
Oxö (Xiansund)	30.41	26	NNE	8	0	30.18	-20	24	23	0	NNE	8	5	5	27	21	-			
Skagen (The Sea)						2														
Fanö	30.15	29	ENE	6	0	29.90	-21	26	26	-1	ENE	6	5	*	28	23	0.04			
Cuxhaven	30.19	27	E	4	0	29.85	-25	23	22	-8	ESE	4	5	*	?	21	-			
Sumburgh Head	30.22	26	SE	6	0	30.06	-18	35	34	-2	SE	7	5	6	38	33	0.01			
Stornoway	29.99	37	SE	8	6	29.78	-21	35	30	-2	ESE	7	5	7	38	30	-			
Thurso	30.07	26	SSE	5	0	29.94	-13	33	32	-2	SE	3	0	4	39	30	0.04			
Wick	30.10	37	S	6	0	29.93	-13	35	31	-3	S	5	05	5	40	31	0.04			
Nairn	30.07	34	SSE	1	6c	29.89	-10	30	29	0	SSE	2	6c	1	36	29	0.01			
Aberdeen	30.13	36	SSE	5	0	29.92	-11	36	33	-2	SSE	7	6c	7	38	31	0.02			
Leith	30.05	34	SE	4	0	29.83	-12	31	31	-4	SE	3	6c	*	38	27	-			
Shields	30.09	36	SE	6	0	29.83	-16	34	33	-3	SE	6	0	5	37	30	0.08			
Scarborough	30.08	34	E	5	0	29.84	-15	32	?	-4	SE	5	0	5	36	27	0.05			
York	30.08	33	SE	2	0	29.81	-17	30	30	-4	E	1	6	*	36	26	0.01			
Nottingham	30.03	29	ENE	1	0	29.77	-16	27	26	-4	ESE	3	5	*	35	21	-			
Ardrossan	30.00	32	E	3	6	29.80	-13	28	27	-3	E	2	6	1	38	27	-			
Greencastle	29.84	35	SE	4	0	29.64	-18	31	31	-3	E	5	0	*	37	30	-			
Donaghadee	29.91	36	SSE	7	6c	29.75	-16	32	32	-4	SE	7	6c	5	37	32	-			
Kingstown	29.79	36	SE	9	0	29.59	-19	32	30	-3	SE	9	0	7	37	31	-			
Holyhead	29.90	30	SE	2	0	29.68	-18	27	26	-4	E	5	6	3	34	25	-			
Liverpool (Bidston)	29.97	30	E	3	6	29.74	-17	27	26	-4	E	4	0	3	38	25	-			
Valencia	29.39	43	SE	10	0	29.22	-17	38	37	-3	SE	7	thg	6	44	35	0.39			
Roche's Point	29.62	41	SE	9	0	29.39	-13	37	37	-2	SE	9	thg	6	42	38	0.34			
Pembroke	29.80	35	SSE	8	0	29.49	-12	30	29	-1	E	8	0	5	35	29	-			
Portishead																				
Scilly	29.70	40	ESE	9	0	29.33	-17	33	33	-7	ESE	10	5	8	42	32	0.04			
Praeger Point	29.84	37	ESE	6	0	29.41	-14	31	30	-1	E	7	0	6	37	29	-			
Hurst Castle	29.93	33	E	4	6	29.60	-13	29	29	+2	ESE	5	0	5	38	29	-			
Dover	29.98	32	E	5	6	29.73	-10	25	24	-9	SE	4	6	4	35	24	-			
London	29.99	32	E	4	6	29.72	-12	25	?	-7	E	2	6ps	*	35	24	-			
Oxford	29.98	27	E	1	6	29.74	-14	25	25	-4	E	1	0	*	34	20	-			
Cambridge	30.03	27	ENE	1	6	29.75	-17	26	26	-4	ENE	1	th	*	36	19	-			
Yarmouth	30.05	30	ENE	6	5	29.76	-12	29	28	-5	E	6	og	6	35	28	0.01			
The Helder	*	*	*	*	*	29.80	-18	23	22	-7	E	1	0	*	*	*	-			
Cape Gris Nez	29.94	27	ENE	5	6	29.73	-14	18	18	-10	E	3	6	2	34	18	-			
Jersey	29.90	30	E	4	6c	29.57	-16	27	27	-6	ESE	5	0	5	34	27	-			
Brest	29.78	39	SE	4	0	29.38	-19	28	27	-4	SE	6	5	6	36	27	-			
L'Orient	29.86	30	ENE	4	0	29.47	-12	25	23	-5	ENE	6	5	5	30	21	-			
Roche fort	29.88	44	ENE	3	0	29.52	-14	25	25	-3	SE	6	5	3	34	25	-			
Biarritz																				
Corunna	*	*	*	*	*				*						*	*	*			
Brussels	*	*	*	*	*	29.73	-14	20	20	-6	ENE	2	0	*	30	19	-			
Charleville	*	*	*	*	*	29.62	-18	20	*	-1	ENE	3	0	*	*	*	*			
Paris	29.94	30	NE	3	0	29.67	-12	22	21	-1	ENE	2	6c	*	*	*	-			
Lyons	*	*	*	*	*	29.78	+31	37	*	?	N	2	0	*	*	*	*			
Toulon	29.49	27	NW	5	6c	29.60	+20	32	32	-5	SW	6	6c	3	40	2	-			

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	30.29	03	25	ESE	4	6	Valencia	29.32	44	40	SE	10	mg	8
Thurso	30.16	37	35	SSE	5	0	Scilly	29.81	41	37	ESE	8	ow	7
Scarborough ...	30.13	36	32	E	4	0	London	30.06	35	31	E	3	cps.	*
Mullaghmore ...	29.82	35	35	SE	8	ow	Roche fort ...	29.88	42	30	NE	4	bc	3
Holyhead	30.01	32	32	SE	3	6								

The barometer is now falling rapidly in the SW. and the change is extending to our other stations. The wind has risen to heavy gale from SE. at Valencia and fresh gale are reported from Mullaghmore and Scilly.

Mullaghmore	29.70	35	SE	9	0	29.52	-16	37	32	+3	SE	7	0	5	37	32	-
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EXPLANATION OF COLUMNS.

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

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

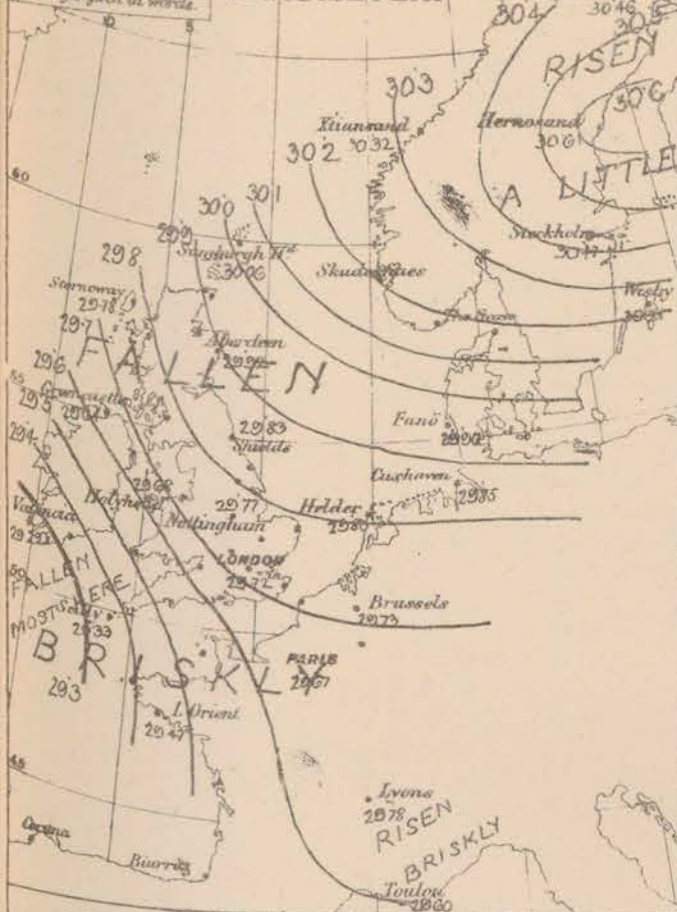
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Friday 10th JANY 1879.

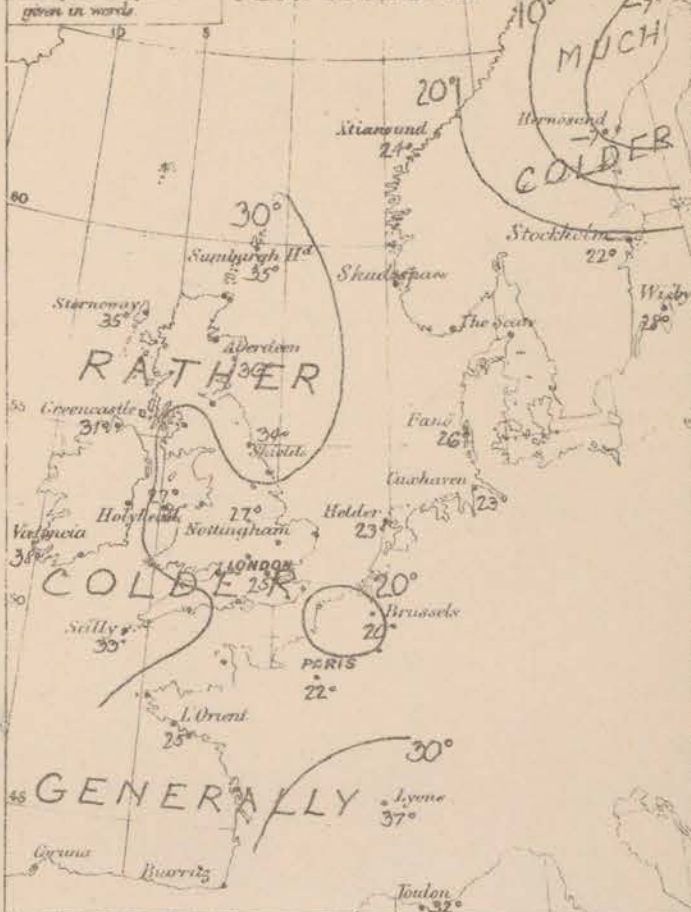
1. Isobaric lines drawn as necessary.
2. Changes given in words.

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. Disturbance in shading — rough — high.

WIND & SEA.



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

WEATHER.



REMARKS. Weather is very fine over the greater part of Scandinavia and at a few of our stations, but the sky is generally cloudy or overcast, with rain, hail and gloom in the south west, very slight snow showers in the south east, and a snow storm in the extreme north east of Scotland. Slight showers of snow have fallen in the north and east, and rather heavy rain in the south of Ireland. Temperature has decreased everywhere and is 9° below zero over Lapland; over Western Europe it ranges from 38° at Valentia to 25° in the south east of England, to 22° at Paris and 32° at Toulon. The maximum in London yesterday was 35° and the minimum 24°. Wind is E to SE, nearly all coasts, it is rather strong in force generally, and blows a fresh to land gale in the west and south west. A very severe gale was felt over Ireland and the Irish Sea yesterday, and a moderate gale prevailed at Yarmouth all night. Sea is very high at Sully, high at several of our northern and western stations, and rough generally elsewhere.

Barometrical Indications. Pressure is increasing in the south east of France, decreasing in all other places. The anticyclone noticed yesterday is still down over the Baltic (Hernö and 30.61 in.), while an important depression lies off our south west coasts.

Fog. Our west, and south west coasts were veiled yesterday morning, the north, north and north east in the afternoon and the south east coasts in the evening (all South Cove).

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

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

DAILY WEATHER REPORT

JAN 11th

1879

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS		
	Barometer at 320 F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 320 F. and Sea Level.	Difference from 8 a.m. yesterday.		SHADE TEMP.		Difference from 8 a.m. yesterday.		WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rain.
			Dir.	Force. (0 to 12).			Dry.	Wet.	Direc.	Force. (0 to 12).	Max.	Min.							
Haparanda ...	30.49	-5	Z	0	δ	30.49	+0.3	1	1	+8	Z	0	δ	*	1	-8	-		
Hernösand ...	30.34	-9	Z	0	δ	30.45	-1.4	5	4	+12	NE	2	0	*	*	*	-		
Stockholm ...	30.32	24	E	6	δ	30.08	-3.9	25	22	+3	NE	8	δ	*	*	*	-		
Wisby ...														*	*	*	-		
Christiansund ...	30.21	29	SE	4	δ	30.09	-1.2	26	22	+2	E	5	δ	1	?	15	-		
Skudesnaes ...	30.02	30	E	4	0	29.89	-1.3	29	24	+4	ENE	6	0	3	30	25	-		
Oxö (Xtiansand) ...	30.00	25	NNE	8	5	29.86	-3.2	21	20	-3	NNE	8	8	6	25	19	0.32		
Skagen (The Seaw) ...	29.98	28	E	7	5	29.81	-3.8	26	25	-1	E	8	5	9	30	21	0.04		
Fanö ...														*	*	*	-		
Cuxhaven ...	29.50	21	SE	3	5	29.62	-1.2	16	15	-7	SSH	1	0	*	?	16	-		
Sumburgh Head ...	29.98	31	E	6	0	29.88	-1.8	34	32	-1	ENE	4	0	5	35	?	0.01		
Stornoway ...	29.74	35	ESE	7	δ	29.71	-0.7	34	32	-1	ESE	5	δ	6	36	32	-		
Thurso ...	29.88	34	ESE	4	0	29.79	-1.5	32	31	-1	SE	2	0	2	36	30	0.12		
Wick ...	29.85	36	ESE	8	0	29.77	-1.6	36	34	+1	SE	6	0	6	37	32	0.04		
Nairn ...	29.79	29	SSE	2	δ	29.77	-1.2	25	25	-5	ESE	2	δ	2	34	25	-		
Aberdeen ...	29.77	34	SE	6	0	29.74	-1.8	33	32	-3	ESE	5	sph	7	36	31	0.16		
Leith ...	29.70	32	E	4	5	29.67	-1.6	29	29	-2	ESE	1	5	*	35	24	0.08		
Shields ...	29.67	34	E	4	5	29.68	-1.5	28	28	-6	NY	2	0	4	37	27	0.13		
Scarborough ...	29.64	30	SSE	2	5	29.64	-1.2	31	?	-1	ESE	3	0	4	33	27	0.14		
York ...	29.65	35	N	1	δ	29.63	-1.8	25	25	-5	N	1	0	*	31	23	-		
Nottingham ...	29.63	22	E	1	δ	29.64	-1.8	21	21	-6	Z	0	5	*	32	17	-		
Ardrossan ...	29.69	28	ENE	2	δ	29.67	-1.3	27	?	-1	ENE	1	0	0	34	26	-		
Greencastle ...	29.64	31	SE	3	0	29.63	-1.01	29	29	-2	NE	1	0	*	34	25	-		
Donaghadee ...	29.66	32	SSE	5	0	29.65	-1.10	29	29	-3	SSH	2	0	2	33	29	0.05		
Kingstown ...	29.57	32	SE	5	0	29.61	+0.2	32	31	0	E	4	δ	5	33	31	-		
Holyhead ...	29.63	27	E	4	δ	29.62	-0.6	26	25	-1	E	2	0	1	30	24	-		
Liverpool (Hidston) ...	29.62	27	E	1	δ	29.65	-1.09	20	19	-7	ESE	1	0	1	29	12	-		
Valencia ...	29.40	38	ESE	5	0	29.55	+1.33	36	34	-2	ESE	3	0	3	40	35	0.01		
Roche's Point... ..	29.40	35	ESE	8	5	29.57	+1.8	33	32	-4	E	3	0	4	37	31	0.28		
Pembroke ...	29.47	29	E	8	δ	29.48	-0.01	22	21	-8	NE	3	δ	4	30	22	-		
Portishead ...																	-		
Scilly ...	29.28	37	ESE	10	5	29.48	+1.5	36	34	+3	ENE	6	0	7	37	33	0.22		
Pravle Point ...	29.45	30	ESE	6	5	29.50	-1.01	28	28	-3	NE	5	0	6	32	28	0.08		
Hurst Castle ...	29.53	28	E	5	0	29.52	-1.11	27	27	-2	NE	4	0	4	32	27	-		
Dover ...	29.59	27	SE	4	0	29.55	-1.8	27	26	+2	E	4	δ	3	28	24	-		
London ...	29.60	26	E	3	δ	29.58	-1.4	25	24	0	ENE	1	0	0	29	23	-		
Oxford ...	29.60	24	E	1	0	29.60	-1.4	23	23	-2	NE	1	0	*	27	21	-		
Cambridge ...	29.62	21	ENE	1	5	29.61	-1.4	23	23	-3	NE	1	0	*	34	20	?		
Yarmouth ...	29.64	26	SE	3	5	29.61	-1.5	27	27	-2	E	2	0	4	30	25	0.05		
The Helder ...	*	*	*	*	*	29.62	-1.8	18	17	-5	S	1	δ	*	*	*	-		
Cape Gris Nez ...	29.62	19	E	2	δ	29.57	-1.6	23	23	+5	E	2	0	1	?	18	-		
Jersey ...	29.49	27	ESE	5	0	29.31	-1.26	29	28	+2	ENE	4	0	4	29	25	0.11		
Brest ...	29.37	41	NY	5	δ	29.41	+0.3	29	27	+11	NE	2	0	5	?	27	0.32		
L'Orient ...	29.45	30	E	3	5	29.45	-0.2	41	39	+16	NY	2	+	5	45	20	0.16		
Rocheport ...	29.52	46	NY	6	0	29.60	+0.8	48	46	+23	SSH	4	+	3	?	21	0.59		
Biarritz ...	29.73	50	NYW	7	+	29.65	+0.9	46	44	-4	SSE	3	0	5	55	41	0.12		
Corunna ...	*	*	*	*	*									*	*	*	-		
Brussels ...	*	*	*	*	*	29.60	-1.3	17	17	-3	ENE	1	0	*	24	16	-		
Charleville ...	*	*	*	*	*	29.53	-1.2	19	19	-1	NY	3	0	*	*	*	-		
Paris ...	29.59	25	NE	3	0	29.51	-1.6	24	23	+2	ENE	1	0	*	2	*	0.08		
Lyons ...	*	*	*	*	*	29.78	1.00	39	*	+2	SSH	?	0	*	*	*	-		
Toulon ...														*	*	*	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry	Wet.	Wind.	Wes.	Sea.		
Skudenesaes ...	30.06	29	26	E	6	0	3	Valencia	29.33	38	36	E	5	img	5
Thurso	29.89	35	34	ESE	3	Sp	3	Scilly	29.33	35	35	ESE	10	5	8
Scarborough ...	29.69	31	?	SSE	2	bc	4	London	29.61	27	?	E	3	0	8
Mullaghmore ...	29.54	33	30	SE	8	og	6	Rocheport ...	29.42	34	32	SE	5	+	3
Holyhead	29.62	30	27	E	4	δ	3								

The barometer has risen a tenth of an inch at Valencia since 8 a.m., and the wind there is backing E.W. and falling with rain. Snow is falling at Scilly.

Mullaghmore	29.57	32	ESE	7	δ	29.62	+1.0	31	?	6	ESE	5	0	3	33	29	-
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EXPLANATION OF COLUMNS.

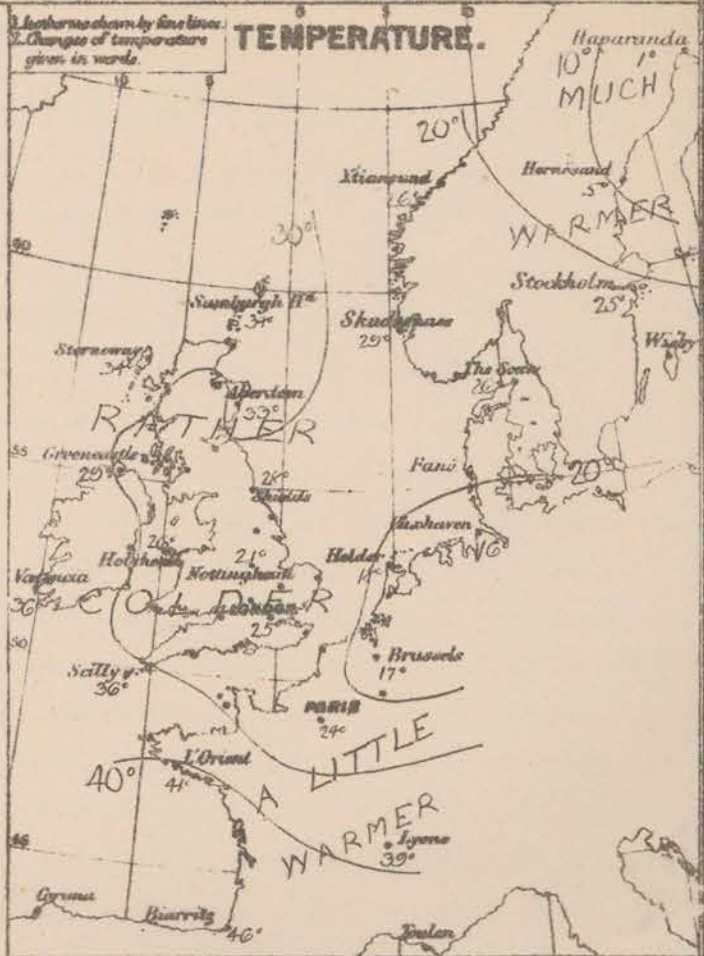
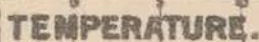
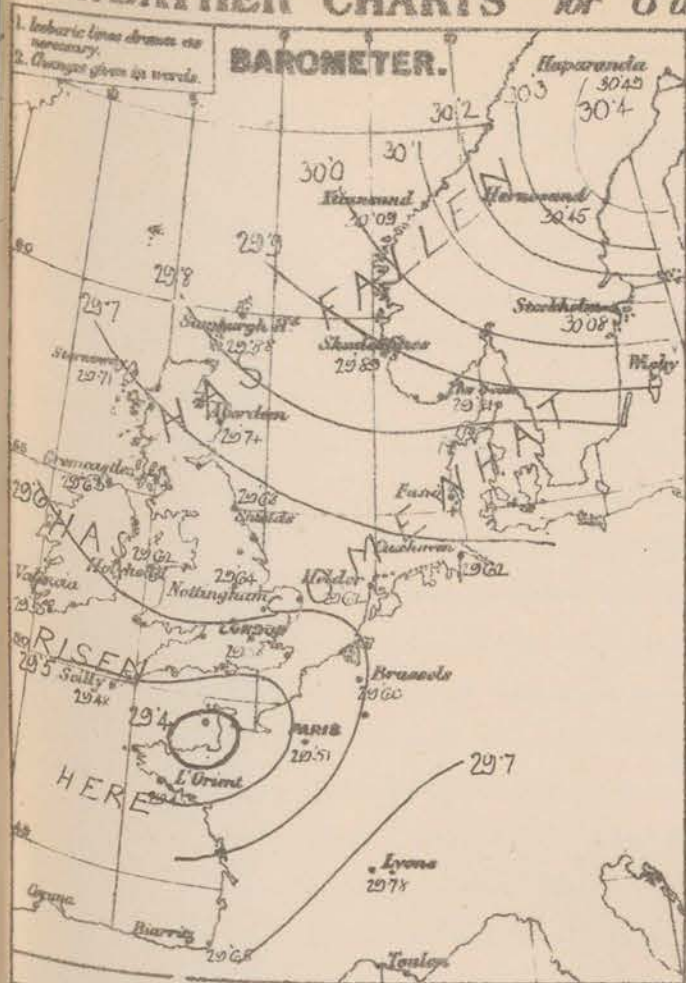
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; i. lightning m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

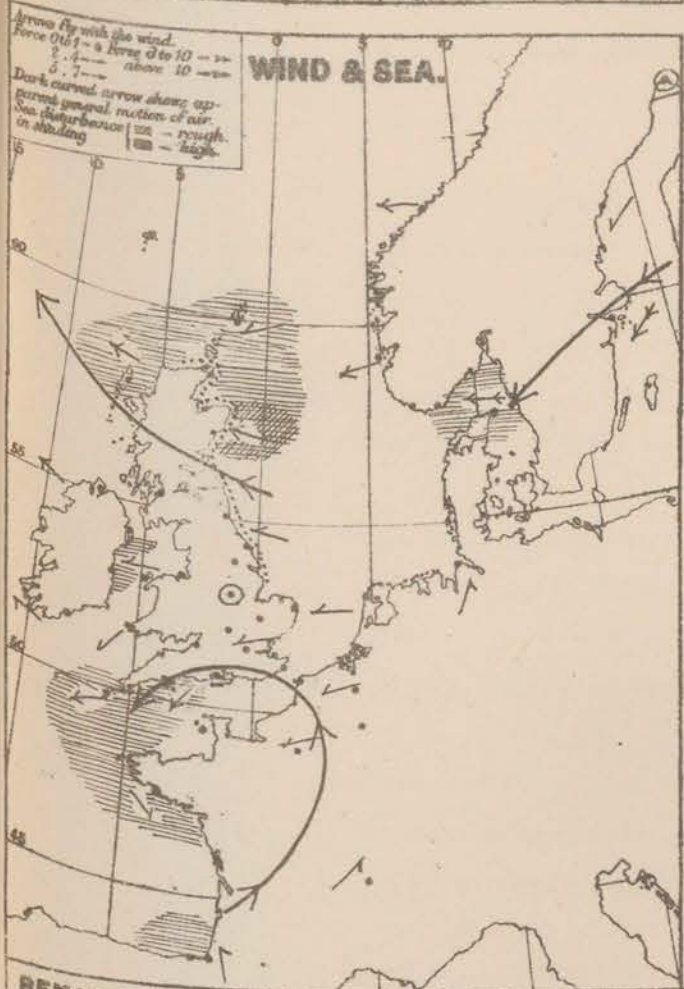
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

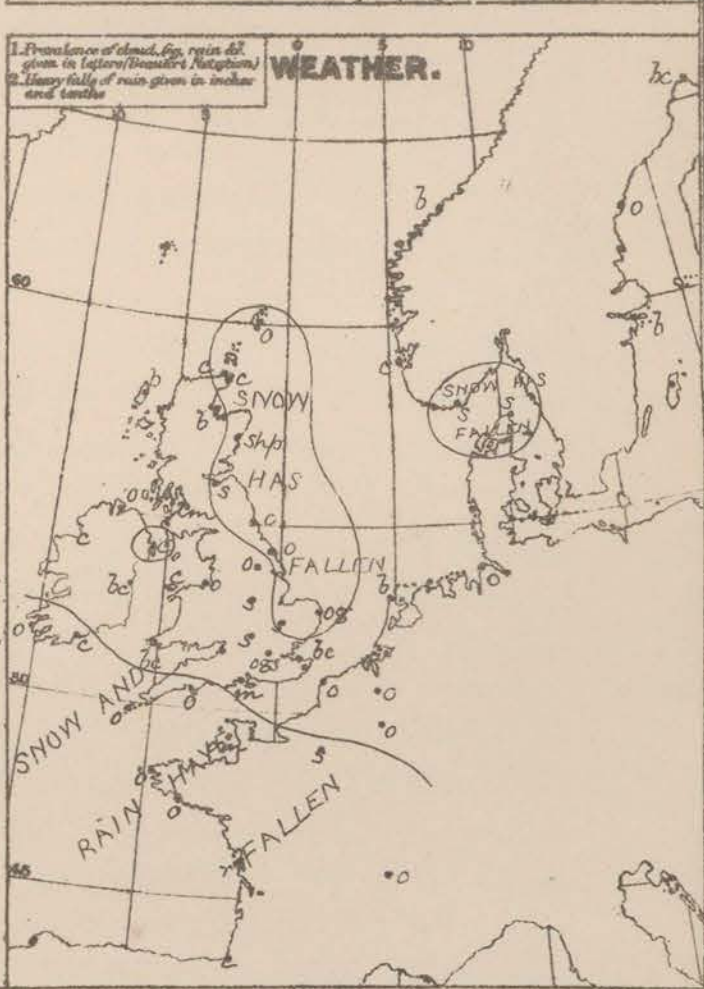
WEATHER CHARTS for 8 a.m. on Saturday 11th JANY 1879.



WIND & SEA.



WEATHER.



Note A dotted line is drawn round these crabs on which the warning signals remain flying.

REMARKS. Weather dull or cloudy generally, with snow on the north-east coast and over central and on the eastern England. Light rain or snow has fallen during the past 24 hours at our eastern and north-western stations. Temperature rises over Scandinavia, fallen in nearly all other places; it is now low over the whole country, varying from 36° at Valentia and Wick to 20° at Liverpool. During yesterday the thermometer did not rise above 40° at any of our stations, while in the south-east it did not reach 30° ; the minima are 12° at Liverpool, 17° at Nottingham and 23° in London. Wind is E^{ly} or ESE^{ly} in most of our coasts, but is inclined to blow into NE at the mouth of the Channel. At Lorient NW^{ly} and at Lyons SW^{ly} breezes are reported. The wind is still fresh in the north as well as at Scilly, but is moderate or light elsewhere, the gales reported yesterday having subsided. Sea is high off Aberdeen and Scilly, rough in the north, the Irish Sea and the Channel, moderate in most other coasts.

Barometrical Indications. Pressure has risen during the past night at our south western stations and in the west of France, fallen elsewhere. The depression recently noticed now lies apparently in the neighbourhood of the Channel Islands, while the anticyclone is still shown over Scandinavia.

Warnings. The warning signals are now lowered on all but our north and north east coasts.

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

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

R. H. SCOTT.
Secretary.

SUMMARY OF WEATHER IN WESTERN EUROPE

from JAN 5th to JAN 11th 1879.

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

Very unsettled conditions have prevailed during the present week, and the barometer has shown comparatively important oscillations. At first readings were highest over France, whence an arm of high pressure extended NW^{ly} over England to our NW coast, comparatively low readings being shown to the SW^{ly} of Ireland and over the Baltic. S^{ly} breezes and warm weather consequently prevailed in the W., and NW^{ly} breezes and low temperatures in the E. During Monday pressure increased briskly over Scandinavia, while a fall of the barometer commenced on our NW coast, and extended E^{ly}. These changes continuing the Chart of Tuesday showed a large anticyclone on the E^{ly} shores of the North Sea, and a deep depression off our W. coast, carrying fresh to very severe SE^{ly} or S^{ly} gales at nearly all stations. On Wednesday the lowest pressures were shown near the mouth of the Channel, whence they subsequently travelled very quickly to the SE^{ly} across France, the wind at the same time backed to E^{ly} and still blowing a gale. In the following night a very rapid recovery occurred in the barometer at our SW stations, but early on Thursday morning a fresh fall appeared at Valentia, and a new and serious disturbance passed, like the former, in a SE^{ly} direction, from our SW coast to France. Severe SE^{ly} to E^{ly} gales were experienced in the W. and SW., through Thursday and Friday. As the disturbance passed SE^{ly} it filled up. Temperatures have been low all the week, and sharp frosts have prevailed over England, many of the maxima, (especially those in the E.) - having been below 30° on Friday, and very slightly above 32° on several occasions. The sea has been rough on most coasts, and at some stations it was occasionally very high. Snow has fallen frequently, but not very heavily, for good deal of rain in the SW.

SUNDAY JAN 5th

Weather, - fine over the greater part of Western Europe, but rain falling at Thurso, Scilly and Brest, snow or sleet at Aberdeen and Oslo. Heavy rain subsequently falling in NW France, but very little on our coasts.

Temperatures fallen generally - varying from 44° at Scilly and 40° at Thurso to 23° at Nottingham. Minima in following night below 20° over inland England.

Winds NW^{ly} at our E^m and N^{ly} stations and the North Sea, S^{ly} over the W. of France, and SE^{ly} in the SW of England and over Ireland, E^{ly} at Mullaghmore; moderate or light in force except at Scilly, SE^{ly} winds freshening at night.

Sea "rough" in SW.

Barometer beginning to fall in extreme SW, rising briskly elsewhere. Readings highest over Spain, comparatively low off our SW coasts and over Baltic. Fall continuing in SW during day.

MONDAY JAN 6th

Weather wet and gloomy on our SW coasts, and dull in the W. of France, but fair elsewhere. Becoming generally dull and foggy later in the day, with heavy rain in the W. and SW.

Temperatures several degrees lower over Great Britain and France than on 5th, but higher in W. Readings varying from 44° at Scilly to 15° at Nottingham. Thurso now as low as 28°. Thermometer rising irregularly during day following night.

Winds fresh to a gale from the SE^{ly} on our W coast, and moderate from E. over the Bay of Biscay; light and variable in the E. Wind subsequently veering more towards S. in the W., and rising to a gale at Scilly.

Sea "rough" in the SW.

Barometer rising over all the more E^m parts of our area, but falling in the extreme W as well as in the SW of France. Pressure still decreasing in the W at night.

TUESDAY JAN 7th

Weather very fine on the eastern shores of the North Sea, dull or cloudy elsewhere, mist reported in the W. of France, rain at our SW stations. Heavy rain subsequently falling in SW, and snow in NW.

Temperatures fallen several degrees over the S. of Norway, Denmark and N. Germany, risen elsewhere - rapidly in Central England. Minima in following night between 25° and 30° at Central and SE^m stations.

Winds E^{ly} to SE^{ly} over England and Ireland, and S^{ly} in Scotland, blowing a gale in the SW, W. and N., fresh to strong SE^{ly} gales generally during day or following night.

Sea "rough" or rather so on all but our SE coasts.

Barometer rising over Scandinavia, Denmark and North Germany, fallen over the whole of these Islands and N. of France.

Anticyclone over S. Norway, and rather deep depression off our N. coast. Disturbance afterwards moving slowly N.W.

WEDNESDAY JAN^y 8th.

Weather still fine on E. shores of the North Sea, and become so in Scotland, dull elsewhere, rain, fog and mist over France.

No rain over these Islands during day, and sky clear in evening.

Temperatures fallen except over the Baltic and S.W. of France; varying from 48° at Valentia to 25° over Central England.

Maximas only slightly exceeding 32° at our Central stations and sharp frost at night.

Wind E. in the S., SE. to S. in the N. and N.; gales or very strong winds continuing on all coasts. Gale subsiding in N., but still holding in S. at 6 P.M.

Sea very high at Wick, "high" in the NE. and SW., "rough" generally.

Barometer rising over the Gulf of Bothnia, falling in all other places - rapidly at our SW. and the French stations. Depression off the S. of Ireland, moving SE. towards Brittany, and reaching Rochefort by 6 P.M.

THURSDAY JAN^y 9th.

Weather fine in the N. and N. of these Islands, as well as at most of the French and Norwegian stations, but dull elsewhere. Sky clear in SE. at night. Slight snow in the NE. during day, rain in the S. of Ireland.

Temperatures fallen slightly at our SW. stations, and quickly over France, rain in most other districts. Varying from 41° at Valentia to 27° at Hurst Castle and 25° at Rochefort. Sharp frost again at night.

Wind generally E. over England, SE. in Ireland and S. in Scotland; strong in force in most coasts and blowing a fresh gale in Ireland. Several SE. gales subsequently experienced in N. and SW.

Sea "high" at Valentia and vicinity, "rough" in the E., SW., and N.

Barometer rises briskly or quickly in all places and depressions recently noticed travelled away SE. over France. Fresh fall, however, appearing at Valentia and extending during day to all coasts.

FRIDAY JAN^y 10th.

Weather still fine over Scandinavia, dull or cloudy elsewhere, snow falling at our NE. and SE. stations, as well as on the E. shores of the North Sea and the N. of France, rain in the SW. Snow showers subsequently in the E., and snow and rain in the SW.

Temperatures fallen briskly over Scandinavia, and a few degrees generally; varying from 38° at Valentia to 25° in the SE. of England, 20° at Brussels and 18° at Cape St. Mary. Thermometer not exceeding 40° at any station during day, and not reaching 30° in many parts of England.

Wind E. to SE. or SSE., blowing a severe gale at Scilly, and in the E. of Ireland, and a moderate or fresh gale in many other places. Wind falling lighter and backing later on.

Sea very high at Scilly, "high" at some N. and NW. stations, "rough" elsewhere.

Barometer rising in Lapland, falling in all other places - quickly in the SW. Large depressions off our SW. coast, anticyclone over Baltic, gradient steep. Depression moving SE. during day.

SATURDAY JAN^y 11th.

Weather cloudy or dull generally, with snow at our E. and central stations, rain at Rochefort. Snow showers subsequently falling in the E. and rain in the SW.

Temperatures risen rapidly in the N. of France, and quickly over the Gulf of Bothnia, fallen elsewhere; varying over these Islands from 36° in the SW. and at Wick to 20° at Liverpool. Following night very cold.

Wind E. at most of our stations, but drawing into NE. in the SW. and into SE. in the N. Fresh in places, SW. breezes in the N. of France. Later in day N. breezes appearing over England.

Sea "high" off Aberdeen and Scilly, "rough" in the N. and SW.

Barometer rising briskly in the SW. of our Islands, and slightly in the N. of France, fallen elsewhere. Anticyclone still shown in Sweden, with depressions lying, one over Denmark, and another over Brittany.

Barometer rising generally at night.

Meteorological Office,

116 Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT

JAN 12th

1879.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 13).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 13).			Max.	Min.		
Haparanda	30.62	15	Z	0	0	30.58	+ .09	17	17	+ .16	Z	0	0	*	?	3	—	
Hernösand	30.41	23	NE	4	0	30.49	+ .04	23	22	+ .18	NE	4	0	*	*	*	—	
Stockholm	30.08	26	ESE	8	5	30.19	+ .11	26	26	+ .11	SE	6	0	*	*	*	0.02	
Wisby														*	*	*		
Christiansund	29.94	26	SE	6	0	30.06	— .03	31	28	+ .3	ESE	5	0	0	?	21	—	
Skudesnaes	29.86	27	ENE	6	0	29.99	+ .10	31	27	+ .2	E	4	0	0	?	27	—	
Oxö (Xtiansand)	29.76	23	NNE	9	5	29.97	+ .11	28	28	+ .7	E	6	5	5	?	21	0.43	
Skagen (The Seaw)	29.84	27	E	8	0	29.99	+ .18	29	28	+ .3	E	7	0	7	30	21	0.04	
Fanö	29.73	14	SE	4	0	29.93	+ .35	19	18	— .8	ESE	0	0	*	28	12	0.03	
Cuxhaven	29.68	17	S	1	0	29.91	+ .29	10	10	— .6	S	1	6	*	18	9	—	
Sumburgh Head	29.85	34	ENE	4	0	29.96	+ .08	35	33	+ .1	SE	4	0	3	36	27	0.01	
Stornoway	29.77	32	NE	1	0	29.87	+ .10	34	32	0	SSE	3	6	3	35	23	—	
Thurso	29.84	33	Z	0	5	29.90	+ .11	32	31	0	SSE	1	0	2	35	30	0.07	
Wick	29.87	35	E	1	0	29.89	+ .12	34	32	— .2	NN	1	0	4	38	29	0.05	
Nairn	29.82	30	ESE	1	0	29.89	+ .12	18	18	— .7	ESE	1	0	3	30	18	0.01	
Aberdeen	29.77	35	ESE	4	5	29.91	+ .17	26	26	— .7	Z	0	0	4	36	26	0.44	
Leith	29.72	32	NE	3	0	29.90	+ .23	22	22	— .7	Z	0	0	*	34	21	0.12	
Shields	29.69	30	N	2	5	29.96	+ .28	29	29	+ .1	N	1	0	4	31	27	0.25	
Scarborough	29.68	31	NNN	2	5	29.95	+ .31	32	?	+ .1	NNN	1	0	2	34	29	0.0	
York	29.69	28	N	1	0	29.97	+ .34	27	27	+ .2	NN	1	0	*	31	25	0.05	
Nottingham	29.73	26	Z	0	0	30.03	+ .39	17	16	— .4	SW	1	6	*	28	16	0.01	
Ardrossan	29.78	28	NE	1	0	29.93	+ .26	24	23	— .3	E	1	6	0	32	22	—	
Greencastle	29.76	32	SW	1	5	29.85	+ .22	32	30	+ .3	SE	3	0	*	38	22	0.04	
Donaghadee	29.79	28	NNN	2	0	29.95	+ .30	25	25	— .4	N	2	0	1	33	21	—	
Kingstown	29.80	30	N	3	0	29.94	+ .33	32	31	0	S	3	0	3	32	27	—	
Holyhead	29.76	31	Z	0	0	29.97	+ .35	33	30	+ .7	SW	1	6	1	34	25	—	
Liverpool (Hidston)	29.72	28	N	1	0	30.08	+ .43	28	27	+ .8	NNN	1	6	1	31	21	—	
Valencia	29.77	39	SE	1	0	29.78	+ .23	46	45	+ .10	SSE	7	49	6	48	35	0.31	
Roche's Point	29.78	32	ENE	3	0	29.90	+ .33	43	43	+ .0	SW	5	7	4	43	31	0.01	
Pembroke	29.78	23	NE	1	0	30.01	+ .53	36	33	+ .14	S	3	0	4	36	22	—	
Portsmouth																		
Seilly	29.76	36	NNE	5	0	30.04	+ .36	42	40	+ .6	S	5	0	6	42	33	—	
Pravara Point	29.76	22	NNE	1	0	30.09	+ .59	26	25	— .2	NNN	2	6	2	29	19	—	
Hurst Castle	29.69	23	N	3	0	30.05	+ .53	20	20	— .7	NN	3	6	3	31	20	—	
Dover	29.64	29	ENE	3	0	29.99	+ .44	26	25	— .1	NNN	3	0	1	30	25	0.01	
London	29.69	27	N	2	0	30.03	+ .45	18	17	— .7	N	1	6	*	27	18	0.02	
Oxford	29.72	28	E	1	0	30.05	+ .45	17	17	— .6	N	2	6	*	29	17	—	
Cambridge	29.68	26	N	1	0	30.01	+ .40	23	22	0	N	1	6	*	31	17	—	
Yarmouth	29.65	26	NNN	1	0	29.95	+ .34	26	25	— .1	N	1	0	3	28	19	0.02	
The Helder	*	*	*	*	*	29.84	+ .22	33	32	+ .15	N	2	0	*	*	*	0.08	
Cape Gris Nez	29.64	23	E	3	0	30.01	+ .44	30	30	+ .7	NNN	3	0	3	?	28	—	
Jersey	29.77	31	NNE	2	0	30.12	+ .81	34	32	+ .5	NN	2	0	2	34	28	—	
Brest	29.62	39	NE	2	0	30.13	+ .72	34	32	— .5	E	1	0	4	?	28	—	
L'Orient	29.58	34	NE	5	0	30.12	+ .67	32	30	— .9	N	2	0	5	41	28	0.35	
Roche fort	29.49	50	S	4	0	30.20	+ .60	34	32	— .14	N	4	0	3	?	63	0.12	
Biarritz	29.62	50	S	4	0	30.20	+ .55	46	41	0	NNN	4	0	5	37	43	0.32	
Corunna	*	*	*	*	*	30.26		34	*		SW	?	0	7	*	*	*	
Brussels	*	*	*	*	*	29.97	+ .37	18	18	+ .1	SW	1	0	*	23	17	—	
Charleville	*	*	*	*	*	? 29.89	+ .36	20	*	+ .1	NN	3	0	*	*	*	*	
Paris	29.63	26	?	2	5	30.05	+ .34	24	?	0	NE	4	0	*	*	*	—	
Lyons	*	*	*	*	*	?	?	?	*	?	NN	2	0	*	*	*	*	
Toulon	29.77	45	N	1	0	29.88	+ .14	41	39	— .2	NE	4	0	3	32	41	—	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.83	28	24	E	6	0	4	Valencia	29.66	39	37	SE	2	0m	0
Thurso	29.87	34	34	ESE	1	c	2	Scilly	29.63	35	32	NE	5	r	6
Scarborough ...	29.65	31	?	N	1	0	3	London	29.61	27	?	NE	3	0	*
Mullaghmore ...	29.72	34	32	ESE	2	3m	2	Roche fort ...	29.51	50	46	SW	4	c	0
Holyhead	29.70	?	?	SSE	2	0	1								

Pressure has risen briskly since the morning in the SW., and gradients have further decreased.
No other change of importance.

Mullaghmore	29.79	28	SSW	1	0	29.79	+ .17	35	33	+ .4	E	5	09	3	35	24	—
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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.

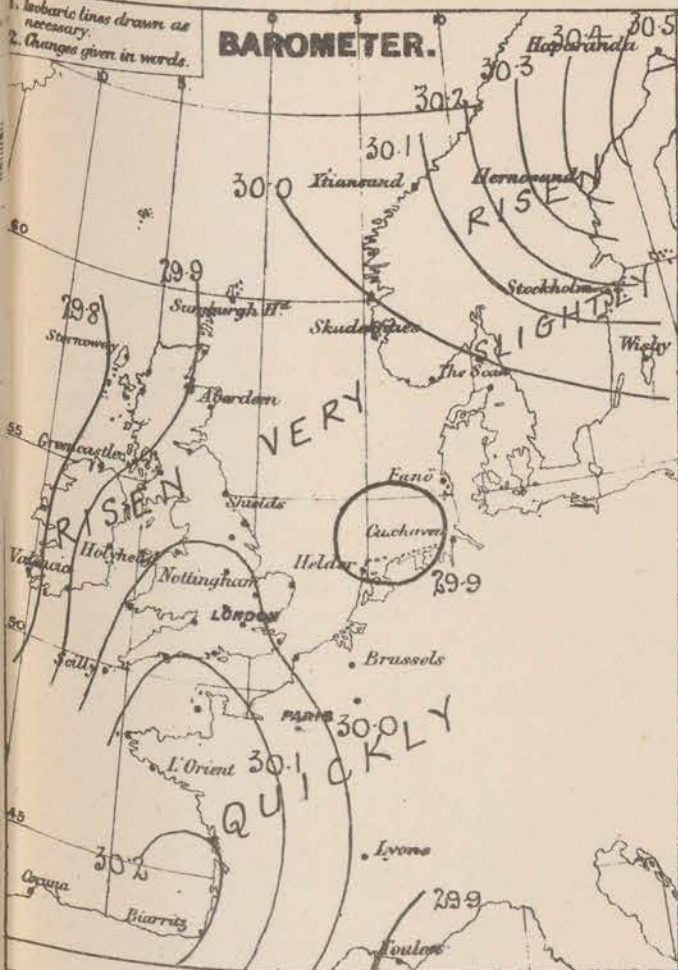
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Sunday 12th JAN^y 1879.

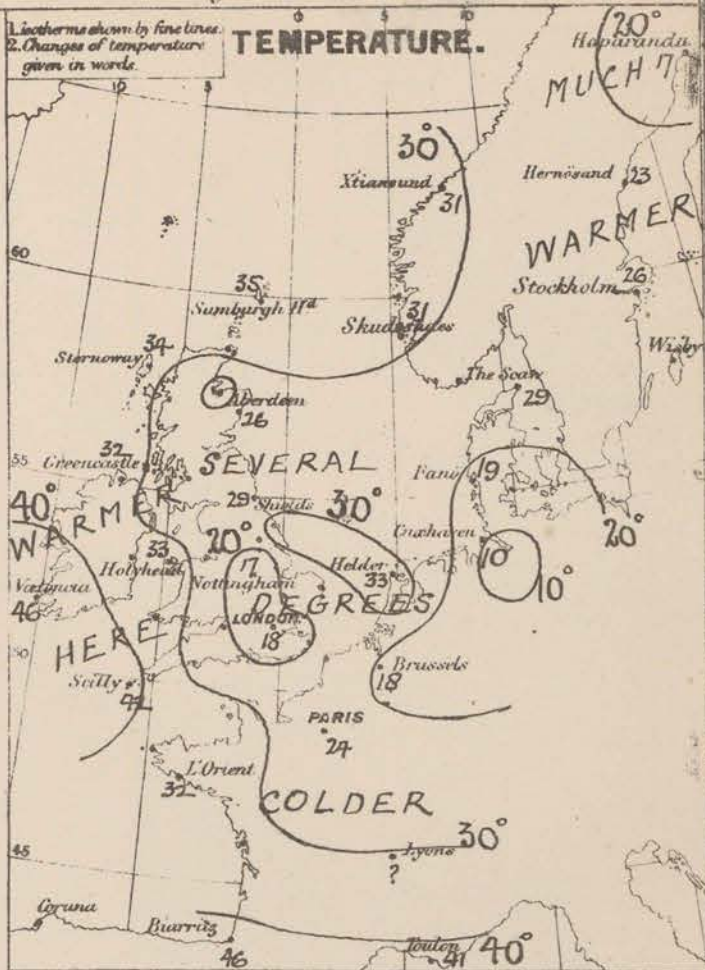
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



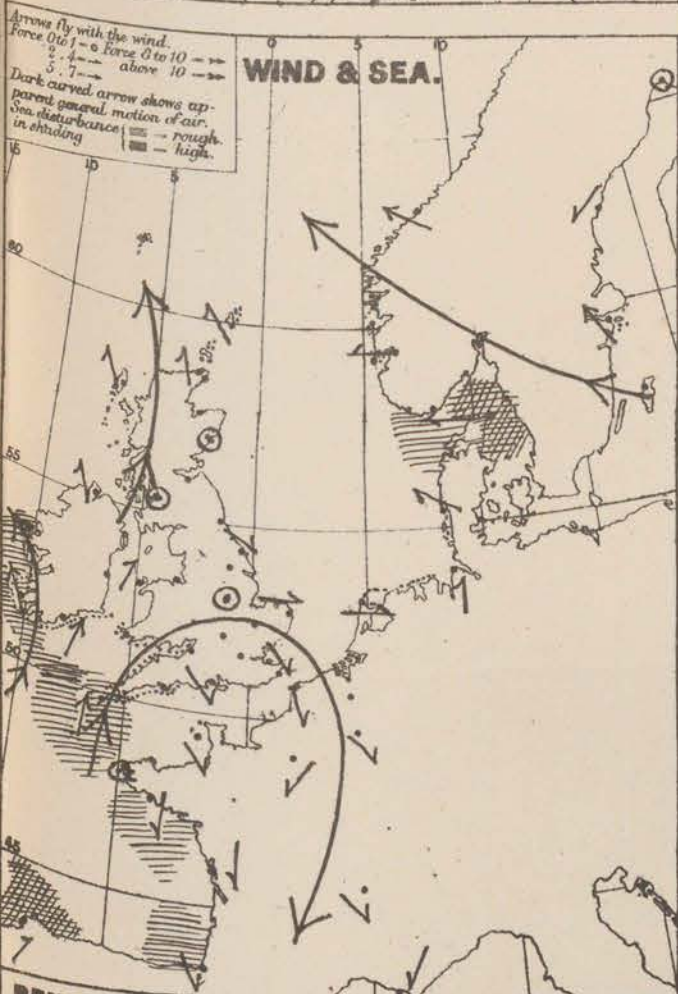
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



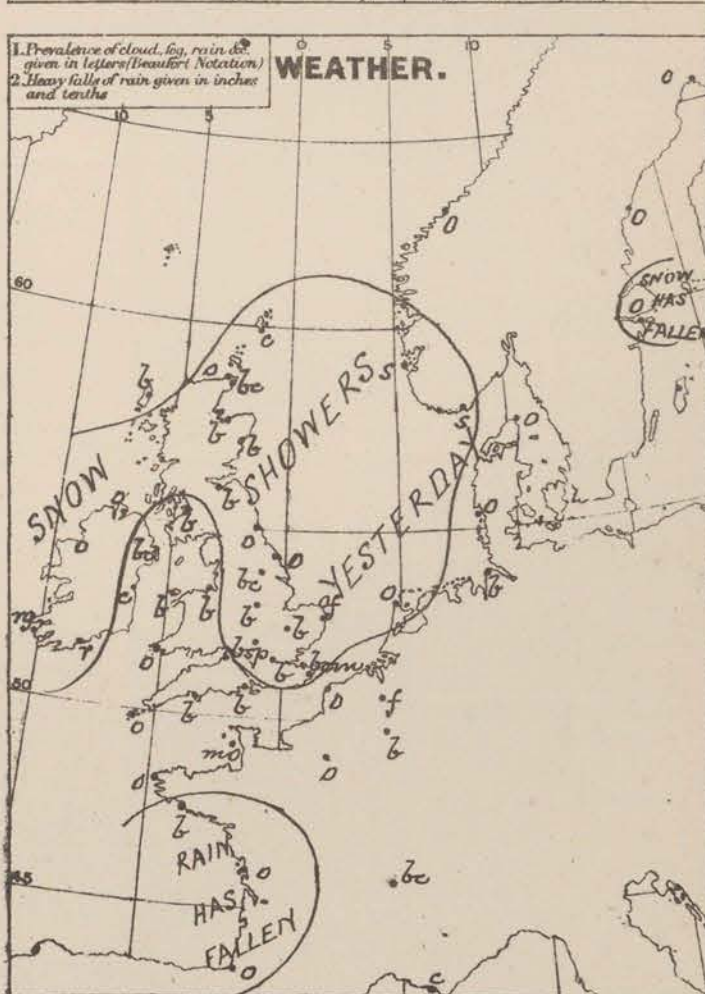
1. Force 0 to 10
 2. Force 10 to 20
 3. Force 20 to 30
 4. Force 30 to 40
 5. Force 40 to 50
 6. Force 50 to 60
 7. Force 60 to 70
 8. Force 70 to 80
 9. Force 80 to 90
 10. Force 90 to 100
- Dark curved arrow shows apparent general motion of air. Sea disturbance in shading:
 - rough
 - high

WIND & SEA.



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

WEATHER.



REMARKS Weather is fine this morning over the S. of Scotland, and the greater part of England, but is dull or cloudy elsewhere. Snow is falling in the S. of Norway, and rain in the S. of Ireland. Very slight snow showers are also reported from Oxford. During the past 24 hours some snow has been measured at most of the NE stations. Temperature has decreased in the S. of Scotland and the S. and SE of England, but has risen elsewhere, very fast in the S. of Ireland and S. Wales. Readings now exceed 40° in the NW, but are as low as 22° at death, and 17° at Oxford. Last night the thermometer in the shade fell to about 17° over Central England. Wind is very light from NW NW in the E. and S., but is S. in the W., and blows fresh in the NW. Sea is high at Cornwall, rough in the NW, moderate to slight elsewhere. Barometrical Indications. Pressure has increased over the whole of W. Europe, rapidly over the N. of France, and briskly generally. A fall of the barometer, however, appears to be setting in in the W. and spreading over us.
Warnings. The S. Low has been visited on our SW. coasts 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.
Secretary.

DAILY WEATHER REPORT

JAN 13TH

1879

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.											PART 4 HOURS.		
	Barometer at 320 ft. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.			
			Dirco.	Force. (0 to 12).		Reading at 320 ft. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	30.65	17	N	0	0	30.65	+ .07	15	15	- 2	S	2	0	*	18	14	-			
Hernösand ...	30.55	25	NE	6	5	30.48	- .01	23	22	0	NE	2	0	*	*	*	-			
Stockholm ...	30.29	30	ESE	6	0	30.30	+ .11	25	24	- 1	ESE	6	0	*	*	*	-			
Wisby ...	30.13	25	ESE	4	0	30.18		30	27		ESE	4	0	*	*	*	-			
Christiansund ...	30.17	19	SE	3	0	30.02	- .04	32	30	+ 1	ESE	5	0	3	32	?	-			
Skudesnaes ...	30.10	33	E	4	6	30.01	+ .02	34	33	+ 3	SE	5	0	5	34	30	-			
Oxö (Xtiansand) ...	30.09	32	E	6	5	30.13	+ .16	33	32	+ 5	E	6	0	3	?	?	0.56			
Skagen (The Seaw)																				
Fanö ...																				
Coxhaven ...	30.13	15	S	1	0	30.26	+ .35	25	25	+ 15	SSW	1	8	*	25	?	-			
Sumburgh Head ...	29.91	36	SSE	5	0	29.86	- .40	37	37	+ 2	SSE	8	7	7	37	34	0.14			
Stornoway ...	29.62	37	SE	6	7	29.47	- .34	39	39	+ 5	N	6	6	4	43	34	0.15			
Thurso ...	29.82	33	SSE	4	0	29.53	- .37	38	37	+ 6	SSW	2	2	2	40	26	0.10			
Wick ...	29.74	37	S	9	0	29.57	- .32	40	39	+ 6	SSTW	1	0	2	42	31	0.02			
Nairn ...	29.79	34	N	0	0	29.86	- .33	41	40	+ 23	N	1	0	2	41	?	18			
Aberdeen ...	29.91	29	SW	1	0	29.63	- .28	36	34	+ 9	N	0	0	4	37	23	0.15			
Leith ...	29.89	32	S	1	5	29.71	- .19	36	36	+ 14	NN	1	0	*	38	27	0.62			
Shields ...	30.01	32	WSW	1	0	29.78	- .18	39	38	+ 10	SW	2	0	3	39	27	0.18			
Scarborough ...	30.07	30	NNW	2	0	29.84	- .11	37	37	+ 5	SW	2	0	2	37	30	0.16			
York ...	30.07	32	NN	1	0	29.89	- .08	38	38	+ 11	SW	2	0	*	38	27	0.13			
Nottingham ...	30.13	30	N	0	5	29.95	- .08	39	38	+ 22	SSW	3	0	*	39	17	0.36			
Ardrossan ...	29.82	37	ESE	4	7	29.75	- .18	45	43	+ 21	SW	2	0	3	46	24	0.65			
Greencastle ...	29.69	38	SSE	3	7	29.71	- .14	40	39	+ 8	N	2	0	*	40	31	0.35			
Donaghadee ...	29.79	40	S	6	7	29.80	- .15	38	38	+ 10	SSW	4	0	2	43	24	0.51			
Kingstown ...	29.78	42	S	5	0	29.85	- .09	45	45	+ 16	N	5	0	4	50	31	0.08			
Holyhead ...	29.89	37	S	6	7	29.90	- .07	41	41	+ 8	SSW	3	0	2	48	32	0.55			
Liverpool (Bdston) ...	30.00	32	SE	3	5	29.88	- .20	45	43	+ 17	SW	3	0	3	46	?	28			
Valencia ...	29.72	49	SSE	6	7	29.94	+ .16	49	47	+ 3	SSW	5	0	5	53	35	0.33			
Roche's Point... ..	29.80	46	S	6	7	29.97	+ .07	47	46	+ 4	WSW	3	0	4	47	43	0.50			
Penbroke ...	29.97	42	S	5	7	29.99	- .02	46	46	+ 10	WSW	2	0	4	47	36	0.26			
Portishead ...																				
Scilly ...	30.02	47	SSW	9	7	30.07	+ .03	51	51	+ 9	WSW	6	0	6	51	42	0.12			
Pravda Point ...	30.16	41	S	5	0	30.09	- .00	48	48	+ 22	NNW	4	0	4	48	26	0.04			
Hurst Castle ...	30.20	38	SW	3	0	30.06	+ .01	45	44	+ 23	SW	6	0	6	45	20	0.13			
Dover ...	30.23	30	NNW	3	0	30.16	+ .17	38	37	+ 12	SW	5	0	4	39	25	0.04			
London ...	30.20	29	WSW	1	0	30.07	+ .04	42	42	+ 24	SW	4	0	*	42	18	0.01			
Oxford ...	30.18	32	SW	1	5	30.03	- .02	40	39	+ 23	S	3	0	*	40	17	0.10			
Cambridge ...	30.19	26	E	1	0	30.01	- .00	37	37	+ 14	SSW	3	0	*	38	?	0.09			
Yarmouth ...	30.15	24	N	1	0	30.03	+ .08	35	34	+ 9	SW	4	0	3	35	23	0.08			
The Helder ...	*	*	*	*	*	30.15	+ .31	31	31	- 2	S	2	0	*	*	*	0.08			
Cape Gris Nez ...																				
Jersey ...	30.29	36	S	2	0	30.21	+ .09	41	41	+ 7	SSW	5	0	5	41	34	0.03			
Brest ...	30.21	41	S	4	0	30.21	+ .08	48	48	+ 14	N	3	0	5	?	32	0.12			
L'Orient ...	30.30	39	N	3	0	30.26	+ .14	48	48	+ 16	SW	3	0	5	50	30	0.08			
Rochefort ...	30.39	43	SE	2	0	30.29	+ .19	36	34	+ 2	E	5	0	3	50	?	-			
Biarritz ...																				
Corunna ...	*	*	*	*	*															
Brussels ...	*	*	*	*	*	30.28	+ .31	29	29	+ 11	SSW	4	0	*	32	28	0.04			
Charleville ...	*	*	*	*	*	30.37	+ .48	23	*	+ 3	S	6	0	*	*	*	*			
Paris ...	30.37	27	?	3	0	30.39	+ .34	30	?	+ 6	?	3	0	*	*	*	*			
Lyons ...	*	*	*	*	*	30.58	?	33	*	?	N	2	0	*	*	*	*			
Toulon ...	30.04	41	N	4	0	30.20	+ .32	48	34	+ 7	E	3	0	3	52	?	-			
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.																				
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.							
Skudesnaes ...	30.08	32	30	E	4	0	3	Valencia ...												
Thurso ...								Scilly ...												
Scarborough ...								London ...												
Greencastle ...							*	Rochefort ...	30.32	41	37	NE	1	0	2					
Holyhead ...																				
Mullaghmore ...	29.89	46	SSW	8	7	29.75	+ .04	45	45	+ 10	SW	6	0	5	46	34	0.26			

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. in Paris (Munich, 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 14TH 1879.

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 13).		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 13).			Max.	Min.			
Haparanda ...	30.28	5	S	2	o	30.27	- .38	19	19	+	4	S	2	o	*	19	5	-	
Hernösand ...	30.30	22	N	2	o	30.30	- .18	23	23	+	0	N	0	o	*	*	*	0.04	
Stockholm ...	30.29	27	Z	0	o	30.30	.00	27	26	+	2	SE	2	o	*	*	*	-	
Wisby ...	30.21	30	S	4	o	30.23	+.05	32	30	+	2	SSE	4	o	*	*	*	-	
Christiansund ...	29.90	34	SE	3	o	29.91	- .11	34	32	+	2	SE	5	o	3	34	27	0.04	
Skudesnaes ...	29.98	35	SE	6	o	30.04	+.03	37	35	+	3	SE	6	o	4	?	34	-	
Oxö (Xiansand) ...	30.20	31	SE	6	5	30.15	+.02	34	33	+	1	ESE	4	o	3	?	30	0.04	
Skagen (The Seaw)																			
Fanö ...															*				
Cuxhaven ...	30.15	32	S	5	f	30.21	- .05	35	35	+	10	SH	1	f	*	?	?	-	
Sumburgh Head ...	29.66	42	SH	3	o	29.77	+.21	41	40	+	4	SSE	3	o	4	44	37	0.02	
Stornoway ...	29.64	40	SH	5	o	29.43	- .04	44	43	+	5	SSE	7	o	5	44	37	0.10	
Thurso ...	29.72	38	SSH	2	o	29.67	+.14	38	37	+	0	SSE	2	o	2	40	35	-	
Wick ...	29.74	39	NW	2	o	29.65	+.08	42	40	+	2	S	4	o	4	44	36	-	
Nairn ...	29.77	40	W	2	o	29.69	+.13	37	36	+	4	W	1	o	2	44	36	0.02	
Aberdeen ...	29.82	37	S	1	o	29.76	+.13	40	39	+	5	S	4	og	3	41	34	-	
Leith ...	29.89	40	SSH	4	o	29.70	- .01	39	38	+	3	SE	3	o	*	47	35	-	
Shields ...	29.97	43	SSH	2	o	29.85	+.07	38	37	+	1	S	1	of	2	46	37	-	
Scarborough ...	30.04	40	SSH	2	o	29.91	+.07	37	37	+	0	S	3	of	3	43	36	-	
York ...	30.04	40	W	1	o	29.87	- .02	37	37	+	1	SE	2	f	*	46	34	-	
Nottingham ...	30.12	37	S	1	o	29.93	- .02	41	41	+	2	S	2	o	*	44	34	0.01	
Ardrossan ...	29.92	45	SH	3	o	29.61	- .14	43	41	+	2	SSE	6	f	5	46	41	0.08	
Greencastle ...	29.89	41	SH	1	o	29.45	- .26	44	43	+	4	S	4	o	*	45	36	0.07	
Donaghadee ...	29.91	44	SSH	3	o	29.40	- .20	46	46	+	8	SSH	6	f	4	46	38	0.38	
Kingstown ...	30.02	47	S	3	o	29.63	- .22	48	47	+	0	S	4	o	4	49	42	0.19	
Holyhead ...	30.05	44	SH	2	o	29.68	- .22	46	45	+	5	SSE	4	f	3	47	241	0.20	
Liverpool (Midston)	30.09	42	SSH	2	o	29.75	- .13	42	41	+	3	SE	3	o	2	48	38	-	
Valencia ...	29.94	49	S	5	og	29.84	- .40	47	45	+	2	S	7	og	6	52	45	0.46	
Roche's Point...	30.03	48	SSH	3	o	29.62	- .35	48	47	+	1	SH	5	cp	5	50	44	0.42	
Pembroke ...	30.11	44	SSH	1	f	29.72	- .27	47	47	+	1	SSH	6	f	5	47	43	0.27	
Portishead ...																			
Seilly ...	30.14	50	SSH	4	f	29.81	- .26	32	32	+	1	SH	6	f	6	53	48	0.25	
Howle Point ...	30.19	46	W	2	o	29.89	- .20	48	48	+	0	SSH	5	f	4	48	43	0.04	
Hurst Castle ...	30.18	38	N	0	of	29.97	- .09	44	44	+	1	S	5	m	5	45	38	0.05	
Dover ...	30.21	42	W	4	o	30.12	- .04	40	39	+	2	SH	4	of	3	43	38	0.06	
London ...	30.19	46	SSH	1	bcu	30.01	- .06	43	43	+	1	S	4	o	*	48	37	0.03	
Oxford ...	30.17	40	SH	1	f	29.96	- .07	41	40	+	1	SSH	2	f	*	43	39	0.01	
Cambridge ...	30.18	37	SH	1	o	29.99	- .02	40	40	+	3	S	2	o	*	41	35	0.05	
Yarmouth ...	30.12	37	SSH	1	f	30.07	+.04	37	37	+	2	S	3	f	3	40	31	0.01	
The Helder ...	*	*	*	*	*	30.17	+.02	36	36	+	5	SSE	1	f	*	*	*	0.24	
Cape Gris Nez ...	30.21	43	SH	4	f	30.13	- .16	39	39	+	0	S	4	f	3	45	34	0.08	
Jersey ...	30.26	44	SH	2	f	30.05	- .16	44	44	+	3	S	4	om	4	46	41	0.08	
Brest ...	30.25	48	SH	2	m	30.02	- .19	48	48	+	0	SSH	5	o	5	?	43	0.08	
L'Orient ...	30.29	48	SSH	3	m	30.11	- .15	48	48	+	0	S	4	m	5	50	45	0.12	
Rochefort ...	30.24	48	S	3	o	30.23	- .16	39	37	+	3	SSE	3	bc	3	52	28	-	
Biarritz ...	30.39	50	E	2	bc	30.17	- .25	39	36	+	2	ESE	2	bc	7	50	36	-	
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	30.23	- .05	35	35	+	6	S	1	f	*	36	34	0.04	
Charleville ...	*	*	*	*	*	30.24	- .13	35	*	+	12	SE	3	o	*	*	*	*	
Paris ...	30.36	?	?	2	o	30.23	- .16	36	36	+	6	SE	2	o	*	*	*	0.04	
Lyons ...	*	*	*	*	*	30.37	- .21	35	*	+	2	N	2	m	*	*	*	*	
Toulon ...	30.27	50	W	2	bc	30.26	+.06	46	41	+	2	NE	1	o	2	54	43	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.95	34	32	SE	8	o	6	Valencia ...	29.99	51	49	S	5	bcu	5
Thurso	29.65	38	37	SSH	1	bcu	2	Scilly	30.15	52	51	SSH	4	of	7
Scarborough ...	29.97	43	42	SSH	3	o	2	London	30.14	45	47	N	2	ogm	*
Mullaghmore ...	29.87	47	44	SH	5	o	6	Rochefort ...	30.31	43	41	S	5	o	3
Holyhead	30.03	46	45	SH	4	o	3								

The barometer after rising everywhere, especially in the NE, has begun to fall again at Valencia, where the wind has backed slightly and remains fresh in force. A heavy ground sea is reported at Mullaghmore.

Mullaghmore	29.88	47	SH	5	bc	29.43	- .32	49	47	+	4	SH	6	o	6	49	42	0.20
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EXPLANATION OF COLUMNS.

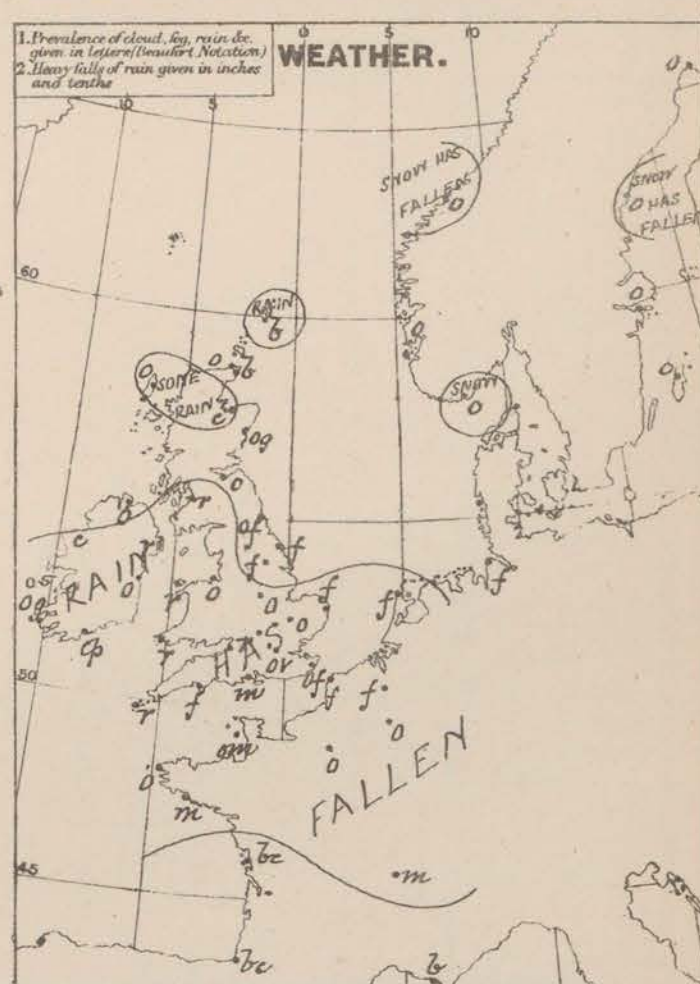
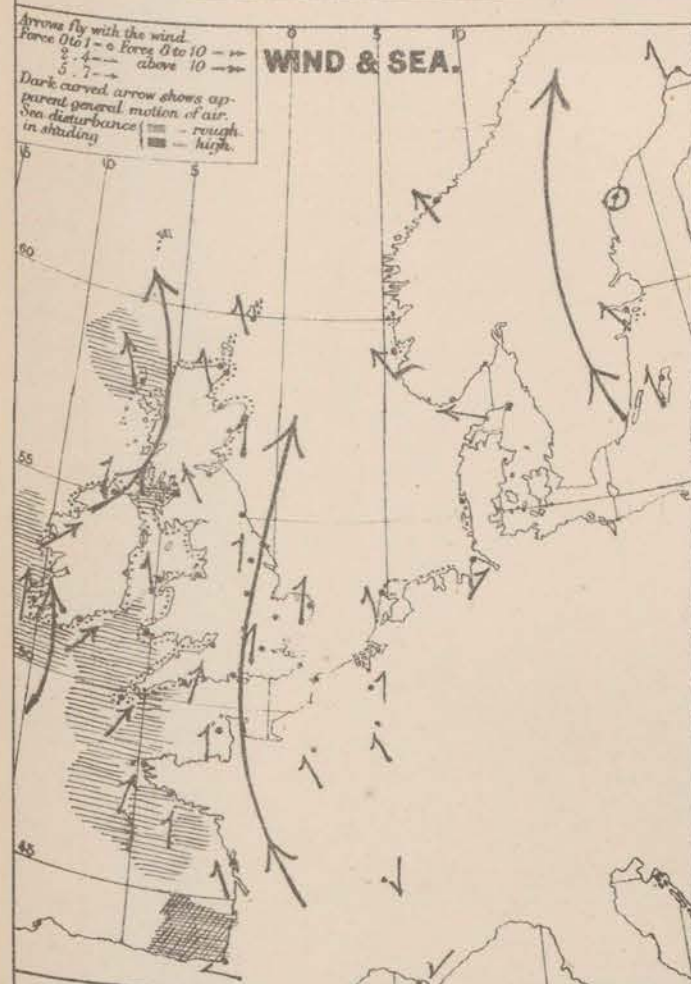
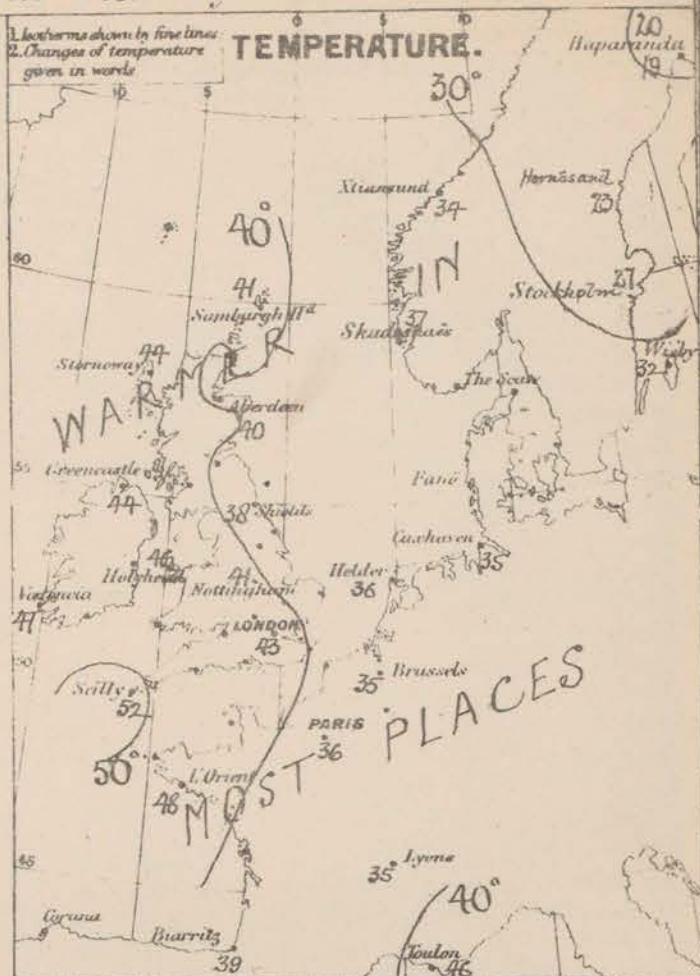
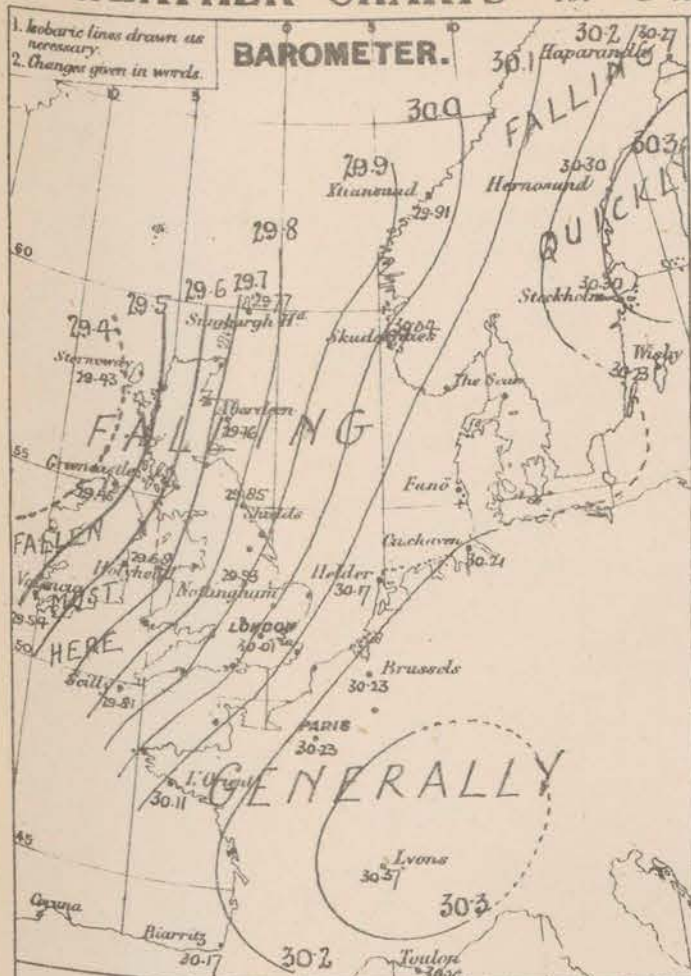
WEATHER.—Beaufort Scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 Tuesday 14th JAN^y 1879.



REMARKS. Weather is clear in the extreme N. of our Islands, overcast and gloomy elsewhere, with fog and rain in several places. Rain has fallen during the past 24 hours at all but our NEst stations, and thick fogs occurred in the Sth counties last evening, but the sky was very clear in the N. and NE, and subsequently cleared in London. Temperature is high generally over our Islands, the readings varying from 52° at Seilby to 37° at Naism. Wind is strong from SW on our SW coasts, and is generally S elsewhere - light in the E, strong in the NW. Moderate S gales are reported at Valentia and St. John's this morning. Sea is high at Beauty, rough in the SW and S generally, moderate or slight elsewhere.

Barometrical Indications. The barometer remains high (nearly 30.4 in.) over the Sth parts of Central France, and over the Gulf of Bohemia. It is, however, falling fast on our W. and NW coasts, as well as in the N. of Scandinavia, and is steadily elsewhere. Depressions are moving Nth along our extreme W coasts, and gradients for S winds are increasing.

Wannings. The S. Low is still up in the N. and NE, and has been reported in the SW this morning.

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

R. H. SCOTT.

Secretary.

DAILY WEATHER REPORT

JAN. 15th

1879.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										LAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.			
Haparanda ...																			
Hernösand ...	30.19	26	Z	0	0	30.12	-.18	25	24	+ 2	Z	0	0	*	*	*	-		
Stockholm ...	30.26	25	Z	0	0	30.22	-.08	27	27	0	Z	0	g	*	*	*	0.04		
Wibby ...	30.22	32	W	4	0	30.14	-.09	29	28	- 3	SSW	4	0	*	*	*	-		
Christiansund ...	29.87	37	SE	3	0	29.68	-.23	41	35	+ 7	ESE	4	0	3	41	30	-		
Skudesnaes ...	29.85	39	ESE	8	0	29.62	-.42	40	36	+ 3	ESE	8	0	6	?	37	-		
Oxö (Xtiansand) ...	30.10	32	ESE	4	g	? 29.89	-.26	35	34	+ 1	ESE	6	0	4	?	?	-		
Skagen (The Scaw) ...																			
Fanö ...																			
Cuxhaven ...	30.18	35	S	1	g	29.80	-.41	35	35	0	SSE	2	0	*	?	32	-		
Sumburgh Head ...																			
Stornoway ...	29.28	41	S	4	0	29.30	-.13	40	40	- 4	S	2	0	?	45	34	0.10		
Thurso ...	29.42	37	SSE	1	0	29.33	-.24	34	34	- 4	Z	0	0m	2	40	31	0.04		
Wick ...	29.41	41	S	3	0	29.34	-.21	37	36	- 5	SW	2	0	3	43	36	0.11		
Nairn ...	29.41	42	Z	0	0	29.37	-.22	38	36	+ 1	Z	0	0	2	46	35	-		
Aberdeen ...	29.49	41	S	3	0p	29.39	-.37	34	33	- 6	WSW	1	m	2	42	34	0.37		
Leith ...	29.47	45	S	3	0	29.41	-.29	37	37	- 2	WSW	2	0m	*	49	35	0.08		
Shields ...	29.61	41	SSW	4	0m	29.42	-.43	41	39	+ 3	WSW	2	0m	3	42	38	0.09		
Scarborough ...	29.66	42	SW	2	0	29.43	-.48	40	40	+ 2	W	2	0	2	43	37	0.49		
York ...	29.65	42	SE	2	0	29.48	-.39	39	38	+ 2	W	3	0	*	42	36	0.48		
Nottingham ...	29.67	46	S	3	0	29.46	-.37	37	37	- 4	SW	1	0	*	46	37	0.37		
Ardrossan ...	29.47	46	S	3	0	29.44	-.17	42	40	- 1	WSW	2	0	2	47	39	0.12		
Greencastle ...	29.40	43	S	3	0	29.48	+ .03	36	35	- 2	E	1	0	*	48	33	0.13		
Donaghadee ...	29.50	42	SW	3	0	? 29.52	-.08	35	35	- 11	SW	4	0	3	46	33	0.02		
Kingstown ...	29.37	47	SW	3	0	29.55	-.08	41	39	- 7	WSW	6	0	5	49	43	0.02		
Holyhead ...	29.34	46	SSW	3	m	29.57	-.17	41	40	- 5	W	4	m	3	49	40	0.08		
Liverpool (Bidston) ...	29.58	44	SSE	2	0	29.57	-.24	38	36	- 4	WSW	2	0	1	46	38	0.06		
Valencia ...	29.47	43	SSW	5	0	29.76	+ .22	43	40	- 4	W	3	0	3	47	37	0.15		
Roche's Point ...	29.58	43	SW	4	0	29.76	+ .14	40	38	- 8	W	4	0	4	49	39	0.16		
Pembroke ...	29.59	46	SW	3	0	29.67	-.05	44	41	- 3	W	7	0	5	48	41	0.15		
Portishead ...																			
Seilly ...	29.64	50	SW	6	0	29.85	+ .04	46	44	- 6	W	6	0	7	52	44	0.11		
Praslin Point ...	29.75	48	SW	4	m	29.80	-.09	41	39	- 7	WSW	5	0	4	48	40	0.12		
Hurst Castle ...	29.74	46	SSW	7	0	29.71	-.26	41	40	- 3	W	5	0	6	47	40	0.70		
Dover ...	29.89	42	SSW	5	0	29.87	-.45	41	40	- 1	WSW	4	0	3	44	39	0.47		
London ...	29.80	46	S	5	0	29.65	-.26	39	38	- 4	WSW	3	0	*	47	38	0.21		
Oxford ...	29.67	45	SW	1	0	29.65	-.31	39	38	- 2	SW	2	0	*	47	38	0.50		
Cambridge ...	29.73	45	S	2	0	29.59	-.40	39	38	- 1	SW	1	0	*	45	38	0.34		
Yarmouth ...	29.84	40	S	5	0	29.55	-.32	39	39	+ 2	WSW	2	0	2	40	36	0.18		
The Helder ...	*	*	*	*	*	29.62	-.55	37	37	+ 1	SSE	2	0	*	*	*	0.35		
Cape Gris Nez ...	29.89	43	S	5	0	29.73	-.40	43	43	+ 4	WSW	7	0	6	45	37	0.39		
Jersey ...	29.84	45	S	4	0	29.88	-.17	45	43	+ 1	W	6	0	6	47	41	0.19		
Brest ...	29.84	50	SW	5	0	29.98	-.04	46	43	- 2	WSW	4	0	7	?	41	0.43		
L'Orient ...	29.91	48	WSW	5	0	30.02	-.09	45	41	- 3	W	4	0	5	50	41	0.32		
Rochefort ...	30.07	43	S	5	0	30.10	-.13	50	46	+ 11	W	5	0	3	55	32	-		
Biarritz ...	30.16	48	WSW	3	0	30.24	+ .09	48	48	+ 15	WSW	3	0	5	45	32	-		
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	29.72	-.51	40	39	+ 5	SSW	4	0	*	40	33	0.16		
Charleville ...	*	*	*	*	*	? 29.76	-.48	38	*	+ 3	WSW	3	0	*	*	*	*		
Paris ...	30.05	38	?	2	0	29.91	-.32	41	39	+ 5	S	3	0	*	*	*	0.12		
Lyons ...	*	*	*	*	*	30.16	-.21	39	*	+ 4	SW	2	0	*	*	*	*		
Toulon ...	30.17	44	E	1	0	30.12	-.41	45	41	- 1	WSW	5	0	4	52	43	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.94	39	26	ESE	6	0	4	Valencia	29.50	50	45	SSW	5	cm	5
Thurso	29.46	40	39	SSE	3	0	3	Seilly	29.72	42	51	SSW	6	cm	6
Scarborough ...	29.72	41	41	SSE	3	0	3	London	29.87	47	46	S	4	cm	*
Mullaghmore ...	29.41	47	44	SSW	8	0	6	Rochefort ...	30.11	46	43	SE	3	0	3
Holyhead	29.65	48	47	SSW	4	m	4								

The barometer is very unsteady over the whole of our Islands. A fresh gale from SSW is blowing at Mullaghmore, and fresh to strong breezes from the same quarter on our W. coasts generally.

Mullaghmore	29.35	45	SW	8	cu	29.34	+ .11	45	40	- 4	WSW	7	0.98	6	49	39	0.10
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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.

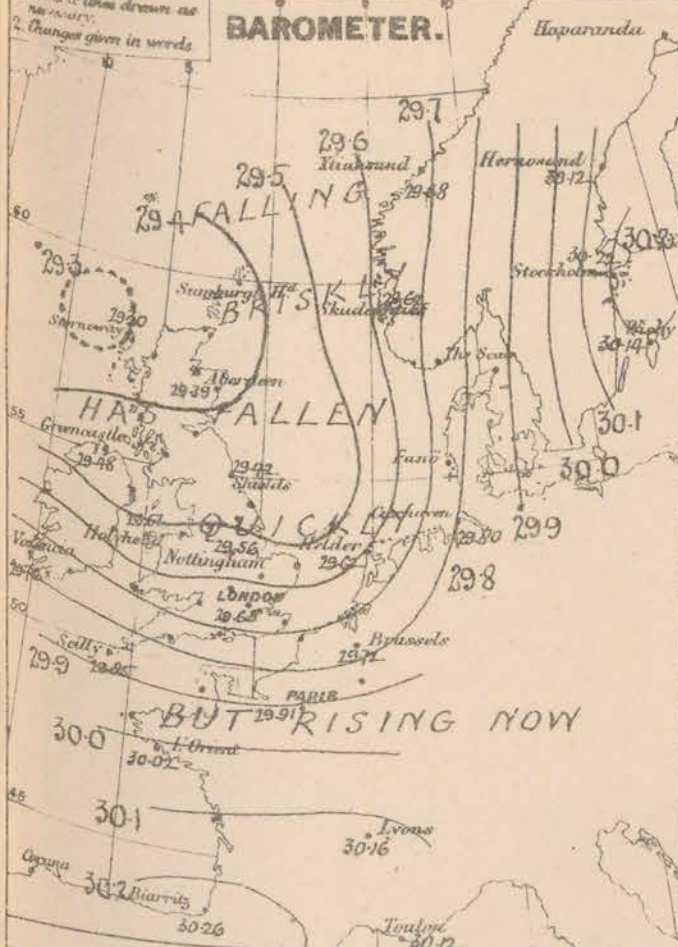
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 15th JAN^y 1879.

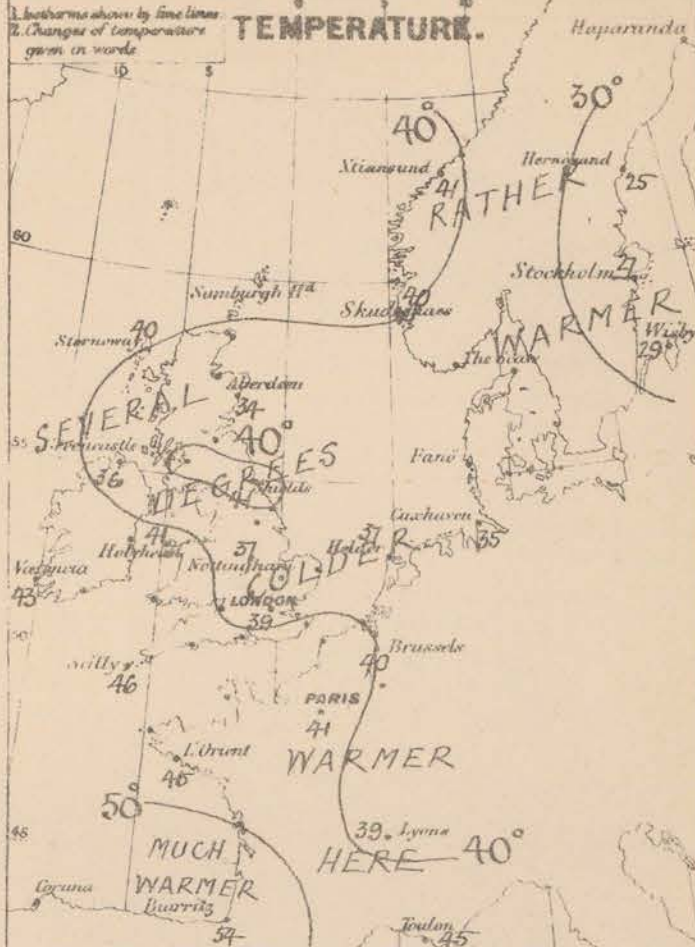
1. Isobars lines drawn as in map.
2. Changes given in words.

BAROMETER.



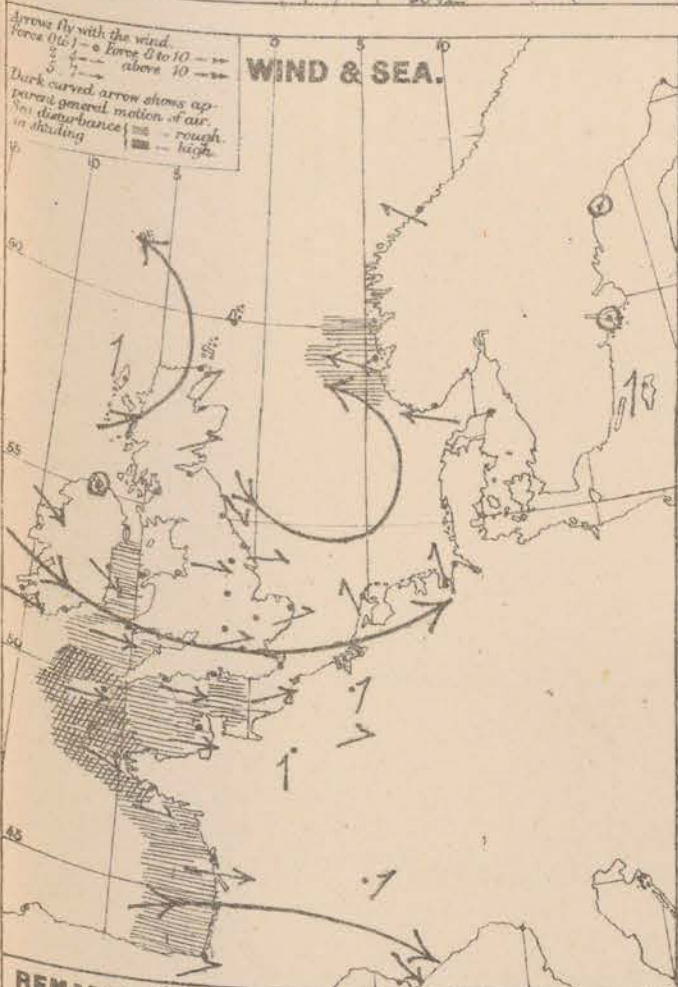
1. Isobars shown by line lines.
2. Changes of temperature given in words.

TEMPERATURE.



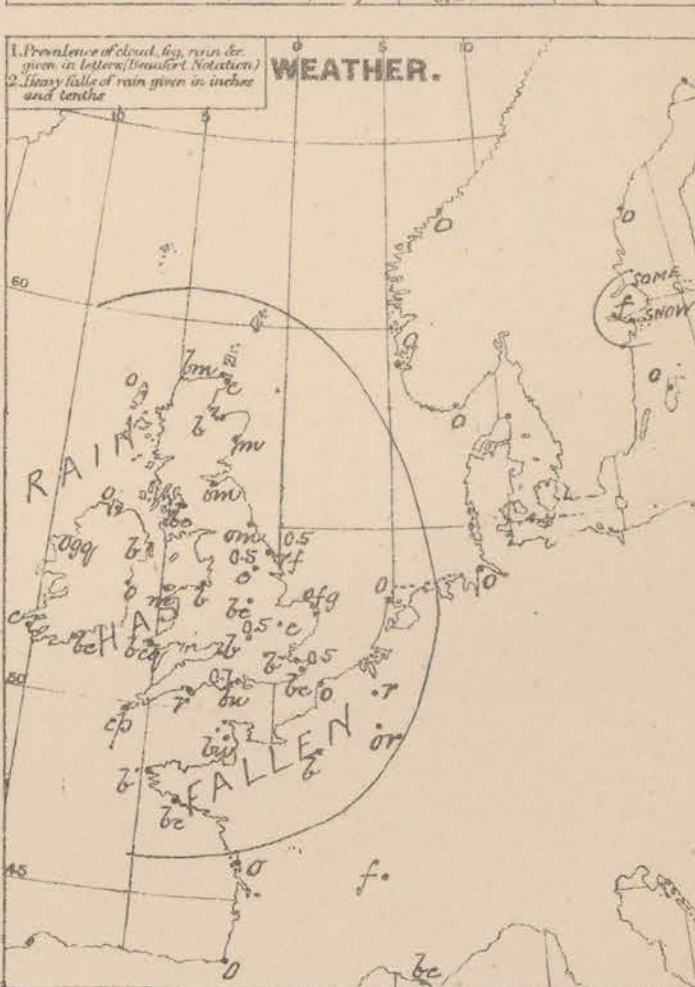
1. Arrows fly with the wind.
2. Force (ft) - 0 to 10 - - - - - above 10 - - - - -
3. Dark curved arrow shows apparent general motion of air.
4. In disturbance - - - - - rough in shading - - - - - high.

WIND & SEA.



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

WEATHER.



REMARKS. Weather over the United Kingdom is changeable and unsettled. The amount of cloud reported from the different stations varies greatly. Rain is falling at several stations, mist and fog prevail at others, and on our S coast the appearance is generally unsettled and threatening. Rain fell very heavily during yesterday, but the largest amounts measured were 0.7 in at Lowestoft, 0.5 in at Scarborough, Dover and Cardiff. Temperature was rather low over our islands, rivers, coasts, and readings were 54° at Plymouth, 46° at Scilly, and 54° at Aberdeen. The maximum for yesterday was as high as 55° in the SW of France 52° at Scilly, and 51° at Valencia, but in the NE of England they averaged about 42°. Wind is changing from the W in our W and S coasts this morning, moderate from the same quarter over France. In Holland it is S, in the S of Norway ESE (strong to a gale) whilst in Scotland calms prevail. Sea is high at the mouth of the Channel, rough on our S, and SW coasts, and in the Bay of Biscay, slight or smooth in the E.

Barometrical indications. The barometer is now high (rather above 30.2 in) both in the SW of France and over the Baltic, whilst a depression lies over Scotland, and a secondary one over the North Sea. The morning is now rising briskly in the SW and S, falling elsewhere, and fresh to strong S winds seem probable.

Fogging. Signals looked this morning in the SW, S, and SE.

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

R. H. SCOTT.

Secretary

DAILY WEATHER REPORT JAN 16TH 1879.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PART 24 HOURS		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	30.15	21	S	2	0	30.24		21	21		Z	0	0	*	21	19	—	
Hernösand ...	30.16	27	S	2	0	30.24	+ .12	26	26	+ 1	S	4	0	*	*	*	—	
Stockholm ...	30.19	27	E	2	0	30.17	— .05	27	27	0	ENE	2	0	*	*	*	—	
Wisby ...	30.11	31	E	4	0	30.09	— .05	26	25	— 3	SE	6	0	*	*	*	—	
Christiansund ...	29.70	40	ESE	3	0c	?	?	35	31	— 6	?	2	0c	3	41	34	—	
Skudesnaes ...	29.73	38	SE	8	0	29.95	+ .33	35	32	— 5	SSE	6	0	4	?	?	—	
Oxö (Xtiansand) ...	29.88	33	ESE	8	0	30.00	+ .11	34	32	— 1	E	8	0	4	36	32	—	
Skagen (The Scaw) ...	29.97	30	SE	5	0	30.06	+ .07	33	33	+ 2	SE	4	0	4	?	25	—	
Fanö ...	29.79	31	ESE	4	5	29.89	+ .12	30	30	— 3	ESE	4	0	*	34	30	—	
Cuxhaven ...	29.76	35	S	1	f	29.69	— .11	35	35	0	N	1	f	*	?	32	0.52	
Sumburgh Head ...	29.49	41	S	1	0	29.79	+ .41	39	38	— 4	SH	2	0c	4	43	36	0.09	
Stornoway ...	29.34	38	N	5	0c	29.78	+ .48	39	39	— 1	SH	1	0	2	41	31	—	
Thurso ...	29.57	39	SH	1	0	29.83	+ .50	32	32	— 2	SSE	1	0	2	40	30	—	
Wick ...	29.59	37	SH	1	0	29.84	+ .50	34	33	— 3	N	1	0	0	45	33	—	
Nairn ...	29.63	36	N	1	0	29.85	+ .48	35	33	— 3	Z	0	0c	2	42	34	—	
Aberdeen ...	29.58	38	NNN	3	0m	29.87	+ .48	30	30	— 4	NNN	1	0	2	40	30	—	
Leith ...	29.67	38	N	4	0	29.88	+ .47	34	32	— 3	N	1	0cm	*	43	30	—	
Shields ...	29.67	40	N	4	0c	29.94	+ .52	32	31	— 9	N	3	0m	2	41	32	—	
Scarborough ...	29.69	42	NNN	2	0	29.94	+ .51	37	35	— 3	NN	1	0	2	43	35	0.09	
York ...	29.70	40	N	3	0c	29.96	+ .48	28	28	— 11	NN	1	0	*	45	27	—	
Nottingham ...	29.86	37	NNN	1	0	29.97	+ .41	28	28	— 9	Z	0	0	*	43	26	—	
Ardrossan ...	29.73	42	NNN	2	0	29.91	+ .47	37	36	— 5	Z	0	0f	0	45	34	0.07	
Greencastle ...	29.74	37	NNN	2	0	29.89	+ .41	33	31	— 3	NNN	1	0	*	45	30	0.10	
Donaghadee ...	29.82	33	N	3	0c	29.94	+ .42	31	31	— 4	N	3	0	2	40	30	0.02	
Kingstown ...	29.87	41	NSTN	3	0	29.88	+ .33	41	39	0	ESE	3	0m	4	44	37	0.01	
Holyhead ...	29.86	42	N	3	0	29.87	+ .36	37	35	— 4	E	3	0m	2	44	34	0.02	
Liverpool (Bidston) ...	29.83	38	NSTN	4	0	29.93	+ .42	32	31	— 6	ESE	1	0	1	41	32	—	
Valencia ...	29.84	42	E	2	0	29.84	+ .08	41	40	— 2	NE	4	0	4	51	39	0.08	
Roche's Point ...	29.82	42	N	2	0c	29.83	+ .07	40	40	0	ENE	5	0	4	46	39	0.24	
Pembroke ...	29.90	42	NN	2	0	29.75	+ .08	40	36	— 4	E	5	0m	3	46	37	—	
Portishead ...																		
Seilly ...	29.92	45	Z	0	0c	29.38	— .47	47	47	+ 1	E	10	0	7	49	44	0.53	
Pravle Point ...	29.95	41	SH	2	0	29.65	— .15	43	43	+ 2	ESE	6	0	5	47	39	0.09	
Hurst Castle ...	29.92	40	NNN	2	0	29.82	+ .11	39	38	— 2	ESE	3	0g	3	44	33	—	
Dover ...	29.87	43	N	4	0	29.97	+ .30	33	32	— 8	NN	2	0m	1	44	32	0.03	
London ...	29.99	44	NN	2	0cm	29.94	+ .29	31	30	— 8	ENE	1	0f	*	46	28	0.02	
Oxford ...	29.91	40	N	2	0	29.91	+ .26	33	32	— 6	N	2	0	*	46	?	—	
Cambridge ...	29.84	40	SH	2	0c	29.95	+ .36	29	28	— 10	SH	1	0	*	46	28	—	
Yarmouth ...	29.78	39	N	2	0m	29.75	+ .40	32	32	— 7	Z	0	0	2	42	31	—	
The Helder ...	*	*	*	*	*	29.92	+ .30	37	36	0	NNN	1	0c	*	*	*	0.12	
Cape Gris Nez ...	29.96	43	N	6	0	29.95	+ .22	34	32	— 9	E	2	0	1	45	32	—	
Jersey ...	30.02	44	N	3	0	29.70	— .18	43	43	— 2	ESE	5	0m	4	47	41	0.10	
Brest ...	30.06	48	N	2	0	29.41	— .57	48	46	+ 2	S	5	0	7	?	43	0.39	
L'Orient ...	30.08	45	N	3	0c	29.55	— .47	46	46	+ 1	S	6	0	7	50	41	0.28	
Rochefort ...	30.17	50	NNN	4	0	29.86	— .24	45	43	— 5	S	4	0	4	61	43	—	
Biarritz ...	30.25	?	Z	0	0	29.97	— .29	50	34	— 4	SS	3	0c	6	55	43	—	
Corunna ...	*	*	*	*	*			*	*						*	*	*	
Brussels ...	*	*	*	*	*	30.00	+ .28	33	33	— 7	SSN	1	0	*	43	33	—	
Charleville ...	*	*	*	*	*			*	*						*	*	*	
Paris ...	30.06	41	?	2	0	29.99	+ .08	36	36	— 5	N	3	0	*	*	*	—	
Lyons ...	*	*	*	*	*	30.09	— .07	39	*	0	S	1	0	*	*	*	*	
Toulon ...	30.09	46	NN	5	0	30.09	— .03	45	37	0	N	2	0	3	34	39	—	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.67	38	38	SE	8	0	6	Valencia	29.86	38	43	NNN	1	bm	1
Thurso	29.44	38	37	SH	2	0	2	Scilly	29.91	45	43	NNN	5	cp	7
Scarborough ...	29.57	43	41	NNN	2	0	2	London	29.76	46	43	NNN	4.	0	*
Mullaghmore ...	29.74	45	42	NSTN	5	0	5	Rochefort ...	30.15	52	48	N	4	bc	3
Holyhead	29.75	43	40	N	5	0	4								

The barometer is higher at all stations than it was at 8 a.m. and the wind has veered to the N.W. on our S. and S.W. coast. At Valencia the mercury has ceased rising since noon.

Mullaghmore	29.78	40	SH	5	0	29.89	+ .35	36	35	— 9	ESE	4	0c	4	46	35	—
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EXPLANATION OF COLUMNS

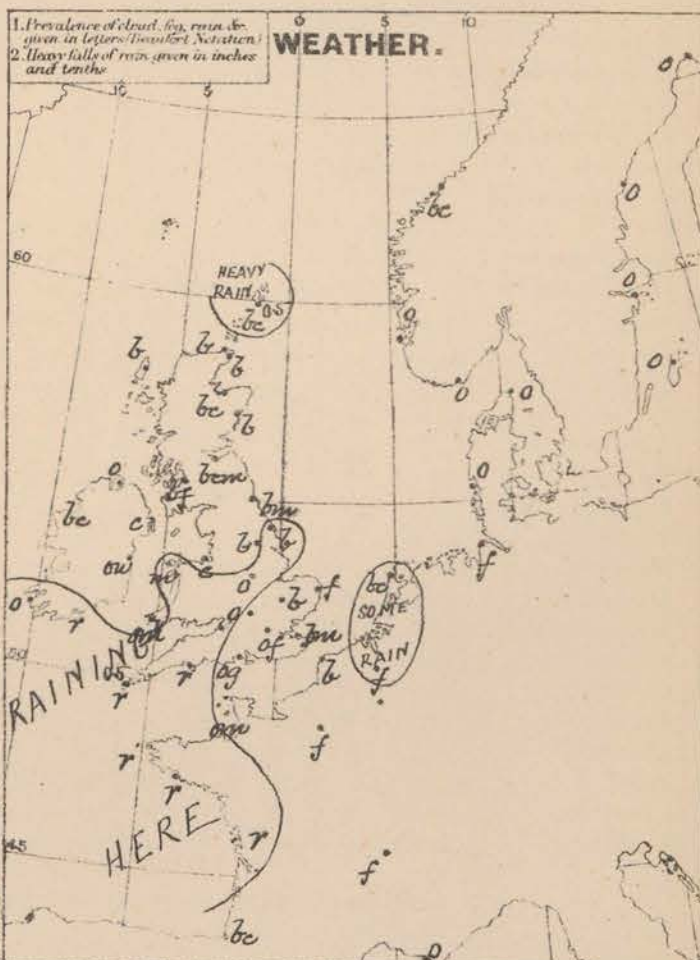
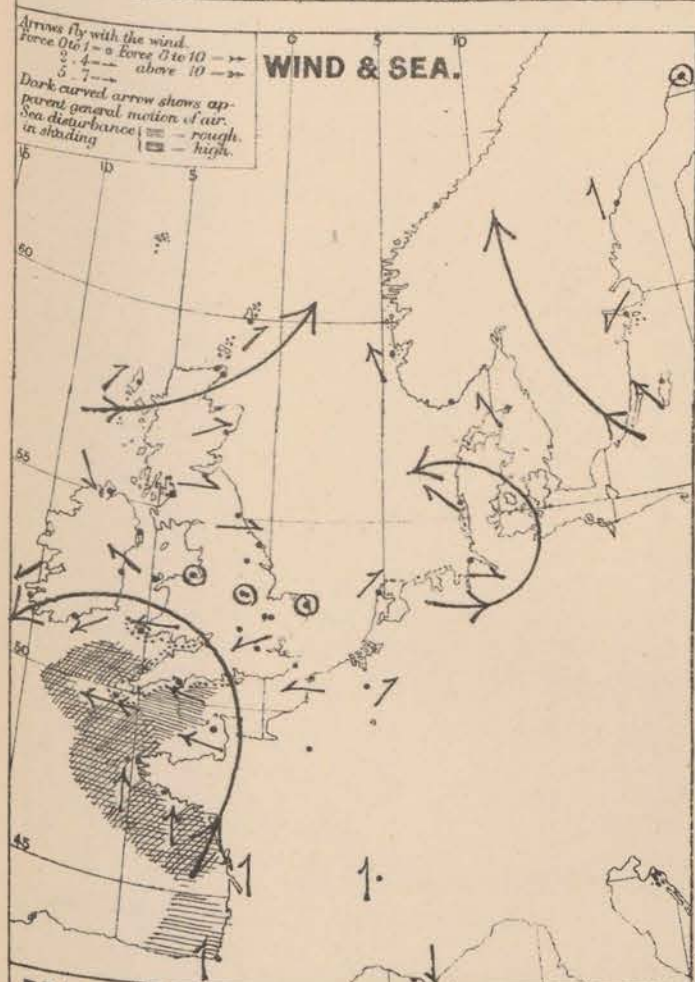
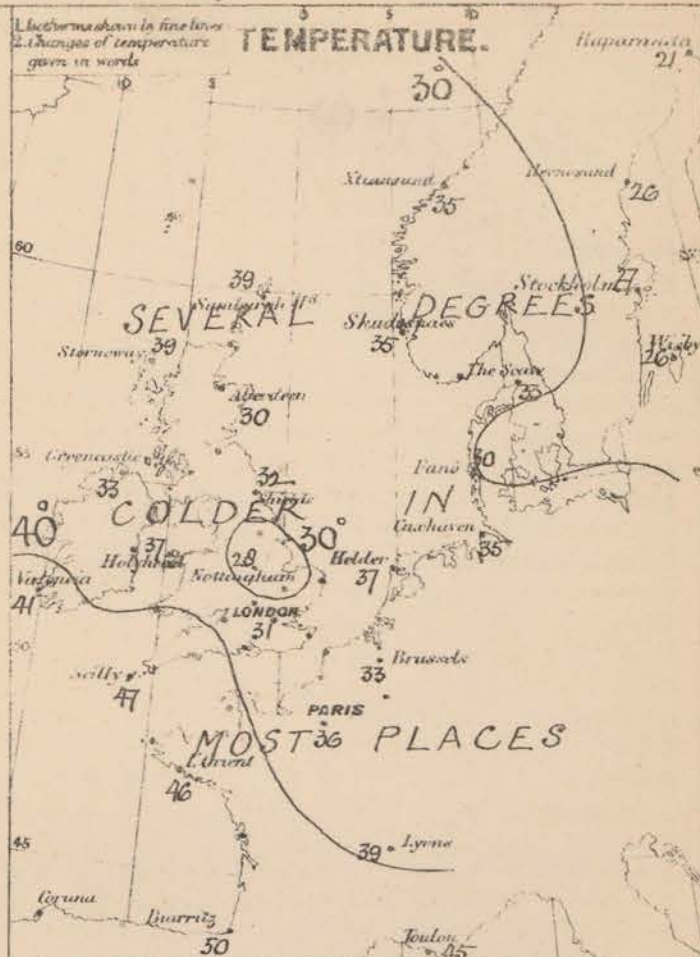
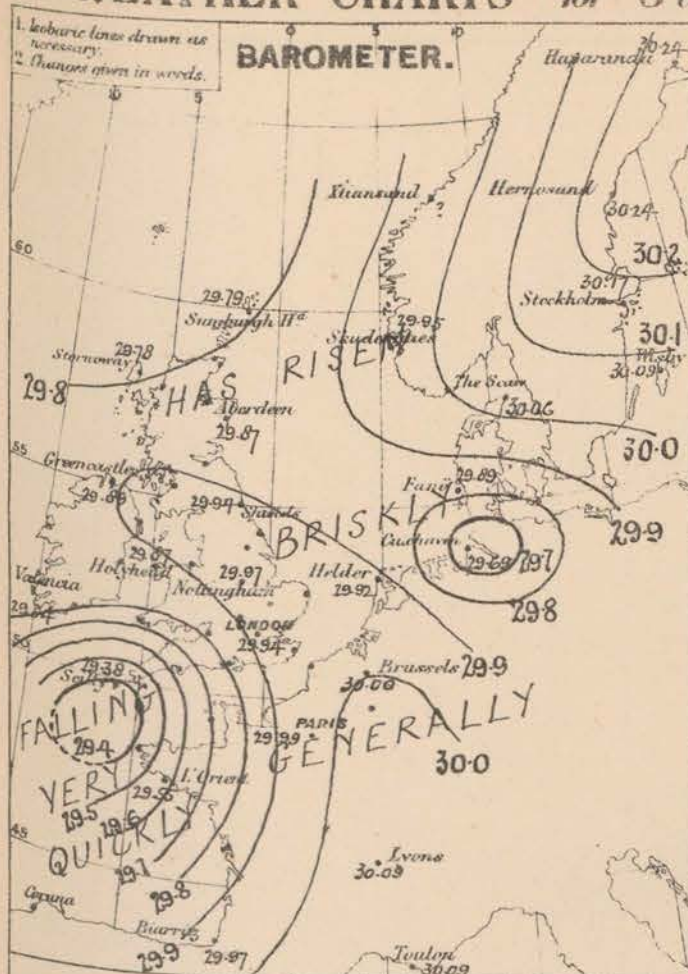
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 16th JAN^y 1879



Admitted since has been drawn round. There consists of four which the 9 goals have

REMARKS. Weather over the United Kingdom is very variable. It is clear and bright at our W and NE stations, overcast and hazy or foggy in the W and S, very rainy at the mouth of the Channel and in the W of France. More than half an inch of rain has fallen at Scilly since yesterday, and a much smaller quantity at our other W and S stations. A halo and double corona were seen in the W of Ireland last night. Temperature has fallen fast over the United Kingdom, and fast again, for a while over Central England, where at Scilly the thermometer stands at 27°. The lowest of the eight minima reported this morning are 27° at Gt. Y., and 28° in London. Wind varies greatly. It is strong light from W or NW on our N and E coasts, but is E in the Channel, and blows strongly at Pouldu Point and Jersey, and a very severe gale at Scilly. In the W of France the wind is fresh from the S. Sea is "high" at Scilly, and off the NW of France, rather rough at Pouldu Point, moderate in the W and S, and the E. Barometrical indication. In the course of the past 24 hours the barometer has risen considerably on all our N and E coasts, and readings in those regions have become rather uniform. A small depression lies near the mouth of the Elbe, and during the night so small disturbances, with very steep gradients round it, has reached the mouth of the Channel, causing a fall of 0.6 mm. in the morning at Brest. The disturbance appears now to be moving SE, as the barometer has begun to rise fast on our SW coasts. Warnings. The Smith Case was again hoisted on our SW coasts last evening.

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. M. SCOTT.

Supervisory

DAILY WEATHER REPORT

JAN 17th

1879.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY										PAST 24 HOURS		
	Barometer at 35° F. and Sea Level.	Temp. in shade.	WIND.			Barometer at 35° F. and Sea Level.	SHADE TEMP.			WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	SHADE TEMP.			Max.	Min.	Amount of Rainfall.
			Dir.	Force (0 to 12).	° each.		Dry.	Wet.	Difference from 8 a.m. yesterday.										
Haparanda ...	30.33	21	NE	4	0	30.42	+ .18	19	19	- 2	NE	2	0	*	21	19	-		
Hernösand ...	30.30	24	SE	2	0	30.38	+ .14	15	15	- 11	Z	0	0c	*	*	*	-		
Stockholm ...	30.26	28	NE	2	0	30.31	+ .14	26	26	- 1	NE	4	0	*	*	*	-		
Wisby ...	30.08	31	SE	4	0	30.12	+ .03	28	27	+ 2	S	6	8	*	*	*	0.04		
Christiansund ...	30.11	35	ESE	1	0	30.28	?	32	31	- 3	ESE	1	c	4	36	28	-		
Skudesnaes ...	30.17	36	ESE	4	0	30.30	+ .35	35	30	0	ESE	4	0	3	37	?	-		
Oxö (Xtiansand) ...	30.15	34	ENE	4	0	30.30	+ .30	30	30	- 4	NNE	4	0	3	?	28	0.04		
Skagen (The Scau) ...																			
Fano ...																			
Cuxhaven ...	29.98	35	E	1	0	30.17	+ .48	31	31	- 4	ESE	3	0	*	?	28	-		
Sumburgh Head ...	29.99	38	Z	0	0	30.15	+ .36	39	37	0	SSE	2	0c	3	43	35	-		
Stornoway ...	29.94	37	S	2	0	29.99	+ .21	38	36	- 1	ESE	3	0	2	40	34	0.02		
Thurso ...	30.00	30	SSE	1	0	30.12	+ .29	29	29	- 3	Z	0	0c	2	37	26	-		
Wick ...	30.01	32	Y	0	0	30.10	+ .26	38	37	+ 4	S	4	0	3	43	27	-		
Nairn ...	30.01	35	Y	0	0	30.11	+ .26	25	25	- 10	Y	0	0	1	38	24	-		
Aberdeen ...	30.03	33	Y	0	0	30.19	+ .32	25	25	- 5	Y	0	0	2	37	25	-		
Leith ...	30.05	37	Y	2	0	30.16	+ .28	23	23	- 11	ESE	1	0m	*	41	22	-		
Shields ...	30.06	37	NNH	1	0	30.22	+ .28	33	31	+ 1	Y	0	f	2	37	30	-		
Scarborough ...	30.03	38	NNH	1	0	30.21	+ .27	38	37	+ 1	NNH	1	0f	2	41	26	-		
York ...	30.03	32	NNH	1	0	30.22	+ .26	29	29	+ 1	N	1	0	*	36	25	-		
Nottingham ...	30.08	33	N	2	0	30.24	+ .27	27	27	- 1	Z	0	0f	*	37	23	-		
Ardrossan ...	30.06	34	E	1	0	30.12	+ .21	29	28	- 8	ENE	2	0m	1	41	28	-		
Greenacastle ...	30.02	33	N	1	0	29.98	+ .09	39	36	+ 6	SE	3	0	*	45	30	0.01		
Donaghadee ...	30.08	37	SE	3	0	30.10	+ .16	40	40	+ 9	SE	5	0c	4	40	29	0.01		
Kingstown ...	30.05	39	ESE	1	0	29.97	+ .09	40	38	- 1	SSE	5	c	4	46	36	-		
Holyhead ...	30.04	37	E	2	0	30.12	+ .25	31	30	- 6	SE	1	0	1	39	31	-		
Liverpool (Bidston) ...	30.07	37	ENE	1	0c	30.19	+ .26	26	25	- 6	ESE	2	0	1	39	25	-		
Valencia ...	29.97	42	E	1	0	29.77	- .07	47	46	+ 6	SE	8	0m	7	48	39	0.05		
Roche's Point ...	29.98	40	ENE	3	0c	29.91	+ .14	45	44	+ 5	SSE	6	0p	5	45	40	0.15		
Pembroke ...	30.00	39	ENE	3	0	30.09	+ .34	39	38	- 1	SE	5	0w	4	42	34	-		
Portishead ...																			
Scilly ...	29.91	46	NE	6	0	30.06	+ .68	47	45	0	SSE	6	0	6	48	44	0.05		
Tranke Point ...	29.86	40	ENE	6	0	30.17	+ .52	41	40	- 2	ESE	4	0	4	43	36	0.05		
Hurst Castle ...	29.89	39	ENE	4	0	30.20	+ .38	34	33	- 5	SE	2	0m	3	41	32	0.01		
Dover ...	29.96	39	E	3	0	30.21	+ .24	34	33	+ 1	N	3	0f	1	41	32	-		
London ...	29.99	37	ENE	2	0	30.21	+ .27	33	32	+ 2	Y	0	0f	*	39	31	-		
Oxford ...	30.01	34	Y	0	0	30.22	+ .31	28	28	- 5	Y	0	f	*	39	28	-		
Cambridge ...	30.02	34	NE	1	0	30.23	+ .28	30	30	+ 1	Y	1	0	*	40	25	-		
Yarmouth ...	30.01	36	Y	0	0	30.19	+ .24	37	36	+ 5	NNH	1	f	1	37	31	0.01		
The Helder ...	*	*	*	*	*	30.08	+ .16	37	37	0	NNH	2	0	*	*	*	-		
Cape Gris Nez ...	29.94	?	E	4	f	30.19	+ .24	37	36	+ 3	NE	3	0	3	39	32	-		
Jersey ...	29.79	41	ENE	5	0c	30.19	+ .49	39	38	- 4	E	3	0m	3	44	38	0.05		
Brest ...	29.85	30	NE	4	0	30.15	+ .74	43	41	- 5	SSE	3	0	5	?	39	0.16		
L'Orient ...	29.69	46	N	4	0	30.20	+ .65	39	39	- 7	E	2	0m	5	32	37	0.43		
Roche fort ...	29.62	50	N	8	f	30.17	+ .31	46	45	+ 1	NNE	2	0	3	63	37	0.43		
Biarritz ...	29.99	52	NNH	6	c	30.19	+ .22	52	48	+ 3	NNH	4	0	5	59	46	-		
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	30.18	+ .18	30	30	- 3	Z	0	f	*	37	29	-		
Charleville ...	*	*	*	*	*	30.10	?	33	*		ENE	1	c	*	*	*	-		
Paris ...	29.86	41	?	3	0	30.21	+ .22	33	33	- 3	?	2	0	*	*	*	-		
Lyons ...	*	*	*	*	*	30.07	- .02	41	*	+ 2	S	2	?	*	*	*	-		
Toulon ...	30.01	46	Z	0	0	29.97	- .12	43	43	- 2	E	4	0	3	50	41	0.39		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry	Wet.	Wind	Wes.	Sea		
Skudesnaes ..	30.08	37	33	SE	4	0	3	Valencia	29.95	47	42	SE	1	c	2
Thurso	29.94	36	35	SSE	1	0	2	Scilly	29.74	46	45	NE	9	+	8
Scarborough ..	29.99	41	38	NNH	1	0f	2	London	29.72	39	38	ENE	3	c	*
Mullaghmore ..	29.97	44	40	SE	2	0	2	Roche fort ...	29.74	50	48	NNH	8	+	7
Holyhead ...	29.97	39	37	E	3	0	2								

The depression noticed in the S.H. this morning is moving SE^{wd} over France and apparently "filling up". The wind has backed to NE at Scilly and still blows a strong gale.

Mullaghmore	29.99	40	SE	4	0	29.88	- .01	40	38	+ 4	SE	7	0w	4	45	36	-
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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. mist (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dr.

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

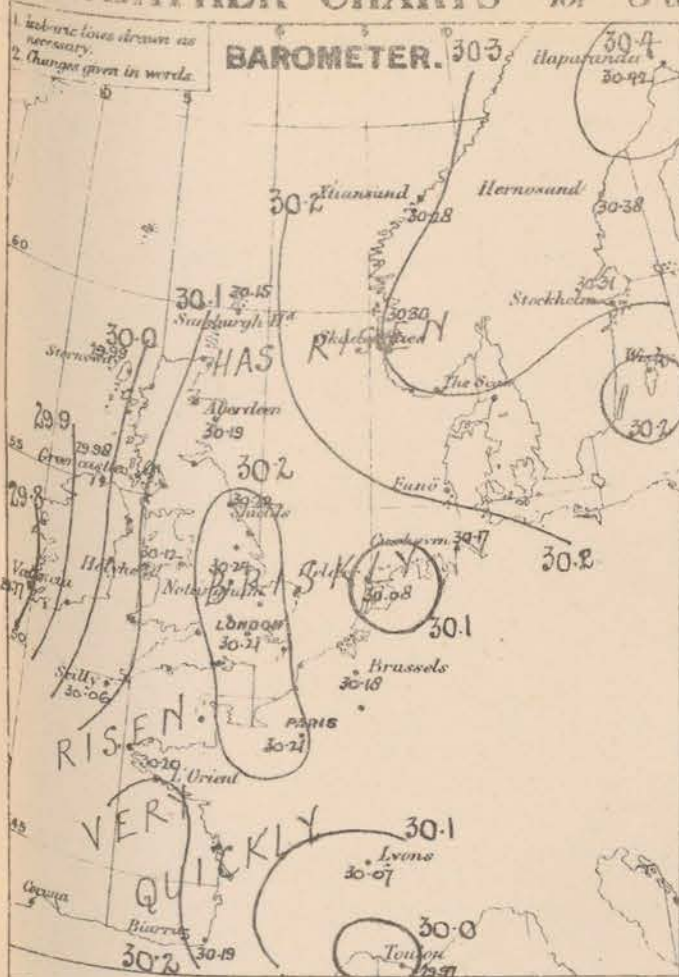
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Friday 17th JAN^y 1879.

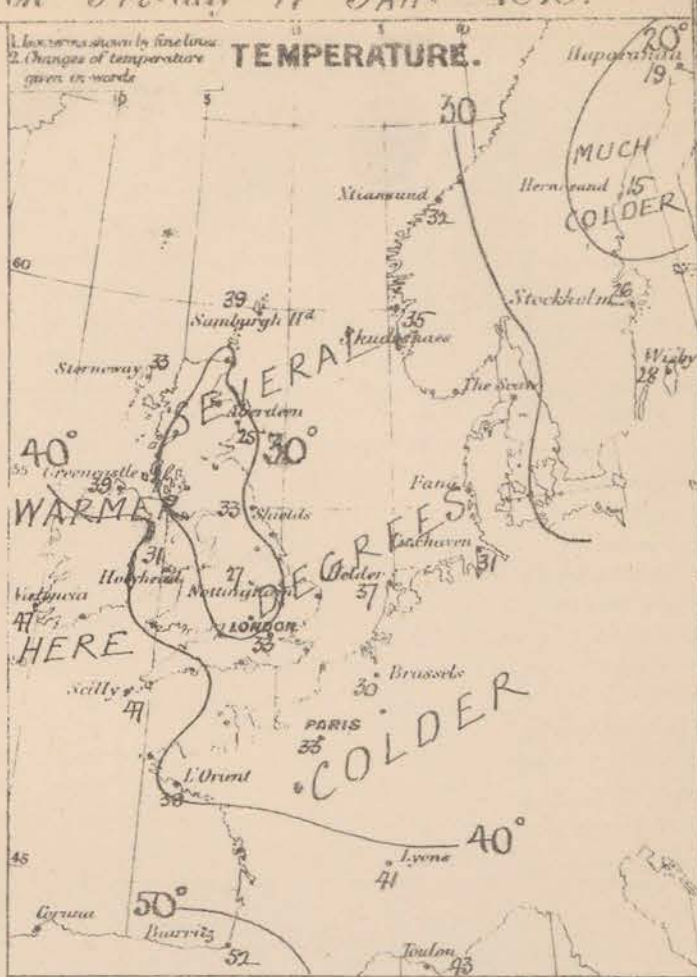
1. Isobars lines drawn as necessary.
2. Changes given in words.

BAROMETER.



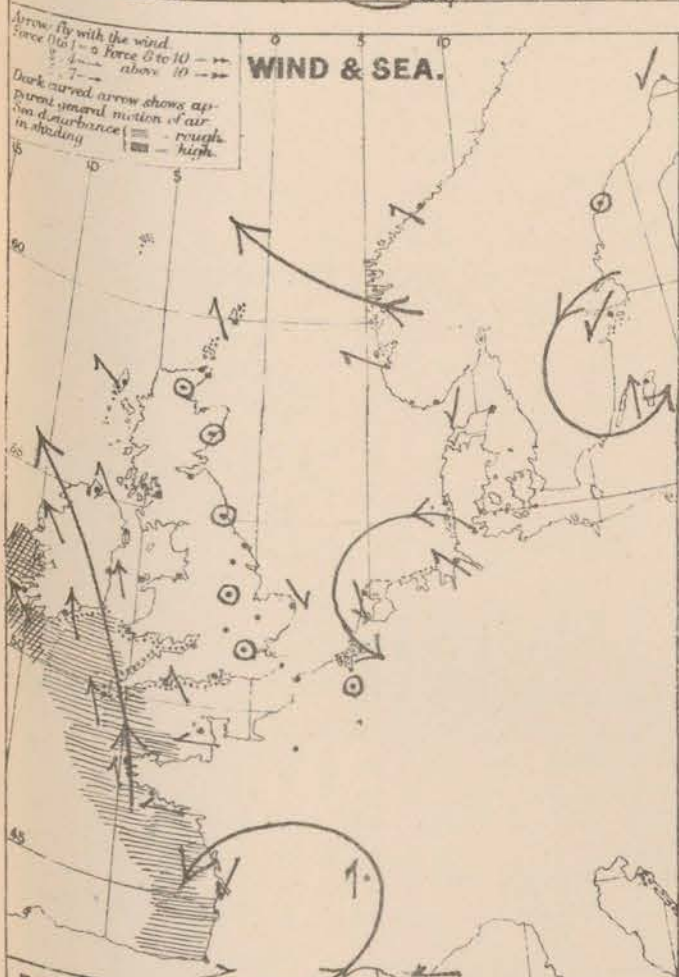
1. Isobars shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



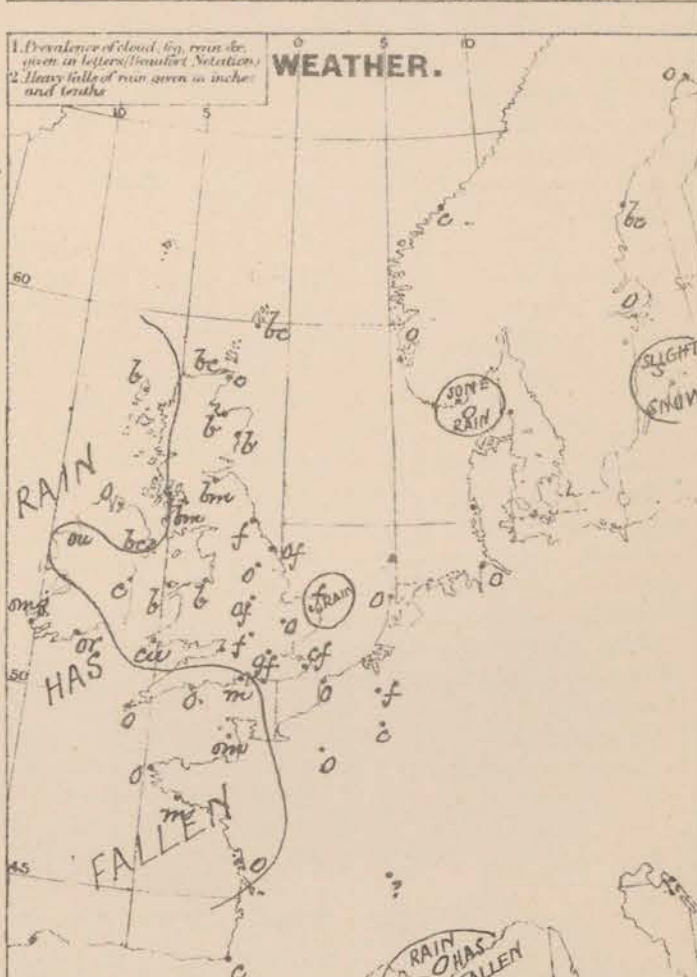
1. Force (to 1) = a force 2 to 10.
2. Force (to 1) = a force 2 to 10.

WIND & SEA.



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

WEATHER.



REMARKS. Weather is still very changeable in our islands and shores. At our own N^o stations, indeed, the sky remains clear and bright, but thick fogs prevail in the E and SE (notably in London), in the W. the sky is overcast, and rain is falling at Rock's Point. Rain fell on our SW. coasts, and in the W. of France yesterday, the largest amount reported being 0.4 in at Orient and Rochefort. A solar halo was seen at Nottingham. Temperature has risen several degrees in the W. fallen elsewhere. A smart frost again prevails over Scotland, and the N. of England this morning, the temperature at Leeds being as low as 23°, or 24° lower than at Valencia and Scilly. Wind has risen to SE again at our W. stations, and is increasing in force. It already blows a fresh gale at Valencia, and a strong breeze at the mouth of the Ganges. Variable winds and calms prevail over the greater of England and Scotland at present, and variable breezes in France. Sea is high at Valencia, rough at Scilly, and in the Bay of Biscay, moderate or slight elsewhere. Barometrical indications. The depression which off our SW. coasts yesterday has reached the S. of France, having become nearly filled up in its passage SE. A new depression has appeared off the W. of Ireland this morning, and the morning is falling fast on our SW. coasts.

Hannings. The Smiths Cove is still up at our SW. stations.

DAILY WEATHER REPORT

JAN 18TH 1879.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PART		
	Barometer at 370 P. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer at 320 P. and Sea Level.	SHADE TEMP.		WIND.		Weather.	Sea. (0 to 9.)	SHADE		Amount of Rainfall.				
			Direc.	Force. (0 to 12).			Dry.	Wet.	Direc.	Force. (0 to 12).			Max.	Min.					
																Difference from 8 a.m. yesterday.	Difference from 8 a.m. yesterday.		
Haparanda	30.61	19	Z	0	0	30.57	+0.9	19	19	0	Z	0	?	*	19	18	-		
Hiernösand	30.50	15	Z	0	0	30.50	+1.2	20	20	+5	Z	0	0	*	*	*	-		
Stockholm	30.42	17	NNE	2	0	30.49	+1.8	27	26	+1	NNE	2	0	*	*	*	-		
Wisby	30.26	29	NE	6	6	30.35	+2.3	30	26	+2	ESE	6	0	*	*	*	-		
Christiansund	30.35	34	ESE	2	0	30.35	+0.7	33	29	+1	S	3	0	4	34	23	-		
Skudesnaes	30.39	35	ESE	4	0	30.38	+0.8	33	29	-2	SE	8	0	5	36	?	-		
Oxö (Xtiansand)	30.43	30	NNE	4	0	30.43	+1.3	31	29	+1	E	6	0	3	?	27	-		
Skagen (The Seaw)														*					
Fanö														*					
Cuxhaven	30.31	33	NE	1	6	30.29	+1.2	30	29	-1	ENE	2	6	*	?	28	-		
Sumburgh Head	30.15	39	SSE	7	0	30.01	-1.4	39	37	0	SSE	7	0	6	41	36	-		
Stornoway	29.75	43	SE	6	0	29.73	-2.6	40	40	+2	SE	6	0	5	43	39	0.43		
Thurso	30.03	38	SE	4	0	29.88	-2.4	38	?	+9	SE	7	60	6	39	28	?		
Wick	30.03	40	S	6	0	29.91	-1.9	39	37	+1	SSE	8	0	7	42	37	-		
Nairn	29.98	38	W	2	0	29.87	-2.4	37	35	+12	W	4	09	2	39	25	-		
Aberdeen	30.13	39	SSE	5	0	29.98	-2.1	38	36	+13	S	8	09	7	40	25	0.01		
Leith	30.02	38	SE	4	0	29.89	-2.7	35	35	+12	SE	4	7	3	39	22	0.06		
Shields	30.19	39	S	3	0	30.02	-2.0	38	35	+5	SE	6	0	3	40	33	-		
Scarborough	30.22	38	S	1	0	30.03	-1.8	37	36	-1	SSE	5	0	4	40	36	-		
York	30.19	37	NT	1	0	30.00	-2.2	36	35	+7	S	3	0	*	37	28	-		
Nottingham	30.22	33	SE	1	60	29.98	-2.6	33	33	+6	SE	2	5	*	35	27	0.08		
Ardrossan	29.99	37	E	3	0	29.88	-2.4	34	33	+5	SE	2	8	2	40	29	0.68		
Greencastle	29.75	40	SW	5	0	29.76	-2.2	39	38	0	SW	1	0	*	45	38	0.31		
Donaghadee	29.90	40	SSE	6	60	29.82	-2.8	40	?	0	S	2	7	2	43	39	0.86		
Kingstown	29.88	41	SSE	7	7	29.82	-1.5	45	43	+5	W	4	0	4	45	38	0.47		
Holyhead	29.96	38	SSE	3	0	29.82	-3.0	43	42	+12	SW	2	d	1	44	31	0.42		
Liverpool (Hdston)	30.08	34	ESE	4	0	29.89	-3.0	34	34	+8	ESE	4	7	3	36	28	0.45		
Valencia	29.55	32	SSE	7	7	29.86	+0.9	40	40	-4	SW	2	0	3	52	42	0.80		
Roche's Point	29.67	46	SSE	8	7	29.87	-1.0	41	39	-4	W	2	6	4	49	40	0.95		
Pembroke	29.96	42	SE	7	0	29.87	-2.2	45	43	-6	W	5	0	7	46	37	0.75		
Portishead																			
Scilly	29.91	49	SSE	7	0	29.97	-0.9	49	47	+2	W	5	60	6	52	42	0.44		
Trawle Pt	30.10	41	ESE	4	0	29.93	-2.4	45	44	+4	W	4	60	4	49	39	0.29		
Hurst Castle	30.18	38	SE	4	0	29.89	-3.1	41	41	+7	SSE	4	7	4	42	34	0.50		
Dover	30.24	38	NNE	2	60	30.07	-1.4	35	34	+1	SSE	4	0	3	40	33	-		
London	30.25	35	SE	2	0	30.00	-2.1	34	33	+1	SE	2	05	*	39	31	0.16		
Oxford	30.20	33	SE	1	0	29.96	-2.6	34	34	+6	SE	1	78	*	36	28	0.72		
Cambridge	30.22	32	E	1	0	30.00	-2.3	35	34	+5	SE	1	0	*	37	29	-		
Yarmouth	30.24	36	ENE	4	0	30.10	-0.9	36	35	-1	SE	5	09	4	38	34	-		
The Helder	*	*	*	*	*	30.22	+1.4	31	30	-6	ESE	1	0	*	*	*	-		
Cape Gris Nez	30.23	37	SSE	1	0	30.03	-1.6	32	30	-5	ESE	4	0	2	39	30	-		
Jersey	30.17	38	SSE	4	0	29.98	-2.1	44	44	+5	W	2	77	2	44	37	0.52		
Brest	30.05	46	S	4	0	30.03	-1.2	48	45	+5	NT	3	6	5	?	41	0.47		
L'Orient	30.16	41	SE	3	7	30.05	-1.5	48	48	+9	NT	3	0	5	52	37	0.35		
Rochefort	30.20	48	SE	2	0	30.10	-0.7	50	50	+4	SW	5	7	3	55	39	0.24		
Biarritz	30.21	54	Z	0	0	30.14	-0.5	55	50	+3	SSE	2	0	3	59	48	-		
Corunna	*	*	*	*	*									*	*	*			
Brussels	*	*	*	*	*	30.17	-0.1	32	31	+2	SSE	1	60	*	35	31	-		
Charleville	*	*	*	*	*	30.15	+0.5	28	*	-5	SE	1	8	*	*	*			
Paris	30.30	32	?	2	0	30.13	-0.8	33	32	0	?	2	0	*	*	*	-		
Lyons	*	*	*	*	*	30.31	+2.4	41	*	0	NT	2	0	*	*	*			
Toulon	30.03	45	NT	4	6	30.14	+1.8	43	41	0	Z	0	60	2	46	39	-		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...	30.37	34	30	E	4	0	3	Valencia	29.62	50	49	SE	8	7
Thurso	30.08	38	30	SE	3	6	2	Scilly	29.97	47	47	SSE	7	6
Scarborough ...	30.22	39	38	S	1	0	2	London	30.24	35	34	Z	0	7
Mullaghmore ...	29.70	44	42	SSE	9	0	6	Rochefort ...	30.20	46	45	ENE	1	3
Holyhead	30.06	39	36	SSE	2	0	1							

The barometer is still falling in the str. of our Islands. The SE. gale is extending to an other SW. count, with rain, and a very rough sea.

Mullaghmore	29.71	43	42	SSE	10	7	29.75	-1.0	42	40	+2	SW	5	3	41	28	39	0.28
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EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christians 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 and the rose, and to "back" when it shifts in the opposite direction.

SUMMARY OF WEATHER IN WESTERN EUROPE

from JAN^y 12th to JAN^y 18th 1879.

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

The weather during this week has changed considerably. On Sunday morning it was very cold in the E. and SE, but in the W. a S^W wind and rise of temperature were in progress, which subsequently extended briskly to all our stations. On Monday and Tuesday depressions continued to pass N^W or NNE^W along our W^m coast, and S^W to SW^W winds prevailed generally, rising on some occasions to the force of a gale, with comparatively warm weather. On Wednesday, the motion of the areas of low pressure suddenly changed to a SE^W direction from our W^m coast over the North Sea towards North Germany, the winds veered towards ^{N. and} N^W, and temperature fell. On Thursday, a deep depression advanced to our SW^m coast, pressure now over the W^m parts of our area and E^W winds with cold weather prevailed over us all day. This depression also moved SE^W. On Friday another change commenced, a small anticyclone was formed over E^W England occasioning fog and frost, while a fresh disturbance approaching our W^m coast was bringing S^W winds and higher temperatures and travelling in a NNE^W direction. This change essentially spread E^W and N^W and on Friday evening and Saturday S^W to SSE^W winds were reported, blowing a gale at times in the W. and N., while a slight thaw set in over the country accompanied by heavy sleet and snow.

SUNDAY JAN^y 12th

Weather wet and dull in the SW., and dull over France and Scandinavia, fine at most of our stations. Snow and sleet falling generally during day.

Temperatures risen fast in the SW., fallen in NW. of France, Central and southern England and North Germany; readings varying from 46° at Talencia to 17° at Oxford and Nottingham and 10° at Cuckmere. Rise of temperature in SW. spreading quickly. Hurst Castle 18° warmer at 6 P.M. than at 8 a.m.

Wind fresh to strong S^W in the W., fresh E^W over Scandinavia, very light N^W on our E. coast. The S^W wind subsequently extending E^W, blowing a hard gale at Scilly, and strongly over Ireland and Scotland.

Sea "rough" in SW. and W., "high" at Coruna and the Sker.

Barometer fallen slightly at Talencia, risen in all other places, very rapidly in the NW. of France and the Channel Isles. Readings high over the Bay of Biscay, and also over the Gulf of Bothnia, low off Talencia, fall in W. spreading E^W during day.

MONDAY JAN^y 13th

Weather clear in many parts of Ireland and Scotland, dull elsewhere, with rain in the SE. and fog in several places. Rain falling later except in the NE. Evening very clear in N. and E., foggy in S.

Temperatures risen considerably everywhere, the change exceeding 20° over S^W England. Readings at 8 a.m. varying from 51° at Scilly to 35° at Wick. Maximum exceeding 55° in SW. and reaching 48° in London.

Wind SW^W to W^W on most of our coast and over the N. of France, but SSE^W in the W. of Norway, and the Shetlands; fresh in force at some of the SW^m and W^m stations, and blowing a gale at Skudesnæs and Sumburg Head.

Sea "rough" in the SW., high off the Shetlands.

Barometer falling in N. and E. of the British Isles, rising in the SW., and over the greater part of the Continent. Readings high over Central France and England, low off Ireland. Pressure unsteady and beginning to give way in SW. during day.

TUESDAY JAN^y 14th

Weather fine in the extreme NE. of Scotland, as well as in the SW. and S. of France, dull elsewhere, with rain at some of the W^m stations, fog and mist in several places, especially in the E. Rain fell generally during day, heaviest in S.

Temperatures higher than on the 13th at most stations, varying over these Islands from 52° at Scilly to 37° in the east of England. The range of temperature was slight during following day and night.

Wind S^W over these Islands and France, SE^W over Scandinavia; fresh to strong in force except in the E. and subsequently increasing to a fresh gale at Mullaghmore and to a strong breeze in SE.

Sea "rough" or "rather so" in the N. and SW. and high off Brittany

Barometer falling except over Scandinavia - most off our SW. coast. Readings high over the SE. of France and the Baltic, lowest off our NW. coasts. Pressure giving way all day.

WEDNESDAY JAN. 15th

Weather varying considerably in different localities; very changeable over the United Kingdom during the day. Rain fell during the day or night over the NW., SW., and Central stations, but scarcely any occurred elsewhere.

Temperature fallen several degrees over these Islands and the NW. of France, risen over the greater part of the Continent; varying from 46° at Seilly to 34° at Thiers. Slight frost over Central England at night.

Winds NW. over Ireland, England and France, and S. to SE. over the North Sea, calms over Scotland. E. breeze appearing at Valencia at night. No other change of importance.

Sea "high" in the SW., rough in the N. and S.

Barometer after a general fall beginning to recover again over these Islands and France. Large depression over N. Britain and the North Sea, gradients steep to E. and S. Slight decrease at Valencia at night.

THURSDAY JAN. 16th

Weather fine in N. and NE., overcast in N., rain at all SW. stations. Weather exceedingly fine in the evening except in the N. of France. No rain except in N. and SW.

Temperature lower than on 15th in most places - especially over Central England, varying from 47° at Seilly to 25° at Nottingham and York. Sharp frost at inland stations at night.

Winds variable, very light SW. to NW. in the N. and E., E. in the N. and SW., S. over Bay of Biscay. Fresh or strong at the SW. stations and blowing a severe gale at Seilly. This gale ended 4 p.m. but W. gale sprang up over N. France. Sea "high" at the mouth of the Channel and round the N. coast of France.

Barometer fallen fast in the SW., and slightly at all the French stations, but risen briskly over the greater part of these Islands. Deep depression in the SW. moving SE. Rise continuing all day.

FRIDAY JAN. 17th

Weather variable; still clear at the N. and NW. stations, much clouded elsewhere, with thick fog in SE. Fog very dense in London later in day. Rain falling subsequently except in Scotland and on the E. coast of England.

Temperature risen Ireland, fallen several degrees elsewhere; varying from 47° in SW. to 23° at Seilly. Thermometer rising steadily all day over the whole country.

Winds S. to SE. over Ireland and the N. of Great Britain, strong generally and reaching a gale at Valencia. Light air and calms prevailing in the E. S. winds becoming general later and increasing in force in the N.

Sea "high" N. of Ireland, rough in the Bay of Biscay and on our SW. coast.

Barometer falling briskly N. rising E. Anticyclone over England and new depression appearing to the N. of Ireland and travelling NNE., while yesterday's disturbance was disappearing over Mediterranean. Fall of barometer spreading E. and N. during the day.

SATURDAY JAN. 18th

Weather fair in SW., dull or cloudy elsewhere, with a gloomy appearance in the E., much rain, snow and sleet over the inland parts of England. Snow showers over England and the E. of Scotland during day.

Temperature fallen S. Ireland, risen several degrees on our NE. coasts and slightly elsewhere, varying from 49° at Seilly to 33° at Nottingham. No extremes of importance.

Winds NW. over Britain, and W. on our SW. coasts, S. to SSE. elsewhere, moderate or fresh in force in most places, but reaching a gale in the NE. of Scotland.

Sea "high" off the NE. coast of Scotland, rough on our other N. coasts and in the SW.

Barometer recovering briskly at our extreme N. and SW. stations, and rising slowly over Scandinavia, falling elsewhere. Readings high over Gulf of Bothnia and SE. of France, low off the N. of Scotland. Barometer still rising everywhere at night.

Meteorological Office,

116 Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT

JAN 19TH

1879.

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.			
			Dirco.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	30.45	23	SE	2	0	30.36	17	16	-2	STY	2	0	*	28	14	1			
Hernösand ...	30.51	23	N	2	0	30.47	14	14	-6	Z	0	0	*	*	*	1			
Stockholm ...	30.53	24	Z	0	0	30.44	18	17	-9	N	2	0	*	*	*	1			
Wisby ...	30.43	29	E	4	0	30.39	30	28	0	NNE	6	0	*	*	*	1			
Christiansund ...	30.50	32	S	1	0	30.59	31	30	-2	ESE	2	0	4	36	23	1			
Skudesnaes ...	30.51	33	ESE	6	0	30.59	28	26	-5	ENE	1	0	3	34	?	1			
Oxö (Xiänsand) ...	30.52	30	NNE	6	0	30.56	30	28	-1	N	4	0	2	32	28	1			
Skagen (The Seaw) ...	30.52	31	ESE	3	0	30.55	31	30	+2	Z	0	0	0	32	25	1			
Fanö ...	30.43	30	ENE	4	0	30.52	30	29	0	ENE	4	0	*	30	25	1			
Cuxhaven ...	30.34	32	E	2	0	30.49	31	30	+1	E	2	0	*	?	27	1			
Sumburgh Head ...	30.23	39	SSE	7	0	30.40	38	36	-1	SSE	5	0	6	42	35	0.01			
Stornoway ...	30.03	43	SSE	4	0	30.17	40	38	0	SSE	6	0	4	43	36	1			
Thurso ...	30.15	38	SE	4	0	30.29	35	33	-3	SE	5	0	3	39	31	0.01			
Wick ...	30.16	39	S	9	0	30.31	37	35	-2	S	7	0	7	40	35	1			
Nairn ...	30.12	35	STY	1	0	30.29	32	31	-5	SSE	4	0	2	40	31	1			
Aberdeen ...	30.21	38	SSE	7	0	30.40	37	34	-1	SSE	4	0	4	39	35	0.12			
Leith ...	30.15	35	SE	1	0	30.34	35	34	0	SE	3	0	*	37	34	0.17			
Shields ...	30.19	37	S	2	0	30.40	36	33	-2	Z	0	0	4	38	35	0.04			
Scarborough ...	30.19	38	SE	5	0	30.40	36	34	-1	SE	4	0	4	38	36	1			
York ...	30.13	36	ESE	1	0	30.42	34	33	-2	E	1	0	*	37	33	0.21			
Nottingham ...	30.14	33	ESE	2	0	30.39	31	30	-2	SE	1	0	*	35	31	0.44			
Ardrossan ...	30.13	35	NE	1	0	30.32	34	32	0	ESE	2	0	2	37	34	0.11			
Greencastle ...	30.03	40	NE	1	0	30.15	38	35	-1	SE	3	0	*	48	36	1			
Donaghadee ...	30.12	40	SE	5	0	30.26	37	35	-3	SE	6	0	5	43	36	0.01			
Kingstown ...	30.07	43	N	2	0	30.19	39	37	-6	SSE	6	0	5	46	38	1			
Holyhead ...	30.06	42	NNN	2	0	30.24	34	33	-9	ESE	4	0	3	46	34	0.04			
Liverpool (Midston) ...	30.10	33	E	2	0	30.32	32	30	-2	E	2	0	1	34	32	0.33			
Valencia ...	30.02	43	E	2	0	29.90	47	44	+4	ESE	8	0	7	57	41	0.01			
Roche's Point ...	30.08	42	N	2	0	30.07	44	42	+3	SE	7	0	5	47	40	1			
Pembroke ...	30.07	43	NN	1	0	30.20	36	34	-9	ESE	6	0	6	46	36	1			
Portishead ...																			
Scilly ...	30.10	49	NNN	5	0	30.12	46	44	-3	ESE	6	0	7	52	44	1			
Prawle Point ...	30.06	40	NNN	3	0	30.22	36	36	-9	ENE	5	0	4	50	35	1			
Hurst Castle ...	30.01	41	N	1	0	30.25	36	34	-5	ENE	4	0	5	47	34	0.11			
Dover ...	30.04	35	STY	4	0	30.31	36	34	+1	ENE	4	0	4	37	34	0.22			
London ...	30.06	35	ENE	2	0	30.29	33	32	-1	ENE	3	0	*	36	32	0.43			
Oxford ...	30.07	33	Z	0	1	30.31	32	32	-2	E	2	0	*	34	32	0.49			
Cambridge ...	30.10	33	E	1	5	30.35	32	31	-3	E	1	0	*	36	30	0.28			
Yarmouth ...	30.12	35	E	4	0	30.35	34	32	-2	ENE	5	0	5	36	32	1			
The Helder ...	*	*	*	*	*	30.36	28	24	-3	ENE	2	0	*	*	*	1			
Cape Gris Nez ...	30.03	32	E	3	0	30.26	30	30	-2	E	3	0	2	34	30	0.39			
Jersey ...	30.10	45	NNN	3	0	30.23	38	37	-6	E	3	0	3	49	37	0.02			
Brest ...	30.18	50	NNN	1	0	30.16	41	39	-7	E	2	0	7	?	37	1			
L'Orient ...	30.16	45	NN	3	0	30.19	37	37	-11	E	2	0	5	50	36	1			
Rocheport ...	30.19	50	NN	4	0	30.19	41	41	-9	NNE	3	0	3	57	39	0.04			
Biarritz ...	30.23	54	NNN	3	0	30.16	48	45	-7	ENE	3	0	5	55	40	1			
Corunna ...	*	*	*	*	*	30.43	56	*	+17	STY	3	0	1	*	*	*			
Brussels ...	*	*	*	*	*	30.28	30	30	-2	ENE	2	0	*	34	28	1			
Charleville ...	*	*	*	*	*	30.14	28	*	0	ESE	3	0	*	*	*	*			
Paris ...	29.98	35	S	2	0	30.21	29	27	-4	?	3	0	*	*	*	0.63			
Lyons ...	*	*	*	*	*	30.09	45	*	+4	S	2	0	*	*	*	*			
Toulon ...	30.10	45	STY	2	0	30.08	39	36	-4	E	1	0	2	50	39	1			

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...	30.43	33	30	ESE	7	0	4	Valencia	30.00	57	47	SSE	2	3
Thurso	30.44	38	37	SE	5	0	4	Scilly	30.06	50	48	N	5	7
Scarborough ...	30.09	38	37	SSE	5	0	4	London	29.99	35	34	E	1	*
Mullaghmore ...	29.96	48	45	STY	2	0	5	Rocheport ...	30.09	50	50	NN	4	2
Holyhead	29.96	44	42	NNN	3	0	2							

The barometer has risen briskly in the N. and N. since the morning, but at Valencia the rise has been checked very suddenly since noon and the wind has backed to SSTY. At Mullaghmore a heavy ground sea is reported.

Mullaghmore	30.04	41	SSE	1	0	30.05	+27	40	38	-2	SE	6	0	49	37	-
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EXPLANATION OF COLUMNS.

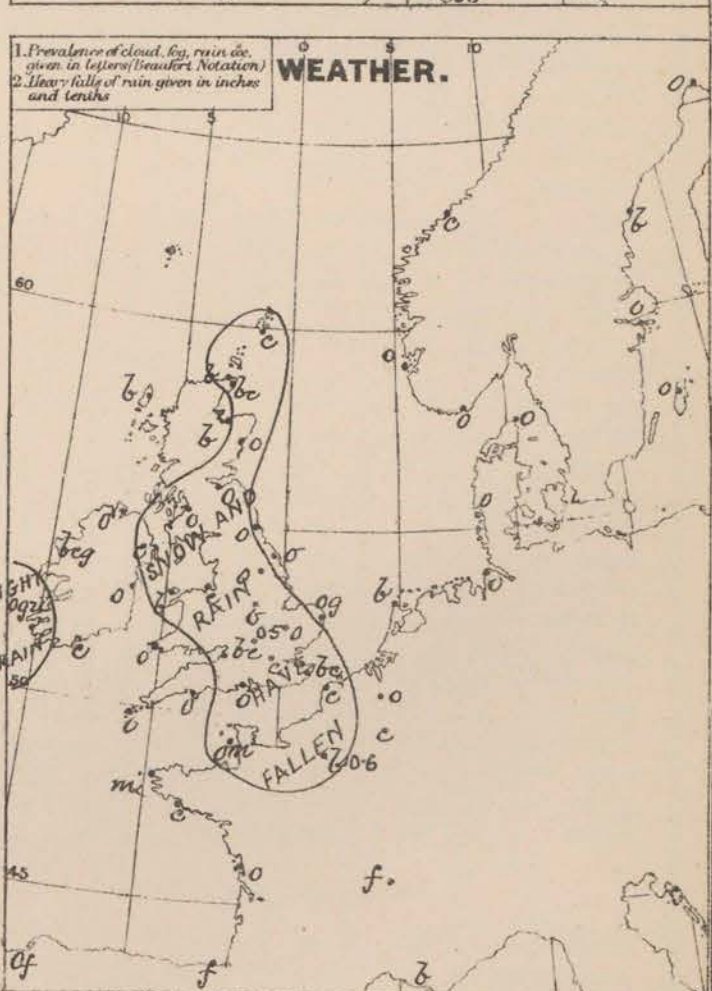
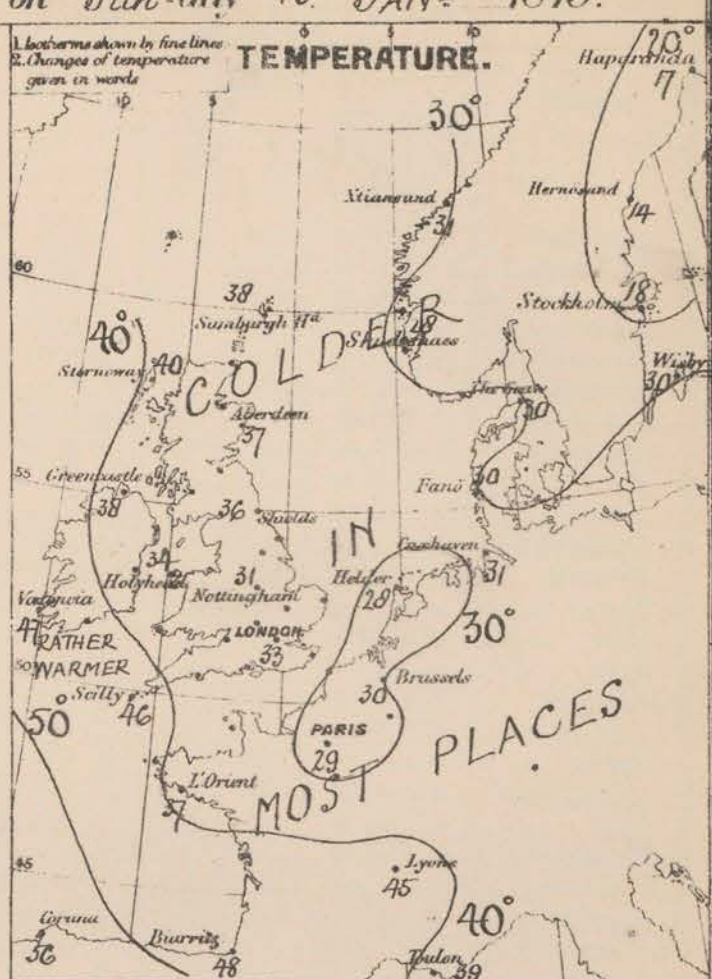
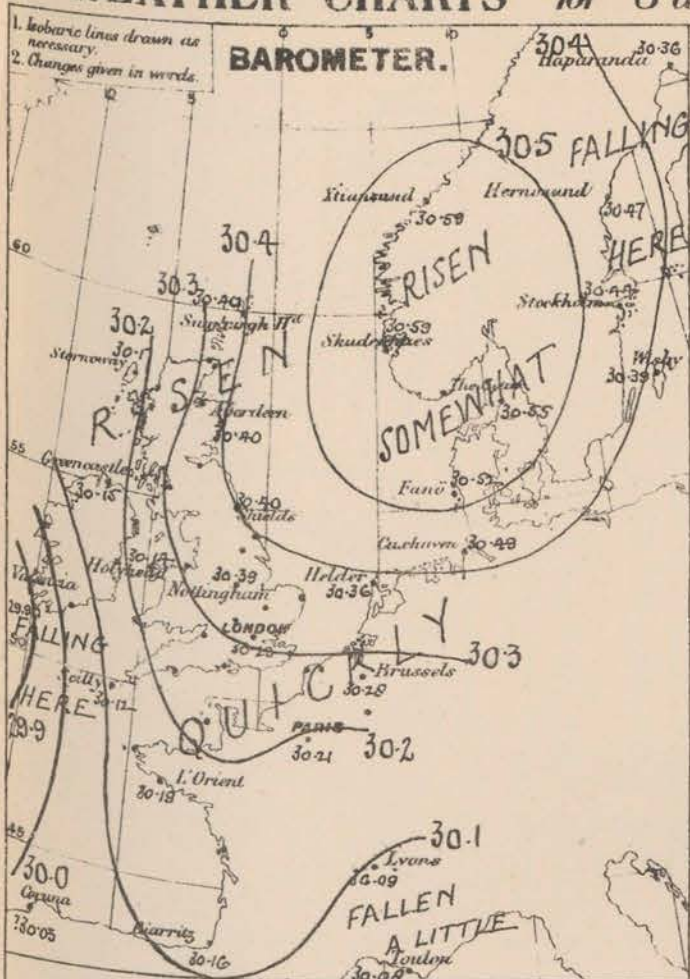
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 "rear" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Sun-day 19th JAN^y 1879.



A dotted line is drawn round the core to where the signals are up.

REMARKS. Weather this morning is fine in the N. of Scotland, but dull or cloudy in most other places, with fog in the S. of France. Snow and rain have fallen over Central England and the NE. of Scotland, heavily at some stations. Temperature has fallen very decidedly except in the S. of Ireland, where a slight rise has occurred. The thermometer is low this morning over the Netherlands and NE. of France. Wind is again SE³ all over Ireland, Scotland, and the N. of England, and has increased to a strong breeze except in the E and SE, and to a moderate gale at Valentia and Rock's Pt. Over Scandinavia Nth breezes are reported, whereas ⁱⁿ France the wind is very variable. Sea is high in the SW, and at Wick, rough in the Irish Sea, moderate at our other stations.

Barometrical indication. Pressure has increased quietly on all but our western SW. coasts, and readings are high over the North Sea and Scandinavia. During the past night, however, the barometer has begun to fall fast at Valentia, and the change appears to be extending over Ireland, and the W. of England.

Warnings. The South Coast is ^{at} offering on all except our E. and SE. coasts.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT JAN^y 20th 1879.

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 ...	30.42	17	NE	4	δ	30.45	+ .09	19	18	+ 2	N	2	o	*	21	12	0.08	
Hernösand ...	30.43	14	Z	0	c	30.51	+ .04	27	27	+ 10	N	4	5	*	*	*	—	
Stockholm ...	30.42	22	N	2	o	30.38	— .06	23	22	+ 5	NNW	2	o	*	*	*	—	
Wisby ...	30.27	27	NNW	6	o	30.23	— .16	28	26	— 2	NE	6	o	*	*	*	—	
Christiansund ...	30.49	28	ESE	1	δ.	30.45	— .14	30	29	— 1	E	1	δ	4	?	23	—	
Skudesnaes ...	30.51	27	E	2	δ.	30.41	— .18	28	26	o	E	2	δc	2	28	27	—	
Oxö (Xtiansand)	30.51	21	NTN	4	δ.	30.36	— .20	25	23	— 5	NNW	4	o	2	30	18	—	
Skagen (The Seaw)	30.47	25	NE	2	δ	30.41	— .14	26	26	— 5	E	3	o	3	32	21	—	
Fanö ...	30.49	28	N	4	o	30.40	— .12	26	25	— 4	N	2	δ	*	30	21	—	
Cuxhaven ...	30.50	32	NE	1	o	30.40	— .09	30	29	— 1	NNE	1	o	*	?	28	—	
Sumburgh Head	30.35	38	NE	5	γ	30.28	— .12	38	36	o	SSE	4	o	14	43	35	0.01	
Stornoway	30.13	35	SSW	3	δ	30.13	— .04	31	30	— 9	Z	o	δ	o	41	31	—	
Thurso ...	30.30	36	S	2	δ	30.22	— .07	28	28	— 7	Z	o	δ.	2	37	26	—	
Wick ...	30.28	37	S	6	δc	30.21	— .10	33	31	— 4	S	2	δ	2	39	31	—	
Nairn ...	30.26	35	SSE	3	δ	30.21	— .08	25	25	— 7	Z	o	δ	o	37	25	—	
Aberdeen ...	30.34	37	S	4	c	30.39	— .11	35	32	— 2	S	3	c	3	38	33	—	
Leith ...	30.31	33	SSE	4	δ	30.25	— .09	24	24	— 10	SSE	2	δ	*	39	22	—	
Shields ...	30.42	36	SE	4	o	30.32	— .08	31	29	— 5	SSW	2	om	3	37	27	—	
Scarborough	30.44	34	SE	3	o	30.31	— .09	33	32	— 3	SSE	2	o	3	37	32	—	
York ...	30.43	33	SE	1	o	30.31	— .11	31	29	— 3	S	1	o	*	35	28	—	
Nottingham	30.44	29	SE	2	δ	30.31	— .08	27	26	— 4	SSE	3	o	*	34	21	—	
Ardrossan	30.31	32	ESE	2	δ	30.21	— .11	24	?	— 10	NE	4	δ	8	37	24	—	
Greencastle	30.15	37	SE	4	o	30.08	— .07	35	32	— 3	ESE	2	o	*	39	34	—	
Donaghadee	30.27	36	SE	7	c	30.16	— .10	35	34	— 2	SE	7	o	5	37	33	—	
Kingstown	30.19	39	SSE	7	o	29.98	— .21	38	35	— 1	SSE	6	o	5	40	26	—	
Holyhead	30.26	35	SSE	2	δ	30.12	— .12	31	30	— 3	SSE	2	δ	2	39	31	—	
Liverpool (Bidston)	30.30	31	ESE	5	δ	30.21	— .11	27	26	— 5	ESE	3	o	2	34	27	—	
Valencia ...	29.95	45	ESE	7	γg	29.75	— .15	45	44	— 2	ESE	6	rgw	6	48	42	2.84	
Roche's Point...	30.06	44	SE	8	γ	29.90	— .17	41	40	— 3	SE	8	γ	5	46	40	0.46	
Pembroke ...	30.20	39	ESE	6	c	30.05	— .15	38	35	+ 2	ESE	7	c	6	39	34	—	
Portishead																		
Scilly ...	30.10	44	ESE	8	o	29.94	— .18	40	40	— 6	SE	10	o	7	46	40	0.01	
Frankie Point	30.24	39	ESE	6	c	30.12	— .10	34	32	— 2	ESE	6	og	5	40	33	—	
Hurst Castle	30.29	36	E	4	δ	30.17	— .08	35	33	— 1	SE	3	og	4	40	33	—	
Dover ...	30.36	36	ENE	4	δ	30.31	— .00	29	29	— 7	ESE	4	c	3	37	29	—	
London ...	30.38	33	ENE	2	δ	30.29	— .00	30	29	— 3	E	2	o	*	35	29	—	
Oxford ...	30.37	29	ENE	1	δ	30.25	— .06	28	28	— 4	SE	1	δc	*	35	26	0.02	
Cambridge	30.41	32	ENE	1	o	30.29	— .06	30	29	— 2	SE	1	o	*	35	24	—	
Yarmouth	30.39	34	E	4	c	30.35	— .00	31	31	— 3	ESE	4	og	4	34	30	—	
The Helder.	*	*	*	*	*	30.37	+ .01	30	28	+ 2	ENE	1	c	*	*	*	—	
Cape Gris Nez	30.34	28	E	3	δ	30.30	+ .04	23	23	— 7	E	2	m	1	34	23	—	
Jersey ...	30.27	35	E	3	δ	30.17	— .06	32	31	— 6	ESE	5	om	4	39	31	—	
Brest ...	30.16	45	SE	4	o	30.05	— .11	34	32	— 7	SE	5	o	7	?	32	—	
L'Orient ...	30.20	36	E	5	o	30.08	— .11	32	30	— 5	ESE	5	o	5	41	28	—	
Rochefort	30.18	48	NE	4	o	30.12	— .07	32	30	— 9	ENE	5	δc	3	30	?	—	
Biarritz ...	30.11	54	ENE	2	o	30.03	— .13	41	39	— 7	ENE	3	δc	6	34	37	—	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	30.33	+ .05	23	23	— 7	E	2	o	*	33	23	—	
Charleville	*	*	*	*	*	30.28	+ .14	21	*	— 7	ESE	1	δ	*	*	*	*	
Paris ...	30.30	33	NTN	2	o	30.34	+ .13	26	25	— 3	SSW	2	δ	*	*	*	*	
Lyons ...	*	*	*	*	*	30.28	+ .19	41	*	— 4	NE	2	m	*	*	*	*	
Toulon ...	30.05	43	γ	1	o	30.13	+ .05	36	37	o	Z	o	δ	3	46	37	—	
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.																		
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.					
Skudesnaes ...	30.53	28	26	E	1	δ	2	Valencia										
Thurso								Scilly										
Scarborough ...								London					*					
Greencastle ...							*	Rochefort ...	30.16	45	43	NE	2	m	3			
Holyhead																		
Mullaghmore	30.07	39	SE	9	o	29.97	— .08	36	35	— 4	ESE	7	rgw	5	40	36	0.04	

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 21st

1879.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	30.68	13	N	2	bc	30.77	+ .32	5	5	- 14	Z	0	bc	*	19	5	-		
Hernösand ...	30.58	26	NE	6	S	30.58	+ .07	23	22	- 4	NE	6	0	*	*	*	0.08		
Stockholm ...	30.36	31	N	6	S	30.35	- .03	21	20	- 2	NE	2	0	*	*	*	0.20		
Wisby ...	30.21	21	NE	6	C	30.20	- .03	21	19	- 7	ENE	6	0	*	*	*	0.08		
Christiansund ...	30.09	30	ESE	3	bc	30.39	- .06	26	24	- 4	ESE	2	bc	3	34	18	-		
Skudesnaes ...	30.36	33	ESE	2	0	30.33	- .08	29	26	+ 1	BNE	2	bc	2	34	28	-		
Oxö (Xtiansund)	30.26	32	NE	6	0	30.29	+ .07	28	26	+ 3	NNE	6	0	3	32	25	0.16		
Skagen (The Scaw)	30.26	28	ESE	3	0	30.30	- .11	22	21	- 4	ENE	6	0	7	28	18	-		
Fano ...	30.27	26	E	4	C	30.21	- .19	24	24	- 2	ENE	4	C	*	27	18	-		
Cuxhaven ...	30.25	30	E	1	C	30.19	- .21	27	26	- 3	ESE	2	C	*	30	25	-		
Sumburgh Head	30.23	37	SE	4	C	30.27	- .01	36	35	- 2	SE	3	r	4	?	31	0.01		
Stornoway	30.00	32	NE	1	bc	30.04	- .09	34	33	+ 3	ESE	4	bc	4	35	30	-		
Thurso ...	30.13	35	ESE	3	0	30.18	- .04	34	34	+ 6	ESE	2	C	3	37	24	0.02		
Wick ...	30.12	37	S	6	0	30.18	- .03	35	33	+ 2	S	6	bc	4	38	32	0.02		
Nairn ...	30.07	27	Z	0	bc	30.11	- .10	28	27	+ 3	ESE	3	bc	0	32	25	-		
Aberdeen ...	30.15	36	S	3	0	30.15	- .14	33	32	- 2	SE	3	bc	3	37	33	0.04		
Leith ...	30.10	31	SSE	4	bc	30.06	- .19	34	34	+ 10	SSE	4	0	*	35	23	-		
Shields ...	30.17	33	S	4	bc	30.09	- .23	34	33	+ 3	SE	3	0	3	35	31	-		
Scarborough	30.18	33	SE	4	0	30.08	- .23	33	32	0	ESE	3	0	3	34	31	-		
York ...	30.18	31	SSE	2	0	30.07	- .24	32	31	+ 1	E	2	0	*	32	30	-		
Nottingham ...	30.14	28	SE	3	0	30.05	- .26	28	27	+ 1	SE	2	0	*	31	27	-		
Ardrossan ...	30.03	26	NE	5	bc	30.04	- .17	31	?	+ 7	ENE	3	om	1	31	24	-		
Greencastle ...	29.92	34	ESE	3	0	29.94	- .14	32	31	- 3	ENE	4	S	*	37	31	0.13		
Donaghadee ...	30.00	34	SSE	7	bc	30.00	- .16	33	32	- 2	E	4	C	3	36	31	0.07		
Kingstown ...	29.90	38	SE	5	0	29.88	- .10	37	36	- 1	SSE	3	0	4	40	35	0.08		
Holyhead ...	29.96	33	SE	2	bc	29.89	- .23	33	32	+ 2	E	3	S	2	36	31	0.02		
Liverpool (Hdston)	30.05	30	ESE	4	0	30.00	- .21	28	27	+ 1	E	3	0	2	30	27	-		
Valencia ...	29.63	47	SE	3	C	29.72	- .03	45	42	0	ENE	2	C	2	48	41	0.39		
Roche's Point...	29.71	43	SSE	8	r	29.79	- .11	44	42	+ 3	ESE	5	0	4	45	41	0.52		
Pembroke ...	29.95	37	ESE	8	0	29.81	- .24	32	31	- 6	E	6	om	4	39	32	0.024		
Portishead																			
Scilly ...	29.77	48	SE	9	r	29.69	- .25	44	42	+ 4	ESE	6	0	6	48	?	0.30		
Prawle Pt ...	29.95	39	ESE	4	0	29.77	- .35	37	36	+ 3	E	4	0	4	41	31	-		
Hurst Castle ...	30.03	35	SE	3	0	29.75	- .42	31	30	- 4	E	4	0	5	40	30	-		
Dover ...	30.15	29	ESE	4	0	29.97	- .34	27	26	- 2	SE	3	bc	3	30	25	-		
London ...	30.13	30	ESE	3	0	29.95	- .34	27	?	- 3	ESE	3	0	*	31	25	-		
Oxford ...	30.10	28	E	1	0	29.95	- .30	28	28	0	E	1	0	*	30	27	-		
Cambridge ...	30.15	32	SE	1	0	29.99	- .30	29	28	- 1	E	1	0	*	33	28	-		
Yarmouth ...	30.21	31	ESE	5	0	30.02	- .33	30	30	- 1	E	5	og	5	32	29	-		
The Helder ...	*	*	*	*	*	30.09	- .28	27	25	- 3	E	2	C	*	*	*	0.28		
Cape Gris Nez	30.16	23	E	1	m	29.97	- .33	18	18	- 5	E	3	m	2	30	18	-		
Jersey ...	29.99	37	ESE	3	C	29.76	- .41	31	30	- 1	E	4	om	4	37	31	-		
Brest ...	29.90	41	SSE	4	m	29.65	- .40	37	36	+ 3	SE	3	0	5	?	32	0.24		
L'Orient ...	29.97	36	ESE	4	m	29.66	- .42	32	30	0	ESE	4	0	5	37	28	-		
Rocheport ...	30.00	43	E	4	bc	29.73	- .39	34	34	+ 2	ESE	5	bc	3	30	25	-		
Biarritz ...	29.91	50	ESE	3	0	29.63	- .40	34	46	+ 13	SSE	3	C	4	34	37	-		
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	30.00	- .33	19	19	- 4	E	1	C	*	28	19	-		
Charleville ...	*	*	*	*	*	29.90	- .38	18	*	- 3	E	1	bc	*	*	*	*		
Paris ...	30.14	28	S	2	0	29.89	- .45	24	24	- 2	SSW	2	0	*	*	*	-		
Lyons ...	*	*	*	*	*	29.93	- .35	37	*	- 4	NE	2	m	*	*	*	*		
Toulon ...	30.05	41	WNW	4	bc	29.95	- .18	43	39	+ 4	?	4	0	3	48	39	-		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.35	34	30	ESE	2	0	2	Valencia	29.64	46	45	E	4	mg	4
Thurso	30.13	34	34	SSE	3	bc	2	Scilly	29.24	43	43	SE	10	r	5
Scarborough ...	30.24	32	32	SSE	2	0	3	London	30.20	31	30	E	3	of.	*
Mullaghmore ...	29.87	38	36	SE	7	grs	4	Rocheport ...	30.04	37	36	E	5	bc	3
Holyhead	30.03	34	30	E	4	bc	3								

Pressure is decreasing everywhere - the change though greater in the S. and SW. than elsewhere, being comparatively slight generally. The wind still blows a hard gale at Scilly, while it has increased to a fresh gale at Pembroke.

Mullaghmore 29.80 37 SE 7 0 29.86 - 11 37 36 + 1 ESE 6 09 4 38 35 0.06

EXPLANATION OF COLUMNS.

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

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

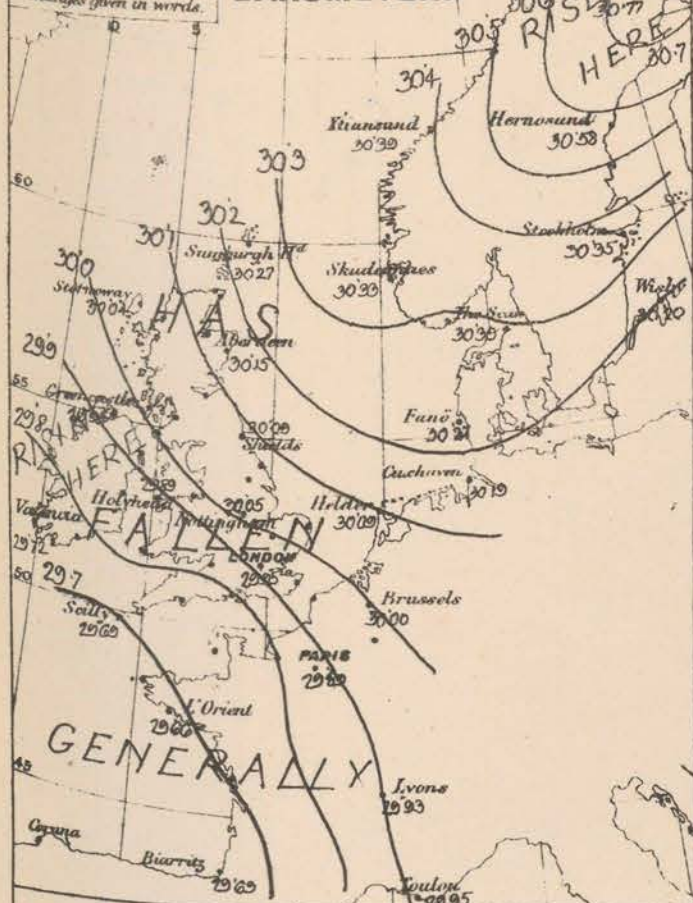
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Tuesday 21st JANY 1879.

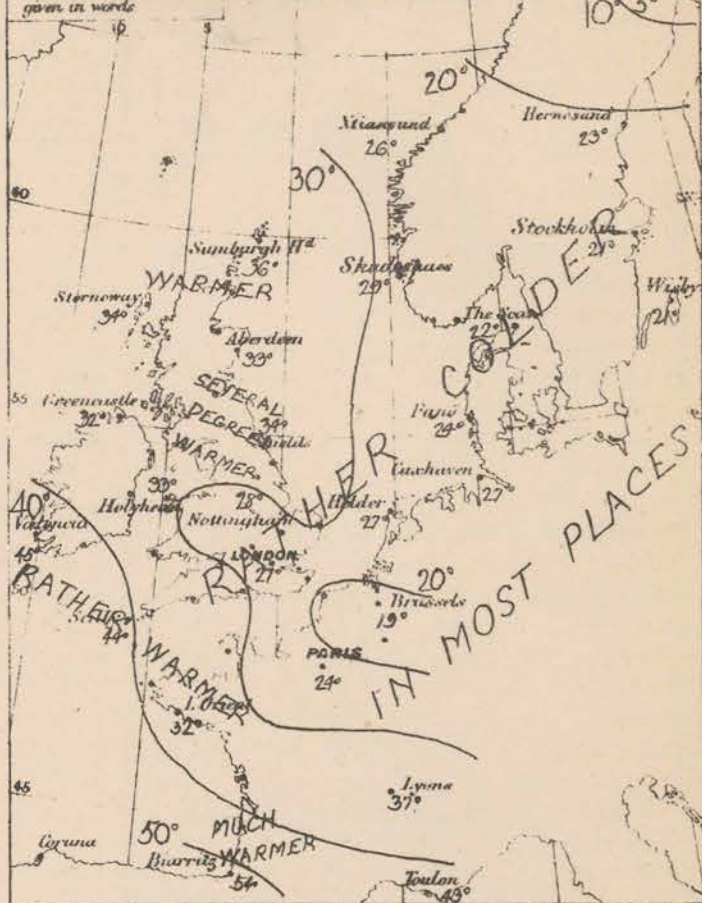
1. Isobars drawn as necessary.
2. Changes given in words.

BAROMETER.



TEMPERATURE.

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



WIND & SEA.

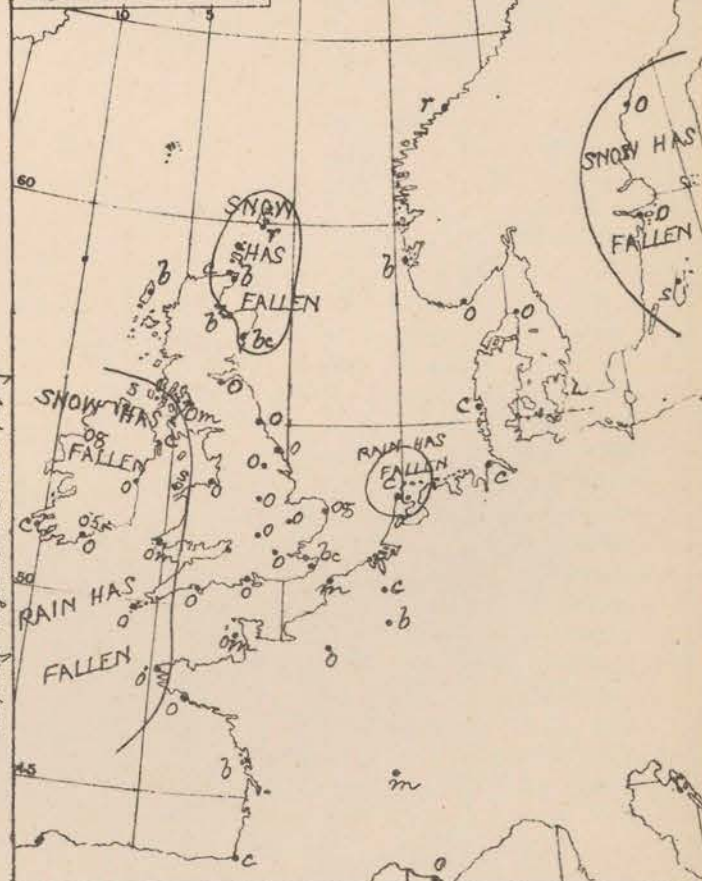
1. Force 0 to 10 -->
 2. Force 11 to 20 -->
 3. Force 21 to 30 -->
 4. Force 31 to 40 -->
 5. Force 41 to 50 -->
 6. Force 51 to 60 -->
 7. Force 61 to 70 -->
 8. Force 71 to 80 -->
 9. Force 81 to 90 -->
 10. Force 91 to 100 -->
- Dark curved arrow shows apparent general motion of air.
Sea disturbance (—) rough, (---) high.



A dotted line is drawn round those coasts on which the prevailing winds are now blowing.

WEATHER.

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



REMARKS.

Weather is fine this morning at a few of the northern Scotch stations, but dull or cloudy elsewhere, with rain at Sunbury H., snow at Newcastle and Holyhead; mist prevails at a few stations. Rain occurred in the south west during yesterday, and snow showers in the north west and north east. Temperature has changed irregularly over these islands but has fallen over Sweden, Denmark, North Germany and the east of France; it varies from 45° at Valentia to 28° over Central England, while at Cape Fin has it is as low as 18°, and at Haparanda (Gulf of Bothnia) 5°. A sharp frost prevailed at the Central stations last night, the minima being 24° at Anderson and 25° in Dover and London. Wind is E at our more southern stations, but is SE to S in most places and NE over Scandinavia. It blows strongly on our south west coasts as well as at Mullaghmore and Wick, but is moderate or fresh in force elsewhere. Sea is rough at the mouth of the Channel and off Lisahally, moderate to slight on our other coasts.

Barometrical Indications. Pressure is increasing at our western and northern stations as well as over Scandinavia. Readings are, however, the Bay of Biscay, but very high over the north of Sweden.

Fog. The South Coast is still flying in the south west of England.

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

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT JAN. 22ND 1879.

STATIONS.	↑ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS		
	Barometer at 320 E. 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 E. 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 ...	30.89	-7	Z	0	δ	30.91	+ .14	-8	-5	-10	Z	0	δ	*	10	-8	-	
Hernösand ...	30.60	13	N	8	0	30.64	+ .06	20	19	-3	NE	6	0	*	*	*	0.08	
Stockholm ...	30.20	16	NE	6	8	30.37	+ .02	22	22	+2	NNE	2	0	*	*	*	0.20	
Wisby ...	30.10	22	E	4	8	30.25	+ .05	24	23	+3	ESE	6	6	*	*	*	0.08	
Christiansund ...	30.42	25	ESE	4	δ	30.27	- .12	24	23	-2	E	4	18	3	27	18	-	
Skudesnaes ...	30.36	27	E	6	δ	30.27	- .06	25	24	-4	E	4	0	2	30	2	-	
Oxö (Xtiansand) ...	30.29	22	NNE	8	8	30.28	- .01	21	19	-7	NNE	6	0	8	28	18	0.16	
Skagen (The Swaw) ...	30.30	23	ENE	4	0	30.30	.00	21	19	-1	ENE	2	0	2	23	?	0.04	
Fanö ...	30.19	23	E	4	δ	30.19	- .02	23	22	-1	ESE	1	0	*	27	18	0.04	
Cuxhaven ...	30.18	30	ESE	3	0	30.18	- .01	24	23	-3	SE	2	0	*	?	21	-	
Sumburgh Head ...	30.32	33	SSE	1	δ	30.27	.00	34	31	-2	ESE	3	0	3	38	31	0.01	
Stornoway ...	30.19	35	ESE	5	δ	30.25	+ .21	32	31	-2	N	2	δ	0	37	29	-	
Thurso ...	30.30	34	ESE	2	0	30.25	+ .07	32	32	-2	NNN	1	0	3	38	29	0.14	
Wick ...	30.28	35	SE	4	0	30.23	+ .05	30	28	-5	N	1	0	0	39	23	-	
Nairn ...	30.24	31	ESE	1	δ	30.29	+ .18	27	27	-1	ESE	1	δ	1	35	25	-	
Aberdeen ...	30.21	37	ESE	3	0	30.26	+ .11	26	26	-7	Z	0	esp	2	37	25	0.05	
Leith ...	30.15	34	SE	2	0	30.21	+ .15	32	31	-2	ENE	3	0	*	26	29	0.04	
Shields ...	30.13	36	E	5	0	30.20	+ .11	30	30	-4	N	2	0	4	37	30	0.05	
Scarborough ...	30.10	35	SE	5	0	30.16	+ .07	33	32	0	ENE	2	0	3	35	31	0.01	
York ...	30.07	32	E	1	0	30.16	+ .09	25	25	-7	ENE	1	δ	*	34	24	0.02	
Nottingham ...	30.05	30	E	2	0	30.13	+ .08	24	24	-4	N	2	δ	*	32	34	-	
Ardrossan ...	30.14	34	NE	2	0	30.24	+ .20	26	25	-5	NNE	2	δ	1	35	26	-	
Greencastle ...	30.06	34	E	3	0	30.22	+ .28	34	33	+2	NE	2	δ	*	36	31	0.02	
Donaghadee ...	30.10	34	ESE	6	0	30.23	+ .23	34	31	+1	ESE	6	δ	5	36	32	-	
Kingstown ...	29.98	36	E	5	0	30.12	+ .24	36	33	-1	E	6	0	6	38	34	-	
Holyhead ...	29.97	32	N	6	δ	30.13	+ .24	32	31	-1	E	3	0	3	34	30	-	
Liverpool (Hidston) ...	30.03	30	ENE	2	0	30.15	+ .15	26	25	-2	ENE	2	δ	1	31	26	-	
Valencia ...	29.88	39	NE	2	δ	30.08	+ .36	35	32	-10	NNE	3	0	3	48	33	-	
Roche's Point ...	29.90	37	NE	8	0	30.03	+ .24	34	32	-10	NE	3	0	4	44	33	-	
Pembroke ...	29.86	30	E	4	δ	30.01	+ .20	27	25	-5	NE	3	δ	3	37	27	-	
Portishead ...																		
Scilly ...	29.72	41	E	17	0	29.88	+ .19	35	32	-9	ENE	6	0	6	44	33	-	
Prawle Point ...	29.80	31	ENE	6	6	29.90	+ .13	30	29	-7	ENE	7	0	6	37	29	-	
Hurst Castle ...	29.83	31	E	5	0	29.91	+ .16	31	30	0	ENE	5	0	6	36	29	-	
Dover ...	29.80	30	E	5	0	29.97	.00	31	30	+4	ENE	5	0	4	32	25	-	
London ...	29.93	31	E	3	0	29.99	+ .04	29	29	+2	ENE	5	0	*	31	26	-	
Oxford ...	29.98	29	E	3	0	30.03	+ .08	29	28	+1	NE	3	0	*	29	27	-	
Cambridge ...	29.97	29	NE	2	0	30.07	+ .08	22	22	-7	NNE	1	δ	*	33	21	-	
Yarmouth ...	29.99	31	ENE	6	0	30.06	+ .04	31	31	+1	ENE	6	0	5	31	28	-	
The Helder ...	*	*	*	*	*	30.09	.00	22	21	-5	ENE	2	0	*	*	*	-	
Cape Gris Nez ...	29.90	23	E	4	δ	29.96	+ .06	21	21	+3	E	5	δ	4	27	?	-	
Jersey ...	29.73	30	ENE	5	0	29.79	+ .03	33	32	+2	ENE	6	0	5	33	28	-	
Brest ...	29.60	41	ENE	5	m	29.65	.00	34	32	-3	ENE	5	+	4	?	31	0.02	
L'Orient ...	29.62	32	ESE	4	0	29.58	- .08	34	32	+2	ENE	5	+	5	36	28	0.43	
Rocheport ...	29.58	45	ESE	5	+	29.58	- .15	45	43	+11	E	5	+	3	50	28	-	
Biarritz ...	29.48	50	E	3	0	29.45	- .18	50	45	-4	ENE	2	0	4	59	43	-	
Corunna ...	*	*	*	*	*										*	*	*	
Brussels ...	*	*	*	*	*	29.95	- .05	19	19	0	ENE	2	δ	*	28	19	-	
Charleville ...	*	*	*	*	*	30.06	+ .16	24	*	+6	E	3	0	*	*	*	*	
Paris ...	29.83	46	S	2	0	29.84	- .05	24	23	0	SSE	2	0	*	*	*	-	
Lyons ...	*	*	*	*	*	29.89	- .04	42	*	+5	S	2	m	*	*	*	*	
Toulon ...	29.88	43	SE	6	0	29.90	- .05	45	43	+2	SE	6	0	7	45	36	0.20	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudcenaes ...	30.32	30	25	E	4	c	2	Valencia	29.82	45	43	E	4	c	5
Thurso	30.24	36	35	ESE	8	δ	?	Scilly	29.70	42	40	E	6	o	6
Scarborough ...	30.07	33	32	SE	4	o	4	London	29.92	30	29	E	3	o	#
Mullaghmore ...	29.95	35	34	ESE	6	mS	4	Rocheport ...	29.58	46	41	ESE	4	o	3
Holyhead	29.92	34	32	E	6	c	3								

Pressure is changing little and irregularly, but appears to be inclined to decrease in the S.W. Wind is SE^l to E^l and blows strongly at Scilly and Holyhead.

Mullaghmore	30.01	36	ESE	7	0	30.20	+ .34	32	30	- 5	ESE	4	δ	8	37	32	-
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EXPLANATION OF COLUMNS

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

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

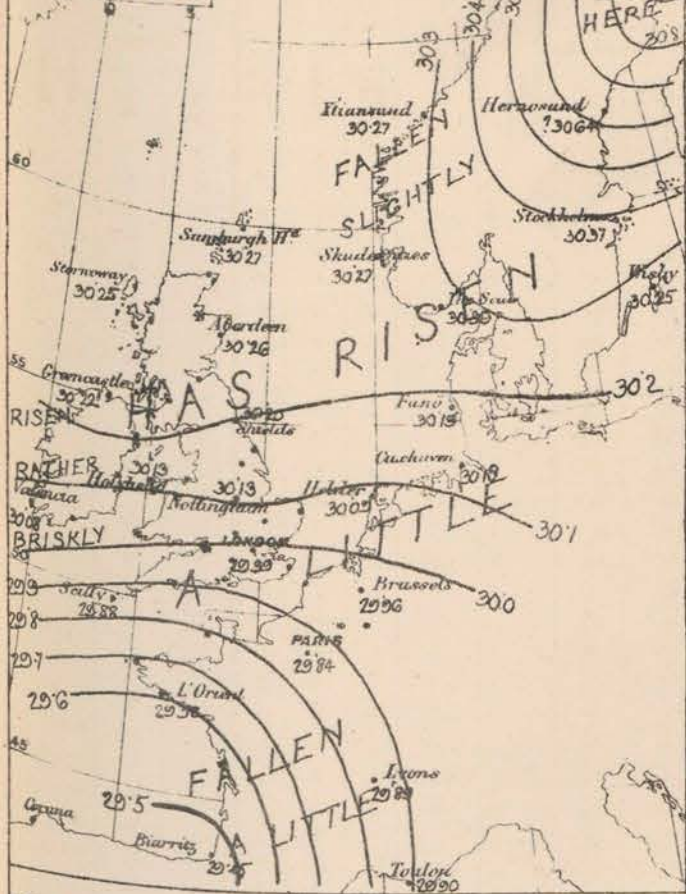
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Wednesday 22ND JANY 1879.

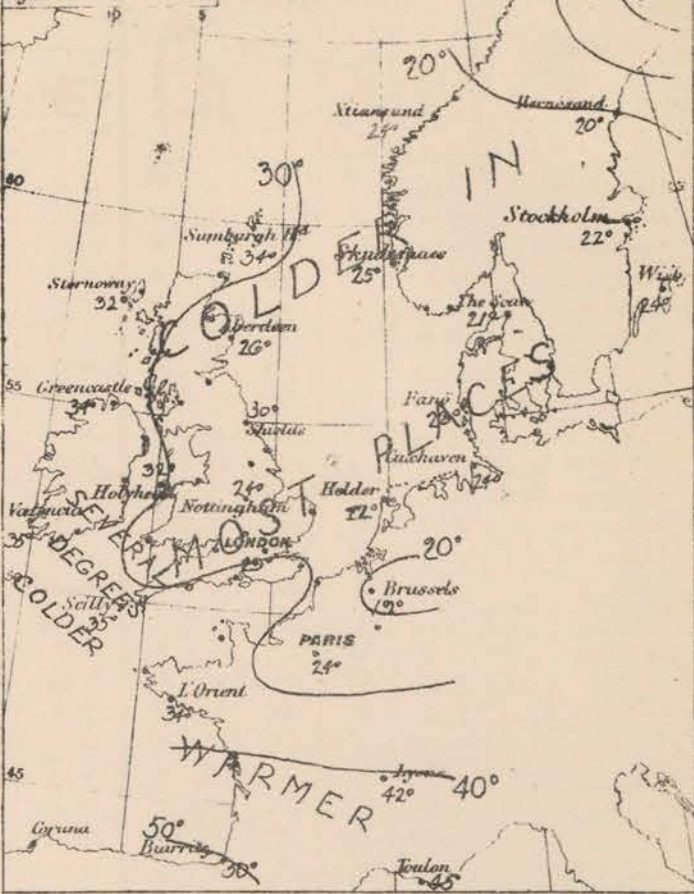
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



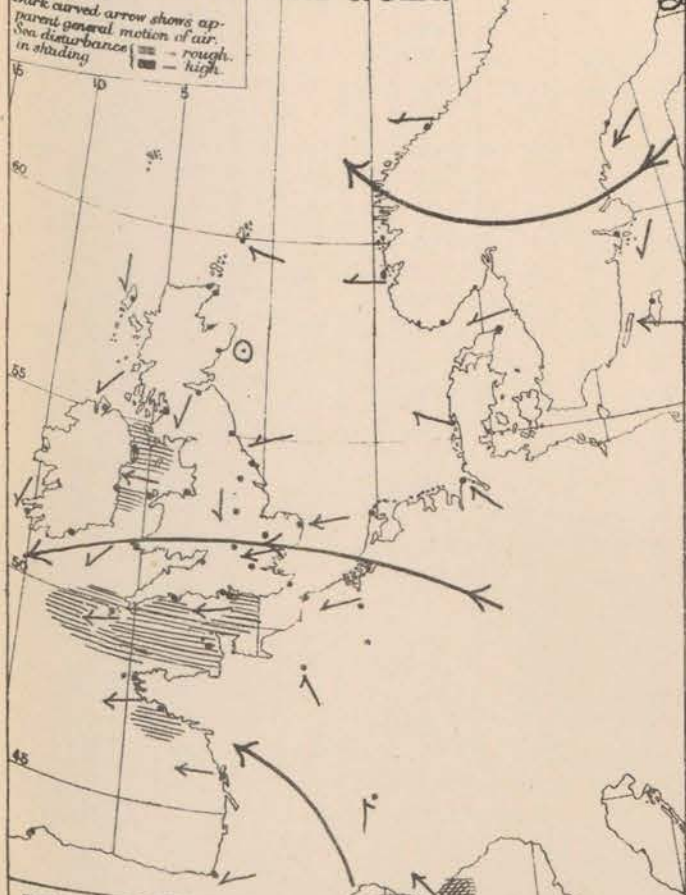
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



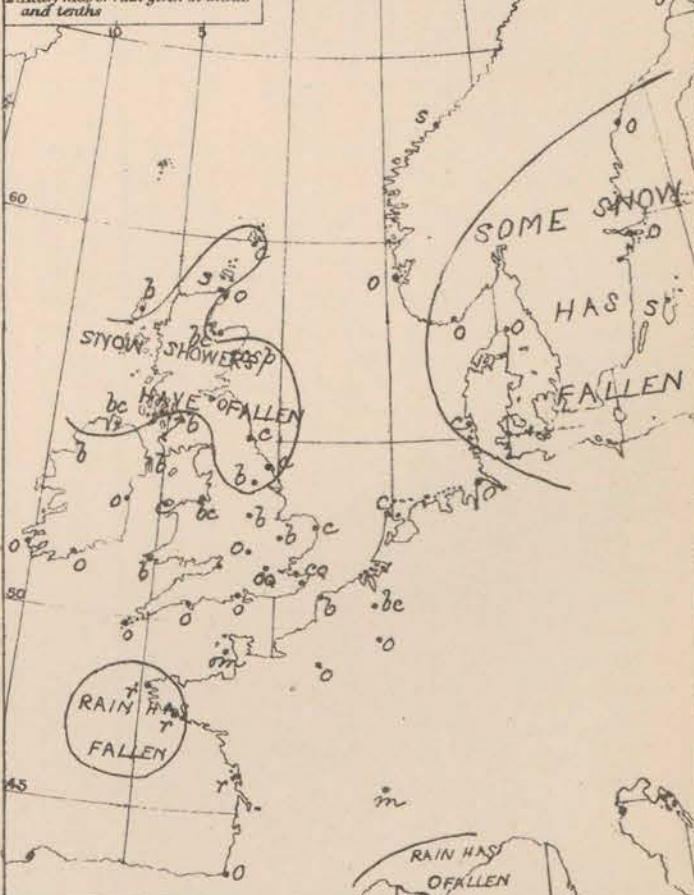
Arrows fly with the wind.
Force 0 to 10 —
2, 4, 6, 8, 10 —
5, 7, 9 — above 10 —
Dark curved arrow shows apparent general motion of air.
Sea disturbances in shading: — rough, — high.

WIND & SEA.



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

WEATHER.



REMARKS. Weather is fine at several of the north western and some of the inland English stations, but is overcast or cloudy generally, with rain in the north west of France and snow showers at Aberdeen and Lerse. Light snow and hail showers fell in the north west and north east yesterday. Temperature has risen over the greater part of France and the south east coast of England but has fallen in most other places. It is uniformly low over these Islands, varying from 36° at Kingstown to 24° at Nottingham, while it falls to 19° at Brest and to -8° at Haparanda (Gulf of Bothnia). Sharp frost prevailed at the inland stations last night, the minimum in London being 26° in the shade and 24° on the grass. Wind is E to ENE on most coasts; it is very light in Scotland but is moderate to strong over France, England and Ireland. During last night a strong breeze prevailed over the Channel and south of England. Sea is rough in the Irish Sea and Channel, moderate to slight elsewhere.

Barometrical Indications. Pressure is decreasing over Norway and the extreme north east of Scotland as well as in the west of France but is increasing in all other places. A large area of low pressure lies over the Bay of Biscay, while readings are exceptionally high over Lapland (Haparanda 30.91 in.).

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. Secretary
116, Victoria Street, Westminster, S.W.

DAILY WEATHER REPORT

JAN. 23RD

1879.

STATIONS.	† YESTERDAY EVENING					8 A.M. TO DAY.										PART 24 HOURS		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Weather	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	30.85	6	Z	0	0	30.77	-.14	2	1	+ 10	Z	0	bc	*	7	-9	-	
Hernösand	30.62	14	N	6	S	30.49	-.15	24	23	+ 4	NE	4	S	*	*	*	0.20	
Stockholm	30.62	21	NE	2	S	30.38	+ .01	23	22	+ 1	SSE	2	S	*	*	*	0.08	
Wishy	30.28	26	E	4	bc	30.30	+ .05	25	24	+ 1	S	4	bc	*	*	*	0.47	
Christiansund	30.31	24	SE	4	bc	30.17	- .10	26	22	+ 2	SE	3	bc	3	27	18	-	
Skudesnaes	30.34	25	SE	6	bc	30.29	+ .02	26	24	+ 1	SE	6	0	3	?	25	-	
Oxö (Xtiansand)	30.39	18	NNE	4	c	30.38	+ .10	15	13	- 6	NNW	4	bc	2	21	12	-	
Skagen (The Scaw)	30.39	22	NE	3	c	30.33	+ .03	21	20	0	NE	3	0	2	23	16	-	
Fanö	30.26	25	E	4	bc	30.24	+ .05	19	18	- 4	NE	4	bc	*	25	16	-	
Cuxhaven	30.22	24	ESE	3	c	30.14	- .04	24	22	0	E	2	c	*	?	19	-	
Sumburgh Head	30.20	30	SW	1	bc	30.10	- .17	35	31	+ 1	SW	3	0	3	36	27	-	
Stornoway	30.21	34	NW	2	S	30.10	- .15	31	31	- 1	N	1	bc	1	37	29	0.10	
Thurso	30.21	30	ESE	1	bc	30.16	- .09	19	18	- 13	S	1	c	2	38	17	0.02	
Wick	30.24	34	SE	3	0	30.13	- .10	27	26	- 3	SW	1	bc	0	35	25	0.09	
Nairn	30.20	31	Z	0	bc	30.14	- .15	26	26	- 1	N	1	bc	1	33	25	-	
Aberdeen	30.24	31	NW	1	0	30.18	- .08	30	29	+ 4	SSW	1	bc	2	32	26	0.05	
Leith	30.22	32	NE	1	0	30.20	- .01	28	28	- 4	Z	0	omv	*	33	26	-	
Shields	30.21	34	ENE	5	c	30.24	+ .04	26	26	- 4	NNW	1	0	4	34	25	0.11	
Scarborough	30.14	32	NE	3	bc	30.18	+ .03	32	?	- 1	ENE	3	c	3	34	29	0.04	
York	30.17	27	NNE	1	bc	30.18	+ .02	29	29	+ 4	NE	1	c	*	33	28	0.02	
Nottingham	30.10	25	NNE	?	bc	30.15	+ .02	29	28	+ 5	NE	3	S	*	32	21	-	
Ardrossan	30.24	31	NNE	1	0	30.22	- .02	30	29	+ 4	E	1	f	1	34	26	0.01	
Greencastle	30.25	32	NNE	2	bc	30.20	- .02	29	29	- 5	SW	1	S	*	39	24	0.01	
Donaghadee	30.26	33	ENE	3	bc	30.24	+ .01	33	31	- 1	E	3	0	2	35	32	-	
Kingstown	30.20	36	NE	4	c	30.20	+ .08	35	31	- 1	E	4	c	4	37	34	-	
Holyhead	30.17	33	ENE	4	bc	30.18	+ .05	30	29	- 2	ENE	3	bc	2	35	29	-	
Liverpool (Bidston)	30.18	28	NE	2	bc	30.19	+ .04	24	23	- 2	NE	2	c	1	33	23	-	
Valencia	30.16	36	NE	3	bc	30.17	+ .09	33	31	- 2	ENE	3	bc	3	37	29	-	
Roche's Point	30.09	34	NE	3	bc	30.17	+ .04	30	29	- 4	NE	3	bc	3	37	29	-	
Pembroke	30.09	31	NE	3	bc	30.11	+ .10	27	25	0	NNE	2	bc	2	34	26	-	
Portishead																		
Scilly	29.95	35	ENE	7	0	30.03	+ .15	32	32	- 3	ENE	6	c	6	35	32	-	
Præstø Point	29.94	31	NE	6	m	29.97	+ .07	28	28	- 2	NE	5	0	5	32	28	-	
Hurst Castle	29.95	32	ENE	5	c	29.94	+ .03	29	28	- 2	NE	4	c	5	35	28	-	
Dover	29.98	31	ENE	5	c	29.93	- .04	30	29	- 1	ENE	4	c	4	33	29	-	
London	30.03	31	ENE	4	bc	30.00	+ .01	28	?	- 1	ENE	6	0	6	32	25	-	
Oxford	30.07	27	SE	1	0	30.05	+ .02	27	27	- 2	NNE	4	c	*	31	23	-	
Cambridge	30.08	25	E	1	bc	30.05	- .02	25	24	+ 3	NE	1	bc	*	34	30	-	
Yarmouth	30.06	31	ENE	5	c	30.04	- .02	30	29	- 1	ENE	8	c	6	32	28	-	
The Helder	*	*	*	*	*	30.03	- .06	24	22	+ 2	NE	5	0	*	*	*	-	
Cape Gris Nez	29.93	28	E	8	c	29.96	.00	27	27	+ 6	ENE	7	0	6	30	21	-	
Jersey	29.82	34	ENE	7	0	29.87	+ .05	34	31	+ 1	NE	5	omv	4	35	33	-	
Brest	29.72	37	E	5	S	29.85	+ .20	34	32	0	ENE	4	0	4	?	30	0.20	
L'Orient	29.66	34	ENE	7	S	29.77	+ .19	32	32	- 2	NE	5	0	4	34	28	0.95	
Rochefort	29.61	46	SE	3	f	29.71	+ .13	37	36	- 8	ENE	4	m	3	34	34	0.08	
Biarritz																		
Corunna	*	*	*	*	*				*						*	*	*	
Brussels	*	*	*	*	*	29.90	- .05	21	20	+ 2	NE	4	S	*	25	?	0.04	
Charleville	*	*	*	*	*	?	?	28	*	+ 4	E	3	05	*	*	*	*	
Paris	29.83	27	E	2	S	29.83	- .01	25	25	+ 1	ESE	4	f	*	*	*	0.35	
Lyons	*	*	*	*	*	29.67	- .22	46	*	+ 4	NNW	2	0	*	*	*	*	
Toulon	29.85	48	E	7	0	29.52	- .38	30	46	+ 5	E	8	0	7	30	43	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.32	25	22	SE	6	0	4	Valencia	30.12	36	30	ENE	4	0	4
Thurso	30.23	34	34	ESE	2	Sp	3	Scilly	29.92	34	32	ENE	6	0	6
Scarborough ...	30.18	31	31	NE	2	bc	3	London	30.04	32	?	ENE	4	0	*
Mullaghmore ...	30.24	36	34	E	5	bc	3	Rochefort ...	29.62	46	45	E	3	f	3
Holyhead	30.16	34	32	ENE	5	bc	4								

No change of importance since the morning. Weather uniformly cold.

Mullaghmore	30.25	35	E	5	bc	30.23	+ .03	27	?	- 5	SSW	1	bc	2	36	25	-
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EXPLANATION OF COLUMNS

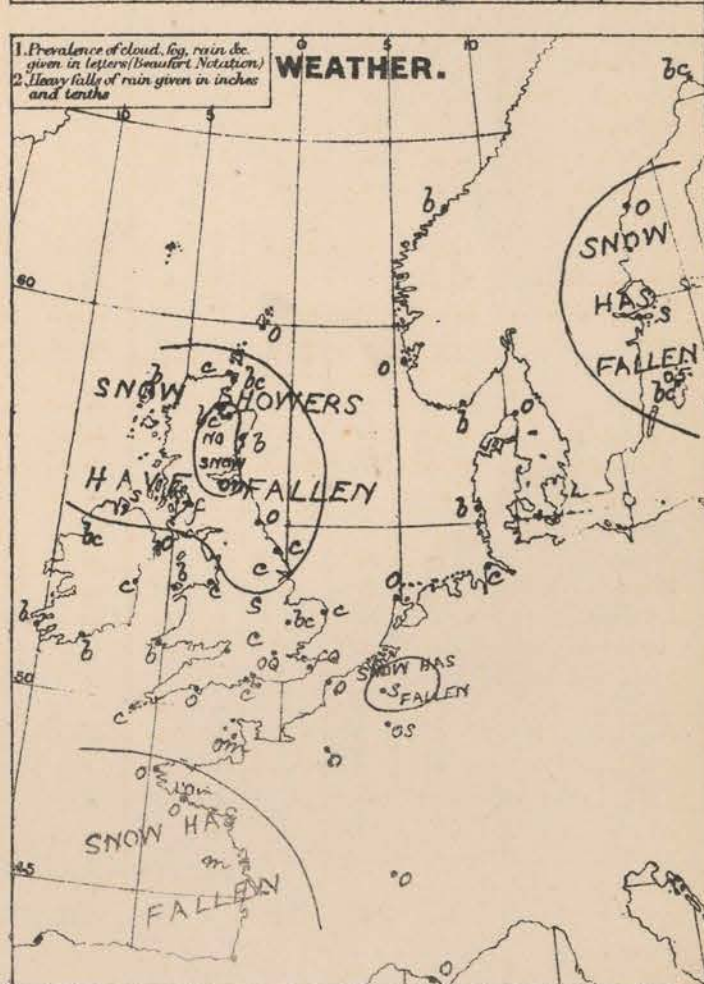
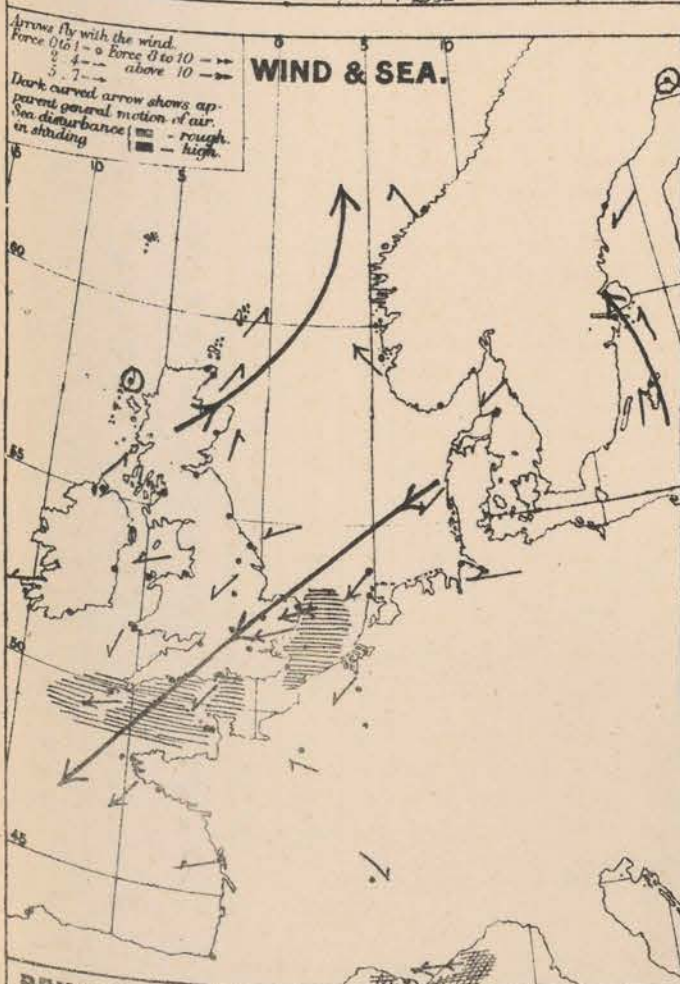
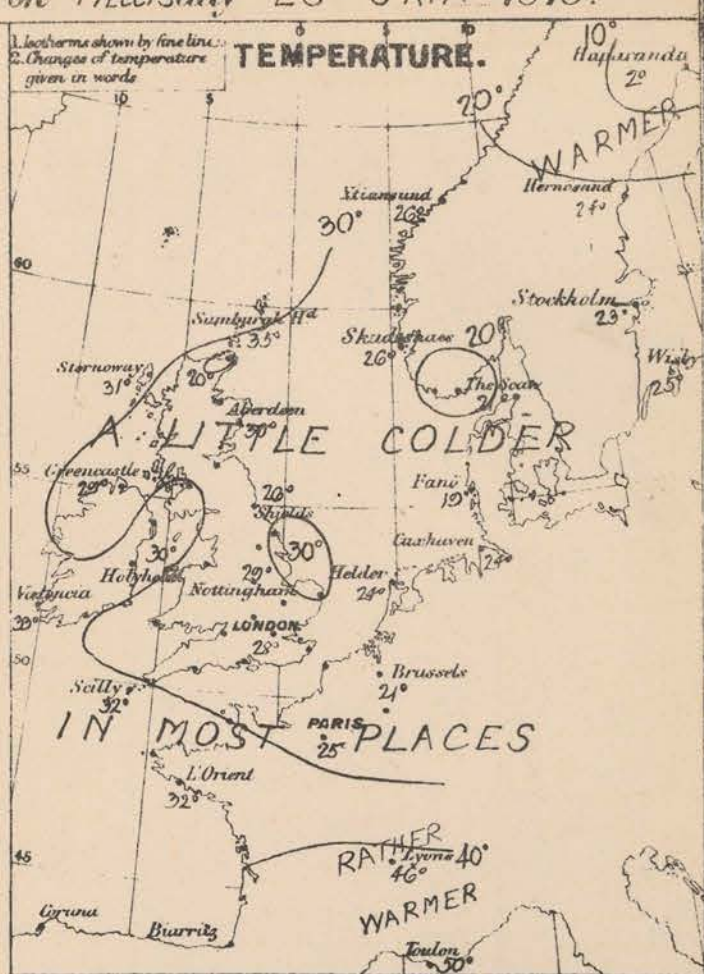
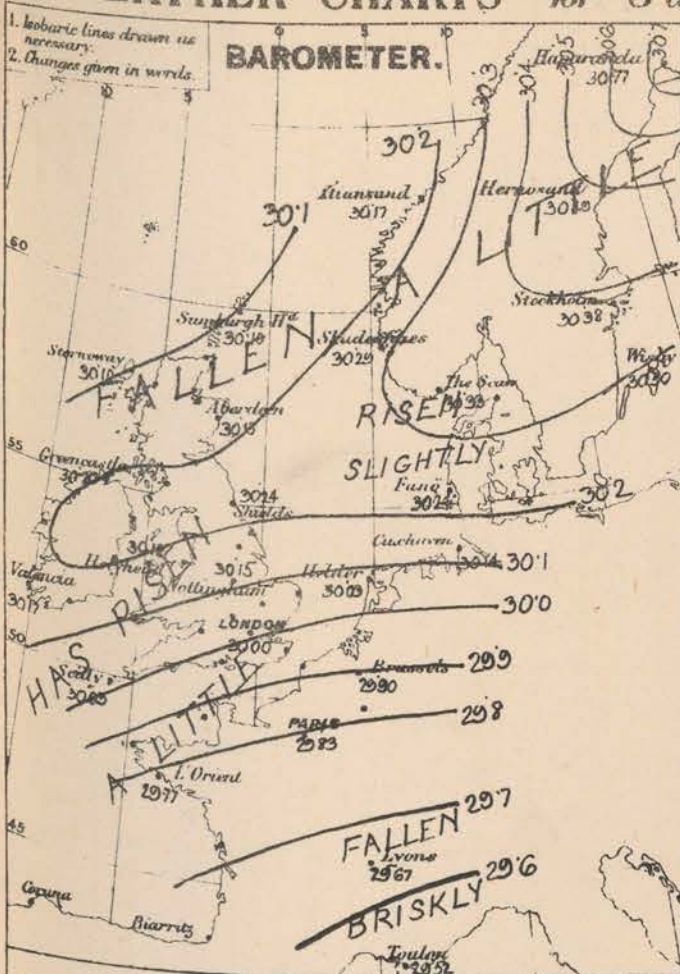
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 23rd JAN 1879.



REMARKS. Weather is fine at many of our western and northern stations, but is cloudy or dull elsewhere, with fog at Anderson and snow at Nottingham and Mowille. Heavy snow has fallen in Brittany and slight snowfalls occur north west and north east coasts. Temperature has fallen in nearly all places and is low over nearly the whole of Western Europe; readings vary over these islands from 35° at Kingstown to 19° at Haras and 25° at Cambridge, while at Brussels the thermometer is as low as 21° and at Copenhagen 20°. During last night the thermometer in London fell to 25° in the shade and 22° on the grass. Wind is ENE over the greater part of these islands and France but a very light W to SW breeze has appeared in the north west of Ireland and the north of Scotland. The E current is moderate to fresh in force generally, but blows a fresh gale at Yarmouth. Sea is rough in the south east, south and south west, slight on our other coasts.

Barometrical Indications. Pressure is increasing somewhat over the west and south west of England and the west of France but is decreasing elsewhere. The region of highest pressure is still shown over the north of Sweden and that of lowest pressure over France but there are indications of a break-up of the high readings over North Britain.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT JAN. 24th 1879.

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	30.61	3	S	2	b	30.44	-.33	8	8	+ 6	E	2	o	*	9	- 4	-	
Hernösand	30.34	26	E	2	s	30.29	-.20	15	14	- 9	NNE	2	o	*	*	*	0.20	
Stockholm	30.22	24	ENE	4	o	30.12	-.16	21	20	- 2	N	4	s	*	*	*	0.12	
Wisby	30.17	23	E	6	b	30.02	-.23	25	24	o	ENE	6	s	*	*	*	0.16	
Christiansund	30.05	28	SE	5	o	29.97	-.20	32	31	+ 6	SSW	4	b	b	32	21	-	
Skudesnaes	30.23	28	SE	6	b	30.21	-.08	27	25	+ 1	SE	4	bc	3	28	?	-	
Oxö (Ålön)	30.26	22	NNE	4	o	30.23	-.15	13	3	- 2	SE	2	b	2	23	9	-	
Skagen (The Scaw)	30.21	24	NE	3	o	30.21	-.12	22	21	+ 1	NE	4	o	24	25	16	-	
Faro	30.13	14	N	4	b	30.14	-.10	21	20	+ 2	NE	4	o	*	21	10	-	
Cuxhaven	30.10	27	NE	5	o	30.05	-.09	27	25	+ 3	NE	5	c	*	27	23	-	
Sumburgh Head	30.01	36	SW	4	b	29.92	-.18	39	36	+ 4	SW	5	c	4	43	33	-	
Stornoway	30.01	35	WSW	3	c	29.99	-.11	35	33	+ 4	W	4	o	3	36	30	-	
Thurso	30.04	31	S	2	c	30.03	-.13	31	30	+ 12	SSE	1	o	2	32	18	-	
Wick	30.05	31	Z	0	bc	30.04	-.09	30	29	+ 3	S	1	b	1	34	24	-	
Nairn	30.09	31	Z	0	bc	30.06	-.08	29	28	+ 3	SW	2	bc	1	35	26	0.02	
Aberdeen	30.08	31	WSW	2	b	30.13	-.05	25	24	- 5	SW	1	b	2	32	25	-	
Leith	30.14	32	W	1	o	30.13	-.07	22	22	- 6	Z	0	cm	*	33	20	-	
Shields	30.19	30	NNW	1	b	30.15	-.09	25	25	- 1	NN	1	o	3	32	23	0.13	
Scarborough	30.16	33	ENE	4	bc	30.12	-.06	33	?	+ 1	E	4	o	14	34	30	0.01	
York	30.16	31	NE	1	bc	30.13	-.05	30	30	+ 1	E	1	o	*	26	25	-	
Nottingham	30.11	29	NNE	3	b	30.10	-.08	30	29	+ 1	NNE	2	o	*	33	27	-	
Ardrossan	30.15	32	E	1	o	30.13	-.09	24	23	- 6	NNE	1	bf	0	36	24	-	
Greencastle	30.13	26	N	1	b	30.08	-.12	29	28	o	ESE	2	c	*	35	18	0.06	
Donaghadee	30.18	33	SE	2	b	30.13	-.11	32	32	- 1	SSE	4	c	3	35	32	0.01	
Kingstown	30.12	35	ESE	4	c	30.08	-.12	34	31	- 1	SE	5	o	5	36	33	-	
Holyhead	30.12	31	E	3	b	30.09	-.09	28	27	- 2	E	2	bc	2	35	28	-	
Liverpool (Bidston)	30.13	27	ENE	1	b	30.11	-.08	29	28	+ 5	ENE	1	f	1	31	24	-	
Valencia	30.06	35	E	3	o	29.97	-.20	35	32	+ 2	E	3	c	4	38	30	-	
Roche's Point	30.05	34	E	4	c	30.01	-.16	33	32	+ 3	ESE	4	c	4	36	29	-	
Pembroke	30.03	30	ENE	4	bc	30.03	-.08	30	28	+ 3	E	4	csp	3	34	36	-	
Portishead																		
Seilly	29.97	32	ENE	6	o	29.93	-.10	35	33	+ 3	ENE	6	o	6	35	31	-	
France Point	29.95	30	NE	5	o	29.93	-.04	31	30	+ 3	NE	5	o	5	31	28	-	
Hurst Castle	29.94	30	ENE	4	c	29.93	-.01	32	31	+ 3	ENE	6	o	6	35	30	-	
Dover	29.94	32	ENE	6	c	29.96	+ .02	32	31	+ 2	ENE	6	bcg	5	32	29	-	
London	30.00	31	ENE	5	o	29.99	-.01	30	?	+ 2	ENE	3	o	*	31	27	-	
Oxford	30.05	28	NE	2	o	30.05	.00	29	29	+ 2	NE	3	o	*	31	26	-	
Cambridge	30.05	30	ENE	2	o	30.05	.00	29	28	+ 4	ENE	2	o	*	32	25	-	
Yarmouth	30.04	32	ENE	7	c	30.04	.00	31	30	+ 1	ENE	7	og	6	32	28	-	
The Helder	*	*	*	*	*	30.04	+ .01	28	27	+ 4	NE	3	o	*	*	*	-	
Cape Gris Nez	29.93	27	ENE	7	o	29.93	-.03	27	27	o	ENE	6	o	5	30	27	-	
Jersey	29.87	34	NE	4	o	29.86	-.01	32	32	- 2	ENE	5	o	4	35	32	-	
Brest	29.83	39	ENE	3	m	29.83	-.02	34	32	o	ENE	3	o	3	?	30	-	
L'Orient	29.80	34	ENE	5	o	29.82	+ .05	30	30	- 2	ENE	3	m	4	34	27	-	
Rochefort	29.72	42	ENE	4	t	29.76	+ .05	37	36	o	E	4	o	3	48	34	0.43	
Biarritz																		
Corunna	*	*	*	*	*										*	*	*	
Brussels	*	*	*	*	*	29.93	+ .03	26	25	+ 5	ENE	4	o	*	?	?	-	
Charleville	*	*	*	*	*	?	?	23	*	- 5	E	3	o	*	*	*	*	
Paris	29.87	26	E	2	s	29.87	+ .04	25	25	o	E	1	m	*	*	*	-	
Lyons	*	*	*	*	*									*	*	*	*	
Toulon														*	*	*	*	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.25	27	?	SE	4	c	3	Valencia	30.09	37	33	E	3	c	4
Thurso	30.09	30	29	S	1	c	2	Seilly	29.99	33	33	ENE	6	c	6
Scarborough ...	30.18	34	32	ENE	4	c	4	London	30.02	31	?	ENE	5	o	*
Mullaghmore	30.17	34	32	ESE	3	bc	3	Rochefort ...	29.74	39	37	E	4	t	3
Holyhead	30.16	34	32	E	4	b	3								

Pressure has begun to decrease rather briskly at Valencia, but elsewhere there is little change of importance.

Mullaghmore	30.14	32	ESE	4	b	30.07	- .16	32	29	+ 5	ESE	3	o	2	35	26	-
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EXPLANATION OF COLUMNS

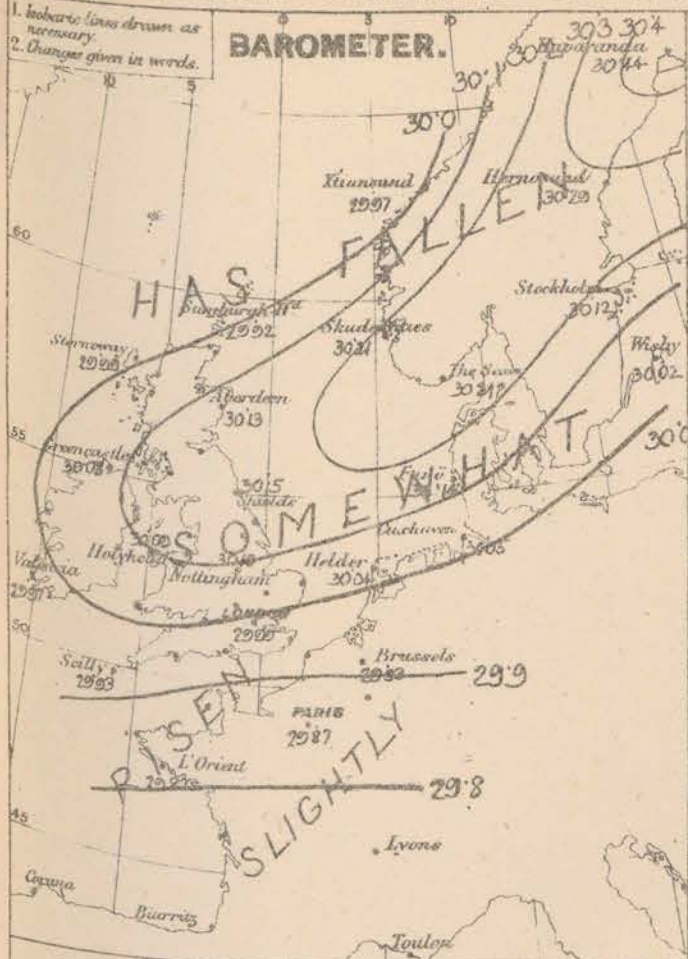
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.
N.B.—The wind is said to "veer" when its direction changes with the sea, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Friday 24th JAN 1879.

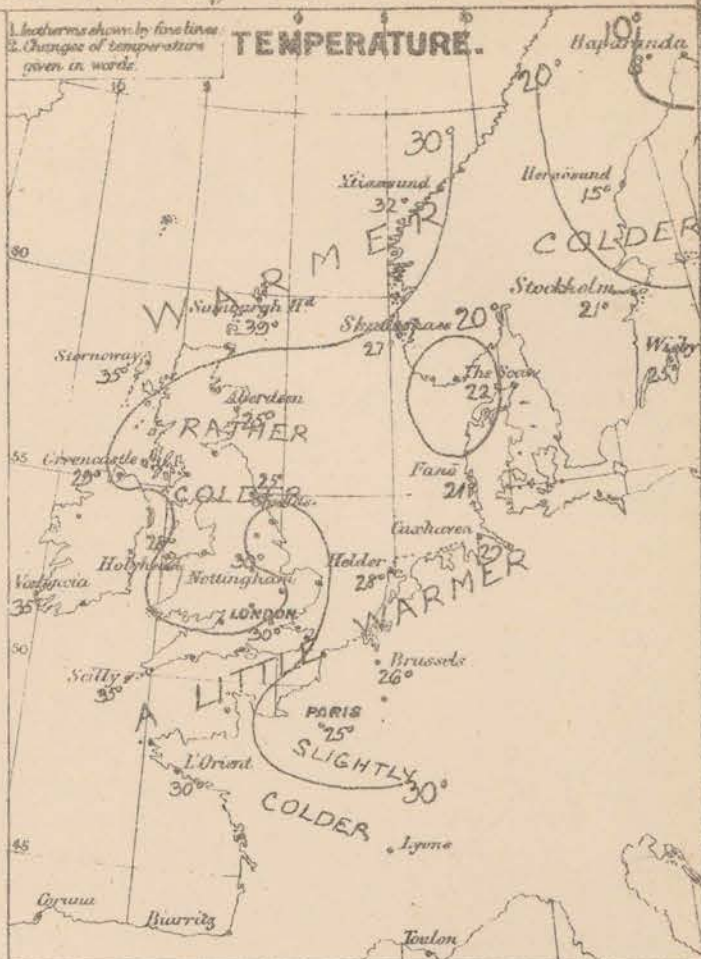
1. Isobars lines drawn as necessary.
2. Changes given in words.

BAROMETER.



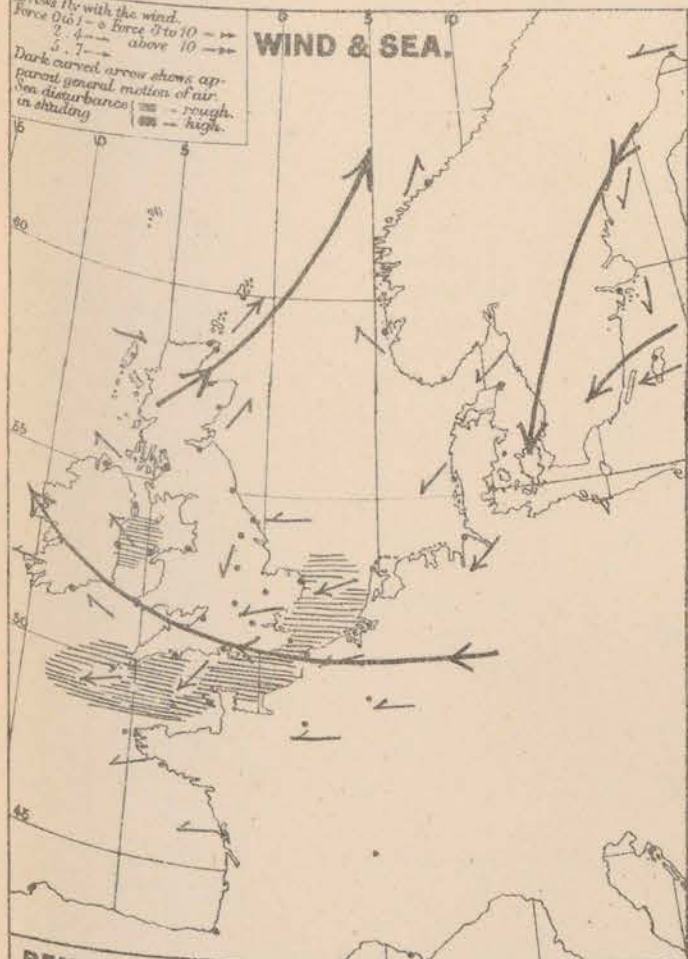
1. Isobars shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



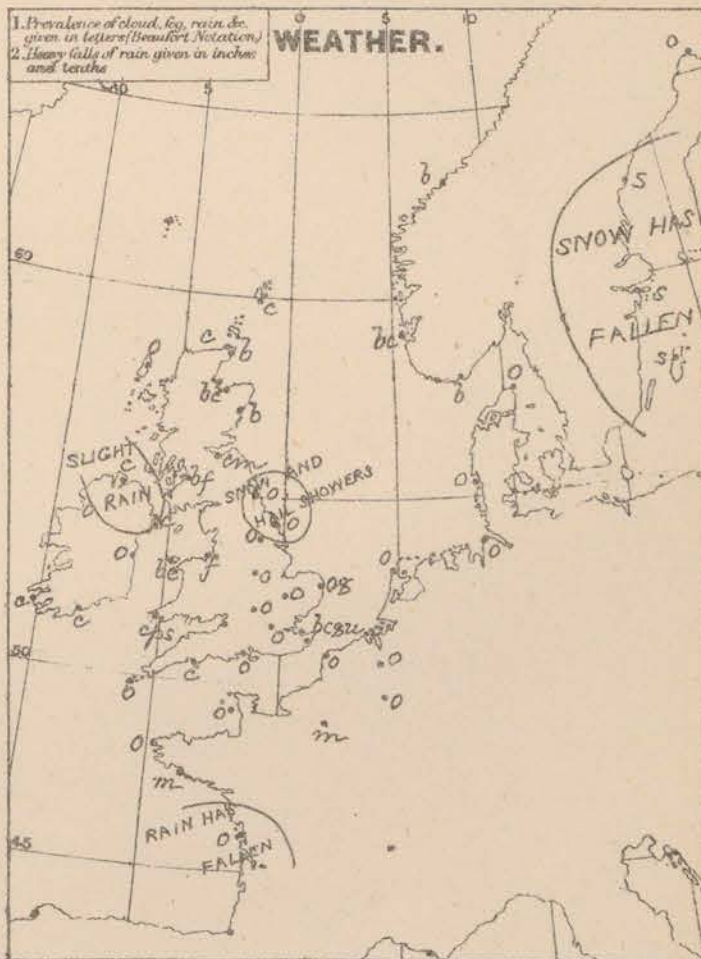
1. Force of the wind.
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WIND & SEA.



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

WEATHER.



REMARKS. Weather is very fine over Norway and at many of the Scotch stations, dull or cloudy elsewhere; mist prevails in a few places and fog over the Clyde. Heavy rain has fallen at Rochfort and very slight snow showers in the north west and north east but the weather has been dry generally. Temperature has fallen over the north of England and south and east of Scotland but has risen in most other places; readings vary from 35° on our north west coast and in the Hebrides to 22° at Leith, while at Oslo the thermometer is as low as 13° and at Haparanda 8° 7'. During last night the lowest temperature in the fleet was 18° at Greenwich, 20° at Leith and 29° in London. Wind ENE in the south, SE over Ireland and SW over Scotland; the E current is strong in the south and south east but in the north and north west light breezes prevail. Sea is rough off Lynmouth and in the Channel, generally slight on our other coasts.

Barometrical Indications. Pressure is nearly stationary at our south eastern stations, but is decreasing slowly and steadily elsewhere. The anticyclone (with highest reading 30.6 in.) is still slow over the north of Sweden, whence a tongue of high pressure extends WSW over the British Isles.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT JAN 25th 1879.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										LAST 24 HOURS		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Inference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	30.31	11	NE	2	S	30.20	- .14	9	9	+ 1	Z	0	S	*	12	?	0.20	
Hernösand	30.31	1	Z	0	δ	30.26	- .03	- 2	- 2	- 17	NE	2	0	*	*	*	-	
Stockholm	30.13	20	N	4	0	30.24	+ .12	11	10	- 10	N	2	δ	*	*	*	0.08	
Wisby	30.02	29	E	9	S	30.15	+ .10	26	25	+ 1	N	8	0	*	*	*	0.16	
Christiansund	29.91	24	S	5	0	29.84	- .13	38	32	+ 6	SSW	6	0	4	39	28	-	
Skudesnaes	30.25	31	SE	4	0	30.25	+ .04	35	33	+ 8	S	6	0	4	?	27	-	
Oxö (Xtiansand)	30.28	15	N	2	δ	30.31	+ .08	17	14	+ 4	NW	2	δ	1	18	9	-	
Skagen (The Seaw)	30.28	24	E	2	0	30.32	+ .11	22	20	0	Z	0	0	0	28	16	-	
Fano	30.26	21	ENE	4	δ	30.31	+ .17	15	14	- 6	NE	4	δ	*	21	14	-	
Cuxhaven	30.21	27	ENE	3	0	30.25	+ .20	25	23	- 2	ENE	3	0	*	27	25	-	
Sumburgh Head	29.99	37	SW	6	0	30.03	+ .11	36	35	- 3	SW	5	0	6	39	35	-	
Stornoway	30.03	32	WSW	4	δ	30.03	+ .04	35	33	0	S	6	0	5	36	30	-	
Thurso	30.10	29	S	1	δ	30.12	+ .09	29	29	- 2	SW	1	0	2	35	20	-	
Wick	30.13	29	SW	1	δ	30.14	+ .10	31	30	+ 1	SW	1	0	0	36	24	-	
Nairn	30.12	27	Z	0	δ	30.15	+ .09	26	26	- 3	SW	1	δ	1	34	24	-	
Aberdeen	30.16	28	WSW	1	δ	30.22	+ .09	29	29	+ 4	WSW	1	0	1	30	25	-	
Leith	30.18	30	Z	0	0	30.22	+ .09	29	29	+ 7	W	1	0	*	31	20	-	
Shield	30.19	33	SE	3	0	30.24	+ .09	34	34	+ 9	SE	1	0	3	35	25	-	
Scarborough	30.18	33	E	4	0	30.20	+ .08	34	33	+ 1	ESE	3	0	4	34	32	-	
York	30.15	31	E	1	0	30.21	+ .08	33	33	+ 3	NE	1	0	*	33	29	-	
Nottingham	30.14	29	ENE	3	0	30.17	+ .07	29	28	- 1	NNE	3	0	*	32	28	-	
Ardrossan	30.18	26	NNE	1	δ	30.22	+ .09	24	23	0	NE	2	bef	1	33	23	-	
Greencastle	30.08	31	S	2	0	30.17	+ .09	32	32	+ 3	SE	2	0	*	34	28	-	
Donaghadee	30.17	33	SSE	3	δ	30.20	+ .07	33	32	+ 1	SE	3	0	2	34	32	-	
Kingstown	30.12	34	SE	2	0	30.20	+ .12	34	31	0	E	3	0	3	36	32	-	
Holyhead	30.12	39	E	2	0	30.18	+ .09	30	28	+ 2	NE	2	0	1	32	28	-	
Liverpool (Mediton)	30.13	30	E	2	0	30.19	+ .08	30	29	+ 1	E	2	0	1	31	29	-	
Valencia	30.05	36	E	5	0	30.18	+ .21	29	27	- 6	SE	2	δ	3	37	28	-	
Roche's Point	30.07	32	E	4	0	30.17	+ .16	32	31	- 1	NE	3	0	4	34	28	0.01	
Pembroke	30.05	30	ENE	3	0	30.13	+ .10	29	27	- 1	NE	2	0	1	31	28	-	
Portishead																		
Scilly	29.97	35	ENE	5	0	30.07	+ .14	36	33	+ 1	NE	5	0	6	36	34	-	
Princes Point	29.98	31	NE	4	0	30.03	+ .10	29	28	- 2	NNE	3	0	4	32	28	-	
Hurst Castle	29.95	32	NE	4	0	30.00	+ .07	30	30	- 2	ENE	3	0	3	35	30	-	
Dover	29.98	32	E	6	0	30.04	+ .05	33	32	+ 1	ENE	4	δ	3	34	34	0.06	
London	30.02	31	ENE	4	0	30.06	+ .07	31	?	+ 4	NE	2	0	*	32	29	0.01	
Oxford	30.05	30	NE	1	0	30.08	+ .03	29	28	0	NE	3	0	*	31	28	-	
Cambridge	30.08	31	ENE	2	0	30.09	+ .04	30	30	+ 1	E	2	0	*	33	28	-	
Yarmouth	30.07	31	ENE	6	0	30.09	+ .05	32	30	+ 1	ENE	6	0	6	32	29	-	
The Helder	*	*	*	*	*	30.10	+ .06	26	25	- 2	NE	4	0	*	*	*	0.16	
Cape Gris Nez	29.94	27	ENE	5	S	29.97	+ .04	28	28	+ 1	ENE	5	0	4	30	27	0.04	
Jersey	29.91	32	ENE	2	W	29.96	+ .10	34	34	+ 2	NE	3	0	3	35	31	0.12	
Brest	29.88	37	ENE	3	0	29.98	+ .15	36	34	+ 2	NE	2	0	3	?	32	-	
L'Orient	29.87	30	E	3	S	29.93	+ .11	34	32	+ 3	NE	2	0	2	34	27	-	
Rochefort	29.82	44	ENE	1	0	29.91	+ .15	37	36	0	ENE	3	0	3	32	32	-	
Biarritz	29.76	32	NNE	3	0	29.85		45	43		ENE	2	0	3	34	41	-	
Corunna	*	*	*	*	*										*	*	*	
Brussels	*	*	*	*	*	29.98	+ .05	29	29	+ 3	NE	2	0	*	29	28	0.04	
Charleville	*	*	*	*	*	29.82	?	33	*	+ 10	ENE	3	f	*	*	*	*	
Paris	29.91	29	E	2	0	29.95	+ .05	30	30	+ 5	ESE	1	0	*	*	*	-	
Lyons	*	*	*	*	*									*	*	*	*	
Toulon	*	*	*	*	*									*	*	*	*	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudeennaes	? 30.28	30	27	SE	6	0	4	Valencia	30.00	35	32	E	3	0	4
Thurso	30.09	32	32	SSE	1	0	2	Scilly	29.95	36	33	ENE	6	0	5
Scarborough	30.17	33	?	E	3	0	3	London	30.01	32	?	ENE	5	0	*
Mullaghmore	30.10	33	32	SE	4	0	2	Roche fort	29.80	43	41	E	2	?	3
Holyhead	30.12	32	29	E	3	0	3								

Pressure has increased somewhat at all stations since the morning, but scarcely any other change has occurred.

Mullaghmore	30.12	30	SSE	4	0	30.16	+ .09	31	30	- 1	SE	4	δ	2	33	30	-
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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 19th to JAN^y 25th 1879.

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

On Sunday and Monday of this week a large anticyclone was shown on the Eⁿ shores of the North Sea, while an area of low pressure, causing a brisk fall of the barometer, was advancing on our SW. coasts. Under the influence of the depression gradients for SE^w winds gradually became steeper and steeper and during Sunday night and Monday, the wind (which was SE^w in the S., and S^w in the W. and N.W.) blew freely generally, and rose to a gale in the W. On Tuesday the barometer fell briskly over France, the lowest readings were reported from the Bay of Biscay, while pressure was very high and still rising over Scandinavia. These conditions produced general E^w winds, and continued with slight modifications until Thursday. On that day and until the close of the week a tongue of high pressure extended WSW^{ly} from the anticyclone over Scandinavia across the North Sea and the British Isles occasioning the appearance of W^w winds in the N., with a continuance of E^w breezes in the S. Temperatures have been below the average for the time of year all through the week, but was inclined to rise somewhat at the close. Frost has been experienced generally though no very severe cold has been registered. The weather has been dry on the whole, but slight snow showers have fallen in the E. and NW.

SUNDAY JAN^y 19th 1879.

Weather still fine in Scotland, cloudy or dull elsewhere, but sky clearing very considerably over England towards evening. Very heavy and continuous rain (2.84 ins.) falling at Valentia and 0.5 ins. at Roches Pt., but scarcely any at our other stations.

Temperatures rather higher than on 18th in S. Ireland, lower in nearly all other places varying from 47° at Valentia to 31° at Nottingham. Maximas between 35° and 40° except in SW. Sharp frost at inland stations.

Winds NE^w to E^w on Eⁿ shores of the North Sea, SE. of England and France; SE^w elsewhere; strong in the W. and N., and a gale at Valentia. Fresh to strong gale in SW. and W. at night.

Sea high off Ushant, the SW. of England and Ireland and at Wick, rough at the other W. and S. ports.

Barometer rising over the greater part of W. Europe, but beginning to fall at Valentia. Anticyclone over Eⁿ shores of the North Sea and depression off our W. coasts. Little change during day.

MONDAY JAN^y 20th

Weather continuing fine and bright in N. of Scotland, cloudy or dull elsewhere, with rain and sleet in Ireland, mist, and gloom in the S. and SE. Snow subsequently falling in the NE. of Scotland, and snow or rain on our W. coasts.

Temperatures fallen generally, several degrees in the NE. and SW., varying from 45° at Valentia to 24° in S. Scotland. Rather sharp frost at central stations at night. Air very keen.

Winds N^w to NE^w to the E^w of the North Sea and over the S. of France, SE^w elsewhere; moderate or light in the E., but blowing strongly in the W., reaching a hard gale at Tilly, and a fresh gale in S. Ireland.

Sea high off Tilly, rough in the W. and SW.

Barometer rises somewhat over North Sweden and E. France, fallen elsewhere. Anticyclone still over Scandinavia, where the barometer stood at 30.5 ins. A depression lay off the SW. of Ireland apparently moving SE^w at night.

TUESDAY JAN^y 21st

Weather fine at several of the Scotch stations, but cloudy or dull elsewhere. Snow falling at Holyhead and Moville, and rain in the Shetlands. Snow in the N. during the day.

Temperatures changed irregularly in these Islands, fallen over Sweden, Denmark, N. Germany and E. of France.

Readings varying from 45° in the SW. to 27° in the SE. Frost at night.

Winds NE^w to the E^w of the North Sea and E^w to SE^w on our own and the French coasts; fresh to strong in W. and S.

Little change throughout the day

Sea rough in S. and SW.

Barometer after falling over the whole of Nth Europe, beginning to rise on our Nth coast. Pressure becoming very high over Sweden, but remaining low over Bay of Biscay. Rising except N. France in evening.

WEDNESDAY JAN^y 22nd

Weather fine at most of the NWth stations and over Central England, dull or cloudy elsewhere, with snow in the NE. of Scotland, rain in the N. of France. Snow showers in N. later.

Temperatures fallen except in the SW. of France; uniformly low over these Islands, varying from 35° in the SW. to 22° at Cambridge.

Maxima very low during day and sharp frost at night.

Wind E^{ly} to ENE^{ly} over the whole country, light in the N. fresh or strong in the S. and W. Little change subsequently.

Sea rough in the S. SW. and NW.

Barometer falling over the SW. of France, as well as the N. of Scotland and W. of Norway, rising elsewhere. Readings very high over Lapland (30.9 in.) lowest over Spain. Very little change later.

THURSDAY JAN^y 23rd

Weather fine at several of the Wth and Nth stations, and in some parts of Scandinavia, cloudy or dull elsewhere, with snow at Mowille and Paris. Very slight snow showers in NW. and NE. during day.

Temperatures fallen generally, uniformly low over Nth Europe. Thermometers not exceeding 36° except at Valencia and in the Shetlands during the day, and frost general at night.

Wind NE^{ly} to E^{ly} over the S. of the British Isles and France, very light SW^{ly} in Scotland, and SE^{ly} in Norway, blowing fresh or strongly at the Sth stations.

Sea rough in the SE., S. and SW.

Barometer rising in the N. and W. of England and W. of France, falling elsewhere. Readings still highest over Scandinavia, where a tongue of high pressure extended NWth over the British Isles. Pressure decreasing all day except in France.

FRIDAY JAN^y 24th

Weather fine in several parts of Scotland and Norway, dull elsewhere with snow in Sweden, mist and fog in some places.

Weather dry generally, but slight snow in SE.

Temperatures has fallen over the NE. of these Islands and NE. of France, rises slightly in most other places. Readings still uniformly low over the United Kingdom and France. Frost at night.

Wind NE^{ly} over Sweden and Denmark, E^{ly} over the S. of the British Isles and France, SE^{ly} in the N. of Ireland and SW^{ly} in Scotland. Blowing strongly in the S. and SE.

Sea still rough in the SE., S. and SW.

Barometer rising slightly in most places. The general distribution little changed.

SATURDAY JAN^y 25th

Weather fine in the extreme N. of Ireland, and in a few other places, dull elsewhere, with mist in many parts of France, snow at Hurst Castle and Jersey. Weather still dry generally.

Temperatures fallen in Sweden, rises in Norway and France, changed irregularly elsewhere; varying from 36° at Tilly, and 38° in the N. of Norway, to 24° at Androssau. Slight frost again general at night.

Wind continuing E^{ly} to NE^{ly} over Denmark, France and the greater part of England and Ireland, SW^{ly} to S^{ly} in the N. Blowing strongly at Yarmouth, Norway and in Norway.

Sea rough in the N. as well as off Yarmouth and the Scilly Islands

Barometer falling over the N. of Scandinavia, rising elsewhere. Highest pressures now shown over the Heega Rock, but tongue of high readings still extending NWth over the British Isles.

Meteorological Office,

116 Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT

JAN 26TH

1879.

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 ...	30.23	15	S	2	5		30.26	+ .06	10	10	+ 1	S	2	0	*	16	9	0.08
Hernösand ...	30.25	1	NE	2	0		30.34	+ .08	6	6	+ 8	SE	0	0	*	*	*	—
Stockholm ...	30.38	11	W	2	0		30.47	+ .09	7	3	— 4	SW	2	0	*	*	*	—
Wisby ...	30.31	20	SE	4	0		30.38	+ .07	26	24	0	SE	4	0	*	*	*	—
Christiansund ...	29.95	34	SW	6	0		30.08	+ .14	36	32	— 2	SSW	4	0	4	37	28	—
Skudesnaes ...	30.30	33	SE	4	0		30.25	— .05	31	30	— 4	SSE	6	0	4	36	?	—
Oxö (Xtiansand) ...	30.34	20	NNW	2	0		30.28	— .06	26	24	+ 9	NE	4	0	2	?	14	—
Skagen (The Skaw) ...	30.37	26	NNW	3	0		30.22	— .15	23	23	+ 1	E	4	5	3	?	16	—
Fanö ...	30.24	21	ENE	6	5		30.20	— .04	29	28	+ 14	E	3	0	*	?	16	—
Cuxhaven ...	30.26	30	E	6	5		30.15	— .11	32	31	+ 7	SE	2	0	*	?	27	—
Sumburgh Head ...	30.06	35	SW	4	0		30.00	— .06	40	39	+ 4	SW	4	0	5	40	33	0.03
Stornoway ...	29.98	35	WSW	5	0		30.00	— .03	38	37	+ 3	S	7	0	5	38	30	—
Thurso ...	30.07	28	SSE	2	0		30.07	— .05	34	33	+ 5	SE	0	0	2	35	27	0.05
Wick ...	30.08	30	SW	1	0		30.08	— .06	35	34	+ 4	SW	2	0	0	36	25	0.03
Nairn ...	30.10	29	SW	2	0		30.09	— .06	35	33	+ 9	SW	2	0	1	36	26	—
Aberdeen ...	30.19	31	SW	1	0		30.13	— .06	28	27	— 1	SW	1	0	1	33	27	—
Leith ...	30.19	31	W	1	0		30.16	— .03	24	24	— 5	SE	0	0	*	31	21	—
Shields ...	30.21	34	ESE	1	0		30.23	— .02	23	23	— 11	WSW	1	0	2	35	23	—
Scarborough ...	30.19	34	E	2	0		30.22	+ .03	34	?	0	NE	1	0	3	34	33	—
York ...	30.20	33	E	1	0		30.24	+ .04	30	30	— 3	N	1	0	*	35	29	—
Nottingham ...	30.27	31	NNE	3	0		30.24	+ .07	30	29	+ 1	N	1	0	*	33	29	—
Ardrossan ...	30.20	29	ENE	2	0		30.19	— .01	30	29	+ 6	ENE	1	0	0	36	24	—
Greenacres ...	30.14	33	SW	2	0		30.09	— .05	32	31	0	WSW	2	0	*	34	30	—
Mullaghmore ...	30.16	33	SSE	2	0		30.13	— .03	32	32	+ 1	SW	1	0	2	35	29	—
Donaghadee ...	30.23	32	SSW	2	0		30.21	+ .02	29	28	— 4	SSW	2	0	1	34	26	—
Kingstown ...	30.21	34	E	1	0		30.22	+ .01	31	29	— 3	NNW	3	0	3	35	30	—
Holyhead ...	30.18	30	SE	1	0		30.21	+ .03	25	24	— 5	S	1	0	0	33	24	—
Liverpool (Bidston) ...	30.20	29	NE	1	0		30.23	+ .03	28	27	— 2	E	1	0	1	32	27	—
Valencia ...	30.20	34	SE	1	0		30.17	— .03	34	32	+ 5	ESE	2	0	3	40	27	—
Roche's Point ...	30.20	29	NE	3	0		30.21	+ .01	31	30	— 1	NE	2	0	3	35	25	—
Pembroke ...	30.15	32	NE	1	0		30.16	+ .01	33	31	+ 4	ENE	1	0	0	34	28	—
Portishead ...																		
Scilly ...	30.10	36	NNE	6	0		30.12	+ .02	39	37	+ 3	E	4	0	6	39	34	0.02
Prawle Point ...	30.10	31	NNE	4	5		30.15	+ .05	35	34	+ 6	NE	3	0	3	35	28	0.02
Hurst Castle ...	30.03	32	NNE	3	8		30.11	+ .08	34	33	+ 4	NE	3	0	3	36	30	0.03
Dover ...	30.05	35	NE	3	0		30.13	+ .08	35	34	+ 2	NE	3	0	2	36	32	—
London ...	30.11	33	NE	3	0		30.17	+ .06	33	32	+ 2	NE	1	0	*	33	30	—
Oxford ...	30.10	31	NNE	1	0		30.18	+ .08	32	31	+ 3	NE	1	0	0	32	28	—
Cambridge ...	30.12	32	NE	1	0		30.20	+ .08	32	31	+ 2	N	1	0	*	34	29	—
Yarmouth ...	30.11	32	ENE	4	5		30.16	+ .05	34	33	+ 2	NE	3	0	3	34	30	0.01
The Helder ...	*	*	*	*	*		30.12	+ .02	29	29	+ 3	NE	1	0	*	*	*	—
Cape Gris Nez ...	30.01	34	S	5	0		30.12	+ .11	36	36	+ 8	ENE	3	0	2	?	28	—
Jersey ...	30.01	36	ENE	2	0		30.09	+ .08	37	37	+ 3	ENE	1	0	4	37	34	0.07
Brest ...	30.03	39	N	2	0		30.04	+ .01	36	34	0	E	2	0	4	?	32	0.16
L'Orient ...	30.01	36	N	2	0		30.06	+ .05	34	30	0	E	2	0	5	37	28	—
Rochefort ...	29.97	45	N	3	0		30.02	+ .05	34	32	— 3	NE	4	0	3	46	32	—
Biarritz ...	29.93	32	NNE	3	0		30.01	+ .08	43	41	— 2	NNE	2	0	4	52	29	—
Corunna ...	*	*	*	*	*				*	*						*	*	*
Brussels ...	*	*	*	*	*		30.11	+ .03	32	31	+ 3	N	1	0	*	33	31	—
Charleville ...	*	*	*	*	*		30.00	+ .18	31	*	— 2	S	1	0	*	*	*	*
Paris ...	*	*	*	*	*											*	*	*
Lyons ...	*	*	*	*	*		29.95	+ .04	32	*	— 1	NE	2	0	*	*	*	*
Toulon ...	*	*	*	*	*											*	*	*

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.30	34	31	S	4	0	4	Valencia ...	30.18	37	34	SE	1	ow	2
Thurso ...	30.13	30	30	SSE	2	0	2	Scilly ...	30.09	36	34	NE	6	osp	6
Scarborough ...	30.22	34	33	E	2	0	3	London ...	30.07	33	32	NE	3	og	*
Mullaghmore ..	30.17	34	32	NNW	2	og	2	Rochefort ...	29.96	36	34	N	3	m	3.
Holyhead ...	30.18	32	30	E	3	0	2								

Scarcely any change has occurred since the morning beyond a slight increase in the wind at Scilly, with showers of snow. At Valencia, however the barometer is inclined to fall.

EXPLANATION OF COLUMNS.

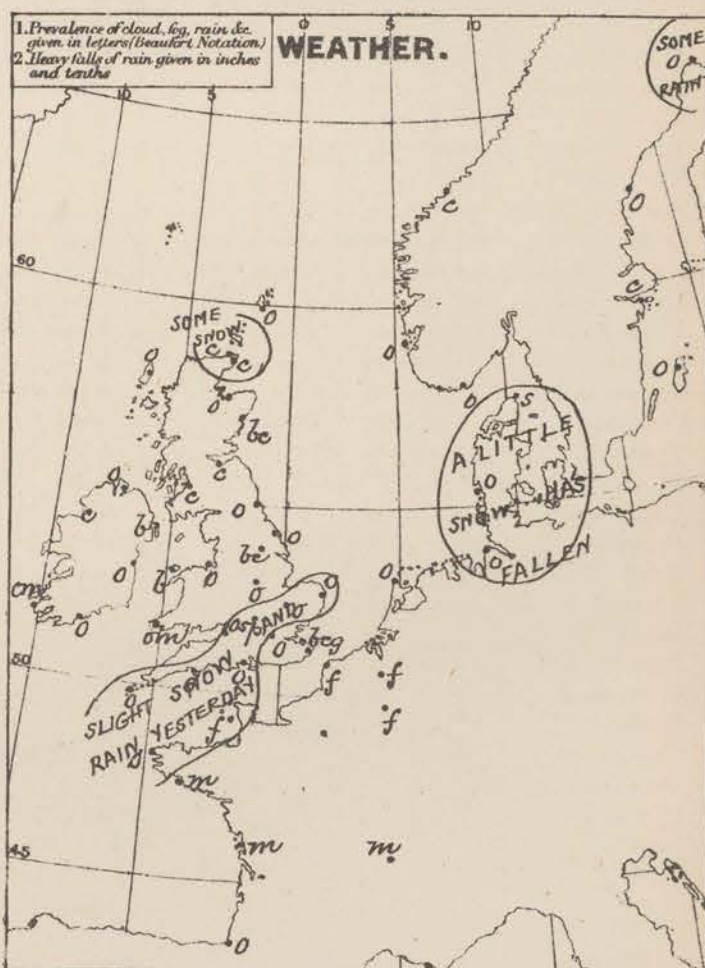
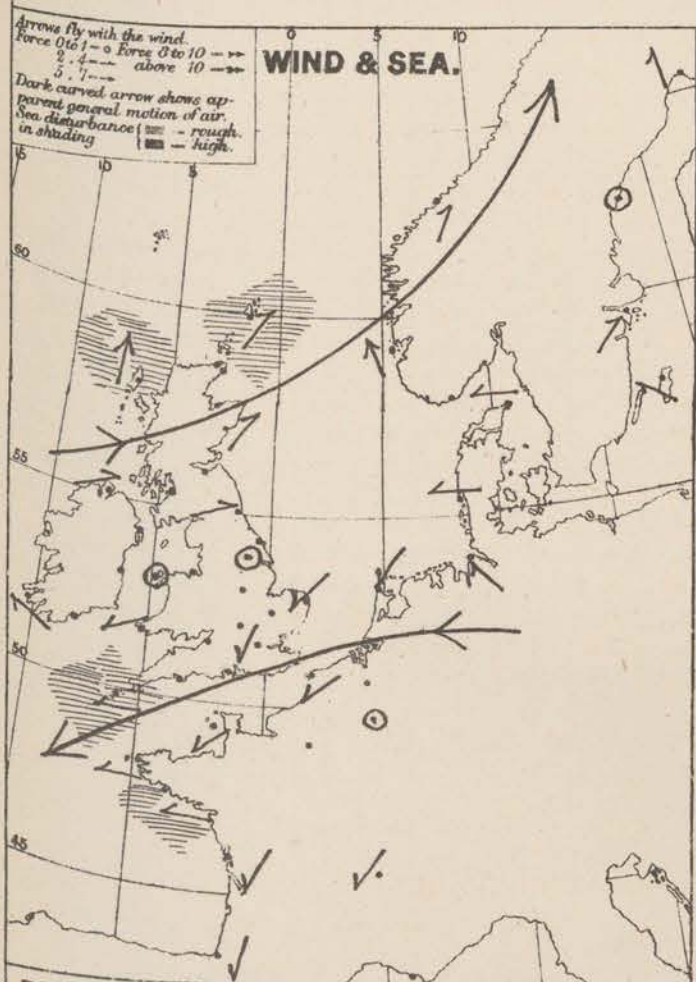
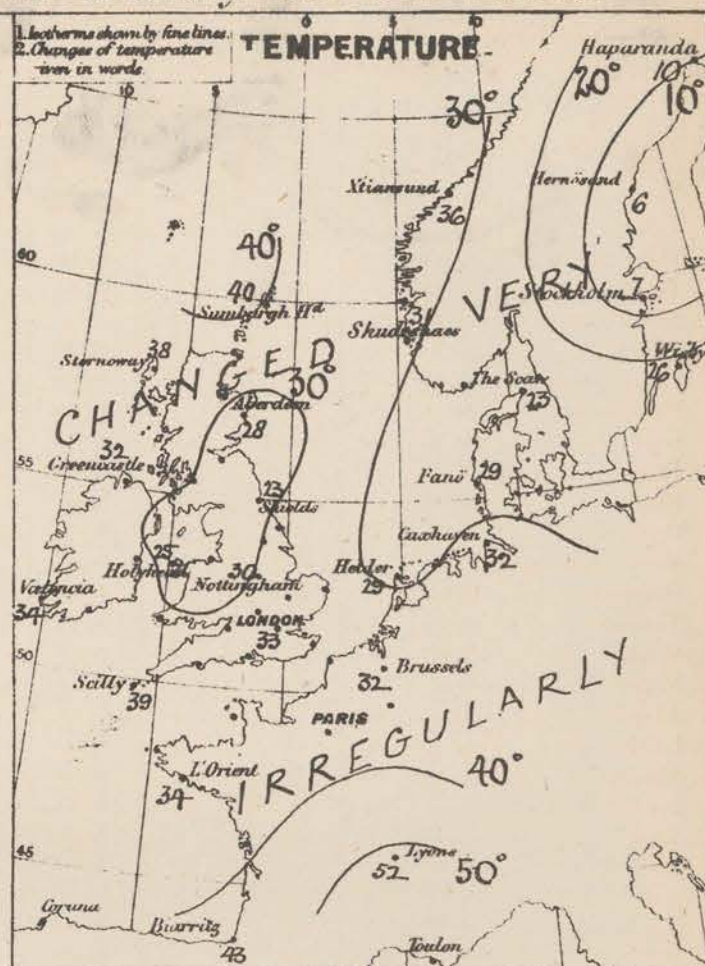
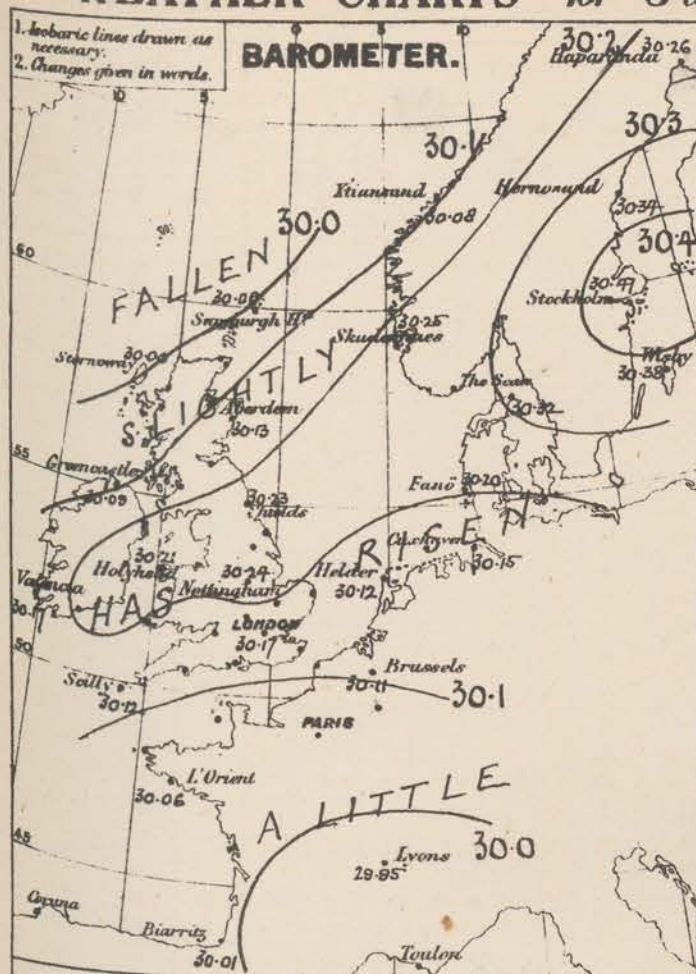
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS *for 8 a.m. on Sunday 26th Jan^y 1879.*



REMARKS. Weather this morning is dull or cloudy at nearly all our stations, with mist at a few places, and snow showers at Ayr. Lightning and a dead fall in the S. and E. during yesterday, but the weather elsewhere was dry. Temperature has again changed irregularly. It has fallen over the N. of England, the E. of Scotland and E. of Ireland, risen in most other districts. Sharp frost prevails in the NE. and readings vary from 40° in the Shetlands, and 39° in the Scilly Islands to 25° at Shields. During last night the thermometer fell several degrees below the freezing point at most stations, even at Rochester, the minimum being as low as 25° . Wind is strong or strong from the S. at Limerick, but is moderate or light in most other parts, generally from the E. in the S. and from WSW in the N. Sea is rough in the N. of Scotland, and off Scilly and Limerick, moderate to slight elsewhere. Barometrical Indications. Pressure is decreasing slightly over Scotland and the W. and N. of Ireland, but is increasing over England - The barometer is high generally, and gradients are nowhere steep.

DAILY WEATHER REPORT JAN 27TH 1879.

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.			
			Dirco.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirco.	Force. (0 to 12).	Max.	Min.			Amount of Rainfall.			
Haparanda ...	30.29	26	S	6	o	30.28	+ .02	27	27	+ 17	S	6	o	*	27	9	—		
Hernösand ...	30.43	14	Z	o	o	30.41	+ .07	8	8	+ 2	Z	o	o	*	*	*	—		
Stockholm ...	30.39	27	SSE	4	o	30.33	— .14	27	27	+ 20	N	2	o	*	*	*	0.04		
Wisby ...	30.25	27	SE	6	o	30.21	— .17	31	30	+ 5	NNN	4	o	*	*	*	0.08		
Christiansund ...	30.16	33	SW	2	o	30.18	+ .10	37	35	+ 1	SW	1	o	4	37	28	—		
Skudesnaes ...	30.36	32	ESE	2	o	30.45	+ .20	32	31	+ 1	E	4	o	3	32	30	—		
Oxö (Xtiansand) ...	30.36	22	NNN	2	o	30.46	+ .18	14	13	— 12	NN	4	o	2	27	10	—		
Skagen (The Scaw) ...	30.34	27	NE	3	o	30.454	+ .12	26	25	+ 3	NNE	2	o	0	27	19	—		
Fanö ...	30.31	29	ENE	4	o	30.47	+ .27	25	25	— 4	NE	1	o	*	32	25	—		
Cuxhaven ...	30.24	33	NNE	1	f	30.42	+ .27	33	33	+ 1	E	1	o	*	?	30	—		
Sumburgh Head ...	30.12	40	SSW	4	o	30.23	+ .23	42	41	+ 2	SW	4	o	4	43	35	0.01		
Stornoway ...	30.05	46	SW	8	o	30.29	+ .29	37	37	— 1	WSW	7	e	5	40	35	—		
Thurso ...	30.14	36	S	2	o	30.31	+ .24	36	35	+ 2	SSW	1	o	2	39	33	—		
Wick ...	30.15	37	SW	1	o	30.31	+ .23	40	39	+ 5	W	2	o	0	41	34	—		
Nairn ...	30.09	35	Z	o	o	30.35	+ .26	35	33	o	W	2	o	1	40	33	—		
Aberdeen ...	30.21	30	SSW	1	o	30.38	+ .25	24	23	— 4	WSW	1	o	*	33	24	—		
Leith ...	30.24	31	N	1	o	30.40	+ .24	30	30	+ 6	W	1	o	*	37	21	—		
Shields ...	30.31	29	SW	1	o	30.48	+ .25	17	17	— 6	Z	o	o	2	34	15	—		
Scarborough ...	30.30	34	NNE	1	o	30.46	+ .24	33	?	— 1	NN	1	o	3	35	32	—		
York ...	30.31	30	N	1	o	30.48	+ .24	29	29	— 1	N	1	o	*	33	28	—		
Nottingham ...	30.31	32	NNE	2	o	30.47	+ .23	32	31	+ 2	NNE	1	o	*	35	31	—		
Ardrossan ...	30.26	35	SSW	2	o	30.45	+ .26	30	29	o	E	2	o	2	37	28	—		
Greencastle ...	30.20	33	SW	2	o	30.40	+ .31	32	31	+ 0.2	SW	1	o	*	37	26	—		
Donaghadee ...	30.27	32	SSW	2	o	30.45	+ .24	26	26	— 3	SSW	2	o	1	35	26	—		
Kingstown ...	30.26	33	SSW	1	o	30.44	+ .22	30	29	— 1	NNN	3	o	3	35	29	—		
Holyhead ...	30.24	31	E	1	o	30.40	+ .19	38	33	+ 13	NN	3	o	2	38	25	—		
Liverpool (Hidston) ...	30.30	31	ESE	1	o	30.44	+ .21	31	30	+ 3	ESE	1	m	1	33	28	—		
Valencia ...	30.23	37	ESE	2	o	30.44	+ .27	37	36	+ 3	NE	1	o	1	41	32	0.02		
Roche's Point ...	30.26	35	N	2	o	30.39	+ .18	32	31	+ 1	N	3	o	3	37	29	—		
Pembroke ...	30.23	35	E	1	o	30.39	+ .23	35	33	+ 2	NNE	1	o	2	36	32	—		
Portishead ...																			
Scilly ...	30.16	41	ENE	4	o	30.32	+ .20	42	40	+ 3	NE	6	o	6	42	38	—		
Prasle Point ...	30.20	35	NE	4	m	30.31	+ .16	34	33	— 1	NE	4	m	4	36	32	0.05		
Hurst Castle ...	30.18	35	NE	2	m	30.29	+ .18	35	35	+ 1	NNE	3	m	3	39	34	0.02		
Dover ...	30.22	38	NE	3	o	30.35	+ .22	36	35	+ 1	E	4	o	3	38	34	—		
London ...	30.22	34	ENE	2	om	30.36	+ .19	35	34	+ 2	ENE	3	o	*	35	33	0.07		
Oxford ...	30.27	33	NE	1	5	30.39	+ .21	33	32	+ 1	NE	1	o	*	33	31	—		
Cambridge ...	30.26	33	N	1	f	30.42	+ .22	33	33	+ 1	NE	1	o	*	35	31	0.02		
Yarmouth ...	30.24	35	ENE	2	o	30.40	+ .24	34	33	o	ENE	2	om	3	35	30	—		
The Helder ...	*	*	*	*	*	30.38	+ .26	31	31	+ 2	NNE	1	o	*	*	*	—		
Cape Gris Nez ...	30.20	36	ENE	4	f	30.34	+ .22	34	34	— 2	ENE	6	m	5	37	34	—		
Jersey ...	30.25	39	ENE	2	m	30.24	+ .15	39	38	+ 2	ENE	3	m	3	39	36	0.02		
Brest ...	30.14	41	NE	1	o	30.21	+ .17	41	41	+ 5	NE	2	o	4	?	32	0.08		
L'Orient ...	30.12	34	ENE	2	o	30.28	+ .14	37	37	+ 3	E	3	o	3	37	27	0.16		
Rochefort ...								32	31		ENE	1	o	?	36	32	—		
Biarritz ...																			
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	30.33	+ .22	32	32	o	ENE	4	f	*	36	32	—		
Charleville ...	*	*	*	*	*	?	+ .20	33	*	+ 2	E	1	o	*	*	*	*		
Paris ...	30.16	34	E	1	o	30.28		35	34		E	1	f	*	*	*	—		
Lyons ...	*	*	*	*	*									*	*	*	*		
Toulon ...														*	*	*	*		
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.																			
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.						
Skudesnaes ...	30.29	30	28	ESE	2	o	3	Valencia											
Thurso								Scilly											
Scarborough ...								London								*			
Mullaghmore ...								Rochefort ...	30.06	37	36	N	4	m	3				
Holyhead																			
Mullaghmore	30.19	35	ENE	4	o	30.42	+ .29	36	35	+ 4	ENE	3	m	3	40	31	—		

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	30.29	30	28	ESE	2	o	3	Valencia ...				
Thurso ...								Scilly ...				
Scarborough ...								London ...				*
Mullaghmore ...								Rochefort ...	30.06	37	36	N 4 m 3
Holyhead ...												

Mullaghmore	30.19	35	ENE	4	o	30.42	+ .29	36	35	+ 4	ENE	3	m	3	40	31	—
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EXPLANATION OF COLUMNS.

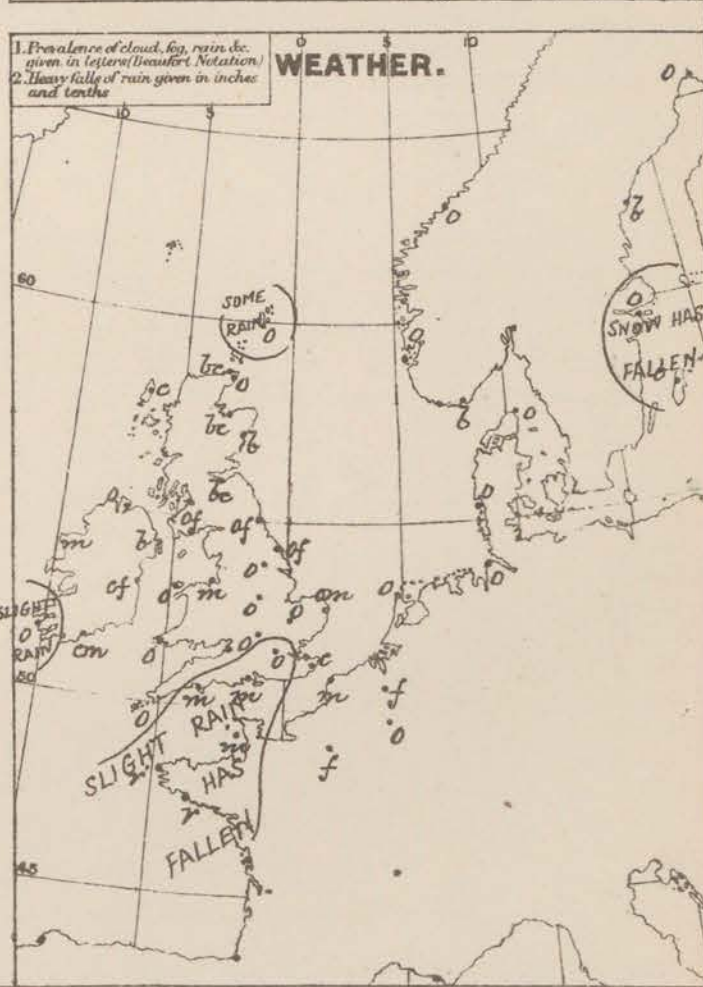
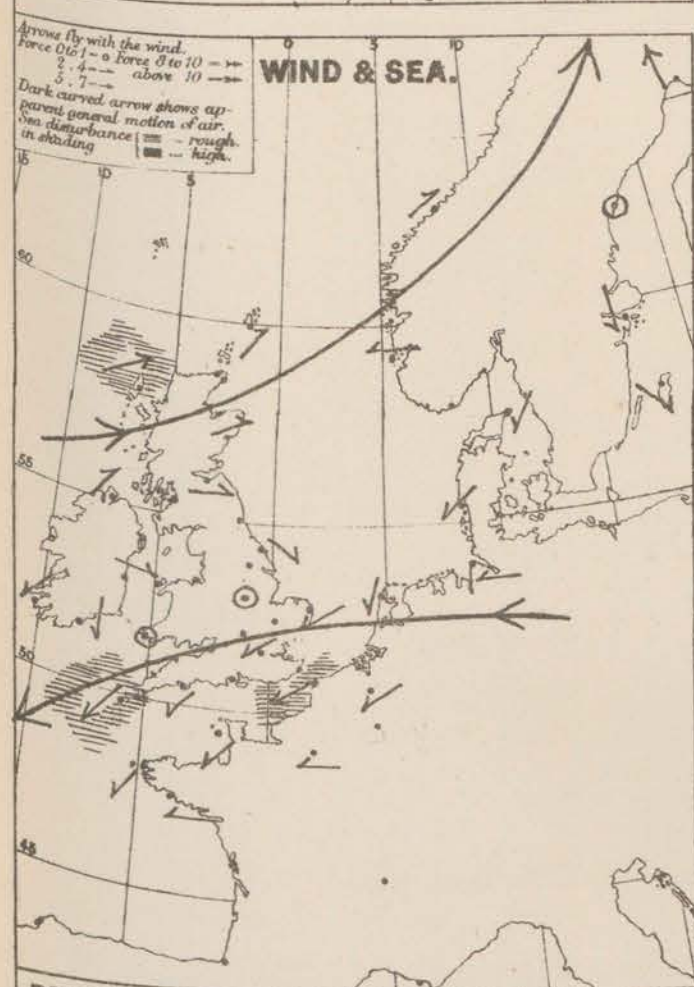
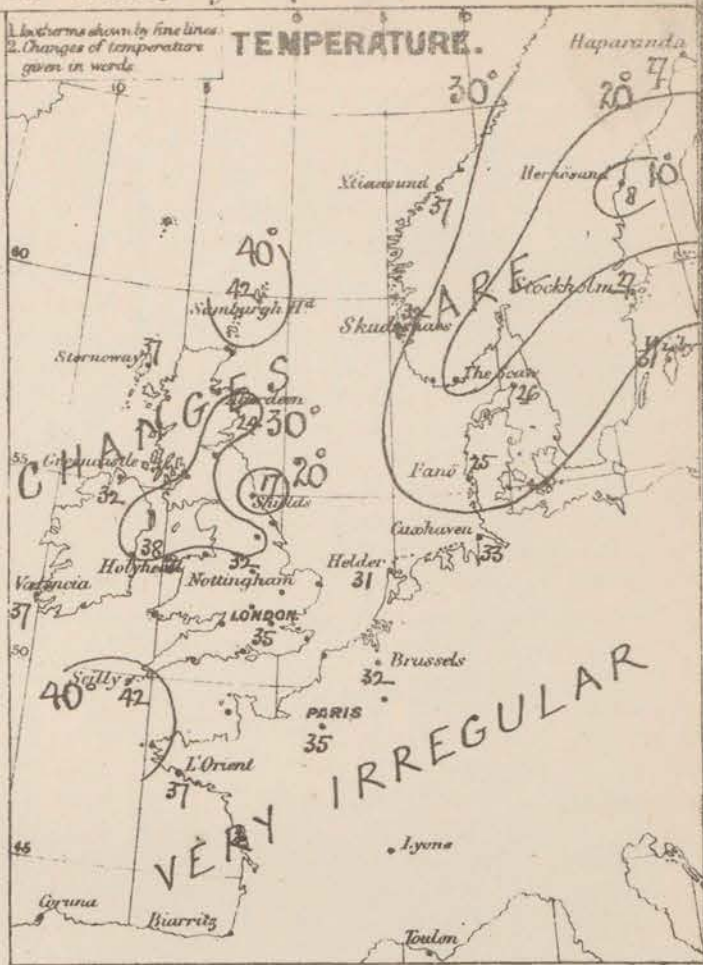
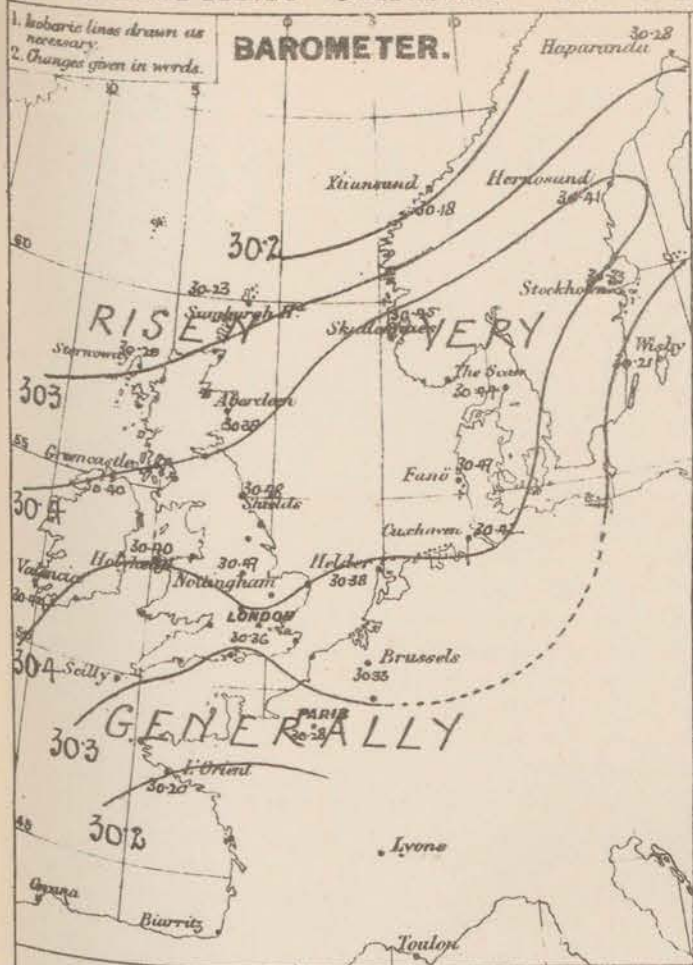
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Monday 27th Jan^y 1879.



REMARKS. Weather this morning is fair in Scotland, generally overcast and dark elsewhere, with fog and haze in the Eⁿ and Sⁿ districts, and rain in the NW. of France. Light rain and sleet fell yesterday at several of the Sⁿ stations. Temperature is very irregularly distributed, being as high as 42° both at Edinburgh 6ⁿ and Sicily, and 35° in the N. of Scotland and S. of England, while at Shields the thermometer is reported as 17° at Oslo 14°, and snow at Kingstown 30°. Wind consists of two distinct currents, one from the SW, prevailing over Scotland, the N. of Ireland, and NW. of Scandinavia, the other from ENE. prevailing over our Sⁿ regions, France and Holland. Between these two currents, and especially over the NE. of England, calms and variable airs are reported. Ice is rough at Sicily, C. Rio Negro, and Norway, slight elsewhere.

Barometrical indications. A decided rise of the barometer has taken place over the whole of our islands during the past 24 hours, and a band of high readings now lies from NW. to ENE. across Ireland and the N. of England, North Sea, and ^{the} part of Scandinavia. Gradients are nowhere steep in our neighbourhood, but the reports from the Sⁿ parts of France have not yet arrived.

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

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

R. H. SCOTT.
Secretary

Secretary

DAILY WEATHER REPORT

JAN 28TH

1879.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS		
	Barometer at 32° F. and Sea Level.	Temp. in shade	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	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	26	S	6	o	30.28	100	20	20	-7	Z	o	?	*	27	19	-		
Herrösand	30.36	1	Z	o	bc	30.39	-02	10	9	+2	NE	2	o	*	*	*	-		
Stockholm	30.38	26	NN	2	o	30.42	+09	12	11	-16	Z	o	o	*	*	*	-		
Wisby	30.30	31	N	8	o	30.32	+11	28	26	-3	NNN	6	o	*	*	*	-		
Christiansund	30.18	40	SN	3	o	30.29	+11	37	36	o	ESE	2	o	5	?	32	-		
Skudesnaes	30.41	34	ESE	4	o	30.31	-14	36	35	+4	ESE	4	o	3	?	32	-		
ØXØ (Xtiansand)	30.42	24	N	2	b	30.36	-10	20	19	+6	NNN	4	b	1	25	?	-		
Skagen (The Seaw)														*					
Fanø														*					
Cuxhaven	30.32	31	E	1	o	30.45	+03	28	27	-5	SE	1	o	*	?	27	-		
Sumburgh Head	30.26	43	N	4	b	30.18	-05	38	37	-4	N	2	bc	2	44	38	0.04		
Stornoway	30.40	39	N	2	b	30.39	+10	38	35	+1	N	4	r	3	42	35	0.20		
Thurso	30.39	38	SN	2	b	30.31	00	41	40	+5	NNN	3	o	4	41	36	0.18		
Wick	30.38	37	N	2	bc	30.29	-02	36	36	-4	NNN	1	o	0	42	34	-		
Nairn	30.40	37	N	2	b	30.37	+02	37	35	+2	N	1	o	1	40	34	-		
Aberdeen	30.43	33	Z	o	bc	30.35	-03	36	34	+12	NNN	1	b	1	37	24	-		
Leith	30.46	33	N	2	bc	30.36	-04	36	35	+6	N	2	om	*	37	29	-		
Shields	30.50	27	N	1	o	30.41	-07	25	25	+8	N	1	o	1	29	17	-		
Scarborough	30.50	35	NNN	1	o	30.41	-05	33	32	o	N	1	f	2	36	33	-		
York	30.50	33	N	1	o	30.43	-05	25	25	-4	NN	1	o	*	35	24	-		
Nottingham	30.47	33	NNE	1	o	30.43	-04	32	31	o	N	1	s	*	35	31	-		
Ardrossan	30.50	34	Z	o	b	30.42	-03	34	33	+4	E	1	bc	0	40	30	-		
Greencastle	30.52	35	S	1	o	30.46	+06	37	35	+5	NN	2	bc	*	38	32	0.03		
Donaghadee	30.54	31	SN	1	b	30.45	00	36	36	+10	NNN	2	o	1	39	26	-		
Kingstown	30.52	37	NNN	3	o	30.47	+03	37	37	+7	NNN	4	o	?	37	28	-		
Holyhead	30.46	36	NE	2	o	30.40	00	36	36	-2	ESE	1	o	1	39	34	-		
Liverpool (Bidston)	30.50	34	E	1	m	30.44	00	29	28	-2	Z	o	bc	1	26	29	-		
Valencia	30.52	39	NE	2	bc	30.50	+06	41	39	+4	NE	3	o	3	47	35	-		
Roche's Point	30.49	35	NNE	3	bc	30.45	+06	35	34	+3	NE	1	o	3	40	32	-		
Pembroke	30.44	37	NE	1	o	30.40	+01	32	30	-3	NNE	1	bc	2	39	32	-		
Portishead																			
Seilly	30.36	42	ENE	6	o	30.35	+03	40	39	-2	ENE	5	o	5	42	39	-		
Prawle Point	30.37	36	NE	5	m	30.35	+04	32	32	-2	NE	5	o	3	37	32	0.06		
Hurst Castle	30.38	35	NE	3	m	30.35	+06	33	32	-2	NE	3	og	3	39	33	-		
Dover	30.40	37	ENE	4	o	30.35	00	35	33	-1	NE	3	bc	2	38	34	-		
London	30.44	35	ENE	3	o	30.39	+03	32	31	-3	NE	2	og	*	36	32	-		
Oxford	30.41	33	ENE	1	o	30.40	+01	31	31	-2	ENE	1	m	*	24	31	-		
Cambridge	30.46	33	NE	1	o	30.39	-03	31	30	-2	NE	1	o	*	35	31	-		
Yarmouth	30.45	30	ENE	3	om	30.39	-01	32	32	-2	ENE	2	o	2	35	30	-		
The Helder	*	*	*	*	*	30.41	+03	28	28	-3	NE	1	o	*	*	*	0.04		
Cape Gris Nez	30.37	34	ENE	5	f	30.33	-01	34	32	o	E	3	o	2	36	32	-		
Jersey	30.32	37	ENE	3	m	30.30	+06	37	36	-2	ENE	3	om	3	39	36	-		
Brest	30.28	41	E	2	m	30.24	+03	37	36	-4	E	3	o	4	?	36	0.04		
L'Orient	30.26	35	ENE	3	m	30.25	+05	34	34	-3	ENE	3	m	3	37	30	-		
Rocheport	30.22	46	ESE	1	m	30.17	+02	37	36	-2	ENE	4	m	3	48	37	-		
Biarritz																			
Corunna	*	*	*	*	*				*					*	*	*	*		
Brussels	*	*	*	*	*	30.33	00	32	32	o	NE	2	f	*	34	31	-		
Charleville	*	*	*	*	*	30.27	?	33	*	o	ENE	3	o	*	*	*	*		
Paris	30.34	35	?	1	o	30.29	+01	34	33	-1	E	1	o	*	*	*	-		
Lyons	*	*	*	*	*	30.20	-06	46	*	+3	NE	2	f	*	*	*	*		
Toulon																			

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.44	34	32	ESE	2	s	3	Valencia ~...	30.48	46	43	NNE	1	bcw	2
Thurso	30.39	40	39	N	2	bcw	3	Scilly	30.35	42	40	NE	6	o	6
Scarborough ...	30.49	36	34	N	1	o	3	London	30.42	36	34	ENE	2	ogm	*
Mullaghmore ...	30.50	39	37	ENE	1	bc.	3	Rocheport ...	30.17	45	43	E	3	m	3
Holyhead	30.45	37	35	NE	3	o	2								

Very little change is reported. An anticyclone seems to be forming off our NW. coasts.

Mullaghmore	30.53	35	NNN	1	bc	30.51	+09	40	39	+4	E	1	o	2	42	32	0.02
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EXPLANATION OF COLUMNS

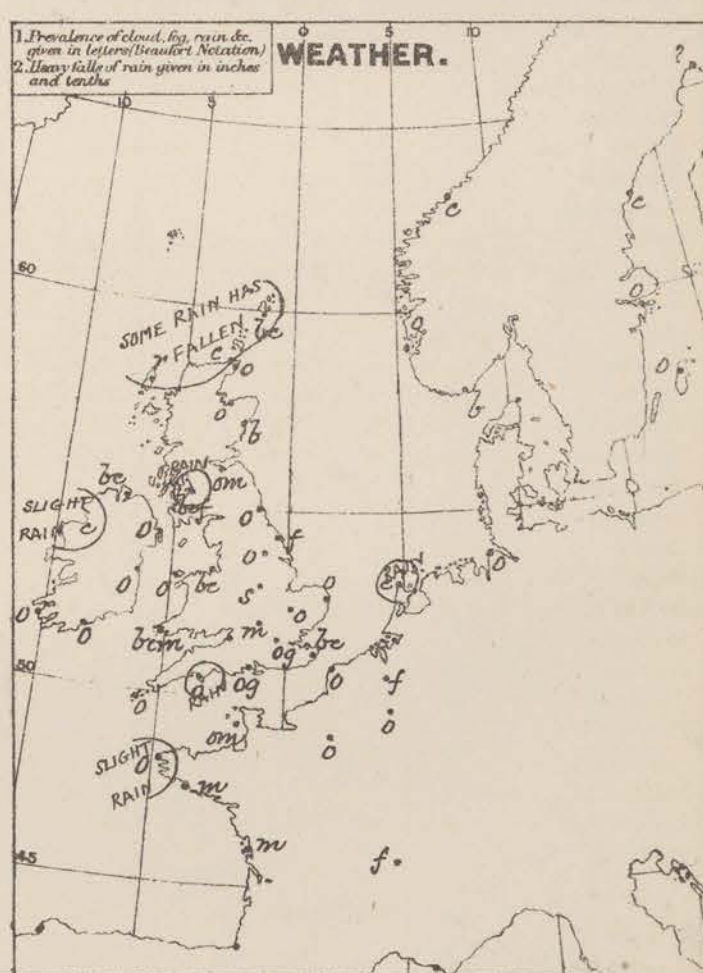
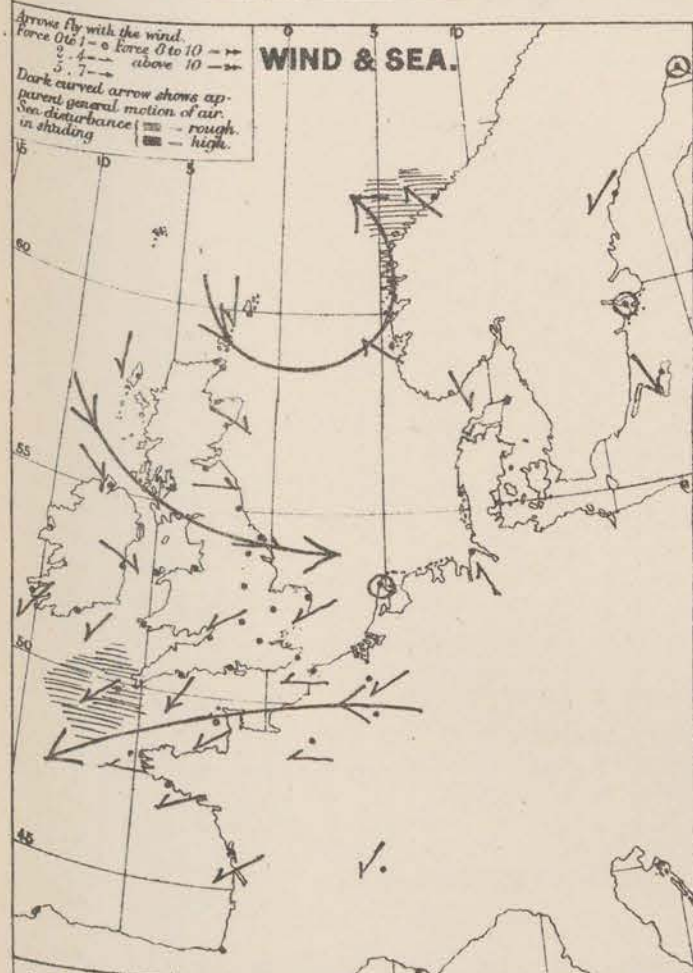
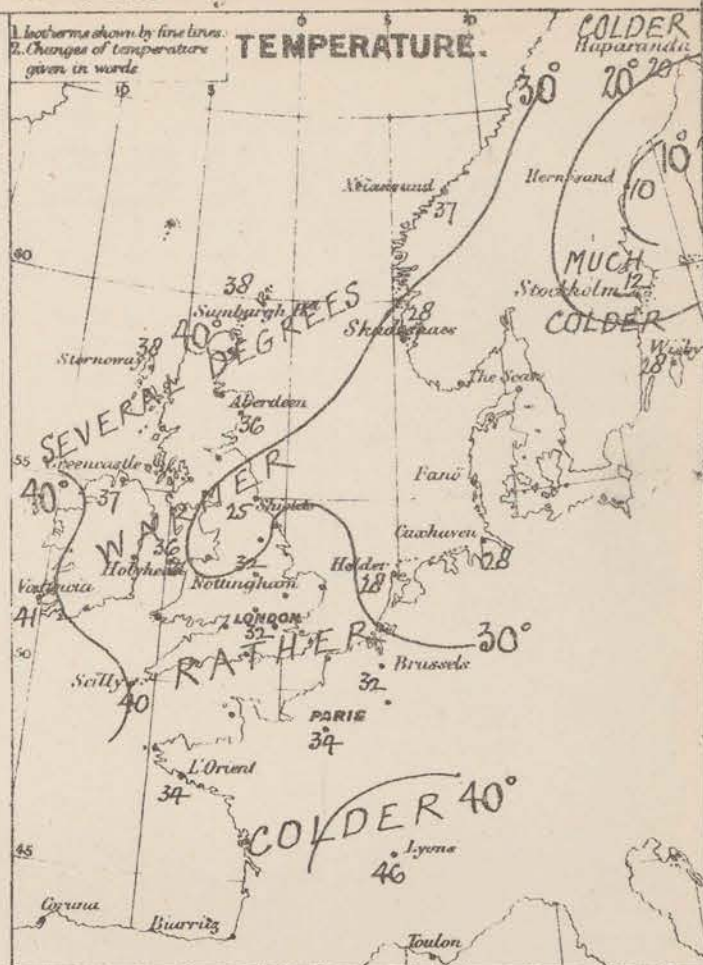
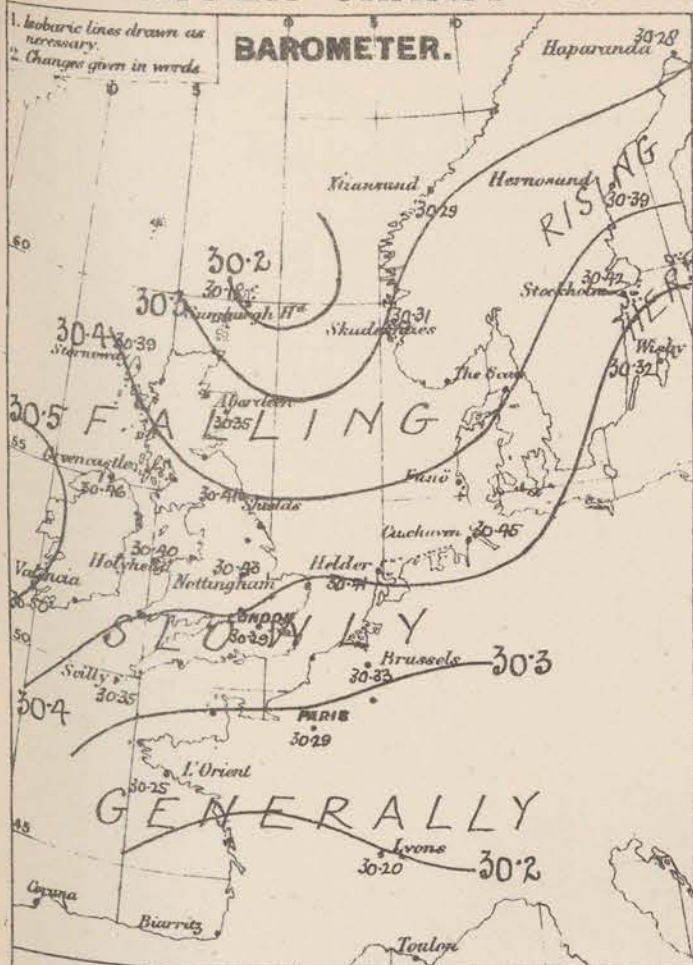
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; p. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Tuesday 28th Jan^y 1879.



REMARKS. Weather is overcast or cloudy generally, with rain at Stormoway, snow at Nottingham, and a gloomy appearance at an SE stations. Rain has fallen on the eastern N coast of Scotland and Ireland, and locally at Newcastle. The temperature has risen a little in the W. and N. fallen in the E. Sharp frost still prevails in the N. of England, the readings at Shields and York being 25°. Wind is moderate from ENE at all the S and W stations, where it is W and NW in Scotland, and almost calm over the N coast of England. Over the E shore of the North Sea the winds are variable. Sea is moderate or slight, except at the mouth of the Channel, and at Rotterdam. Barometrical Indications. The barometer, after rising generally yesterday is falling a little this morning, most in the NE. There is still a band of high pressure (exceeding 30.4 in.) lying across our Islands and the North Sea, while still higher values prevail over the Atlantic, and to the W of Ireland. A small depression is found near the Shetlands, causing the fall of the mercury in that region.

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

JAN 29th

1879.

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.
			Dirce.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).				Max.	Min.	
Haparanda	30.46	22	Z	0	0	30.37	+ .09	17	17	- 3	Z	0	0	*		?	10	-
Hernösand	30.57	10	Z	0	0	30.58	+ .19	10	10	0	Z	0	0	*		*	*	-
Stockholm	30.54	13	NNW	2	0	30.63	+ .21	17	16	+ 5	Z	0	0	*		*	*	-
Wisby	30.45	26	N	4	0	30.48	+ .16	29	28	+ 1	ENE	4	0	*		*	*	-
Christiansund	30.50	32	ESE	1	0	30.59	+ .30	27	26	- 10	SE	1	0	4		?	21	-
Skudesnaes	30.47	35	ESE	1	0	30.60	+ .29	28	28	- 8	NNW	1	0	2		37	7	-
Oxö (Xtiansand)	30.48	25	NNE	5	0	30.64	+ .28	22	21	+ 2	NE	4	0	2		25	18	-
Skagen (The Skaw)	30.50	29	E	3	0	30.61	+ .24	22	21	- 5	ENE	4	0	3		30	16	-
Fanö	30.45	26	ENE	4	0	30.54	+ .09	27	27	+ 5	ENE	4	0	*		27	21	-
Cuxhaven	30.43	29	E	2	0	30.45	.00	31	29	+ 3	ESE	4	0	*		?	25	-
Sumburgh Head	30.34	41	ENE	3	0	30.56	+ .38	40	38	+ 2	SE	3	0	4		42	36	0.01
Stornoway	30.34	29	N	4	0	30.38	- .01	39	37	+ 1	ESE	3	0	3		41	37	0.10
Thurso	30.33	41	N	3	0	30.57	+ .20	37	36	- 4	SE	3	0	4		45	37	0.08
Wick	30.31	38	NNE	3	0	30.57	+ .22	39	37	+ 3	SE	3	0	3		43	34	0.09
Nairn	30.31	37	N	2	0	30.42	+ .05	34	33	- 3	N	1	0	1		39	34	0.09
Aberdeen	30.24	37	NN	2	0	30.49	+ .14	36	33	0	SSE	3	0	3		39	35	0.12
Leith	30.29	35	N	2	0	30.38	+ .02	34	34	- 2	E	3	0	*		45	32	0.03
Shields	30.32	34	SW	2	0	30.42	+ .01	35	33	+ 10	SE	3	0	3		36	25	0.03
Scarborough	30.32	34	Z	0	0	30.38	- .03	33	33	0	E	4	0	3		36	32	-
York	30.34	32	N	1	0	30.39	- .04	32	32	+ 7	E	1	0	*		33	24	-
Nottingham	30.33	32	N	1	0	30.35	- .08	31	30	- 1	NNE	1	0	*		34	29	0.01
Ardrossan	30.31	39	Z	0	0	30.35	- .07	34	32	0	NE	1	0	0		42	32	-
Greencastle	30.34	40	NE	2	0	30.29	- .17	35	34	- 2	E	2	0	*		44	35	0.12
Mullaghmore	30.38	40	NNE	3	0	30.20	- .31	38	36	- 2	ESE	5	0	3		43	35	0.02
Donaghadee	30.37	39	NE	4	0	30.32	- .13	36	35	0	ENE	5	0	4		42	34	-
Kingstown	30.34	40	NNW	3	0	30.34	- .23	37	35	0	E	5	0	4		41	30	0.06
Holyhead	30.31	36	E	1	0	30.27	- .13	34	32	- 2	E	3	0	2		39	33	-
Liverpool (Bidston)	30.33	32	E	1	0	30.32	- .12	31	30	+ 2	E	3	0	1		34	29	-
Valencia	30.35	42	NE	2	0	30.13	- .37	35	33	- 6	NE	1	0	2		47	31	-
Roche's Point	30.34	39	NE	3	0	30.14	- .31	39	37	+ 4	SE	5	0	4		45	33	-
Pembroke	30.29	33	ENE	1	0	30.20	- .20	33	30	+ 1	ESE	3	0	2		35	30	-
Portishead																		
Scilly	30.25	38	ENE	5	0	30.12	- .23	38	37	- 2	ENE	6	0	5		40	37	-
Prawle Point	30.25	32	ENE	5	0	30.15	- .20	33	32	+ 1	ENE	5	0	4		33	31	-
Hurst Castle	30.25	33	E	3	0	30.18	- .17	33	32	0	ENE	4	0	4		36	32	-
Dover	30.27	33	NE	3	0	30.24	- .11	35	32	0	E	3	0	2		36	32	-
London	30.30	34	NE	2	0	30.25	- .14	33	?	+ 1	ENE	2	0	*		34	30	-
Oxford	30.30	32	NE	1	0	30.27	- .13	29	29	- 2	ENE	1	0	*		32	29	-
Cambridge	30.30	32	NE	1	0	30.29	- .10	31	30	0	NNE	1	0	*		35	29	-
Yarmouth	30.31	32	ENE	2	0	30.30	- .09	34	33	+ 2	E	4	0	4		34	30	0.01
The Helder	*	*	*	*	*	30.32	- .09	30	29	+ 2	ENE	2	0	*		*	*	0.08
Cape Gris Nez	30.26	32	E	2	0	30.22	- .11	32	32	- 2	E	2	0	1		34	30	-
Jersey	30.21	36	ENE	2	0	30.12	- .18	34	32	- 3	E	3	0	3		37	33	-
Brest	30.17	41	E	3	0	30.10	- .14	32	32	- 5	E	3	0	3		?	30	-
L'Orient	30.13	34	ENE	4	0	30.05	- .20	32	30	- 2	ENE	3	0	3		37	28	-
Rochefort	30.12	41	NE	4	0	30.00	- .17	37	37	0	ENE	4	0	3		46	36	-
Biarritz	30.07	48	NE	3	0	29.93		41	37		ENE	3	0	3		50	37	-
Corunna	*	*	*	*	*											*	*	*
Brussels	*	*	*	*	*	30.23	- .10	32	31	0	E	2	0	*		33	31	-
Charleville	*	*	*	*	*	30.16	- .11	32	*	- 1	ENE	3	0	*		*	*	*
Paris	30.20	35	Z	0	0	30.17	- .12	34	32	0	E	1	0	*		*	*	*
Lyons	*	*	*	*	*											*	*	*
Toulon	30.11	45	NE	4	0	30.09	- .11	46	45	+ 3	E	4	0	4		46	41	0.16

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.37	37	36	ESE	3	g	2	Valencia ...	30.40	46	43	NE	3	bc	3
Thurso ...	30.32	41	40	NNW	4	c	5	Scilly ...	30.28	39	35	ENE	6	0	5
Scarborough ...	30.35	35	34	X	0	g	1	London ...	30.31	34	33	NE	2	agm	*
Mullaghmore ...	30.42	43	41	NNW	1	c	2	Rochefort ...	30.12	41	39	ENE	4	m	3
Holyhead ...	30.35	38	37	E	1	m	2								

The barometer has begun to fall rather briskly except in the N., but no important change of wind has occurred at present.

EXPLANATION OF COLUMNS.

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

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

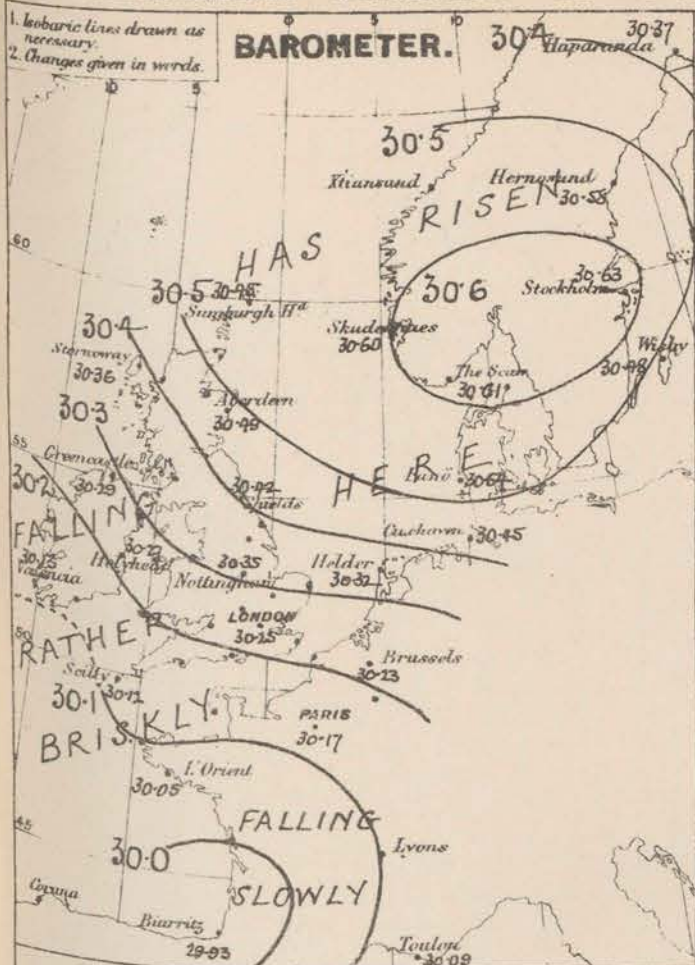
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Wednesday 29. Jan^y 1879.

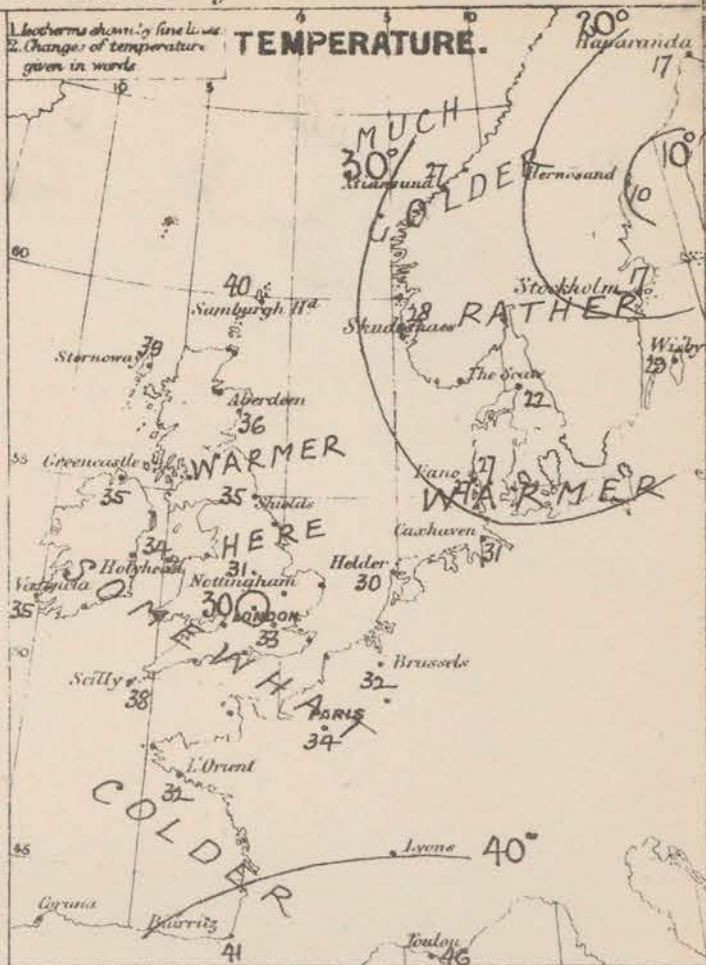
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



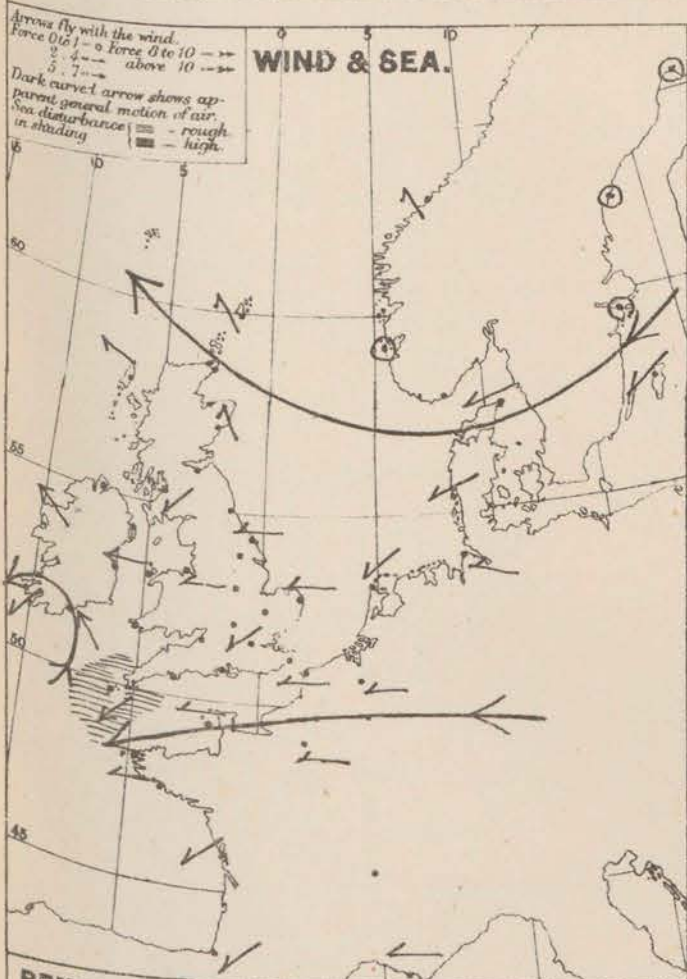
1. Isotherms shown by fine lines.
2. Change of temperature given in words.

TEMPERATURE.



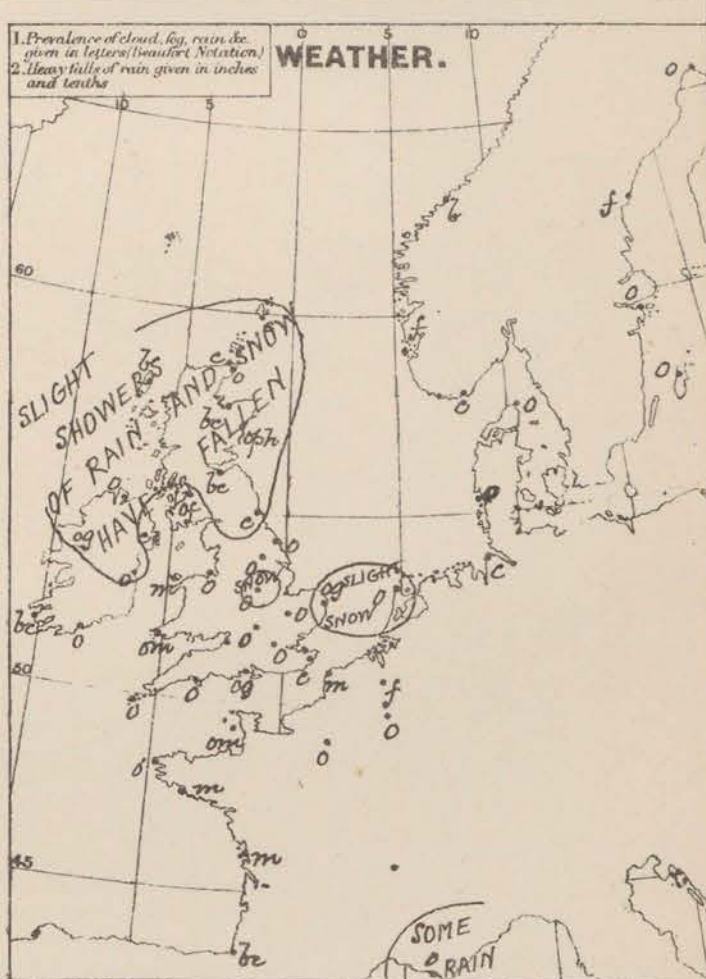
1. Force 0 to 10 - - - - -
 2. Force 10 to 20 - - - - -
 3. Force 20 to 30 - - - - -
 4. Force 30 to 40 - - - - -
 5. Force 40 to 50 - - - - -
 6. Force 50 to 60 - - - - -
 7. Force 60 to 70 - - - - -
 8. Force 70 to 80 - - - - -
 9. Force 80 to 90 - - - - -
 10. Force 90 to 100 - - - - -
- Dark curved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

WIND & SEA.



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

WEATHER.



REMARKS. Weather is clear at Helsingfors and Stockholm; very cloudy and dull in nearly all other places, with hail showers at Aberdeen, and snow showers and a gloomy appearance at several stations. Slight rain, hail or snow has fallen over the N. and E. of Scotland, as well as the NE. of England and Ireland. Temperature has risen over the NE. of England, changed rather irregularly elsewhere, though the general tendency appears to be to fall somewhat; readings vary from 40° in the Shetlands and 39° at Rotherhithe to 29° at Oxford. Slight frost prevailed at the inland stations last night. In London the maximum yesterday was only 34°, and the minimum last night 30°. Wind is E. to ENE. over England, the Channel and France, but draws into SE in some parts of Ireland and over Scotland. It blows fresh in the SW and W. Sea is moderate to smooth except off the Scilly Isles.

Barometrical indications. Pressure is increasing over Scandinavia, and the N. and NE. of the British Isles, but is decreasing elsewhere. A large area of high readings lies over Norway, Sweden and the North Sea, while pressure is low off our SW. coasts, and over the W. of France.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

JAN 30TH

1879.

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	30.06	26	SW	4	δ	30.02	- .35	38	36	+ .21	W	2	0	*	?	14	-		
Hernösand	30.41	34	W	2	0	30.39	- .19	36	35	+ .26	W	2	0	*	*	*	-		
Stockholm	30.59	21	WNW	2	0	30.52	- .11	21	20	+ .4	SSW	4	0	*	*	*	-		
Wisby	30.52	27	E	4	0	30.50	+ .02	26	24	- .3	SSE	4	0	*	*	*	-		
Christiansund	30.62	36	SW	2	0	30.56	- .08	37	36	+ .10	SW	2	0	4	37	23	-		
Skudesnaes	30.66	28	E	1	δ	30.56	- .04	25	24	- .3	NNE	2	0	2	30	?	-		
Oxö (Xlänmand)	30.64	30	NNE	1	δ	30.56	- .08	21	21	- .1	WNW	2	0	1	32	19	-		
Skagen (The Skaw)														*					
Fanö														*	?	28	-		
Cuxhaven	30.55	30	E	3	0	30.48	+ .03	31	30	0	E	2	0	*	*	*	-		
Sumburgh Head	30.62	28	SE	2	0	30.59	+ .03	37	35	- .3	SSE	1	0	3	40	34	-		
Stornoway	30.46	37	E	5	δ	30.49	+ .11	36	34	- .3	E	4	0	3	39	34	-		
Thurso	30.59	35	SE	1	δ	30.57	+ .06	35	34	- .2	SSE	1	0	2	40	34	0.03		
Wick	30.57	37	SE	4	0	30.54	+ .03	37	35	- .2	S	3	0	2	41	35	0.01		
Nairn	30.53	34	W	1	0	30.52	+ .10	33	32	- .1	W	1	0	1	37	33	-		
Aberdeen	30.54	36	ESE	3	0	30.53	+ .04	36	33	0	SE	3	0	3	37	34	0.05		
Leith	30.47	34	ESE	3	0	30.45	+ .07	34	33	0	ESE	3	0	*	36	33	-		
Shields	30.45	36	E	4	0	30.46	+ .04	35	33	0	E	4	0	3	37	30	0.01		
Scarborough	30.42	35	ENE	4	0	30.41	+ .03	35	34	+ .2	ENE	4	0	4	36	33	0.04		
York	30.40	34	NE	1	0	30.41	+ .02	34	32	+ .2	E	1	0	*	35	31	0.02		
Nottingham	30.37	33	NE	2	5	30.38	+ .03	32	32	+ .1	NE	3	0	*	34	30	0.01		
Ardrossan	30.44	35	E	3	0	30.44	+ .09	34	33	0	ENE	3	0	1	41	33	-		
Greencastle	30.38	34	SE	2	0	30.37	+ .08	35	34	0	E	2	0	*	37	32	-		
Mullaghmore	30.33	35	ESE	5	7	30.34	+ .14	35	33	- .3	E	5	0	4	38	34	-		
Donaghadee	30.42	34	SSE	5	0	30.42	+ .10	35	34	- .1	E	5	0	4	36	33	0.02		
Kingstown	30.33	36	ESE	4	0	30.34	+ .10	37	34	0	E	4	0	4	37	34	-		
Holyhead	30.33	34	E	3	m	30.35	+ .08	32	32	- .1	E	4	0	3	34	32	-		
Liverpool (Biston)	30.36	34	ENE	2	0	30.38	+ .06	32	31	+ .1	ENE	2	m	1	34	30	-		
Valencia	30.10	40	E	5	0	30.22	+ .09	39	36	+ .4	E	3	0	3	41	33	-		
Roche's Point	30.24	38	ESE	5	0	30.26	+ .12	38	36	- .1	ESE	5	0	4	40	36	-		
Pembroke	30.27	34	ESE	4	0	30.29	+ .09	34	32	+ .1	ENE	2	0	2	35	31	-		
Portishead																			
Scilly	30.13	39	E	7	0	30.19	+ .07	40	39	+ .2	E	6	0	5	40	37	-		
Prawle Point	30.19	35	ENE	5	0	30.23	+ .08	34	32	+ .1	ENE	5	0	4	36	32	-		
Hurst Castle	30.20	35	E	4	0	30.25	+ .07	33	32	0	E	3	0	3	38	32	-		
Dover	30.26	35	ESF	4	0	30.28	+ .04	34	32	- .1	E	4	0	3	36	32	-		
London	30.28	34	E	2	0	30.29	+ .04	33	31	0	ENE	2	0	*	35	30	-		
Oxford	30.29	33	NE	1	0	30.31	+ .04	29	28	0	E	2	0	*	33	29	-		
Cambridge	30.31	33	NE	1	0	30.33	+ .04	32	32	+ .1	ENE	1	0	*	35	30	-		
Yarmouth	30.33	33	E	4	0	30.34	+ .04	33	32	- .1	E	4	0	5	34	31	0.04		
The Helder	*	*	*	*	*	30.36	+ .04	28	28	- .2	NE	4	0	*	*	*	0.08		
Cape Gris Nez	30.19	32	E	4	m	30.28	+ .06	30	30	- .2	E	3	m	2	34	30	-		
Jersey	30.16	34	E	3	0	30.22	+ .10	35	34	+ .1	E	2	0	2	35	33	-		
Brest	30.10	39	E	2	m	30.17	+ .07	32	32	0	ENE	2	m	3	?	28	-		
L'Orient	30.06	34	ENE	3	m	30.15	+ .10	34	33	+ .2	ENE	2	m	3	34	30	-		
Rocheport	30.01	45	ENE	4	0	30.13	+ .13	39	37	+ .2	ENE	3	0	3	?	32	-		
Biarritz	29.99	32	NNE	1	0	30.14	+ .21	46	43	+ .5	SE	3	0	3	34	37	-		
Corunna	*	*	*	*	*									*	*	*	*		
Brussels	*	*	*	*	*	30.27	+ .04	31	30	- .1	ENE	2	0	*	33	30	-		
Charleville	*	*	*	*	*	30.23	+ .27	31	*	- .1	ESE	3	0	*	*	*	*		
Paris	30.18	35	?	2	0	30.23	+ .06	33	32	- .1	E	1	0	g	*	*	-		
Lyons	*	*	*	*	*	30.22		46	*		NE	2	m	*	*	*	*		
Toulon	30.08	46	E	4	0	30.11	+ .02	46	43	0	Z	0	δ	2	45	41	-		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.64	30	30	ESE	1	δ	2	Valencia ...	30.14	40	37	E	3	0m	5
Thurso ...	30.56	39	38	ESE	2	0	3	Scilly ...	30.12	39	38	ENE	6	0	5
Scarborough ...	30.40	35	33	ENE	3	0	3	London ...	30.27	35	34	E	2	0g	*
Mullaghmore ..	30.28	36	34	ESE	5	0mg	4	Rocheport ...	29.99	46	45	E	4	m	3
Holyhead ...	30.31	34	32	E	3	2	2								

Pressure is inclined to increase somewhat in all parts of our islands, but the changes are very slight. The winds are unaltered.

EXPLANATION OF COLUMNS.

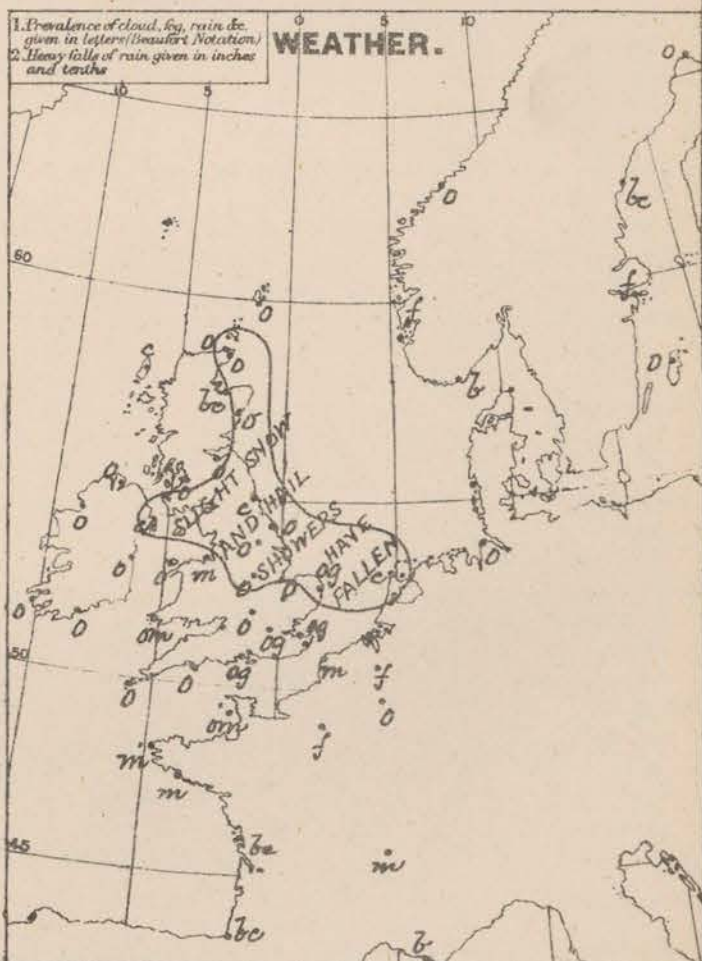
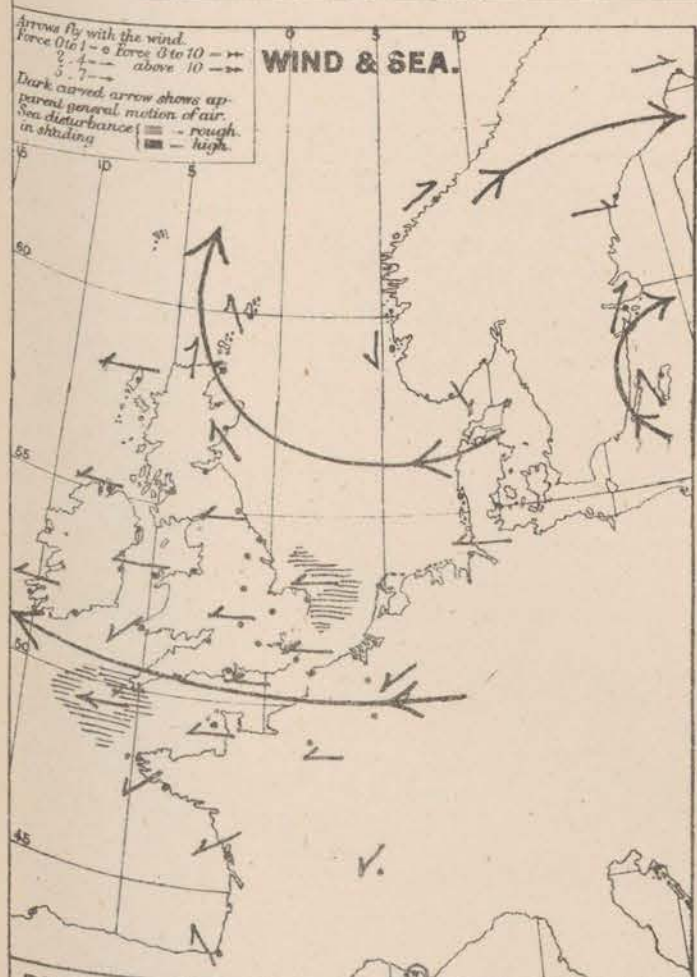
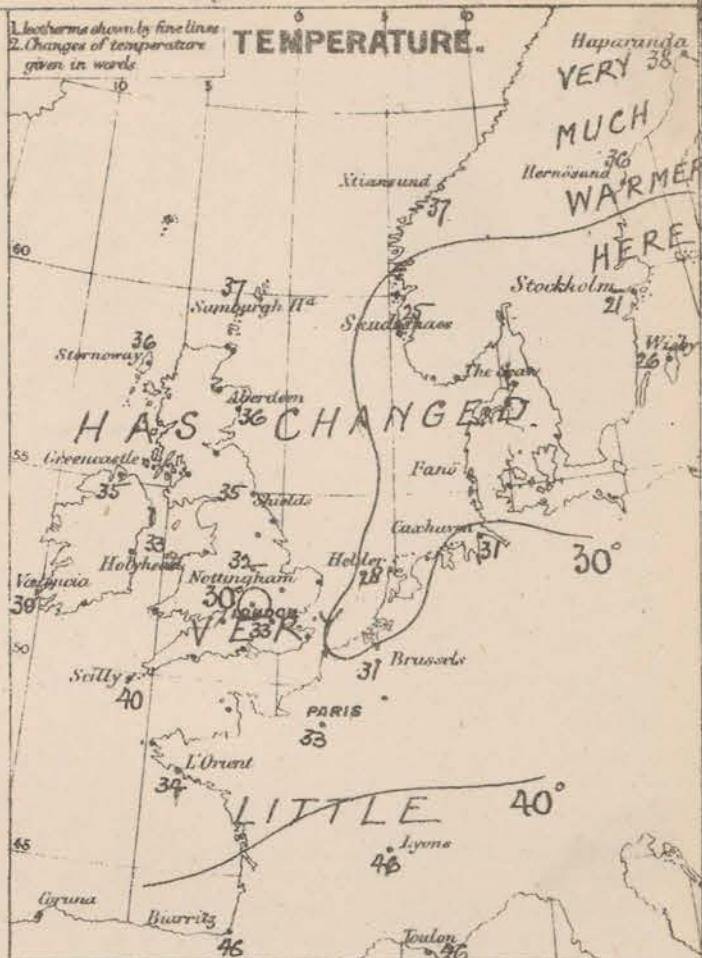
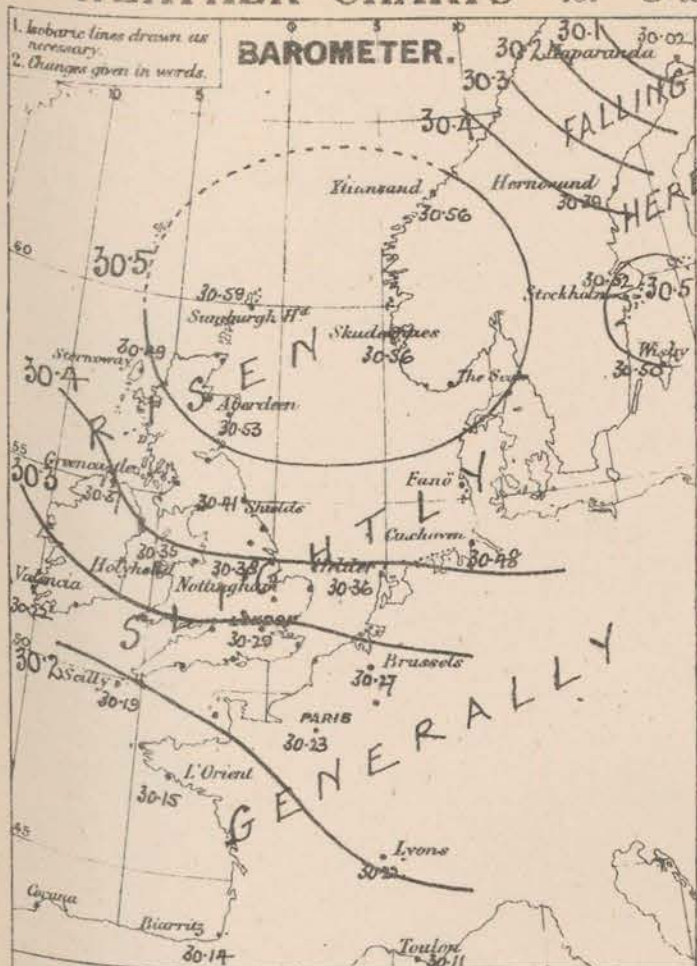
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

WEATHER CHARTS for 8 a.m. on Thursday 30th Jan^y 1879.



REMARKS. Weather continues very dull and gloomy in all parts of our Islands the Channel and Straits of France. Light snow has fallen along our NE. coasts, but on the whole the weather has been dry. Temperature shows no important change in our Islands, and is consequently still low generally, the readings varying from 29° to 32° over the inland parts of England and to 40° at Seely. In the Nth parts of Sweden and Norway, however, it has risen rapidly, as much as 26° at Haparanda, and the reading now at Haparanda is 38°F. Wind remains E. almost all over the United Kingdom and France, but is SE. in the NE. of Scotland. It is somewhat fresh in force over Ireland and England, light in France and variable over Scandinavia. Sea is rather rough on our SW. and SE. coasts. Barometrical indications. Pressure has begun to give way rather briskly over the Nth part of Scandinavia, but is increasing slowly in our Islands. An area of high pressure lies over the E. of Scotland, and S. of Norway, and slight gradients for E. breezes prevail on our coasts.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

JAN 31st 1879.

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	30.06	35	N	2	b	30.28	+ .26	18	18	- 20	N	2	bc	*	29	16	-	
Hernösand	30.36	33	N	0	bc	30.32	- .07	36	36	0	SSW	2	0	*	*	*	-	
Stockholm	30.49	25	SSW	4	0	30.42	- .10	22	21	+ 1	WSW	4	0	*	*	*	-	
Wisby	30.47	23	SW	4	0	30.39	- .11	24	22	- 2	S	4	0	*	*	*	-	
Christiansund	30.47	37	SW	1	0	30.35	- .21	37	35	0	S	1	0	4	39	32	0.04	
Skudesnaes	30.42	31	N	0	0	30.34	- .22	33	32	+ 8	E	4	0	2	?	25	-	
Öxö (Ålmasund)	30.47	34	NNE	2	0	30.39	- .17	24	24	+ 3	N	2	0	1	27	19	-	
Skagen (The Skaw)																		
Fanö	30.42	27	NE	1	0	30.37	- .15	27	25	+ 2	E	4	0	*	?	25	-	
Cuxhaven	30.44	31	ESE	2	0	30.35	- .13	26	24	- 5	ESE	2	0	*	?	25	-	
Sumburgh Head	30.53	37	NE	1	0	30.37	- .22	39	37	+ 2	NNE	2	0	2	39	35	-	
Stornoway	30.42	36	E	3	0	30.36	- .13	33	32	- 3	ESE	2	0	1	38	32	-	
Thurso	30.51	34	SE	2	0	30.42	- .15	37	36	+ 2	NE	1	0	2	38	34	0.03	
Wick	30.48	38	SE	2	0	30.39	- .15	37	35	0	E	2	0	1	38	34	0.10	
Nairn	30.48	36	N	1	0	30.40	- .12	30	29	- 3	N	0	0	1	36	30	-	
Aberdeen	30.46	36	ESE	3	0	30.39	- .14	33	33	- 3	N	1	0	2	37	33	0.05	
Leith	30.39	34	ESE	3	0	30.36	- .09	33	33	- 1	ESE	2	0	*	35	32	-	
Shields	30.43	35	E	3	0	30.38	- .08	35	33	0	E	2	0	3	35	32	-	
Scarborough	30.41	33	ESE	3	0	30.36	- .05	34	33	- 1	ESE	1	0	2	35	32	0.01	
York	30.40	33	NE	1	0	30.37	- .04	31	31	- 3	E	1	0	*	35	29	0.01	
Nottingham	30.37	32	E	1	0	30.36	- .02	30	29	- 2	ENE	1	0	*	33	29	-	
Ardrossan	30.41	35	ENE	2	om	30.36	- .08	34	33	0	E	2	om	1	37	34	-	
Greencastle	30.35	35	ESE	2	0	30.27	- .10	33	32	- 2	E	2	0	*	37	32	-	
Mullaghmore	30.31	35	E	5	0	30.21	- .13	35	33	0	ESE	5	mg	4	35	34	-	
Donaghadee	30.38	34	SSE	5	0	30.34	- .08	32	31	-	SE	5	0	4	35	31	0.12	
Kingstown	30.34	36	ESE	4	0	30.26	- .08	35	33	- 2	ESE	5	0	4	37	34	-	
Holyhead	30.33	33	E	3	m	30.30	- .05	31	30	- 2	S	1	m	0	34	30	-	
Liverpool (Bidston)	30.37	33	E	2	0	30.34	- .04	30	29	- 2	ESE	3	0	1	33	30	-	
Valencia	30.14	41	E	5	om	29.97	- .25	43	40	+ 4	E	6	og	6	44	37	-	
Roche's Point	30.23	40	ESE	5	0	30.11	- .15	41	39	+ 3	ESE	6	0	4	41	37	-	
Pembroke	30.27	33	E	3	0	30.19	- .10	34	32	0	ESE	6	om	3	34	32	-	
Portishead																		
Scilly	30.19	41	E	6	og	30.08	- .11	43	42	+ 3	ESE	7	0	6	43	39	-	
Prawle Point	30.26	34	NE	4	0	30.20	- .03	36	35	+ 2	E	5	0	4	37	33	-	
Hurst Castle	30.36	34	ENE	3	0	30.34	- .01	33	32	0	E	4	0	4	36	32	-	
Dover	30.29	34	E	4	0	30.30	+ .02	32	31	- 2	E	3	0	2	34	31	-	
London	30.32	34	ENE	2	og	30.30	+ .01	31	?	- 2	ENE	3	0	*	34	30	0.01	
Oxford	30.31	31	NE	1	0	30.31	.00	29	29	0	E	1	0	*	32	29	-	
Cambridge	30.34	33	ENE	1	0	30.34	+ .01	30	29	- 2	E	1	ostp	*	34	29	0.01	
Yarmouth	30.35	31	E	5	og	30.32	- .02	32	30	- 1	E	2	0	3	33	29	-	
The Helder	*	*	*	*	*	30.30	+ .06	27	26	- 1	ENE	1	0	*	*	*	-	
Cape Gris Nez	30.30	30	E	2	m	30.29	+ .01	28	28	- 2	ESE	2	0	1	32	28	-	
Jersey	30.26	36	ENE	1	0	30.22	.00	35	32	0	E	2	om	2	37	33	-	
Brest	30.18	39	SE	2	m	30.09	+ .08	37	36	+ 5	ESE	4	0	3	?	30	-	
L'Orient	30.17	37	ENE	2	m	30.16	+ .01	34	34	0	E	3	m	3	39	32	-	
Rochefort	30.11	45	E	1	m	30.12	- .01	41	39	+ 2	E	3	m	3	46	34	-	
Biarritz																		
Corunna	*	*	*	*	*										*	*	*	
Brussels	*	*	*	*	*	30.28	+ .01	28	27	- 3	NE	1	f	*	32	28	-	
Charleville	*	*	*	*	*	30.24	- .02	31	*	0	NE	6	0	*	*	*	*	
Paris	30.26	36	N	0	b	30.27	+ .04	32	32	- 1	E	1	0	*	*	*	-	
Lyons	30.33	35	N	3	m	?	?	32	32	- 1	N	1	f	?	?	32	-	
Toulon	30.07	46	N	4	b	30.10	- .01	43	39	- 3	N	1	0	3	44	?	-	

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	
Skudesnaes ...	30.45	32	31	NNE	1	0	Valencia ...	30.17	41	37	E	4	om	5
Thurso ...	30.54	36	35	SE	2	0	Scilly ...	30.20	40	39	E	6	om	5
Scarborough ...	30.41	34	33	ESE	4	0	London ...	30.30	34	32	ENE	2	ogs.	*
Mullaghmore ..	30.33	35	34	NNE	5	og	Rochefort ...	30.21	45	43	ENE	2	f	3
Holyhead ...	30.35	33	32	E	3	mg								

The barometer has fallen a little in the N. and N., but no other change of importance is noted.

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.

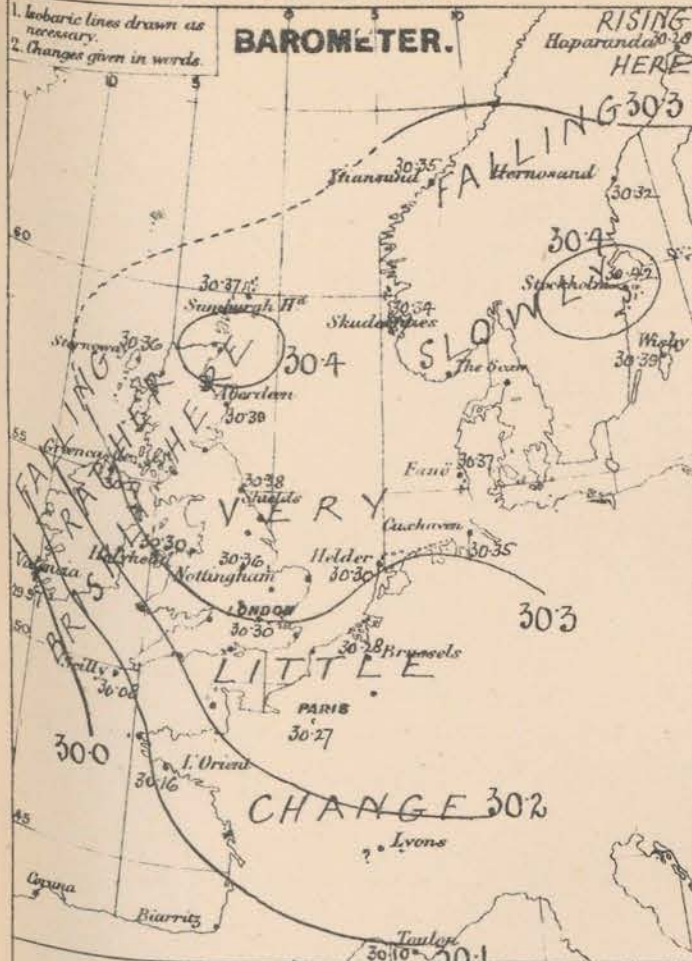
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Fri-day 31st Jan^y 1879.

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

BAROMETER.

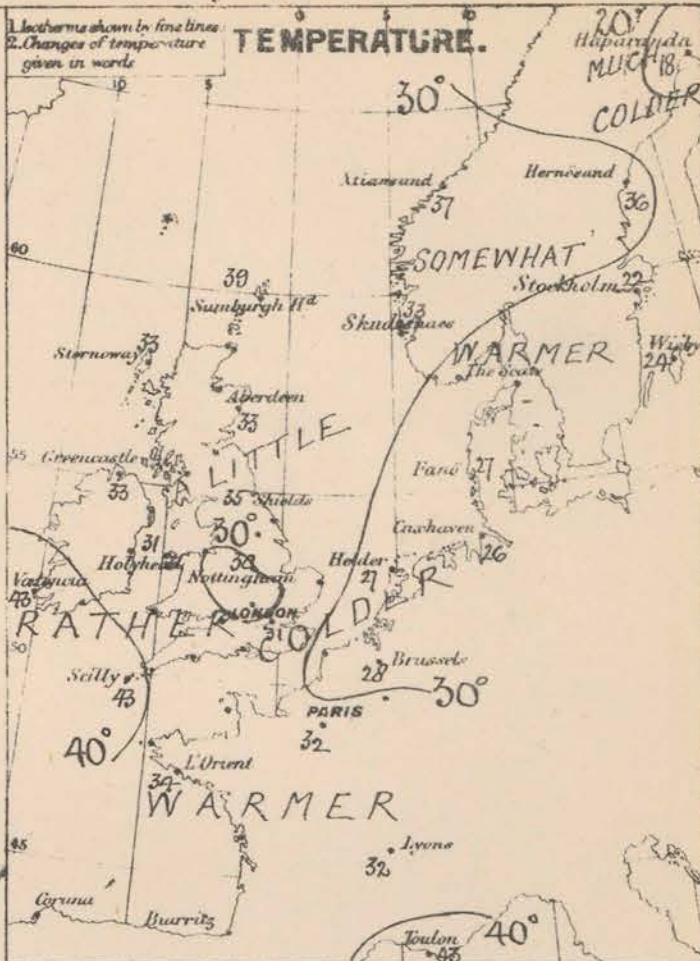
RISING
Haparanda 30.38
HERE



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

TEMPERATURE.

20°
Haparanda
MUCH
COLDER



1. Arrows fly with the wind.
2. Force 0 to 10 --
3. 4 -- above 10 --
4. 5 -- 7 --
5. 8 -- 10 --
6. 11 -- 15 --
7. 16 -- 20 --
8. 21 -- 25 --
9. 26 -- 30 --
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271. 1336 -- 1340 --
272. 1341 -- 1345 --
273. 1346 -- 1350 --
274. 1351 -- 1355 --
275. 1356 -- 1360 --
276. 1361 -- 1365 --
277. 1366 -- 1370 --
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369. 1826 -- 1830 --
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371. 1836 -- 1840 --
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373. 1846 -- 1850 --
374. 1851 -- 1855 --
375. 1856 -- 1860 --
376. 1861 -- 1865 --
377. 1866 -- 1870 --
378. 1871 -- 1875 --
379. 1876 -- 1880 --
380. 1881 -- 1885 --
381. 1886 -- 1890 --
382. 1891 -- 1895 --
383. 1896 -- 1900 --
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405. 2006 -- 2010 --
406. 2011 -- 2015 --
407. 2016 -- 2020 --
408. 2021 -- 2025 --
409. 2026 -- 2030 --
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454. 2251 -- 2255 --
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457. 2266 -- 2270 --
458. 2271 -- 2275 --
459. 2276 -- 2280 --
460. 2281 -- 2285 --
461. 2286 -- 2290 --
462. 2291 -- 2295 --
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464. 2301 -- 2305 --
465. 2306 -- 2310 --
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467. 2316 -- 2320 --
468. 2321 -- 2325 --
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472. 2341 -- 2345 --
473. 2346 -- 2350 --
474. 2351 -- 2355 --
475. 2356 -- 2360 --
476. 2361 -- 2365 --
477. 2366 -- 2370 --
478. 2371 -- 2375 --
479. 2376 -- 2380 --
480. 2381 -- 2385 --
481. 2386 -- 2390 --
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532. 2641 -- 2645 --
533. 2646 -- 2650 --
534. 2651 -- 2655 --
535. 2656 -- 2660 --
536. 2661 -- 2665 --
537. 2666 -- 2670 --
538. 2671 -- 2675 --
539. 2676 -- 2680 --
540. 2681 -- 2685 --
541. 2686 -- 2690 --
542. 2691 -- 2695 --
543. 2696 -- 2700 --
544. 2701 -- 2705 --
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559. 27

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JAN^y 1879

1 REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	† YESTERDAY EVENING.						3 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 52° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	Difference from 32° F. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.		
				Dir.	Force. (0 to 12).				Dry.	Wet.	Difference from 32° F. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
1 st	Fano	29.19	44	WSE	6	3	29.24			40	33		W	6	6	*	43	39	0.04	
2 nd	Coriut	29.67	52	WSE	7	m	30.07	+07		43	41	-5	NNW	4	0	7	55	41	0.28	
	Coriut	*	*	*	*	*	30.30	?		52	*	?	W	3	0	1	*	*	*	
3 rd	Nain	29.80	28	W	1	6	29.57	-16		25	25	-2	Z	0	6	2	30	20	0.15	
	Coriut	*	*	*	*	*	29.99	-31		56	*	+4	SW	6	0	7	*	*	*	
4 th	Haparanda	29.39	21	NE	2	0	29.43	+04		21	21	-4	N	2	0	*	25	18	0.22	
	Hernösand	29.19	26	N	2	3	29.36	+30		24	23	-5	N	6	5	*	*	*	0.04	
	Stockholm	29.15	23	NNW	4	6	29.25	+32		24	23	-4	NW	4	0	*	*	*	-	
	Wibby	29.13	32	NNW	6	6	29.23	+22		32	29	0	NNW	6	0	*	*	*	-	
	Coriut	*	*	*	*	*	30.20	+21		53	*	-3	W	9	0	7	*	*	*	
6 th	Coriut	*	*	*	*	*	30.33	-01		56	*	+3	SW	9	0	5	*	*	*	
7 th	Coriut	*	*	*	*	*	30.24	-09		55	*	-1	W	6	0	5	*	*	*	
8 th	Donaghadee	29.68	34	SSE	7	2	29.66	-26		32	31	-7	SSE	7	6	6	29	31	0.40	
10 th	Skagen	30.42	28	ESE	6	0	30.19	-16		27	25	+1	E	3	0	0	28	25	-	
	Biarritz	29.87	50	NW	6	2	29.56	-16		50	45	+5	W	7	6	6	55	41	0.20	
11 th	Fano	29.75	26	E	4	0	29.58	-32		27	27	+1	ENE	4	0	*	30	23	0.12	
	Coriut	*	*	*	*	*	29.59	?		50	*	?	W	9	0	7	*	*	*	
13 th	Skagen	30.13	30	ESE	6	3	30.22	+23		30	29	+1	ESE	3	0	2	32	25	0.12	
	Fano	30.12	22	ESE	4	0	30.19	+26		23	23	+4	SE	4	6	*	28	18	-	
	Biarritz	30.38	48	ENE	2	6	30.42	+22		41	41	-5	SE	4	6	5	48	36	-	
	Coriut	*	*	*	*	*	30.36	-10		53	*	+10	SW	3	0	1	*	*	*	
14 th	Skagen	30.18	30	SSE	3	3	30.20	-02		31	31	+1	SSE	3	0	3	32	25	-	
	Fano	30.07	30	SSW	6	0	30.15	-04		34	32	+11	S	1	6	*	34	21	0.08	
	Coriut	*	*	*	*	*	30.19	-17		53	*	0	SW	9	0	7	*	*	*	
15 th	Skagen	30.16	32	SSE	4	0	29.99	-21		31	30	0	SE	5	0	5	32	27	-	
	Fano	30.02	33	S	4	0	29.77	-38		33	33	-1	SSE	6	0	*	34	32	-	
	Sunderland Hd.	29.47	43	SSE	6	2	29.38	-39		43	42	+2	SSE	4	0	4	44	40	0.09	
	Coriut	*	*	*	*	*	30.24	+05		50	*	-3	SW	3	0	7	*	*	*	
17 th	Skagen	30.17	31	ESE	4	0	30.27	+21		31	30	-2	E	4	0	5	34	27	-	
	Fano	30.07	30	ESE	4	0	30.21	+32		29	23	-1	NE	4	0	*	30	23	-	
	Coriut	*	*	*	*	*	30.16	?		46	*	?	SW	6	0	7	*	*	*	
18 th	Skagen	30.42	30	ENE	4	0	30.44	+17		29	28	-2	ENE	4	0	5	32	23	-	
	Fano	30.38	41	N	4	6	30.35	+14		30	27	+1	ENE	3	0	*	?	21	-	
	Coriut	*	*	*	*	*	30.20	+04		39	*	-7	SW	3	0	7	*	*	*	
20 th	Coriut	*	*	*	*	*	30.01	+58		?	?	?	SW	3	0	7	*	*	*	
21 st	Coriut	*	*	*	*	*	29.31	-70		51	*	?	S	9	0	1	*	*	*	
22 nd	Coriut	*	*	*	*	*	29.54	+23		47	*	-4	SW	3	0	5	*	*	*	
23 rd	Biarritz	29.56	52	E	2	0	29.68	+43		48	45	-2	ENE	2	6	4	64	45	0.28	
	Coriut	*	*	*	*	*	29.74	+20		51	*	+4	NE	9	0	7	*	*	*	
24 th	Coriut	*	*	*	*	*	29.72	-02		48	*	-3	NE	6	0	7	*	*	*	
	Toulon	29.90	50	E	8	0	29.85	+33		52	50	+2	E	8	0	7	52	50	-	
25 th	Coriut	*	*	*	*	*	29.91	+19		45	*	-3	NE	6	0	5	*	*	*	
	Lyon	*	*	*	*	*	29.91	?		53	*	?	NNW	2	m	*	*	*	*	
27 th	Rockfort	30.07	43	NNE	5	2	30.15	+13		39	37	+5	ENE	3	m	3	50	37	0.36	
	Lyon	*	*	*	*	*	30.26	+31		43	*	-9	N	2	m	*	*	*	*	
	Toulon	30.07	48	E	5	0	30.08	?		46	46	?	E	5	0	5	48	45	0.20	
28 th	Skagen	30.45	24	Z	0	0	30.37	-07		27	26	-9	SSW	3	0	2	28	16	-	
	Fano	30.50	21	Z	0	0	30.45	+01		22	22	-4	SE	3	0	*	27	21	-	
	Coriut	*	*	*	*	*	30.10	?		46	*	?	NE	3	0	5	*	*	*	
	Toulon	30.16	50	E	5	6	30.20	+12		43	43	-3	NE	3	2	4	54	41	0.47	
29 th	Coriut	*	*	*	*	*	29.91	-19		45	*	-1	SW	3	0	2	*	*	*	
30 th	Skagen	30.63	24	SW	2	6	30.55	-06		25	24	+3	W	2	6	1	25	?	-	
	Fano	30.55	24	ENE	4	0	30.52	-02		25	25	-2	E	2	0	*	28	23	-	
31 st	Skagen	29.48	28	SSW	2	0	30.43	-12		26	26	+1	S	3	m	2	28	16	-	
	Biarritz	30.18	54	Z	0	6	30.10	-04		46	43	0	SSE	2	6	3	54	39	-	
	Coriut	*	*	*	*	*	29.95	?		49	*	?	SW	6	0	1	*	*	*	

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

DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.				
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 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.				
							CORRECTIONS.														
2 nd	Valentia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-			
3 rd	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.65			
4 th	Greencastle	-	-	-	-	-	29.54	-37	-	-	-	-	-	-	-	-	-	-			
5 th	Prawle Point	-	28	-	-	-	30.20	+44	-	-	-	-	-	-	-	-	-	-			
6 th	London	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-			
7 th	Shurso	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-			
8 th	Hurst Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-			
9 th	Greencastle	-	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
10 th	Valentia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24			
11 th	Hurst Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	233	-			
12 th	Lumleigh Head	-	-	-	-	-	-	-	-	-	-	-	-	-	298	-	-	-			
13 th	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-			
14 th	Mullaghmore	-	-	-	-	-	-	-	-	-	92	-	-	-	-	-	-	-			
15 th	Lumleigh Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	291	-			
16 th	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.13			
17 th	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01			
18 th	Nairn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-			
19 th	Holyhead	-	-	-	-	-	-	-	44	44	+11	-	-	-	-	-	-	-			
20 th	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	223	-			
21 st	Holyhead	-	-	-	-	-	-	-	-	-	+2	-	-	-	-	-	43	-			
22 nd	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	-			
23 rd	Valentia	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	40	-			
24 th	Valentia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-			
25 th	Oxford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-			
26 th	Prawle Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25			
27 th	Shurso	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	no rain			
28 th	Bonaghadee	-	-	-	-	-	-	-	37	-	-	-	-	-	-	-	-	-			
29 th	YorR	-	-	-	-	-	-	-	42	42	+2	-	-	-	-	-	-	-			
30 th	Greencastle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21			
31 st	Lumleigh Hd.	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-			
1 st	Leilly	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-			
2 nd	Shurso	-	-	-	-	-	-	-	-	-	-	-	-	-	-	239	-	-			
3 rd	Nottingham	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04			
4 th	Hurst Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
5 th	Shurso	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-			
6 th	Greencastle	230.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-			
7 th	Lingetown	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-			