

5732

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER,
1880.



Dangerfield & Co. London

MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH
DAILY TO THE METEOROLOGICAL OFFICE, FROM JULY 1ST TO DEC 31ST 1880.

DAILY WEATHER REPORT

1ST DEC.

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 P.M. at Sea Level.	Temp in shade.	WIND.		Wet. at.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).		at 3 P.M. and Sea Level.	Difference from 8 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Dir.	Force (0 to 12).			Max.	Min.			
Haparanda	29.18	44	SW	2	6	29.53	+28	18	17	-10	N	4	6	*	28	14	-		
Hernösand	29.44	41	WNW	2	6	29.66	+10	39	37	+5	N	2	6	*	41	28	-		
Stockholm	29.78	39	SW	6	6	29.73	-07	37	34	-3	W	6	6	*	43	37	-		
Wisby	29.90	42	W	6	0	29.85	-09	41	39	-1	WNW	4	6	*	45	36	-		
Bodo	29.23	36	SW	6	0	29.70	+61	31	30	-8	E	2	6	1	39	30	0.08		
Christiansund	29.66	41	WSW	9	2	29.78	+29	39	37	-6	SW	4	6	7	46	30	0.67		
† Skudesnaes	30.04	45	WSW	2	0	29.71	-31	41	41	-5	E	6	6	5	46	?	-		
(Oxö (Xiansund))	30.06	42	SW	4	6	29.85	-24	40	40	-4	NW	2	6	2	45	39	0.04		
Skagen (The Skaw)	30.05	43	WSW	4	6	29.85	-21	43	42	+1	SW	3	0	1	45	37	0.12		
Fanö														*					
Cuxhaven	30.40	40	SW	3	6	30.19	-21	37	37	-5	SW	3	6	*	41	32	-		
† Sumburgh Head	29.96	45	W	2	0	29.57	-37	42	41	-3	ESE	6	6	6	46	40	0.41		
† Stornoway	29.84	39	ESE	5	2	29.62	-46	43	43	0	NW	6	6	6	46	38	0.60		
Wick	29.66	40	SSE	4	2	29.57	-55	41	38	-1	W	4	0	3	53	37	0.74		
Nairn	29.90	40	W	0	2	29.62	-52	45	42	+3	SW	2	6	1	50	38	0.57		
† Aberdeen	29.94	44	ESE	1	m	29.71	-48	47	45	+7	SW	3	0	1	49	40	0.30		
Leith	29.94	50	E	2	2	29.76	-46	49	46	+2	SW	2	0	*	55	45	0.42		
† Shields	20.07	49	SW	5	0	29.89	-38	49	46	+3	SW	3	0	1	51	45	0.01		
Spurn Head	30.21	42	SW	5	0	30.05	-30	45	43	-1	SW	5	6	4	48	40	-		
York	30.20	45	SSW	2	6	30.01	-32	46	44	-1	S	1	0	*	52	38	-		
Nottingham	30.26	41	S	3	6	30.08	-29	46	44	+1	SSW	4	0	*	50	38	-		
† Ardrossan	29.99	50	SW	5	0	29.80	-40	47	46	+1	WNW	2	2	1	50	42	0.50		
† Mullaghmore	29.88	51	SW	8	0	29.90	-15	46	45	+1	WNW	5	2	4	54	43	0.30		
Donaghadee	30.03	50	SSW	5	6	29.83	-34	47	47	0	SSW	5	2	3	50	46	0.04		
Parsonstown	30.08	49	SSW	2	0	29.97	-17	46	46	-5	WNW	1	2	*	51	46	0.06		
Barrow-in-Furness	30.19	48	SSE	4	0	29.96	-32	48	46	+1	SSW	6	0	5	49	45	0.03		
† Holyhead	30.15	50	SW	6	0	29.92	-33	50	48	0	SW	5	0	4	52	48	-		
Liverpool (Bidston)	30.19	45	SE	2	6	30.00	-30	49	45	0	SSW	5	6	2	51	43	-		
† Valentia	30.06	53	S	7	0	30.03	-09	47	46	-6	NW	3	0	3	54	46	0.22		
Roohe's Point	30.16	50	SSW	6	0	29.97	-25	52	51	+4	SW	5	2	5	52	43	0.19		
Pembroke	30.13	50	SSW	6	0	30.03	-22	51	49	+1	SSW	5	0	5	53	46	-		
† Scilly	30.29	51	SSW	5	0	30.13	-22	50	50	0	S	4	6	5	51	49	-		
Prawle Point	30.35	50	SSW	4	0	30.19	-22	50	49	+2	S	4	6	4	51	45	-		
Hurst Castle	30.39	48	SW	3	0	30.22	-22	48	47	+4	WSW	2	0	4	49	43	-		
† Dover	30.41	45	SW	3	0	30.24	-25	45	44	-3	WSW	4	6	3	48	39	-		
† London	30.38	43	SW	3	0	30.21	-25	45	44	+3	SSW	2	0	*	48	42	-		
Oxford	30.32	47	SW	2	0	30.17	-26	45	44	+5	S	2	6	*	48	40	-		
Cambridge	30.33	39	SW	3	0	30.17	-25	44	44	+6	SSW	1	0	*	49	37	-		
† Yarmouth	30.32	39	SSW	3	0	30.17	-24	44	43	+1	SSW	2	0	2	44	39	-		
The Helder																			
Cape Gris Nez																			
† Jersey	30.43	44	SE	2	6	30.29	-21	42	42	+1	SE	2	6	5	46	40	-		
Brest	30.35	45	SE	3	m	30.22	-19	49	48	+7	SSW	3	6	4	52	?	-		
Lorient	30.34	48	E	3	e	30.24	-18	42	41	+3	SSE	4	6	5	48	37	-		
† Rochefort	30.37	49	ESE	4	6	30.27	-15	42	41	+1	SE	4	6	2	55	32	-		
Biarritz	30.33	48	ESE	5	6	30.25	-13	46	43	+4	SE	4	0	4	55	37	-		
Corunna	*	*	*	*	*				*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.32	-23	34	34	-1	SSW	1	6	*	37	34	-		
Charleville	30.49	36	ESE	3	m	30.38	-17	32	32	-4	SSE	5	6	*	37	32	-		
Paris	30.55	38	ESE	3	0	30.38	-18	34	33	-9	SE	3	0	*	*	*	-		
Lyons	30.51	42	N	1	0	30.42	-16	39	37	+2	SE	1	6	*	46	?	-		
Toulon	30.45	52	E	4	6	30.39	-10	49	47	-2	E	4	6	3	57	48	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.87	43	SSW	6	e	28.70	-33	43	42	0	SSW	4	0	*	45	40	0.06		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.87	43	SSW	6	0		29.70	-33	43	42	0	SSW	4	0	*	45	40	0.06
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

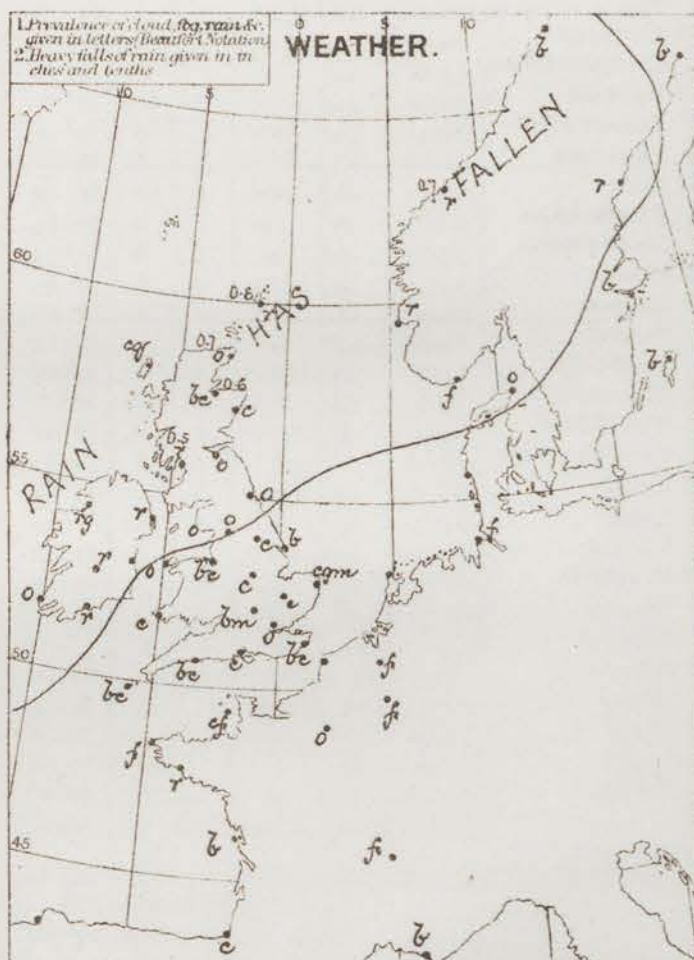
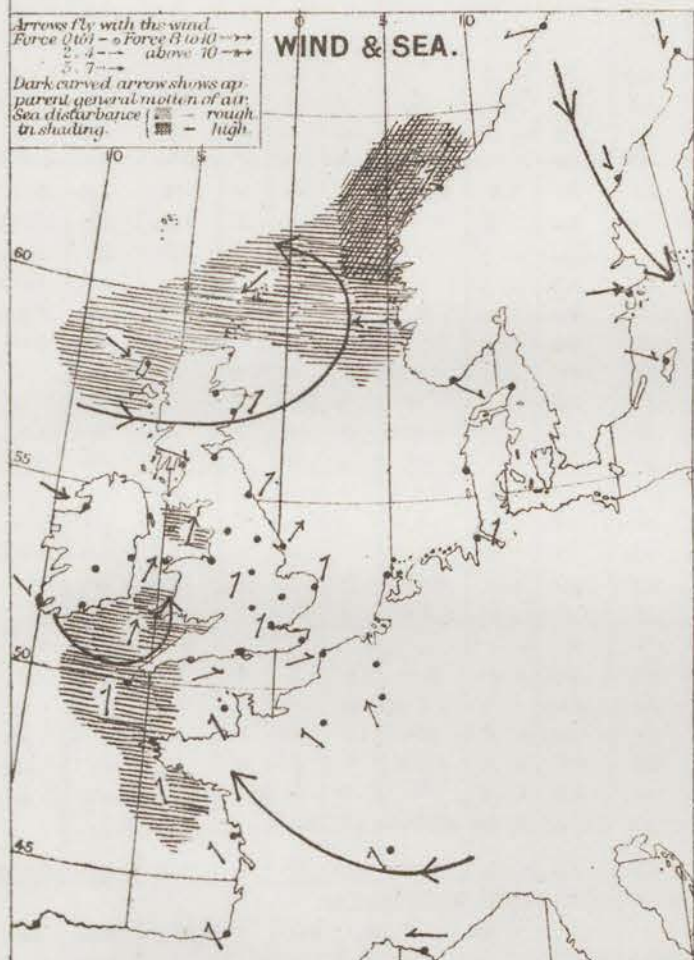
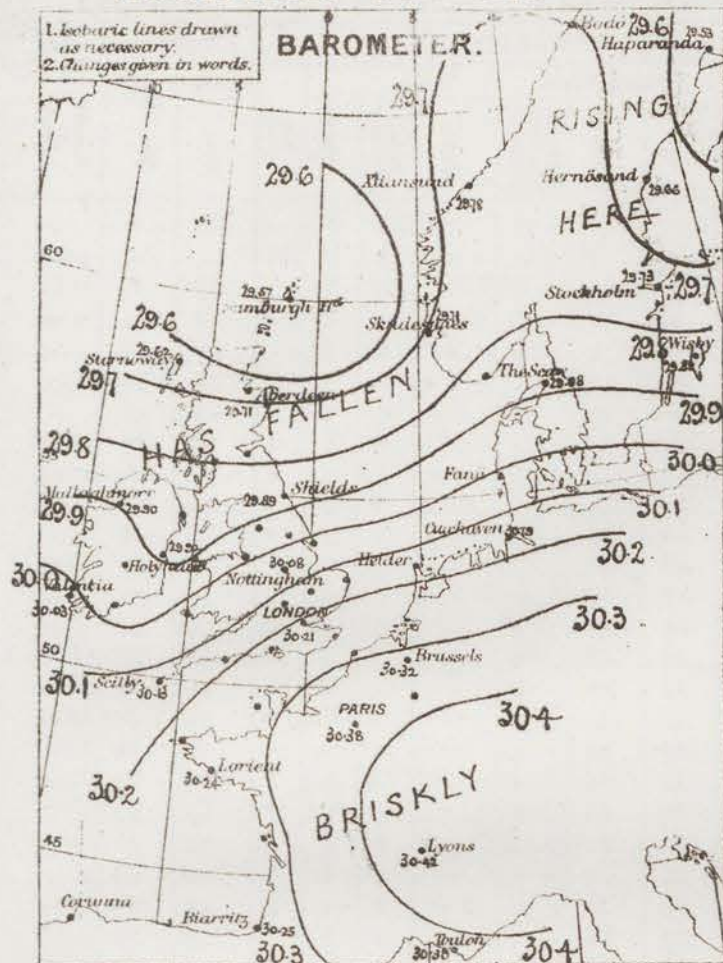
	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.08	46	44	W	5	0 f	6	Valentia ...	30.13	53	51	S	6	0 g	6
Sumburgh Head	29.99	45	42	W	5	0	6	Scilly ...	30.33	51	50	S	6	0	5
Stornoway ...	30.01	45	44	SSW	3	1	3	Dover ...	30.46	40	39	SW	4	0 g	3
Aberdeen ...	30.14	42	41	W	0	2 m	1	London ...	30.42	46	43	SSW	2	6 e	
Shields ...	30.18	49	48	SW	1	0 m	2	Yarmouth ...	30.38	43	42	SW	2	0	2
Ardrossan ...	30.07	46	46	SE	1	1 f	0	Jersey ...	30.48	43	43	SSE	2	f	2
Mullaghmore ...	29.94	53	51	SW	7	0 g	6	Rochefort ...	30.41	54	50	E	4	6	2
Holyhead ...	30.22	50	48	SSW	5	0 m	4								

Pressure is decreasing in most places and a small depression is shown in the NW. The wind is SW⁴ and the weather cloudy with rain over Scotland.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (low); 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark; and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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 DEC^R 1880.



REMARKS. During the past 24 hours the mercury has risen briskly in the N. of Scandinavia, while it has fallen more or less quickly in all other places. The area of highest pressure lies over the E. of France, while a large shallow depression is shown to the N^W of Scotland, and two small subsidiary disturbances over Ireland. The wind is blowing towards NW on our western N^W coasts, and is N. over Scotland, but over France SE¹ to S² breezes are reported, and over England S and SW breezes. On our N^W coasts the wind is fresh or strong, but elsewhere it is light or moderate. Temperature has fallen over the Netherlands, and the countries to the E^W of the North Sea, but has changed rather irregularly over the British Isles. Readings at present range from 52° at Roskeil Pt. to 41° at Wick, and the maxima yesterday were between 50° and 55° except in the N. of Scotland, and the S.E. of England, where they were rather lower. The weather is cloudy or dull at the great majority of stations, rain is falling in Ireland, the N. of Scotland and the N. of Norway, and fog is reported from many parts of France and N. Germany. Rain has fallen in the W and N. The sea is rough in the SW and W.

Subscription for these Charts payable in ad- vance to cover delivery.	Delivery by hand 10/- per quarter. " book post 6/- " "
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*Meteorological Office:
116, Victoria Street, Westminster, S. W.*

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

2nd DEC.

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.90	3	N	2	b	29.91	+38	-10	-10	-28	N	2	b	*	18	-11	-		
Hernösand	29.92	26	NE	4	o	29.81	+15	19	19	-20	NNE	6	s	*	41	19	0.04		
Stockholm	29.73	32	ESE	4	h	29.26	-47	31	31	-6	E	9	s	*	39	2	0.24		
Wisby	29.73	41	WSW	4	o	29.28	-57	42	41	+1	W	6	h	*	43	34	0.12		
Bodö	29.80	24	E	2	b	29.76	+06	21	19	-10	E	4	b	1	32	19	-		
Christiansund	29.50	37	NE	4	o	29.62	-16	34	32	-5	NNE	4	c	4	39	27	0.12		
Skudesnaes	29.44	45	SSW	4	o	29.68	-03	41	35	0	NW	8	c	5	46	41	-		
Oxö (Xiansund)	29.51	45	SSW	6	h	29.50	-35	41	36	+1	WNW	6	b	4	45	37	0.16		
Skagen (The Skaw)	29.57	45	SW	3	o	29.32	-56	43	41	0	NW	6	o	5	45	38	0.24		
Fanö	29.71	46	WSW	6	h	29.71	-31	44	40	-1	WNW	8	b	*	46	43	0.08		
Cuxhaven	30.05	40	SW	5	f	29.88	-31	44	43	+4	NW	4	c	*	3	36	0.01		
Sumburgh Head	29.51	43	NE	6	h	29.90	+33	40	38	-2	NNW	5	c	5	44	38	0.38		
Stornoway	29.83	40	NW	4	o	30.06	+44	35	35	-8	N	1	b	1	45	33	0.09		
Wick	29.62	40	N	7	h	30.03	+46	37	37	-4	W	1	o	2	45	35	0.30		
Nairn	29.79	43	W	2	o	30.03	+41	37	36	-8	W	1	o	1	45	37	0.03		
Aberdeen	29.70	44	W	4	bv	30.03	+32	35	33	-12	W	1	b	2	48	35	0.07		
Leith	29.84	43	NW	2	b	30.08	+32	41	40	-8	W	1	bm	*	50	38	0.10		
Shields	29.84	46	WSW	4	b	30.12	+23	38	37	-11	WSW	2	m	2	52	36	-		
Spurn Head	29.91	47	NNE	4	bc	30.16	+11	40	39	-5	W	4	m	3	50	37	-		
York	29.94	46	W	2	b	30.14	+16	37	36	-9	W	1	b	*	53	35	-		
Nottingham	30.04	36	SW	2	o	30.26	+18	32	31	-14	W	0	f	*	52	31	0.01		
Ardrossan	29.98	44	WNW	4	h	30.11	+31	46	45	-1	W	3	c	2	48	43	0.11		
Mullaghmore	30.04	46	WNW	5	bc	30.17	+27	39	38	-7	SW	3	c	2	48	33	0.07		
Donaghadee	30.02	40	SSW	2	b	30.19	+36	33	33	-14	SSW	3	b	1	47	33	0.10		
Parsonstown	30.12	39	W	0	b	30.22	+26	32	32	-14	W	0	bc	*	48	30	0.04		
Barrow-in-Furness	29.99	46	WSW	5	h	30.18	+22	42	41	-6	NW	3	b	3	50	40	0.03		
Holyhead	30.04	47	WNW	3	b	30.20	+28	40	39	-10	SW	2	b	1	51	39	0.10		
Liverpool (Bidston)	30.01	46	W	3	o	30.22	+22	40	39	-9	WSW	2	b	1	52	39	0.03		
Valentia	30.15	44	NW	1	bc	30.13	+10	46	43	-1	E	3	o	4	52	36	-		
Roche's Point	30.11	44	NNW	3	b	30.17	+20	47	45	-5	SE	4	o	4	52	38	-		
Pembroke	30.07	47	NNW	3	c	30.20	+17	40	40	-11	ENE	2	bc	3	52	39	0.08		
Scilly	30.11	52	WSW	4	h	30.19	+06	50	50	0	ESE	4	h	4	56	47	0.15		
Prawle Point	30.13	51	SW	4	c	30.24	+05	42	40	-8	NNE	3	bc	3	54	39	0.16		
Hurst Castle	30.13	50	W	4	b	30.24	+02	41	40	-7	NE	1	bcm	3	51	41	0.04		
Dover	30.13	48	SW	3	b	30.21	-03	44	43	-1	N	3	b	1	50	43	0.03		
London	30.08	48	SW	3	c	30.23	+02	34	34	-11	W	0	o	*	50	34	0.04		
Oxford	30.08	48	SW	2	h	30.25	+08	36	36	-9	W	1	f	*	53	35	0.01		
Cambridge	30.08	48	SSW	2	o	30.22	+05	37	37	-7	NW	1	c	*	54	35	-		
Yarmouth	30.01	46	SW	3	bc	30.18	+01	36	36	-8	W	2	bm	3	49	35	-		
The Helder	29.99	45	SSW	3	o	30.08	-12	46	42	0	WNW	3	c	2	48	45	0.04		
Cape Gris Nez	30.15	46	S	4	o	30.21		45	44		N	4	c	2	46	38	0.08		
Jersey	30.22	49	SSW	2	fo	30.26	-03	51	51	+9	WSW	3	ond	3	51	42	0.02		
Brest	30.19	50	W	0	b	30.27	+05	53	52	+4	WSW	1	h	2	?	47	-		
Lorient	30.19	47	SSE	3	f	30.21	-03	46	45	+4	E	1	f	4	50	40	0.04		
Rochefort	30.25	49	SSW	4	f	30.30	+03	43	43	+1	SSE	3	f	2	52	38	-		
Biarritz	30.24	53	ESE	4	bc	30.26	+01	51	47	+5	SSW	3	b	3	57	41	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.21	-11	39	38	+5	SW	1	f	*	39	?	-		
Charleville	30.25	33	ESE	1	m	30.24	-14	34	32	+2	SSE	3	f	*	37	30	-		
Paris	30.28	35	ESE	4	o	30.28	-10	42	40	+8	SE	1	o	*	*	*	-		
Lyons	30.37	39	S	1	f	30.37	-05	35	35	-4	SSE	1	f	*	41	35	-		
Toulon	30.34	53	E	4	b	30.32	-07	51	48	+2	W	0	b	2	57	49	-		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	28.68	41	SW	4	bc	28.90	+20	33	33	-10	SW	2	b	*	45	31	0.36		
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	29.56	46	45	SSW	7	h	Valentia ...	30.10	50	47	NN	2	bc	3
Sumburgh Head	29.43	43	42	ENE	6	h	Scilly ...	30.12	53	53	SW	5	o	5
Stornoway ...	29.72	44	43	NNW	5	bc	Dover ...	30.17	46	45	SW	5	cm	4
Aberdeen ...	29.67	48	45	SW	2	bc	London ...	30.11	50	48	WSW	3	og	*
Shields ...	29.80	52	48	WSW	6	bc	Yarmouth ...	30.08	49	47	SW	3	bc	2
Ardrossan ...	29.85	47	46	WNW	3	c	Jersey ...	30.24	45	45	SW	3	f	2
Mullaghmore	29.98	47	45	WNW	5	cp	Rochefort ...	30.25	49	48	SSE	5	f	2
Holyhead ...	29.98	48	47	WNW	6	o								

Pressure is decreasing in all places except our W. and NW. coasts, and the wind draws from NNW. at Stornoway to SW. on our S. and E. coasts. Temperature ranges from 53° at Scilly to 44° at Stornoway and 45° at Jersey.

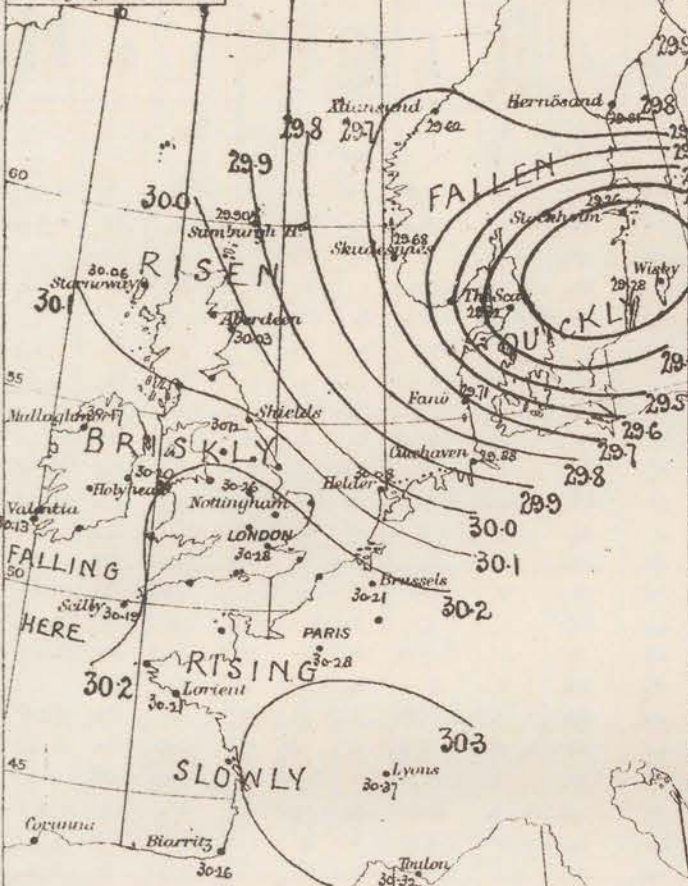
EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (mist); n. 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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 2nd DEC: 1880.

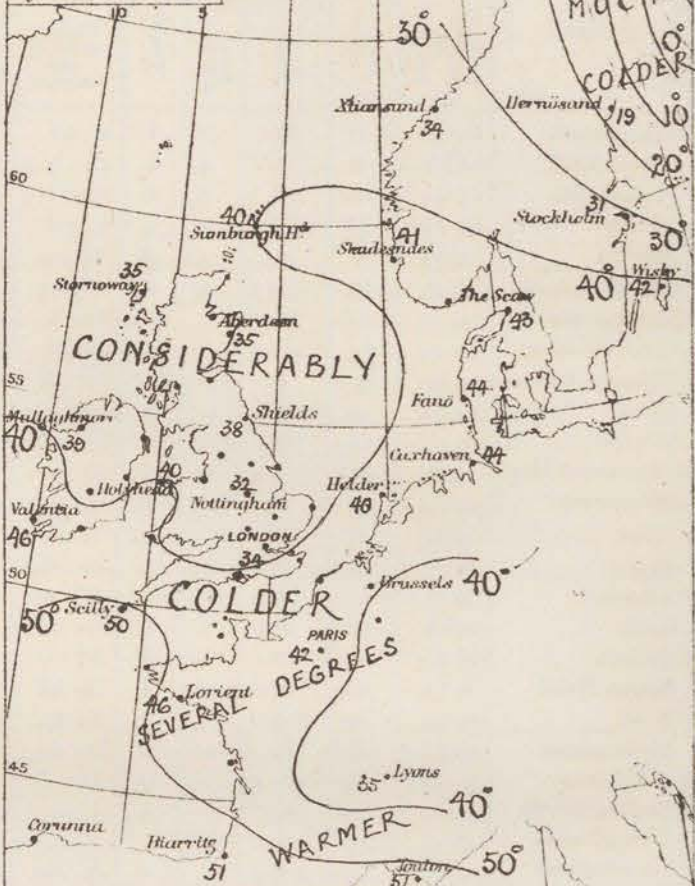
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



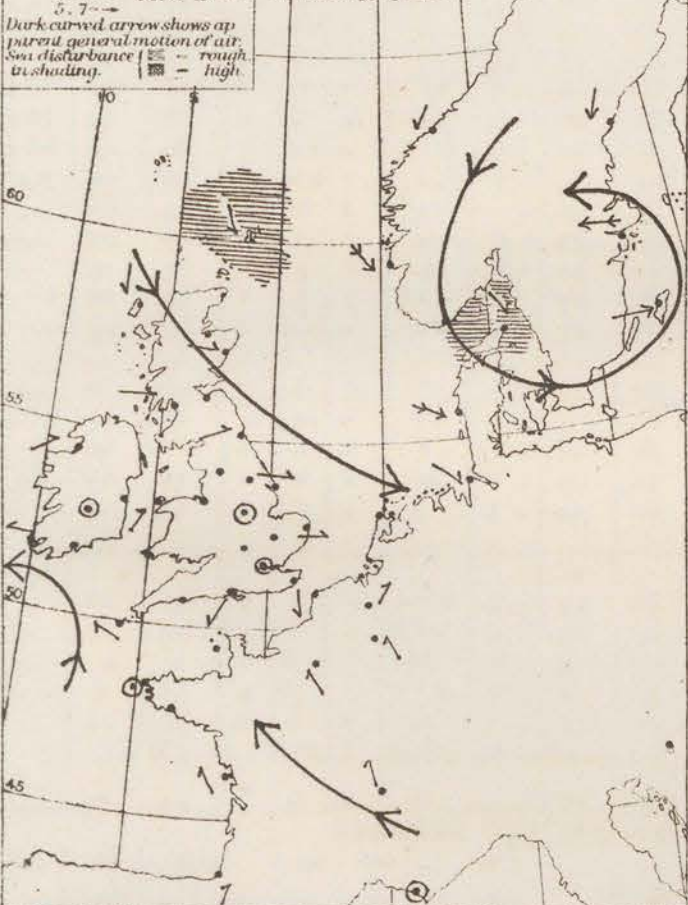
1. Isotherms shown by line lines.
2. Changes of temperature given in words.

TEMPERATURE.



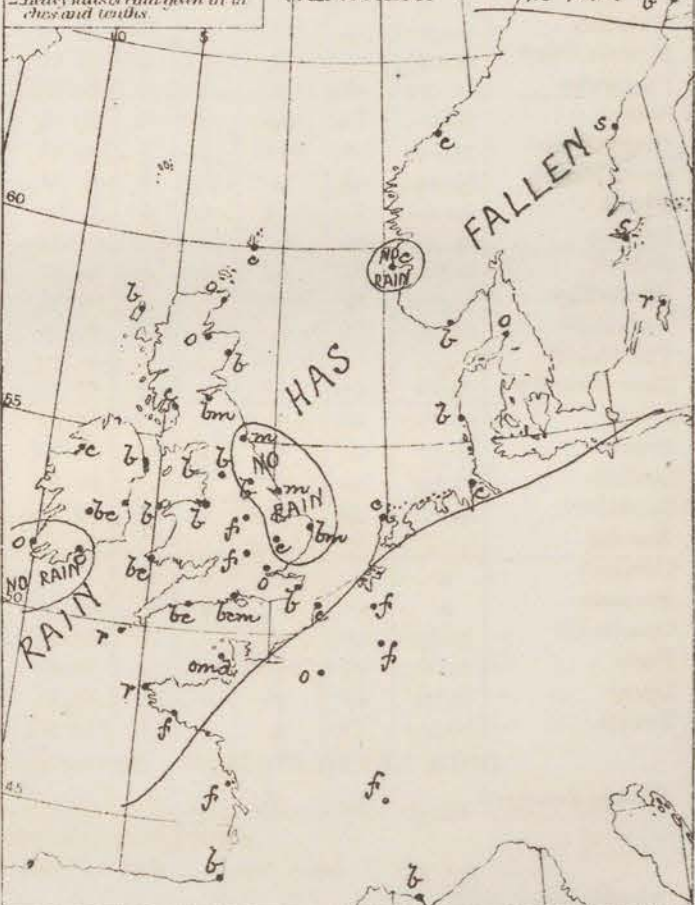
Arrows fly with the wind.
Force 0-1 - a Force 8 to 10
2-4 - above 10
5-7 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance: - rough
in shading. - high

WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (B, c, f, r, n, o, t, a, t, i, o, n, s).
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. A brisk rise of the barometer has occurred over nearly the whole of these Islands and France, while a quick decrease of pressure has taken place in the countries to the E^W of the North Sea. The depression which lay to the N^W of Scotland has passed quickly E^W, and is now shown over the S. of Sweden, while a large anticyclone has been formed over France and England. In consequence only light breezes prevail over these Islands and their neighbourhoods, blowing from S.E. and E. over the W. of France, and over S.W. coasts, from W. at most of our other stations, and from N. in the Shetlands. In Denmark the wind is N.W. and blows a gale. Temperature has risen on the Continent, fallen fast over the United Kingdom, the change over Central England and Ireland, amounting to 14°. Readings at present range from 50° at Sully to 32° at Nottingham and Paris, and during last night the thermometers at the two latter stations fell to 31° and 30° respectively. The weather is dry generally, and is fine in some places, but at a great many stations a good deal of cloud, fog and mist is reported. Sea is moderate or slight.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

3rd DEC.

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.82	-15	2	0	6	29.98	+0.17	-5	-5	+5	NW	4	6	*	-4	-17	-		
Hernösand	29.96	12	N	4	6	30.19	+0.23	6	6	-13	2	0	6	*	27	9	-		
Stockholm	29.74	22	N	8	0	30.08	+0.86	16	15	-15	WNW	4	0	*	34	9	0.16		
Wisby	29.58	30	NNE	8	0	29.96	+0.68	25	24	-17	NNW	4	0	*	45	23	0.04		
Bodö	29.90	15	E	2	6	30.09	+0.33	12	10	-9	E	2	6	1	21	10	-		
Christiansund	29.91	32	NNW	2	6	29.99	+0.37	31	30	-3	SSW	1	6	4	34	21	-		
† Skudesnaes	29.99	35	2	0	6	30.12	+0.44	33	32	-8	NNW	4	6	3	41	29	-		
Oxö (Ålansund)	29.94	34	NNW	1	6	30.08	+0.58	33	31	-8	NW	2	6	3	41	30	-		
Skagen (The Skaw)	29.97	32	N	5	6	30.04	+0.72	38	36	-5	NNW	2	6	2	?	27	-		
Fanö	30.05	40	W	4	6	30.15	+0.44	39	38	-5	W	3	6	*	45	37	-		
Cuxhaven	30.11	43	NW	4	0	30.25	+0.37	41	41	-3	WNW	2	6	*	44	40	0.05		
† Sumburgh Head	30.08	39	NNE	4	0	30.14	+0.24	37	35	-3	NE	2	0	3	42	35	0.18		
† Stornoway	30.14	35	N	1	6	29.84	-0.22	42	42	+7	SSE	4	0	4	43	34	0.10		
Wick	30.03	35	NW	1	6	30.03	0.0	41	39	+4	SE	3	0	3	41	30	0.06		
Nairn	30.17	39	W	1	0	30.03	0.0	37	36	0	2	0	1	1	41	37	0.05		
† Aberdeen	30.17	43	W	1	mb	30.13	+0.10	35	34	0	SSW	1	mb	1	43	32	0.03		
Leith	30.19	40	NW	1	6	30.10	+0.02	40	38	-1	S	1	2	*	45	34	0.02		
† Shields	30.21	41	W	3	6	30.18	+0.06	38	37	0	SSW	2	d	2	44	35	0.02		
Spurn Head	30.25	44	WNW	4	6	30.25	+0.09	39	38	-1	S	4	mb	4	41	38	-		
York	30.24	36	WSW	1	6	30.23	+0.06	36	36	-1	SSE	1	f	*	46	32	0.05		
Nottingham	30.31	36	2	0	6	30.27	+0.01	41	38	+9	SSW	2	0	*	45	32	0.03		
† Ardrossan	30.20	42	ESE	1	0	30.06	-0.05	43	42	-3	ESE	1	of	0	47	38	0.07		
† Mullaghmore	30.10	45	SE	5	rg	29.92	-0.25	51	49	+12	SW	7	ogp	4	52	36	0.03		
Donaghadee	30.22	37	SSW	2	6	30.02	-0.17	49	49	+16	SSW	3	0	1	49	33	0.01		
Parsonstown	30.15	45	SSE	2	0	30.09	-0.14	49	48	+17	SSW	1	2	*	49	31	0.01		
Barrow-in-Furness	30.23	41	W	3	6	30.19	+0.01	41	41	-1	ESE	4	dmg	4	50	37	0.04		
† Holyhead	30.23	41	SW	1	6	30.16	-0.04	49	49	+9	SW	4	0	3	50	39	0.07		
Liverpool (Bidston)	30.25	40	SSW	1	6	30.20	-0.02	43	42	+3	SSE	1	0	1	47	36	-		
† Valentia	30.08	52	SSE	5	og	30.08	-0.05	53	52	+7	S	7	odm	6	55	46	0.02		
Roche's Point	30.14	51	S	3	f	30.16	-0.01	50	49	+3	SW	0	0	5	53	46	0.18		
Pembroke	30.20	48	ESE	3	2	30.21	+0.01	51	49	+11	SSW	4	e	4	53	40	0.07		
† Scilly	30.21	54	SW	4	0	30.29	+0.10	52	50	+2	SW	4	0	4	55	49	0.22		
Prawle Point	30.26	48	ESE	3	f	30.33	+0.09	50	49	+8	WSW	2	6	3	57	40	0.09		
Hurst Castle	30.30	43	2	0	6	30.33	+0.09	49	49	+8	S	1	om	2	49	41	0.01		
† Dover	30.30	41	NE	2	6	30.37	+0.16	43	42	-1	SW	3	e	2	46	35	-		
† London	30.32	34	2	0	gf	30.33	+0.10	39	39	+5	WSW	1	f	*	45	28	-		
Oxford	30.32	31	2	0	f	30.31	+0.06	41	41	+5	2	0	f	*	47	29	-		
Cambridge	30.30	33	WNW	1	6	30.29	+0.07	37	37	0	S	1	f	*	44	25	0.01		
† Yarmouth	30.27	38	WNW	3	6	30.30	+0.12	38	37	+2	SW	2	6cm	2	43	27	0.01		
The Helder																			
Cape Gris Nez	30.28	42	NE	1	6	30.40	+0.19	36	32	-9	E	3	f	2	50	32	-		
† Jersey	30.32	50	E	1	fo	30.40	+0.14	50	50	-1	W	2	cg	3	52	49	0.04		
Brest	30.30	52	2	0	6	30.35	+0.08	50	49	-3	S	2	6	3	54	46	-		
Lorient	30.26	48	S	1	f	30.37	+0.16	45	44	-1	SE	3	m	5	48	44	-		
† Rochefort	30.33	46	SE	3	f	30.34	+0.04	45	44	+2	E	4	f	2	50	40	0.08		
Biarritz																			
Corunna	*	*	*	*	*			*	*	*					*	*	*		
Brussels	*	*	*	*	*	30.24	+0.29	33	33	+6	SSW	1	f	*	43	33	-		
Charleville	30.30	40	S	1	0	30.39	+0.15	38	36	+4	ESE	1	0	*	43	?	-		
Paris	30.30	45	ESE	4	0	30.42	+0.14	45	43	+3	SE	1	0	*	*	*	-		
Lyons	30.34	45	N	1	0	30.36	-0.01	45	42	+10	NNW	1	0	*	48	?	-		
Toulon	30.21	50	2	0	6	30.20	-0.12	50	45	-1	2	5	6	2	57	46	-		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.97	35	SE	2	6	28.93	+0.03	37	37	+4	S	2	0	*	40	29	-
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

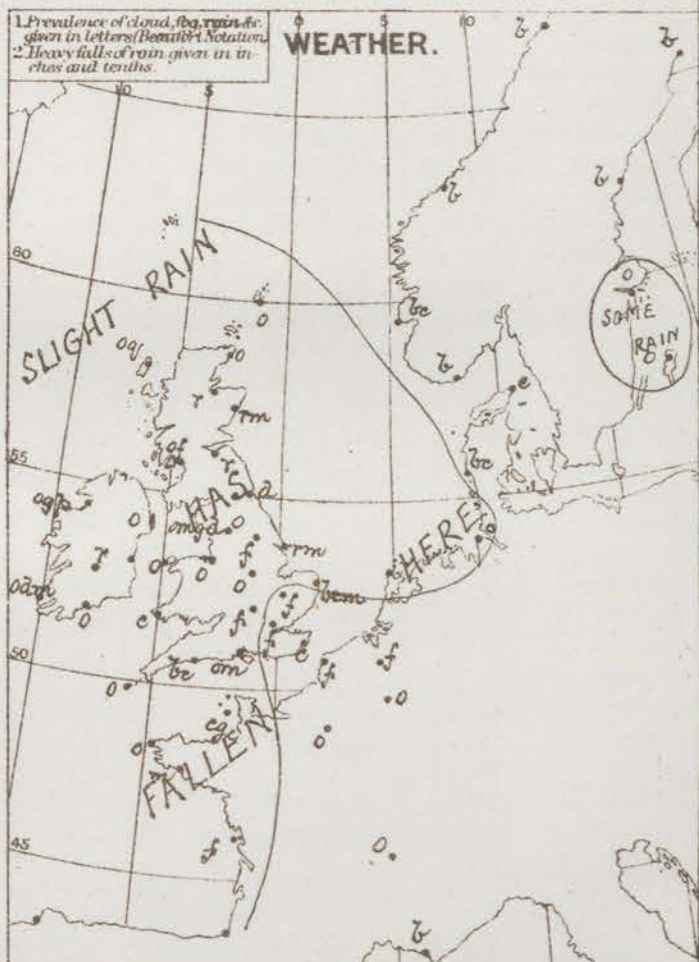
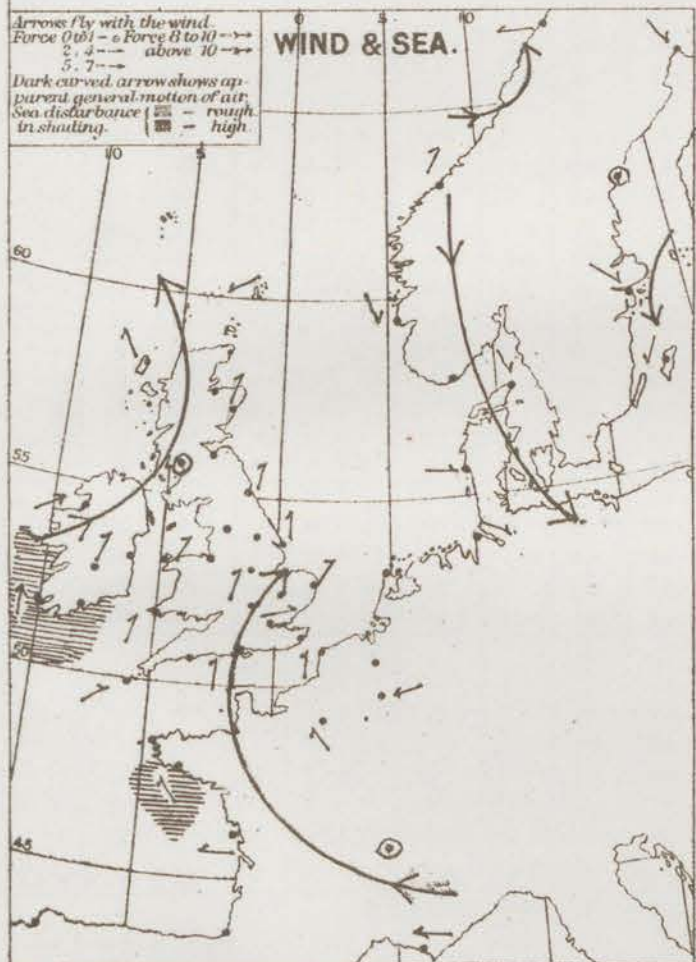
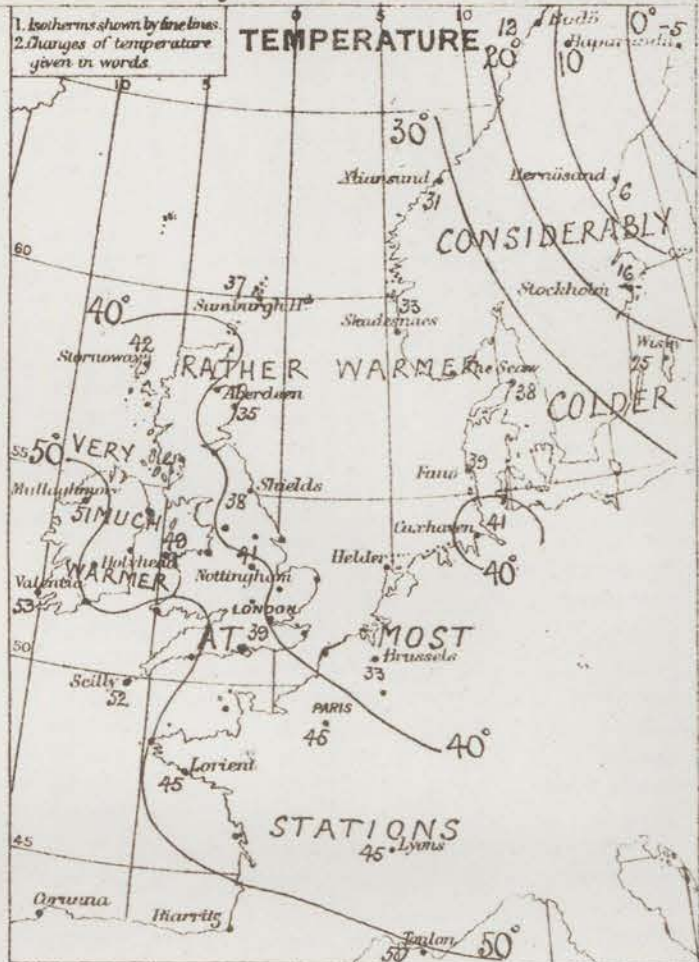
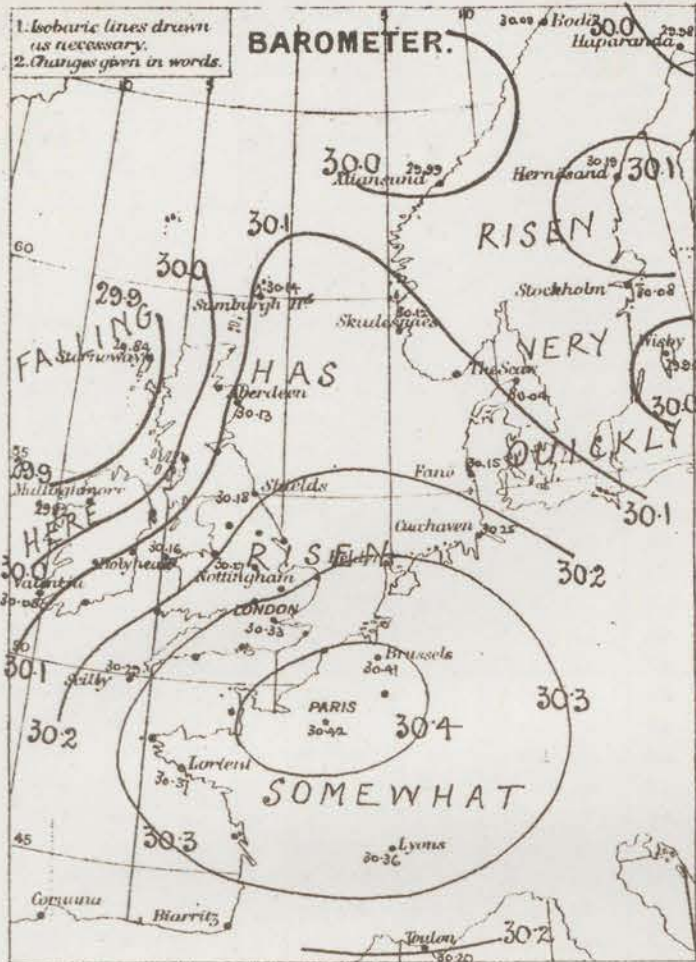
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...							Valentia ...	30.10	51	49	SE	4	og	4
Sumburgh Head ...	29.98	42	40	NNW	4	c	Scilly ...	30.20	55	55	SW	4	0	4
Stornoway ...	30.11	41	40	2	0	b	Dover ...	30.26	45	43	N	2	6	1
Aberdeen ...	30.11	41	39	WNW	2	bc	London ...	30.26	45	42	2	0	og	*
Shields ...	30.17	44	42	W	4	b	Yarmouth ...	30.21	43	42	WNW	2	bm	2
Ardrossan ...	30.18	47	46	WSW	3	c	Jersey ...	30.30	52	51	2	0	cm	0
Mullaghmore ...	30.18	45	42	SSE	3	c	Rochefort ...	30.33	47	46	SSE	2	f	2
Holyhead ...	30.24	44	43	SW	1	bc								

A slight decrease of pressure has occurred at Valentia, but elsewhere the mercury is rising. The wind is light and variable and the weather moderately fine except in London and on our SW coast.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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 3RD DEC^R 1880.



REMARKS. The barometer has begun to fall briskly on our NW. coasts, and the decrease is spreading slowly to other parts of these Islands, but over France and the SE. of England the mercury still rises. The anticyclone is still shown in the S. while a shallow disturbance apparently lies off our NW. coasts. The wind is E^l over France, and S^l over the whole of these Islands, and NW^l on the E^l shore of the North Sea. It is light or moderate in nearly all places, but in the N. of Ireland it blows with the force of a moderate gale. Temperature has risen in most places, the change in Ireland, being considerable, and readings range from 53° at Valentia to 35° at Abundance. The weather is cloudy or dull in all parts of N^l Europe, with rain, fog or drizzling rain in many places. Slight rain has fallen generally. The sea is rough off the S. of Ireland, moderate or smooth elsewhere.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 4TH DEC. 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 5 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.08	-3	Z	0	b	30.00	+0.02	-4	-4	+1	S	2	bc	*	-2	-8	-		
Härnösand	30.38	-2	NW	2	b	30.26	+0.07	-2	-3	-8	W	2	bc	*	16	-2	-		
Stockholm	30.33	7	NW	2	b	30.44	+0.36	9	9	-7	W	2	o	*	23	7	-		
Wisby	30.16	21	NNE	4	s	30.35	+0.39	22	22	-3	SE	2	c	*	28	16	0.08		
Bodö	30.12	14	E	2	b	29.88	+0.21	31	30	+19	NW	4	o	*	?	10	-		
Christiansund	30.15	30	S	1	bc	30.18	+0.19	32	31	+1	SSW	3	bc	*	32	21	0.04		
† Skudesnaes	30.21	36	SE	4	o	30.30	+0.18	37	33	+4	SE	8	o	*	?	?	-		
Oxö (Xiansund)	30.27	?	NE	5	b	30.40	+0.32	35	32	+2	SE	4	o	*	50	27	-		
Skagen (The Skaw)	30.32	28	E	4	b	30.45	+0.41	28	27	-10	ESE	3	b	*	28	25	-		
Fanö	30.26	37	SSE	2	o	30.38	+0.23	35	34	-4	E	4	bc	*	45	34	0.04		
Cuxhaven	30.31	43	WNW	3	h	30.34	+0.09	38	38	-3	SSE	3	o	*	43	34	0.29		
† Sumburgh Head	29.94	40	SE	7	h	30.10	+0.04	44	43	+7	W	5	o	*	44	35	0.30		
† Stornoway	29.91	45	W	5	b	30.18	+0.34	43	43	+11	SW	1	c	*	49	40	0.14		
Wick	29.90	45	NW	3	bc	30.21	+0.18	42	40	+4	S	1	o	*	42	39	0.13		
Nairn	29.97	45	SW	2	o	30.25	+0.22	45	43	+8	SW	1	o	*	46	36	0.02		
† Aberdeen	30.02	39	SW	2	b	30.27	+0.14	36	35	+1	Z	0	mc	*	43	34	0.05		
Leith	30.09	47	Z	0	bc	30.30	+0.20	43	41	+3	NW	1	f	*	51	38	0.12		
† Shields	30.11	50	Z	0	h	30.35	+0.17	40	40	+2	W	2	of	*	50	37	0.03		
Spurn Head	30.19	46	SW	4	c	30.37	+0.12	42	41	+3	W	3	m	*	48	38	0.01		
York	30.17	49	SW	1	o	30.38	+0.15	37	37	+1	Z	0	f	*	49	36	0.01		
Nottingham	30.26	48	SSW	3	o	30.41	+0.14	47	47	+6	NW	1	h	*	49	39	0.07		
† Ardrossan	30.13	48	WNW	2	b	30.32	+0.26	46	45	+3	SSW	2	o	*	50	32	0.13		
† Mullaghmore	30.16	48	SW	4	b	30.26	+0.34	51	50	0	SSW	5	cq	*	52	39	0.04		
Donaghadee	30.20	48	SSW	2	b	30.32	+0.30	43	43	-6	SW	1	o	*	50	37	0.11		
Parsonstown	30.24	46	Z	0	o	30.37	+0.28	49	48	0	S	1	o	*	53	45	0.06		
Barrow-in-Furness	30.14	47	SW	3	bc	30.24	+0.05	42	42	+1	NE	2	dg	*	49	39	0.88		
† Holyhead	30.22	49	W	2	m	30.35	+0.19	51	50	+2	SW	3	m	*	51	48	0.08		
Liverpool (Bidston)	30.20	51	WSW	4	h	30.38	+0.18	46	46	+3	SE	1	m	*	52	43	0.12		
† Valentia	30.21	53	SSW	4	mag	30.34	+0.26	51	50	-2	SE	3	c	*	55	48	0.11		
Roche's Point	30.28	49	WSW	3	o	30.37	+0.21	50	49	0	SW	3	c	*	54	48	-		
Pembroke	30.28	52	SSW	3	o	30.40	+0.19	51	49	0	WSW	3	c	*	52	50	-		
† Scilly	30.35	52	SW	4	bc	30.44	+0.15	52	52	0	SW	3	o	*	55	50	0.01		
Prawle Point	30.37	51	SW	3	c	30.47	+0.14	51	51	+1	W	3	o	*	52	49	-		
Harst Castle	30.38	50	W	2	o	30.48	+0.15	46	45	-3	WNW	2	cq	*	52	44	-		
† Dover	30.37	48	W	2	b	30.45	+0.08	48	46	+5	WNW	2	bc	*	50	43	-		
† London	30.34	48	WSW	1	bc	30.44	+0.11	46	45	+7	SW	1	o	*	49	38	-		
Oxford	30.35	47	SSW	2	c	30.43	+0.12	46	45	+5	WSW	3	og	*	52	41	-		
Cambridge	30.30	43	SW	1	b	30.43	+0.14	46	46	+9	WNW	1	h	*	48	36	0.05		
† Yarmouth	30.28	43	SW	1	bc	30.38	+0.08	41	40	+3	WNW	1	bf	*	46	36	0.02		
The Helder	30.24	46	SW	2	o	30.31	0.00	46	45	+2	NW	1	b	*	48	41	0.02		
Cape Gris Nez	30.39	48	SSW	3	m	30.44	+0.04	49	43	+13	W	4	c	*	50	?	-		
† Jersey	30.46	48	SW	2	of	30.55	+0.15	48	48	-2	SE	1	o	*	57	46	-		
Brest	30.43	50	S	4	o	30.48	+0.18	50	50	0	WSW	4	o	*	52	48	-		
Lorient	30.46	46	SE	1	f	30.45	+0.08	46	43	+1	E	1	o	*	46	43	-		
† Rochefort	30.39	50	ENE	3	o	30.45	+0.11	58	37	-7	E	5	f	*	50	34	-		
Biarritz	30.41	42	E	2	f	30.45	+0.13	42	38	+5	SSW	4	o	*	52	34	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Charleville	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Paris	30.42	42	S	1	o	30.45	+0.06	40	39	+2	SSW	1	f	*	46	37	-		
Lyons	30.46	42	ENE	3	c	30.51	+0.09	46	44	+1	SE	1	o	*	*	*	-		
Toulon	30.48	42	W	1	h	30.49	+0.13	42	41	-3	N	1	o	*	48	41	-		
	30.28	53	NW	3	b	30.32	+0.12	51	47	+1	Z	0	b	*	55	48	-		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.89	46	WSW	5	f	29.10	+0.17	35	35	-2	Z	0	o	*	46	32	0.21
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

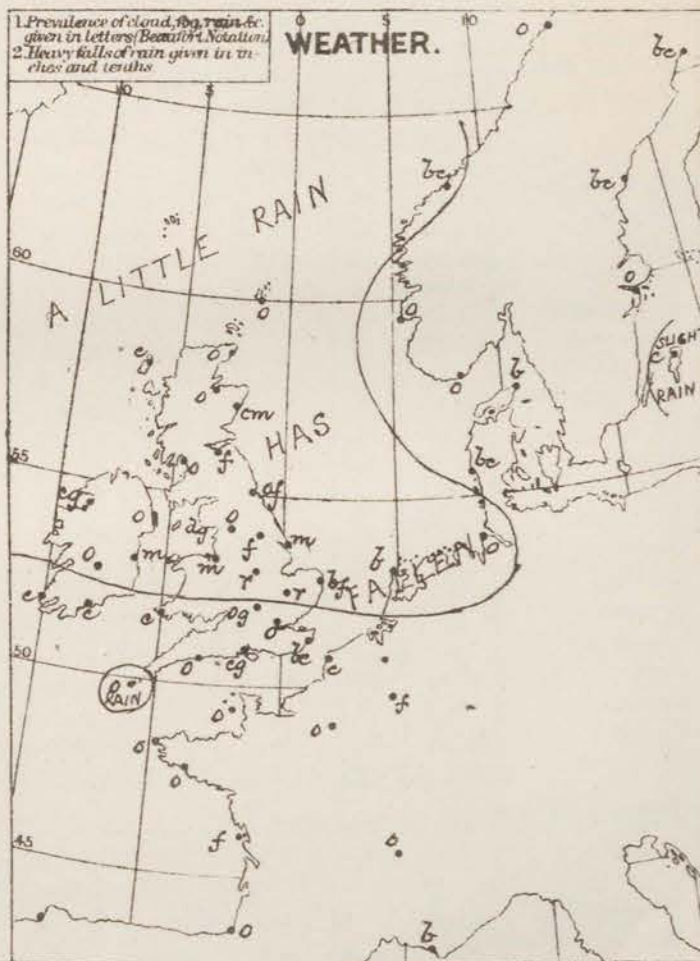
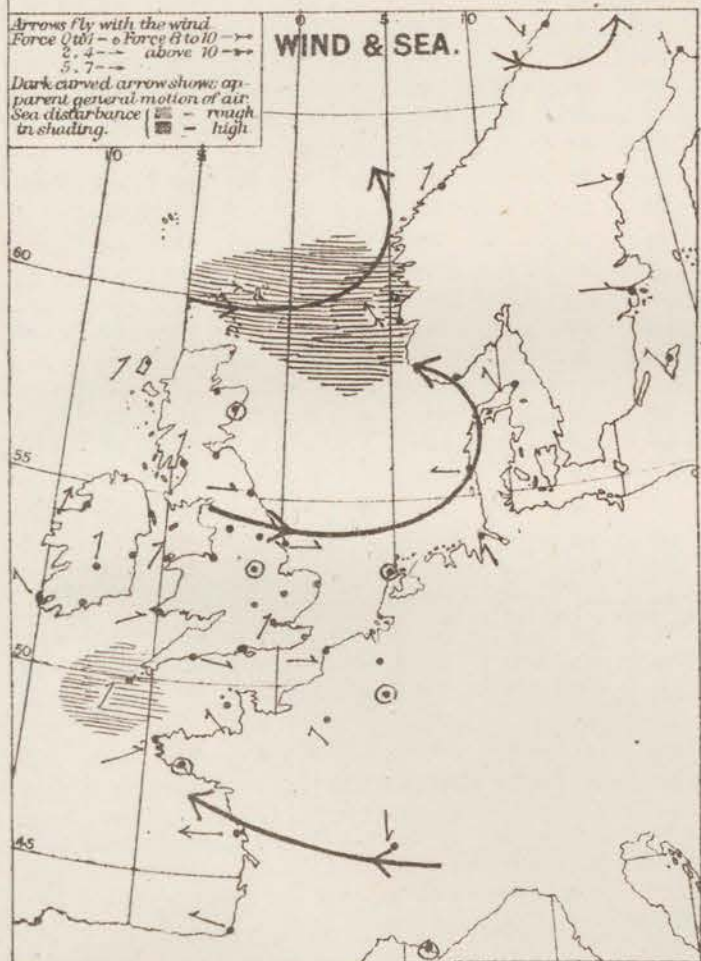
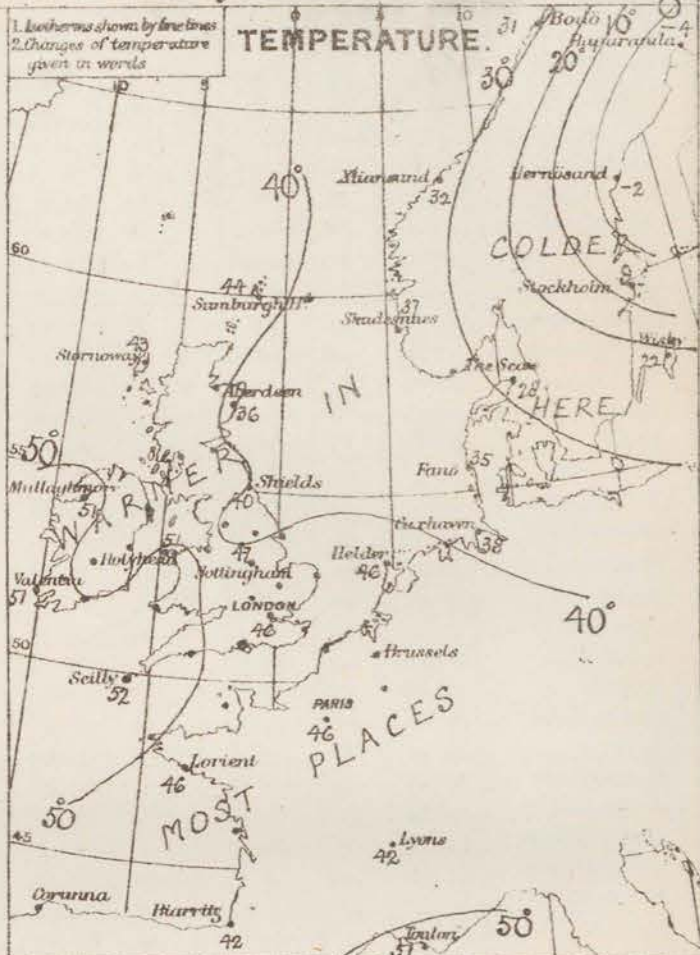
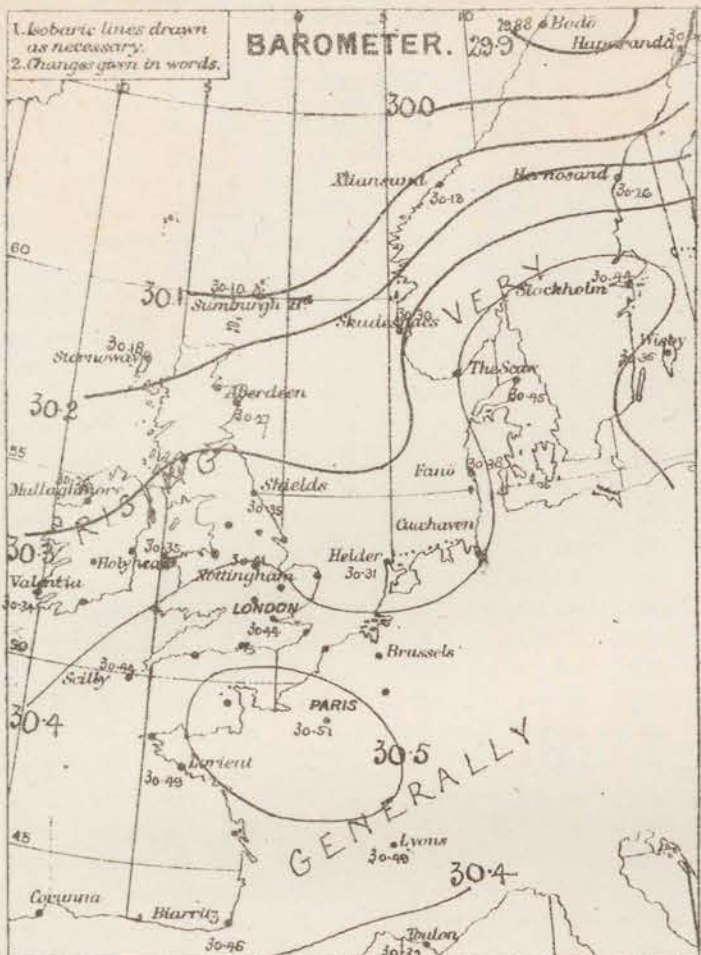
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.18	35	33	ENE	2	o	3	Valentia ...	30.18	50	50	W	1	nm	2
Sumburgh Head ...	30.02	37	35	ESE	5	o	5	Scilly ...	30.33	54	52	SW	5	o	4
Stornoway ...	29.75	48	47	WSW	7	c	6	Dover ...	30.36	48	46	SW	3	og	2
Aberdeen ...	30.00	43	40	SSW	5	p	2	London ...	30.33	49	48	SW	1	ogf	*
Shields ...	30.12	41	41	Z	0	f	3	Yarmouth ...	30.28	43	42	SW	2	odm	2
Ardrossan ...	30.01	49	48	WSW	5	c	4	Jersey ...	30.43	50	50	SSW	2	cq	3
Mullaghmore ...	30.07	50	47	WSW	5	nm	4	Rochefort ...	30.39	50	48	ENE	4	o	2
Holyhead ...	30.17	51	50	SW	5	mu	4								

A depression is shown over the NW coast of Scotland and the mercury is falling at our N^W and E^W stations, while it is rising briskly in Ireland. The wind is SW^W and the weather cloudy and unsettled, while temperature ranges from 54° at Scilly to 37° at Sumburgh Head.

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 (haze); 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Saturday 4TH DEC: 1880.



REMARKS. A further increase of pressure has occurred over the whole of W. Europe, but in the extreme N. of Scandinavia a slight decrease has taken place. An area of high readings lies over France, and another anticyclonic centre is forming over Sweden, while comparatively low pressures are reported from the N. of Norway, and the N. of Scotland. At the same time small subsidiary disturbances lie over the North Sea. The wind varies considerably in direction, but is light or moderate in force, except at Mullaghmore and Spidestown. On nearly all our coasts and over Sweden it is SW. to W., over France it is E., and at Valentia and over Norway it is SE. The weather is fine in some parts of the Countries to the E. of the North Sea, and also on the extreme SE. coast of England, but elsewhere the sky is cloudy or overcast, with fog or mist at several stations. Slight rain has fallen except in the S. Temperature has risen in nearly all places, and ranges from 52° at Sicily to 36° at Aberdeen and 38° at Rochefort. The maximum yesterday were between 50° and 55° except in the E., where they between 45° and 50°. Sea is rough at Sicily and Bournemouth Head, slight elsewhere.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

5TH DEC.

1880.

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.			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).	Weather.		Max.	Min.			
Haparanda	29.92	- 10	N	2	b	30.17	+ 17	- 4	- 4	0	N	2	bc	*	1	- 9	-		
Hernösand	29.06	23	N	2	bc	30.21	- 05	13	13	+ 15	2	0	b	*	25	- 9	-		
Stockholm	30.15	26	WSW	6	o	30.10	- 34	23	22	+ 14	WSW	7	o	*	27	5	-		
Wisby	30.18	30	WSW	6	bc	30.02	- 33	35	34	+ 13	NNW	6	o	*	9	12	0.16		
Bodö	29.96	31	NW	2	c	30.13	+ 25	23	21	- 8	NW	2	b	1	9	9	0.08		
Christiansund	30.01	40	SW	7	h	29.99	- 19	42	40	+ 10	SW	3	o	4	9	25	0.04		
† Skudesnaes	30.25	45	WSW	4	o	30.13	- 17	42	42	+ 5	SESE	2	h	4	45	37	-		
Oxö (Xiänsund)	30.30	37	NNW	2	o	30.17	- 23	42	41	+ 7	WSW	2	o	2	9	9	0.04		
Skagen (The Skaw)	30.34	34	WSW	4	s	30.16	- 29	42	41	+ 14	W	3	o	2	43	25	0.04		
Fanö	30.39	36	S	2	o	30.26	- 12	42	42	+ 7	SW	2	o	*	9	34	-		
Cuxhaven	30.41	40	SE	1	f	30.39	+ 05	40	40	+ 2	SSW	1	f	*	9	36	-		
† Sumburgh Head	30.19	45	SW	1	o	30.02	- 08	48	47	+ 4	WSW	5	o	5	48	42	0.13		
† Stornoway	30.15	50	SSW	5	o	30.04	- 14	50	50	+ 7	S	5	o	5	50	41	0.01		
Wick	30.18	50	S	2	o	30.09	- 12	47	46	+ 5	W	1	mo	2	48	42	0.03		
Nairn	30.21	47	W	0	c	?	?	50	47	+ 5	W	0	c	1	51	45	-		
† Aberdeen	30.27	42	W	0	o	30.17	- 10	45	44	+ 9	W	0	om	1	45	38	0.01		
Leith	30.30	49	NW	1	bc	30.24	- 06	50	48	+ 7	W	1	o	*	51	40	-		
† Shields	30.36	47	W	0	o	30.31	- 04	47	46	+ 7	W	0	o	1	49	39	0.08		
Spurn Head	30.42	46	W	3	o	30.39	+ 02	43	42	+ 1	SW	4	c	3	48	38	-		
York	30.40	48	W	0	o	30.39	+ 01	46	44	+ 9	W	1	o	*	48	36	0.01		
Nottingham	30.47	49	WNW	1	b	30.45	+ 04	42	41	- 5	WSW	1	c	*	50	37	0.02		
† Ardrossan	30.36	49	E	2	o	30.26	- 06	49	48	+ 3	SW	2	o	2	49	45	0.03		
† Mullaghmore	30.27	50	SW	5	o	30.18	- 08	52	51	+ 1	SSW	6	ogp	5	54	48	0.04		
Donaghadee	30.38	44	W	2	bc	30.30	- 02	48	47	+ 5	SW	2	o	0	53	43	-		
Parsonstown	30.38	45	SSE	2	c	30.34	- 03	51	50	+ 2	SSW	1	o	*	51	45	-		
Barrow-in-Furness	30.42	47	SW	2	bc	30.37	+ 13	49	48	+ 7	SW	2	og	3	49	41	0.15		
† Holyhead	30.42	50	SW	3	c	30.39	+ 04	50	49	- 1	SW	3	m	2	51	48	-		
Liverpool (Bidston)	30.44	49	SW	2	b	30.41	+ 03	50	47	+ 4	SW	2	c	1	52	44	0.01		
† Valentia	30.33	52	SE	6	o	30.30	- 04	54	53	+ 3	S	7	og	6	55	51	-		
Roche's Point	30.43	50	SW	4	c	30.40	+ 03	52	51	+ 2	SW	3	o	4	55	50	-		
Pembroke	30.45	52	WSW	3	c	30.43	+ 03	51	50	0	SSW	2	c	4	53	50	-		
† Scilly	30.49	52	SSW	5	o	30.50	+ 06	52	51	0	SSW	5	o	5	54	51	-		
Prawle Point	30.53	51	NNW	3	o	30.53	+ 06	50	48	- 1	SW	4	o	4	53	48	0.02		
Hurst Castle	30.53	48	W	2	c	30.55	+ 07	48	47	+ 2	WSW	2	o	2	52	46	-		
† Dover	30.50	49	W	2	bc	30.53	+ 08	47	45	- 1	W	2	bc	1	52	45	-		
† London	30.50	45	SW	1	om	30.53	+ 09	47	45	+ 1	WSW	1	om	*	51	40	-		
Oxford	30.52	45	WSW	2	b	30.52	+ 09	45	44	- 1	SW	1	bc	*	51	42	-		
Cambridge	30.48	50	W	1	o	30.48	+ 05	42	42	- 4	SW	1	o	*	53	38	0.03		
† Yarmouth	30.44	47	W	1	bc	30.44	+ 06	42	41	+ 1	W	2	bc	1	48	39	-		
The Helder																			
Cape Gris Nez	30.49	50	W	2	o	30.54	+ 10	47	46	- 2	W	3	o	2	54	36	-		
† Jersey	30.60	49	SW	2	o	30.63	+ 08	48	46	0	SW	3	og	3	50	9	-		
Brest	30.58	44	SW	3	o	30.58	+ 10	49	48	- 1	SSE	4	o	4	52	48	-		
Lorient	30.56	46	ESE	1	o	30.58	+ 13	46	43	0	E	3	o	2	46	43	-		
† Rochefort	30.50	46	ENE	4	b	30.57	+ 12	45	43	+ 7	ENE	5	a	2	52	34	-		
Biarritz	30.52	42	E	2	o	30.56	+ 11	41	39	- 1	SE	1	o	4	46	37	-		
Corunna	*	*	*	*	*	30.51	+ 10	39	*	- 2	S	1	b	1	*	*	*		
Brussels	*	*	*	*	*	30.50	+ 09	47	46	+ 1	W	1	f	*	48	45	0.08		
Charleville	3	45	SSW	4	o	30.51	+ 06	46	44	+ 6	W	5	c	*	50	40	0.08		
Paris	30.56	50	?	3	e	30.60	+ 09	46	43	0	W	4	c	*	*	*	-		
Lyons														*	*	*	-		
Toulon	30.29	51	E	3	b	30.32	00	49	46	- 2	E	4	b	2	55	46	*		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.15	44	WSW	6	h	29.11	+01	45	44	+10	4	o	*	45	34	0.05			
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	
Skudesnaes	30.31	38	37	SSE	2	h	Valentia	30.35	53	50	SSE	5	c	5 ⁺
Sumburgh Head	30.16	45	44	W	h	5	Scilly	30.48	54	52	SSW	3	o	4
Stornoway	30.17	47	47	SSW	8	m	Dover	30.46	51	49	NW	2	c	1
Aberdeen	30.26	40	39	W	o	cm	London	30.47	51	49	WSW	1	cm	*
Shields	30.36	44	44	W	o	f	Yarmouth	30.42	45	44	W	1	bcf	2
Ardrossan	30.33	48	48	SSW	2	h	Jersey	30.58	50	49	SW	2	og	3
Mullaghmore	30.29	53	50	SW	5	c	Rocheport	30.49	43	46	ENE	5	b	2
Holyhead	30.41	51	50	SW	4	c								

The change in pressure are extremely slight, but the winds at our most Wth and Nth stations are freshening, so that fresh disturbances are probably advancing towards our Atlantic coasts. Temperature continues rather high for the time of year and the weather very cloudy.

EXPLANATION OF COLUMNS.

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

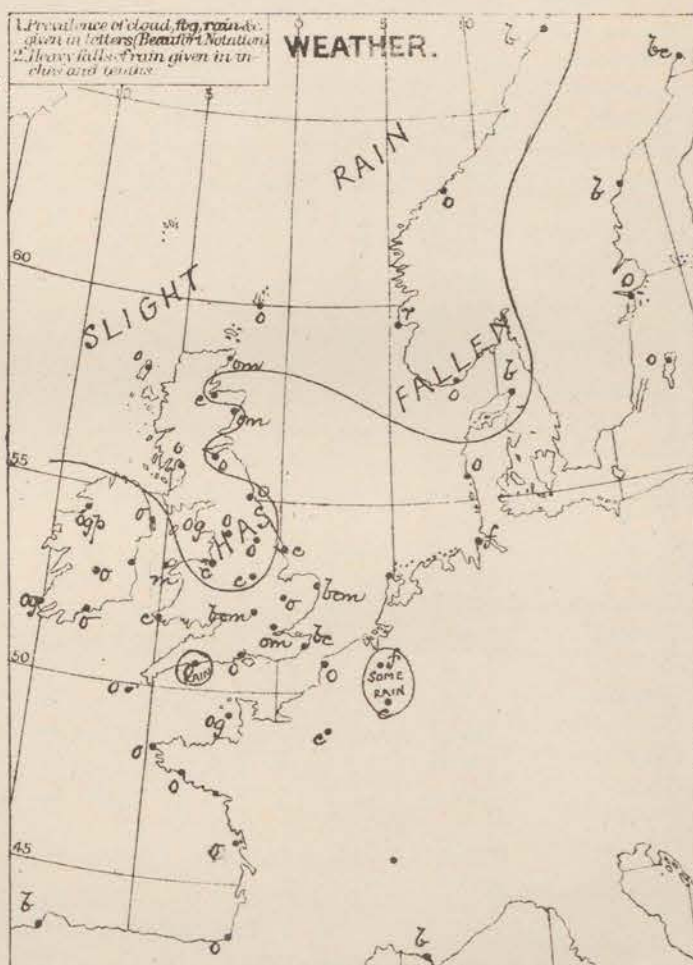
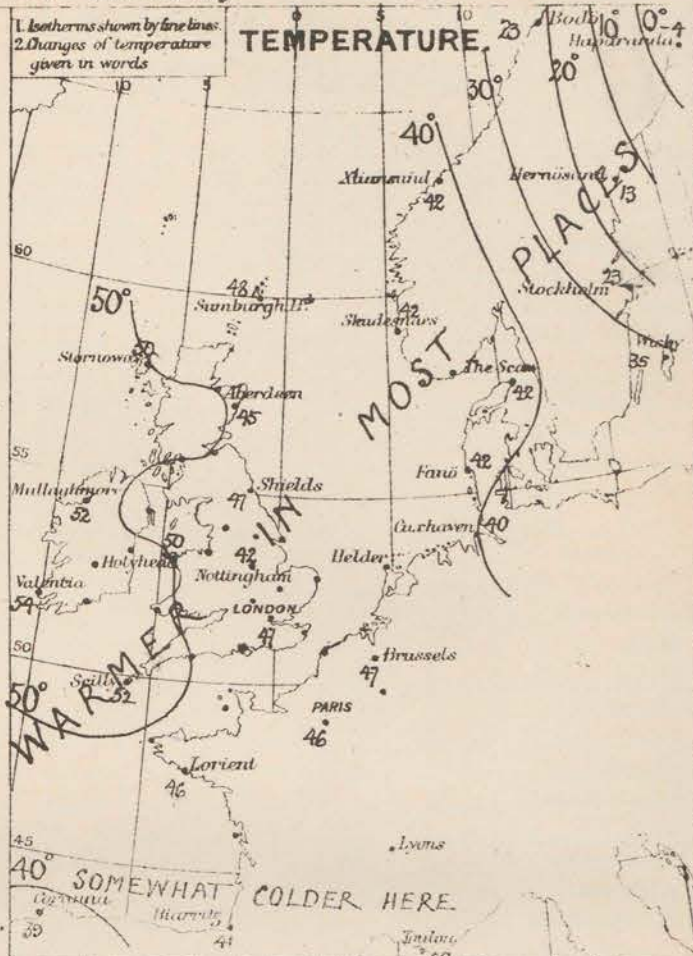
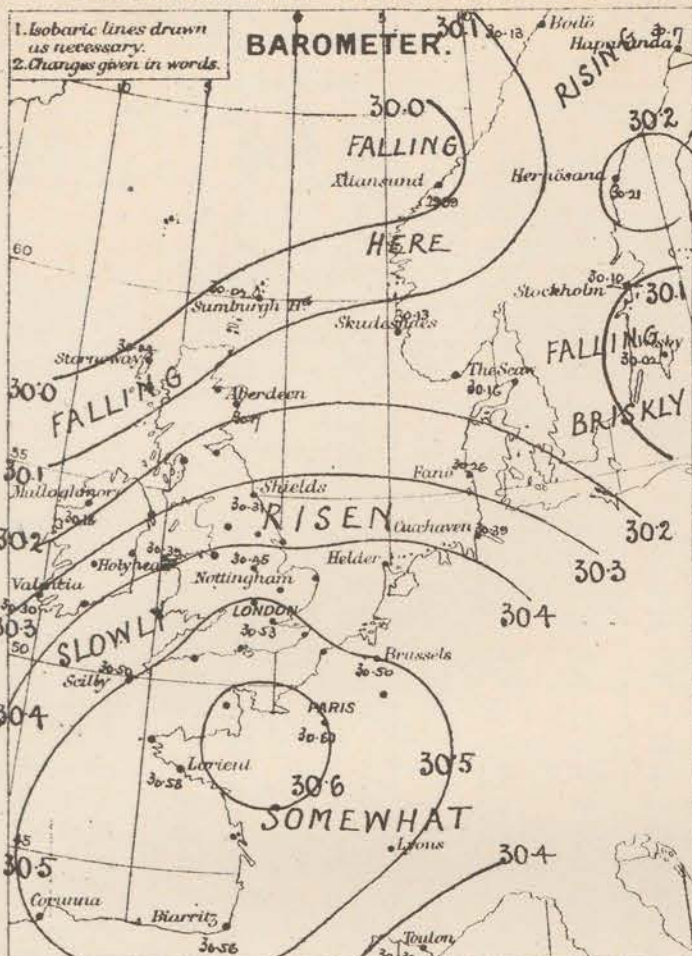
* AN ASTERISK is inserted in all places for which information is not usually received.

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

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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 5th DEC^r 1880.



A dotted line has been drawn round these Coasts upon which the signals are now flying.

REMARKS.

Barometrical pressure is giving away slowly along our Wst and Nst coasts, and on the Est shores of the North Sea, but a slight increase has taken place in most other places. Readings now range from about 30.6 in the N. of France, to 30.0 off our extreme Nst coasts. SW winds prevail in all parts of the Kingdom, and are becoming strong and squally in the W. Over the greater part of France Est breezes are reported. Temperature has risen in nearly all places, the change being very considerable over Scotland and Scandinavia. In Lapland the frost is still very severe. The weather is fine and bright in the N. of Scandinavia, but over these islands and France it is still dark and cloudy. Slight rain has fallen at some of our Nst stations, and on the Est shores of the North Sea. The sea is rough in the W. and N., moderate to smooth elsewhere.

Warnings.

The South Sea was hoisted on our extreme Wst coasts last evening, and the extreme Nst coasts this morning.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT · 6TH DEC: 1880.

STATIONS.	+ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.		
Haparanda	30.29	-17	E	2	b	30.19	+0.2	3	3	+4	SW	2	a	*	3	-18	-	
Hernösand	30.39	-6	E	0	o	30.18	-0.3	27	25	+14	SW	6	o	*	28	0	-	
Stockholm	30.32	21	NNE	2	o	30.33	+2.3	25	23	+2	SSE	2	o	*	27	19	-	
Wisby	30.19	24	E	2	e	30.29	+2.7	25	24	-10	SSE	2	bc	*	26	19	-	
Bodo	30.01	42	E	2	b	29.62	-5.1	22	26	+5	NE	6	o	3	?	?	-	
Christiansund	29.68	46	S	1	o	29.80	-1.9	47	45	+5	WSW	4	o	4	?	34	0.24	
† Skudesnaes	30.11	44	S	2	h	30.07	-0.6	45	44	+3	S	6	rf	5	45	?	-	
Öxö (Xiensund)	30.15	42	SW	1	f	30.11	-0.6	38	38	-1	NNE	1	f	2	43	38	0.12	
Skagen (The Skaw)	30.18	41	WSW	2	o	30.17	+0.1	41	41	-1	SSW	3	m	0	43	39	-	
Fanø	30.25	45	W	2	o	30.17	-0.9	45	45	+3	SW	2	h	*	45	41	0.04	
Cuxhaven	30.35	45	W	1	f	30.28	-1.1	46	46	+6	WSW	1	f	*	?	39	0.06	
† Sumburgh Head	29.97	47	SW	3	m	29.97	-0.5	49	48	+1	W	5	o	5	50	46	0.30	
† Stornoway	29.98	54	SW	6	h	30.08	+0.4	50	49	0	WSW	4	o	4	54	48	0.05	
Wick	30.00	50	S	2	o	30.14	+0.5	51	49	+4	SW	1	o	2	54	45	0.19	
Nairn	30.06	52	SW	2	h	30.11	?	53	50	+3	SW	2	bc	1	55	48	0.01	
† Aberdeen	30.09	49	S	2	o	30.14	-0.3	48	47	+3	W	0	m	0	53	45	0.13	
Loith	30.18	54	W	2	o	30.19	-0.5	55	54	+5	WSW	1	h	*	56	49	0.01	
† Shields	30.34	52	SW	2	h	30.27	-0.4	55	54	+8	WSW	1	om	1	55	46	0.05	
Spurn Head	30.36	47	WSW	4	c	30.34	-0.5	49	48	+6	WSW	3	c	3	50	42	0.03	
York	30.36	49	SW	1	m	30.35	-0.4	52	51	+6	W	3	bc	*	52	46	0.07	
Nottingham	30.42	49	WSW	2	bc	30.41	-0.4	50	48	+8	WSW	3	b	*	51	40	0.04	
† Ardrossan	30.22	51	SSW	3	h	30.23	-0.3	50	50	+1	SSW	2	h	2	52	48	0.33	
† Mullaghmore	30.21	56	SW	6	o	30.24	+0.6	52	52	0	SW	6	rg	4	56	52	0.18	
Donaghadee	30.27	51	WSW	3	o	30.28	-0.2	54	53	+6	SW	3	o	1	54	48	0.13	
Parsonstown	30.35	54	W	0	o	30.36	+0.2	52	50	+1	SW	1	o	*	55	50	0.06	
Barrow-in-Furness	30.34	49	SW	4	o	30.24	-1.3	49	49	0	SW	4	omg	4	49	46	0.02	
† Holyhead	30.37	51	SW	6	m	30.38	-0.1	51	50	+1	SSW	6	mu	5	52	49	-	
Liverpool (Bidston)	30.37	52	SW	4	o	30.39	-0.2	51	49	+1	SW	2	c	1	52	50	-	
† Valentia	30.34	54	S	4	o	30.38	+0.8	53	52	-1	S	6	og	6	55	52	0.03	
Roche's Point	30.41	52	SW	5	h	30.43	+0.3	52	51	0	SW	5	o	4	56	50	0.04	
Pembroke	30.43	52	WSW	4	o	30.45	+0.2	50	49	-1	WSW	4	o	5	52	50	-	
† Scilly	30.52	52	SW	5	c	30.53	+0.3	51	50	-1	SW	5	c	5	56	50	-	
Prawle Point	30.53	?	SSW	4	o	30.53	0.0	51	50	+1	W	4	o	4	51	48	-	
Hurst Castle	30.53	48	W	2	bc	30.54	-0.1	48	47	0	WSW	3	c	2	50	47	-	
† Dover	30.53	48	W	2	b	30.48	-0.5	48	47	+1	W	3	b	3	50	46	-	
† London	30.48	46	WSW	1	e	30.48	-0.5	49	47	+2	SW	2	o	*	52	46	-	
Oxford	30.48	48	W	1	o	30.47	-0.5	50	49	+5	WSW	1	og	*	51	45	-	
Cambridge	30.45	45	SW	1	o	30.42	-0.6	50	49	+8	SW	1	o	*	50	41	-	
† Yarmouth	30.42	47	SW	1	c	30.38	-0.6	48	47	+6	W	3	cf	1	48	41	-	
The Helder	30.39	47	WSW	1	o	30.32	-0.6	48	47		WSW	2	o	1	48	46	0.16	
Cape Gris Nez	30.54	49	W	4	c	30.48	-0.6	50	49	+3	WSW	5	c	4	52	47	-	
† Jersey	30.62	48	WSW	3	o	30.62	-0.1	50	49	+2	W	2	o	2	50	47	-	
Brest	30.39	50	S	5	o	30.59	+0.1	50	46	+1	W	3	o	5	50	?	-	
Lorient	30.60	47	E	4	o	30.59	+0.1	47	45	+1	E	1	h	2	48	45	-	
† Rochefort	30.56	48	ENE	3	o	30.61	+0.4	41	39	-4	ENE	5	b	1	?	36	-	
Biarritz	30.66	46	NE	3	o	30.56	-0.0	38	36	-3	SE	4	c	4	46	34	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	30.46	-0.4	47	47	0	SW	2	h	*	49	45	0.04	
Charleville	30.58	46	WSW	3	c	30.63	+1.2	46	43	0	WSW	4	f	*	50	43	-	
Paris	30.60	49	W	0	c	30.60	0.0	46	44	0	WSW	1	bc	*	*	*	-	
Lyons	30.56	48	N	?	o	30.56		42	41		NNW	1	c	*	49	42	-	
Toulon																		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.06	46	WSW	5	h	29.08	-0.3	46	46	+1	WSW	5	h	*	47	44	0.51
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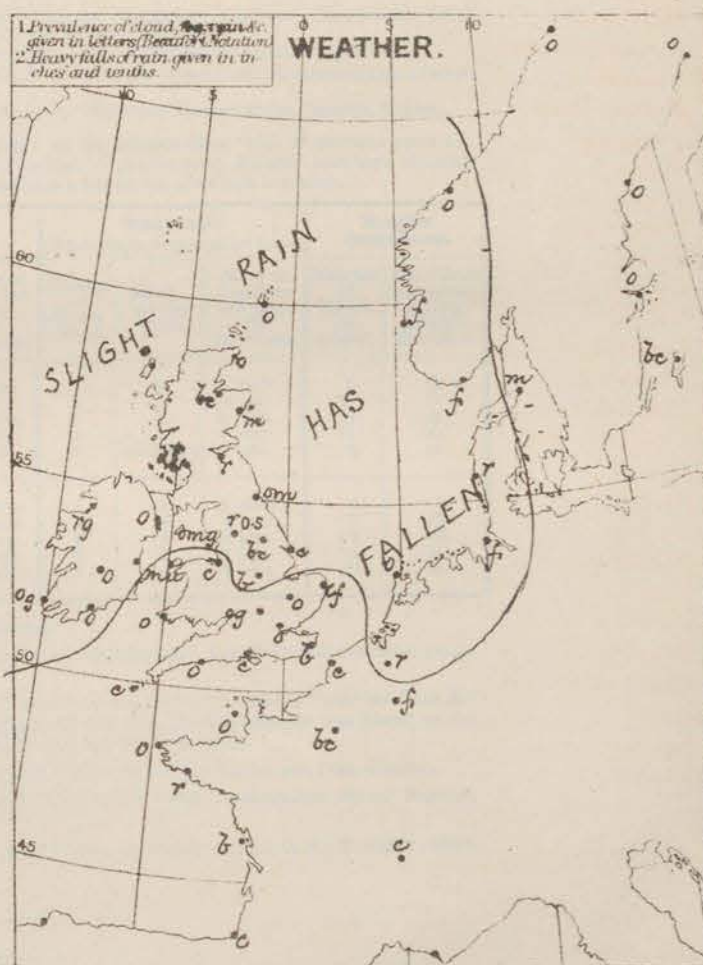
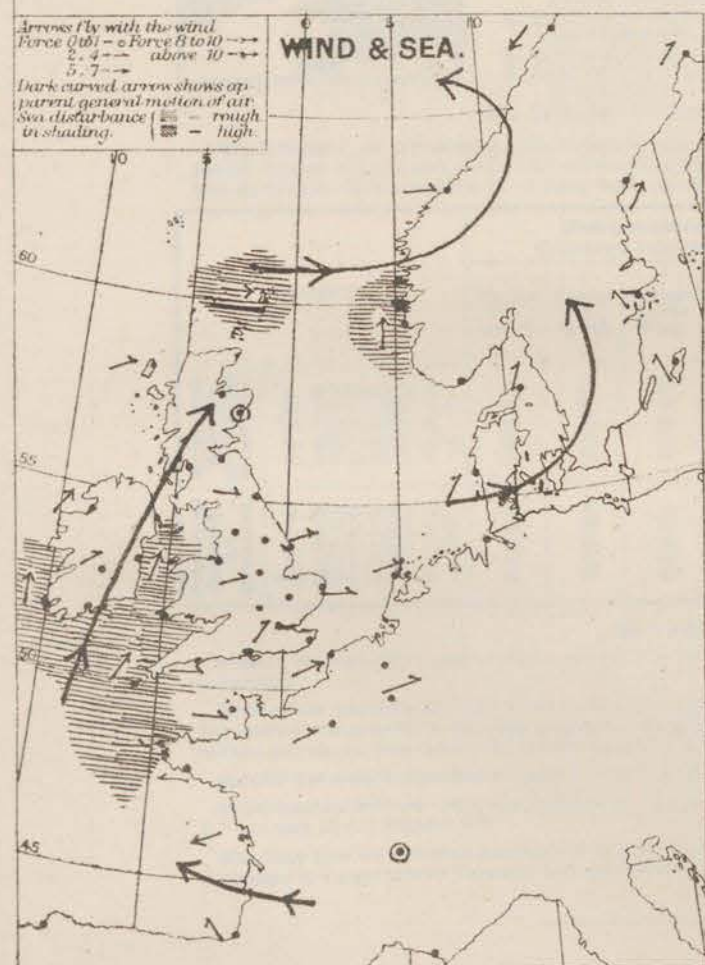
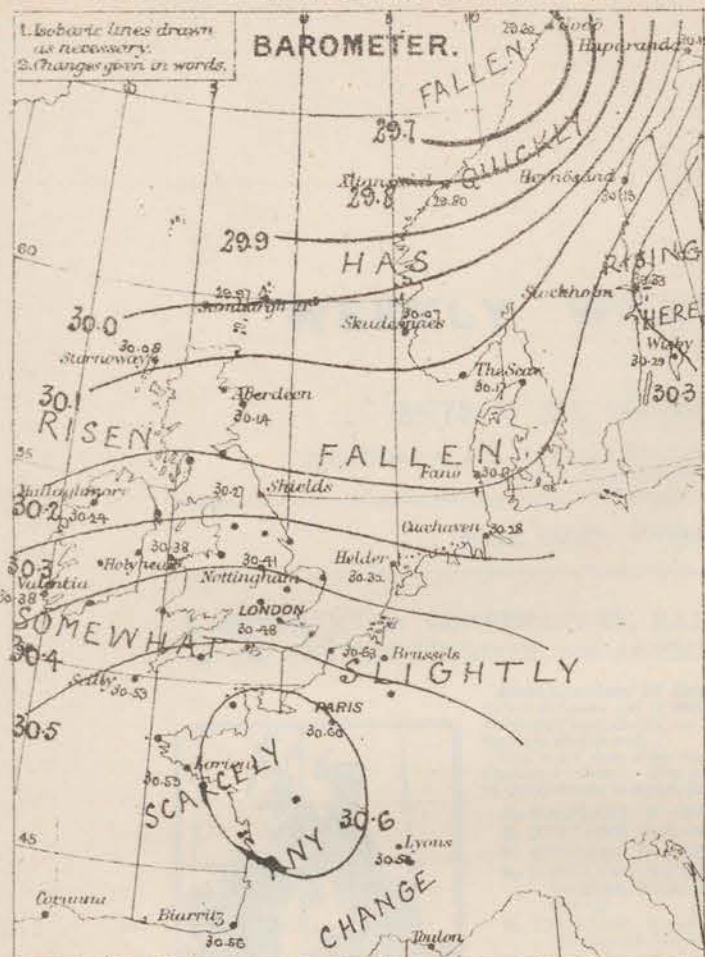
YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.
Skudesnaes ...	30 12	44	44	S	4	2 f	5	Valentia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...								Dover ...							
Aberdeen ...								London ...							*
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	30 56	53	52	E N E	4	C	2
Holyhead ...															

EXPLANATION OF COLUMNS

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (thick); 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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 6th DEC. 1880



REMARKS. A rather brisk decrease of pressure is reported from the N. of Scandinavia, and a large depression lies off the W. coast of Norway, but in nearly all other parts of N^o Europe the mercury is rising, and readings are as high as before. In the NW. of France gradients are comparatively slight and the wind is light or moderate in force, except at a few N^o stations. It blows from E. in the S. of France, from SW. and W. on nearly all our coasts, and from S. in the countries to the E^o of the North Sea. At Rode a strong NE^o wind is reported. Temperature has risen somewhat except in the SW. of France, and is now high for the year generally. Readings range from 53° in the W. of Ireland, and 55° at Leith to 48° on the S.E. coast of England and 38° at Biarritz. The weather is fine at a few central stations of England, Scotland and France, but elsewhere the sky is cloudy or overcast, with rain or fog in several places. Slight rain has fallen at most of the W^o and N^o stations. The sea is rough in the N. and W.

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

7th DEC.

1880.

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.		
			Dirac.	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.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.62	23	SW	4	S	29.43	-76	28	28	+25	S.	2	0	*	28	3	0.10		
Hernösand	29.86	27	SE	2	0	29.84	-34	40	27	+13	N	2	0	*	?	3	0.04		
Stockholm	30.01	33	WSW	6	N	30.10	-23	34	34	+9	NW	2	6	*	34	?	0.12		
Wisby	30.33	32	SW	6	S	30.18	-44	42	38	+5	NNW	6	0	*	?	16	0.47		
Bodo	29.24	44	SW	8	0	29.45	-17	40	37	+12	SW	8	2	6	45	28	-		
Christiansund	29.74	45	WSW	9	N	29.90	+10	46	45	-1	WSW	9	0	7	50	36	0.28		
† Skudesnaes	30.13	45	WNW	4	C	30.33	+20	42	42	-3	2	0	0	8	45	9	-		
(X)Ö (Xiansund)	30.08	42	SW	4	0	30.26	+15	42	40	+4	WSW	2	6	2	43	9	-		
Skagen (The Skaw)	30.04	42	SSW	2	f	30.22	+05	43	41	+2	WNW	3	0	3	43	37	0.04		
Fanö	30.16	46	W	4	N	30.41	+24	43	43	-2	WNW	4	0	*	46	41	0.16		
Cuxhaven	30.25	46	WSW	1	f	30.48	-20	45	45	-1	NNW	2	6	*	48	43	0.11		
† Sumburgh Head	30.07	47	W	5	6	30.19	+22	46	44	-3	WSW	4	0	5	50	43	-		
† Stornoway	30.28	44	SW	4	6	30.21	+13	49	49	-1	WSW	7	0	6	50	40	-		
Wick	30.24	44	NW	1	6	30.23	+09	43	41	-8	S	2	6	3	51	39	-		
Nairn	30.31	47	SW	1	6	30.29	+18	44	41	-9	SW	4	6	2	53	41	-		
† Aberdeen	30.31	49	W	2	0	30.35	+21	40	35	-8	SW	3	6	1	55	35	-		
Leith	30.33	53	SW	1	0	30.44	+25	38	38	-17	W	1	6	*	56	36	0.01		
† Shields	30.35	53	WSW	3	C	30.52	+25	39	39	-16	W	1	5	1	56	38	-		
Spurn Head	30.39	47	WSW	4	0	30.57	+23	42	42	-7	2	0	f	0	52	40	0.04		
York	30.39	52	WNW	2	0	30.57	+22	45	45	-7	SW	1	f	*	54	43	0.01		
Nottingham	30.49	50	WSW	1	6	30.60	+49	46	46	-4	WSW	1	0	*	57	45	0.18		
† Ardrossan	30.40	52	WNW	3	0	30.49	+26	46	45	-4	2	0	of	0	54	40	0.08		
† Mullaghmore	30.41	50	NNW	1	m	30.41	+17	53	52	+1	SW	5	sg	4	54	44	0.18		
Donaghadee	30.43	50	SW	2	0	30.48	+20	48	48	-6	WSW	3	2	1	54	40	0.03		
Parsonstown	30.46	52	2	0	N	30.54	+18	44	44	-8	SE	1	0	*	53	44	0.14		
Barrow-in-Furness	30.43	49	SW	4	N	30.54	+30	48	48	-1	SE	3	omg	4	49	46	0.08		
† Holyhead	30.45	51	SW	3	N	30.52	+14	50	50	-1	SW	2	f	1	51	49	0.40		
Liverpool (Bidston)	30.46	50	SW	3	0	30.56	+17	49	48	-2	SE	2	0	1	53	49	0.04		
† Valentia	30.44	53	S	4	gom	30.51	+13	50	49	-3	ESE	5	0	5	54	49	0.11		
Roche's Point	30.51	50	SW	3	0	30.56	+13	49	47	-3	SW	4	0	4	55	49	-		
Pembroke	30.50	51	WSW	3	C	30.57	+12	50	49	0	WSW	3	ow	3	51	50	-		
† Scilly	30.57	51	WSW	4	0	30.61	+08	50	49	-1	SE	3	0	5	52	49	-		
Prawle Point	30.58	50	WNW	3	0	30.63	+10	47	46	-4	NW	1	0	3	52	45	-		
Hurst Castle	30.56	50	WNW	4	0	30.64	+10	47	46	-1	WNW	1	om	1	52	46	-		
† Dover	30.50	49	W	2	6	30.62	+14	49	47	+1	N	2	6	1	52	47	-		
† London	30.51	49	WSW	1	0	30.62	+14	47	46	-2	W	1	0	*	54	47	-		
Oxford	30.55	47	WSW	1	6	30.62	+15	47	46	-3	2	0	of	*	52	46	-		
Cambridge	30.48	48	SW	1	6	30.60	+18	45	45	-5	NW	1	0	*	55	45	-		
† Yarmouth	30.42	48	W	2	6	30.59	+21	43	42	-5	2	0	f	2	51	42	0.01		
The Helder	30.38	48	W	2	C	30.56	+24	45	44	-3	NNW	1	8	1	48	45	-		
Cape Gris Nez	30.44	50	W	3	C	30.63	+15	48	48	-2	E	1	m	0	52	48	-		
† Jersey	30.63	50	W	2	C	30.68	+06	49	48	-1	NW	2	0	2	51	49	-		
Brest	30.63	49	S	1	0	30.63	+04	59	44	0	SE	3	0	6	50	45	-		
Lorient	30.60	47	E	3	0	30.61	+02	48	46	+1	ESE	3	0	3	48	45	-		
† Rochefort	30.56	48	NE	5	6	30.58	-08	41	40	0	ENE	5	6	2	57	36	-		
Biarritz	30.55	38	E	4	f	30.52	-04	39	37	+1	ESE	4	0	4	45	34	-		
Corunna	*	*	*	*	*	30.40	?	?	?	?	2	0	6	1	*	*	*		
Brussels	*	*	*	*	*	30.61	+15	48	48	+1	WSW	1	f	*	50	?	0.04		
Charleville	30.52	46	WSW	4	N	30.55	-08	47	43	+1	W	4	0	*	54	43	-		
Paris	30.58	55	E	3	0	30.64	+04	50	48	+4	2	0	0	*	*	*	0.08		
Lyons	30.54	43	NW	3	C	30.56	00	41	41	-1	ENE	1	m	*	46	41	-		
Toulon	29.73	52	W	4	6	30.24	?	48	?	?	E	1	0	2	57	48	-		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.15	47	W	4	f	29.27	+19	45	-1	SSW	3	0	*	47	41	0.34
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

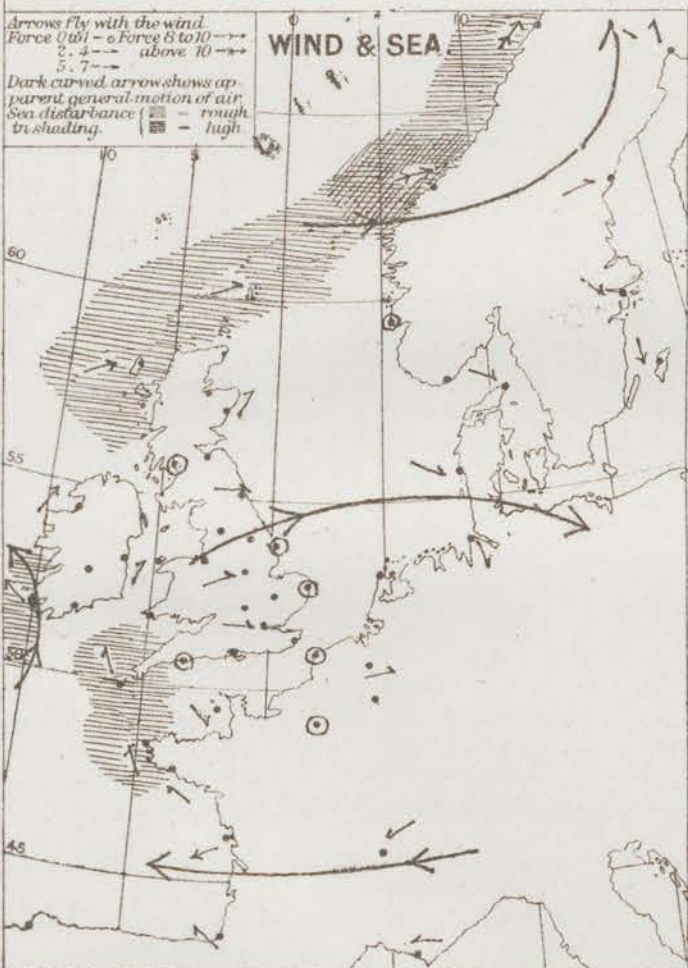
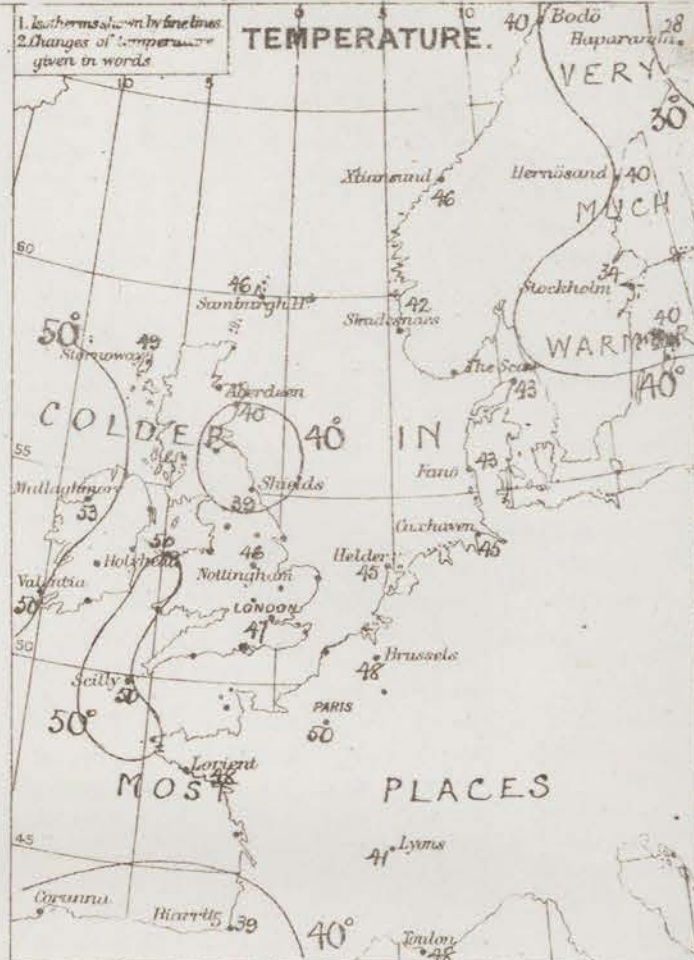
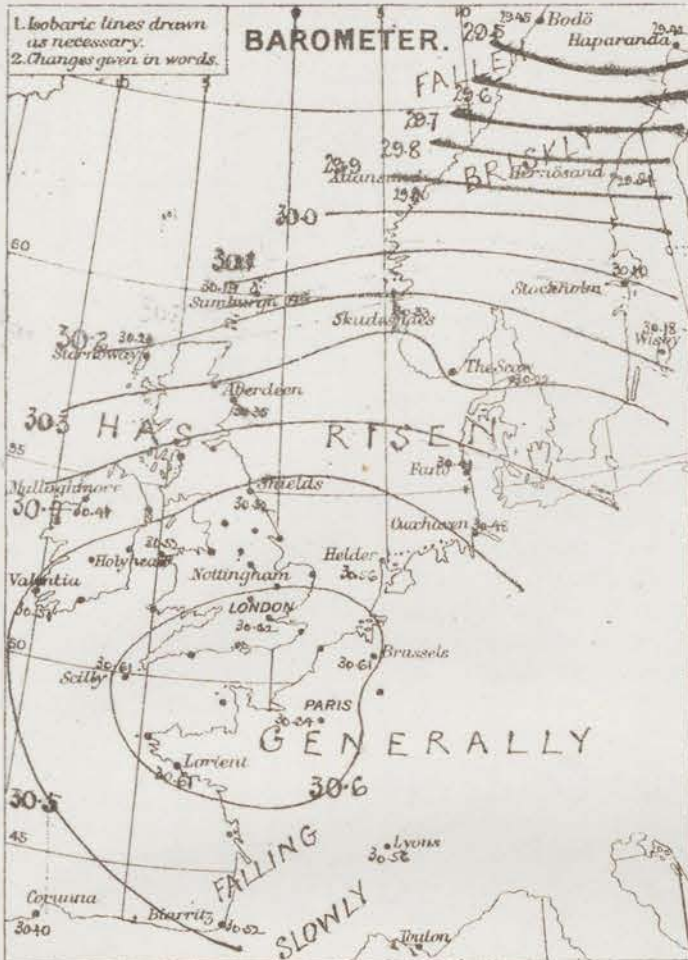
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	30.10	45	45	S SW	2	N f	5	Valentia ...	30.41	54	53	S SW	5	band 5
Sumburgh Head ...	30.00	43	47	W	5	0	5	Scilly ...	30.55	52	50	SW	4	0 5
Stornoway ...	30.14	50	49	W N W	5	6	5	Dover ...	30.46	51	50	W	3	eg 2
Aberdeen ...	30.16	49	48	2	0	m	0	London ...	30.48	53	51	W	2	0 2
Shields ...	30.28	54	52	2	0	0	1	Yarmouth ...	30.39	51	50	W N W	3	6 1
Ardrossan ...	30.28	50	49	W N W	2	0	1	Jersey ...	30.63	51	48	W	3	0 3
Mullaghmore ...	30.31	52	51	2	0	C	0	Rochefort ...	30.55	48	48	N E	4	6 2
Holyhead ...	30.42	51	50	S W	6	m u	5							

Pressure is increasing slowly except over France, with SW and W winds, and mild cloudy weather. Temperature ranges from 54° at Valentia and Shields to 48° in the Shetlands.

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 (low); 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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 DEC: 1880.



REMARKS. The anticyclone is now shown over the S. of England, the Channel and the N. of France, and the mercury is rising slowly over the whole of that neighbourhood, as well as on the E. shores of the North Sea, but in the S. of France, and also at all our more N. stations, a fall of the barometer is reported, while in the N. of Scandinavia a rather deep depression is shown. Over these islands readings are moderately uniform. The wind is anticyclonic over the S. half of our area, blowing from E. over France, from SE. on our SW. coasts, and from SW. and W. over the N. of Ireland and England. Over the N. of Scotland, and the whole of Scandinavia SW. to NW. winds strong to a gale in force are reported, in connection with the low pressure in the N. The weather is fine in the E. of Scotland, foggy in the E. of England and generally cloudy or dull elsewhere. Slight rain has fallen on our W. coasts and in the NE. of England. Temperature has risen fast in Sweden, but fallen in nearly all parts of N. Europe, - the changes on our NE. coasts being considerable. Readings range from 50° in the SW. to 38° at Luleå. The sea is rough in the SW. and N.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

8TH DEC.

1880.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.									PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETEE.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.50	27	SW	2	c	29.03	-40	33	33	+5	S	2	z	*	44	27	-	
Hernösand	29.75	39	SSW	4	c	29.35	-49	40	37	0	SSW	2	z	*	43	25	-	
Stockholm	30.02	37	SW	2	c	29.63	-47	43	41	+4	W	6	0	*	?	30	-	
Wisby	30.05	39	W	4	c	29.81	-37	42	41	+2	W	6	c	*	?	27	-	
Bodo	30.34	41	SW	4	c	28.71	-74	42	41	+2	SW	8	z	6	?	34	0.43	
Christiansund	29.62	46	WSW	9	z	29.39	-51	47	45	+1	WSW	9	z	8	?	41	0.71	
† Skudesnaes	30.15	46	WSW	4	o	29.97	-36	47	45	+5	WSW	6	qf	5	?	?	-	
Oxö (Långsund)	30.23	45	SW	7	o	29.96	-30	46	44	+4	SW	6	o	3	?	?	-	
Skagen (The Skaw)	30.24	43	WSW	5	o	29.98	-24	45	44	+2	WSW	6	o	5	45	38	-	
Fanö	30.34	44	W	4	b	30.26	-15	46	44	+3	WNW	4	o	*	46	41	-	
Cuxhaven	30.62	45	W	3	f	30.44	-04	46	46	+1	W	3	f	*	?	38	0.01	
† Sumburgh Head	29.97	49	SW	7	c	29.83	-36	49	48	+3	W	9	z	8	50	43	0.04	
† Stornoway	30.15	51	WSW	7	o	30.00	-21	49	49	0	WSW	7	z	6	53	45	0.17	
Wick	30.15	49	W	3	b	30.01	-22	50	48	+7	WSW	4	od	3	52	41	-	
Nairn	30.21	51	SW	6	c	30.07	-22	50	47	+6	SW	8	b	3	54	43	-	
† Aberdeen	30.23	51	S	2	o	30.16	-19	50	45	+10	W	3	b	1	52	39	-	
Leith	30.38	52	WSW	5	b	30.34	-13	47	44	+9	W	7	c	*	53	38	-	
† Shields	30.47	51	WSW	2	o	30.37	-15	47	44	+8	W	3	c	1	52	37	-	
Spurn Head	30.56	47	SW	3	o	30.49	-08	41	38	-1	WSW	4	c	4	49	41	-	
York	30.54	51	W	1	o	30.49	-08	48	45	+3	W	3	o	*	51	43	0.01	
Nottingham	30.60	49	SW	1	o	30.56	-04	47	45	+1	SW	3	c	*	51	45	-	
† Ardrossan	30.45	48	W	5	b	30.38	-11	49	47	+3	W	3	o	2	55	44	-	
† Mullaghmore	30.43	48	SW	6	e	30.40	-01	50	48	-3	SW	5	og	4	53	47	-	
Donaghadee	30.49	47	W	3	c	30.43	-05	47	45	-1	W	4	c	2	51	45	-	
Parsonstown	30.54	43	S	1	b	30.52	-02	47	45	+3	SW	2	o	*	49	41	-	
Barrow-in-Furness	30.54	48	SSW	3	z	30.49	-05	47	45	-1	W	3	o	3	49	46	0.02	
† Holyhead	30.54	49	SW	4	m	30.53	+01	48	47	-2	WSW	2	og	2	51	46	-	
Liverpool (Bidston)	30.53	47	SE	1	c	30.54	-02	47	45	-2	WSW	1	o	1	54	46	-	
† Valentia	30.52	50	S	4	o	30.54	+03	52	49	+2	S	5	o	5	54	49	-	
Roches Point	30.59	50	SW	4	o	30.57	+01	51	48	+2	WSW	3	o	4	53	48	-	
Pembroke	30.59	49	SSW	3	o	30.57	-00	50	48	0	WSW	4	o	3	52	48	-	
† Scilly	30.62	50	SSW	4	o	30.63	+02	51	50	+1	WSW	2	o	4	51	49	-	
Prawle Point	30.66	49	E	1	o	30.66	+03	49	49	+2	SSW	1	m	3	50	46	-	
Hurst Castle	30.68	48	?	0	o	30.66	+02	48	47	+1	?	0	o	1	52	46	-	
† Dover	30.67	47	?	0	b	30.66	+04	46	45	-3	W	3	og	2	51	45	-	
† London	30.66	46	W	0	o	30.63	+01	48	47	+1	WSW	2	om	*	53	43	-	
Oxford	30.64	47	SW	3	o	30.62	00	48	46	+1	WSW	2	og	*	53	46	-	
Cambridge	30.62	48	SW	1	o	30.60	00	47	47	+2	W	1	o	*	51	44	-	
† Yarmouth	30.62	48	WSW	1	f	30.55	-04	46	45	+3	W	3	f	1	49	40	-	
The Helder	30.63	42	SSW	2	f	30.50	-06	46	46	+1	WSW	2	o	2	48	39	-	
Cape Gris Nez	30.68	48	S	1	m	30.63	00	48	48	0	WSW	4	o	2	54	46	-	
† Jersey	30.69	49	ENE	2	om	30.70	+02	46	46	-3	SE	1	f	1	51	45	-	
Brest	30.63	50	SE	3	o	30.65	+02	48	47	-2	?	0	m	4	50	47	-	
Lorient	30.61	50	E	4	o	30.62	+01	47	46	-1	ESE	3	m	3	50	46	-	
† Rochefort	30.52	49	ENE	5	b	30.62	+06	49	47	+3	E	7	o	2	55	36	-	
Biarritz	30.51	38	E	5	f	30.56	+04	38	37	-1	ESE	4	f	3	43	34	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	30.63	+02	44	43	-4	SW	3	o	*	50	42	-	
Charleville	30.67	39	ENE	4	b	30.64	+09	33	32	-14	WSW	4	f	*	54	32	-	
Paris	30.70	50	?	4	o	30.69	+05	41	41	-9	NNE	3	o	*	*	*	-	
Lyons	30.54	48	NNW	1	o	30.60	+04	45	44	+4	NNW	1	o	*	48	38	-	
Toulon	30.41	51	?	0	c	30.53	?	51	47	+3	E	4	b	2	54	46	-	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.24	43	SW	7	o	29.17	-12	42	42	-3	W	8	47	41	0.05
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

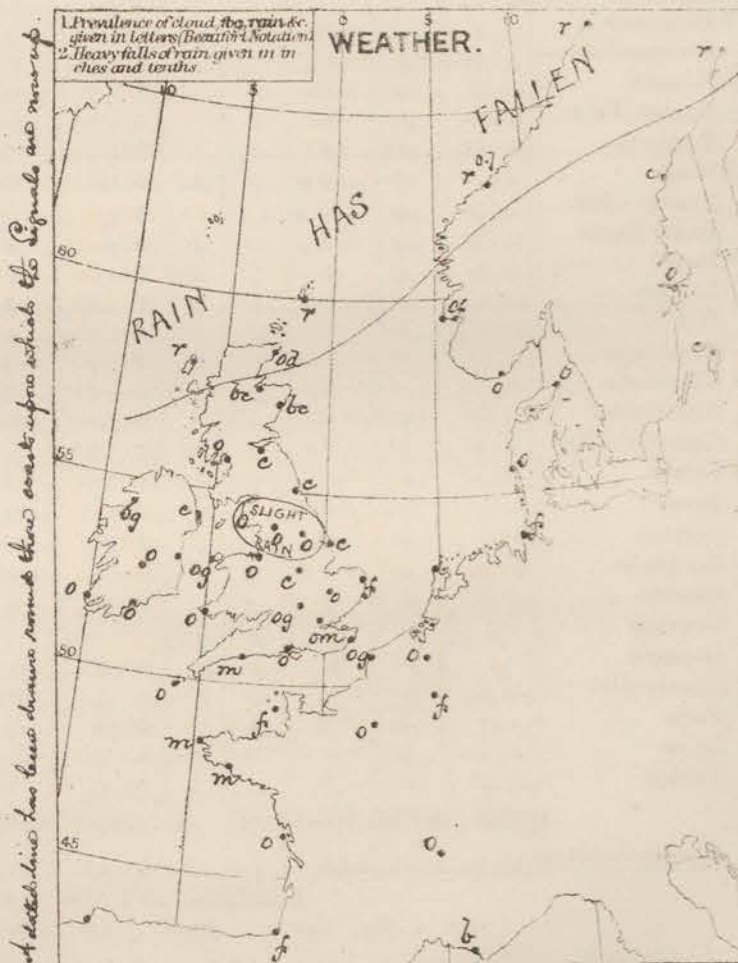
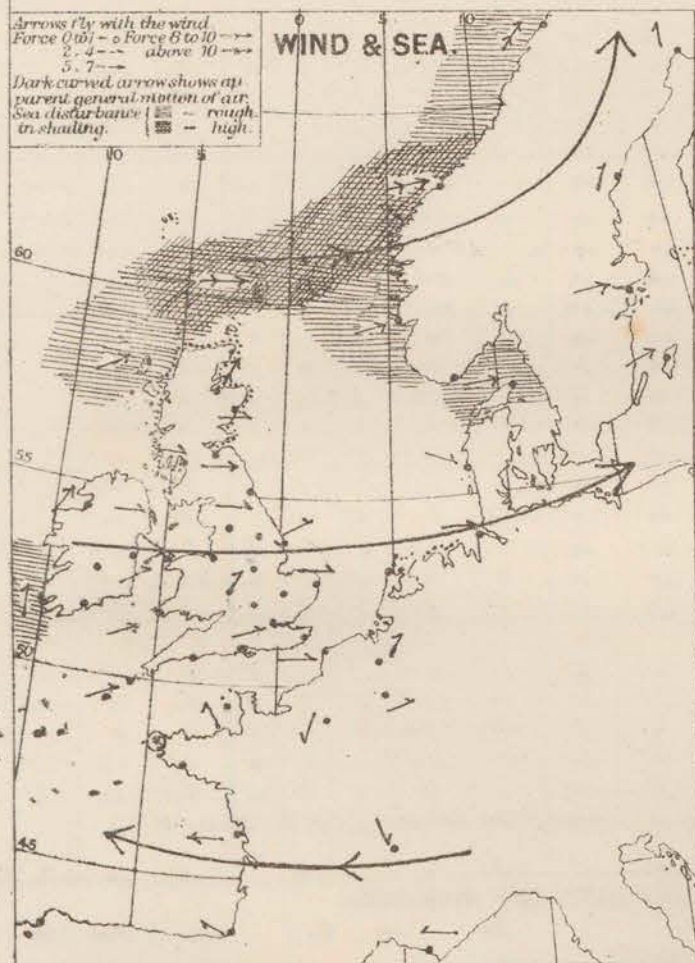
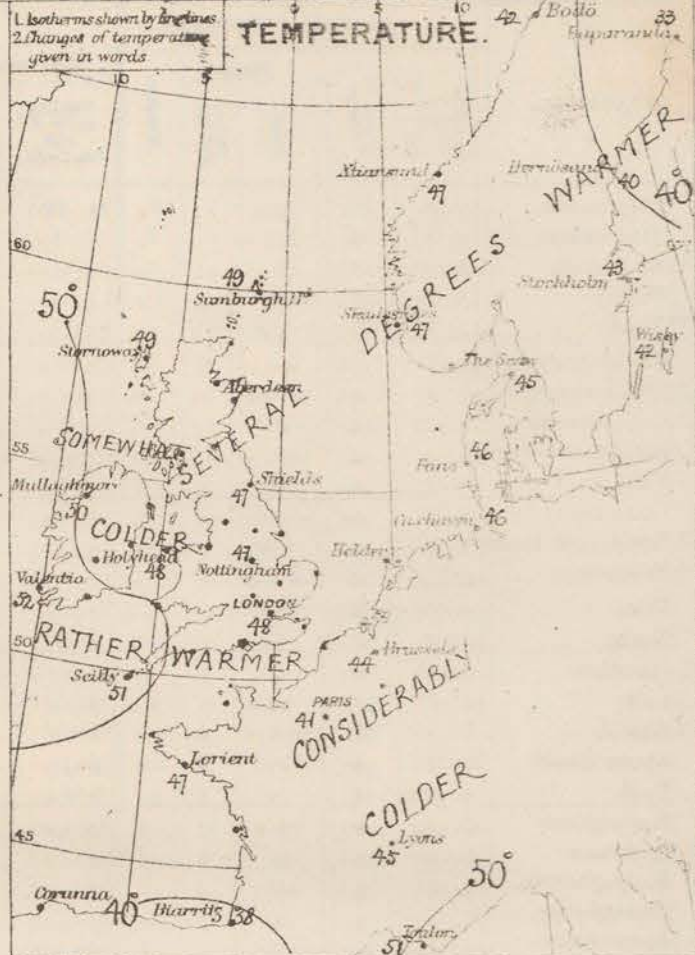
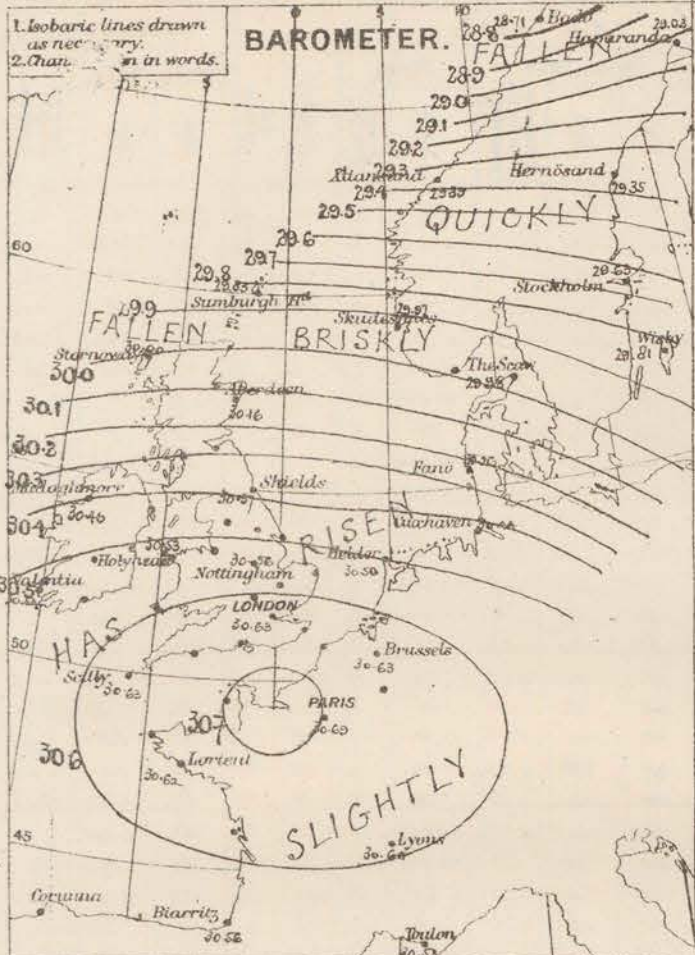
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	20.29	44	43	SSE	4	0 f	4	Valentia ...	20.54	51	48	S	4	0 f	4
Sumburgh Head ...	30.08	47	45	WSW	5	0	5	Scilly ...	30.62	51	50	SSE	4	0	5
Stornoway ...	30.14	53	52	WSW	7	0	6	Dover ...	30.64	50	49	WSW	2	b	1
Aberdeen ...	30.29	49	46	SW	4	0	1	London ...	30.65	52	50	W	1	og m	1
Shields ...	30.49	46	45	WSW	1	0	1	Yarmouth ...	30.61	47	47	WNW	1	f	2
Ardrossan ...	30.43	50	49	SW	4	0	4	Jersey ...	30.70	51	50	E	1	om	1
Mullaghmore ...	30.42	50	48	SW	6	0 g	5	Rochefort ...	30.54	55	51	ENE	4	b	2
Holyhead ...	30.55	50	48	SW	3	m	2								

Pressure is decreasing in the N, increasing in the S, and the barometer is as high as 30.7 ins. at Jersey. The weather is dull with mild SW breezes.

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 (miserable); 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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 DEC^r 1880.



REMARKS.

A considerable depression has advanced during the night to the N. of Norway, and has occasioned a fall of three quarters of an inch in the barometer at Bodø, and a brisk fall over the whole of Scandinavia, and the N. of the British Isles. In the S. the change is very slight, and generally upwards. A large anticyclone lies over the S. of England, and the N. of France, and gradients are steep over the N. half of our area. The wind is E. over France, S. at Valencia, and W. to SW. in all other parts of these Islands, and the whole of the countries to the E. of the North Sea. Over Ireland and England the wind is light or moderate, but further to the N. it increases considerably in force, and over the Shetlands and N. of Norway blows a fresh gale. The sky is cloudy or overcast in all places except in the E. of Scotland, and rain, mist or fog is reported from several stations. The weather generally has been very dry. Temperature has risen except in the Netherlands, and readings range from 52° at Valencia and 50° in the NE. of Scotland to 40° at Spurn Head. The sea is rough at Valencia, and very rough in the N. of Norway. The S. of the land has been hoisted this morning as the Scotch coast.

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

9TH DEC.

1880.

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	28.95	28	NW	4	b	28.85	-.18	22	21	-.11	SW	2	c	*	39	21	-	
Hernösand	29.31	34	Z	0	b	29.13	-.22	35	32	-.5	W	2	o	*	48	34	-	
Stockholm	29.39	42	W	4	o	29.12	-.51	37	37	-.6	NW	6	h	*	45	37	0.08	
Wisby	29.54	42	WSW	4	b	29.17	-.64	43	41	+.1	W	4	o	*	43	28	-	
Bodö	28.98	37	NW	8	e	28.94	+.23	31	30	-.1	NW	8	c	5	21	30	-	
Christiansund	29.30	41	W	9	r	29.44	+.05	32	31	-.15	WNW	9	e	7	?	25	0.28	
Skudesnaes	29.66	47	WNW	6	o	29.69	-.28	40	37	-.7	WNW	4	h	3	48	?	-	
Oxö (Xiansund)	29.73	46	WSW	6	o	29.64	-.32	40	37	-.6	W	6	b	3	46	40	-	
Skagen (The Skaw)	29.67	46	WNW	7	o	29.55	-.43	42	39	-.3	WNW	9	b	8	46	41	-	
Fanö	29.96	46	W	6	o	29.87	-.39	45	42	-.1	WNW	6	e	*	46	45	0.08	
Cuxhaven	30.29	45	WSW	6	o	30.01	-.43	46	45	0	NW	5	b	*	?	43	0.02	
Sumburgh Head	29.69	43	NW	7	r	29.77	-.06	45	44	-.4	WNW	6	o	6	50	43	0.30	
Stornoway	30.01	48	WNW	5	b	30.12	+.12	47	47	-.2	WNW	6	o	6	54	44	0.27	
Wick	29.91	48	WSW	7	o	29.98	-.03	45	43	-.5	W	8	o	4	50	42	-	
Nairn	30.00	51	W	3	b	30.12	+.05	47	46	-.3	W	4	d	2	53	44	0.03	
Aberdeen	29.98	49	W	3	c	30.07	-.09	48	44	-.2	W	4	b	1	53	45	-	
Leith	30.12	49	W	6	r	30.22	-.09	48	45	+.1	W	4	o	*	52	44	0.04	
Shields	30.27	48	W	7	c	30.25	-.12	46	45	-.1	W	7	o	2	50	45	-	
Spurn Head	30.36	46	W	5	b	30.32	-.17	47	45	+.6	W	4	c	3	49	40	-	
York	30.36	49	W	5	e	30.34	-.15	46	43	-.2	W	3	b	*	52	45	-	
Nottingham	30.45	48	SSW	2	o	30.40	-.16	48	46	+.1	WNW	3	c	*	50	44	-	
Ardrossan	30.25	50	W	5	r	30.33	-.05	49	48	0	WNW	3	e	2	51	47	0.07	
Mullaghmore	30.33	50	SW	6	r	30.46	+.06	49	47	-.1	W	5	o	4	53	47	0.22	
Donaghadee	30.33	50	W	6	c	30.42	-.01	45	44	-.2	W	4	o	2	51	45	0.01	
Parsonstown	30.49	50	SSW	3	o	30.55	+.03	48	47	+.1	SW	1	o	*	52	47	0.01	
Barrow-in-Furness	30.37	49	W	5	o	30.39	-.10	48	46	+.1	SW	3	o	3	49	46	0.17	
Holyhead	30.45	50	WSW	4	m	30.45	-.08	48	46	0	WNW	5	o	4	51	47	-	
Liverpool (Bidston)	30.44	48	WSW	4	b	30.44	-.10	47	41	0	W	3	o	2	51	47	-	
Valentia	30.56	50	WSW	4	o	30.63	+.09	53	52	+.1	W	5	o	4	54	50	0.03	
Roche's Point	30.58	50	W	3	b	30.58	+.01	53	51	+.2	WNW	4	b	4	54	48	-	
Pembroke	30.54	51	W	5	o	30.51	-.06	51	51	+.1	W	5	o	3	52	50	-	
Scilly	30.63	51	WNW	4	p	30.66	+.03	52	52	+.1	WNW	5	o	4	52	49	0.02	
Prawle Point	30.62	49	WNW	4	o	30.57	-.09	49	49	0	WNW	5	o	4	50	47	0.01	
Hurst Castle	30.59	49	WNW	3	o	30.51	-.15	49	48	+.1	WNW	4	o	2	50	47	0.02	
Dover	30.55	49	W	3	c	30.43	-.23	48	46	+.2	SW	3	b	2	49	45	-	
London	30.54	49	WSW	3	o	30.45	-.18	48	46	0	NW	2	e	*	51	46	-	
Oxford	30.53	48	W	2	o	30.46	-.16	47	46	-.1	W	1	o	*	50	46	-	
Cambridge	30.49	48	W	1	o	30.40	-.20	48	47	+.1	W	1	o	*	55	45	-	
Yarmouth	30.43	48	W	4	c	30.32	-.23	47	46	+.1	WNW	3	b	2	48	44	-	
The Helder	30.35	47	W	4	o	30.20	-.30	48	47	+.2	?	3	c	2	48	46	-	
Cape Gris Nez	30.55	48	WSW	5	o	30.42	-.21	49	47	+.1	W	5	o	4	54	46	-	
Jersey	30.68	49	W	2	f	30.67	-.03	51	48	+.5	W	3	c	3	51	45	0.01	
Brest	30.56	49	N	1	m	30.71	+.06	50	47	+.2	N	4	o	3	50	46	-	
Lorient	30.62	45	ESE	1	m	30.67	+.05	50	49	+.3	NW	4	o	3	?	43	-	
Rochefort	30.59	46	ENE	4	b	30.68	+.06	43	41	-.6	N	5	c	2	55	37	-	
Biarritz	30.60	39	E	5	b	30.67	+.11	45	43	+.7	S	3	o	3	45	36	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	30.36	-.27	46	46	+.2	W	4	o	*	47	?	0.08	
Charleville	30.59	37	S	4	f	30.42	-.22	42	41	+.9	SW	4	o	*	54	32	0.08	
Paris	30.69	41	?	3	f	30.55	-.14	49	47	+.8	WSW	3	o	*	*	*	-	
Lyons	?	45	?	1	c	30.69	-.01	37	36	-.8	NW	1	m	*	46	36	-	
Toulon	30.51	56	W	5	b	30.40	-.13	50	49	-.1	Z	0	b	2	57	48	-	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	29.09	44	WSW	7	o	29.08	-.09	42	41	0	W	4	b	*	46	40	0.18
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.82	46	45	W	7	r	5	Valentia ...	30.56	54	49	SW	4	o	4
Sumburgh Head ...	29.71	49	49	W	9	r	8	Scilly ...	30.65	52	51	S SW	4	o	4
Stornoway ...	29.94	52	52	W	6	r	6	Dover ...	30.57	48	47	W	3	o g	1
Aberdeen ...	30.09	50	47	S SW	3	o	1	London ...	30.57	51	48	W SW	2	o g m	*
Shields ...	30.31	59	46	W	7	b c	2	Yarmouth ...	30.47	47	45	W	4	c f	2
Ardrossan ...	30.30	49	48	W NW	4	c	3	Jersey ...	30.70	47	47	W NW	1	f	0
Mullaghmore ...	30.36	52	49	SW	6	c	5	Rochefort ...	30.60	54	50	ENE	5	b	2
Holyhead ...	30.50	49	46	W SW	5	o	3								

Pressure is giving way everywhere except on our SW coasts, and the wind, which is W - on nearly all coasts, blows strongly in the N. The weather is dull with fog or gloom in the SE.

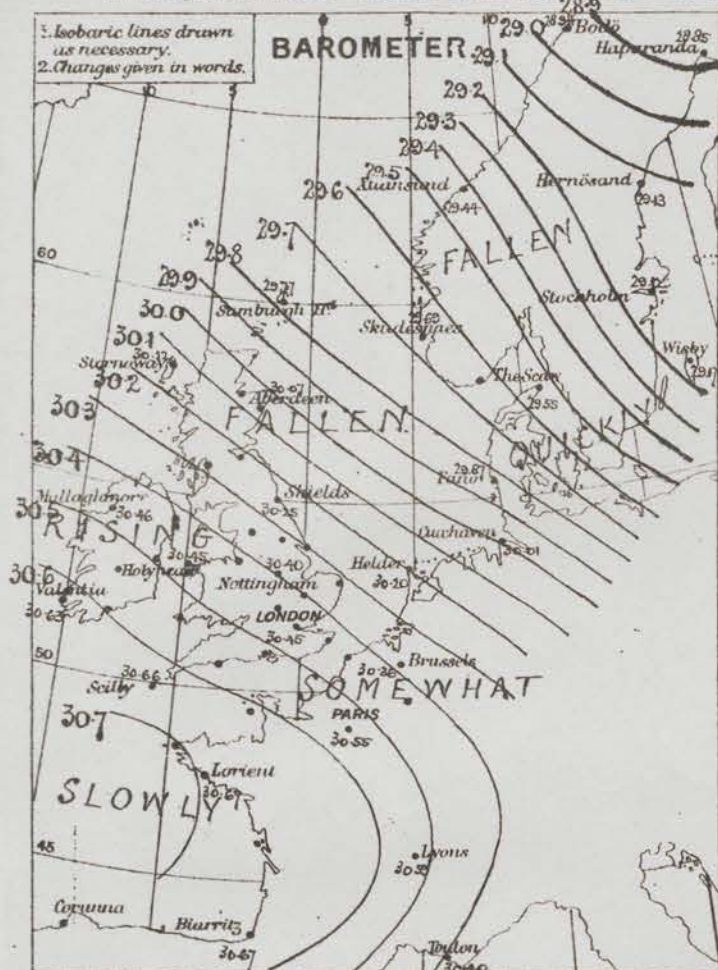
EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (lower); 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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 DEC^r 1880.

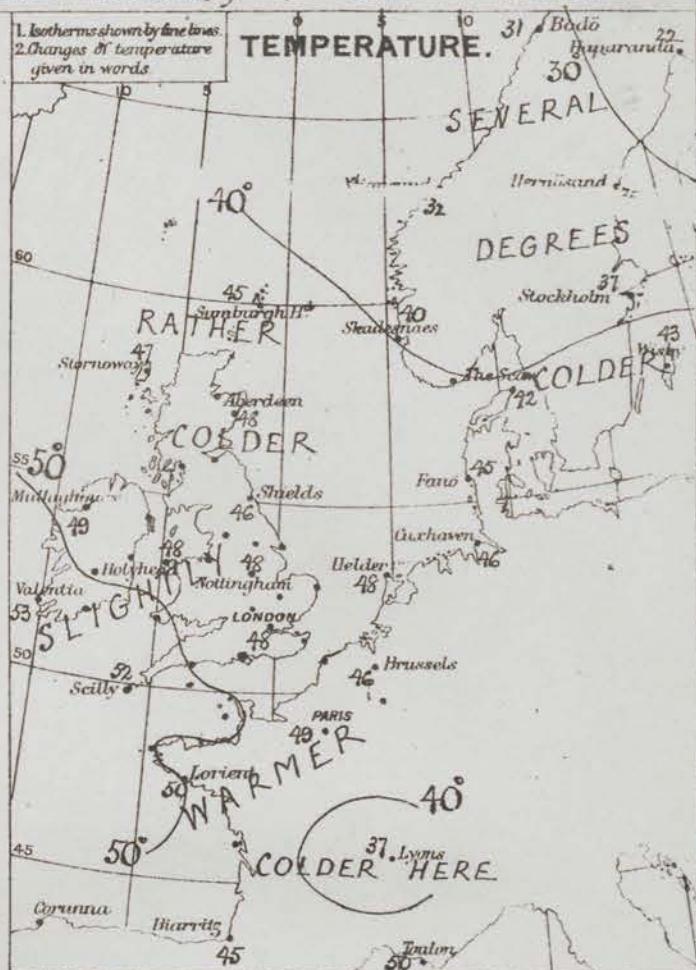
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



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

TEMPERATURE.



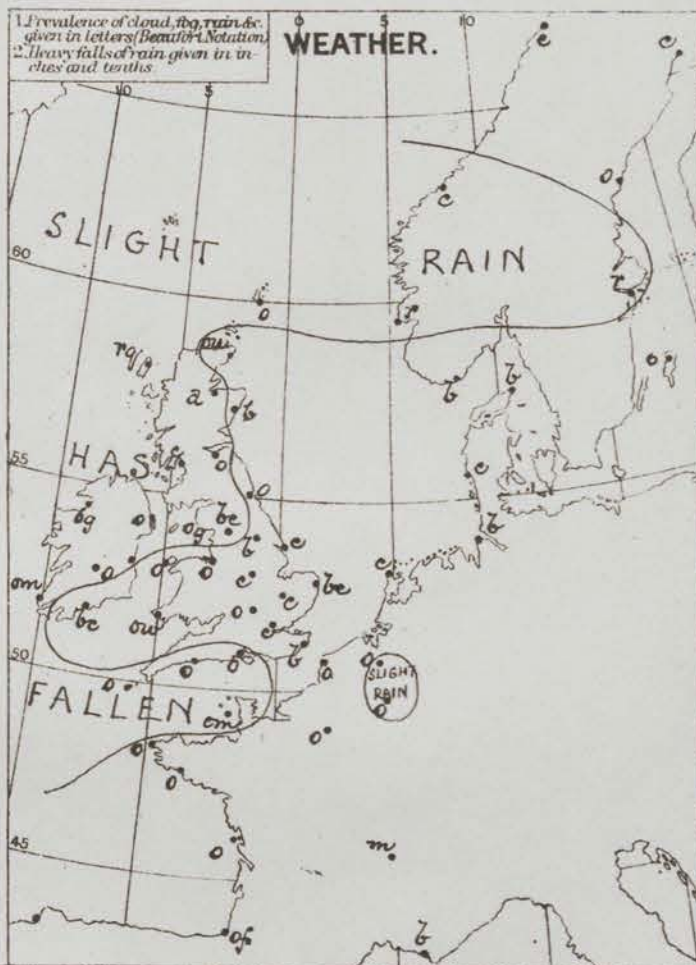
Arrows fly with the wind.
Force 0 to 10 — Force 6 to 10 —
2, 4 — above 10 —
5, 7 —
Dark curved arrow shows apparent general motion of air.
Sea disturbance: — rough in shading. — high

WIND & SEA.



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

WEATHER.



REMARKS. A rise of the mercury is in progress in nearly all parts of these Islands, France and the N. of Norway, while in Sweden the barometer is still falling briskly. A large area of low pressure is shown over Scandinavia, while the highest readings (still 30.7 in.) have travelled N., and are shown over the Bay of Biscay. In consequence the wind has veered in many places, and W. winds are now reported over the whole of these Islands, the countries to the E. of the North Sea and the Netherlands, while in the W. of France the wind is N. It is fresh air here at many N. stations, and is strong to a gale in the N. of Scotland, and in Norway and Denmark, but elsewhere it is light or moderate. The weather is fine on the SE coast of England, and over the Skager Rack, but is generally dull, and rain or mist or fog is reported from several stations. Slight rain has fallen in the N. coast elsewhere, and ranges from 0.3 in S. Ireland to 0.45 at Wick. It is still very high for the time of year. The sea is moderate or slight except in the N.

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116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

10TH DEC.

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 13).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 13).			Max.	Min.			
Haparanda	29.00	20	W	2	6	29.06	+21	21	21	-1	W	2	0	*	21	14	-		
Hernösand	29.24	27	NW	2	6	29.38	+25	26	23	-9	W	2	6	*	39	23	-		
Stockholm	29.26	23	NW	6	6	29.50	+38	27	24	-10	WNW	4	6	*	43	27	-		
Wisby	29.29	35	N	6	6	29.47	+30	34	33	-9	NNW	4	60	*	25	30	-		
Bedö	29.19	33	NW	6	6	29.14	+20	31	29	0	WSW	4	6	3	36	26	-		
Christiansund	29.68	32	NW	6	0	29.57	+13	31	30	-1	ESE	4	5	6	35	18	-		
† Skudesnaes	29.86	35	NNW	5	0	29.50	+19	40	40	0	S	3	2	6	?	?	-		
Oxö (Christiansund)	29.72	36	WNW	6	6	29.69	+05	36	30	-4	WSW	4	0	2	43	32	-		
Skagen (The Skaw)	29.67	38	NNW	7	6	29.71	+16	34	31	-2	WSW	3	0	3	43	27	-		
Fanö														*					
Cuxhaven	29.88	47	NW	7	0	29.99	+02	45	44	-1	W	1	f	*	?	41	0.02		
† Sumburgh Head																			
† Stornoway																			
Wick	29.99	45	NW	3	2	29.77	-21	44	40	-1	WNW	9	60	4	52	42	0.15		
Nairn	30.06	49	W	4	0	29.94	-18	47	43	0	W	2	6	4	50	46	0.01		
† Aberdeen	30.07	48	WNW	3	0	29.89	-18	48	43	0	WNW	6	6	1	53	42	0.01		
Leith	30.15	49	W	2	0	30.01	-21	51	46	+3	NW	6	60	*	53	43	-		
† Shields	30.19	49	W	6	0	30.07	-18	52	50	+6	WNW	1	0	2	52	45	-		
Spurn Head	30.26	47	W	4	0	30.06	-26	50	49	+3	WSW	6	6	5	50	40	0.02		
York	30.27	48	NW	4	0	30.13	-22	53	50	+7	W	5	0	*	53	45	-		
Nottingham	30.37	47	WSW	2	0	30.25	-15	51	50	+3	WNW	2	0	*	52	45	0.02		
† Ardrossan	30.23	50	WNW	5	0	30.16	-17	49	47	0	NW	5	0	3	50	48	0.01		
† Mullaghmore	30.40	51	WSW	6	0	30.35	-11	49	46	0	WNW	6	0	5	52	48	0.08		
Donaghadee	30.32	50	WNW	5	0	30.26	-16	49	47	+4	WNW	5	0	3	54	45	0.01		
Parsonstown	30.51	52	W	3	0	30.44	-11	51	51	+3	WSW	4	0	*	53	46	-		
Barrow-in-Furness	30.37	48	WSW	3	0	30.19	-20	50	47	+2	SW	4	0	4	50	47	-		
† Holyhead	30.40	50	W	4	m	30.33	-12	50	50	+2	W	3	0	3	53	46	0.01		
Liverpool (Bilston)	30.36	48	W	7	0	30.24	-20	51	50	+4	W	8	0	5	52	47	-		
† Valentia	30.61	53	W	3	0	30.54	-09	52	51	-1	W	4	0	4	54	50	0.01		
Roshe's Point	30.57	50	WNW	4	60	30.51	-07	52	49	-1	WNW	2	0	4	56	48	-		
Pembroke	30.51	52	WNW	3	0	30.42	-09	52	50	+1	WNW	6	0	3	52	50	-		
† Scilly	30.63	53	WNW	6	0	30.57	-09	52	51	0	WNW	6	0	4	53	51	0.01		
Prawle Point	30.63	50	WNW	5	0	30.47	-10	51	50	+2	WNW	5	0	4	52	48	-		
Hurst Castle	30.48	50	NW	5	0	30.36	-15	52	50	+3	N	5	60	4	53	49	-		
† Dover	30.86	50	NW	3	60	30.27	-16	51	49	+3	W	3	6	2	52	47	-		
† London	30.40	48	WNW	1	0	30.31	-14	51	49	+3	WNW	3	0	*	52	42	-		
Oxford	30.40	46	SW	2	0	30.31	-15	52	50	+5	W	3	0	*	52	43	-		
Cambridge	30.34	48	W	1	0	30.24	-16	50	49	+2	W	1	6	*	51	44	-		
† Yarmouth	30.27	47	WNW	4	0	30.15	-17	49	48	+2	WNW	3	60	2	49	42	-		
The Helder	30.13	47	WNW	4	60	30.06	-14	48	46	0	WNW	3	0	2	48	46	-		
Cape Gris Nez																			
† Jersey	30.60	53	WNW	5	0	30.51	-16	53	52	+2	WNW	5	0	4	53	50	-		
Brest	30.69	51	NNW	5	0	30.59	-12	51	49	+1	NNW	5	0	3	52	50	0.04		
Lorient	30.66	50	WNW	4	0	30.56	-11	52	51	+2	NW	4	m	2	52	48	-		
† Rochefort	30.66	49	NW	4	m	30.56	-12	50	50	+7	NW	4	6	2	50	37	-		
Biarritz																			
Corunna	*	*	*	*	*			*						*	*	*			
Brussels	*	*	*	*	*	30.24	-12	47	46	+1	W	4	0	*	50	45	-		
Charleville	30.29	45	SW	4	0	30.28	-14	?	41	?	SW	?	?	*	52	45	0.04		
Paris	30.47	51	?	1	0	30.41	-14	51	48	+2	W	1	0	*	*	*	-		
Lyons	30.56	42	NW	5	0	30.44	-15	44	42	+7	NNW	1	60	*	44	?	-		
Toulon																			

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.01	42	WSW	7	60	28.89	-19	47	+5	W	5	0	*	48	41	-
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.72	34	33	NNW	6	25	4	Valentia	30.64	54	53	W	3	0 m	4
Sumburgh Head	29.91	44	42	NNW	5	0	6	Scilly	30.66	53	53	WNW	6	0 m	5
Stornoway	30.10	49	48	WNW	4	2	5	Dover	30.40	51	49	NW	2	0 g	0
Aberdeen	30.07	49	46	W	4	0	1	London	30.43	52	49	WNW	2	6 c	0
Shields	30.23	49	47	W	6	0	2	Yarmouth	30.31	48	46	WNW	3	c	2
Ardrossan	30.30	50	48	WNW	3	0	2	Jersey	30.63	53	52	WNW	4	0 m w	4
Mullaghmore	30.46	50	49	WSW	6	0 g	5	Rochefort	30.68	45	44	SW	4	m	2
Holyhead	30.47	49	47	W	5	c	4								

Pressure is increasing a little in the Shetlands but shows very little change elsewhere. The wind is fresh or moderate from NW. and the weather generally cloudy.

EXPLANATION OF COLUMNS.

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

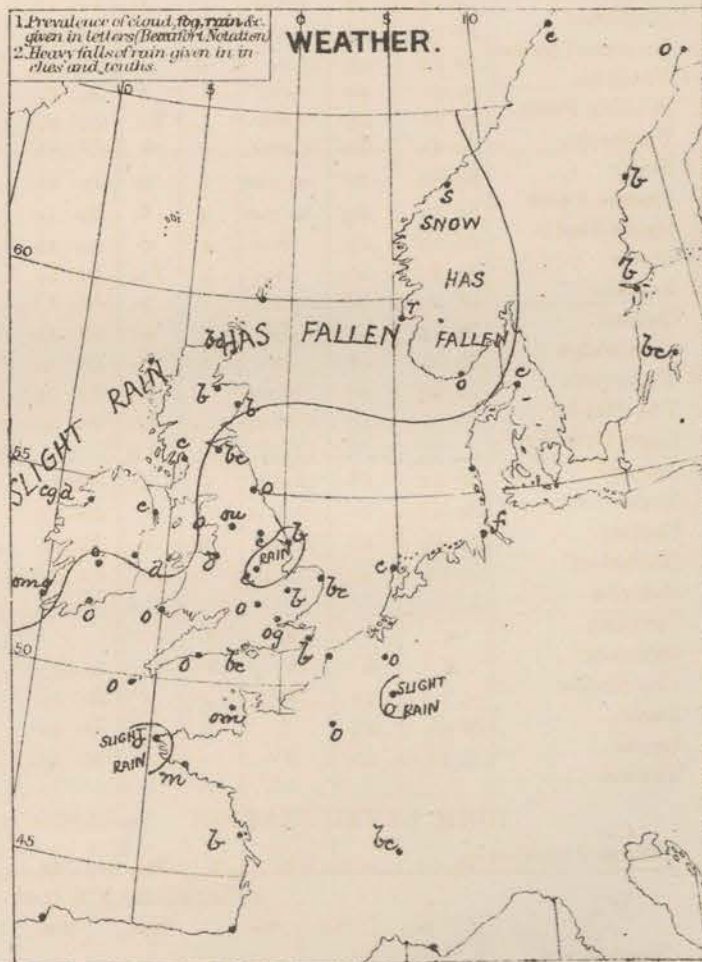
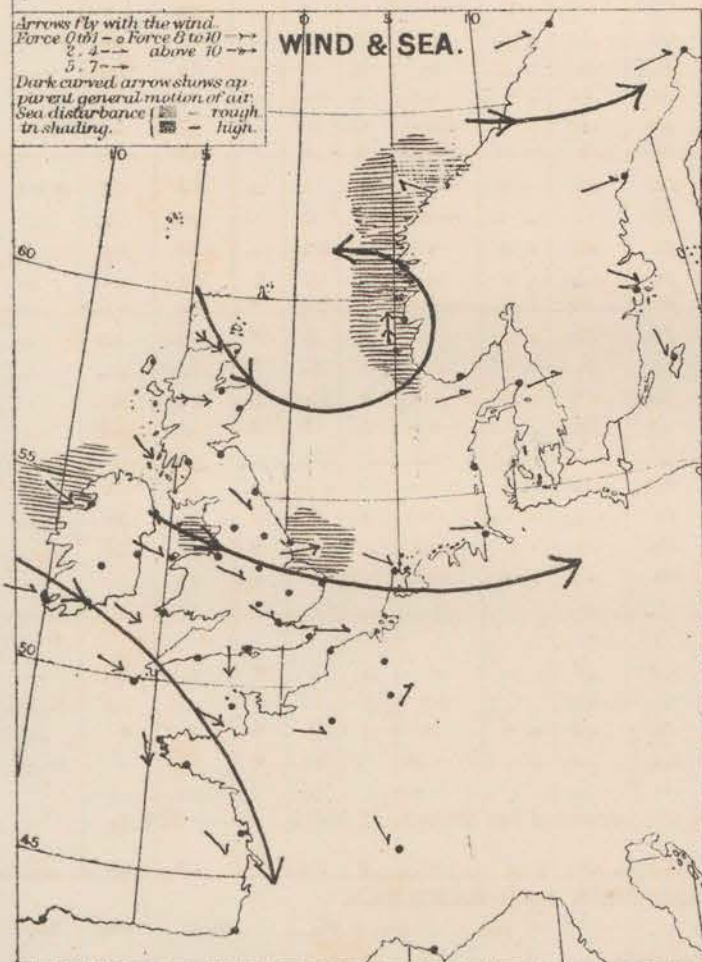
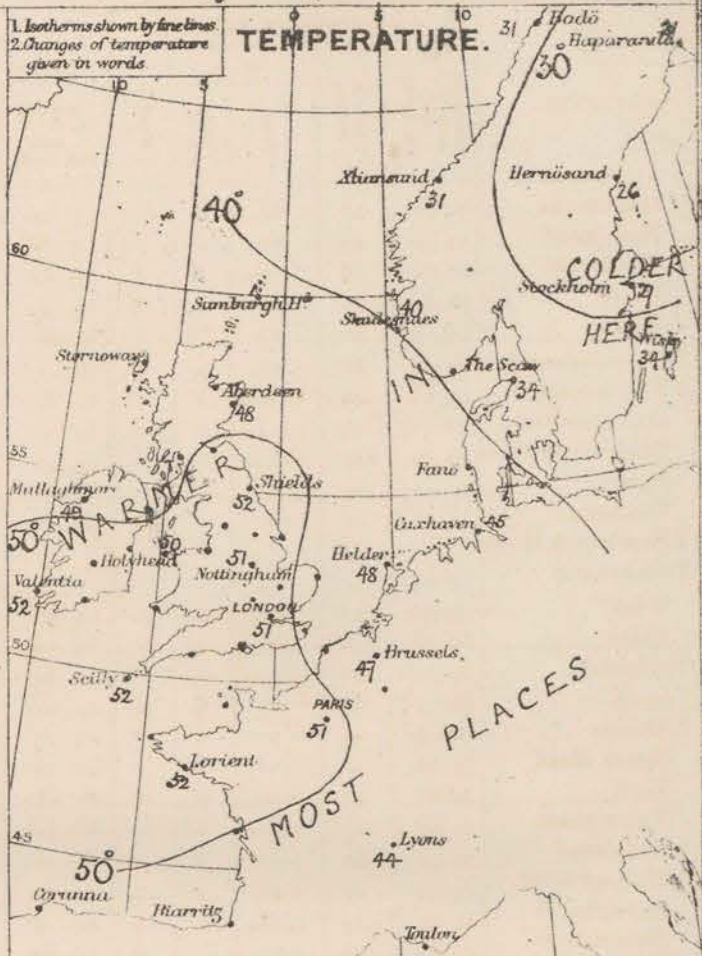
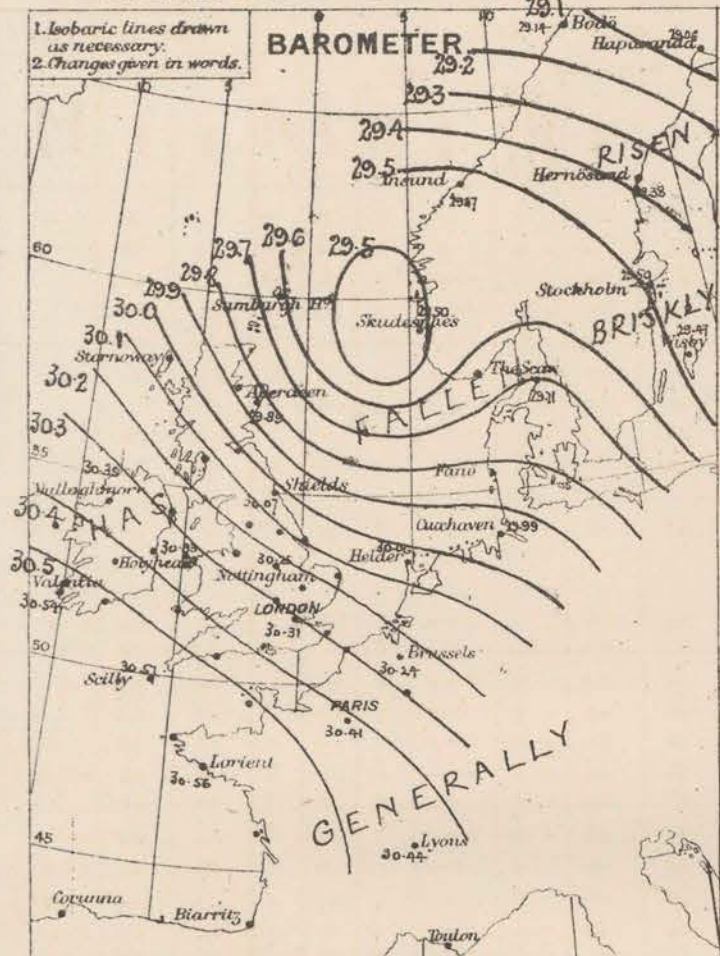
* AN ASTERISK is inserted in all places for which information is not usually received.

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

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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 DEC^r 1880.



REMARKS During the night a rather deep depression has advanced to the N. coast of Norway, and has occasioned a rather brisk decrease of pressure over the whole of N. Europe. From this fact a slight recovery has commenced in the N. of Scotland, and the depression is apparently passing E. over Scandinavia. The area of highest readings is shown off our W. coast, and over the Bay of Biscay. The wind is S. to E. over Norway, but is N. to NNW over all our own and the French coasts. It is fresh or strong at the majority of stations, and reaches a gale in N. Scotland. The weather is fine all over the E. districts of Great Britain, but is cloudy or dull elsewhere, with snow and rain in Norway, fog at the mouth of the Elbe, and drizzling rain over our NW. coasts. Slight rain has fallen in the NW. and N. during the past 24 hours. Temperature has fallen a little in the S. of Ireland and N. of Scotland, risen elsewhere, and readings range from 53° at York to 44° at Wick. The maxima yesterday were between 50° and 55°, and the minima last night generally between 45° and 50°. The sea is rough in the NW. and N.

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

R. H. SCOTT.
Secretary.

DANGERFIELD LITH 22 BEDFORD ST COVENT GARDEN

DAILY WEATHER REPORT

11TH DEC.

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.				
			Dir.	Force (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.				Max.	Min.					
Haparanda	29.00	4	Z	0	0	29.12	+06	20	19	-1	NW	2	0	*	21	?	-		
Hernösand	28.96	22	Z	0	c	29.30	-08	18	17	-8	WNW	2	b	*	32	18	0.04		
Stockholm	28.89	30	WNW	4	0	29.16	-34	21	21	-6	NNW	4	0	*	30	?	-		
Wisby	28.95	38	WNW	6	0	29.10	-37	31	29	-3	N	4	bc	*	39	23	-		
Bodö	28.94	22	E	2	b	29.20	+06	21	19	-10	E	2	b	1	?	19	-		
Christiansund	28.80	36	W	6	h	29.44	-13	35	33	+4	NW	7	s	5	37	21	0.67		
† Skudesnaes	29.32	42	WNW	9	c	29.79	+20	39	35	-1	NW	6	0	5	45	?	-		
Oxö (Xiänsund)																			
Skagen (The Skaw)	29.15	42	WNW	9	b	29.45	-26	43	37	+9	NW	7	b	7	45	?	-		
Fanö	29.59	44	NW	9	bc	29.78	-04	43	39	+1	NW	6	bc	*	46	?	0.04		
Cuxhaven	29.82	46	NW	7	0	29.89	-10	45	43	0	NNW	8	bc	*	46	41	0.05		
† Sumburgh Head																			
† Stornoway	30.08	45	NW	7	b	29.70	-25	47	46	+2	SW	7	0	6	47	40	0.03		
Wick	29.89	43	NW	9	bc	29.73	-04	44	42	0	SSW	2	0	4	44	39	0.04		
Nairn	30.02	45	W	6	a	29.84	-10	45	43	-2	W	3	b	1	50	38	-		
† Aberdeen	29.92	45	NW	8	b	29.90	+01	41	39	-7	SSW	2	b	2	49	41	-		
Leith	30.15	47	NW	6	b	30.06	+05	46	44	-5	W	5	0	*	51	43	-		
† Shields	30.13	47	WNW	6	b	30.10	+03	46	43	-6	W	2	0	2	52	46	-		
Spurn Head	30.16	46	WNW	5	b	30.19	+13	44	43	-6	WNW	5	bc	4	51	41	-		
York	30.21	45	NNW	3	b	30.19	+06	45	43	-8	W	3	c	*	55	41	-		
Nottingham	30.28	47	WNW	1	bc	30.26	+01	38	36	-13	SSE	1	bc	*	53	36	-		
† Ardrossan	30.25	49	NW	5	c	30.04	-12	47	46	-2	WSW	3	0	3	50	46	-		
† Mullaghmore	30.43	49	WNW	5	mog	30.17	-18	50	50	+1	WSW	6	dq	5	50	46	0.01		
Donaghadee	30.36	47	WNW	6	bc	30.15	-11	45	45	-4	W	6	c	4	50	41	-		
Parsonstown	30.50	44	WNW	1	c	30.21	-13	48	47	-3	SW	3	0	*	51	36	-		
Barrow-in-Furness	30.29	47	W	5	b	30.24	+05	46	42	-4	WSW	5	0	4	51	44	-		
† Holyhead	30.38	49	WNW	6	c	30.26	-07	46	44	-4	WSW	3	c	2	53	44	0.01		
Liverpool (Bidston)	30.34	48	W	6	c	30.26	+02	44	41	-7	SW	2	0	2	51	43	-		
† Valentia	30.54	49	NW	2	0	30.39	-15	49	46	-3	W	3	0	4	53	46	0.15		
Roshe's Point	30.51	48	NW	4	bc	30.37	-14	49	47	-3	W	3	0	4	53	44	-		
Pembroke	30.44	46	WNW	3	b	30.34	-08	47	45	-5	WNW	3	c	2	52	46	-		
† Scilly	30.53	50	WNW	6	0	30.43	-14	50	50	-2	WNW	5	0	4	53	49	0.08		
Prawle Point	30.46	49	WNW	2	c	30.30	-17	46	44	-5	NW	2	0	3	52	40	-		
Hurst Castle	30.39	49	NW	4	b	30.39	+03	41	40	-11	NW	2	bc	4	53	36	-		
† Dover	30.31	51	W	4	b	30.33	+06	43	40	-8	W	3	b	3	56	41	-		
† London	30.32	50	WNW	2	c	30.35	+04	34	34	-14	WSW	2	bf	*	57	34	-		
Oxford	30.37	45	W	2	0	30.34	+03	35	35	-17	SW	1	b	*	55	35	-		
Cambridge	30.28	46	W	1	bc	30.31	+07	34	34	-16	SW	1	b	*	55	34	-		
† Yarmouth	30.20	47	NW	4	b	30.24	+09	38	37	-11	W	2	bc	3	54	36	-		
The Helder	30.08	47	WNW	5	b	30.16	+10	46	44	2	NW	4	b	3	50	46	-		
Cape Gris Nez	30.32	50	WNW	4	bc	30.36	+04	43	42	7	W	3	b	2	54	43	-		
† Jersey	30.50	52	WNW	4	om	30.46	-05	49	46	-4	NW	3	cg	3	54	47	-		
Brest	30.55	53	NNW	5	0	30.49	-10	50	49	-1	N	3	0	3	54	50	-		
Lorient	30.53	51	NW	4	0	30.45	-11	50	49	-2	NNW	4	0	3	52	46	-		
† Rochefort	30.52	51	WNW	4	0	30.46	-10	50	49	-2	NNW	1	0	2	54	45	-		
Biarritz	30.59	54	N	4	h	30.49	-16	47	46	-14	E	4	f	3	55	43	0.12		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.31	+07	40	40	-7	W	3	b	*	52	39	-		
Charleville	?	49	W	4	0	30.33	+05	42	39	?	W	4	0	*	50	39	-		
Paris	30.38	53	?	3	0	30.42	+01	43	45	-3	N	1	0	*	*	*	-		
Lyons	30.43	43	E	1	f	30.39	-05	46	45	+2	NW	3	c	*	?	?	0.20		
Toulon	?	51	NW	9	b	30.12	+14	51	47	0	NNW	5	b	6	54	48	-		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.99	41	W	3	0	28.90	+01	40	39	-7	W	6	0	*	48	36	-		
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.39	44	39	WNW	9	rohq	6	Valentia ...	30.56	51	51	WNW	3	omd	3
Sumburgh Head								Scilly ...	30.55	51	53	WNW	6	c	5
Stornoway ...	29.99	45	43	NW	8	e	7	Dover ...	30.25	55	52	N	4	b	2
Aberdeen ...	29.90	48	42	WNW	6	bg	2	London	30.37	56	52	NW	3	og	
Shields ...	30.08	49	45	WNW	7	bcq	2	Yarmouth ...	30.13	54	51	WNW	4	bc	2
Ardrossan ...	30.21	49	47	NW	6	bcq	4	Jersey ...	30.52	53	52	WNW	5	ogm	4
Mullaghmore	30.43	50	47	WNW	5	og	5	Rochefort ...	30.52	51	50	WNW	4	0	2
Holyhead ...	30.57	50	47	WNW	5	bc	4								

The mercury is rising in the NW, falling in the SE, and the depression is passing away E^W over Scandinavia. The wind is fresh or strong from NW, and the weather is fair except in Ireland and on our SW coasts.

EXPLANATION OF COLUMNS.

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

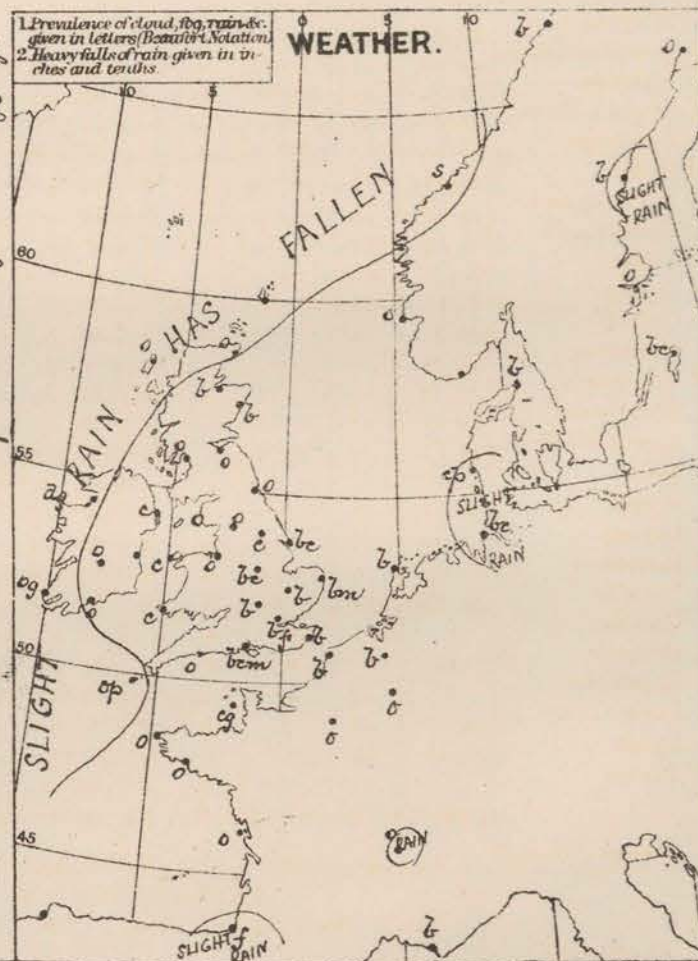
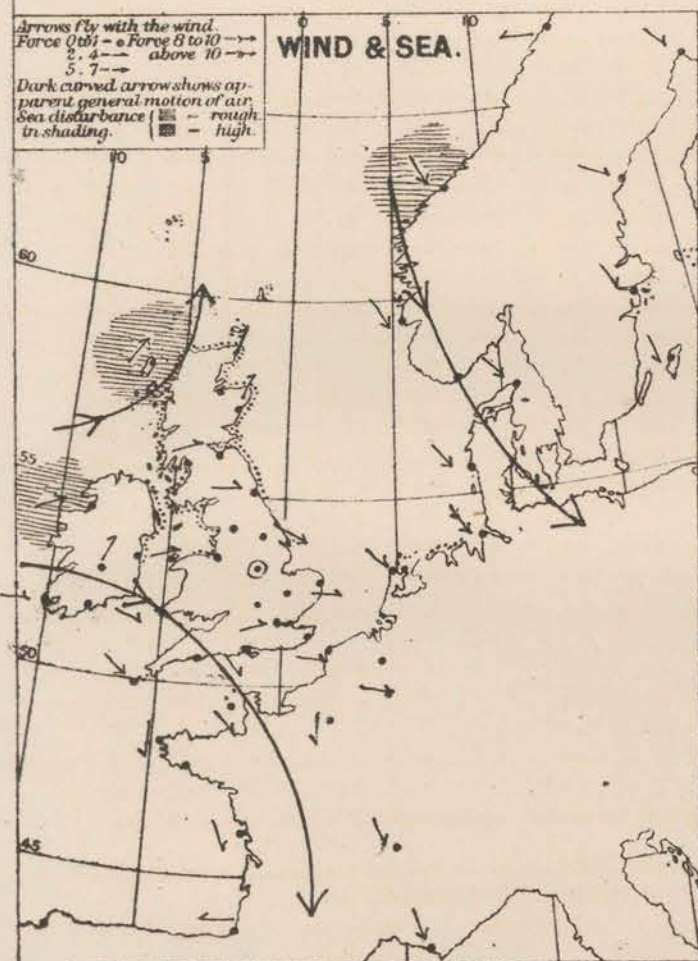
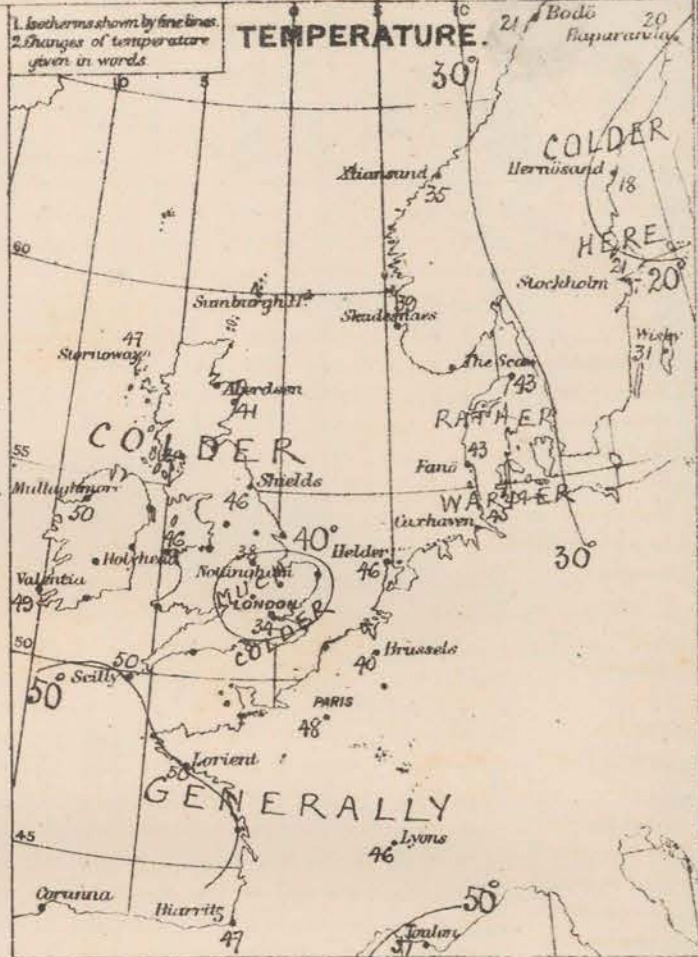
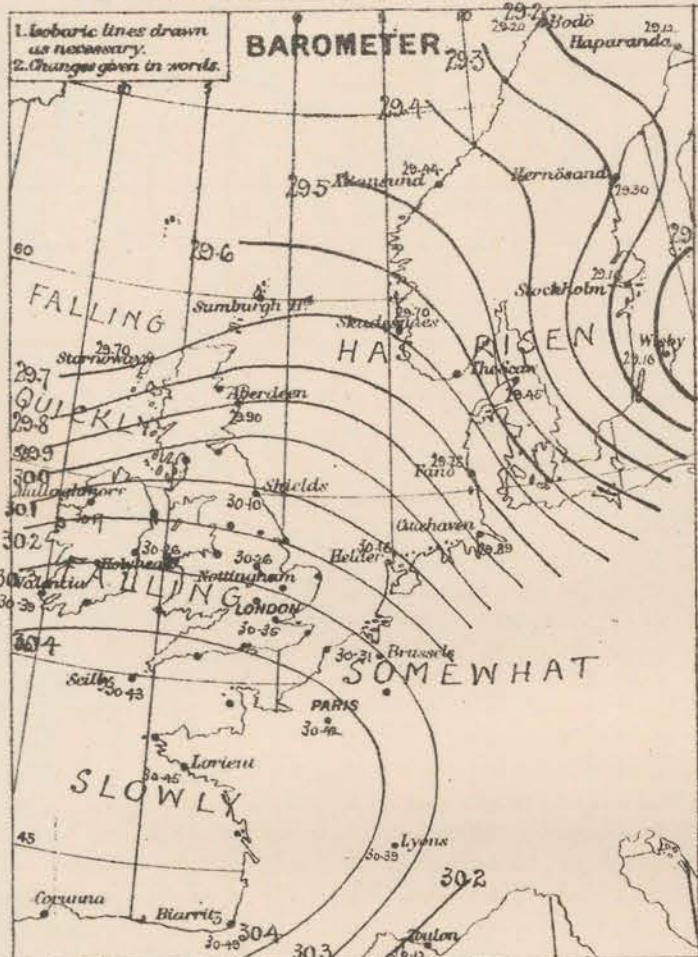
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† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS for 8 a.m. on Saturday 11th DEC: 1880.



REMARKS. A fresh depression is now appearing on our NW. coast, the disturbance noticed yesterday having moved away E^o over the Baltic. The stormy is rising over Scandinavia and Denmark, but is falling in all other places, the change at Stornoway during the night being considerable. The area of highest readings is still reported from our SW. coast and the Bay of Biscay, and rather steep gradients are reported over the N^o parts of the Kingdom. The wind is NW over the E^o shores of the North Sea and continues N over the W. of France, while N winds are reported over nearly all our coasts. In the N. of Scotland, however, the wind has backed to SW. On our NW. coast it blows strongly, but elsewhere it is light to fresh. The weather is fine and bright over the SE. of England and the E. of Scotland, but in nearly all other places the sky is cloudy or overcast, with snow at St. Petersburg and drizzling rain at Mullaghmore. Scarcely any rain has fallen. Temperature has fallen except over Denmark, the change in the SE. of England being as much as 17°. Readings now range from 50° at Scilly and 47° at Stornoway to 34° in London and at Cambridge. The sun is moderate or smooth except in the N. Warnings. The S. zone has been shifted this evening in the N. NW. and NE.

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R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

12TH DEC^R

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRIC.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.24	3	Z	0	0	29.24	+ 17	4	4	— 16	Z	0	0	*	?	0	—		
Hernösand	29.31	6	Z	0	0	29.10	— 20	19	18	+ 1	NNW	2	8	*	23	3	0.04		
Stockholm	29.41	16	NNW	2	0	28.97	— 19	31	30	+ 10	S	6	5	*	?	16	0.08		
Wisby	29.39	30	NNW	4	0	29.01	— 09	37	35	+ 6	NW	4	0	*	?	25	0.12		
Bodo	29.10	23	E	2	0	29.00	— 20	24	23	+ 3	E	6	0	*	?	19	—		
Christiansund	28.96	32	ESE	5	5	28.77	— 67	36	35	+ 1	WSW	4	3	5	36	19	0.35		
† Skudesnaes	29.28	43	W	8	0	29.05	— 65	30	37	+ 1	W	8	0	5	43	37	—		
Oxö (Christiansund)	29.28	43	SW	4	0	?	?	36	35		WSW	4	0	3	43	34	0.16		
Skagen (The Skaw)	29.32	44	WSW	6	0	29.10	— 35	41	37	— 2	W	8	0	8	43	36	0.08		
Fanö	29.49	44	W	6	0	29.42	— 36	40	39	— 3	NNW	6	0	*	46	39	0.04		
Cuxhaven	29.70	45	WSW	7	0	29.64	— 25	44	43	— 1	NW	6	0	*	45	41	0.02		
† Sumburgh Head																			
† Stornoway	29.62	40	NNW	7	0	29.70	— 00	40	37	— 7	NW	8	0	7	49	33	0.15		
Wick	29.50	41	NNW	6	0	29.52	— 21	40	37	— 4	NW	10	0	7	50	35	0.15		
Nairn																			
† Aberdeen	29.63	43	W	4	0	29.61	— 29	41	35	0	NNW	6	0	3	55	36	0.10		
Leith	29.78	46	W	4	0	29.78	— 28	41	38	— 5	N	5	0	*	53	37	0.07		
† Shields	29.78	47	W	8	0	29.82	— 28	43	41	— 3	W	7	0	3	49	41	—		
Spurn Head	29.92	48	WSW	6	0	29.87	— 30	44	42	0	WSW	5	0	4	49	40	—		
York	29.94	50	W	5	0	29.94	— 25	44	40	— 1	W	6	0	*	52	43	—		
Nottingham	30.03	47	SSW	3	0	30.04	— 22	44	41	+ 6	WSW	3	0	*	50	36	—		
† Ardrossan	29.88	48	NW	5	0	29.90	— 14	45	44	— 2	NW	6	0	4	52	41	0.24		
† Mullaghmore	30.07	49	NNW	7	0	30.12	— 05	48	44	— 2	NNW	7	0	6	50	44	0.07		
Donaghadee	29.99	50	NNW	4	0	30.02	— 13	44	41	— 1	NNW	5	0	3	51	43	0.03		
Parsonstown	30.18	49	SW	3	0	30.23	— 08	45	42	— 3	WSW	1	0	*	50	43	—		
Barrow-in-Furness	30.02	49	WSW	5	0	29.99	— 25	48	47	+ 2	W	6	0	4	50	44	0.10		
† Holyhead	30.11	50	WSW	5	0	30.13	— 13	46	44	0	NNW	5	0	4	50	45	—		
Liverpool (Bidston)	30.04	49	WSW	7	0	30.02	— 24	46	42	+ 2	W	8	0	5	49	44	—		
† Valentia	30.29	48	NW	3	0	30.33	— 06	49	47	0	NNW	2	0	3	53	47	0.05		
Roche's Point	30.31	49	W	4	0	30.28	— 09	47	43	— 2	W	4	0	4	51	45	—		
Pembroke	30.09	50	W	6	0	30.20	— 14	49	45	+ 2	NNW	5	0	3	50	47	0.02		
† Scilly	30.32	49	NNW	6	0	30.32	— 11	52	52	+ 2	NNW	5	0	5	52	48	0.03		
Prawle Point	30.29	47	NNW	4	0	30.26	— 04	48	47	+ 2	NNW	3	0	3	52	44	0.03		
Hurst Castle	30.24	48	NNW	4	0	30.18	— 21	47	46	+ 6	NNW	4	0	4	49	41	—		
† Dover	30.17	43	W	4	0	30.11	— 22	46	45	+ 3	W	4	0	3	46	41	—		
† London	30.16	40	W	2	0	30.13	— 22	44	41	+ 10	SW	2	0	*	47	34	—		
Oxford	30.14	46	W	3	0	30.12	— 22	44	41	+ 9	WSW	2	0	*	47	34	—		
Cambridge	30.10	43	NNW	2	0	30.07	— 24	42	40	+ 8	W	1	0	*	47	34	—		
† Yarmouth	30.04	42	WSW	3	0	29.98	— 26	42	40	+ 4	W	3	0	3	45	36	—		
The Helder	29.93	46	WSW	4	0	29.82	— 34	46	43	0	W	5	0	3	46	45	—		
Cape Gris Nez	30.19	46	W	7	0	30.11	— 25	49	47	+ 6	W	7	0	5	?	43	—		
† Jersey	30.35	49	W	3	0	30.30	— 16	50	49	+ 1	W	4	0	4	50	46	0.06		
Brest	30.39	50	NW	5	0	30.36	— 13	51	48	+ 1	W	4	0	3	52	46	—		
Lorient	30.36	50	NW	4	0	30.33	— 12	48	47	— 2	NW	4	0	3	50	46	—		
† Rochefort	30.40	50	NNW	3	0	30.36	— 10	49	48	— 1	NNW	4	0	2	55	43	—		
Biarritz	30.43	51	ESE	4	0	30.41	— 08	49	45	+ 2	E	3	0	3	54	45	—		
Corunna	*	*	*	*	*	30.45	*	43	*	*	SE	1	0	4	*	*	*		
Brussels	*	*	*	*	*	30.04	— 27	47	45	+ 7	W	4	0	*	?	?	—		
Charleville	30.24	44	WSW	4	0	30.11	— 22	44	42	+ 2	WSW	4	0	*	46	41	0.04		
Paris	30.30	49	Z	0	0	30.24	— 18	48	45	0	SW	1	0	*	*	*	—		
Lyons	30.36	46	NW	1	0	30.32	— 07	44	41	— 2	NNW	1	0	*	50	43	—		
Toulon	30.06	62	Z	0	0	30.08	— 04	47	42	— 4	NW	7	0	5	63	46	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.71	45	WSW	7	0	28.69	— 21	30	38	— 1	W	6	0	*	45	38	0.48		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.71	45	WSW	7	0	28.69	— 21	39	38	— 1	W	6	0	0.48	—	—
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.53	38	37	SSE	7	+	Valentia	30.33	51	49	NNW	3	0
Sumburgh Head							Scilly	30.39	52	50	W	5	0
Stornoway	29.66	44	43	NNW	7	09	Dover	30.27	46	43	NNW	3	0
Aberdeen	29.61	49	46	SSW	3	0	London	30.25	44	42	W	2	0
Shields	29.95	45	47	WSW	6	0	Yarmouth	30.17	43	41	W	3	0
Ardrossan	29.95	57	58	WSW	2	+	Jersey	30.11	50	46	NNW	3	09
Mullaghmore	30.10	50	50	WSW	6	rmg	Rochefort	30.44	54	52	Z	0	—
Holyhead	30.07	50	48	WSW	4	0							

Weather is unsettled and dull in the N. and N. with rain in the NW, but is moderately fine in the east. The wind has veered to NW in N. Scotland and blows strongly, and the barometer is falling on all coasts.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (base); 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

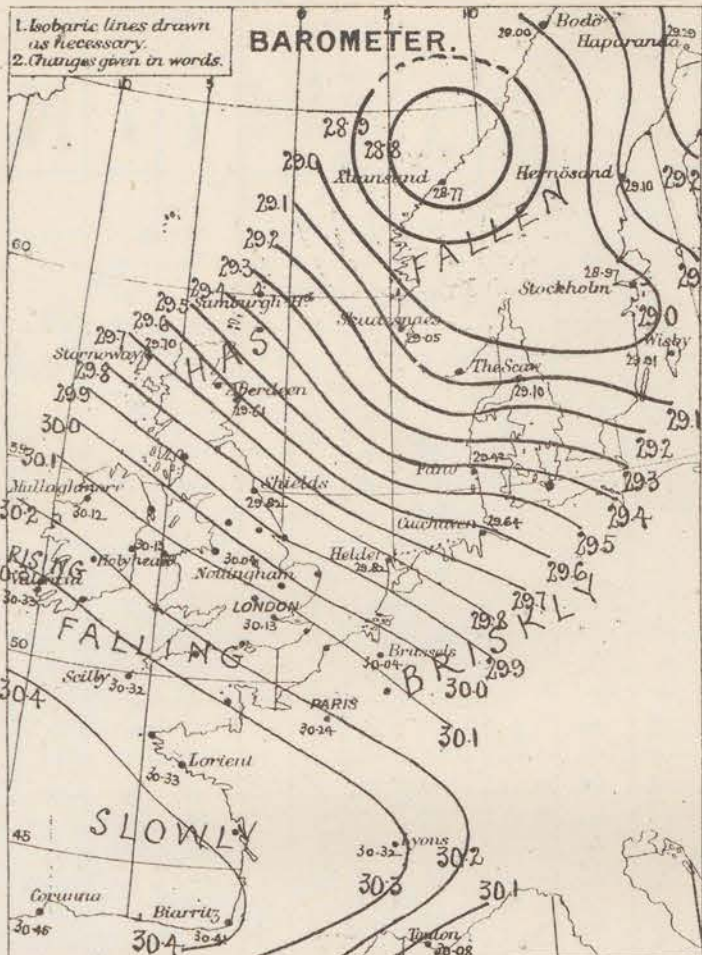
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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 12th DEC. 1880.

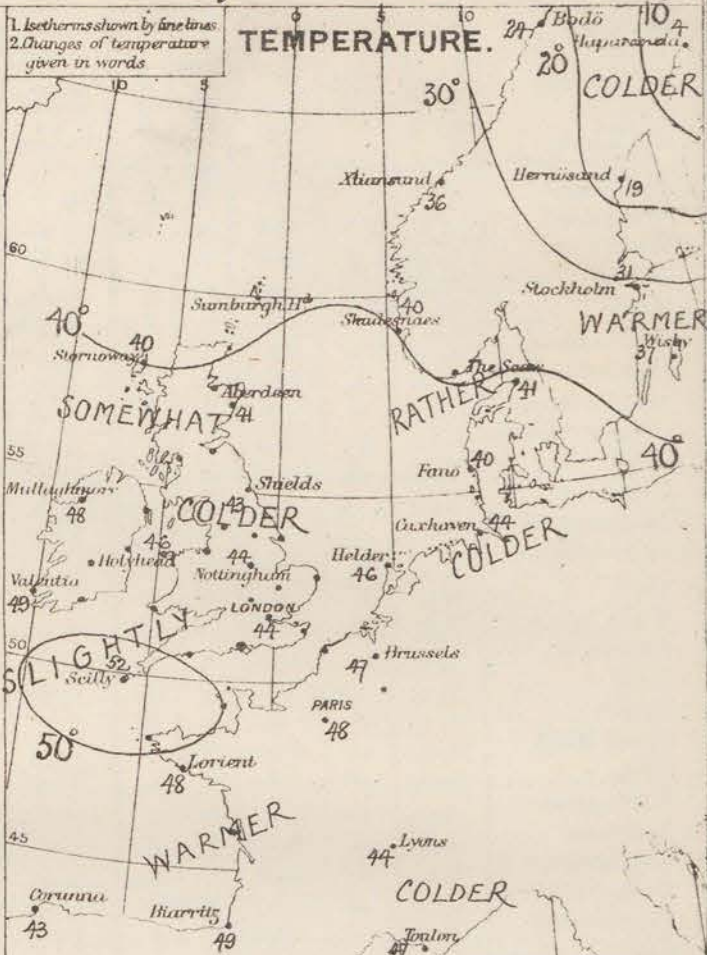
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



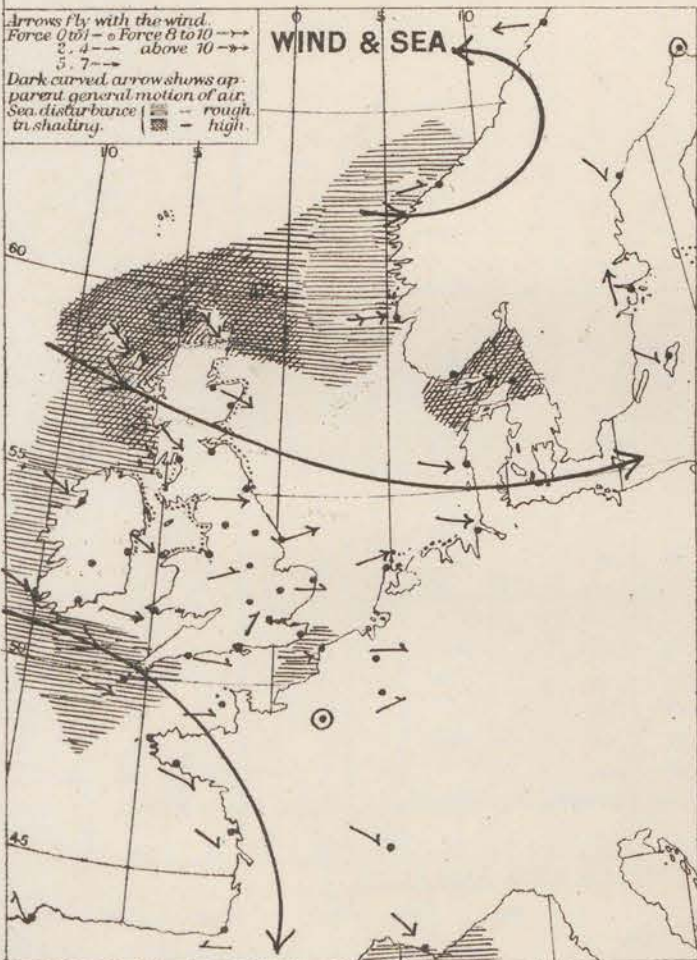
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



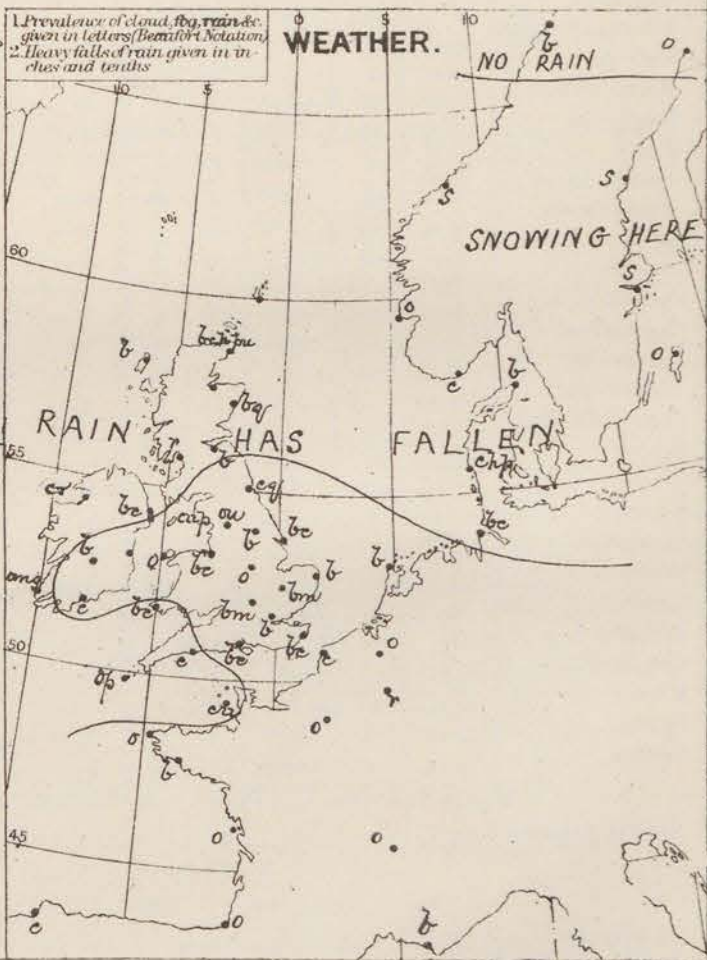
Arrows fly with the wind.
Force 0-1 - Force 8 to 10 -
2 - 4 - above 10 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance (rough in shading) - high.

WIND & SEA



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

WEATHER.



REMARKS. Pressure is decreasing quickly over Scandinavia, and a well marked depression lies near Christiansund, while a recovery is now in progress all along our Wth and Nth coasts. The area of highest readings is still found over the Bay of Biscay and off our SW. coasts. NWth to Wth winds prevail over these islands and the North Sea, reaching the force of a gale in Scotland and the S. of Norway, and blowing freshly in most places except in the SE. of England. Temperature changes are slight and somewhat irregular, but it has fallen at most of the Nth stations, and risen at the Sth readings ranging over our islands from 32° at Scilly to 40° in the Hebrides and 42° at Yarmouth. Snow is falling at some of the Scandinavian stations, and slight rain has been measured in the N. and W. The sea is rough in the W. and very rough in the N. Warnings. The South coast is still up on our NW. N. and NE. coasts.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

13TH DEC^R

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.33	5	N	2	0		29.36	+ .07	8	8	+ 4	Z	0	0	*	9	1	—	
Hernösand	29.32	25	NE	4	0		29.47	+ .37	22	21	+ 3	N	2	0	*	28	1	0.04	
Stockholm	29.06	30	ENE	2	0		29.34	+ .37	23	23	— 8	NNW	2	0	*	34	12	0.04	
Wisby	29.00	35	NNW	4	0		29.21	+ .20	32	30	— 5	N	4	0	*	39	21	—	
Bodö	29.25	20	E	2	0		29.29	+ .29	23	21	— 1	E	2	0	*	?	18	—	
Christiansund	29.26	30	ESE	1	0		29.31	+ .34	34	31	— 2	SSW	2	0	5	?	23	0.08	
† Skudesnaes	29.34	39	NNW	8	0		29.45	+ .40	35	34	— 5	NN	2	0	4	41	?	—	
Oxö (Xiänsund)	29.17	38	W	6	0		29.43	+ .27	33	30	— 3	W	2	0	2	?	30	—	
Skagen (The Skaw)	29.15	39	NN	6	0		29.42	+ .32	33	31	— 8	NNE	4	0	4	41	32	0.04	
Fanö	29.38	43	NNW	8	0		29.52	+ .12	37	36	— 3	NNW	4	0	*	43	37	0.12	
Cuxhaven	29.57	44	NN	8	0		29.63	— .05	41	40	— 3	SSW	2	0	*	?	39	0.08	
† Sumburgh Head							29.70												
† Stornoway	29.74	37	SSW	2	+		29.70	— .00	38	37	— 2	NN	6	0	6	42	35	0.22	
Wick	29.74	37	NN	5	S		29.60	+ .08	34	33	— 6	NNW	6	0	6	40	33	0.25	
Nairn	29.78	39	NN	2	+		29.70		36	34		W	1	0	1	42	36	0.08	
† Aberdeen	29.78	40	NNN	3	0		29.68	+ .07	37	36	— 4	NNN	3	0	2	42	33	0.03	
Leith	29.79	41	W	2	+		29.76	— .02	44	43	+ 1	W	1	0	*	48	39	0.09	
† Shields	29.90	43	W	2	0		29.77	— .05	43	42	— 0	NN	4	0	3	47	41	0.17	
Spurn Head	29.90	45	NNN	6	0		29.79	— .10	44	44	— 0	W	4	0	2	54	?	0.32	
York	29.99	45	W	3	0		29.85	— .09	45	43	+ 1	W	2	0	*	50	43	0.19	
Nottingham	30.09	44	WSW	3	0		29.93	— .11	49	47	+ 5	W	1	0	*	50	43	0.01	
† Ardrossan	29.86	46	NNN	3	+		29.81	— .09	46	45	+ 1	NN	4	0	3	50	41	0.54	
† Mullaghmore	30.04	50	WSW	7	omg		29.98	— .14	49	49	+ 1	NN	6	0	6	51	45	0.44	
Donaghadee	29.96	46	WSW	5	+		29.89	— .13	47	45	+ 3	NNN	4	0	2	51	43	0.17	
Parsonstown	30.19	49	WSW	6	0		30.09	— .10	50	48	+ 5	W	5	0	*	51	44	0.02	
Barrow-in-Furness	30.02	47	WSW	6	0		29.88	— .11	45	45	— 3	NNN	6	0	5	49	45	0.27	
† Holyhead	30.12	48	W	5	0		29.97	— .16	51	50	+ 5	W	5	0	5	51	45	0.02	
Liverpool (Bidston)	30.03	46	W	7	0		29.92	— .10	48	47	+ 2	W	6	0	4	50	44	0.11	
† Valentia	30.31	51	W	3	omg		30.23	— .10	52	50	+ 3	W	3	0	4	52	48	—	
Roche's Point	30.26	48	NNN	4	0		30.17	— .11	49	47	+ 2	W	3	0	4	52	46	0.02	
Pembroke	30.21	49	NNN	5	0		30.16	— .14	50	49	+ 1	W	7	0	5	50	48	—	
† Scilly	30.34	51	NNN	5	0		30.27	— .05	51	51	— 1	NNN	6	0	5	53	49	0.02	
Prawle Point	30.30	46	NNN	4	0		30.19	— .07	49	49	+ 1	W	5	0	4	53	45	0.01	
Hurst Castle	30.24	47	NW	4	0		30.09	— .09	48	47	+ 1	NNN	5	0	4	50	46	—	
† Dover	30.16	44	NNN	4	0		29.97	— .14	47	45	+ 1	W	5	0	3	48	42	—	
† London	30.14	45	NNN	3	0		29.99	— .14	49	46	+ 5	NNW	5	0	*	51	42	—	
Oxford	30.16	44	NNN	2	0		29.99	— .13	49	46	+ 5	W	4	0	*	49	44	—	
Cambridge	30.11	43	NNN	1	0		29.91	— .16	49	46	+ 7	SW	3	0	*	50	40	—	
† Yarmouth	30.00	44	W	5	0		29.84	— .14	44	43	+ 2	NN	4	0	4	47	40	0.07	
† The Helder	29.86	46	NNN	6	0		29.72	— .10	44	43	— 2	NN	1	0	3	48	?	0.20	
Cape Gris Nez	30.18	47	W	5	0		29.97	— .14	49	47	— 0	WSW	7	0	4	50	43	—	
† Jersey	30.35	53	NNN	3	0		30.27	— .08	50	49	— 0	W	5	0	4	53	48	0.01	
Brest	30.39	51	N	4	0		30.35	— .01	51	51	— 0	NN	4	0	3	54	46	—	
Lorient	30.32	51	NNN	4	0		30.32	— .01	49	47	+ 1	NN	5	0	3	54	46	—	
† Rochefort	30.40	50	NN	4	0		30.38	+ .02	49	48	— 0	NW	3	0	2	54	45	—	
Biarritz	30.43	51	W	4	0		30.41	— .02	46	44	— 3	E	4	0	4	54	43	—	
Corunna	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*		29.92	— .12	47	45	— 0	WSW	5	0	*	48	41	0.04	
Charleville	30.17	40	SW	4	0		30.04	— .07	45	41	+ 1	SW	5	0	*	57	36	—	
Paris	30.26	50	?	1	0		30.19	— .05	48	47	— 0	Z	0	0	*	*	*	—	
Lyons	30.33	44	NNN	1	0		30.33	+ .01	41	41	— 3	SSW	1	0	*	48	41	—	
Toulon	30.06	48	NN	5	0		30.07	— .01	48	40	+ 1	N	4	0	5	50	43	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.71	39	W	5	0		28.58	— .11	41	41	+ 2	W	4	0	*	44	37	1.39	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	28.71	39	W	5	0		28.58	— .11	41	41	+ 2	W	4	0	*	44	37	1.39	
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.07	40	38	NH	7	bc	5	Valentia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...								Dover ...							
Aberdeen ...								London ...					*		
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	30.38	51	49	NNH	4	+	2
Holyhead ...															

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); 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.

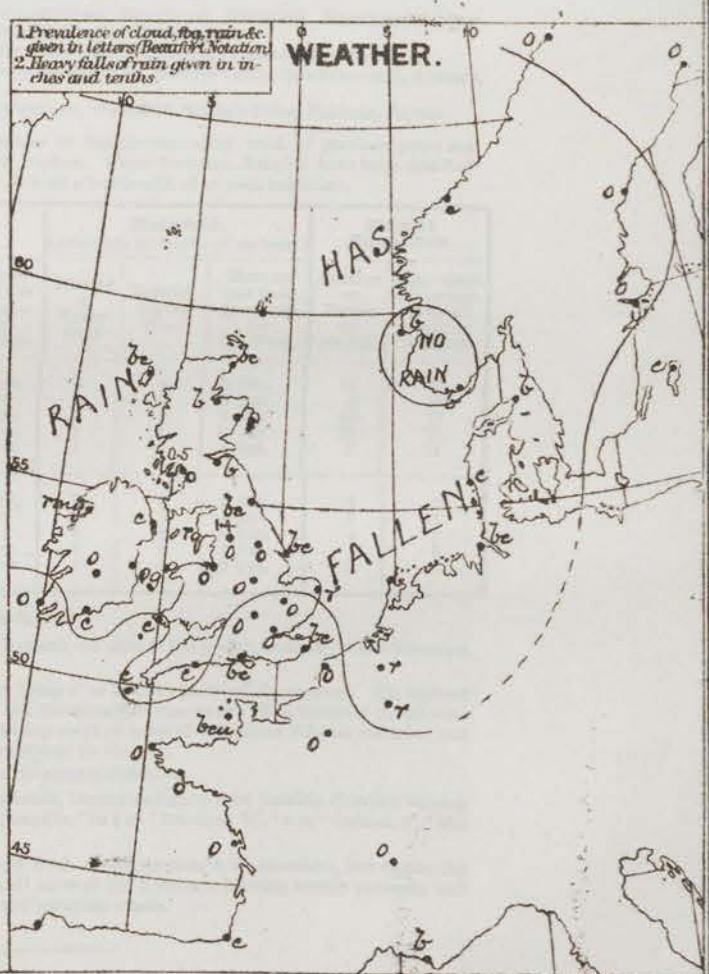
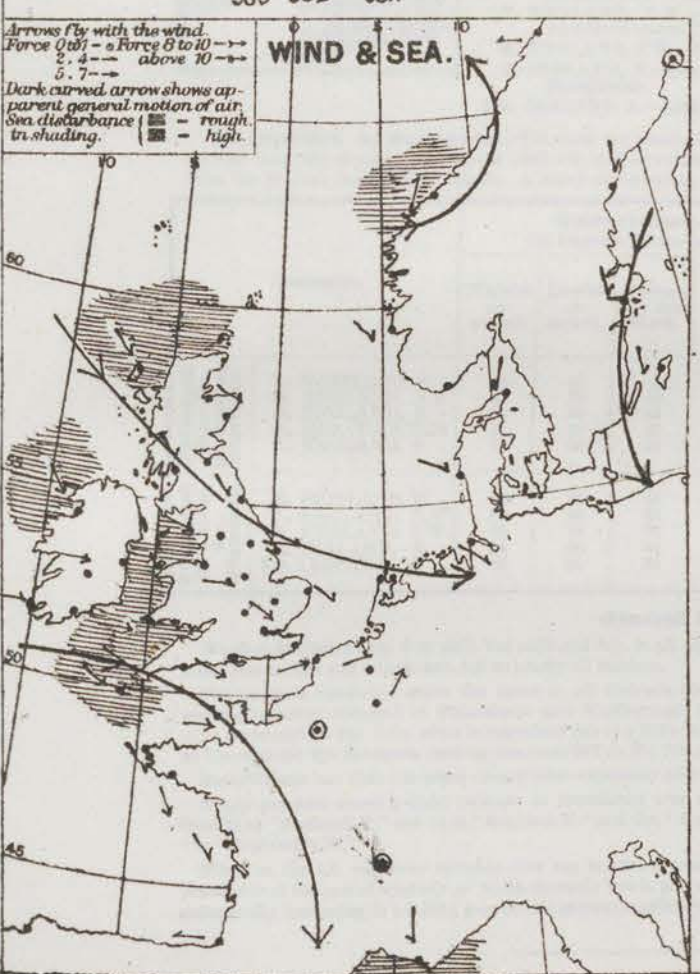
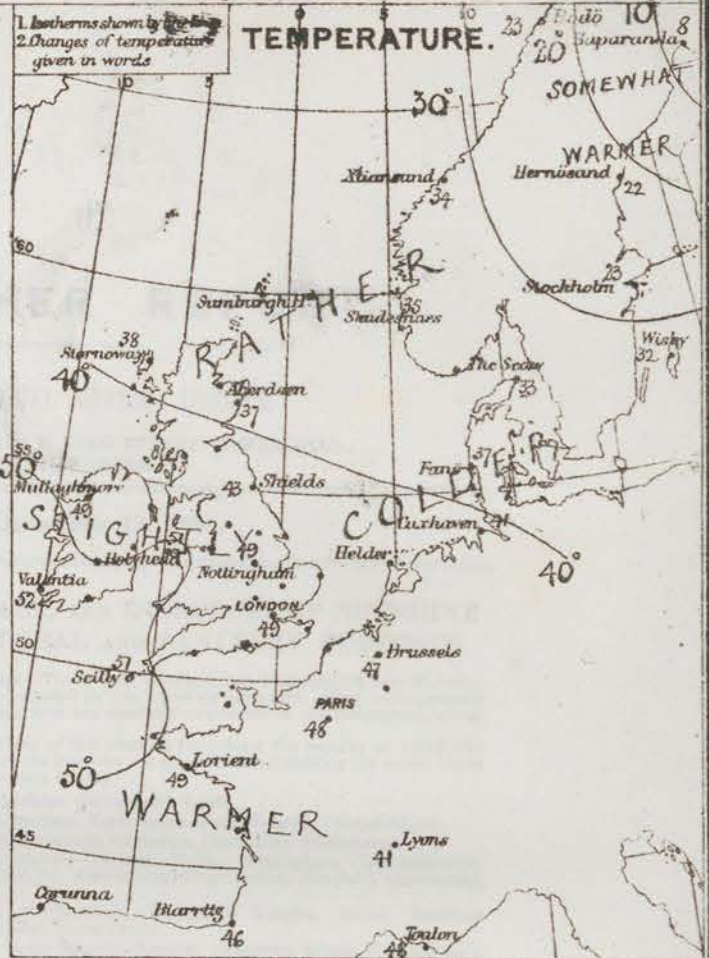
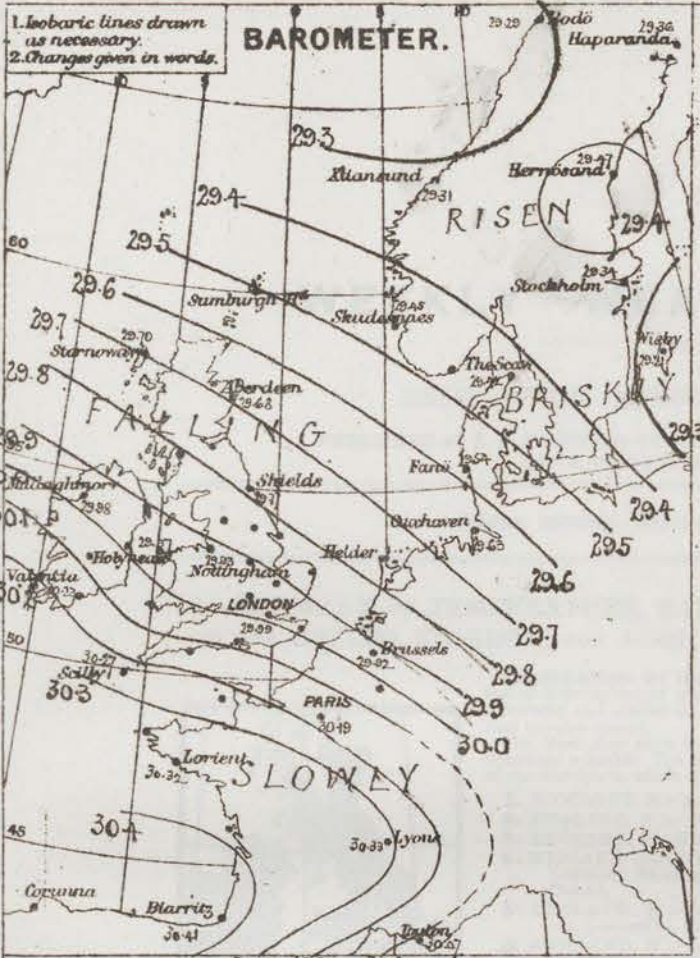
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

+ Received too late for insertion in Chart.

WEATHER CHARTS for 8 a.m. on Monday 13th DEC: 1880.



REMARKS. There is no change of importance this morning. The mercury is rising quickly over Scandinavia, while it is falling over these islands and France, but the general distribution of pressure remains unaltered, the area of highest readings lying off our SW. coasts, with a large region of low readings over Norway and Sweden. The wind is NW to W in nearly all parts of N. Europe, and blows fresh or strongly on most coasts, except the S. of France, and the E. shores of the North Sea. The weather is fine at some of our N. and E. stations, as well as over Denmark, the S. of Norway and N. Germany, but the sky generally is overcast with rain or our NW. coasts at Yarmouth and over the Netherlands. Rain has fallen in the SE. and over the ^{except} ^{France} has decreased in the N., increased in the S., and readings range from 52 in the SW to 34 at Wick. The maxima yesterday were between 46 and 50 in the N and E, and between 50 and 54 elsewhere. The sea is rough at some N. and N. ports.

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

DAILY WEATHER REPORT 14th DEC^r 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.41	10	N	0	0	29.42	+ .06	5	5	- 3	N	2	bc	*	10	5	-		
Hernösand	29.41	18	N	0	0	29.44	- .03	12	12	- 10	N	2	0	*	22	10	-		
Stockholm	29.38	25	NNW	2	0	29.28	+ .06	21	21	- 2	NNE	2	0	*	30	21	-		
Wisby	29.28	30	E	2	0	29.21	.00	27	27	- 5	E	2	bc	*	36	25	-		
Bodo	29.28	?	E	2	0	29.43	+ .14	22	20	- 1	E	2	c	1	?	18	-		
Christiansund	29.18	29	ESE	2	bc	29.29	- .02	32	32	- 2	W	6	0	1	34	21	-		
Skudesnaes	29.26	30	NNW	9	5	29.32	- .13	29	27	- 6	NNW	4	5	4	36	?	-		
Oro (Kristiansund)	29.24	33	WSW	4	5	29.21	- .22	30	28	- 3	NNW	6	c	3	34	27	-		
Skagen (The Skaw)	29.21	34	WSW	3	0	29.15	- .27	30	28	- 3	ENE	4	5	4	36	27	0.08		
Fanø	29.38	39	NNW	4	c	29.21	- .33	32	32	- 5	NW	8	+	*	41	28	-		
Cuxhaven	29.65	41	NW	2	b	29.39	- .24	35	33	- 6	NW	8	bc	*	44	32	-		
Sumburgh Head																			
Stornoway	29.71	33	NW	7	bc	29.81	+ .11	35	35	- 3	NW	5	bc	5	?	25	0.03		
Wick	29.56	31	SW	3	5	29.68	+ .08	27	26	- 7	NNW	8	bc	7	36	21	0.21		
Nairn	29.78	33	NW	4	0	29.74	+ .04	32	32	- 4	NW	5	b	3	39	25	0.05		
Aberdeen	29.63	31	SW	2	b	29.65	- .03	32	31	- 5	NW	6	b	3	39	26	0.07		
Leith	29.77	39	W	1	b	29.81	+ .05	32	29	- 10	N	1	b	*	46	28	-		
Shields	29.80	43	NNW	2	bc	29.84	+ .07	31	30	- 12	NW	3	b	3	50	29	-		
Spurn Head	29.81	46	NNW	5	0	29.79	.00	40	38	- 4	NNW	6	c	4	47	35	-		
York	29.85	45	NE	2	0	29.86	+ .01	35	32	- 10	NNW	1	bc	*	48	35	-		
Nottingham	29.93	48	W	1	0	29.94	+ .01	41	39	- 8	W	1	0	*	51	39	0.17		
Ardrossan	29.84	43	NW	2	c	29.90	+ .09	37	35	- 9	NW	3	b	2	47	34	0.01		
Mullaghmore	29.98	49	NNW	6	rg	29.99	+ .01	40	39	- 9	NNE	4	d	4	49	36	0.30		
Donaghadee	29.89	46	NW	5	c	29.95	+ .06	40	36	- 7	NW	4	c	2	48	39	-		
Parsonstown	30.08	51	W	5	0	30.02	- .07	41	41	- 9	NE	2	+	*	52	41	0.22		
Barrow-in-Furness	29.88	46	NNW	4	+	29.92	+ .04	39	36	- 6	NW	6	0	5	47	36	0.28		
Holyhead	29.97	50	W	6	0	29.97	.00	43	43	- 8	NW	6	m	5	51	41	0.36		
Liverpool (Bishopstow)	29.91	46	W	6	+	29.92	.00	40	39	- 8	NNW	3	+	4	49	39	0.26		
Valentia	30.23	52	WSW	4	0.9	30.05	- .18	52	51	0	SW	5	omg	5	55	51	0.02		
Roche's Point	30.17	50	NNW	4	b	30.02	- .15	52	50	+ 3	W	4	0	4	53	46	0.02		
Pembroke	30.09	52	W	7	c	29.94	- .12	52	51	+ 2	W	7	0	5	52	50	-		
Scilly	30.25	53	NNW	6	c	30.16	- .11	52	51	- 1	WSW	6	0	5	53	51	-		
Prawle Point	30.16	51	W	4	c	30.09	- .10	50	49	+ 1	W	5	c	5	53	47	-		
Hurst Castle	30.10	49	NNW	5	c	30.00	- .09	50	49	+ 2	NNW	5	0	5	50	48	-		
Dover	29.98	50	W	4	bc	29.91	- .06	45	44	- 2	NNW	3	omd	2	51	45	0.14		
London	29.98	50	W	3	om	29.93	- .06	43	42	- 6	NW	1	omr	*	53	43	0.12		
Oxford	29.98	49	W	4	0	29.96	- .03	43	42	- 6	N	0	rg	*	53	42	0.08		
Cambridge	29.93	50	W	1	0	29.89	- .02	42	41	- 7	NNW	1	0	*	52	42	0.15		
Yarmouth	29.87	47	NW	4	+	29.83	- .01	39	35	- 5	NW	4	cg	4	48	32	0.13		
The Helder	29.75	46	NNW	5	0	29.68	+ .04	39	36	- 5	NNW	6	0	4	46	39	0.16		
Cape Gris Nez	29.97	49	W	7	0	29.91	- .06	45	45	- 4	NNW	5	+	4	52	45	0.04		
Jersey	30.23	52	W	6	cm	30.18	- .09	52	49	+ 2	W	6	bc	5	53	50	0.01		
Brest	30.34	55	NW	4	0	30.28	- .07	51	50	0	NNW	5	b	3	52	48	?		
Lorient	30.32	51	S	5	0	30.26	- .06	51	49	+ 2	NNW	5	c	3	52	46	-		
Rochefort	30.36	50	NNW	4	c	30.32	- .06	50	50	+ 1	W	4	bc	2	54	45	-		
Biarritz	30.41	50	SE	3	0	30.36	- .05	49	45	+ 3	S	4	c	3	59	43	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.82	- .10	43	43	- 4	NNW	7	+	*	50	?	0.67		
Charleville	30.04	48	SW	5	bc	30.01	- .03	49	45	+ 4	SW	5	0	*	?	43	0.12		
Paris	30.16	51	?	?	0	30.07	- .12	51	49	+ 3	?	0	0	*	*	*	-		
Lyons	30.20	44	NNE	1	0	30.00	- .33	43	41	+ 2	W	1	0	*	47	41	-		
Toulon	30.04	48	NW	9	b	29.99	- .08	44	42	- 2	NW	9	b	7	55	45	-		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.60	39	WSW	5	W	28.60	+ .04	31	30	- 10	NNW	3	0	*	42	30	0.15
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wca.	Sea.		Bar.	Dry.	Wet.	Wind.		Wca.	Sea.
Skudesnaes ...	29.31	35	35	S	4	ots	5	Valentia ...	30.23	54	52	W	3	0	4
Sumburgh Head								Scilly ...	30.26	52	50	W	6	c	5
Stornoway ...	29.77	33	33	WNTN	4	S	5	Dover ...	29.97	51	48	W	4	bc	3
Aberdeen ...	29.69	38	35	WNTN	3	b	2	London ...	29.98	53	49	W	2	0	*
Shields ...	29.79	45	43	WNTN	4	c	3	Yarmouth ...	29.85	48	46	WNTN	4	bc	3
Ardrossan ...	29.84	45	43	NTN	4	c	2	Jersey ...	30.26	52	50	W	5	cm	4
Mullaghmore	30.00	49	45	WNTN	6	rmg	5	Rochefort ...	30.36	52	51	WNTN	2	c	2
Holyhead ...	29.99	50	50	W	5	0	4								

Pressure is inclined to increase a little, but there is little other change, NW to W winds and cloudy weather still prevailing.

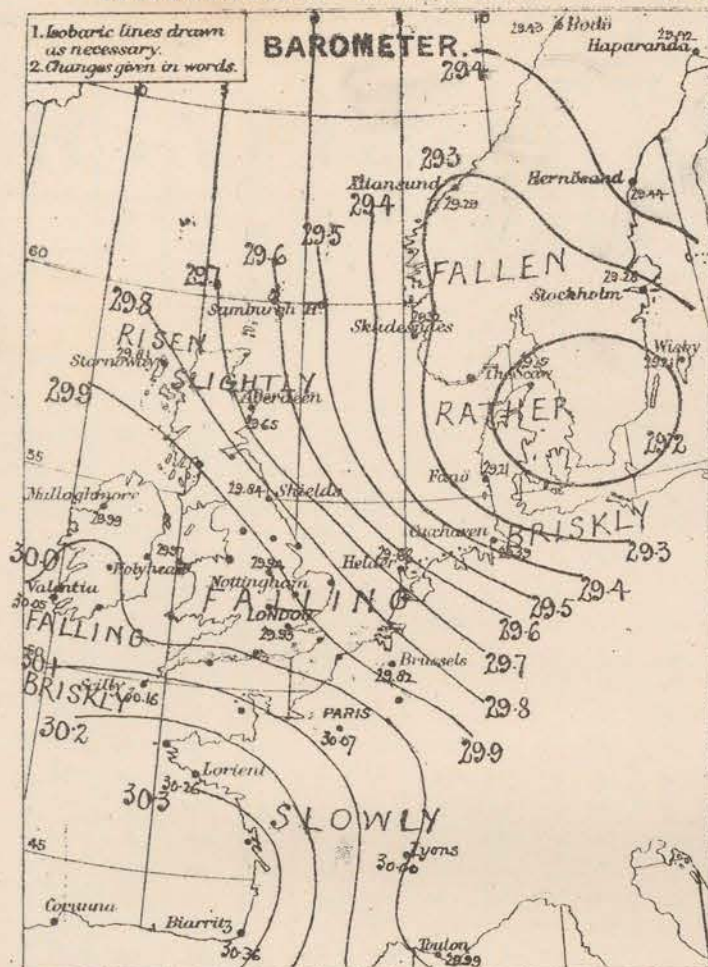
EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 8 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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 DEC: 1880.

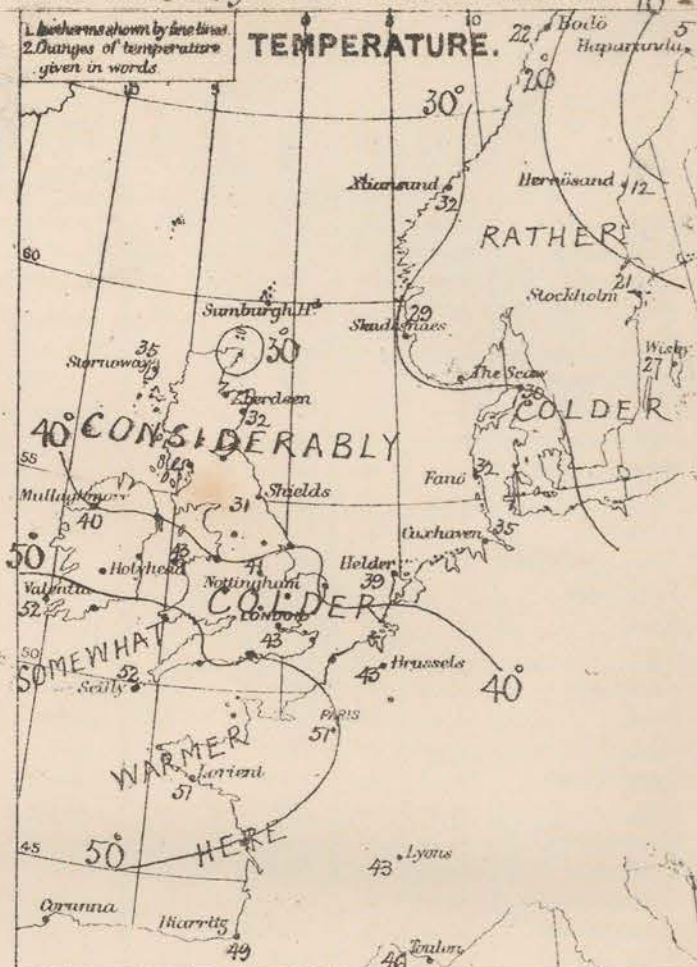
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



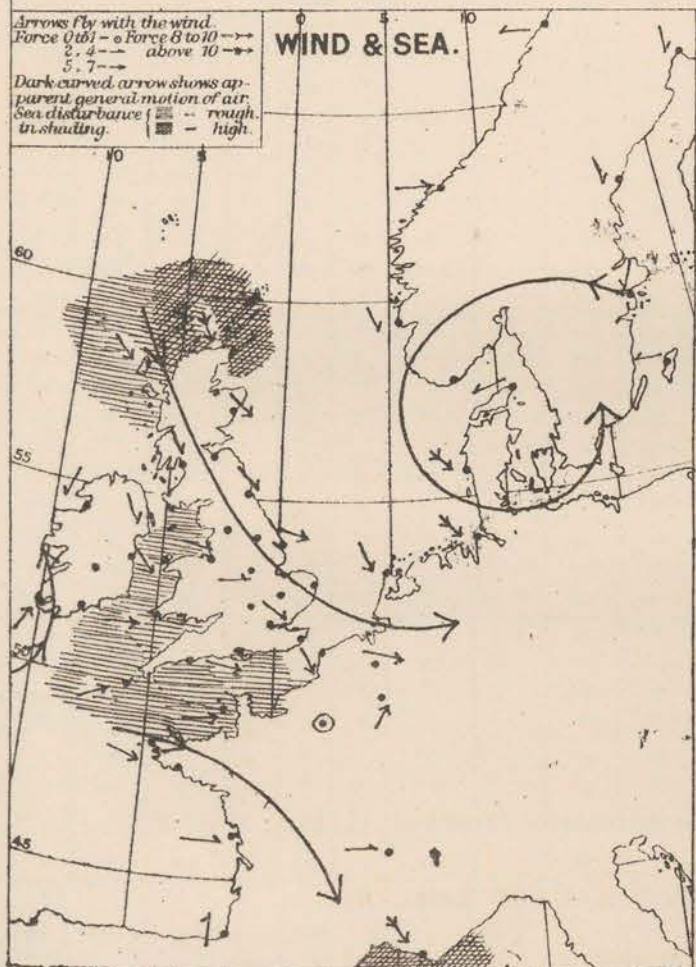
1. Isotherms shown by line lines
2. Changes of temperature given in words

TEMPERATURE.



Arrows fly with the wind.
Force 0 to 1 - a Force 8 to 10 -
2, 4 - above 10 -
5, 7 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance () - rough in shading. () - high.

WIND & SEA.



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

WEATHER.



REMARKS. The weather this morning is fine and bright over Scotland, the N. of England, and in the N. of France, but cloudy or dull in all other places, with rain at several S.E. stations, and at Paris, and snow in the S. of Norway. Rain has fallen during the past 24 hours except in the SW. and NE. of England. The wind is NW. to N. in nearly all parts of N. Europe, but in the S. of Ireland it has backed to SW. It is generally fresh or strong in force, and in the N. of Scotland, and over N. Germany it blows a fresh gale. Temperature has fallen except over France and over S. and SW. coasts, where it has risen a little. The decrease over our E. districts amounts to several degrees, and readings at present range from 52° in the SW. to 27° at Wick. Pressure is increasing over the N. half of the United Kingdom, but is decreasing in all other places. A large depression is shown over Denmark, and a second seems to be approaching our SW. coasts. The highest pressures lie over the Bay of Biscay. The sea is rough in the SW. W. and N.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

15TH DEC^R

1880.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.		
Haparanda	29.48	-1	N	2	0	29.50	+ .08	-5	-5	-10	N	2	b	*	5	-6	-	
Hernösand	29.60	0	N	0	0	29.58	+ .14	1	0	-11	N	2	c	*	18	-2	-	
Stockholm	29.30	15	NNW	4	0	29.63	+ .35	6	6	-15	WSW	2	b	*	27	4	-	
Wisby	29.29	29	N	4	0	29.64	+ .43	26	26	-1	NN	6	bc	*	34	19	-	
Bodo																		
Christiansund																		
Skudesnaes	29.73	30	E	4	5	29.63	+ .31	37	34	+ 8	W	6	0	4	?	?	-	
(Xö (Xiansund)	29.69	26	NN	4	0	29.69	+ .48	24	23	-6	NN	2	0	4	30	21	0.04	
Skagen (The Skaw)	29.67	30	NNE	3	bc	29.69	+ .54	32	31	+ 2	SW	3	c	4	32	23	-	
Fanö	29.74	25	N	4	0	29.74	+ .63	35	32	+ 3	WSW	4	c	*	36	23	0.08	
Cuxhaven	29.58	37	NN	5	bc	29.94	+ .35	31	30	-4	S	1	bc	*	?	26	-	
Sumburgh Head																		
Stornoway																		
Wick	29.91	21	N	1	0	29.60	- .08	34	34	+ 7	SSE	3	0	3	34	19	-	
Nairn	29.94	28	NN	1	0	29.58	- .16	30	28	-2	Z	0	b	1	35	28	0.04	
Aberdeen	29.94	31	NNW	1	0	29.61	- .04	32	31	0	Z	0	sm	2	34	28	0.13	
Leith	29.98	35	NN	1	bc	29.65	- .26	32	30	0	NE	1	0	*	38	29	0.12	
Shields	29.97	35	NNW	2	0	29.61	- .23	32	32	+ 1	SSE	2	5	4	37	30	0.08	
Spurn Head	29.93	48	NNW	5	0	29.62	- .17	47	47	+ 7	SSE	6	7	5	49	33	0.08	
York	29.98	34	NN	1	0	29.65	- .21	32	32	-3	S	1	0	*	38	31	0.15	
Nottingham	30.02	34	NN	2	0	29.65	- .29	33	33	-8	S	1	r	*	41	32	0.09	
Ardrossan	29.97	37	SE	1	f	29.51	- .39	31	31	-6	NE	2	cf	1	41	29	0.25	
Mullaghmore	29.90	37	ESE	6	0.79	29.49	- .50	48	46	+ 8	W	5	egg	5	49	38	0.58	
Donaghadee	29.97	37	NW	4	0	29.47	- .48	43	43	+ 3	W	3	0	1	45	36	0.28	
Parsonstown	29.91	40	ENE	1	r	29.58	- .44	47	47	+ 6	ESE	1	0	*	52	39	0.50	
Barrow-in-Furness	30.02	37	N	2	0	29.55	- .37	36	34	-3	E	3	dgw	4	40	32	0.14	
Holyhead	30.01	38	E	1	r	29.54	- .43	50	50	+ 7	WSW	2	mg	1	50	37	0.48	
Liverpool (Bidston)	30.00	38	NNE	1	0	29.54	- .38	37	37	-3	SE	3	r	1	41	38	0.31	
Valentia	29.91	53	SW	5	omg	29.64	- .28	48	48	-4	W	3	bc	4	54	47	0.71	
Roche's Point	29.92	49	NNW	5	bc	29.59	- .43	51	50	-1	NN	6	0	4	55	46	0.38	
Pembroke	29.92	45	E	3	f	29.61	- .33	62	51	0	SW	5	rm	5	53	43	0.61	
Scilly	30.06	52	WSW	7	r	29.79	- .37	52	52	0	SW	7	0	6	53	51	0.08	
Prawle Point	30.02	51	WSW	4	rm	29.78	- .31	51	51	+ 1	SW	5	r	5	51	50	0.35	
Hurst Castle	30.01	44	E	2	r	29.76	- .24	50	50	0	W	6	r	5	51	40	0.43	
Dover	29.99	41	NN	2	0	29.79	- .12	43	42	-2	W	4	or	3	46	38	0.28	
London	30.01	41	NW	3	or	29.72	- .21	44	43	+ 1	S	2	r	*	48	34	0.38	
Oxford	30.03	35	ENE	2	0	29.66	- .30	43	42	0	S	2	r	*	43	33	0.41	
Cambridge	29.99	37	NNW	1	0	29.67	- .22	38	37	-4	S	1	r	*	43	32	0.20	
Yarmouth	29.93	34	NN	4	0	29.74	- .09	38	37	-1	S	5	tg	4	40	33	0.16	
The Helder	29.82	40	NN	6	0	29.59	+ .21	34	33	-5	S	1	bc	1	41	34	-	
Cape Gris Nez	30.01	42	NNW	5	r	29.80	- .11	41	41	-4	S	7	r	3	50	37	0.12	
Jersey	30.11	51	S	3	omv	29.93	- .25	50	50	-2	SW	6	omv	5	53	49	0.16	
Brest	30.19	51	W	5	r	29.96	- .32	52	51	+ 1	W	5	0	5	54	48	0.08	
Lorient	30.16	50	W	4	0	30.00	- .26	50	49	-1	W	7	0	4	54	48	0.08	
Rochefort	30.26	51	SW	4	0	30.12	- .20	52	49	+ 2	W	5	0	2	57	45	-	
Biarritz	30.30	53	W	3	0	30.16	- .20	47	44	-2	S	4	bc	3	57	41	-	
Corunna	*	*	*	*	*	30.26	- .16	45	*	?	S	1	0	1	*	*	*	
Brussels	*	*	*	*	*	29.91	+ .09	37	35	-6	SE	3	0	*	43	36	0.16	
Charleville	29.95	41	SW	8	0	29.98	- .03	37	36	-12	S	5	0	*	55	36	0.47	
Paris	30.04	51	?	7	0	29.99	- .08	50	48	-1	?	3	0	*	*	*	0.16	
Lyons	30.18	46	SW	1	0	30.12	+ .12	43	42	0	NN	1	r	*	48	43	-	
Toulon	29.99	49	NN	?	0	29.93	- .06	48	44	+ 2	NN	9	bc	7	52	43	-	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.71	31	NNW	3	0	28.34	- .26	30	30	-1	SSE	4	egg	*	32	27	-
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudesnaes ...	29.70	26	25	N N W	2	c	3	Valentia ...	30.00	53	53	W S W	4	om	5
Sumburgh Head								Scilly ...	30.13	53	52	W	4	o	5
Stornoway ...								Dover ...	29.92	43	42	N W	3	omd	2
Aberdeen ...	29.80	33	32	N N W	4	0	3	London ...	29.94	45	42	N N W	3	od	*
Shields ...	29.86	36	35	N W	6	0	3	Yarmouth ...	29.86	40	36	N W	4	c	4
Ardrossan ...	29.94	38	38	N N W	3	c	2	Jersey ...	30.15	52	50	W	6	om	5
Mullaghmore ...	29.98	38	37	E	5	ogd	4	Rochefort ...	30.30	55	53	W N W	2	bc	2
Holyhead ...	30.01	41	40	N	4	od	3								

Barometer is increasing slightly except in the SW and W, and the wind is NW to W except in Ireland, where it is more variable, a SW wind blowing at Valentia and an E wind at Mullaghmore. The weather is dull and damp except in the NE.

EXPLANATION OF COLUMNS.

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

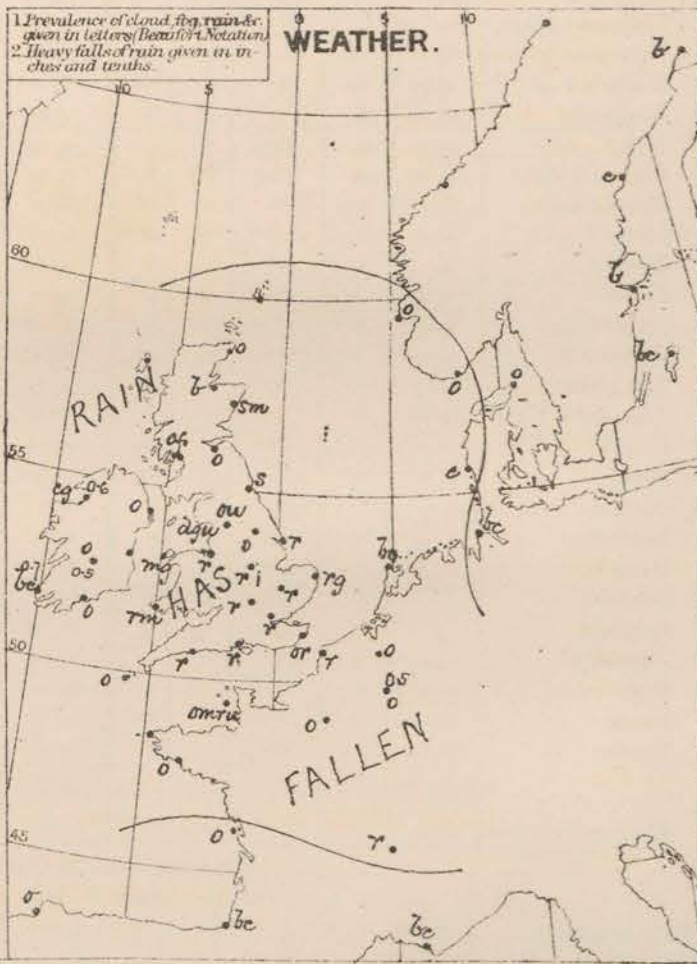
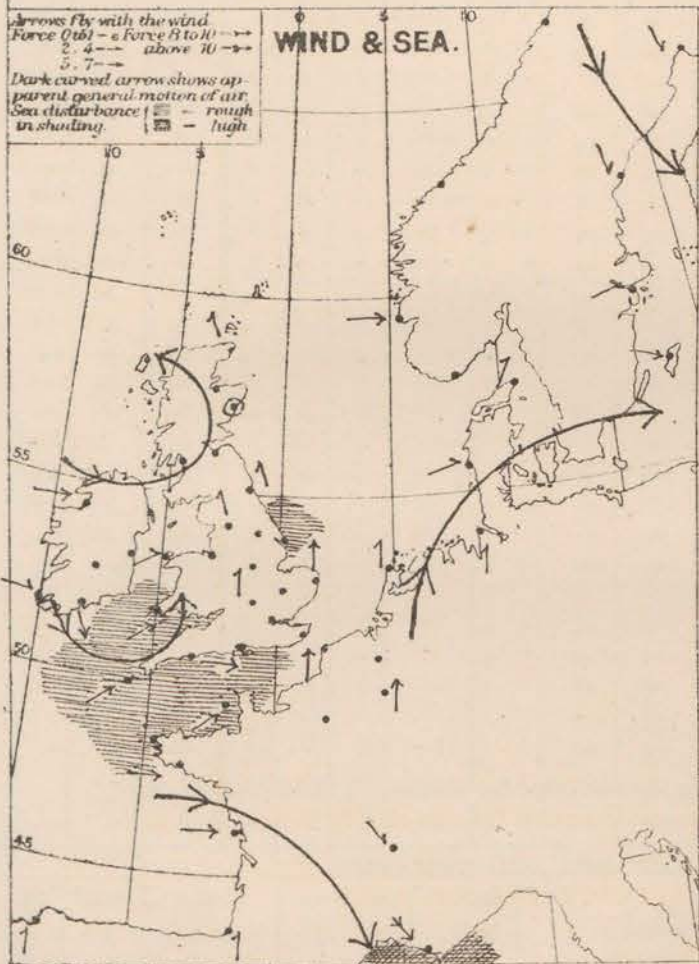
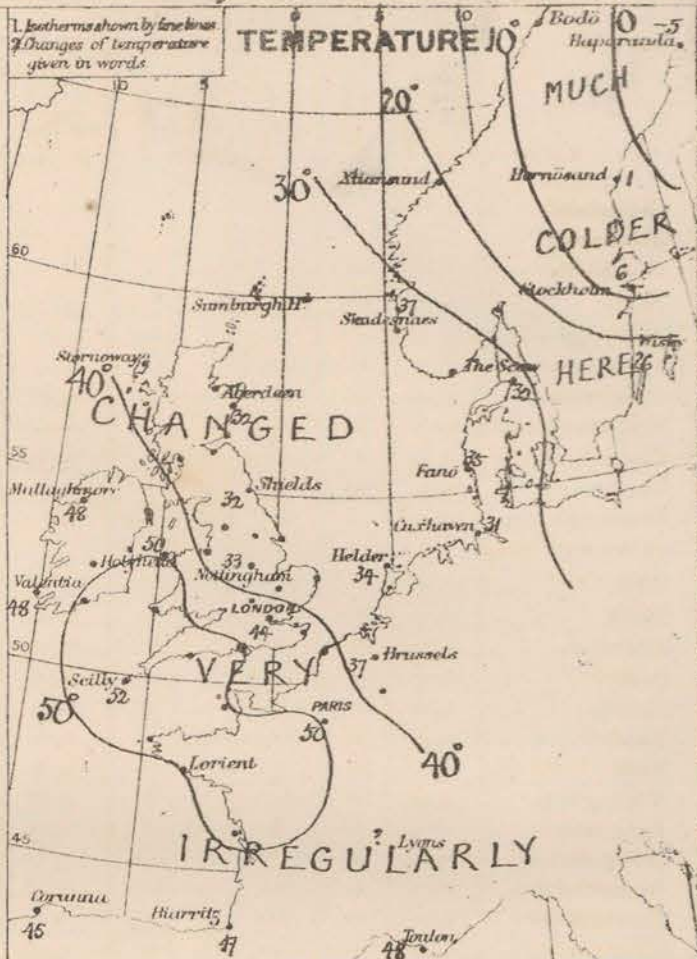
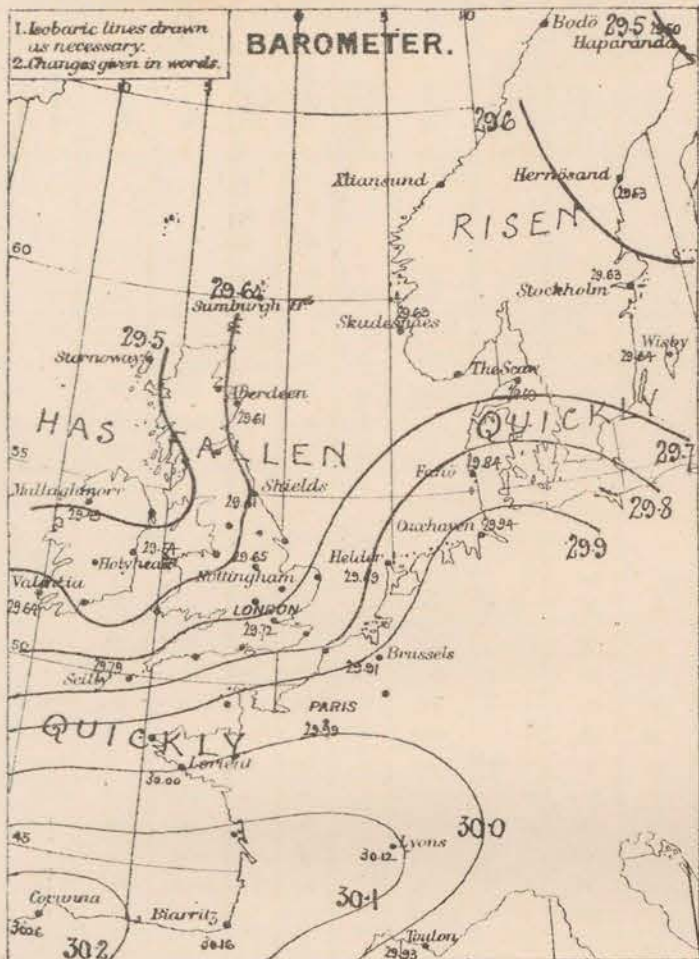
* AN ASTRISK is inserted in all places for which information is not usually received.

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

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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 DEC. 1880.



REMARKS. Very unsettled weather prevails over these islands and their neighbourhoods, but in Sweden the weather is fine and bright. At Valentia the sky is clearing, but in nearly all other places much cloud is reported, with rain at most of the English stations, and snow at Shields and Aberdeen. Mist or a gloomy appearance is signalled from several parts of the country, and during the past 24 hours rain has fallen in all districts. The morning is rising fast over Scandinavia, and the depression noticed over Denmark yesterday has passed away, but over the United Kingdom and France the barometer is falling, and slight subsidiary disturbances are advancing over Ireland, from the W. The highest readings are still shown over the Bay of Biscay. The wind is W over Ireland, France and Scandinavia, while S and S.W. breezes are reported over England. The wind blows freshly or strongly over the Channel and W. of France, moderately or lightly elsewhere. Temperature has changed very irregularly but has fallen several degrees over Central England. Readings range from 52° at Sully to 32° at York, and 30° at Naim.

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

DAILY WEATHER REPORT

16TH DEC^R

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.		
Haparanda														*					
Hernösand													*						
Stockholm													*						
Wisby													*						
Bodö	29.58	23	E	2	b		29.69	+ .33	21	19	?	E	2	o	1	32	19	—	
Christiansund	29.49	28	E	1	s		29.53	+ .14	29	28	— 2	SSW	3	o	4	?	18	—	
Skudesnaes	29.47	33	ENE	2	c		29.54	— .09	26	24	— 11	NNW	2	b	2	37	?	—	
Oxö (Xiansund)	29.49	32	NNW	4	o		29.52	— .17	25	23	+ 1	NNE	4	b	2	32	23	—	
Skagen (The Skaw)	29.52	30	NNW	6	s		29.49	— .20	29	28	— 3	NE	3	o	2	34	25	0.24	
Fanö	29.47	28	SE	4	o		29.42	— .42	31	30	— 4	E	4	o	*	36	28	—	
Cuxhaven	29.64	23	SSE	2	s		29.42	— .52	34	34	+ 3	S	2	o	*	?	28	—	
Sumburgh Head																			
Stornoway																			
Wick	29.48	35	ESE	3	c		29.62	+ .02	35	34	+ 1	NW	3	o	3	35	30	0.20	
Nairn	29.40	34	NE	5	o		29.69	+ .11	35	33	+ 5	NE	4	b	4	37	30	0.26	
Aberdeen	29.34	37	E	3	r		29.64	+ .03	33	31	+ 1	NNW	3	b	4	38	30	0.46	
Leith	29.31	34	W	0	s		29.63	+ .08	35	33	+ 3	NE	2	b	*	37	31	0.17	
Shields	29.35	35	WSW	2	o		29.54	— .07	40	38	+ 8	NE	3	b	3	41	31	0.20	
Spurn Head	29.40	40	NNW	4	c		29.39	— .23	40	40	— 7	NW	5	r	3	47	36	0.17	
York	29.41	34	W	0	b		29.52	— .13	37	36	+ 5	N	1	o	*	44	31	0.12	
Nottingham	29.47	43	NNW	2	b		29.53	— .12	37	37	+ 4	N	2	r	*	46	33	0.63	
Ardrossan	29.30	36	W	0	r		29.67	+ .16	35	33	+ 4	NNE	1	b	1	36	30	0.08	
Mullaghmore	29.39	47	WSW	5	o	p	29.64	+ .15	42	40	— 6	ENE	7	og	5	48	39	0.20	
Donaghadee	29.36	45	WSW	3	b		29.53	+ .11	40	38	— 3	NE	7	c	5	48	39	0.04	
Parsonstown	29.49	45	SW	1	o		29.61	+ .03	36	35	— 11	NNE	1	o	*	49	36	0.12	
Barrow-in-Furness	29.43	45	W	2	o		29.56	+ .01	38	37	+ 2	NNE	3	o	3	47	34	0.22	
Holyhead	29.46	49	WSW	4	m		29.51	— .03	43	43	— 7	NE	3	og	3	50	42	0.01	
Liverpool (Bidston)	29.44	45	WSW	3	o		29.53	— .01	39	38	+ 2	NE	2	r	1	49	37	0.53	
Valentia	29.54	49	WSW	5	cp		29.54	— .10	42	42	— 6	NNE	4	o	4	52	41	0.27	
Roche's Point	29.56	50	W	5	b		29.54	— .05	45	43	— 6	NW	3	o	4	54	44	0.25	
Pembroke	29.52	50	W	5	a		29.47	— .14	48	46	— 4	W	4	c	5	53	47	0.37	
Scilly	29.70	52	WSW	6	o		29.59	— .20	53	50	— 2	WSW	6	cp	5	53	50	0.26	
Prawle Point	29.66	49	WSW	5	b		29.57	— .21	49	48	— 2	WSW	5	b	5	51	47	0.15	
Hurst Castle	29.58	50	W	6	b		29.57	— .19	48	48	— 2	NNW	5	b	5	51	40	0.28	
Dover	29.53	50	WSW	5	or		29.56	— .23	47	46	+ 4	W	4	b	3	51	42	0.34	
London	29.49	51	WSW	4	or		29.56	— .17	45	44	+ 1	SW	4	c	*	52	44	0.14	
Oxford	29.53	46	WSW	4	b		29.52	— .14	45	44	+ 2	WSW	2	o	*	51	42	0.15	
Cambridge	29.45	50	WSW	2	b		29.48	— .19	45	45	+ 7	WSW	1	o	*	52	37	0.12	
Yarmouth	29.41	49	W	2	cdm		29.44	— .30	44	43	+ 6	WSW	3	b	2	49	36	0.16	
The Helder	29.35	45	W	2	r		29.40	— .49	45	44	+ 11	SW	2	o	2	45	34	0.12	
Cape Gris Nez	29.53	50	SW	8	r		29.57	— .23	49	48	+ 8	WSW	5	b	4	52	41	0.28	
Jersey	29.72	52	SW	7	ogrm		29.69	— .24	50	49	o	SW	7	c	5	52	48	0.15	
Brest	29.80	51	NW	5	o		29.75	— .21	52	50	o	W	5	b	5	54	48	0.12	
Lorient	29.81	53	WSW	7	r		29.75	— .26	51	49	+ 1	W	7	c	3	52	48	0.35	
Rochefort	29.99	53	WSW	7	o		29.89	— .23	52	51	o	WSW	4	o	2	54	46	0.12	
Biarritz	30.06	53	NNW	5	b		29.96	— .20	49	43	+ 2	S	5	o	3	55	41	—	
Corunna	*	*	*	*	*				*							*	*	*	
Brussels	*	*	*	*	*		29.59	— .32	46	45	+ 9	SW	5	o	*	49	?	0.55	
Charleville	29.74	48	SSH	4	o		29.69	— .29	46	41	+ 9	W	4	o	*	48	36	0.35	
Paris	29.79	51	?	4	o		29.76	— .23	47	45	— 3	WSW	1	b	*	*	*	0.08	
Lyons	30.01	47	SSH	1	a		?	?	42	41	— 1	?	1	o	*	51	40	—	
Toulon	29.97	50	NW	7	b		29.99	+ .06	49	47	+ 1	SW	3	b	5	54	45	—	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.17	35	SSE	3	f		29.24	— .10	34	33	+ 4	E	6	o	*	41	30	0.51
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.54	33	32	NNW	2	s	3	Valentia ...	29.61	50	49	WSW	4	cp	5
Sumburgh Head								Scilly ...	29.72	52	51	W	7	c	6
Stornoway ...								Dover ...	29.66	50	49	WSW	4	op	3
Aberdeen ...	29.41	35	34	SSE	3	r	3	London ...	29.56	52	51	SW	5	ogt	*
Shields ...	29.38	33	33	SW	4	o	3	Yarmouth ...	29.52	42	42	SSW	2	od	4
Ardrossan ...	29.39	34	33	ENE	1	b	1	Jersey ...	29.82	52	50	SW	6	cg	5
Mullaghmore ...	29.44	48	47	SW	5	p	5	Rochefort ...	30.04	52	50	SW	7	r	2
Holyhead ...	29.48	49	48	NNW	4	c	3								

The barometer is falling everywhere — most in the east — and a large shallow depression is passing across us. The weather is very unsettled and wet with NW winds in the S., and SE winds in the N.

EXPLANATION OF COLUMNS.

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

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

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

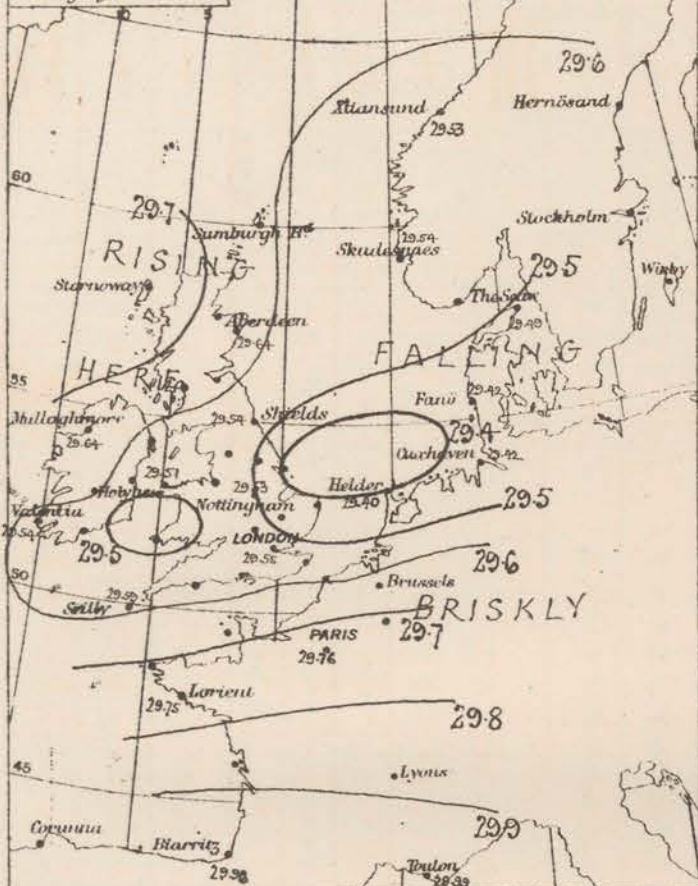
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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 DEC: 1880.

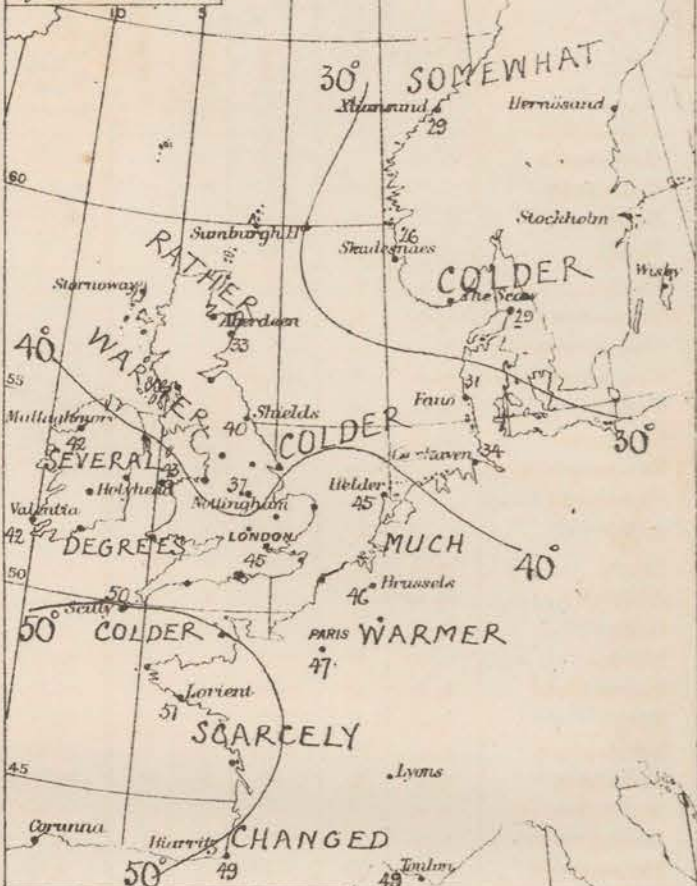
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



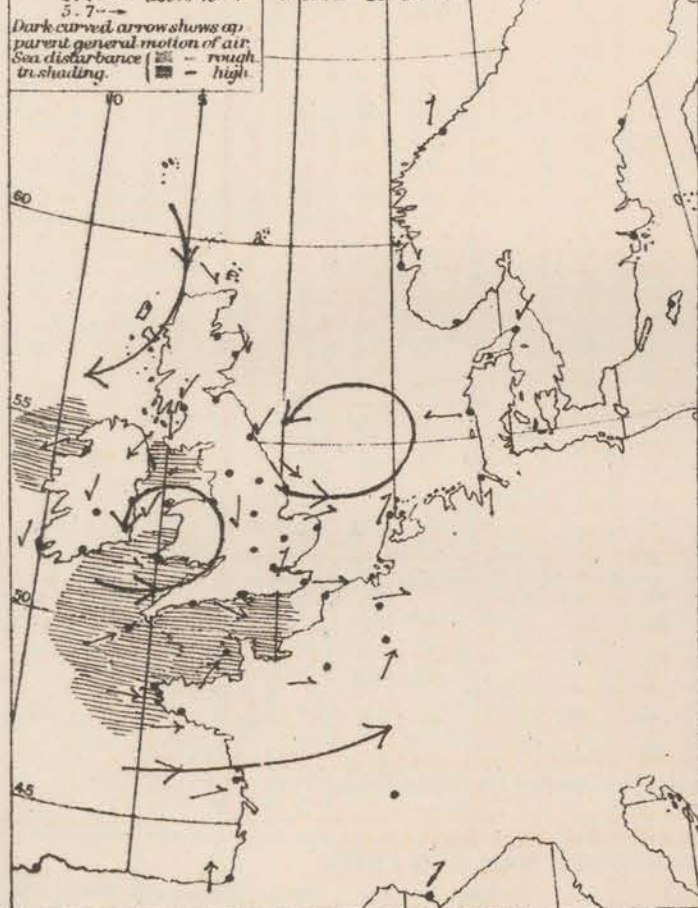
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



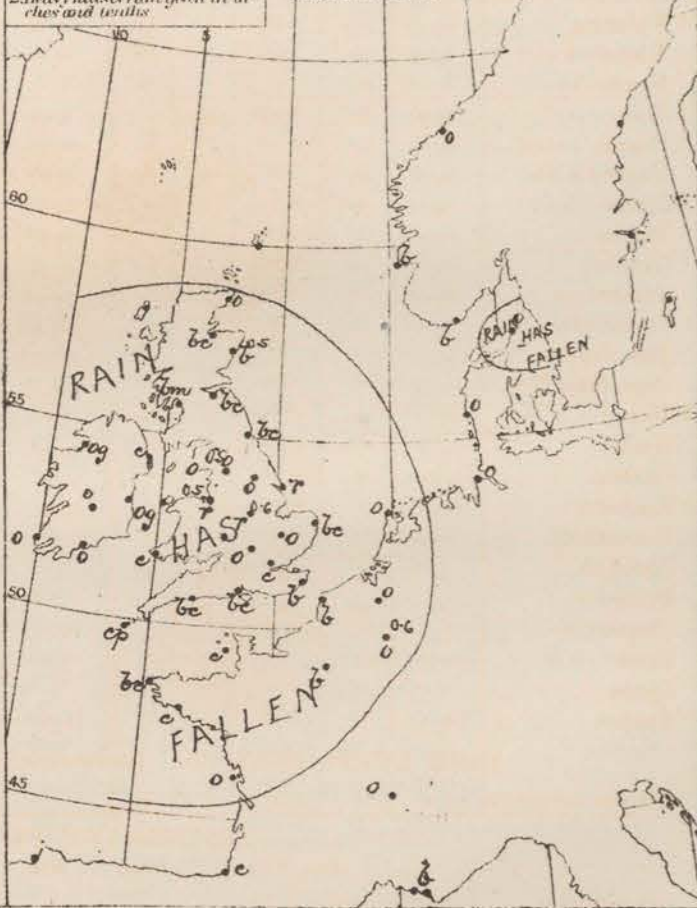
Arrows fly with the wind.
Force 0 to 10 - Force 8 to 10 -
2, 4 - above 10 -
5, 7 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance (rough in shading) - high

WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (B, c, f, r, s, t, n, o, t, a, l, i, n, e, s).
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. Very unsettled conditions prevail over a large part of Nth Europe. The mercury is falling over England, France, and the countries to the Eth of the North Sea, and two depressions are passing across us one being shown over Wales, and another over the North Sea. In Scotland, however, the barometer is rising quickly, and no area of high pressure is forming in the NW. The wind has shifted suddenly to the Nth over Scotland, Ireland and the N. of England, while Wth winds are reported over the S. of England, the Channel, and France. In the N. of Ireland, and over the Channel the wind blows strongly or with the force of a moderate gale, but in nearly all other places it is moderate to light. The weather has cleared, and is fine and bright over Scotland, the S. of Norway, and the S. and SE. of England, but is dull and unsettled elsewhere, with rain at several stations. Rain has fallen in all districts. A brisk decrease of temperature has occurred over Ireland and the N. of England, but elsewhere the thermometer has risen, and readings range from 56° at Seely to 33° at Aberdeen. The sea is rough in the Channel, and on our NW. coast.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 17th DEC^r 1880.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Direc.	Force. (0 to 13).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.	
Haparanda	29.40	-8	N	2	0	29.38	-	-1	-1		NE	2	0	*	0	-8	-
Hernösand	29.43	3	Y	0	0	29.36		9	9		Y	0	0	*	?	-8	-
Stockholm	29.57	18	NNW	2	0	29.51		18	18		WSW	2	0	*	28	12	-
Wisby	29.58	28	E	4	0	29.56		26	24		W	2	0	*	36	23	0.16
Bodö	29.17	19	E	2	0	29.13	-56	17	15	-4	E	2	0	*	?	16	-
Christiansund	29.30	29	NN	9	5	29.36	-17	23	22	-6	W	6	3	5	?	16	0.24
† Skudesnaes	29.62	30	ESE	2	5	29.51	-0.3	33	30	+7	NN	6	0	4	?	25	-
Oxö (Xiansund)	29.63	22	NNW	2	0	29.54	+0.2	32	30	+7	WSW	4	0	2	37	19	-
Skagen (The Skaw)	29.64	25	W	2	0	29.57	+0.8	32	31	+3	NNN	5	0	4	32	19	-
Fanö	29.71	21	NNE	1	0	29.75	+0.3	34	32	+3	NNN	4	0	*	36	19	-
Cuxhaven	29.68	34	NE	4	f	29.85	+0.3	27	27	-7	SSW	1	0	*	34	25	-
† Sumburgh Head																	
† Stornoway																	
Wick	29.83	31	NNW	2	0	29.81	+0.9	29	27	-6	N	2	0	3	35	24	0.18
Nairn	29.87	31	Y	0	0	29.85	+0.6	32	32	-3	W	1	0	2	35	28	0.03
† Aberdeen	29.83	33	NNW	2	0	29.79	+0.5	30	30	-3	NN	2	0	2	34	23	-
Leith	29.81	33	NE	1	0	29.85	+0.2	26	25	-9	NN	1	0	*	37	23	-
† Shields	29.86	41	NE	2	0	29.86	+0.2	29	28	-11	W	2	0	3	42	28	0.07
Spurn Head	29.73	41	NNE	6	0	29.82	+0.3	39	39	-1	NNE	3	0	5	43	37	-
York	29.77	35	N	1	0	29.87	+0.5	28	28	-9	N	1	0	*	42	27	0.06
Nottingham	29.75	37	N	3	0	29.85	+0.3	30	28	-7	N	3	0	*	41	28	0.01
† Ardrossan	29.86	32	Y	0	0	29.87	+0.2	27	26	-8	E	1	0	0	36	23	-
† Mullaghmore	29.86	39	ENE	5	0	29.90	+0.2	30	29	-12	SSW	2	0	2	42	25	-
Donaghadee	29.86	39	ENE	3	0	29.87	+0.2	34	32	-6	WSW	3	0	1	41	34	-
Parsonstown	29.87	35	N	1	0	29.94	+0.3	24	24	-12	Y	0	0	*	40	24	0.01
Barrow-in-Furness	29.79	35	NNE	0	0	29.80	+0.3	30	29	-8	NE	2	0	2	45	28	-
† Holyhead	29.75	41	E	4	0	29.84	+0.3	36	36	-7	E	2	0	1	44	35	-
Liverpool (Bilston)	29.77	37	NE	2	0	29.86	+0.3	34	32	-5	ENE	1	0	1	41	33	0.01
† Valentia	29.73	42	NE	7	0	29.91	+0.3	33	32	-9	NE	1	0	2	44	31	-
Roche's Point	29.70	44	NNE	4	0	29.84	+0.3	37	35	-8	N	4	0	4	49	35	-
Pembroke	29.62	43	ENE	4	0	29.75	+0.2	35	33	-13	ENE	3	0	1	49	34	-
† Scilly	29.57	49	Y	0	r	29.68	+0.9	45	44	-5	NNE	6	0	6	51	44	0.60
Prawle Point	29.59	47	NE	2	r	29.59	+0.2	36	36	-13	NE	7	r	6	52	36	1.14
Hurst Castle	29.64	44	E	4	0	29.66	+0.9	40	40	-8	E	6	0	5	50	40	0.43
† Dover	29.66	43	N	4	0	29.73	+0.7	39	38	-8	E	6	0	5	50	39	0.08
† London	29.67	41	ENE	2	cm	29.74	+0.9	39	37	-6	NE	4	0	*	49	37	0.13
Oxford	29.73	39	SW	2	0	29.78	+0.6	32	31	-13	N	1	0	*	47	32	0.07
Cambridge	29.70	38	NE	1	0	29.82	+0.4	29	28	-16	NE	1	0	*	46	29	0.02
† Yarmouth	29.67	40	NE	6	bcy	29.82	+0.3	38	35	-6	E	4	0	3	45	36	0.01
The Helder	29.70	39	NE	3	bc	29.84	+0.4	32	31	-13	ESE	1	0	1	46	32	-
Cape Gris Nez	29.60	40	NE	5	r	29.71	+0.4	34	34	-15	E	7	r	4	52	34	0.20
† Jersey	29.65	50	SW	3	cp	29.59	-0.10	48	47	-2	SSW	3	0	3	53	47	0.10
Brest	29.60	49	W	4	r	29.54	-0.21	47	46	-5	Y	0	0	5	54	46	0.16
Lorient	29.64	51	WSW	5	0	29.57	-0.18	49	46	-2	W	5	0	4	54	46	0.20
† Rochefort	29.76	54	SSW	5	0	29.69	-0.20	51	50	-1	SW	4	0	2	57	45	0.32
Biarritz	29.86	54	W	5	0	29.82	-0.14	48	46	-1	S	4	0	4	57	45	-
Corunna	*	*	*	*	*	29.85	-0.15	50	*	-2	SW	1	0	5	*	*	*
Brussels	*	*	*	*	*	29.76	+0.17	34	30	-12	ENE	4	0	*	48	24	0.32
Charleville	29.71	46	SSW	4	0	29.69	-0.0	44	42	-2	S	4	0	*	48	41	0.04
Paris	29.78	50	?	4	bc	29.69	-0.07	47	46	0	SE	3	f	*	*	*	0.04
Lyons	29.84	45	S	1	0	29.84	?	46	43	+4	S	1	r	*	48	42	0.04
Toulon	29.95	48	Z	0	bc	29.87	-0.12	51	50	+2	SW	3	0	3	54	45	-

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.51	32	ENE	3	0	28.59	+0.35	23	E	1	0	*	34	22	-
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

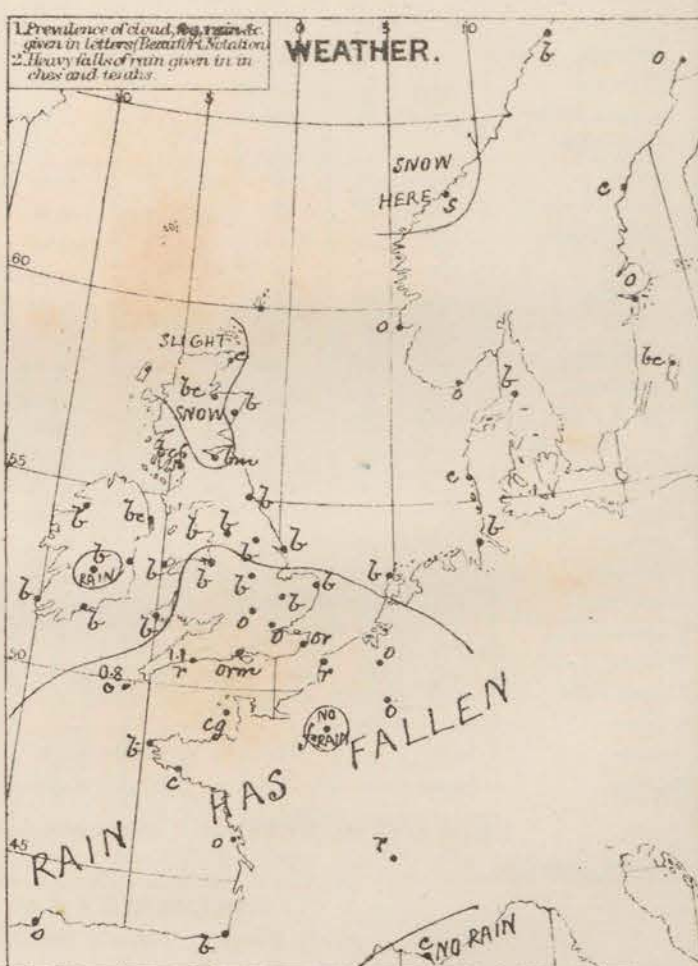
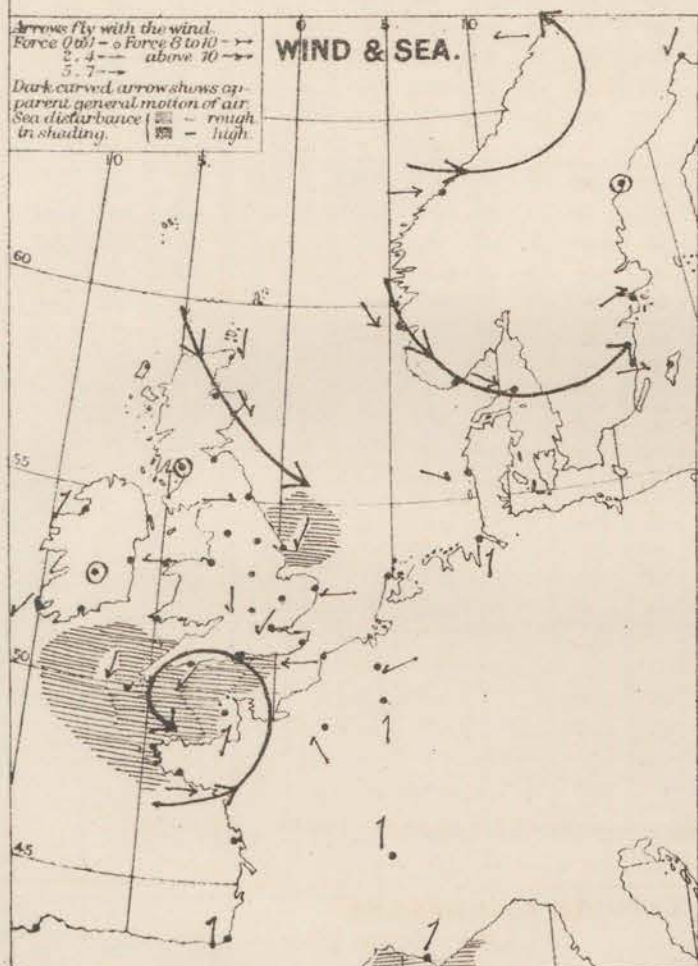
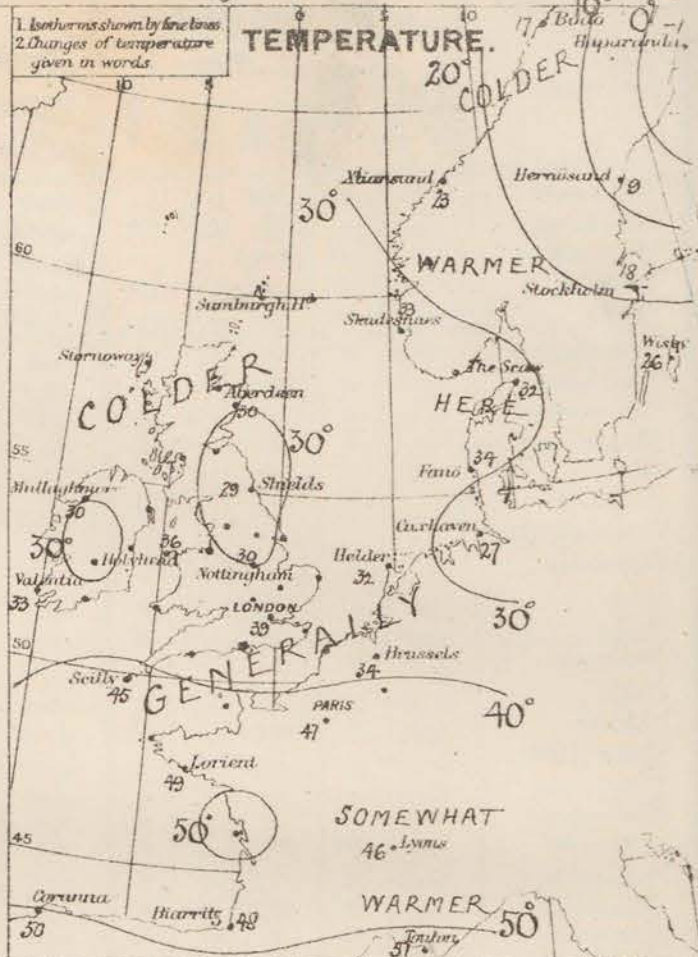
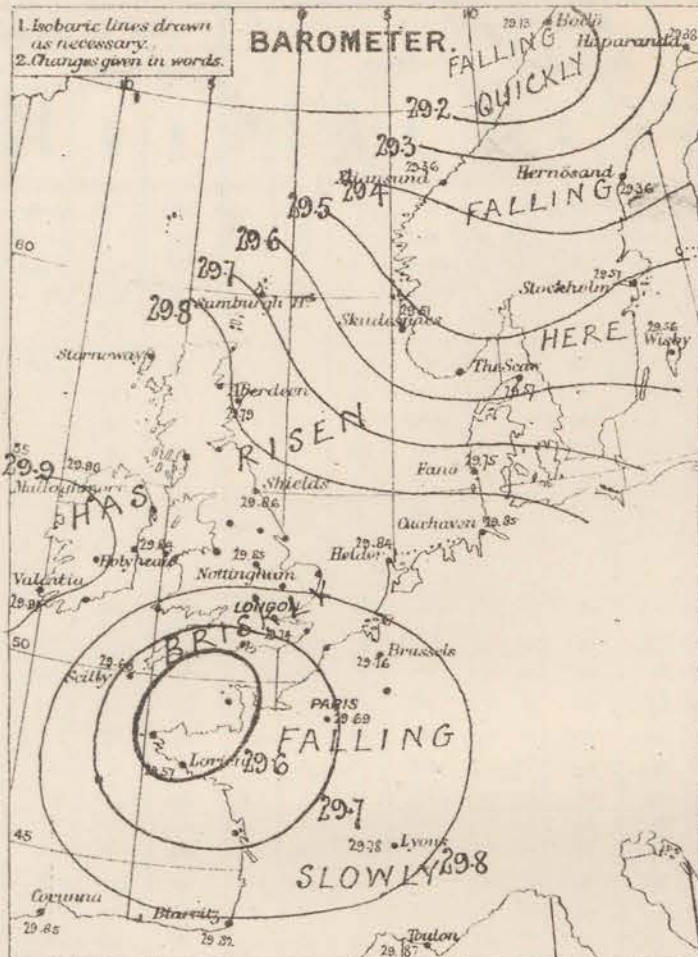
	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.63	27	25	ENE	2	0	2	Valentia ...	29.65	45	48	NE	4	0	5
Sumburgh Head								Scilly ...	29.59	51	50	NNW	4	0	4
Stornoway ...								Dover ...	29.58	50	48	W	3	0	3
Aberdeen ...	29.76	33	32	NNW	3	0	4	London ...	29.58	49	48	W	3	0	*
Shields ...	29.66	41	38	NE	2	0	3	Yarmouth ...	29.53	44	41	NN	2	0	3
Ardrossan ...	29.77	35	33	NNE	2	0	1	Jersey ...	29.68	52	51	SW	5	0	4
Mullaghmore ...	29.77	41	38	ENE	6	0	5	Rochefort ...	29.84	53	52	W	3	0	2
Holyhead ...	29.66	43	42	E	5	0	4								

Pressure is increasing except in the SW, and the depression noticed over South Wales is travelling slowly S.W. The wind is NE† in the N. and W., and W† in the S., it is light or moderate in force except in the NW. Temperature ranges from 52° at Jersey to 33° at Aberdeen.

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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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* 17th Dec: 1880



REMARKS. The depression noticed over S. Wales yesterday has since passed away to the NW of France, while that shown over the North Sea has disappeared over N. Germany, while at the same time the area of high pressure in the N. has spread S^W and now covers nearly the whole country. In consequence the overcast is raising in nearly all parts of N^W Europe, except the W. of France the N. of Scotland, and over Scandinavia. The wind is light from the N^W on most of our coasts, but as on S. coast, fresh E^{SE} winds are reported, and in the E. and N. of France S^W winds. On our extreme NW^W and N^W coasts, the wind is backing towards W. and SW. The weather is overcast and rainy over France, the Channel and the S. coast of England, but in nearly all parts of these Islands the sky is clear or nearly so. Heavy rain has fallen in the SW, and slight rain except at our N^W stations. Temperature has fallen except on the E^{SE} shores of the North Sea, and readings range over these Islands from 45° at Selly, to 26° at Litch. Sharp frost forwarded over Scotland and the N. of England, and Ireland last night. Sea is rough in the SW.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

18th DEC.

1880.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 13).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 13).			Max.	Min.		
Haparanda	29.38	8	NE	2	0	29.50	+ .12	9	9	+ 10	E	2	0	*	10	-2	0.20	
Hernösand	29.43	9	NE	0	6	29.65	+ .29	12	11	+ 3	SW	2	0	*	16	1	-	
Stockholm	29.45	23	WNW	8	5	29.89	+ .38	8	8	- 10	WSW	2	0	*	28	?	0.04	
Wisby	29.59	35	W	6	0	29.86	+ .30	27	26	+ 1	NW	2	0	*	36	21	-	
Bodö	29.25	16	E	2	0	29.45	+ .32	20	19	+ 3	NW	2	0	*	?	14	-	
Christiansund	29.47	23	NW	9	0	29.73	+ .37	25	24	+ 2	W	9	5	7	25	16	0.28	
† Skudesnaes	29.75	27	NW	2	5	29.76	+ .25	30	27	- 3	E	6	0	3	34	27	-	
Orö (Xiansund)	29.72	26	W	4	0	29.84	+ .30	26	24	- 6	NNE	4	0	2	32	23	-	
Skagen (The Skaw)	29.73	31	SW	5	0	29.88	+ .31	30	28	- 2	E	2	0	0	34	25	-	
Fanö	29.81	31	N	1	0	29.78	+ .03	28	28	- 6	E	4	0	*	37	27	-	
Cuxhaven	29.90	29	SW	1	0	29.75	- .10	28	28	+ 1	SE	6	5	*	30	23	-	
† Sumburgh Head																		
† Stornoway																		
Wick	29.87	31	SE	2	0	29.37	- .44	37	36	+ 8	S	8	0	6	37	22	-	
Nairn	29.73	27	NE	0	0	29.21	- .64	35	33	+ 3	SW	3	0	1	35	25	-	
† Aberdeen	29.79	30	NE	0	m	29.40	- .39	36	33	+ 6	S	7	0	5	36	24	0.04	
Leith	29.79	27	NW	9	0	29.39	- .40	34	32	+ 8	E	5	0	*	35	24	-	
† Shields	29.79	31	ESE	1	6m	29.69	- .20	30	26	+ 3	SSW	5	0	4	44	25	-	
Spurn Head	29.73	37	ESE	1	0	29.59	- .23	40	40	+ 1	SSE	5	0	4	40	35	-	
York	29.81	36	N	1	0	29.56	- .31	39	29	+ 2	S	1	0	*	35	25	-	
Nottingham	29.80	30	N	2	0	29.57	- .28	30	29	0	NNE	1	0	*	40	28	-	
† Ardrossan	29.77	32	ENE	2	f	29.28	- .59	39	38	+ 12	S	5	0	4	39	26	0.07	
† Mullaghmore	29.72	34	SSW	3	0	29.13	- .77	40	39	+ 10	SSW	6	0	5	41	29	0.10	
Donaghadee	29.77	35	WSW	2	0	29.25	- .62	40	40	+ 6	SW	7	0	5	41	31	0.07	
Parsonstown	29.81	29	NE	0	0	29.31	- .63	38	38	+ 14	SW	3	0	*	38	23	0.15	
Barrow-in-Furness	29.79	32	NE	2	0	29.49	- .37	34	32	+ 4	SE	5	0	3	40	29	-	
† Holyhead	29.77	37	NE	1	0	29.29	- .45	40	40	+ 4	SW	5	0	4	40	34	0.02	
Liverpool (Bliston)	29.78	36	ENE	1	0	29.49	- .37	31	30	- 3	SE	3	0	1	36	29	-	
† Valentia	29.80	33	NNE	1	0	29.38	- .53	46	43	+ 13	WSW	6	0	6	49	31	0.22	
Roche's Point	29.78	35	NNE	4	0	29.42	- .42	45	43	+ 8	W	4	0	4	47	33	0.26	
† Pembroke																		
† Scilly	29.73	43	NNE	4	0	29.61	- .07	49	49	+ 4	WSW	8	0	6	49	42	-	
Prawle Point	29.65	35	N	4	0	29.66	+ .07	42	40	+ 6	SW	4	0	5	42	33	0.32	
Hurst Castle	29.65	38	ENE	6	0	29.65	- .01	36	35	- 4	NW	2	0	4	30	35	0.39	
† Dover	29.68	40	E	5	0	29.59	- .14	41	40	+ 2	WNW	1	0	1	42	38	0.24	
† London	29.70	38	E	4	0	29.61	- .13	36	35	- 3	WSW	2	0	*	40	35	0.01	
Oxford	29.71	35	E	1	0	29.62	- .16	34	33	+ 2	WSW	1	0	*	37	32	0.02	
Cambridge	29.75	35	NE	1	0	29.59	- .23	35	34	+ 6	NNE	1	0	*	36	28	-	
† Yarmouth	29.77	39	E	5	0	29.57	- .25	40	39	+ 1	SE	3	0	4	40	36	-	
The Helder	29.81	39	E	1	0	29.61	- .23	33	32	+ 1	E	1	0	1	36	32	0.04	
Cape Gris Nez	29.65	35	E	7	0	29.59	- .12	42	42	+ 8	SSW	3	0	1	?	34	0.12	
† Jersey	29.59	46	ESE	2	0	29.76	+ .17	43	38	- 5	WNW	4	0	4	49	42	0.06	
Brest	29.31	26	?	?	?	29.81	+ .27	46	42	- 1	NNW	4	0	5	?	43	-	
Lorient	29.58	46	WNW	7	0	29.77	+ .20	44	39	- 5	NNW	4	0	3	50	43	0.08	
† Rochefort	29.69	51	WSW	5	0	29.86	+ .17	48	46	- 3	NNW	7	0	2	55	45	0.08	
Biarritz	29.79	34	SSW	2	0	29.94	+ .12	49	47	+ 1	WSW	5	0	5	57	45	0.71	
Corunna	*	*	*	*	*			*	*					*	*	*	*	
Brussels	*	*	*	*	*	29.61	- .15	44	43	+ 10	S	1	0	*	?	32	0.16	
Charleville	29.68	45	SSE	4	0	29.66	- .03	45	42	+ 1	W	4	0	*	45	43	0.20	
Paris	29.66	48	?	2	0	29.67	- .02	47	45	0	S	1	0	*	*	*	0.08	
Lyons	29.76	47	SW	1	0	29.82	- .02	40	37	- 6	SW	1	0	*	30	38	-	
Toulon	29.84	53	NE	0	0	29.83	- .04	38	47	- 1	SW	3	0	2	55	48	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																		
Hawes Junction	28.54	25	SSE	2	0	28.24	- .35	28	28	+ 5	SSE	3	0	*	31	21	-	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	28.54	25	SSE	2	0	28.24	- .35	28	28	+ 5	SSE	3	0	*	31	21	-
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

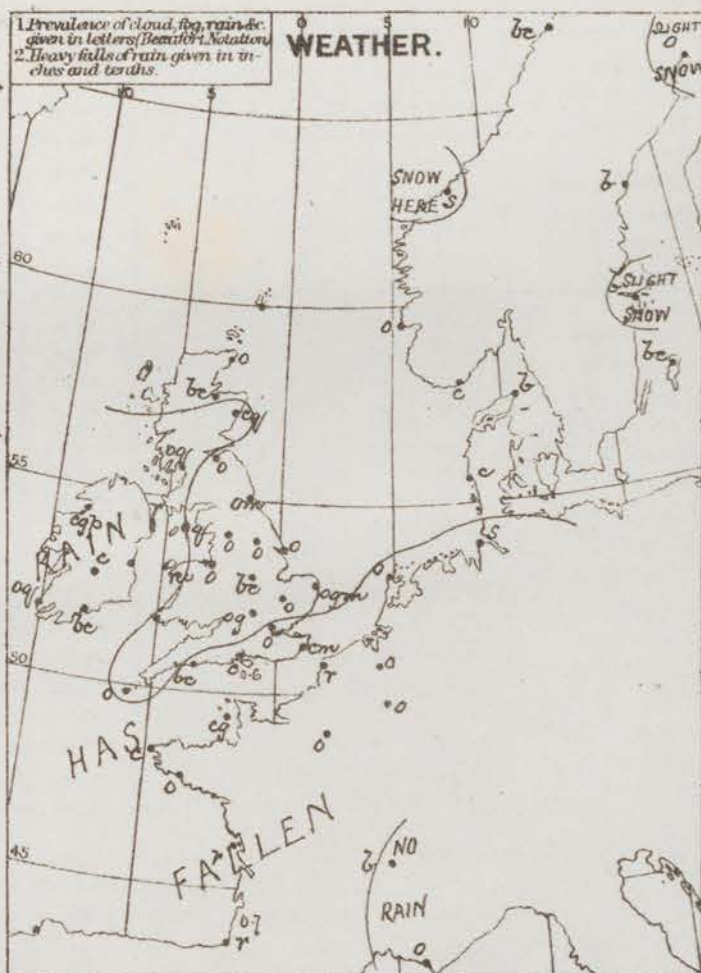
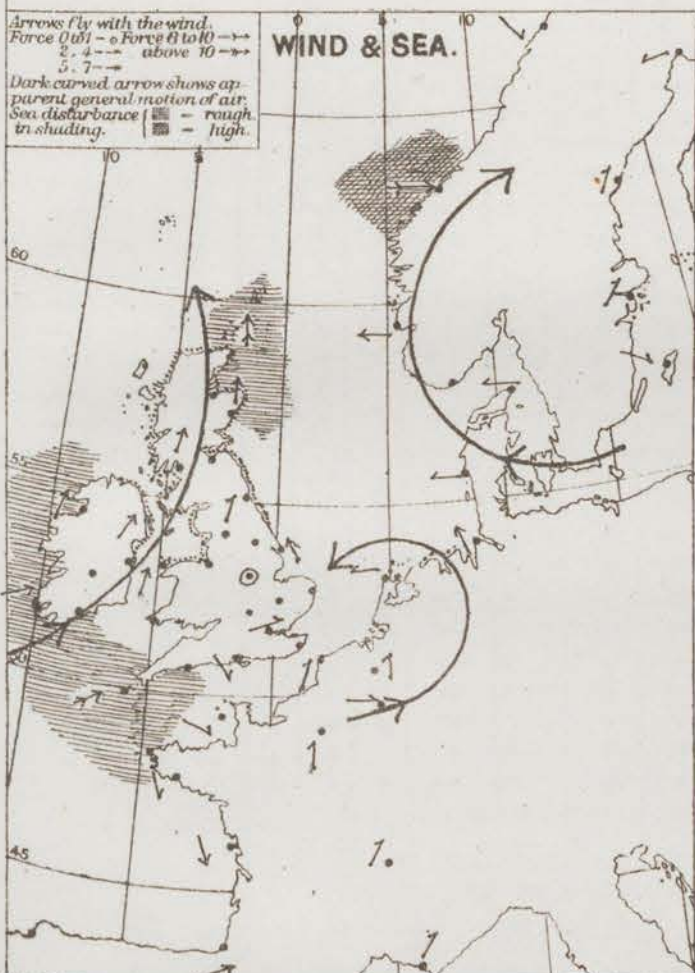
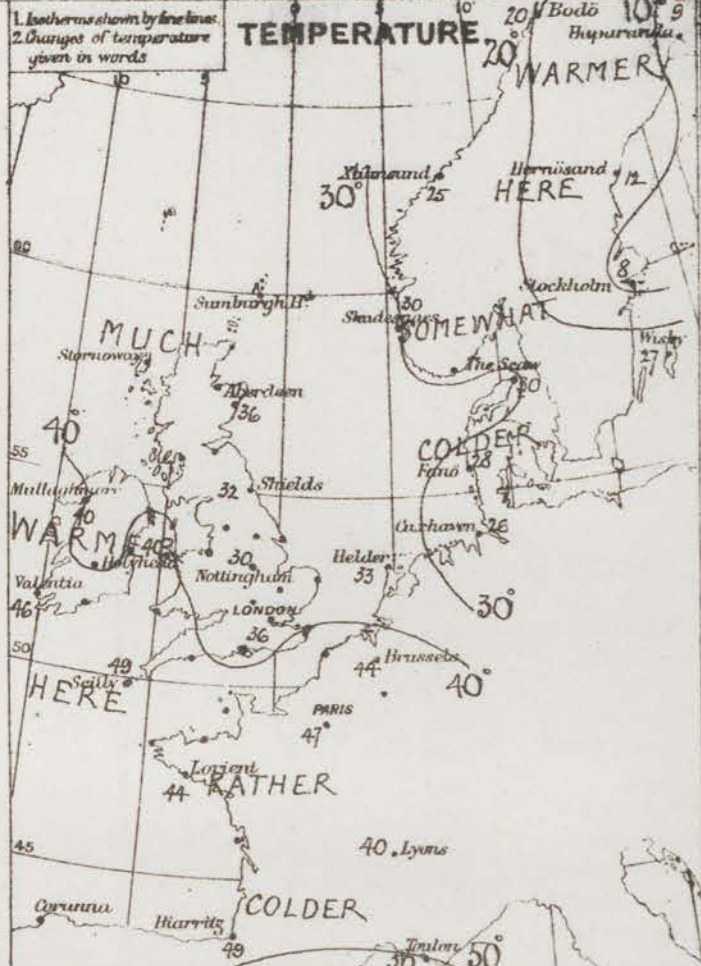
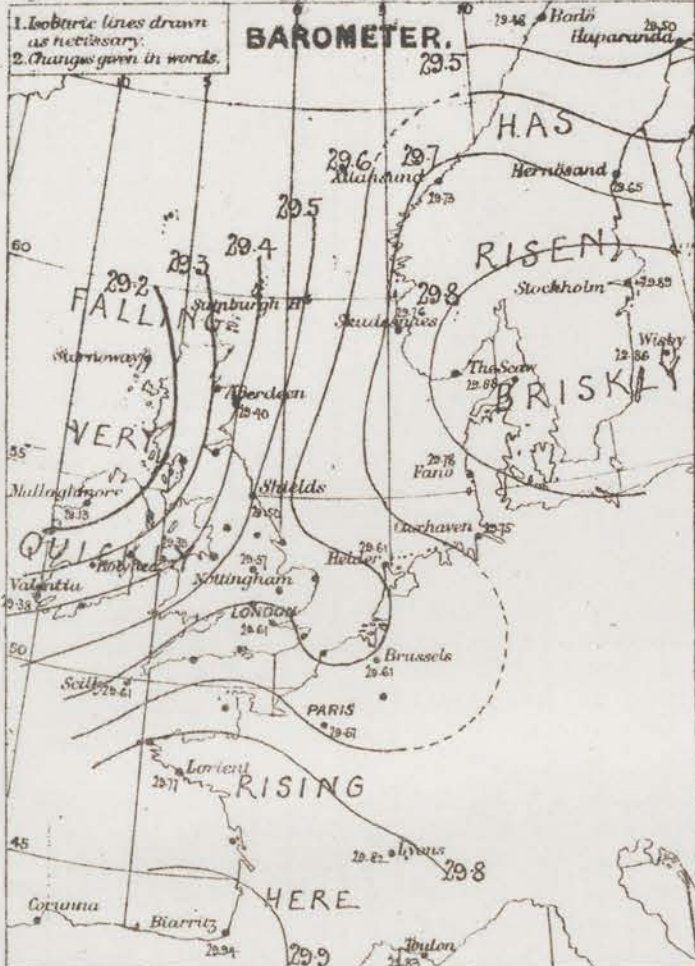
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...	29.67	30	27	NW	6	S	4	Valentia ...	29.88 ^f	40	37	NE	2	0
Sumburgh Head								Scilly ...	29.71	45	43	NNE	7	0
Stornoway ...								Dover ...	29.71	39	38	E	5	0
Aberdeen ...	29.83	33	31	NNW	2	0	2	London ...	29.72	40	36	E	4	0
Shields ...	29.85	33	31	NW	1	0	3	Yarmouth ...	29.87	39	36	E	3	0
Ardrossan ...	29.84	34	33	E	2	f	1	Jersey ...	29.61	49	48	ESE	3	0
Mullaghmore ...	29.85	40	38	SW	2	0	2	Rochefort ...	29.71	54	53	WSW	5	0
Holyhead ...	29.83	39	39	NE	2	0	1							

A slight decrease of pressure has commenced on our extreme W. coast; but elsewhere there is very little change and the small depression moves slowly SE. N to E breeze prevails and the weather is fine except on our S. coast.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 § B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Saturday 18th DEC^r 1880.



REMARKS. A very sudden change has occurred in the distribution of pressure. The barometer has risen over France and Scandinavia, while the area of high pressure noticed yesterday over our own N^o districts has given way, and been succeeded by deep depression, which is advancing to our NW. coast, and has caused a fall of three quarters of an inch in the N. of Ireland. A small secondary disturbance is shown in the SE. The wind has shifted suddenly to SW. and S. on our coast, to N. or NW in the N. of France, and to E. on the E. shores of the North Sea. On our NW. and N. coasts the wind is strong to a gale in force. The weather is locally clear in a few places, but the sky generally is cloudy or overcast with rain on our NW. coast, at Cape Girdez and in the S. of France, and snow at Christiansund. Rain has fallen at all but our NE. stations, and snow occurred in London last night. Temperature has fallen over France and Denmark, risen in nearly all other places - most in our N^o districts - and readings range from 49° at Seilly to 30° over Central England. Frost was again experienced in the N. last night. Sea is rough in the SW. W. and N. Flannings. The S. Sea has been boisterous on our NW. N. and NE. coasts.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

19TH DEC^R

1880.

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.			
			Direc.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.				
Haparanda	29.80	7	Z	0	0	30.02	+ .52	-15	-15	- 24	Z	0	5	*	10	-17	—		
Hernösand	30.04	1	Z	0	0	30.06	+ .41	-2	-3	- 14	Z	0	5	*	16	-2	—		
Stockholm	30.03	12	NNE	3	0	29.83	- .06	29	28	+ 21	E	6	5	*	?	7	0.04		
Wisby	29.93	21	ESE	2	0	29.72	- .14	33	32	+ 6	SSE	2	0	*	?	18	0.08		
Bodö																			
Christiansund																			
† Skudesnaes	29.53	33	ESE	9	0	29.14	- .62	32	31	+ 2	ESE	9	0	6	34	19	—		
Oxö (Xtiansund)																			
Skagen (The Skaw)	29.71	30	ESE	8	0	29.41	- .47	37	37	+ 7	SSE	6	5	6	37	27	0.32		
Fanö	29.51	36	S	4	+	29.36	- .42	37	37	+ 9	S	5	0	*	37	28	0.08		
Cuxhaven	29.63	35	S	3	+	29.55	- .20	39	39	+ 11	SSW	3	0	*	?	27	0.44		
† Sumburgh Head																			
† Stornoway																			
Wick	29.00	36	S	9	0	28.68	- .74	38	37	+ 1	E	1	0	6	39	33	0.22		
Nairn	29.00	34	Z	0	0	28.58	- .63	37	36	+ 2	WSW	4	0	2	37	32	0.02		
† Aberdeen	28.95	38	S	4	+	28.70	- .70	36	35	0	SW	4	0	6	29	30	0.40		
Leith	29.04	38	SW	4	0	28.85	- .52	33	32	- 1	WSW	9	5	*	40	30	0.07		
† Shields	29.17	35	SSW	2	m	29.09	- .41	35	33	+ 3	SW	5	0	3	35	31	0.03		
Spurn Head	29.31	40	S	5	0	29.31	- .28	36	34	- 4	SW	5	0	4	42	34	—		
York	29.27	37	S	2	0	29.28	- .28	32	32	+ 2	SW	2	0	*	38	28	0.08		
Nottingham	29.38	41	SSW	4	c	29.42	- .15	32	31	+ 2	SW	3	0	*	41	30	0.02		
† Ardrossan	29.00	39	SW	7	0	28.92	- .36	41	40	+ 2	WSW	9	5	7	42	36	0.77		
† Mullaghmore	29.03	38	W	10	+	29.19	+ .04	38	34	- 2	W	9	0	chg	42	34	0.44		
Donaghadee	29.08	35	WSW	8	0	29.15	- .10	33	33	- 7	WSW	7	0	5	42	32	0.07		
Parsonstown	29.29	34	W	3	0	29.46	+ .15	32	32	- 6	W	2	0	*	41	30	0.18		
Barrow-in-Furness	29.23	37	SSW	6	0	29.20	- .29	37	34	+ 3	SW	8	0	cprs	41	31	0.14		
† Holyhead	29.26	41	WSW	6	c	29.35	- .04	37	37	- 3	W	6	0	5	46	35	0.06		
Liverpool (Biddon)	29.28	39	WSW	5	0	29.31	- .18	36	32	+ 5	WSW	6	0	4	40	31	0.05		
† Valentia	29.42	40	W	7	c	29.57	+ .19	40	36	- 6	W	6	0	6	48	35	0.15		
Roche's Point	29.42	40	W	5	0	29.53	+ .11	37	34	- 8	W	4	0	4	48	36	0.08		
Pembroke	29.36	47	WSW	7	0	29.45	+ .02	43	42	- 3	WSW	8	0	7	49	41	0.23		
† Scilly	29.58	49	W	8	0	29.66	+ .05	48	46	- 1	W	8	0	6	52	46	0.42		
Prawle Point	29.53	48	SW	6	c	29.61	- .05	45	42	+ 3	W	7	0	6	50	41	0.20		
Hurst Castle	29.53	48	WSW	5	0	29.57	- .08	45	43	+ 9	WSW	6	0	5	49	36	0.06		
† Dover	29.56	47	W	6	0	29.56	- .03	42	41	+ 1	W	4	0	4	52	40	0.16		
† London	29.44	45	WSW	3	0	29.53	- .28	40	37	+ 4	SW	3	0	*	46	36	0.03		
Oxford	29.46	43	SW	4	0	29.50	- .12	38	37	+ 4	S	3	0	*	45	34	0.15		
Cambridge	29.40	43	SSW	1	0	29.49	- .18	38	37	+ 3	SW	1	0	*	45	34	0.03		
† Yarmouth	29.47	40	SSW	4	0	29.45	- .12	38	36	- 2	SW	3	0	3	42	36	0.02		
The Helder	29.53	41	WSW	4	0	29.43	- .18	42	40	+ 9	WSW	5	0	3	46	32	0.04		
Capé Gris Nez																			
† Jersey	29.72	48	SW	8	+	29.72	- .04	49	48	+ 6	WSW	7	0	6	51	43	0.76		
Brest	29.79	51	WSW	8	+	29.76	- .05	52	50	+ 6	W	7	0	5	52	46	0.43		
Lorient	29.80	51	W	8	0	29.80	+ .03	52	51	+ 8	WSW	8	0	6	52	44	0.04		
† Rochefort	29.98	50	WSW	7	+	30.00	+ .14	53	50	+ 5	W	8	0	4	55	43	0.08		
Biarritz	30.10	47	W	5	+	30.44	+ .20	46	42	- 3	SSW	4	0	4	54	41	0.12		
Corunna	*	*	*	*	*	30.12	+ .07	46	*	+ 1	SE	1	0	5	*	*	*		
Brussels	*	*	*	*	*	29.62	+ .01	45	45	+ 1	SSW	5	0	*	47	42	0.20		
Charleville	29.80	44	SW	4	0	29.75	+ .09	44	43	- 1	SW	4	0	*	46	39	0.48		
Paris	29.87	45	?	?	0	29.80	+ .13	48	47	+ 1	SSE	5	0	*	*	*	0.08		
Lyons	29.99	46	WSW	7	c	30.10	+ .28	39	36	- 1	S	1	0	*	53	36	—		
Toulon	29.91	49	WSW	4	0	30.06	+ .23	44	39	- 6	NW	5	0	2	59	41	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																			
Hawes Junction	29.97	33	WSW	4	0	29.92	- .32	31	31	+ 3	W	7	0	*	34	27	0.12		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.67	32	30	ESE	8	S	4	Valentia ...	29.41	46	41	W	6	099	6
Sumburgh Head								Scilly ...	29.58	52	51	WSW	9	09	6
Stornoway ...								Dover ...	29.62	41	40	W	3	02	1
Aberdeen ...	29.23	38	35	S	8	c	6	London ...	29.57	41	38	SW	3	c	*
Shields ...	29.31	35	33	SSW	2	c	3	Yarmouth ...	29.54	39	38	WSW	2	09	3
Ardrossan ...	29.06	40	39	SSE	6	099	4	Jersey ...	29.74	47	44	SW	6	09	5
Mullaghmore ...	29.07	41	37	WSW	8	c99	7	Rochefort ...	29.95	50	45	WSW	4	0	2
Holyhead ...	29.26	46	46	SW	5	0	4								

The depression in the NW. is moving NErd. Strong S^t gales have set in on the East coast of Scotland, and SW^t gales in the NW. of Ireland. At Scilly also a strong WSW. gale is reported locally. In the E. and S. the wind is light. The S. Cone is still up in the NW., N. and NE.

EXPLANATION OF COLUMNS.

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

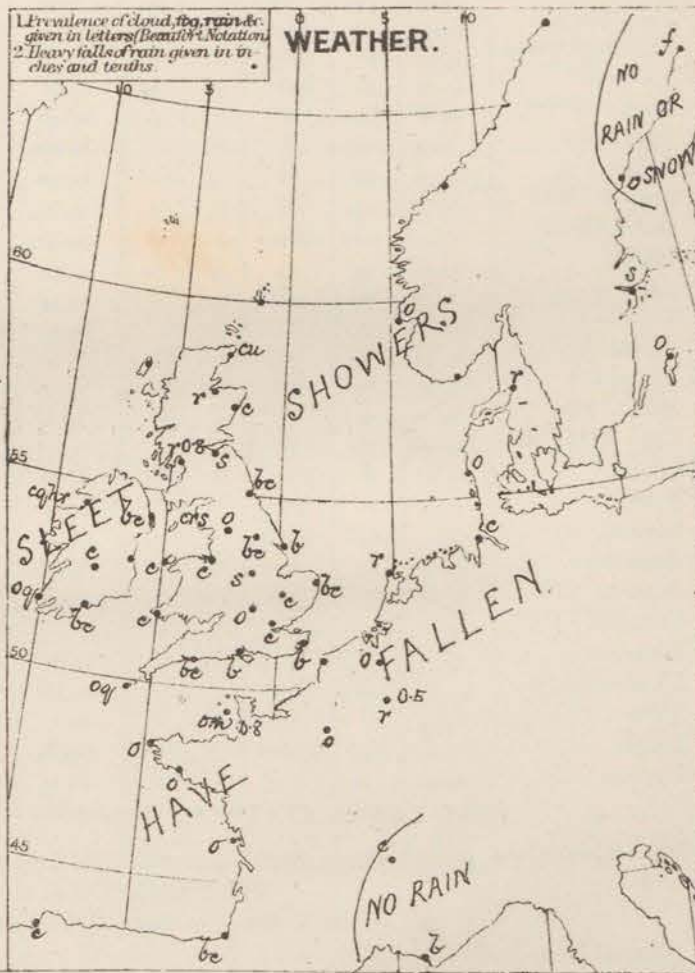
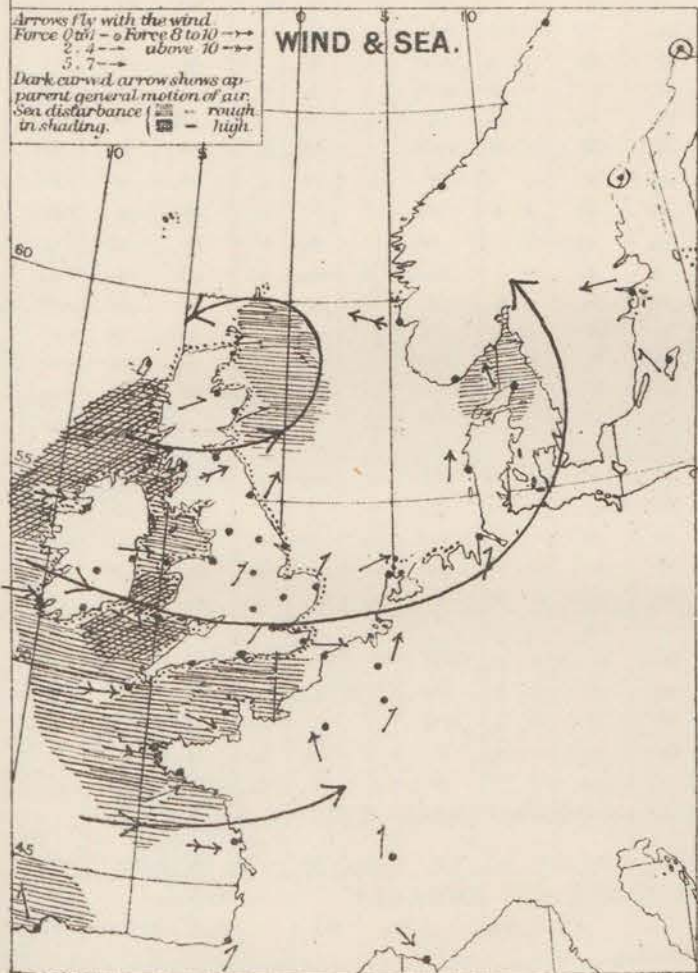
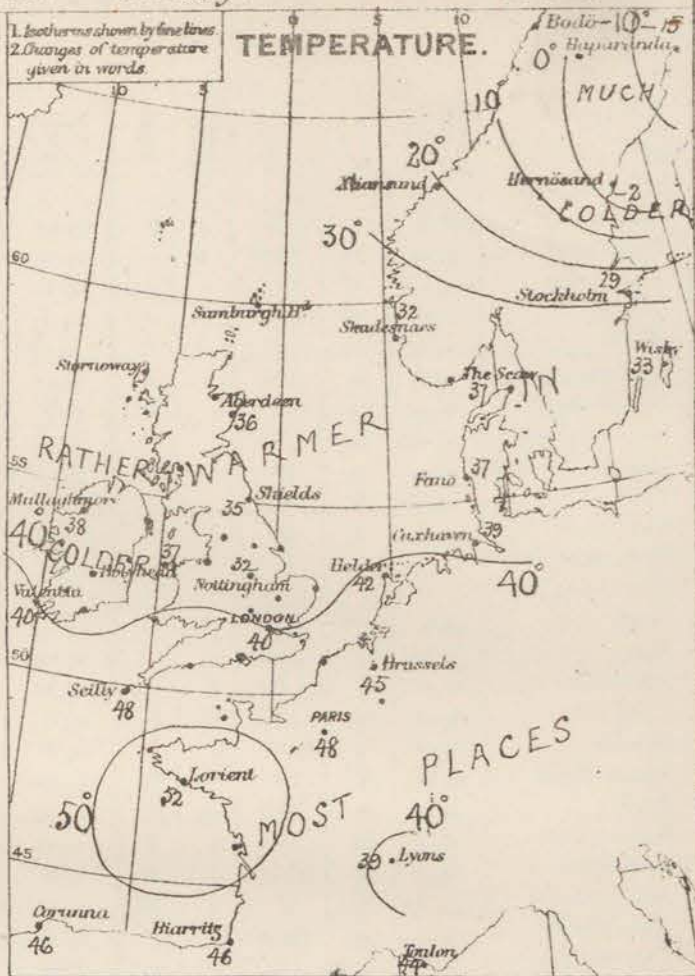
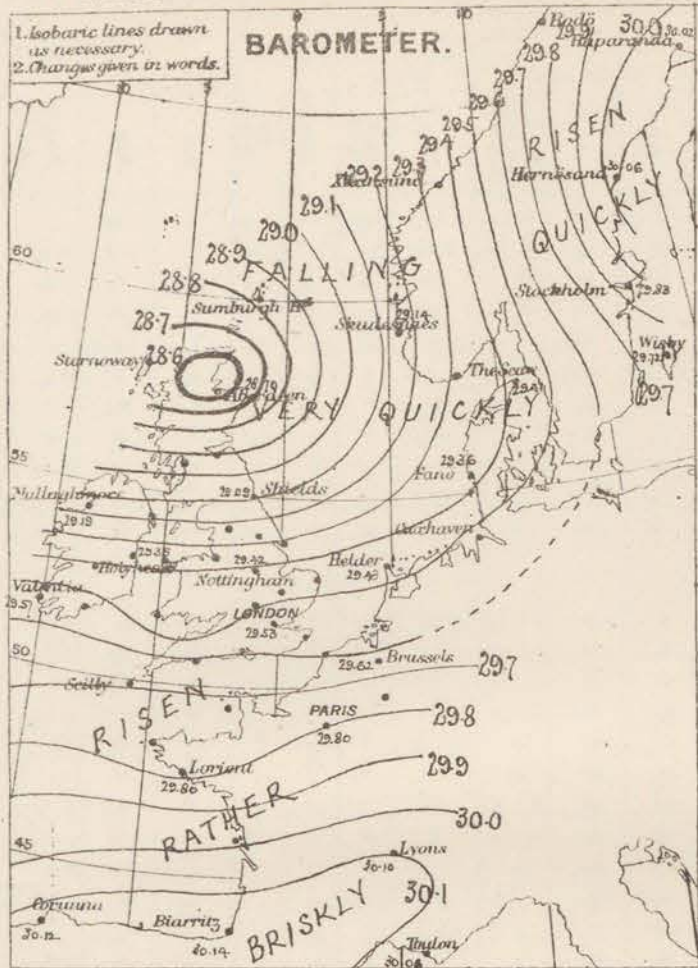
* AN ASTERISK is inserted in all places for which information is not usually received.

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

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS for 8 a.m. on Sunday 19th Dec^r 1880.



REMARKS. The depression which reached our NW coasts yesterday is moving slowly E^{across} Scotland, and the barometer is falling very quickly over that country and the North Sea, while a slight recovery has commenced at our N^W stations. The barometer is as low as 28.58 ins: at Nairn, the highest pressure being still over the S. of France. Gradients for W^{ind}s are very steep over all our N^W districts, and severe gales from that direction are blowing in nearly all places. Temperature has fallen very quickly over the Gulf of Bothnia, and slightly over our NW coasts, but elsewhere it has risen; readings range over our Islands from 32° both over Central England and Ireland to 48° at Selsey. The weather is fair at present in the E. of England, but is very rough and stormy over the greater part of our area, and showers of rain or snow have fallen very generally. The sea is very rough, except on our E coast. Warnings. The South Coast was hoisted on all coasts yesterday.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

20th DEC^r

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).				Max.	Min.	
Haparanda	29.06	7	L	0	b		29.69	-.33	7	7	+ 22	NE	4	0	*		7	-18	-
Hernösand	29.66	26	ESE	6	o		29.19	-.87	30	29	+ 32	ESE	4	5	*		3	-8	0.47
Stockholm	29.44	35	S	4	r		29.27	-.56	30	30	+ 1	SW	2	0	*		35	?	0.26
Wisby	29.52	37	S	2	r		29.37	-.35	35	34	+ 2	W	2	0	*		37	18	0.37
Bodo	29.61	42	E	4	b		29.25		24	22		E	6	0	2		?	18	-
Christiansund	29.10	34	SE	6	b		29.97		24	23		S	1	0	3		34	16	0.04
† Skudesnaes	29.94	34	SE	7	s		29.97	-.17	36	34	+ 4	NW	6	0	5		36	32	-
‡ Odo (Xiansund)	29.15	32	N	1	o		29.94		37	36		WSW	2	0	4		?	30	0.51
Skagen (The Skaw)	29.27	34	SW	4	b		29.10	-.31	36	35	- 1	SW	7	0	7		37	30	0.28
Faro	29.31	38	WSW	4	b		29.26	-.20	41	39	+ 4	WSW	6	0	*		41	36	0.12
Cuxhaven	29.48	38	SW	4	o		29.47	-.08	38	38	- 1	SW	2	0	*		39	32	0.14
† Sumburgh Head																			
† Stornoway																			
Wick	28.82	37	NW	4	o		29.27	+ .64	31	31	- 7	NW	2	0	4		38	30	0.13
Nain	28.90	37	WNW	5	o		29.29	+ .71	34	31	- 3	L	0	0	2		38	34	0.01
† Aberdeen	28.85	38	SW	3	b		29.28	+ .58	35	33	- 1	NW	1	0	3		39	33	0.01
Leith	29.02	38	W	3	b		29.31	+ .46	34	32	+ 1	W	1	0	3		39	30	0.47
† Shields	29.10	37	WSW	9	b		29.35	+ .26	35	34	0	NNW	2	0	3		39	34	-
Spurn Head	29.30	36	SW	6	b		29.42	+ .66	36	35	0	SW	3	0	2		38	35	-
York	29.30	37	SW	6	b		29.40	+ .12	34	33	+ 2	SW	1	0	*		38	30	-
Nottingham	29.46	38	SW	3	b		29.46	+ .04	31	30	- 1	L	0	0	*		37	31	0.06
† Ardrossan	29.13	39	WSW	9	ts		29.30	+ .41	41	39	0	E	1	0	0		44	34	0.48
† Mullaghmore	29.33	40	W	8	chgy		29.58	+ .19	37	36	- 1	SW	5	0	4		42	34	0.08
Donaghadee	29.27	35	WSW	7	b		29.36	+ .21	33	32	0	WSW	4	0	2		36	32	-
Parsonstown	29.48	35	L	0	o		29.30	+ .04	32	32	0	SW	1	0	*		41	30	0.13
Barrow in Furness	29.35	39	SW	7	b		29.40	+ .20	40	38	+ 3	NW	3	0	5		41	37	0.02
† Holyhead	29.42	40	WSW	5	o		29.44	+ .09	40	40	- 3	W	2	0	2		40	35	-
Liverpool (Biston)	29.41	38	WSW	5	b		29.43	+ .12	38	36	+ 2	WSW	2	0	1		39	36	-
† Valentia	29.50	40	WSW	4	og		29.53	-.04	35	35	- 5	NNE	1	0	0		43	33	0.22
Roche's Point	29.50	42	W	4	o		29.48	-.05	33	32	- 4	N	2	0	4		48	32	0.36
Pembroke	29.49	46	W	4	o		29.44	-.01	39	38	- 4	NNE	1	0	3		44	34	0.33
† Scilly	29.60	46	W	2	r		29.43	-.23	47	47	- 1	NE	4	0	6		53	44	1.15
Prawle Point	29.60	43	W	2	r		29.42	-.19	48	48	+ 3	W	1	0	4		52	40	0.82
Hurst Castle	29.61	45	WNW	3	o		29.43	-.14	40	40	- 5	NE	2	0	5		50	40	0.77
† Dover	29.61	39	W	4	b		29.44	-.12	41	40	- 1	NNE	3	0	2		45	39	0.14
London	29.59	36	S	2	o		29.48	-.08	37	36	- 3	L	0	0	*		43	36	0.48
Oxford	29.55	40	W	2	o		29.49	-.01	34	33	- 4	N	1	0	*		41	33	0.37
Cambridge	29.55	35	W	1	o		29.45	+ .01	34	34	- 4	SW	1	0	*		42	33	0.18
† Yarmouth	29.50	36	WSW	4	b		29.46	+ .01	35	35	- 3	WSW	2	0	3		40	33	0.09
The Helder	29.50	41	SW	5	o		29.48	.00	41	39	- 1	SW	3	0	2		43	36	0.08
Cape Gris Nez	29.65	46	W	8	o		29.44		45	45		N	4	0	2		50	41	0.71
† Jersey	29.65	50	WSW	6	r		29.53	-.19	53	53	+ 4	SW	8	0	6		58	47	1.22
Brest	29.68	53	WSW	9	r		29.61	-.15	54	53	+ 2	SW	9	0	8		54	52	0.59
Lorient	29.77	54	WSW	8	o		29.66	-.14	55	53	+ 3	WSW	9	0	7		?	52	0.12
† Rochefort	30.01	54	WSW	8	o		29.96	-.04	55	51	+ 2	SW	9	0	7		55	48	-
Biarritz	30.15	51	SW	4	b		30.09	-.05	49	42	+ 3	S	4	0	4		57	43	-
Corunna	*	*	*	*	*				*	*							*	*	*
Brussels	*	*	*	*	*		29.44	-.18	52	51	+ 7	SW	8	0	*		?	40	0.83
Charleville	29.75	46	SW	4	o		29.63	-.12	50	48	+ 6	SW	7	0	*		52	39	1.89
Paris	29.79	51	SW	5	r		29.71	-.09	52	50	+ 4	SW	7	0	*		*	*	0.24
Lyons	30.11	45	WNW	1	o		29.09	-.01	38	35	- 1	S	3	0	*		50	37	-
Toulon	30.15	46	NW	1	b		30.19	+ .13	45	44	+ 1	W	4	0	2		54	41	-

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.04	33	W	7	o		28.12	+ .20	33	32	+ 2	SW	2	0	*		34	30	0.02
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes							Valentia							
Sumburgh Head							Scilly							
Stornoway							Dover							
Aberdeen							London							
Shields							Yarmouth							
Ardrossan							Jersey							
Mullaghmore							Rochefort	30.00	34	51	WSW	8	0	5
Holyhead														

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (base); 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.

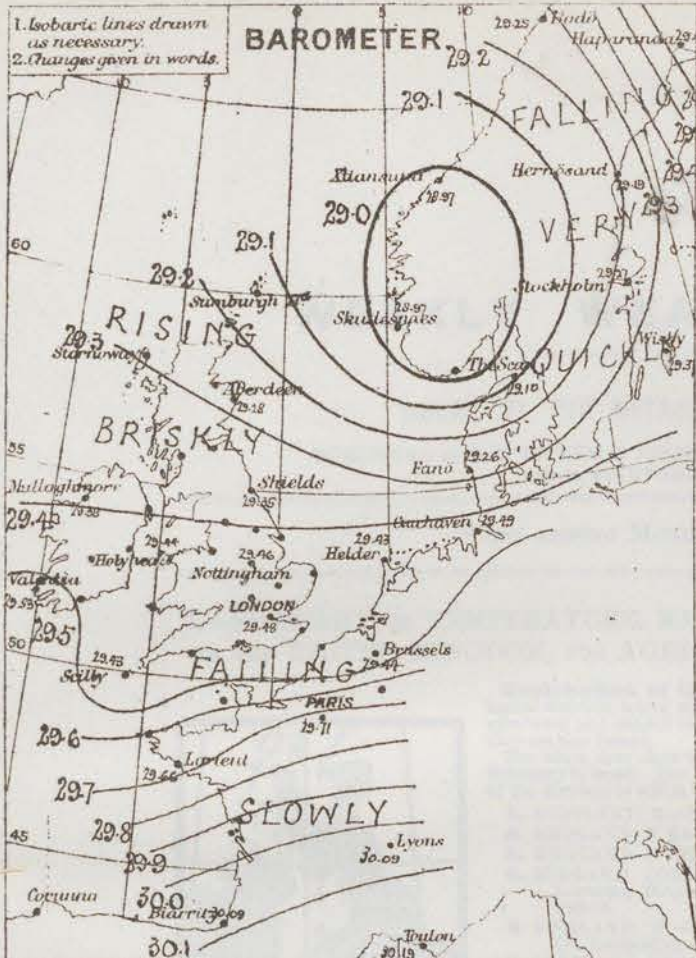
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

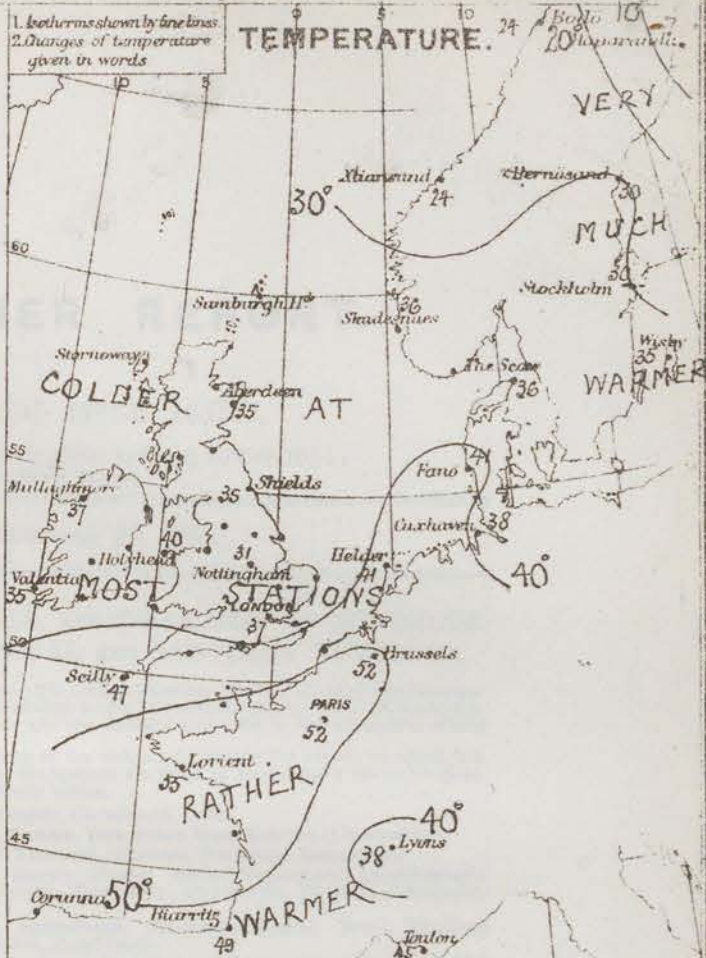
§ B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Monday 20th DEC. 1880.

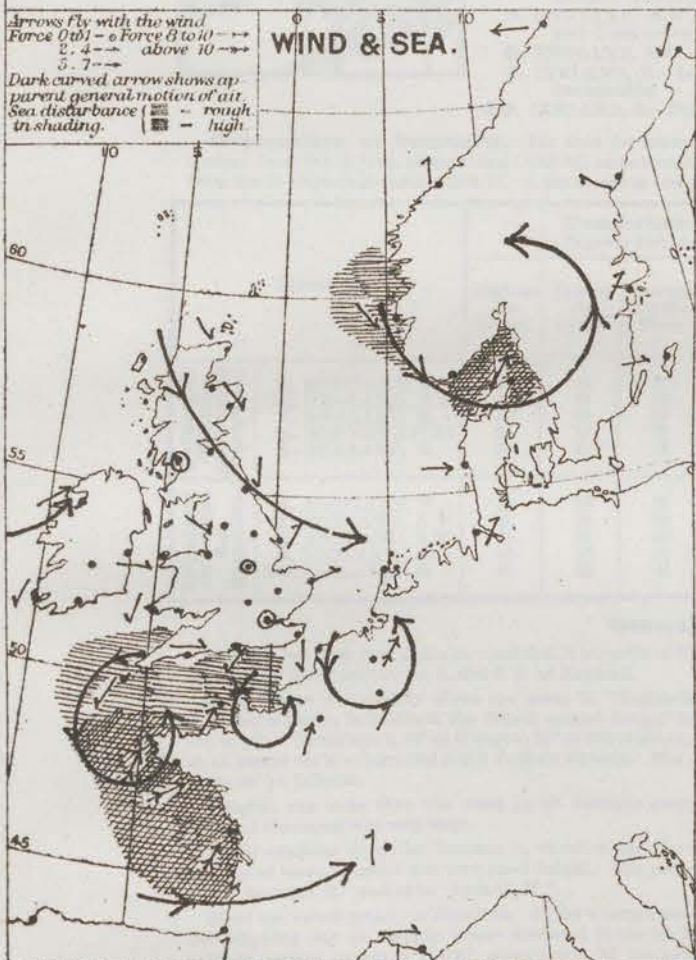
1. Isobaric lines drawn as necessary.
2. Changes given in words.



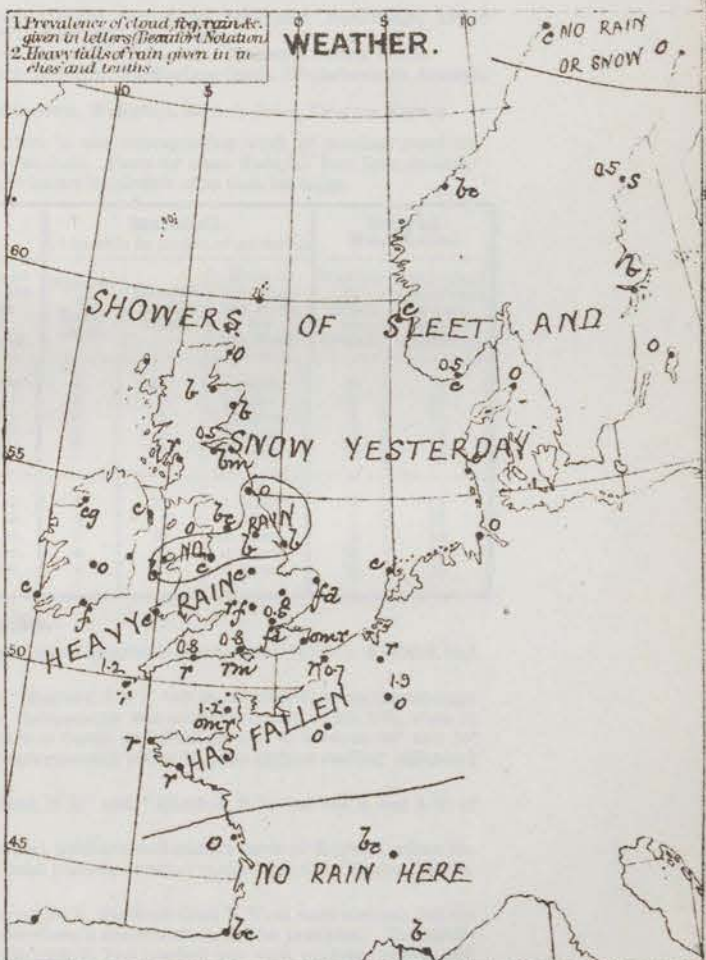
1. Isotherms shown by line lines
2. Changes of temperature given in words



- Arrows fly with the wind
 - Force 0-10 - 0 Force 8 to 10
 2. 4 - above 10
 5. 7 -
- Dark curved arrow shows apparent general motion of air
- Sea disturbance (shading) - rough in shading



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



REMARKS. The deep depression which passed across us during yesterday is shown this morning over the S. of Norway, and the barometer is falling fast over the whole of Scandinavia, while a brisk recovery has taken place over the N. parts of these Islands. Over our own S. districts, however, as well as over France the mercury is falling, and a number of small depressions lie apparently over the English Channel. The area of highest readings is still shown over the S. of France. The wind varies considerably. It is light from the N. over the N. half of the United Kingdom, and strong or fresh from W to SW. in the countries to the E. of the North Sea, but in the S. both of Ireland and England N. breezes are reported, and over France S. or SW. gales. The weather is very unsettled; it has cleared, and is fine and bright at our NE. stations, but is cloudy or dull elsewhere, with rain or fog in many places. Rain has fallen except in the NW. and NE. of England. Temperature has increased slightly over France, and very rapidly over the Gulf of Bothnia, but has decreased elsewhere. Readings range over these Islands from 48° at Pwllheli to 31° at Nottingham and Wick. Sea is very rough in the Bay of Biscay, rough in the Channel.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 21st DEC^r 1880.

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.	
			Dirac.	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.	Dirac.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.27	17	E	2	0	29.27	- .42	12	12	+ .5	E	2	0	*	18	5	0.24	
Hernösand	29.22	23	NE	2	0	29.36	+ .17	23	23	- .7	Z	0	0	*	20	21	0.04	
Stockholm	29.15	35	WSTN	6	0	29.34	+ .07	24	24	- .6	W	2	0	*	36	?	-	
Wisby	29.31	37	WSTN	6	0	29.37	.00	34	33	- .1	W	2	0	*	39	30	-	
Bodö	29.08	18	E	6	0	29.07	- .18	19	17	- .5	E	6	0	2	?	16	-	
Christiansund	29.10	33	WSTN	6	5	29.23	+ .26	28	27	+ .4	WSTN	4	0	4	34	18	-	
† Skudesnaes																		
Oxö (Xiänsund)	29.28	35	W	2	0	29.47	+ .53	31	28	- .6	NN	4	0	2	?	30	-	
Skagen (The Skaw)	29.30	39	NNN	5	0	29.43	+ .33	37	34	+ .1	NNE	2	0	0	39	32	-	
Fanö	29.40	36	W	0	0	29.49	+ .23	35	35	- .6	NNN	1	0	*	41	32	0.04	
Cuxhaven	29.46	34	SW	2	0	29.53	+ .04	38	35	0	NN	2	0	*	?	34	0.15	
† Sumburgh Head	29.46	34	N	4	0	29.63		31	28		N	5	5	5	37	26	0.01	
† Stornoway																		
Wick	29.47	36	NE	3	0	29.81	+ .54	29	28	- .2	NNN	4	5	3	37	27	0.05	
Nairn	29.45	34	ENE	2	0	29.84	+ .55	32	31	- .2	NN	3	0	2	36	31	0.08	
† Aberdeen	29.44	34	NN	1	om	29.81	+ .53	33	31	- .2	NN	3	0	2	37	31	0.26	
Leith	29.43	35	Z	0	r	29.87	+ .56	33	32	- .1	NN	1	0	*	37	31	0.07	
† Shields	29.42	38	W	2	m	29.81	+ .46	40	37	+ .5	NNE	4	0	4	40	33	0.23	
Spurn Head	29.43	39	NNN	3	0	29.70	+ .28	36	35	0	NN	4	0	4	39	35	-	
York	29.45	35	WSTN	1	0	29.88	+ .40	35	34	+ .1	NN	2	0	*	38	30	-	
Nottingham	29.52	32	Z	0	c	29.85	+ .39	33	32	+ .2	NN	2	0	*	34	29	0.06	
† Ardrossan	29.42	37	NE	1	og	29.90	+ .57	33	32	- .8	E	1	0	0	41	31	0.19	
† Mullaghmore	29.42	39	WSTN	5	ogp	29.91	+ .53	35	33	- .2	SW	2	0	3	42	33	0.24	
Donaghadee	29.45	34	SW	3	0	29.89	+ .33	40	38	+ .7	NNE	4	0	2	42	32	-	
Parsonstown	29.56	35	WSTN	1	r	29.99	+ .49	30	30	- .2	S	1	0	*	38	29	0.20	
Barrow-in-Furness	29.46	39	NN	2	0	29.88	+ .43	37	35	- .3	N	2	0	3	44	34	0.05	
† Holyhead	29.51	42	NNN	4	0	29.88	+ .44	43	43	+ .3	N	4	0	4	43	38	0.03	
Liverpool (Bilston)	29.49	39	W	3	0	29.85	+ .42	38	35	0	NNN	2	0	1	41	36	0.26	
† Valentia	29.65	43	WSTN	5	ogp	29.98	+ .45	42	40	+ .7	NN	1	0	1	49	34	0.11	
Roche's Point	29.62	40	W	4	0	29.96	+ .48	43	41	+ .10	NNN	3	0	4	45	33	0.28	
Pembroke	29.55	45	NW	4	0	29.87	+ .43	44	43	+ .5	NNN	4	0	?	46	35	-	
† Scilly	29.69	46	NW	6	c	30.00	+ .57	50	49	+ .3	NNN	8	0	6	50	44	0.22	
Prawle Point	29.62	37	NN	1	0	29.90	+ .48	44	43	- .4	NNN	4	0	4	48	36	0.49	
Hurst Castle	29.56	41	N	3	0	29.81	+ .38	38	38	- .2	NN	4	0	4	45	35	0.35	
† Dover	29.44	37	ENE	4	om	29.77	+ .33	36	35	- .5	W	4	0	3	43	35	0.48	
† London	29.30	36	NN	2	0	29.78	+ .30	35	34	- .2	NN	2	0	*	39	32	0.31	
Oxford	29.61	38	W	2	0	29.83	+ .34	35	34	+ .1	W	2	0	*	36	32	0.05	
Cambridge	29.45	35	W	0	c	29.80	+ .35	35	35	+ .1	NN	1	0	*	37	32	-	
† Yarmouth	29.46	37	WSTN	1	f	29.71	+ .25	34	34	- .1	NNN	2	0	2	38	32	0.01	
The Helder	29.43	36	SSE	1	r	29.87	+ .44	40	39	- .1	NNN	1	0	1	43	36	0.24	
Cape Gris Nez	29.44	42	NE	7	r	29.74	+ .30	41	38	- .4	NNN	7	0	0	54	39	0.88	
† Jersey	29.60	46	NN	5	ogp	29.97	+ .44	48	45	- .5	NNN	7	0	6	54	42	0.60	
Brest	29.74	45	N	7	r	30.05	+ .44	49	46	- .5	NN	5	0	5	52	?	0.85	
Lorient	29.57	52	NN	9	0	30.01	+ .35	48	45	- .7	NNN	7	0	5	55	45	0.24	
† Rochefort	29.79	54	NNN	9	r	30.12	+ .16	51	48	- .4	NNN	8	0	7	57	46	1.50	
Biarritz	29.98	54	S	7	r	30.25	+ .16	54	49	+ .5	W	5	0	4	59	45	0.51	
Corunna	*	*	*	*	*	30.28	+ .28	49	*	- .5	S	1	0	5	*	*	*	
Brussels	*	*	*	*	*	29.75	+ .31	40	38	- .12	WSTN	4	0	*	53	38	0.43	
Charleville	29.34	49	SW	7	0	29.77	+ .14	39	36	- .11	SW	4	0	*	54	39	1.68	
Paris	29.56	51	?	8	0	29.92	+ .21	48	40	- .9	S	4	0	*	*	*	0.16	
Lyons	29.91	49	S	4	0	30.06	- .03	45	41	+ .7	NNN	3	0	*	50	42	0.04	
Toulon														*				

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.20	35	SW	3	0	28.55	+ .43	31	31	- .2	ENE	1	0	*	35	29	0.09
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.19	38	37	NNW	6	ohg	6	Valentia ...	29.60	44	41	NNW	2	cp	3
Sumburgh Head								Scilly ...	29.57	47	45	NNE	6	o	6
Stornoway ...								Dover ...	29.44	42	41	ENE	2	adm	2
Aberdeen ...	29.38	35	33	NW	1	bm	3	London ...	29.45	39	37	NE	1	grs	*
Shields ...	29.39	38	37	NW	2	bc	2	Yarmouth ...	29.47	38	37	WSW	1	f	2
Ardrossan ...	29.39	40	39	NNE	1	rf	0	Jersey ...	29.44	53	53	SW	7	om	6
Mullaghmore ...	29.42	40	38	SW	5	cpq	4	Rochefort ...	29.86	55	52	SSW	9	o	7
Holyhead ...	29.47	42	41	NNW	3	c	2								

Dull rainy weather still prevails except in the NE., with rather cold N. breezes. Barometer is increasing except in London and at Jersey where a slight decrease is reported.

EXPLANATION OF COLUMNS

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (last 11 a.m. 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

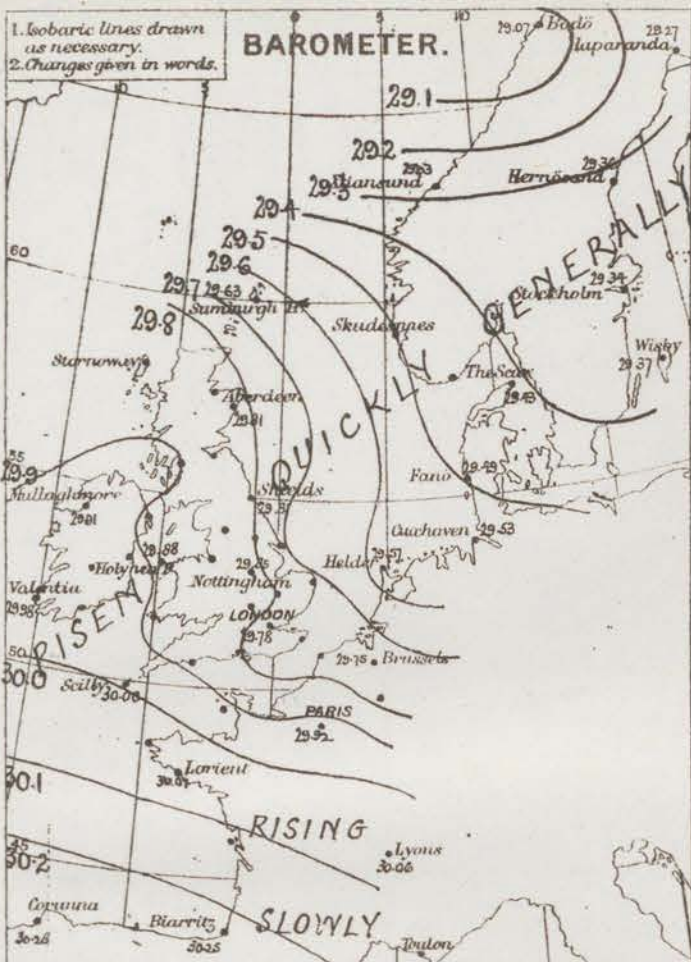
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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 Dec: 1881.

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

BAROMETER.



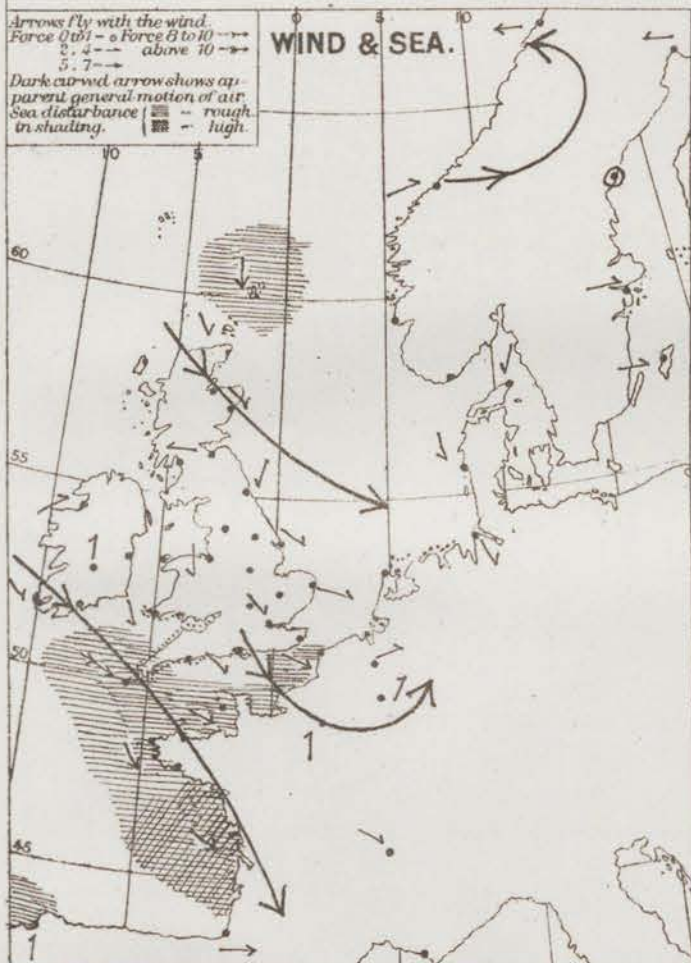
1. Isotherms shown by line lines.
2. Changes of temperature given in words.

TEMPERATURE.



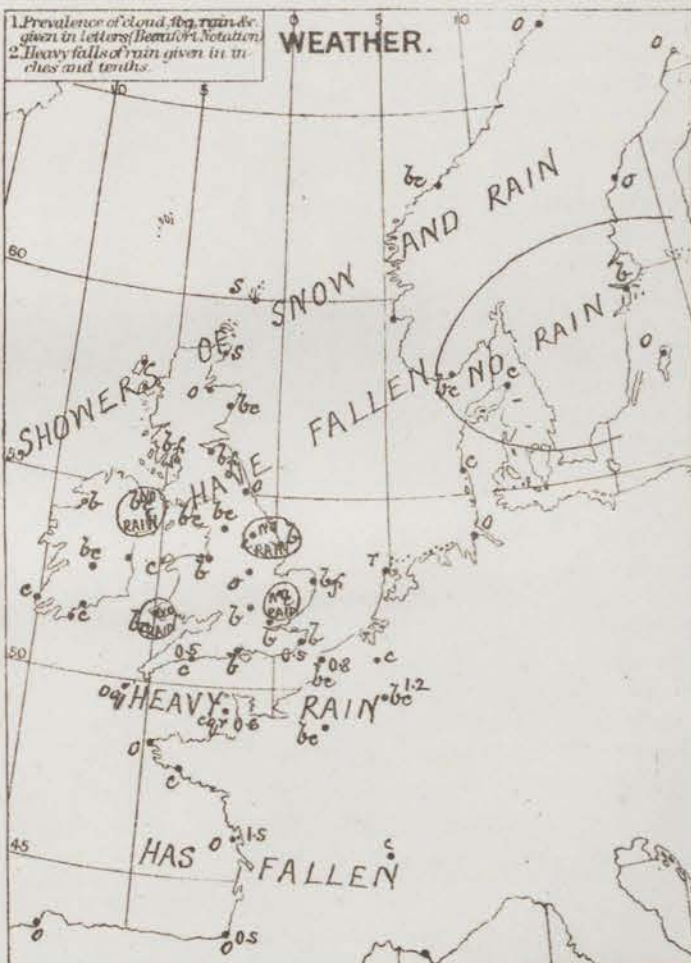
Arrows fly with the wind.
Force 0 to 1 - a Force 6 to 10 -
2 - 4 - above 10 -
5 - 7 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance: [hatched] - rough in shading. [dots] - high.

WIND & SEA.



1. Prevalence of cloud, fog, rain, &c. given in letters: B for B, C for C, D for D, E for E, F for F, G for G, H for H, I for I, J for J, K for K, L for L, M for M, N for N, O for O, P for P, Q for Q, R for R, S for S, T for T, U for U, V for V, W for W, X for X, Y for Y, Z for Z.
2. Heavy falls of rain given in inches and tenths.

WEATHER.



A dotted line has been drawn where the signals are now flying.

REMARKS. A brisk increase of pressure has occurred over the whole of Nth Europe, and the depressions noticed yesterday have moved away. The highest pressures are reported from the S. of France, and the lowest from the N. of Scandinavia, but there appear to be several small local disturbances within our area. The wind is NW to N, or nearly all our coasts, but at Mullaghmore a SW breeze is reported. The wind is light or moderate in force generally, but over the Nth half of the Channel it is strong, and at Scilly reaches the force of a gale. The weather is cloudy or dark on our SW coasts, and in the NW and W of France, while snow is falling in the N. of Scotland, but in most other places the sky is clear or moderately so. Showers have occurred in most parts of the country, while over France and the S. of England a great deal of rain has fallen. Temperatures have risen at our Nth stations, fallen elsewhere, and readings range from 50° at Scilly to 29° at Wick. The maximums yesterday were below 50° everywhere, and below 40° at our more Nth stations, while in the night slight frost was experienced over a large part of Great Britain. The sea is calm in the S. & W. at Southampton. Hazy. The South Lane is flying on our SW coasts.

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R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

22ND DEC^R

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 13).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.49	18	L	0	0	29.57	+ .30	15	15	+ 3	NE	2	0	*	16	10	—	
Hernösand	29.44	21	L	0	0	29.52	+ .16	14	14	— 9	L	0	0	*	25	?	—	
Stockholm	29.44	27	SW	2	a	29.56	+ .17	15	15	— 9	NN	2	0	*	36	?	—	
Wishy	29.40	?	N	2	0	29.49	+ .12	31	25	— 3	NNN	6	c	*	37	28	—	
Bodö																		
Christiansund	29.39	31	SW	3	s	29.48	+ .25	32	30	+ 4	WSW	6	c	4	32	19	0.24	
Skudesnaes	29.62	37	WNW	8	o	29.70		32	32		WNW	2	c	4	37	?	—	
Oxö (Xtiansund)	29.56	32	W	4	b	29.63	+ .16	30	28	— 1	W	4	b	2	32	28	—	
Skagen (The Skaw)	29.56	36	NN	0	b	29.64	+ .21	33	32	— 4	NNN	5	c	4	?	30	—	
Fanö	29.80	35	WNW	4	b	29.84	+ .35	35	34	0	W	4	c	*	37	32	0.04	
Cuxhaven	29.79	38	NNW	3	b	30.01	+ .48	37	36	— 1	WSW	4	b	*	?	34	0.04	
Sumburgh Head	29.78	31	NNW	5	c	29.67	+ .04	35	33	+ 4	N	3	b	3	38	25	0.01	
Stornoway																		
Wick	29.92	25	N	4	b	29.82	+ .01	26	26	— 3	NN	2	c	3	29	24	0.14	
Nairn	29.96	30	L	0	b	29.94	.00	28	26	— 4	L	0	b	1	33	22	—	
Aberdeen	29.95	32	W	2	om	29.86	+ .05	22	22	— 11	WSW	1	om	2	33	21	—	
Leith	29.99	37	W	1	o	29.82	— .05	32	31	— 4	SE	1	sf	*	38	30	0.05	
Shields	30.02	36	NN	2	b	29.83	+ .02	33	32	— 7	L	9	f	2	40	30	—	
Spurn Head	30.04	37	W	4	b	29.87	+ .17	35	34	— 1	SSW	4	t	3	?	33	0.04	
York	30.06	32	WNW	1	b	29.87	+ .07	32	32	— 3	S	1	s	*	38	28	0.07	
Nottingham	30.12	29	L	0	b	29.82	+ .08	35	35	+ 2	SSE	3	r	*	39	23	0.20	
Ardrossan	29.97	41	SW	2	b	29.76	— .14	32	31	— 1	ESE	3	s	2	41	31	0.05	
Mullaghmore	29.96	38	SSW	2	c	29.55	— .36	44	41	+ 6	ESE	6	rm	5	41	34	0.43	
Donaghadee	30.01	31	WSW	3	b	29.68	— .21	43	43	+ 3	S	5	t	3	43	28	0.25	
Parsonstown	30.01	25	L	0	o	29.63	— .36	51	51	+ 21	SW	3	t	*	51	29	0.39	
Barrow-in-Furness	30.05	39	S	2	o	29.78	— .05	35	34	— 2	NE	3	rg	4	43	33	0.10	
Holyhead	30.02	40	NNE	2	b	29.55	— .23	41	41	— 2	SSW	1	d	1	43	37	0.20	
Liverpool (Bulston)	30.07	37	SSW	1	b	29.71	— .14	36	36	— 2	ESE	3	t	2	40	32	0.27	
Valentia	29.87	45	ESE	6	rg	29.65	— .33	54	53	+ 12	SW	7	omg	6	55	41	0.78	
Roche's Point	29.91	48	S	6	o	29.70	— .26	53	52	+ 10	W	5	o	5	53	40	0.64	
Pembroke	30.02	45	SSW	3	b	29.71	— .16	53	52	+ 8	WSW	6	rf	3	52	41	0.44	
Scilly	30.05	48	SSE	5	r	29.87	— .11	53	53	+ 3	WSW	7	om	6	53	46	0.24	
Prawle Point	30.12	43	SSE	1	c	29.87	— .03	52	52	+ 8	SW	5	f	5	52	42	0.15	
Hurst Castle	30.13	37	L	0	b	29.86	+ .05	47	47	+ 9	SW	5	omr	5	47	34	0.24	
Dover	30.09	38	NN	3	b	30.08	+ .31	45	43	+ 4	SW	6	omr	4	45	35	0.01	
London	30.11	31	L	0	b	29.89	+ .11	40	40	+ 5	S	2	r	*	40	27	0.13	
Oxford	30.15	32	L	0	b	29.82	— .01	40	39	+ 5	SSE	3	r	*	40	30	0.20	
Cambridge	30.08	31	NN	1	b	29.91	+ .11	35	34	0	SSE	1	r	*	40	27	0.12	
Yarmouth	30.05	36	NN	2	b	29.95	+ .24	38	37	+ 4	SSW	2	og	3	41	30	0.02	
The Helder	30.04	41	NN	2	b	30.00	+ .13	41	39	+ 1	SW	4	b	1	43	37	0.20	
Cape Gris Nez	29.71	40	NNN	3	c	30.02	+ .28	38	37	— 3	S	5	o	4	50	36	—	
Jersey	30.09	44	NE	1	b	29.99	+ .02	50	50	+ 2	SW	6	omr	5	50	42	0.14	
Brest	30.16	50	WNW	3	o	30.04	— .01	43	42	+ 4	WNW	7	o	7	?	46	0.10	
Lorient	30.17	50	WNW	4	o	30.05	+ .04	44	43	+ 6	W	5	r	5	?	46	0.16	
Rochefort	30.25	51	NW	7	r	30.17	+ .05	50	49	— 1	S	7	o	4	59	46	0.08	
Biarritz	30.30	54	WNW	5	r	30.28	+ .03	57	54	+ 3	W	5	r	4	59	46	0.24	
Corunna																		
Brussels	*	*	*	*	*	30.10	+ .35	35	34	— 5	SSW	4	o	*	42	33	0.12	
Charleville	30.04	29	SW	4	b	30.18	+ .41	36	34	— 3	SW	4	o	*	45	?	0.12	
Paris	30.15	42	?	5	b	30.17	+ .25	37	35	— 6	?	4	b	*	*	*	0.12	
Lyons	30.12	44	WNW	3	a	30.28	+ .22	35	33	— 10	NN	1	b	*	46	32	—	
Toulon	30.04	48	NN	8	b	30.15	+ .09	39	36	— 9	NN	8	b	7	54	39	—	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	28.78	29	L	0	0	28.80	+ .01	31	31	0	ENE	2	0	0	0	33	23	—
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Woe.	Sea.		Bar.	Dry.	Wet.	Wind.	Woe.	Sea.		
Skudesnaes ...	29.55	35	32	NNN	8	chg	5	Valentia ...	29.99	46	45	S	3	rg	4
Sumburgh Head	29.71	31	28	N	5	c	5	Scilly ...	30.09	50	49	NN	2	0	5
Stornoway ...								Dover ...	29.92	43	42	NN	4	0	2
Aberdeen ...	29.91	32	30	NN	2	0	2	London ...	29.98	40	37	NNN	1	0	*
Shields ...	29.94	38	35	NN	3	0	3	Yarmouth ...	29.89	40	38	NN	2	0e	2
Ardrossan ...	29.96	40	39	SW	2	c	3	Jersey ...	30.09	50	47	NNN	6	c	6
Mullaghmore ...	29.98	38	36	SW	3	cm	3	Rochefort ...	30.19	51	49	NNN	7	0	4
Holyhead ...	30.00	42	41	NNE	2	0	2								

Pressure has begun to decrease again at Valentia, but the change has not extended to any other part of our coast. The wind has backed to SW. in Ireland with cloudy weather and rain, while NN^W breeze and fair weather prevail elsewhere.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark; and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

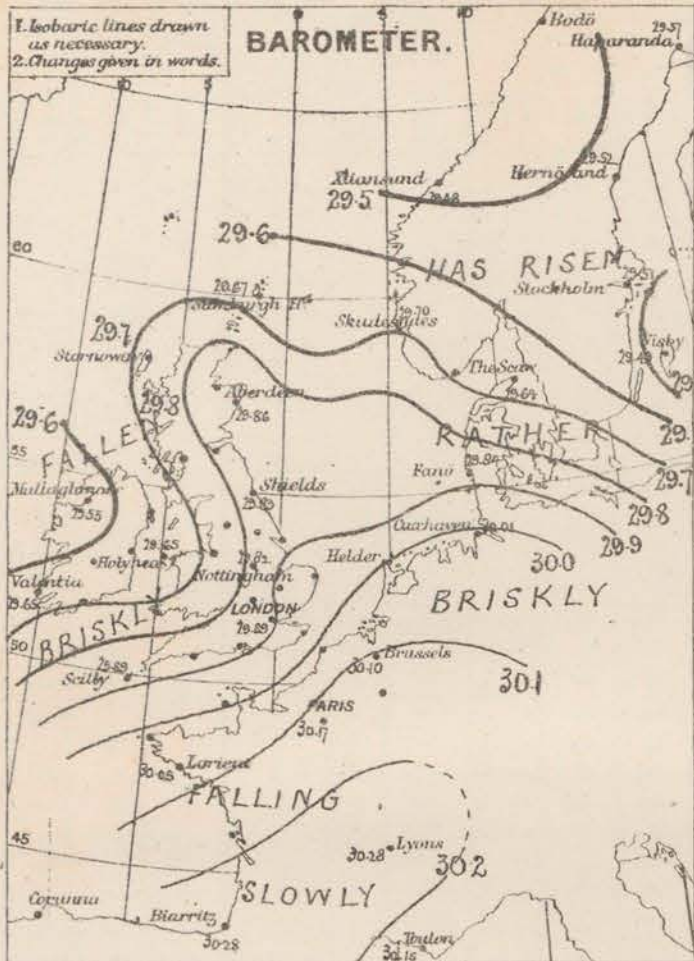
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

NOTE.—The Daily Weather Report for Dec^r 25th (X-Mas day), will not be issued until Tuesday, 28th Inst.

WEATHER CHARTS for 8 a.m. on Wednesday 22nd DEC: 1880.

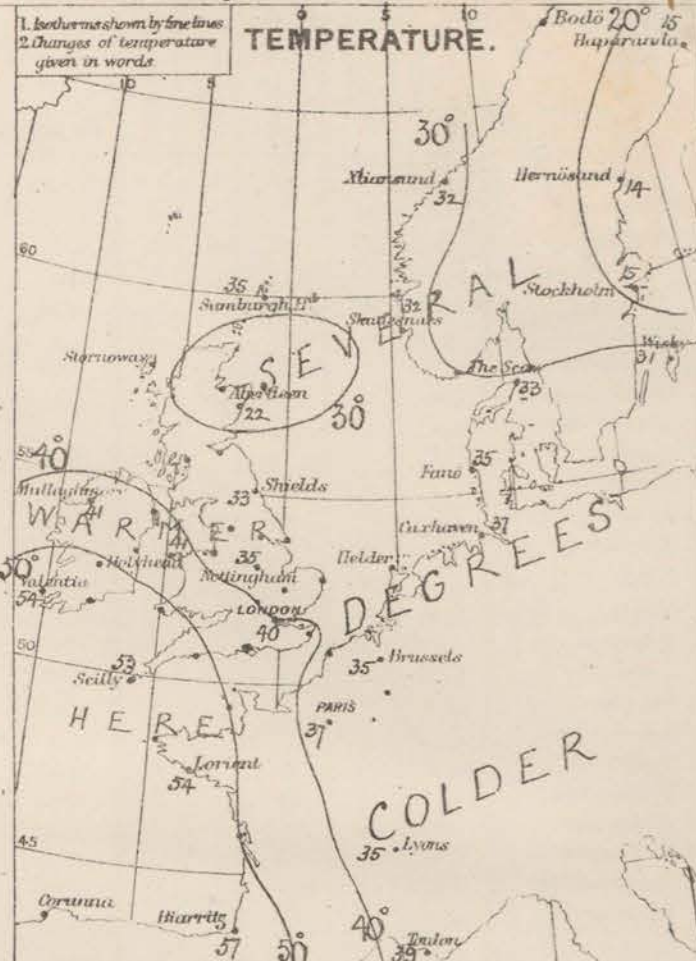
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



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

TEMPERATURE.



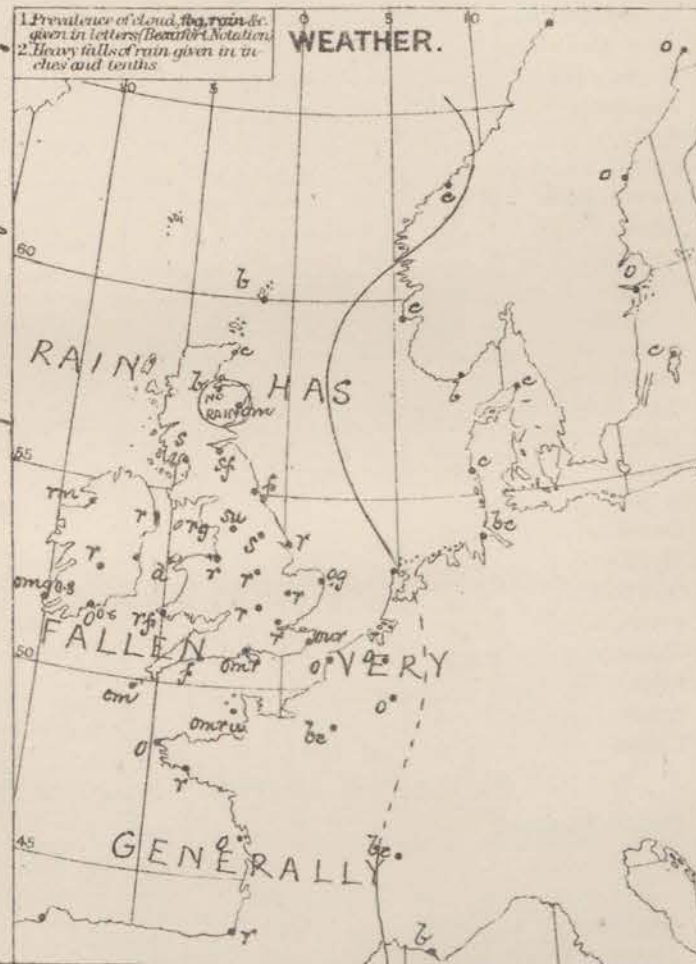
Arrows fly with the wind.
Force 0 to 10 — Force 8 to 10 —
2, 4, 6, 8, 10 — above 10 —
Dark curved arrows show apparent general motion of air.
Sea disturbance (rough in shading) — high.

WIND & SEA.



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

WEATHER.



A dotted line has been drawn round those parts upon which the signals are run up.

REMARKS.

Exceedingly unsettled weather prevails over the whole of N^o Europe. In the Shetlands and at Rann the sky is temporarily clear, but in nearly all other places the weather is overcast and very wet; snow is falling at York, Aberdeen and Leith. Rain has fallen during the past 24 hours at all except a few of our extreme NE^o stations, the amounts measured in the S. of Ireland exceeding half an inch. The wind is N^o to SW^o over France, and the S^o parts of the United Kingdom, but draws into S. and SE. in our more N^o districts, while over the countries to the E^o of the North Sea W^o winds are reported. On our S. coasts the wind blows strongly. Temperature has risen fast in the S. and SW^o, but has fallen several degrees both in the E. and S. of France, and at our N^o and NE^o stations; readings range from 54° at Valentia to 35° at Lyons and 22° at Aberdeen. Sharp frost was experienced in the E. and N. last night, in London the thermometer fell to 27° in the shade, and 18° on the grass, but during the morning the thermometer has risen fast to 40°. A large depression is advancing to our W. coasts, and the barometer is falling fast, except in the SE. of France and over Scandinavia. Sea is rough in the N.

Damage to the S. home is flying in the SE^o, S^o and SW^o coasts.
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book post 6/-

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

23rd DEC^r

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 13).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 13).			Max.	Min.	
Haparanda ...	29.43	16	NE	2	0	29.43	-14	13	13	-2	X	0	0	*	18	5	-
Hernösand ...	29.42	23	X	0	0	29.62	+10	10	9	-4	NNE	2	0	*	27	5	0.04
Stockholm ...	29.69	14	W	2	0	29.69	+18	13	13	-2	SW	2	0	*	30	10	-
Wisby ...	29.68	30	W	2	0	29.69	+20	23	22	-8	SSW	2	0	*	32	25	-
Bodö ...	29.81	21	E	4	0	29.80	-23	21			NE	2	0	*	23	18	-
Christiansund...	29.84	31	NNW	7	3	29.82	+04	30	30	-2	NNW	3	0	*	32	21	0.04
† Skudesnaes ...																	
Oxö (Xtiansund) ...	29.73	26	NNE	1	0	29.52	-11	29	28	-1	NE	4	0	*	30	19	-
Skagen (The Skaw)	29.76	31	NNW	2	0	29.58	-06	33	32	0	S	3	0	*	34	25	-
Fanö ...																	28.75
Cuxhaven ...	29.89	37	WSW	2	0	29.34	+67	36	36	-1	SSE	3	0	*	32	32	0.49
† Sumburgh Head	29.67	35	NE	3	+	29.39	-28	38	35	+3	ENE	5	0	*	38	32	0.06
† Stornoway ...	29.51	35	E	5	0	29.05	-74	37	37	+2	E	7	+	0	37	30	0.70
Wick ...	29.63	35	SE	2	0	29.26	-56	37	36	+11	ESE	9	+	0	37	25	0.18
Nairn ...	29.56	30	E	2	0	29.18	-66	36	35	+8	E	2	0	*	36	25	0.23
† Aberdeen ...	29.60	27	X	0	sm	29.23	-63	40	39	+18	SE	3	0	*	40	21	0.57
Leith ...	29.57	35	SE	2	+	29.21	-61	36	33	+4	E	1	0	*	37	31	0.39
† Shields ...	29.58	37	S	2	+	29.30	-53	42	41	+9	W	2	0	*	42	33	0.49
Spurn Head ...	29.47	40	S	4	+	29.37	-50	45	43	+10	W	4	0	*	50	34	0.40
York ...	29.60	36	SE	1	+	29.40	-47	43	41	+11	W	1	0	*	45	32	0.60
Nottingham ...	29.58	41	SW	1	+	29.50	-32	45	44	+10	SW	3	0	*	52	34	0.40
† Ardrossan ...	29.46	34	NE	3	0	29.23	-53	46	45	+14	SW	4	0	*	46	31	0.87
† Mullaghmore ...	29.31	31	SW	5	ogm	29.26	-29	48	47	+7	SW	5	ogmp	4	51	40	0.96
Donaghadee ...	29.39	45	SSE	4	+	29.31	-37	44	44	+1	WSW	4	0	*	50	41	0.75
Parsonstown ...	29.40	53	SW	2	+	29.38	-25	45	44	-6	SSE	1	0	*	53	44	0.20
Barrow-in-Furness	29.34	37	NE	3	+	29.34	-44	47	47	+12	NNE	4	0	*	47	34	1.10
† Holyhead ...	29.51	30	SW	5	+	29.43	-22	48	47	+7	SW	3	0	*	50	41	0.80
Liverpool (Bidston)	29.49	30	SW	4	0	29.43	-28	47	44	+11	SW	2	0	*	51	36	0.93
† Valentia ...	29.47	34	SW	6	og	29.34	-31	48	47	-6	SSW	7	0	*	55	47	0.30
Roche's Point...	29.44	30	WSW	6	+	29.46	-24	51	50	-2	SW	5	0	*	55	49	0.26
Pembroke ...	29.60	32	WSW	7	0	29.51	-20	51	50	-1	SW	6	0	*	52	50	0.20
† Scilly ...	29.77	34	SW	8	ow	29.65	-24	52	50	-1	SW	6	0	*	55	51	0.17
Prawle Point ...	29.79	32	SSW	6	m	29.66	-21	51	51	-1	SW	5	0	*	52	49	0.02
Hurst Castle ...	29.79	30	NNW	6	0	29.65	-21	49	49	+2	W	5	0	*	51	44	0.11
† Dover ...	29.70	49	WSW	4	0	29.61	-37	50	49	+5	W	3	0	*	52	43	0.76
† London ...	29.71	51	SW	4	0	29.58	-31	50	48	+10	SW	4	0	*	54	40	0.45
Oxford ...	29.68	52	SW	6	0	29.55	-24	49	48	+9	W	2	0	*	53	39	0.37
Cambridge ...	29.65	50	S	1	+	29.50	-41	50	48	+5	W	2	0	*	55	34	0.26
† Yarmouth ...	29.64	42	SW	1	odf	29.46	-49	48	47	+10	WSW	5	0	*	51	36	0.26
The Helder ...	29.66	37	SSE	1	+	29.33	-67	48	45	+7	SW	5	0	*	48	26	0.32
Cape Gris Nez	29.93	31	WSW	8	0	29.80	-22	51	50	+13	WSW	7	0	*	52	37	0.63
† Jersey ...	29.93	34	SW	7	ca	29.79	-20	52	51	+2	WSW	5	0	*	54	49	0.04
Brest ...	29.84	34	WSW	4	0	29.80	-24	53	53	0	WSW	5	0	*	52	52	0.08
Lorient ...	30.02	35	WSW	7	+	29.83	-22	55	54	+1	WSW	8	+	*	57	52	0.52
† Rochefort ...	30.17	34	W	7	0	30.06	-11	55	54	+5	SW	8	0	*	55	46	-
Biarritz ...	30.29	35	SSW	4	0	30.17	-11	50	45	-7	S	3	0	*	50	45	-
† Corunna ...	*	*	*	*	*	30.11	-16	57	*	?	SW	4	0	*	*	*	*
Brussels ...	*	*	*	*	*	29.64	-46	52	51	+17	?	7	+	*	?	?	0.31
Charleville ...	29.93	41	S	4	+	29.80	-38	?	48	?	S	4	+	*	?	?	0.63
Paris ...	29.99	30	?	3	0	29.86	-33	54	52	+17	SW	5	+	*	*	*	0.08
Lyons ...	30.23	41	S	1	0	30.18	-10	42	39	+7	S	1	0	*	43	?	-
Toulon ...	30.15	46	NNW	7	0	29.75	-40	45	45	+9	NNW	7	0	*	52	39	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.51	32	E	4	sm	28.13	-43	42	41	+11	WSW	7	0	*	44	28	2.12

NOTE. The daily weather report for Dec 20th (St. Marys day) will not be issued until Wednesday.

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.31	32	E	4	rm	28.13	-43	42	41	+11	WSW	7	0	44	28	2.12
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wca.	Sea.		Bar.	Dry.	Wet.	Wind.		Wca.	Sea.
Skudesnaes ...	28.68	36	32	S	2	0	4	Valentia ...	29.61	53	52	SSW	6	omg	6
Sumburgh Head	29.67	36	33	NNE	2	0	3	Scilly ...	29.87	55	55	SW	8	cm	6
Stornoway ...	29.68	35	34	E		0	3	Dover ...	29.79	48	46	SW	6	or	4
Aberdeen ...	29.75	27	26	WSW	1	0	1	London ...	29.70	50	49	SW	2	omg	4
Shields ...	29.71	36	35	E	0	0	2	Yarmouth ...	29.77	41	40	S	4	or	4
Ardrossan ...	29.68	33	31	ESE	2	sf	1	Jersey ...	29.97	53	52	WSW	7	om	6
Mullaghmore ...	29.46	48	48	NNW	1	rgm	2	Rochefort ...	30.17	55	54	W	7	0	2
Holyhead ...	29.60	50	50	SW	3	d	2								

Pressure is decreasing everywhere. A fair depression appears to be approaching Ireland, while the small anticyclonic disturbance over England seems to be getting deeper. Continuous rain falls over the S of England. The wind is SW generally, and temperature ranges from 55° at Scilly to 27° at Aberdeen.

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 (haze); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

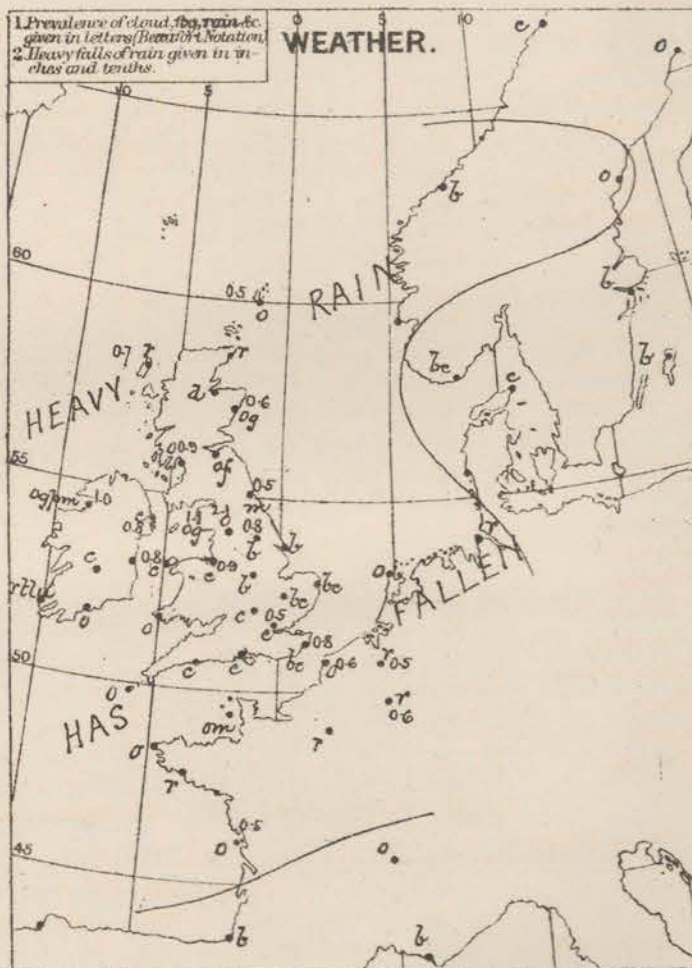
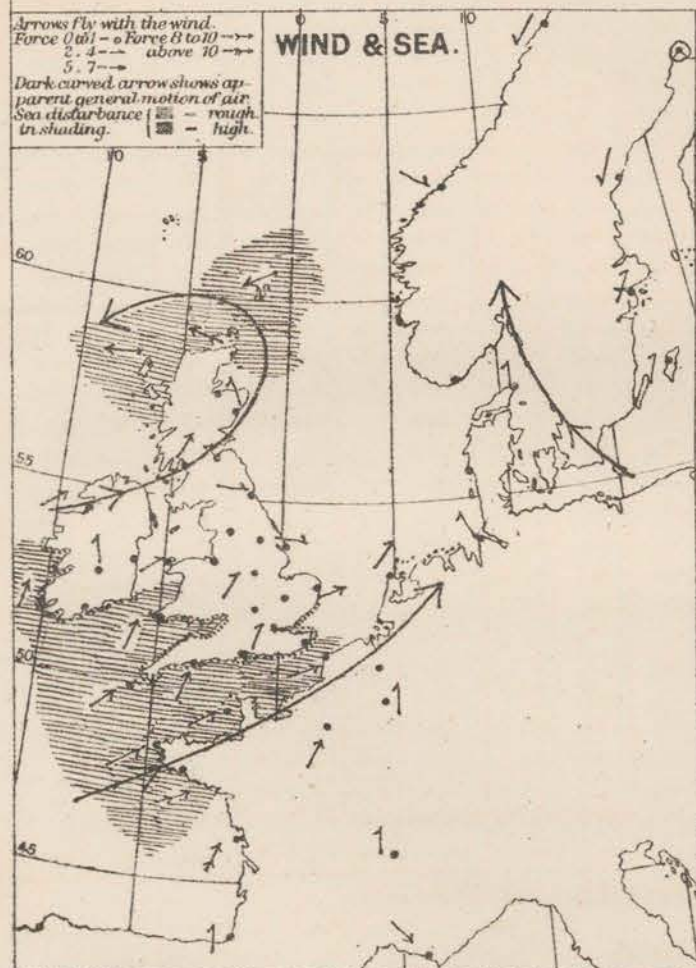
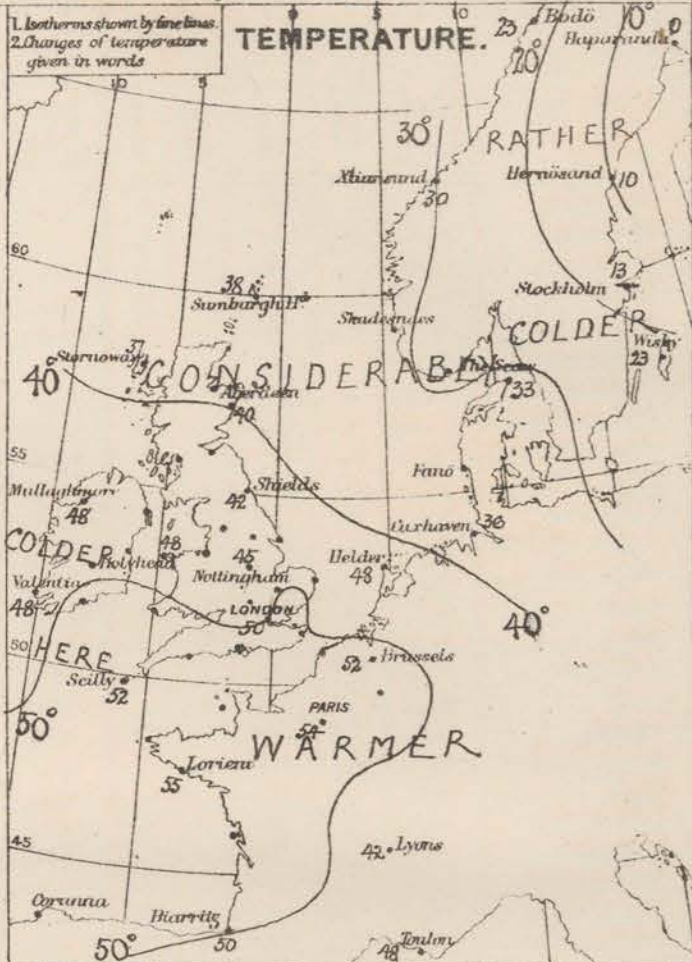
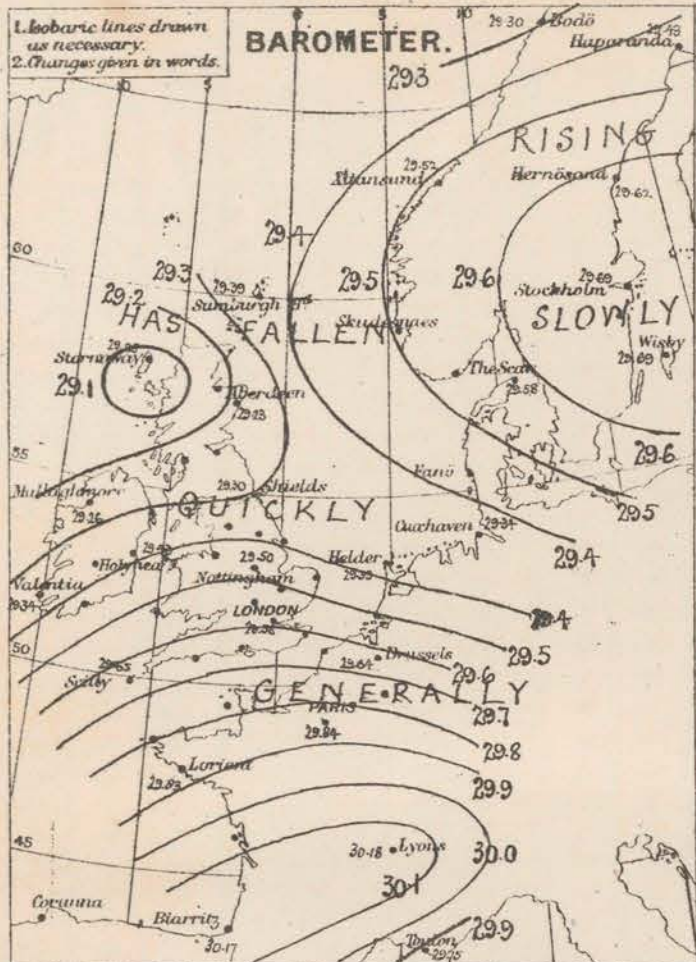
* AN ASTERISK is inserted in all places for which information is not usually received.

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

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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 DEC^r 1880.



REMARKS. The depression which was approaching on W. coast yesterday afternoon has since travelled slowly N^W and is now shown over Scotland. It has occasioned a brisk fall of the barometer over the whole of these Islands and at Valentia there appears to be a new disturbance approaching. The winds blow from S and SW over France, Ireland and England, but from S. and E. over Scotland. In the S. of Ireland a slight gale is reported, and over the Channel, the wind blows strongly, but elsewhere it is generally moderate. Temperature has fallen somewhat on our SW. coasts, and over Scandinavia, but has risen elsewhere, the change on our NE. and E. coasts, being very considerable; readings range from 52° in the SW. to 36° at Leith, and Drinn. The maxima were between 50° and 55°, except in the N, where they were below 40°. The weather has cleared, and is fine and bright in the E. of England, but is dull elsewhere, with rain, thunder and lightning at Valentia. Heavy rain has fallen generally. The sea is rough in the SW. and N.

Warnings. The South Coast is flying on our SE^W, S^W, and SW^W coasts.

Subscription for these charts payable in advance to cover delivery. Delivery by hand 10/- per quarter. Book post 6/-

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 24th DEC^r 1880.

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 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 15).			Max.	Min.				
Haparanda	29.56	-8	W	2	b	29.63	+ 20	10	10	- 3	SW	2	0	*	12	-8	-			
Hernösand	29.59	13	N	2	o	29.60	- 02	14	14	+ 4	NNE	2	0	*	25	?	-			
Stockholm	29.50	16	NE	2	b	29.50	- 19	22	21	+ 9	NNE	2	0	*	?	10	-			
Wisby	29.47	31	NNE	4	b	29.44	- 15	32	32	+ 9	E	2	0	*	32	18	-			
Bodö	29.32	22	NE	4	bc	29.36	+ 06	21	19	- 2	NE	6	6	3	23	19	-			
Christiansund	29.45	29	SW	2	b	29.37	- 15	22	22	- 8	ESE	2	6	3	30	14	0.12			
† Skudesnaes	29.44	33	ESE	4	bc	29.21		29	29		ENE	6	5	4	35	?	-			
Oxö (Klansund)	29.47	28	N	4	b	29.30	- 22	27	26	- 2	NNE	6	5	4	?	23	-			
Skagen (The Skaw)	29.45	31	E	5	o	29.36	- 22	33	31	0	ESE	5	0	5	34	23	-			
Fanö	29.43	31	S	2	o	29.11	- 15	34	33	+ 1	ESF	6	5	*	34	30	0.04			
† Cuxhaven	29.41	44	W	5	r	29.24	- 10	45	45	+ 9	S	1	0	*	45	34	0.19			
† Sumburgh Head	29.38	35	ENE	5	r	29.21	- 18	34	33	- 4	NE	4	2	4	39	31	0.05			
† Stornoway	29.13	39	E	8	r	29.29	+ 24	30	30	- 7	NNE	7	5	7	39	30	0.00			
Wick	29.20	40	ESE	9	r	29.16	- 10	38	37	+ 1	NNW	2	0	4	40	35	0.78			
Nairn	29.12	35	E	1	r	29.00	- 18	39	37	+ 3	NTW	6	0	4	39	35	0.42			
† Aberdeen	29.14	37	W	0	m	28.83	- 40	38	38	- 2	N	6	rm	5	42	34	0.54			
Leith	29.12	46	E	1	r	28.99	- 22	39	38	+ 3	NNW	1	0	*	48	35	0.35			
† Shields	29.20	44	SW	2	r	28.97	- 23	41	40	- 1	NNW	2	0	0	48	40	0.08			
Spurn Head	29.31	44	SSE	4	o	29.00	- 37	44	43	- 1	SW	4	c	3	47	42	0.07			
York	29.29	47	SSW	1	o	29.02	- 38	45	44	+ 2	W	1	r	*	48	42	0.25			
Nottingham	29.30	49	SSW	3	c	29.13	- 37	43	42	- 2	SW	2	bc	*	51	40	0.15			
† Ardrossan	29.08	46	SW	2	rm	29.05	- 18	41	40	- 5	NNW	3	0	2	48	40	0.40			
† Mullaghmore	29.07	46	SW	4	c	29.30	+ 04	42	40	- 6	N	7	cgap	5	49	38	0.19			
Donaghadee	29.08	46	S	4	r	29.10	- 21	42	41	- 2	NNW	5	c	3	48	41	0.09			
Parsonstown	29.13	44	W	0	b	29.32	- 06	42	41	- 3	NNW	5	0	*	50	38	0.12			
Barrow-in-Furness	29.20	45	SW	4	r	29.05	- 29	40	44	- 2	NNW	4	0	5	48	43	0.18			
† Holyhead	29.15	49	SSW	3	r	29.12	- 31	46	44	- 2	NNW	4	c	3	51	45	0.20			
Liverpool (Biston)	29.19	47	S	2	r	29.08	- 35	44	44	- 3	W	3	0	2	52	44	0.56			
† Valentia	29.10	50	S	5	cp	29.40	+ 06	47	44	- 1	NNW	4	bc	4	52	44	0.44			
Roche's Point	29.17	52	WSW	4	c	29.32	- 14	46	44	- 5	NNW	5	c	4	53	44	0.48			
Pembroke	29.19	50	SSW	6	o	29.18	- 33	45	45	- 6	NNW	5	c	4	51	?	0.76			
† Scilly	29.24	50	SW	8	o	29.38	- 27	51	51	- 1	NNW	9	0	7	54	45	0.62			
Prawle Point	29.39	51	SSW	5	m	29.24	- 42	48	48	- 3	NNW	5	c	5	52	46	0.12			
Hurst Castle	29.44	50	WSW	6	bm	29.19	- 46	48	48	- 1	NNW	5	cp	5	51	47	0.16			
† Dover	29.51	50	WSW	3	bc	29.18	- 43	48	47	- 2	W	4	bu	3	51	47	0.24			
† London	29.43	50	SW	2	o	29.18	- 40	46	45	- 4	SW	3	r	*	54	46	0.02			
Oxford	29.29	49	SW	7	o	29.16	- 42	44	44	- 5	WSW	2	cl	*	53	44	0.03			
Cambridge	29.41	49	SW	1	o	29.12	- 38	44	43	- 6	SW	1	b	*	52	44	0.18			
† Yarmouth	29.46	47	SSW	1	cm	29.11	- 35	45	44	- 3	SW	3	cm	3	50	44	0.12			
The Helder	29.45	45	WSW	2	c	29.11	- 22	46	45	- 2	SSW	4	c	3	48	45	0.08			
Cape Gris Nez	29.54	49	SW	7	o	?	?	46	46	- 5	SW	7	o	5	50	46	0.39			
† Jersey	29.55	50	WSW	5	bcg	29.33	- 46	50	48	- 2	W	8	bcg	6	53	47	0.56			
Brest	29.52	53	SW	7	r	29.49	- 31	51	50	- 2	W	7	r	7	54	46	0.32			
Lorient	29.63	54	WSW	9	r	29.48	- 35	51	49	- 4	NNW	9	r	8	54	45	0.95			
† Rochefort	29.90	54	SSW	8	o	29.71	- 35	53	50	- 2	W	11	r	7	57	46	0.32			
Biarritz	29.95	59	SSW	7	c	29.90	- 27	57	57	+ 7	NNW	5	c	4	61	45	0.08			
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
Brussels	*	*	*	*	*	29.29	- 35	49	47	- 3	SW	5	o	*	53	45	0.16			
Charleville	29.69	34	SW	4	o	29.45	- 35	49	46	?	SW	5	o	*	?	?	0.55			
Paris	29.72	55	?	4	c	29.43	- 41	50	49	- 4	SW	5	r	*	*	*	0.20			
Lyons	30.01	48	SSE	1	c	29.80	- 38	45	43	+ 3	S	4	o	*	50	42	-			
Toulon	30.05	50	NNW	7	b	29.95	+ 20	49	47	+ 1	W	0	o	5	54	45	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.00	44	SSW	4	rw	29.79	- 44	40	40	- 2	WSW	4	o	*	45	40	0.65			

NOTE. The Daily Weather Report for December 25th (St. Martin's Day) will not be issued until Tuesday, 26th Inst.

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.00	44	SSW	4	rw	27.79	-44	40	40	-2	WSW	4	0	45	40	0.65			
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...							Valentia	29.26	41	49	E	5	om	5	
Sumburgh Head	29.40	38	35	ENE	5	o	5	Scilly	29.52	54	54	SW	6	om	6
Stornoway ...	29.11	39	39	ENE	7	r	6	Dover ...	29.61	50	49	SW	4	bc	3
Aberdeen ...	29.20	41	40	SSE	3	r	4	London	29.57	54	51	SSW	3	bc	*
Shields ...	29.30	46	44	WSW	2	c	2	Yarmouth ...	29.62	50	48	WSW	3	b	3
Ardrossan ...	29.21	48	47	SW	4	c	3	Jersey ...	29.75	53	52	SSW	4	ogp	4
Mullaghmore ...	29.18	49	48	SW	5	cgm	4	Rochefort ...	29.97	55	53	SW	8	o	4
Holyhead ...	29.34	50	49	SSW	4	dm	3								

Because continues to give way at almost all stations, and the wind is still SW^t except in the extreme N. The weather is dull, unsettled and rainy except in the SE. of England, where it is fine.

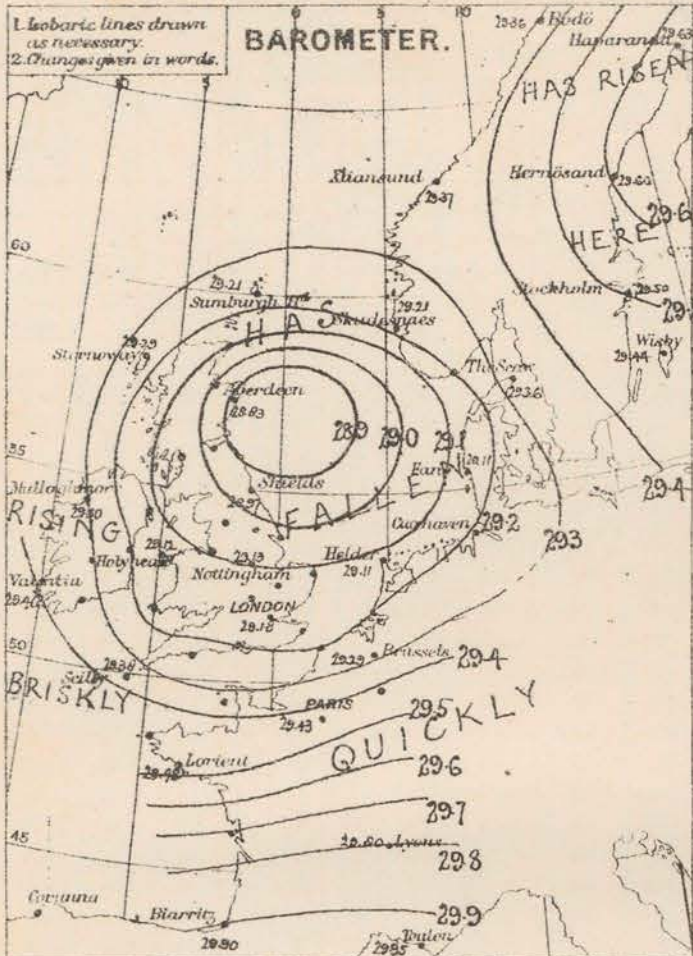
EXPLANATION OF COLUMNS

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (mist); 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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 24th DEC: 1880.

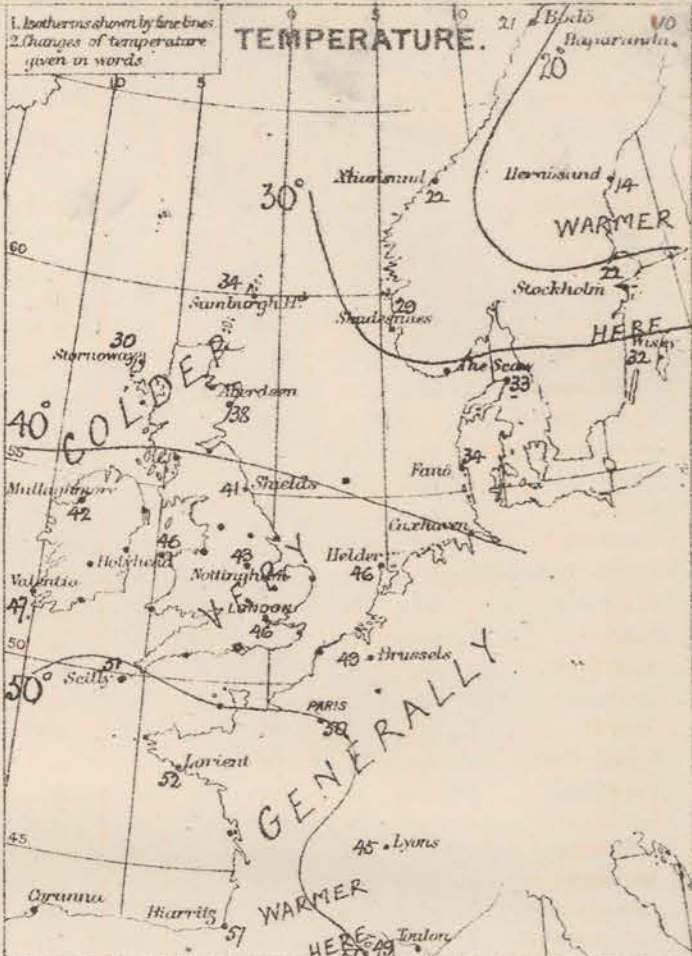
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



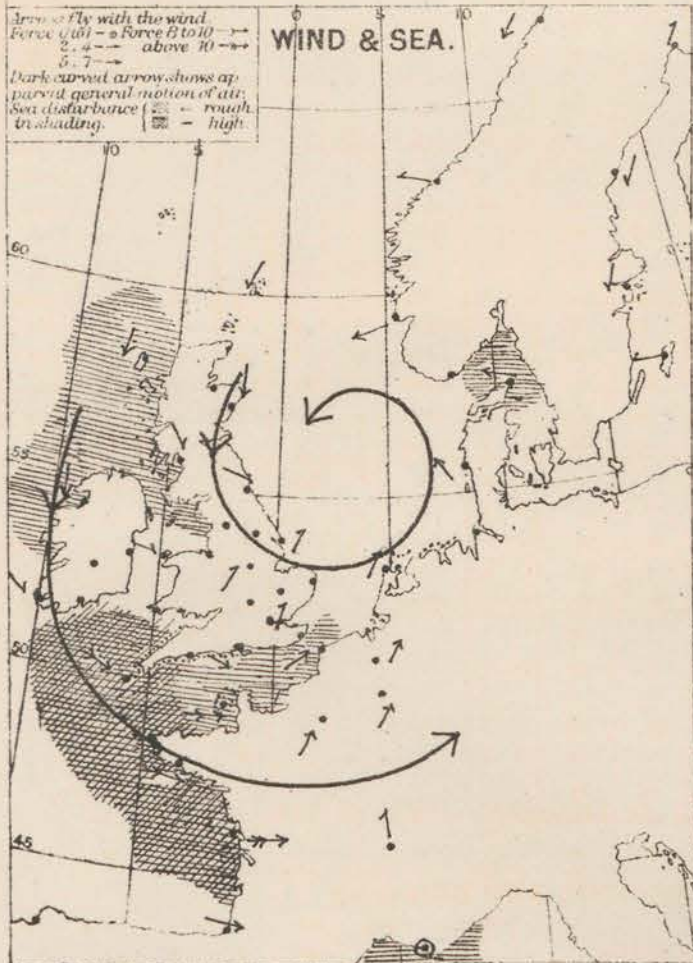
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



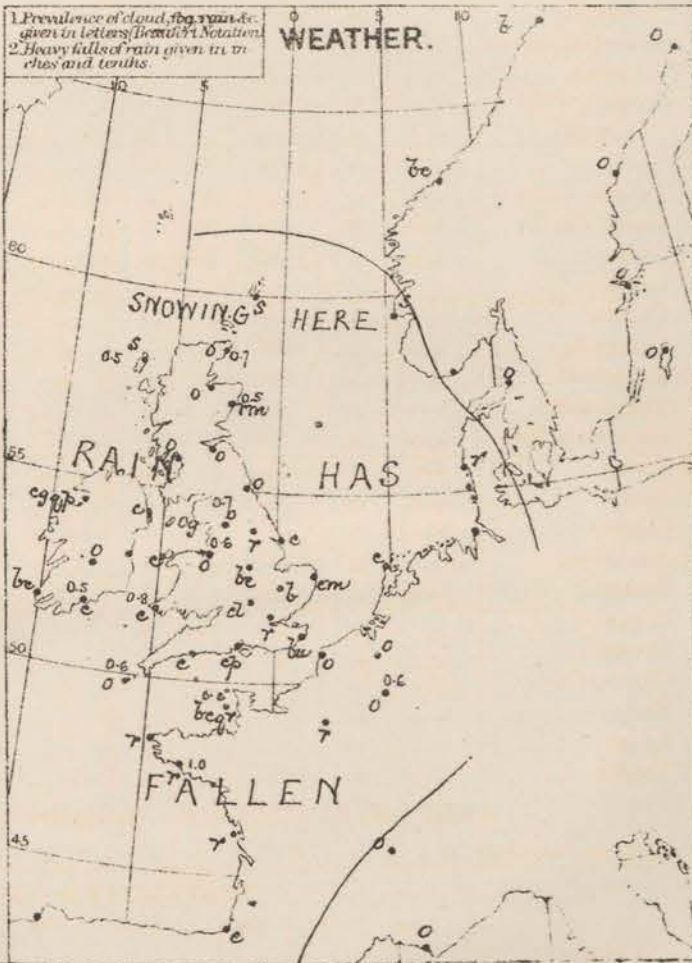
1. Force of wind given in letters (Force 1 to 10).
2. Force of wind given in numbers (Force 1 to 10).
Dark curved arrow shows apparent general motion of air.
Sea disturbance (1) - rough in shading. (2) - high.

WIND & SEA.



1. Prevalence of cloud, fog, rain, &c. given in letters (B, C, F, R, S, T, U, V, W, X, Y, Z).
2. Heavy falls of rain given in inches and tenths.

WEATHER.



A dotted line has been drawn where the cyclone was now flying.

REMARKS.

The deep depression which lay off the W. coast of Scotland yesterday has passed suddenly E^{ly} during the night, and is shown this morning over the North Sea. The barometer has fallen quickly over the whole of France, all our more Sth, Est, and W^{est} stations, and on the Est shores of the North Sea, but on our W^{est} coasts a brisk increase has commenced. The highest pressures are reported from the S. of France. The wind has shifted to the Nth over Scotland and Ireland, but W^{est} winds are reported from England and France, and SW. to SE. winds on the Est shores of the North Sea. In nearly all places the wind is stronger in force, and on our SW. coasts and over France it blows with the force of a fresh to land gale. The weather is cloudy or dull generally, with rain squalls over Ireland and the Channel, and snow in the N. of Scotland. Rain has fallen in all places, and the amounts are again large in the W. and N. Temperature has fallen except in the E. of France, and over the Baltic; readings range from 51° at Scilly to 30° at Stannaway. The sea is very rough in the N. and W., rough in several other parts of the coast. Hailings. The cones are flying on the SW. coast of England.

Subscription for these Charts payable in advance to cover delivery.

Delivery by hand 10/- per quarter.
Post paid 5/-

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

R. H. SCOTT.
Secretary

NOTE. The Daily Weather Report for Dec. 24th (Mon. Day) will not be issued until Tuesday, 25th Dec.

DAILY WEATHER REPORT

25TH DEC^R

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS		
	Barometer at 32° F. and Sea Level.	Temp in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.68	11	E	1	0	29.67	+0.04	10	10	0	NE	2	0	*	?	9	-		
Hernösand	29.69	17	NNE	2	0	29.45	-1.15	18	18	+4	NNE	6	0	*	20	10	0.04		
Stockholm	29.35	28	ESE	4	0	29.12	-1.38	29	27	+4	ENE	4	0	*	?	14	-		
Wisby	29.28	32	2	0	0	28.99	-1.45	32	32	0	SE	4	0	*	36	27	0.20		
Bodo	29.43	19	NE	2	6	29.41	+0.05	21	19	0	E	4	0	2	21	19	-		
Christiansund	29.28	24	ESE	3	0	28.98	-1.39	29	28	+4	ESE	4	0	3	28	14	-		
Skudesnaes	28.96	28	ESE	2	2	28.83	-1.38	26	26	-3	N	2	0	4	30	?	-		
Oxö (Xiansund)	28.94	33	ENE	8	5	28.65	-1.65	29	28	+2	WSW	6	0	4	34	25	-		
Skagen (The Skaw)	28.99	32	ESE	7	5	28.71	-1.65	37	36	+4	SW	5	0	5	37	28	0.39		
Fanö	28.90	41	SE	4	0	28.82	-1.29	37	36	+3	W	6	0	*	41	34	0.55		
Cuxhaven	29.13	46	SSW	5	2	29.10	-1.14	37	36	-8	WSW	6	0	*	46	34	0.09		
Sumburgh Head	29.22	33	NNE	5	5	29.04	-1.17	30	27	-4	N	4	0	4	36	26	0.06		
Stornoway	29.33	30	NNW	4	8	29.38	+0.09	33	33	+3	NNW	5	0	6	34	24	0.05		
Wick	29.20	33	N	1	5	?	?	33	33	-5	NNW	3	5	4	38	25	0.80		
Nairn	29.26	32	NW	4	0	29.30	+0.30	31	30	-8	NW	3	0	4	40	30	0.18		
Aberdeen	29.14	34	NW	5	5	29.20	+0.37	30	29	-8	NW	6	0	6	39	28	0.79		
Leith	29.26	36	NW	2	0	29.33	+0.34	32	31	-7	W	2	0	*	42	29	0.01		
Shields	29.17	37	NW	3	6	29.30	+0.33	32	31	-9	NW	2	6	3	45	30	0.03		
Spurn Head	29.15	40	NW	6	6	29.30	+0.30	34	33	-10	WSW	5	6	3	46	33	-		
York	29.21	39	NNW	2	0	29.33	+0.31	33	32	-12	W	1	6	*	48	30	0.03		
Nottingham	29.33	39	W	3	6	29.44	+0.31	31	30	-12	WNW	2	6	*	46	29	0.01		
Ardrossan	29.35	36	N	5	6	29.41	+0.36	35	34	-6	NNW	4	6	2	49	32	0.09		
Mullaghmore	29.56	36	NNW	5	6	29.58	+0.28	39	37	-3	NW	6	0	5	42	33	0.04		
Donaghadee	29.44	36	NNW	6	6	29.49	+0.39	32	32	-10	NNW	4	6	2	43	31	0.10		
Parsonstown	29.62	32	2	0	6	29.70	+0.38	30	29	-12	W	1	6	*	42	28	-		
Barrow-in-Furness	29.29	38	NNW	6	0	29.37	+0.32	35	33	-10	NNW	6	0	6	45	34	0.09		
Holyhead	29.39	41	NNW	8	0	29.49	+0.37	39	36	-7	NNW	7	0	6	46	34	0.01		
Liverpool (Bidston)	29.33	39	WNW	7	6	29.44	+0.36	35	33	-9	NNW	7	0	4	45	35	0.12		
Valentia	29.67	40	NE	2	6	29.74	+0.34	39	35	-8	NNW	2	0	3	48	32	0.03		
Roche's Point	29.67	41	NNW	4	6	29.70	+0.38	35	33	-11	NW	4	6	4	50	34	-		
Pembroke	29.49	42	NW	5	6	29.58	+0.40	38	34	-7	NW	4	6	3	48	36	-		
Scilly	29.60	49	N	5	0	29.68	+0.30	43	39	-8	N	6	0	6	52	42	0.02		
Prawle Point	29.52	42	NW	3	6	29.63	+0.39	32	31	-16	NW	1	6	3	52	31	0.01		
Hurst Castle	29.45	49	NW	4	6	29.56	+0.37	34	33	-14	NW	2	6	5	50	33	0.05		
Dover	29.31	46	W	4	6	29.49	+0.31	33	31	-15	NW	4	6	2	49	32	-		
London	29.34	44	WNW	4	0	29.51	+0.33	30	29	-16	NW	2	6	*	42	30	-		
Oxford	29.43	39	SW	6	6	29.51	+0.35	31	30	-13	WSW	2	6	*	50	31	-		
Cambridge	29.28	41	SW	1	0	29.48	+0.36	31	29	-13	SW	1	6	*	50	29	0.01		
Yarmouth	29.19	43	W	5	0	29.38	+0.27	32	31	-13	W	4	6	3	48	30	0.01		
The Helder	29.12	45	WSW	5	6	29.24	+0.13	39	34	-7	W	5	6	3	46	37	0.04		
Cape Gris Nez	29.33	48	WSW	8	6	29.50	0	37	35	-9	NW	5	6	4	52	37	0.24		
Jersey	29.55	50	W	6	6	29.61	+0.28	41	37	-9	N	2	0	3	53	40	-		
Brest	29.68	51	W	4	0	29.61	+0.12	38	38	-13	2	0	0	5	54	37	0.55		
Lorient	29.66	51	WNW	9	0	29.54	+0.06	40	39	-11	E	5	0	6	54	37	0.43		
Rochefort	?	54	W	8	6	29.56	-1.15	55	54	+2	W	11	0	8	59	48	0.35		
Biarritz	29.96	55	SW	5	0	29.77	-1.13	60	55	+3	SW	8	0	5	?	52	0.20		
Corunna	*	*	*	*	*	29.94	*	60	*	*	SW	4	0	5	*	*	*		
Brussels	*	*	*	*	*	29.47	+0.18	36	33	-13	W	3	0	*	54	36	0.04		
Charleville	29.46	43	SW	4	0	29.50	+0.05	40	36	-9	SW	4	6	*	52	41	0.59		
Paris	29.50	50	?	4	0	29.53	+0.10	40	38	-10	NNW	4	0	*	*	*	0.32		
Lyons	29.78	48	SSW	5	0	29.69	-1.11	46	43	+1	S	7	0	*	41	*	0.04		
Toulon	29.89	51	W	5	6	29.84	-1.11	49	47	0	NW	5	6	4	54	48	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.00	33	WNW	5	0	28.08	+0.29	29	29	-11	W	5	6	*	41	26	0.02		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.00	33	WNW	5	0	28.08	+0.29	29	29	-11	W	5	6	*	41	26	0.02
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.07	30	30	ENE	6	5	Valentia	29.58	46	43	NNE	3	6
Sumburgh Head	29.17	33	33	NE	5	5	Scilly	29.49	52	51	WNW	8	6
Stornoway	29.34	31	31	N	5	5	Dover	29.19	48	47	W	3	6
Aberdeen	29.06	37	36	N	6	6	London	29.24	51	47	WNW	4	0
Shields	29.02	45	43	NW	2	0	Yarmouth	29.11	46	46	WNW	3	6
Ardrossan	29.19	49	48	NW	5	0	Jersey	29.48	52	49	W	7	6
Mullaghmore	29.48	41	36	N	7	6	Rochefort	29.75	56	52	W	11	0
Holyhead	29.21	44	41	NNW	7	0							

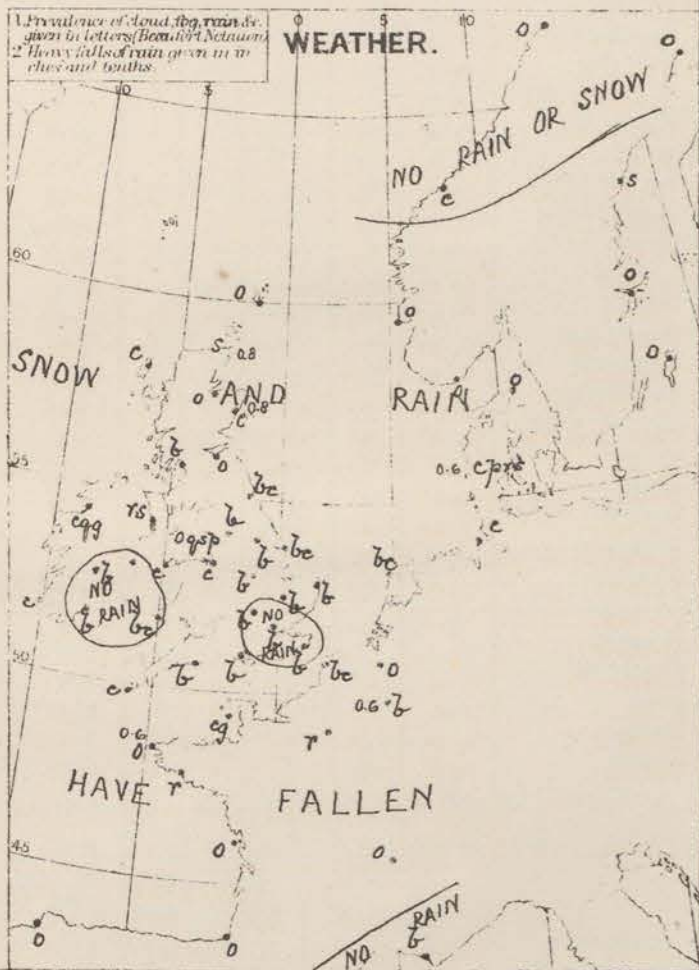
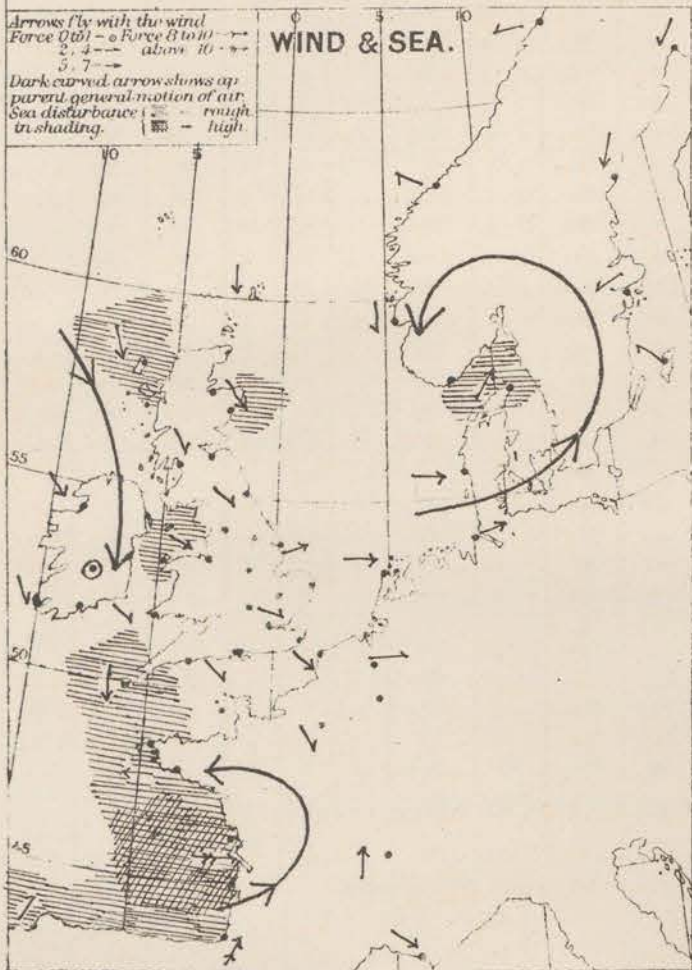
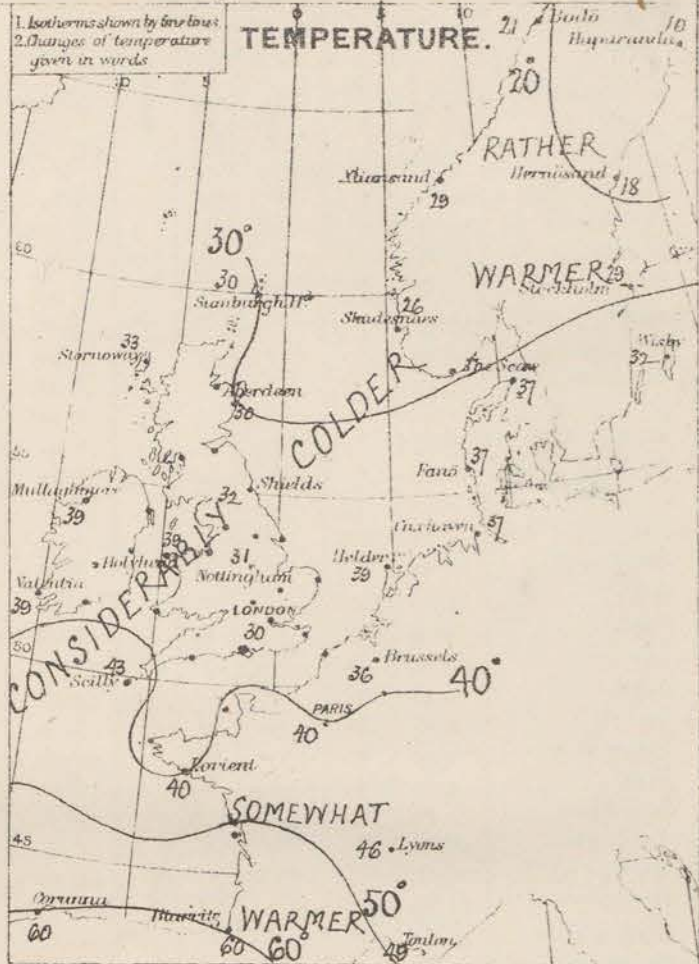
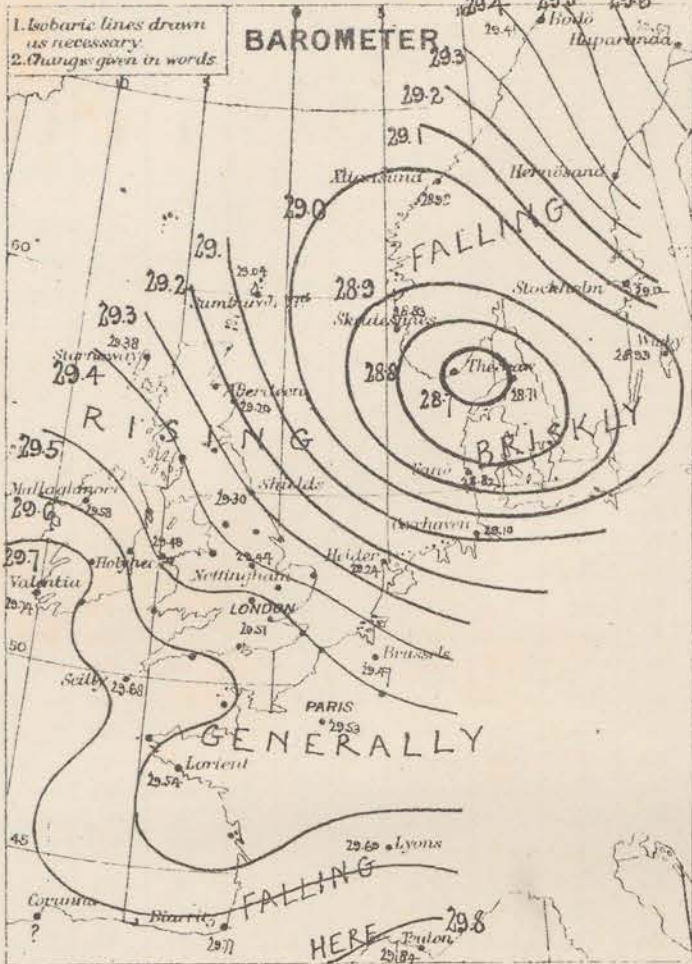
Pressure is increasing in nearly all places and the wind has shifted to the West or NWst over England. Snow still falls in N. Scotland, and temperature ranges from 52° in the SW. to 31° at Stornoway.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. mist; n. 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

for 8 a.m. on Saturday 25th DEC: 1880.



REMARKS.

REMARKS. The deep depression which was shown yesterday over the North Sea, has continued to move slowly Erd and its centre is now over the Skager Rack. The barometer has fallen quickly over Scandinavia, but a brisk recovery is now in progress over the whole of these Islands. The wind is N^l at our W^m and N^m stations, but draws into W. over England and into SW over the S. of Norway; it is fresh to strong in nearly all places, and reaches the force of a gale in the Bay of Biscay. The weather is fine and bright at the majority of the English stations, but is cloudy or dull in most other places, with rain or snow in some localities. Rain or snow has fallen very generally, the amounts being large in the E. of Scotland. Temperature has risen a little over Scandinavia, and the S. of France, but has fallen fast all over the United Kingdom, and the N^m department of France. Readings range over our Islands from 30° at Lumburgh Head and Aberdeen to 43° at Seilly. The sea is rough in the Bay of Biscay, and on some exposed parts of our coasts, moderate to slight swell.

Subscription for these Charts payable in ad- vance to cover delivery.	Delivery by hand 10/- per quarter. " book post 6/- " "
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*Meteorological Office:
116, Victoria Street, Westminster, S.W.*

R. H. SCOTT

SINGULAR

DAILY WEATHER REPORT

16th DEC^r

1880.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.36	5	NE	4	0	29.39	- .28	12	12	+ 2	NE	4	0	*	12	3	—	
Hernösand	29.15	29	NE	9	5	28.99	- .46	19	18	+ 1	NNE	8	5	*	23	14	0.16	
Stockholm	28.81	30	S	2	0	28.69	- .43	33	32	+ 4	SE	2	5	*	24	27	0.16	
Wisby	28.86	34	WSW	4	0	28.77	- .22	35	33	+ 3	WSW	6	0	*	37	27	0.16	
Bodö	29.38	20	NE	6	0	29.23	- .18	19	18	- 2	NNW	4	0	*	21	18	—	
Christiansund	28.93	27	ESE	6	0	28.98	0.0	24	24	- 4	ESE	4	0	*	28	16	—	
Skudesnaes	28.85	27	ENE	2	0	28.97	+ .74	26	25	0	ENE	1	0	*	29	?	—	
Oxö (Xiansund)	28.83	29	WNW	6	5	28.94	+ .29	29	28	0	NNE	2	0	*	30	27	—	
Skagen (The Skaw)	28.63	33	ENE	6	5	28.92	+ .21	30	26	- 7	NE	4	0	*	36	27	0.16	
Fanö	28.98	36	W	4	0	29.09	+ .27	35	35	- 2	W	8	0	*	?	34	0.08	
Cuxhaven	29.17	36	W	6	5	29.30	+ .10	37	36	0	W	8	0	*	37	36	0.04	
Sumburgh Head	29.04	32	N	6	0	29.21	+ .17	35	33	+ 5	N	4	0	*	37	30	0.03	
Stornoway	29.49	31	NNW	6	0	29.30	+ .12	30	30	- 3	N	0	0	*	35	29	0.06	
Wick	29.32	32	N	5	5	29.36	+ .27	31	30	- 2	NW	7	0	*	35	20	0.35	
Nairn	29.39	32	NT	5	0	29.46	+ .16	30	30	- 1	NT	4	0	*	35	26	0.28	
Aberdeen	29.54	32	NT	6	0	29.41	+ .21	31	30	+ 1	NT	5	0	*	34	29	0.03	
Leith	29.48	32	N	2	0	29.55	+ .22	30	28	- 2	W	2	0	*	37	27	—	
Shields	29.46	33	NT	2	0	29.56	+ .26	30	30	- 2	WNW	2	0	*	35	29	—	
Spurn Head	29.44	34	WNW	5	0	29.57	+ .27	34	33	0	WSW	5	0	*	37	31	—	
York	29.52	34	W	1	0	29.61	+ .28	31	30	- 2	W	1	0	*	38	30	—	
Nottingham	29.65	33	NNW	1	0	29.66	+ .22	27	27	- 4	NNW	1	0	*	37	26	0.01	
Ardrossan	29.56	39	N	2	0	29.60	+ .19	30	29	- 5	N	0	0	*	40	29	—	
Mullaghmore	29.66	38	WNW	4	5	29.61	+ .03	34	33	- 5	SW	4	0	*	40	33	0.15	
Donaghadee	29.64	33	W	3	0	29.52	+ .03	27	27	- 5	WSW	2	0	*	38	27	0.03	
Parsonstown	29.75	32	L	0	0	29.67	- .03	26	26	- 4	L	0	0	*	40	28	—	
Barrow-in-Furness	29.57	39	NT	4	0	29.65	+ .28	35	34	0	NNW	3	0	*	42	34	0.03	
Holyhead	29.66	39	NT	5	0	29.65	+ .16	38	36	- 1	NT	2	0	*	40	36	0.03	
Liverpool (Bidston)	29.62	39	TNNW	4	0	29.64	+ .10	36	35	+ 1	NNW	1	0	*	40	34	0.10	
Valentia	29.80	37	W	2	0	29.60	- .14	40	35	+ 1	E	3	0	*	47	35	—	
Roehe's Point	29.76	39	WSW	3	0	29.65	- .05	36	34	+ 1	E	3	0	*	44	38	—	
Pembroke	29.74	41	NT	3	0	29.67	+ .09	40	37	+ 2	NE	1	0	*	45	38	—	
Scilly	29.58	42	NT	3	0	29.64	- .04	45	43	+ 2	SSE	6	0	*	45	38	—	
Prawle Point	29.79	36	NT	1	0	29.73	+ .10	37	34	+ 5	NNE	1	0	*	42	32	—	
Hurst Castle	29.73	37	NT	4	0	29.74	+ .18	41	37	+ 7	WNW	3	0	*	41	30	—	
Dover	29.63	36	WSW	4	0	29.73	+ .24	34	32	+ 1	WNW	3	0	*	38	32	—	
London	29.66	35	W	4	0	29.74	+ .23	30	29	0	WSW	2	0	*	34	29	—	
Oxford	29.71	32	W	2	0	29.69	+ .18	30	30	- 1	SW	2	0	*	39	30	—	
Cambridge	29.59	35	SW	2	0	29.70	+ .22	29	29	- 2	SW	1	0	*	39	29	—	
Yarmouth	29.48	33	WNW	4	0	29.62	+ .24	31	30	- 1	W	2	0	*	35	30	—	
The Helder	29.39	40	W	7	0	29.55	+ .31	40	36	+ 1	W	5	0	*	41	37	0.08	
Cape Gris Nez	29.66	39	WSW	7	0	29.75	+ .25	40	37	+ 3	W	5	0	*	43	37	0.35	
Jersey	29.81	38	WNW	2	0	29.50	+ .19	40	37	- 1	S	3	0	*	43	33	—	
Brest	29.85	39	E	3	0	29.74	+ .13	42	40	+ 4	E	5	0	*	43	37	—	
Lorient	29.83	42	NE	3	0	29.71	+ .17	42	39	+ 2	SE	4	0	*	50	36	—	
Rochefort	29.81	45	NE	4	0	29.78	+ .22	41	39	- 14	E	5	0	*	57	36	—	
Biarritz	29.83	56	WSW	8	5	29.77	- .02	55	54	- 5	S	3	5	*	63	32	0.79	
Corunna	*	*	*	*	*	29.88	- .06	61	*	+ 1	SW	4	0	*	*	*	*	
Brussels	*	*	*	*	*	29.75	+ .32	33	31	- 3	SW	4	0	*	49	33	0.04	
Charleville	29.15	35	WSW	4	0	29.81	+ .31	30	28	- 10	SW	4	0	*	45	?	—	
Paris	29.79	38	W	3	0	29.73	+ .20	33	31	- 7	SW	4	0	*	?	31	0.04	
Lyons	29.72	44	NW	7	0	29.89	+ .20	33	30	- 13	NW	1	0	*	50	31	0.08	
Toulon	29.73	53	W	5	0	29.88	- .04	49	42	0	NT	7	0	*	55	48	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.28	29	W	4	0	28.34	+ .26	25	25	- 4	L	0	0	*	33	25	—	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.28	29	W	4	0	28.34	+ .26	25	25	- 4	L	0	0	*	33	25	—
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.02	29	27	NNW	2	0	Valentia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	29.67	46	46	SSE	7	1
Holyhead													

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (lower); 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

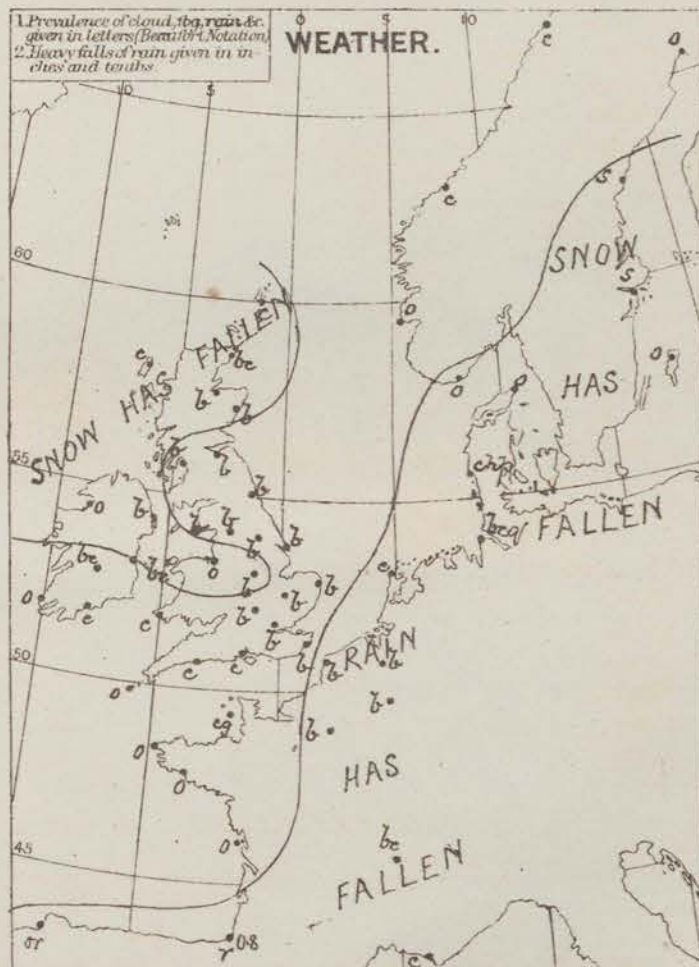
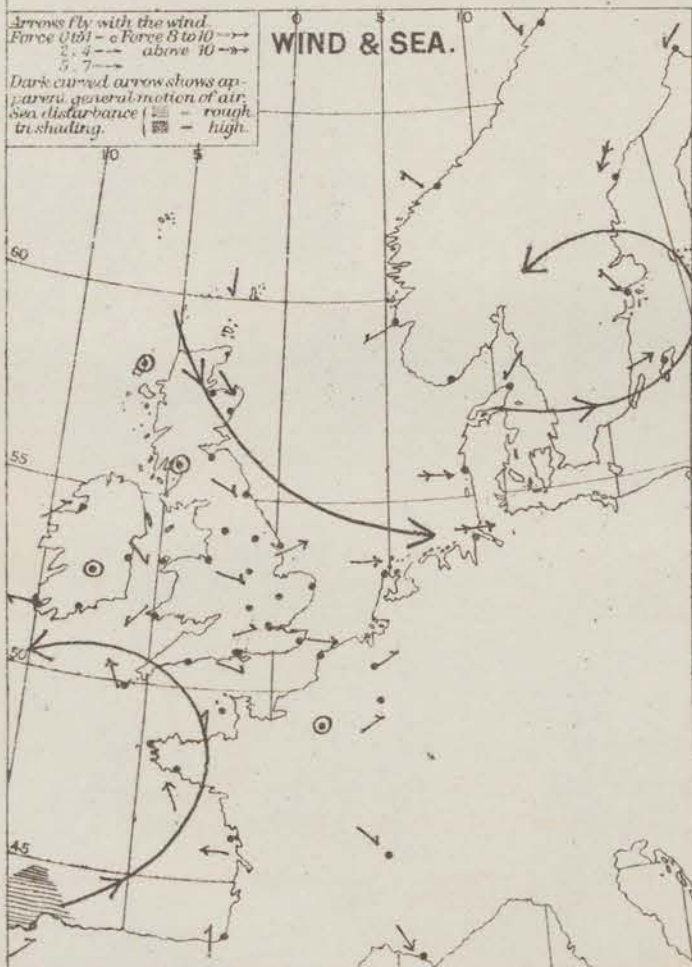
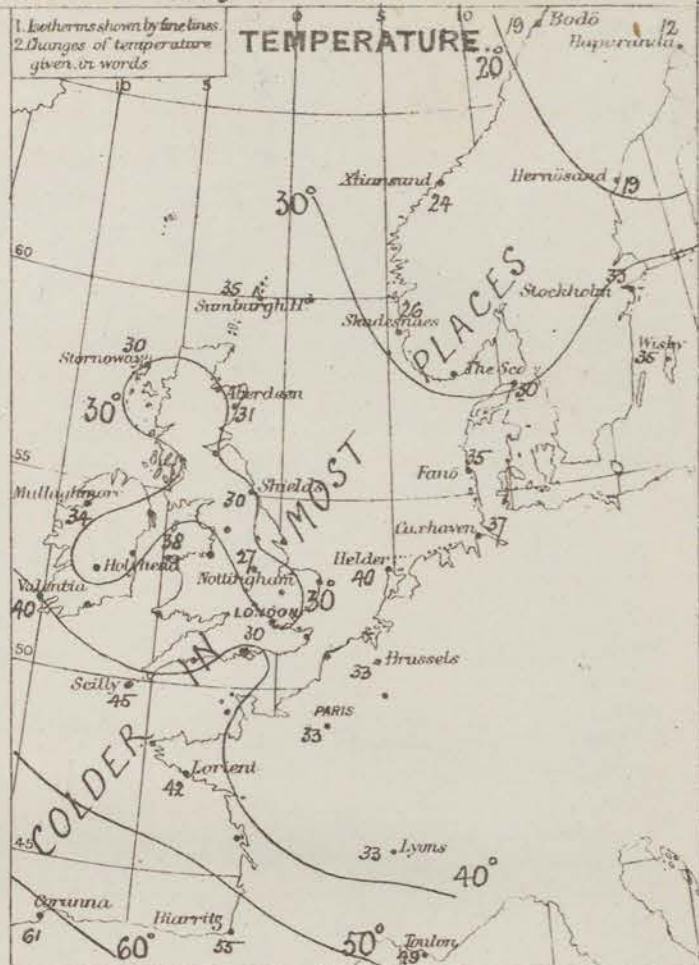
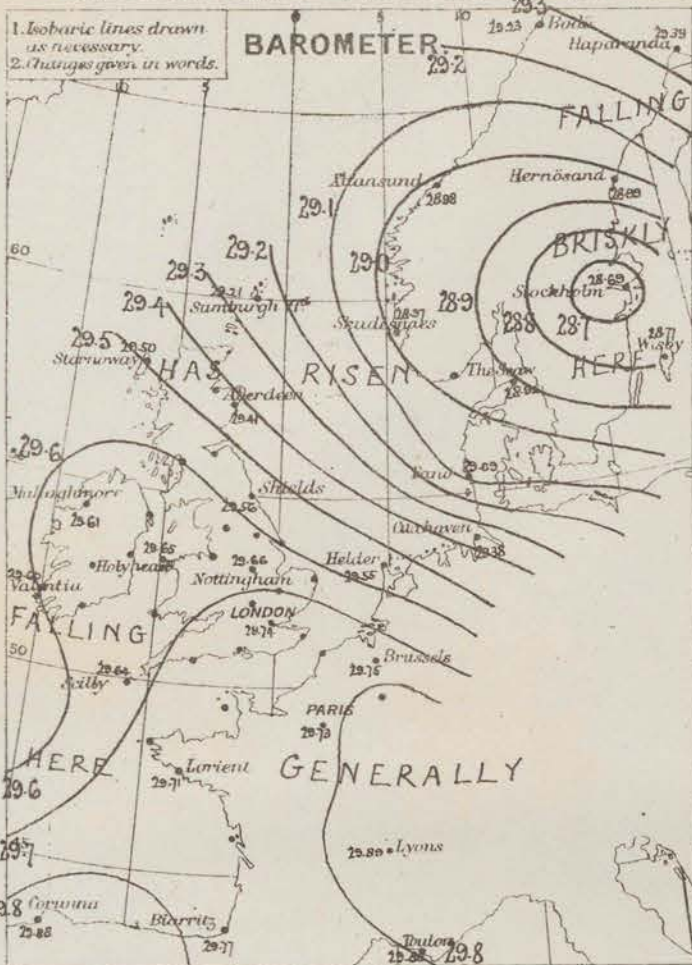
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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 Sund. day

1880.



REMARKS. The depression which was shown yesterday near the Skager Rack, has moved slightly E^{ward}, and now lies over the Baltic, and the barometer is falling briskly at all the Swedish stations, on our N. and E. coasts yesterday's recovery has continued, but in the PM the barometer has begun to fall again, and a small depression of pressure is advancing. The wind has shifted to SE. and E in the PM, but in N. and NW over Scotland and England. On the SE^{ward} shores of the North Sea, a fresh N. gale is reported, but elsewhere it is light or moderate in force. Temperature has risen a little on our S. coast, but has fallen in nearly all other places, especially over Central France, readings range over our Islands from 26° at Portsmouth and 27° at Nottingham to 45° at Seilly. The weather is very fine and bright in almost all localities, but rain is falling in the S. of France, and snow in Sweden. Snow has fallen in the N. and NW, and rain in the E. and S. of France, elsewhere the weather has been dry. The sea is rather rough at Colonus, moderate or slight all round our coasts.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

27th DEC.

1880.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRIC.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.26	18	NE	2	s	29.06	-.33	12	12	0	NW	4	0	*	18	10	0.08	
Hernösand	29.02	19	NE	6	s	29.19	+.20	20	19	+1	N	2	0	*	21	12	0.28	
Stockholm	28.82	20	W	6	o	29.13	+.44	19	18	-.14	W	4	0	*	9	19	0.04	
Wisby	28.81	23	W	6	s	29.19	+.42	26	24	-.9	NW	4	6	*	37	23	-	
Bodö																		
Christiansund	29.08	22	NE	2	c	29.23	+.25	26	26	+.2	SSW	2	0	4	?	14	-	
† Skudesnaes	29.09	32	NW	4	c	29.29	+.39	34	32	+.8	WNW	5	0	3	?	?	-	
(Oxö (Xtiansund)	29.05	26	WSW	2	b	29.28	+.32	28	28	-.1	WSW	2	6	2	?	23	-	
Skagen (The Skaw)	29.08	30	NNW	3	b	29.27	+.35	33	31	+.3	NW	5	60	4	35	25	-	
Fanö	29.32	38	W	8	c	29.48	+.39	38	35	+.3	W	4	c	*	39	34	0.04	
Cuxhaven	29.42	37	NW	7	bc	29.58	+.28	35	34	-.2	SW	1	bc	*	37	30	0.01	
† Sumburgh Head	29.28	32	N	4	o	29.38	+.17	29	27	-.6	N	2	6	3	38	27	0.02	
† Stornoway																		
Wick	29.40	26	NNW	2	b	29.42	+.26	10	9	-.21	NW	1	6	2	32	10	-	
Nairn	29.47	27	W	0	b	29.43	-.03	18	18	-.12	W	0	6	2	32	18	-	
† Aberdeen	29.45	30	WSW	1	b	29.46	+.05	15	15	-.16	WSW	1	6	2	33	14	0.01	
Leith	29.57	31	W	1	bc	29.43	-.12	34	33	+.4	NE	1	0	*	37	28	-	
† Shields	29.53	31	W	2	b	29.45	-.11	30	30	0	W	0	cm	2	36	28	-	
Spurn Head	29.58	34	WSW	2	b	29.41	-.16	34	32	0	ESE	3	S	3	37	32	0.04	
York	29.60	32	W	1	b	29.44	-.17	30	30	-.1	W	0	0	*	39	28	-	
Nottingham	29.62	32	W	1	b	29.41	-.25	32	32	+.5	ESE	1	0	*	35	27	0.34	
† Ardrossan	29.49	37	WNW	1	o	29.43	-.17	34	33	+.4	NE	1	0	1	40	28	0.04	
† Mullaghmore	29.49	35	SE	1	c	29.40	-.21	34	32	0	E	3	6	2	39	32	-	
Donaghadee	29.52	31	SW	2	b	29.50	-.02	39	38	+.12	SE	2	c	0	39	26	-	
Parsonstown	29.50	33	ESE	2	o	29.40	-.27	30	?	+.4	NNW	1	0	*	34	24	0.04	
Barrow-in-Furness	29.57	33	NNW	2	A	29.43	-.22	32	31	-.3	NNE	2	0	3	45	31	0.08	
† Holyhead	29.55	37	W	0	m	29.32	-.33	37	36	-.1	E	5	0	4	30	35	-	
Liverpool (Bidston)	29.57	34	ESE	1	bc	29.36	-.28	33	32	-.3	E	2	m	1	37	32	0.09	
† Valentia	29.38	39	NE	4	o	29.31	-.29	40	40	0	ESE	3	A	3	43	37	0.30	
Roche's Point	29.38	42	ESE	5	A	29.34	-.31	39	38	+.3	NE	3	A	4	46	36	0.25	
Pembroke	29.46	41	E	5	A	29.13	-.54	43	42	+.3	NW	2	0	2	50	38	0.75	
† Scilly	29.39	52	SW	5	o	29.27	-.27	52	52	+.7	WSW	6	cm	6	52	43	0.78	
Prawle Point	29.52	49	ESE	4	A	29.35	-.38	51	51	+.14	WSW	6	0	5	51	36	0.63	
Hurst Castle	29.61	43	S	3	o	29.35	-.39	49	49	+.8	W	6	bc	5	49	32	0.22	
† Dover	29.86	36	NN	2	bc	29.32	-.41	48	47	+.14	W	4	cm	3	48	33	0.08	
† London	29.64	33	W	0	bc	29.31	-.43	40	39	+.10	W	0	0	*	40	30	0.16	
Oxford	29.57	35	W	1	o	29.30	-.39	35	34	+.5	N	1	0	A	37	29	0.16	
Cambridge	29.62	31	SW	1	c	29.35	-.35	34	33	+.5	NE	1	2	*	40	29	0.22	
† Yarmouth	29.64	33	WSW	3	b	29.39	-.23	37	36	+.6	ESE	5	cm	4	37	30	0.17	
The Helder	29.59	39	W	3	bc	29.53	-.02	33	32	-.7	S	1	c	1	43	?	-	
Cape Gris Nez	29.68	40	SSW	5	A	29.37	-.38	49	49	+.9	SSW	7	A	4	?	35	0.08	
† Jersey	29.59	40	SE	5	o	29.49	-.31	52	51	+.12	WSW	6	cm	5	52	38	0.34	
Brest	29.56	53	WSW	4	o	29.58	-.21	52	52	+.10	W	5	bc	5	?	?	0.47	
Lorient	29.56	49	S	3	o	29.58	-.13	54	53	+.12	W	5	m	5	?	41	0.24	
† Rochefort	29.69	54	W	5	A	29.77	-.08	65	62	+.14	WSW	5	0	2	?	36	0.43	
Biarritz	29.82	59	SW	1	o	29.86	+.04	60	54	+.5	S	3	0	3	63	52	0.59	
Corunna																		
Brussels						29.47	-.28	36	36	+.3	S	4	A	*	37	32	0.04	
Charleville						29.54	-.27	36	35	+.6	SW	4	0	*	41	?	0.08	
Paris	29.75	37	?	2	o	29.58	-.17	50	48	+.17	?	?	A	*	*	*	0.04	
Lyons	29.82	37	S	1	A	29.82	-.04	45	44	+.12	S	3	0	*	45	31	0.12	
Toulon	29.80	51	W	5	c	29.95	+.15	53	50	+.4	NW	6	0	*	54	48	?	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	28.31	27	SSW	1	bc	28.15	-.19	27	26	+.2	E	3	0	*	31	23	-
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.02	29	27	NNW	2	c	2	Valentia			
Sumburgh Head								Scilly			
Stornoway								Dover			
Aberdeen								London			*
Shields								Yarmouth			
Ardrossan								Jersey			
Mullaghmore								Rochefort			
Holyhead											

EXPLANATION OF COLUMNS.

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

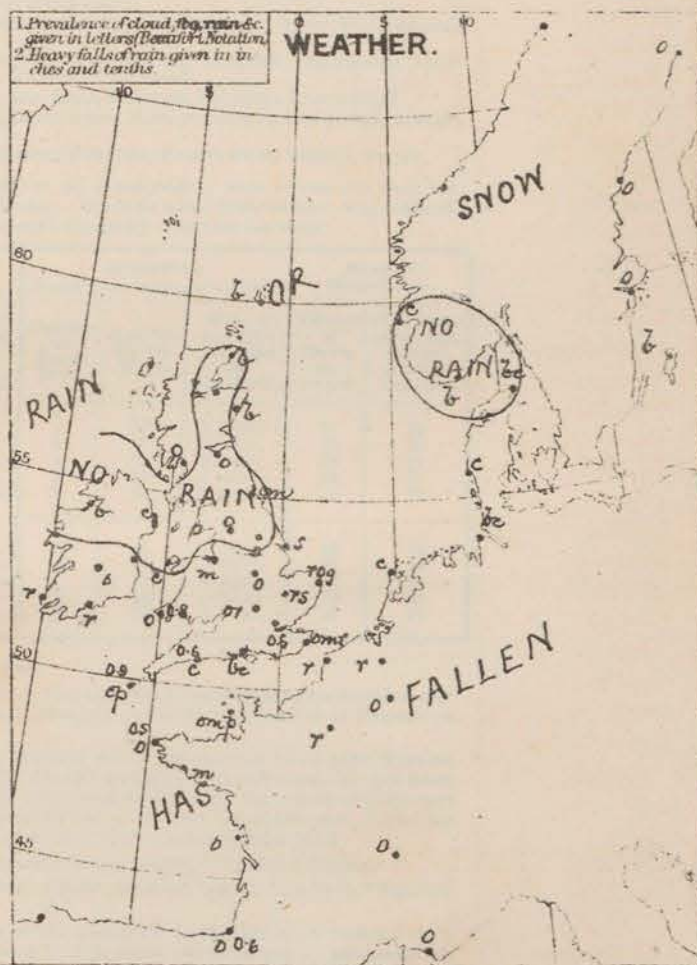
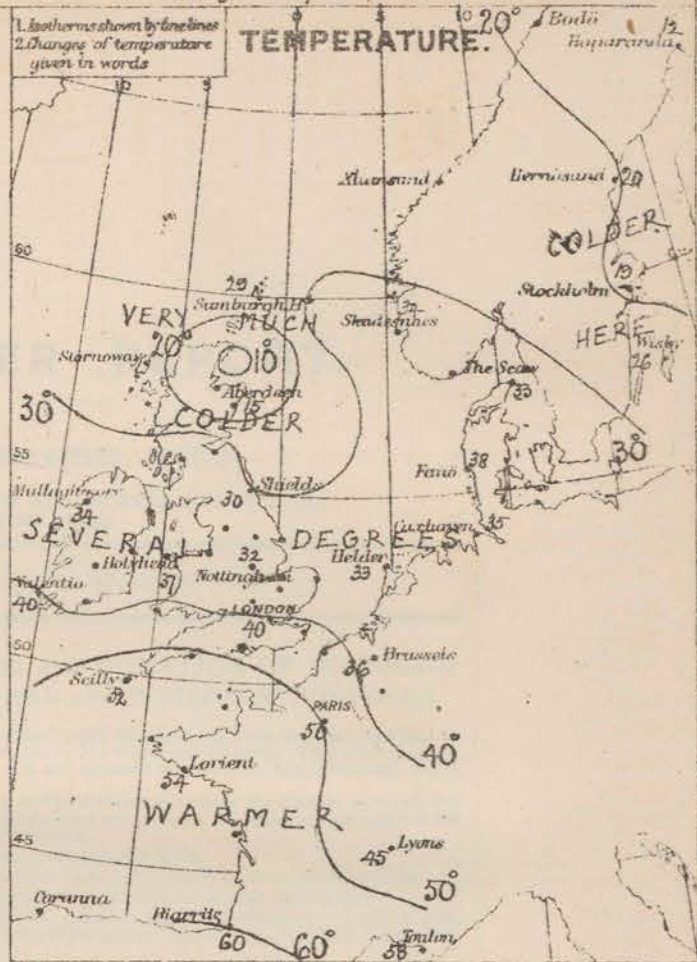
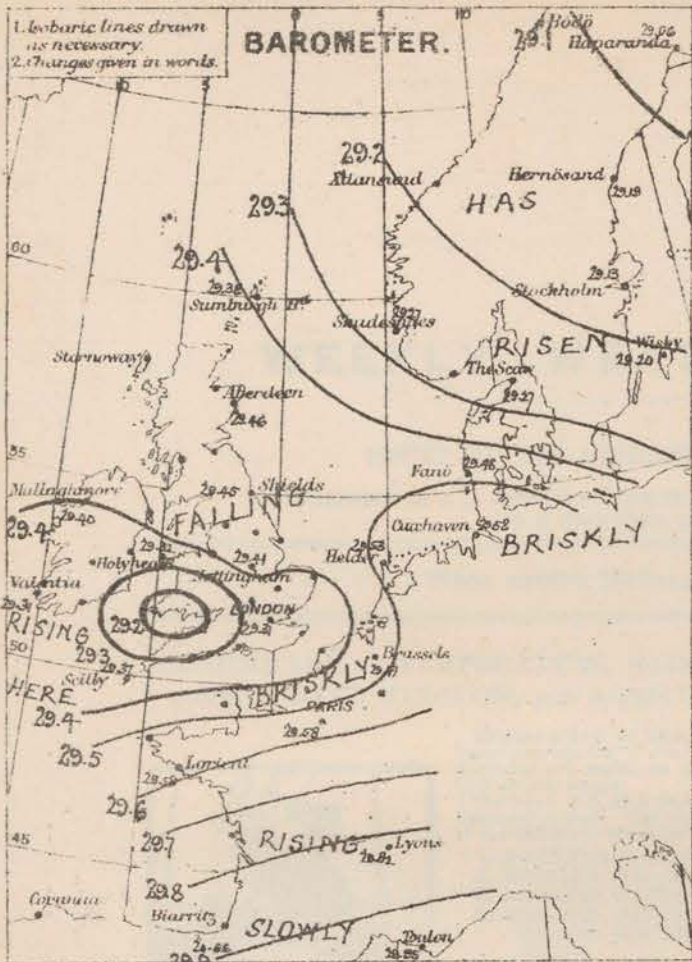
* AN ASTERISK is inserted in all places for which information is not usually received.

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

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

M.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 DEC: 1880.



REMARKS. The shallow depression which had advanced to our SW. coast last evening, has since become considerably deeper and travelled a little E. to S. Wales. It has occasioned a fall of one half an inch in the baromet. at St. Ann's Head, and a brisk fall in most parts of the Kingdom, but in S. France and over Scandinavia the mercury has risen. The highest pressures are reported from the Gulf of Lyons. The wind is W. to SW. over France, and the Channel, and SE. over the Netherlands, but draws into E. over the E. and N. of England, and the whole of Ireland. In the N. of Scotland, and over Norway and Sweden a separate N. circulation exists. Temperature has risen briskly over France, and our Stations, changed little over Ireland and the N. of England, and falls fast in Scotland. Very sharp frost prevails in the extreme NE. and readings range from 10 at Wick to 52 at Seilly. The weather is fine and clear in Scotland, cloudy or dull in nearly all other places, with rain and sleet at our SE. stations, and in S. Ireland. Rain has fallen except in the NE. and N. over all parts in the N. and S. of Norway. The S. coast is flying over the SW. coast of England.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

28th DEC

1880.

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.		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).		Weather.	Max.		Min.		
Haparanda	29.33	9	W	2	b	29.49	+ .43	5	5	7	S	2	b	*	12	5	—		
Hernösand	29.42	7	W	0	b	29.71	+ .52	14	13	6	W	2	c	*	21	5	—		
Stockholm	29.51	18	W	2	s	29.85	+ .72	6	6	13	W	2	b	*	23	?	—		
Wisby	29.47	29	NNW	2	b	29.78	+ .59	27	26	1	NNW	4	bc	*	30	21	—		
Bodö	29.25	30	NW	6	c	29.38		31	29		W	8	c	6	?	14	—		
Christiansund	29.47	28	ESE	2	b	29.58	+ .35	30	28	4	ESE	1	b	2	30	14	0.04		
† Skudesnaes	29.62	30	ENE	4	b	29.78	+ .51	30	28	4	E	6	c	3	34	?	—		
Oxö (Xtiansund)	29.61	25	NNW	4	b	29.83	+ .55	18	18	10	NNW	4	bc	2	32	16	—		
Skagen (The Skaw)	29.64	31	NW	3	b	29.88	+ .61	29	27	4	SW	2	b	0	36	23	—		
Fanö	29.68	32	SSW	2	bc	29.81	+ .55	28	28	10	ESE	4	o	*	39	27	—		
Cuxhaven	29.62	35	SSE	1	s	29.73	+ .20	33	33	2	SE	5	o	*	?	30	—		
† Sumburgh Head	29.49	36	SSW	3	b	29.62	+ .24	38	34	9	SSW	3	bc		38	25	—		
† Sornoway																			
Wick	29.52	28	SH	1	b	29.63	+ .21	28	27	18	W	0	b	2	30	10	—		
Nairn	29.52	27	W	0	b	29.60	+ .17	23	22	5	W	0	b	1	23	15	—		
† Aberdeen	29.57	18	WSW	1	b	29.61	+ .15	28	27	13	WSW	1	sm	1	28	14	0.01		
Leith	29.58	30	NE	1	b	29.53	+ .10	37	36	3	E	2	r	*	39	27	0.02		
† Shields	29.52	35	W	0	mch	29.43	— .02	39	38	9	ENE	3	r	3	41	30	0.40		
Spurn Head	29.53	40	ESE	4	c	29.39	— .02	44	44	10	SSW	5	c	5	44	34	0.20		
York	29.55	31	NNE	1	b	29.43	— .01	34	34	4	NNW	1	o	*	37	30	0.35		
Nottingham	29.56	35	ENE	2	r	29.48	+ .07	46	45	14	WSW	3	o	*	46	32	0.18		
† Ardrossan	29.55	33	NE	2	cf	29.53	+ .10	36	35	2	NE	2	sm	1	36	30	—		
† Mullaghmore	29.46	35	E	5	c	29.54	+ .14	36	35	2	NE	4	sm	3	37	33	—		
Donaghadee	29.50	39	SE	3	o	29.47	— .03	40	39	1	ENE	7	o	5	40	31	0.06		
Parsonstown	29.59	35	W	0	r	29.54	+ .14	34	34	4	NNW	1	r	*	36	24	0.22		
Barrow-in-Furness	29.52	35	NE	2	o	29.39	— .04	36	36	4	NE	4	ow	4	40	32	0.68		
† Holyhead	29.41	38	E	4	m	29.45	+ .13	41	39	4	NNW	2	mg	1	47	35	0.46		
Liverpool (Bidston)	29.50	35	E	2	o	29.41	+ .05	44	40	8	WSW	4	o	2	45	33	0.18		
† Valentia	29.24	42	N	4	rg	29.45	+ .14	38	37	2	NNE	6	og	6	45	36	0.50		
Roche's Point	29.26	40	E	5	r	29.43	+ .09	38	38	1	NE	4	r	4	44	37	0.65		
Pembroke	29.36	44	E	2	r	29.43	+ .30	49	49	6	SW	4	og	3	51	41	0.34		
† Scilly	29.42	53	SH	6	o	29.51	+ .14	52	52	0	SH	5	o	5	54	51	0.16		
Prawle Point	29.49	52	SSW	5	m	29.57	+ .22	51	51	0	SSW	4	m	5	53	50	0.05		
Hurst Castle	29.51	51	WSW	6	cm	29.59	+ .24	50	50	1	WSW	5	bc	5	51	48	0.12		
† Dover	29.55	49	WSW	4	bc	29.60	+ .34	50	49	2	WSW	4	bc	3	51	47	0.12		
† London	29.51	42	W	2	or	29.59	+ .28	51	50	11	SSW	1	o	*	52	39	0.24		
Oxford	29.20	36	N	1	o	29.54	+ .24	50	48	15	S	2	o	*	51	35	0.42		
Cambridge	29.54	35	ENE	1	r	29.54	+ .19	47	47	13	SH	1	c	*	47	33	0.32		
† Yarmouth	29.54	39	SSW	3	c	29.54	+ .15	47	46	10	SSW	3	b	4	47	34	0.18		
The Helder	29.63	33	E	1	o	29.61	+ .08	38	37	5	SSE	1	f	1	?	?	0.28		
Cape Gris Nez	29.57	52	ESE	7	r	29.65	+ .28	50	49	1	SSW	5	o	4	52	46	0.08		
† Jersey	29.64	52	SH	4	cg	29.70	+ .21	51	51	1	SSW	3	cm	3	55	50	0.02		
Brest	29.62	56	WSW	7	r	29.69	+ .16	53	52	1	SW	4	o	3	?	52	0.08		
Lorient	29.69	55	WSW	7	o	29.68	+ .10	54	53	0	SH	5	r	5	55	52	0.08		
† Rochefort	29.89	56	WSW	7	r	29.87	+ .10	62	51	3	SE	3	o	2	59	26	0.35		
Biarritz																			
Corunna	*	*	*	*	*			*							*	*	*		
Brussels	*	*	*	*	*	29.74	+ .27	58	50	15	SW	3	o	*	52	?	0.24		
Charleville	29.70	50	SH	4	o	29.82	+ .28	51	50	15	SW	4	o	*	51	36	0.04		
Paris	29.75	52	S	3	b	29.83	+ .25	53	52	3	W	0	o	*	*	*	0.04		
Lyons	29.95	50	S	1	o	29.97	+ .15	48	46	3	S	1	o	*	53	?	0.04		
Toulon																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.28	29	E	3	bc	29.15	.00	33	33	+ 6	ENE	4	o	*	33	26	0.04		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.28	29	E	3	bc	29.15	.00	33	33	+ 6	ENE	4	0	*	33	26	0.04
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.47	26	25	ENE	2	b	3	Valentia ...	29.30	43	42	E	4	cm	4
Sumburgh Head	29.45	33	30	W	0	b	2	Scilly ...	29.42	54	54	SW	6	og	6
Sornoway ...	29.46	29	28	N	1	bc	1	Dover ...	29.41	58	49	W	4	og	3
Aberdeen ...	29.51	20	19	WSW	1	b	2	London	29.40	45	45	W	1	ogf	*
Shields ...	29.49	35	35	NNW	1	b	2	Yarmouth ...	29.41	38	37	E	4	c	4
Ardrossan ...	29.49	34	33	NE	2	of	1	Jersey ...	29.59	53	52	SW	5	cm	5
Mullaghmore	29.45	35	34	E	4	cm	3	Rochefort ...	29.81	57	55	SW	5	o	2
Holyhead ...	29.41	39	37	E	4	b	3								

The barometer is rising except at Valentia. The depression noticed this morning is passing across England, while a second is approaching Ireland. The wind is W³ in the south, with dull weather, and E⁴ in the north, with fair cold weather.

EXPLANATION OF COLUMNS.

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

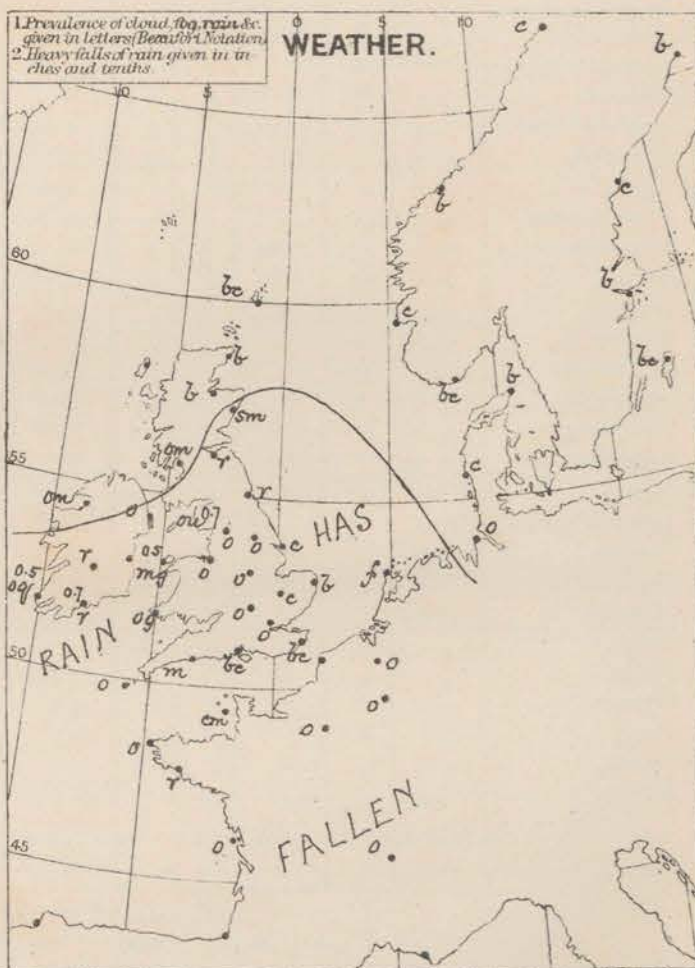
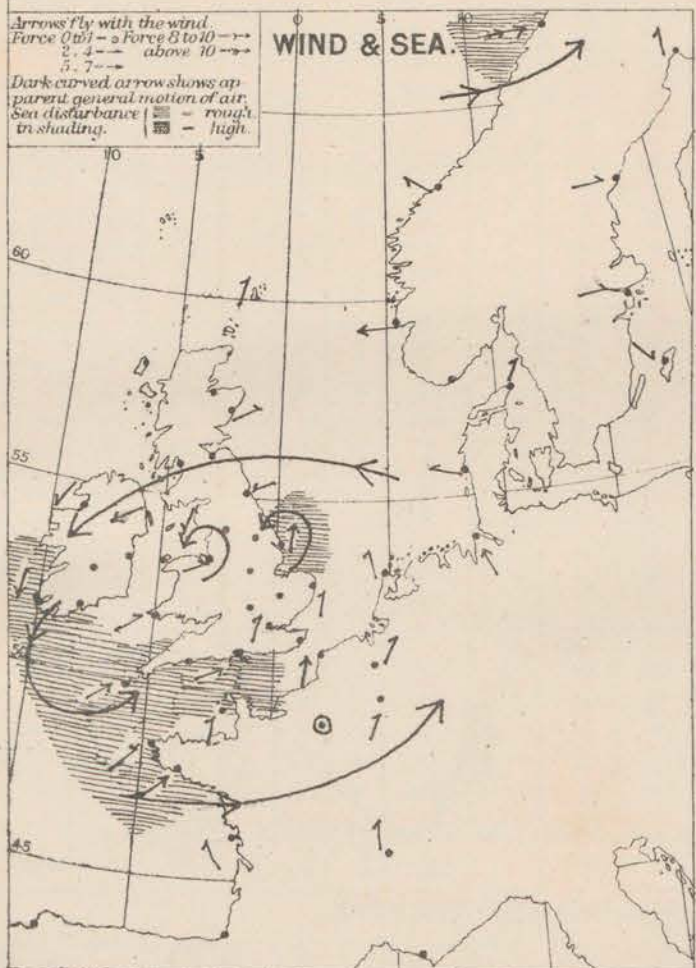
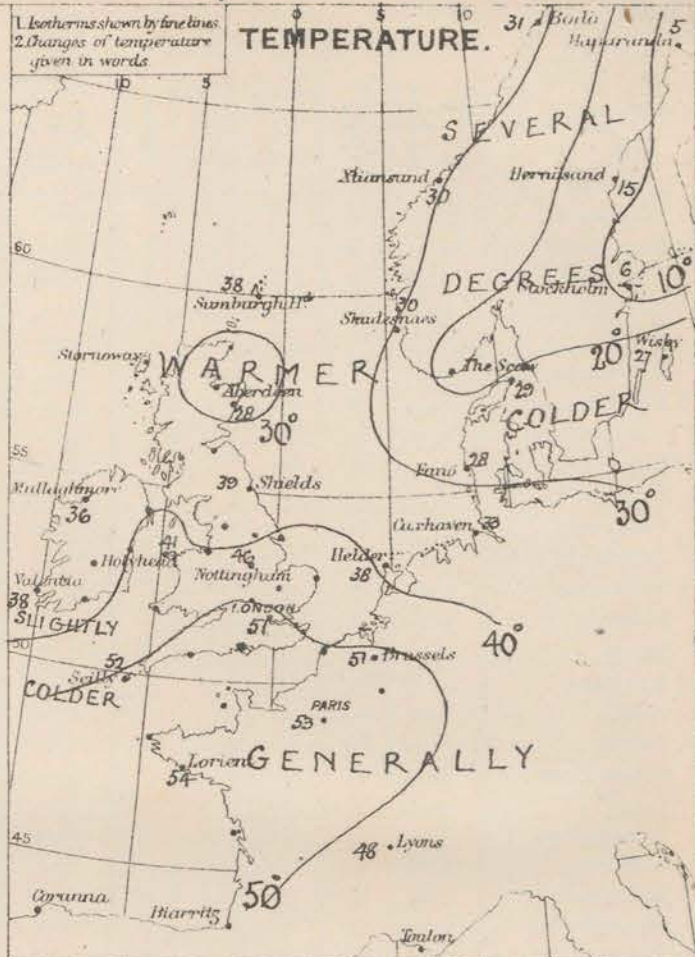
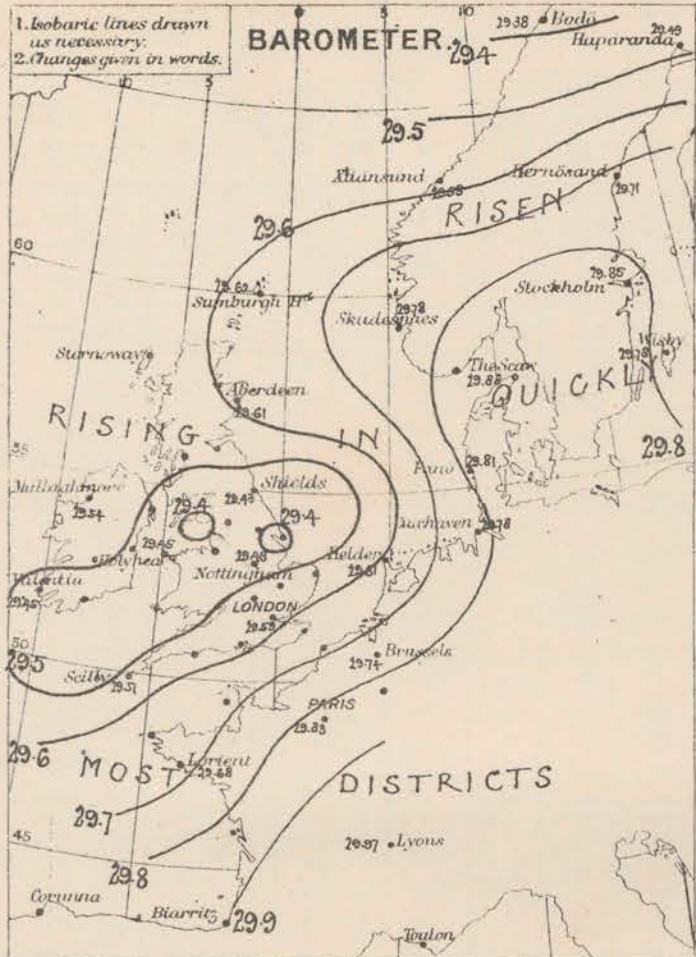
* AN ASTERISK is inserted in all places for which information is not usually received.

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

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

§ R.—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 Dec. 1880.



REMARKS. The weather remains unsettled generally. In the NE. of Scotland, and on the SE. coast of England the sky is clear or nearly so, and over Scandinavia the weather is also fine, but elsewhere a great deal of clouds prevails. Rain is falling in the E. of Ireland, and on our NE. coasts, and snow at Aberdeen. Rain or snow has fallen during the past 24 hours at all stations, except Wick, Vaino, Aboresaw and Mullaghmore. Pressure is decreasing in the N. of England, increasing in nearly all other places. An area of low readings extends from our SW. coasts NE^W across the Channel to the North Sea. Over France the Channel and the S. of England the wind is S. and SW; while over the N. of England, and in Ireland it is NE^E. It is moderate fresh in force. Temperature has fallen over the countries to the E^W of the North Sea, and in S. Ireland, but elsewhere a rise of several degrees has taken place, and readings range from 52° at Sillby to 23° at Vaino. The sea is rough in the SW.

DANCERT LIT LITH 22 BRIDGE ST COVENT GARDEN

DAILY WEATHER REPORT 29th DEC^r 1880.

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.		
			Dirac.	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.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.62	-11	W	2	b	29.51	+ 0.2	18	18	+ 12	SW	2	0	*	19	-17	-		
Hernösand	29.90	-2	Z	0	b	29.92	+ 2.1	3	2	- 11	Z	0	0	*	19	-6	-		
Stockholm	30.05	7	W	2	b	29.89	+ 0.4	28	28	+ 22	SE	4	0	*	?	5	-		
Wisby	29.98	23	WSW	2	b	29.82	+ 0.4	33	31	+ 6	SSE	4	0	*	?	18	-		
Bodö	29.41	31	W	2	s	29.54	+ 1.6	33	32	+ 2	W	2	c	3	34	23	-		
Christiansund	29.68	36	SW	4	b	29.59	+ 0.1	30	26	0	SE	3	b	3	36	24	-		
† Skudesnaes	29.71	33	E	6	o	29.47	- 3.1	36	32	+ 6	E	6	o	4	?	30	-		
Oxö (Xiänsund)	29.76	34	E	6	s	29.53	- 3.0	28	27	+ 10	NNE	6	o	4	34	?	-		
Skagen (The Skaw)	29.81	32	ESE	5	s	29.54	- 3.4	36	35	+ 7	S	3	r	4	?	27	0.47		
Fanö	29.58	27	S	4	m	29.60	- 2.1	41	41	+ 13	WSW	2	f	*	41	27	0.08		
Cuxhaven	29.73	38	S	1	r	29.69	- 0.9	47	47	+ 14	SW	2	bc	*	?	32	0.58		
† Sumburgh Head	29.60	35	SSW	2	b	29.50	- 1.2	35	32	- 3	Z	0	c	*	40	30	-		
† Stornoway	29.58	26	Z	0	b	29.49	- 1.0	22	22	- 13	Z	0	b	0	36	19	-		
Wick	29.61	13	NW	1	b	29.51	- 1.2	21	20	- 7	NW	1	bc	5	31	11	-		
Nairn	29.61	26	Z	0	o	29.51	- 0.9	30	30	+ 7	Z	0	o	1	30	23	-		
† Aberdeen	29.52	24	NNW	1	m	29.49	- 1.2	35	38	+ 7	NNW	2	om	5	36	27	0.13		
Leith	29.56	37	E	1	o	29.40	- 1.3	37	36	0	NE	1	r	*	40	35	0.17		
† Shields	29.49	38	Z	0	om	29.45	+ 0.2	39	38	0	NE	1	r	3	42	36	0.15		
Spurn Head	29.49	40	NNW	2	f	29.42	+ 0.3	46	46	+ 2	SSW	5	r	5	46	39	0.03		
York	29.50	36	W	1	m	29.42	- 0.1	35	35	+ 1	N	1	m	*	37	35	0.08		
Nottingham	29.51	47	SW	2	b	29.43	- 0.5	48	47	+ 2	SSW	3	r	*	49	43	0.04		
† Ardrossan	29.56	36	NE	1	o	29.48	- 0.5	35	34	- 1	N	1	o	0	37	34	0.04		
† Mullaghmore	29.54	39	NE	3	cm	29.48	- 0.6	31	30	- 5	SW	1	c	1	39	29	-		
Donaghadee	29.50	41	NNE	3	c	29.44	- 0.3	40	39	0	NE	6	c	4	41	39	0.04		
Parsonstown	29.52	34	N	1	s	29.47	- 0.7	32	32	- 2	NNE	1	o	*	36	32	0.16		
Barrow-in-Furness	29.52	37	NE	3	r	29.45	+ 0.4	37	37	+ 1	NE	3	af	3	38	34	0.28		
† Holyhead	29.44	41	NNE	1	m	29.38	- 0.7	41	39	0	N	4	o	3	43	39	0.15		
Liverpool (Bilston)	29.46	40	E	1	r	29.39	- 0.2	39	39	- 2	Z	0	o	1	48	39	0.26		
† Valentia	29.51	39	NNE	5	omg	29.45	0.0	36	34	- 2	NNE	1	c	2	40	34	0.02		
Roche's Point	29.41	38	N	4	o	29.39	- 0.4	38	36	0	N	4	o	4	43	36	0.34		
Pembroke	29.39	51	SSW	5	c	29.28	- 2.3	44	44	- 5	NNE	3	r	4	51	44	0.43		
† Scilly	29.51	53	SW	6	o	29.28	- 3.1	43	43	- 9	NNE	6	r	6	54	?	0.66		
Prawle Point	29.57	51	S	4	m	29.36	- 2.1	38	38	- 1	SE	4	r	4	53	49	0.20		
Hurst Castle	29.60	51	WSW	6	c	29.47	- 1.2	50	49	0	SW	5	c	5	52	50	0.01		
† Dover	29.63	49	SW	4	c	29.60	- 0.6	49	48	- 1	SSW	4	bc	3	51	49	0.03		
† London	29.60	51	WSW	2	o	29.52	- 0.7	50	48	- 1	S	5	o	*	53	50	0.02		
Oxford	29.56	48	SW	1	b	29.45	- 0.9	48	48	0	S	3	ogp	*	54	43	0.02		
Cambridge	29.56	48	SW	1	r	29.49	- 0.5	50	48	+ 3	S	1	o	*	54	44	0.05		
† Yarmouth	29.57	49	SW	2	bc	29.55	+ 0.1	46	45	- 1	SSW	3	bc	3	51	44	-		
The Helder	29.62	46	SSW	3	o	29.64	+ 0.3	46	45	+ 8	SSW	3	o	2	46	37	0.04		
Cape Gris Nez	29.69	50	SSW	5	r	29.65	0.0	49	48	- 1	S	5	o	3	52	46	0.28		
† Jersey	29.70	51	SSW	3	bc	29.47	- 2.3	50	49	- 1	SE	5	cgr	5	52	49	0.08		
Brest	29.58	53	SW	5	b	29.36	- 3.3	34	53	+ 1	SW	7	o	7	54	52	0.16		
Lorient	29.69	53	WSW	4	o	29.42	- 2.6	55	53	+ 1	S	8	o	6	55	50	0.12		
† Rochefort	29.84	55	SW	7	r	29.61	- 2.6	53	50	+ 1	SSE	9	c	4	57	46	0.08		
Biarritz	29.90	58	S	7	bc	29.65	- 2.3	61	52	+ 2	S	8	c	4	?	?	-		
Corunna	*	*	*	*	*			*	*						*	*	*		
Brussels	*	*	*	*	*	29.73	- 0.1	50	48	0	SSW	4	o	*	55	48	0.20		
Charleville	29.80	52	SSW	4	o	29.83	+ 0.1	49	46	- 2	SSW	4	c	*	57	46	0.04		
Paris	29.80	52	Z	0	o	29.73	- 1.0	50	48	- 3	Z	0	o	*	*	*	0.08		
Lyons	29.91	54	S	7	c	29.87	- 1.0	52	48	+ 4	S	8	bc	*	57	?	-		
Toulon	30.11	54	S	4	o	30.09	- 0.1	53	52	+ 3	SSW	5	o	*	55	50	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.24	33	E	3	o	28.16	+ 0.1	33	33	0	E	3	o	*	34	32	0.56		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.24	33	E	3	o		28.16	+ 0.1	33	33	0	E	3	o	*	34	32	0.56
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.78	33	30	ESE	6	o	4	Valentia	29.47	39	38	NNE	5	ty	5
Sumburgh Head	29.61	37	34	W	3	o	3	Scilly	29.54	50	54	SW	6	c	5
Stornoway	29.59	36	36	2	o	cu	2	Dover	29.65	50	49	SW	4	c	3
Aberdeen	29.60	33	33	NW	1	m	1	London	29.60	54	52	SW	2	o	*
Shields	29.48	42	41	ENE	3	r	3	Yarmouth	29.57	51	50	SW	3	bc	3
Ardrossan	29.56	37	36	NE	1	cm	1	Jersey	29.70	52	52	SSW	3	omr	3
Mullaghmore	29.56	37	36	NNE	3	om	3	Rochefort	29.28	55	53	S	5	o	2
Holyhead	29.48	43	41	NW	2	o	1								

There has been no change of importance since the morning.

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.

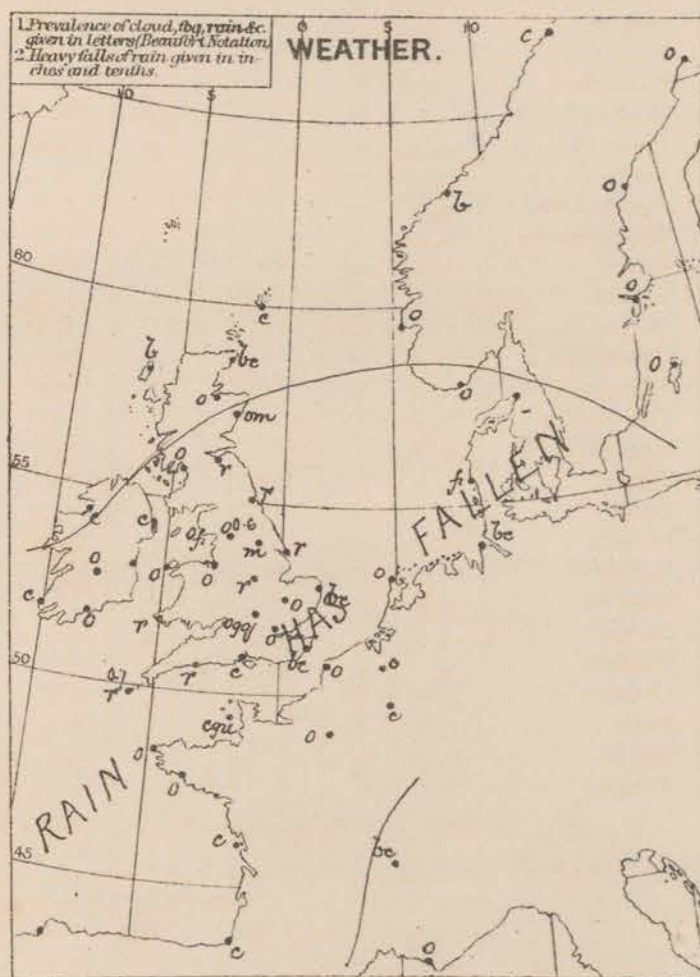
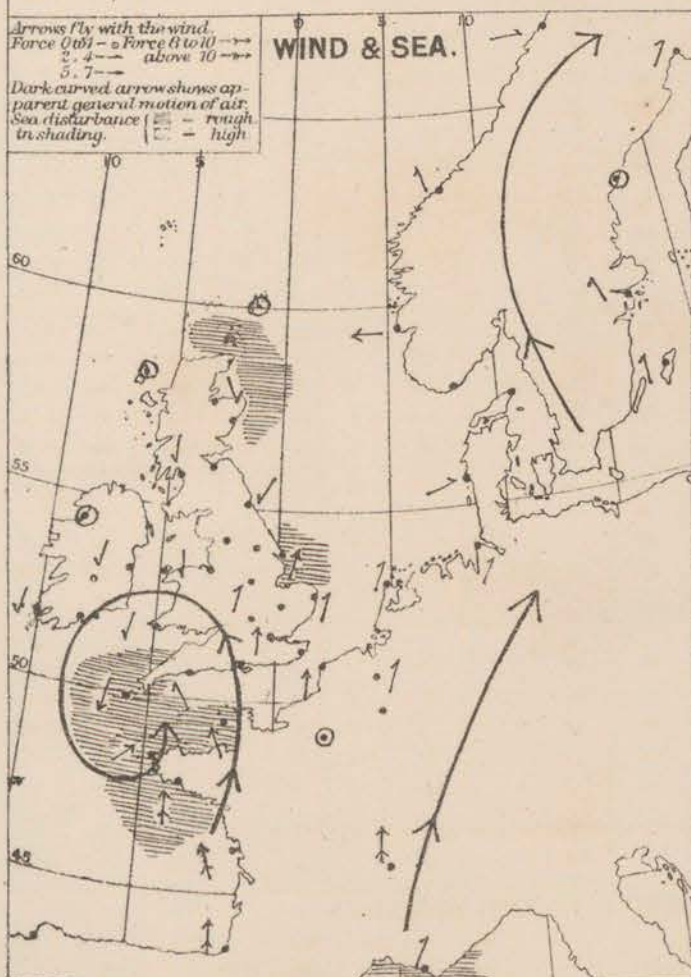
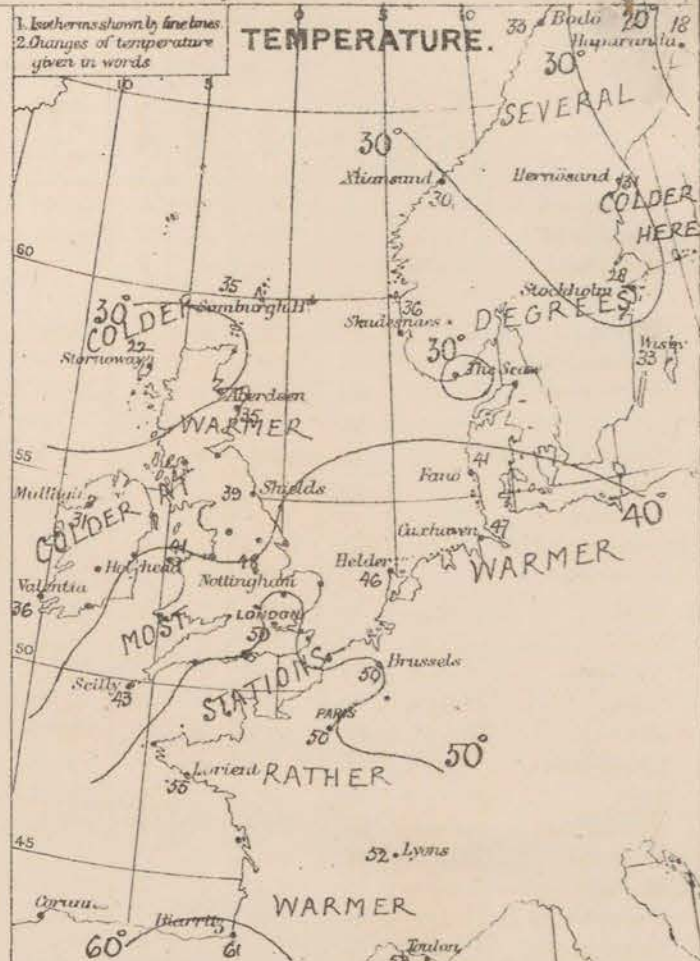
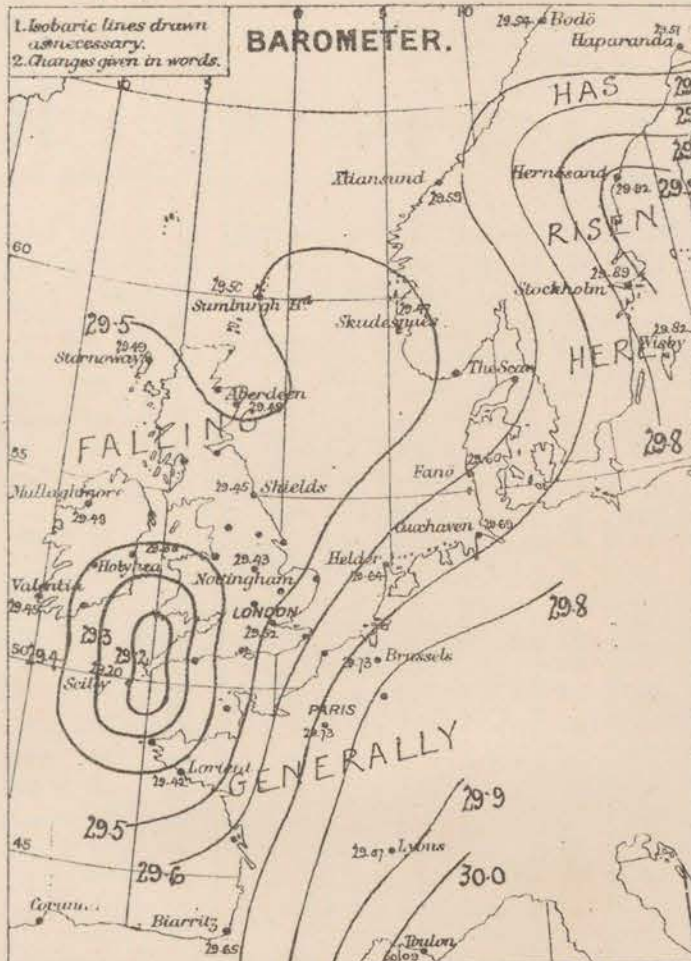
* AN ASTERISK is inserted in all places for which information is not usually received.

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

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS for 8 a.m. on Wednesday 29th Dec: 1880.



REMARKS. A considerable decrease of pressure has occurred on our SW. coast, and a small but well marked depression lies over the British Channel and the mouth of the English Channel. It has occasioned a brisk fall of the barometer in those districts, and in all parts of W. Europe except the N. of Scandinavia the mercury is falling. The highest readings are reported from the S. of France. The wind is S. over France, and the S. and E. of England, but on our N. and W. coasts it is N. It is moderate in force in most places, but blows fresh or strongly at some S. ports, and reaches a gale in the W. of France. The weather remains fine on the extreme SE. coast of England, and the N. of Scotland, but is cloudy, dull and unsettled elsewhere, with rain over the British and NE. parts of E. France, and at Biscay and Havre Point. Rain has fallen except in Scotland N. Temperature has risen over Scandinavia. The E. of Scotland, and over France, fallen in most other places, the change in N. Scotland being considerable, and sharp frost prevailing there. Readings range from 50° in the S. of England to 21° at Wick. At Wick the minimum was 11° and at Stromness 19°. The sea is rough in the SW. and NE.

Subscription for these Charts payable in ad- vance to cover delivery.	Delivery by hand 10/- per quarter. " " book post 5/- " "
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Meteorological Office:
116, Victoria Street, Westminster, S. W.

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

30th Dec.

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.78	-8	N	2	6	29.87	+36	3	3	-15	N	2	0	*	19	-11	-		
Hernösand	29.69	13	N	2	5	29.54	-48	27	26	+24	NE	4	0	*	2	-7	0.12.		
Stockholm	29.56	33	W	2	0	?	?	33	33	+5	E	4	f	*	34	5	0.08		
Wisby	29.62	36	SW	2	2	29.55	-27	39	38	+6	SSE	2	0	*	?	18	0.20		
Bodö	29.58	30	E	2	0	29.55	+01	23	22	-10	NE	8	0	6	43	23	-		
Christiansund	29.45	24	ESE	1	6	29.04	-65	35	32	+5	ESE	1	0	2	?	18	-		
† Skudesnaes	29.22	36	E	4	2	28.81	-66	41	39	+5	ESE	8	2	5	?	?	-		
Oxö (Xisnaund)	29.43	28	NE	6	8	28.95	-58	40	40	+12	SSE	6	0	4	?	27	1.34		
Skagen (The Skaw)	29.46	38	SSW	4	f	29.16	-38	40	40	+4	SSE	6	2	6	40	30	0.28		
Fanö	29.26	43	S	6	2	29.22	-38	42	40	+1	WSW	6	0	*	45	39	0.08		
Cuxhaven	29.62	47	S	4	0	29.38	-31	44	43	-3	WSW	5	6	*	48	43	-		
† Sumburgh Head	29.38	34	NNE	2	6	29.06	-24	35	34	0	NNE	6	2	5	38	31	0.01		
† Stornoway	29.36	22	2	0	6	29.32	-17	30	30	+8	NNE	4	0	3	30	20	-		
Wick	29.47	22	NW	1	0	29.16	-35	37	36	+16	N	6	0	5	37	18	0.16		
Nairn	29.31	29	2	0	5	29.21	-30	36	35	+6	NW	3	0	2	36	28	0.05		
† Aberdeen	29.26	33	NNW	2	Om	29.10	-39	36	34	+1	NNW	4	2	6	37	32	0.43		
Leith	29.32	36	E	5	2	29.23	-17	36	33	-1	NW	2	0	*	37	33	0.12		
† Shields	29.05	38	ESE	5	2	29.25	-20	35	34	-4	NW	4	0	5	40	33	0.81		
Spurn Head	28.98	46	SSW	5	2	29.29	-13	37	35	-9	SW	5	6	4	47	35	0.20		
York	28.97	45	S	1	2	29.33	-09	34	34	-1	W	1	6	*	45	33	0.82		
Nottingham	28.95	49	SSE	4	0	29.37	-06	33	32	-15	SSW	1	0	*	49	31	0.45		
† Ardrossan	29.23	36	N	2	0	29.30	-18	36	33	+1	NNW	2	0	1	36	34	-		
† Mullaghmore	29.32	35	NW	1	6	29.38	-10	34	32	+3	WSW	3	0	2	38	30	0.01		
Donaghadee	29.20	40	NE	7	0	29.34	-10	34	33	-6	NW	4	6	2	41	32	-		
Parsonstown	29.34	32	N	1	6	29.46	-01	22	?	-10	2	0	0	*	34	21	-		
Barrow-in-Furness	28.99	35	NE	4	2	29.29	-14	37	35	0	NW	3	0	4	38	33	1.09		
† Holyhead	29.06	40	NW	6	2	29.35	-03	39	37	-2	NW	3	0	3	42	37	0.52		
Liverpool (Bidston)	28.91	38	NW	4	2	29.33	-06	36	35	-3	W	2	0	2	40	35	0.78		
† Valentia	29.36	37	ESE	1	6	29.44	-01	39	37	+3	W	6	2	5	47	33	0.31		
Roche's Point	29.36	35	NNW	4	6	29.42	+03	34	33	-4	NNE	4	0	4	41	32	0.22		
Pembroke	29.14	40	NNW	6	2	29.32	+12	36	35	-8	NE	3	0	2	45	34	1.12		
† Scilly	29.34	44	NW	9	0	29.47	+27	46	42	+3	WNW	6	0	6	48	42	0.38		
Prawle Point	29.20	42	WNW	4	0	29.34	-02	41	40	-9	SW	4	0	6	52	39	0.29		
Hurst Castle	29.10	51	SW	7	2	29.37	-10	44	43	-6	WSW	7	2	5	51	42	0.73		
† Dover	29.22	50	SW	5	pbg	29.45	-15	46	46	-3	WSW	6	pbg	4	51	39	0.17		
† London	29.14	50	S	5	2pd	29.40	-12	36	35	-14	2	0	0	*	52	35	0.43		
Oxford	29.07	42	SW	7	0	29.40	-05	34	34	-16	SSE	1	f	*	51	34	0.38		
Cambridge	28.99	49	S	3	2	29.41	-08	38	35	-12	WSW	1	0	*	51	36	0.13		
† Yarmouth	29.17	47	S	5	2q	29.40	-15	38	37	-8	SW	3	0	3	47	36	0.08		
The Holder	29.28	49	S	3	2	29.38	-26	43	40	-3	SW	5	0	4	50	43	0.08		
Cape Gris Nez	29.28	50	S	8	6	29.50	-15	45	42	-4	SSW	7	0	5	54	39	0.16		
† Jersey	29.22	51	SSW	5	0p	29.48	+01	45	43	-5	SW	6	0	6	53	43	0.10		
Brest																			
Lorient	29.22	49	WNW	8	2	29.53	+11	45	41	-10	W	8	2	5	55	41	0.32		
† Rochefort	29.57	54	W	9	2	29.77	+16	48	47	-5	W	9	2	4	57	45	0.12		
Biarritz																			
Corunna	*	*	*	*	*										*	*	*		
Brussels	*	*	*	*	*	29.60	-13	42	40	-8	SW	7	6	*	54	42	0.04		
Charleville	29.56	53	S	4	0	29.69	-14	39	39	-10	S	3	6	*	59	?	-		
Paris	29.49	52	SSE	3	6	29.72	-01	41	40	-9	SE	1	6	*	?	47	0.04		
Lyons	29.70	58	S	0	0	29.85	-02	48	46	-4	SSW	1	0	*	?	47	0.08		
Toulon	29.05	53	S	5	0	29.96	-13	53	53	0	SW	4	0	*	55	52	-		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,125 ft.) above M.S.L.

Hawes Junction	29.49	32	E	6	S	28.02	-14	29	29	-4	SSE	3	0	*	34	28	0.26
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.43	33	33	E	6	S	4	Valentia	29.42	42	39	SE	?	bcw	1
Sumburgh Head	29.48	33	32	NNE	1	bc	3	Scilly	29.17	47	46	NNW	7	0	6
Stornoway	29.45	28	28	2	0	b	0	Dover	29.43	50	49	S	4	c	3
Aberdeen	29.42	34	33	NNW	1	c	5	London	29.29	52	50	SE	4	0	*
Shields	29.33	40	39	ESE	1	2	3	Yarmouth	29.42	46	45	S	3	bc	3
Ardrossan	29.38	36	35	NE	2	0	1	Jersey	29.31	51	51	S	6	cgr	5
Mullaghmore	29.41	36	35	2	0	cm	0	Rochefort	29.59	55	52	SW	9	0	5
Holyhead	29.22	41	40	NE	3	d	3								

Pressure is decreasing everywhere and the depression is travelling slowly E. The weather is fine and rather cold in the N; dull, mild, and rainy in the S.

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 (base); 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, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

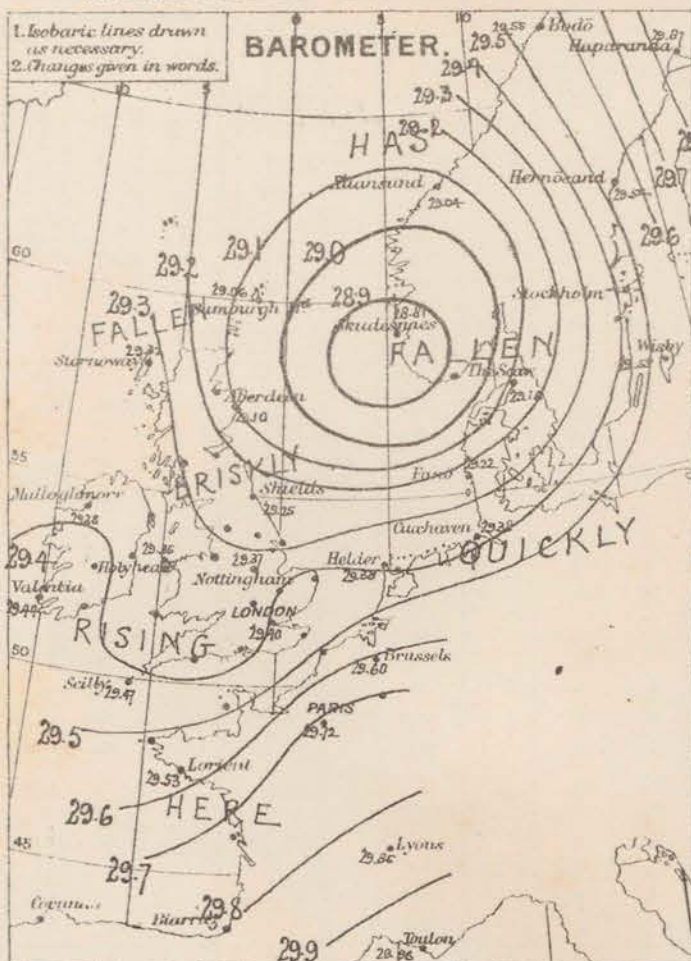
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

§ 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 30th DEC: 1880.

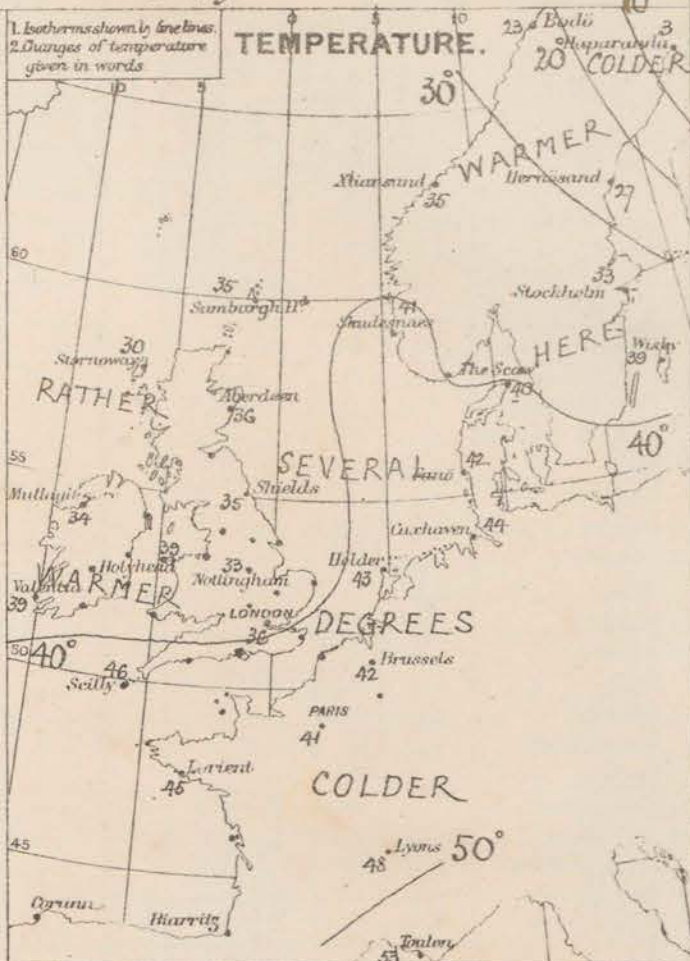
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



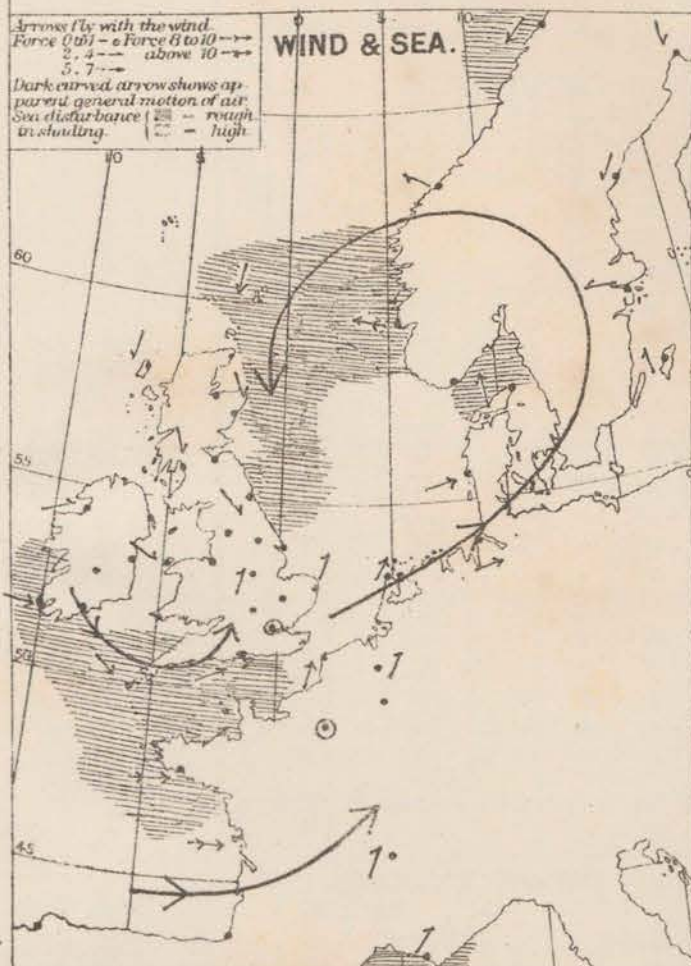
1. Isotherms shown by lines.
2. Changes of temperature given in words.

TEMPERATURE.



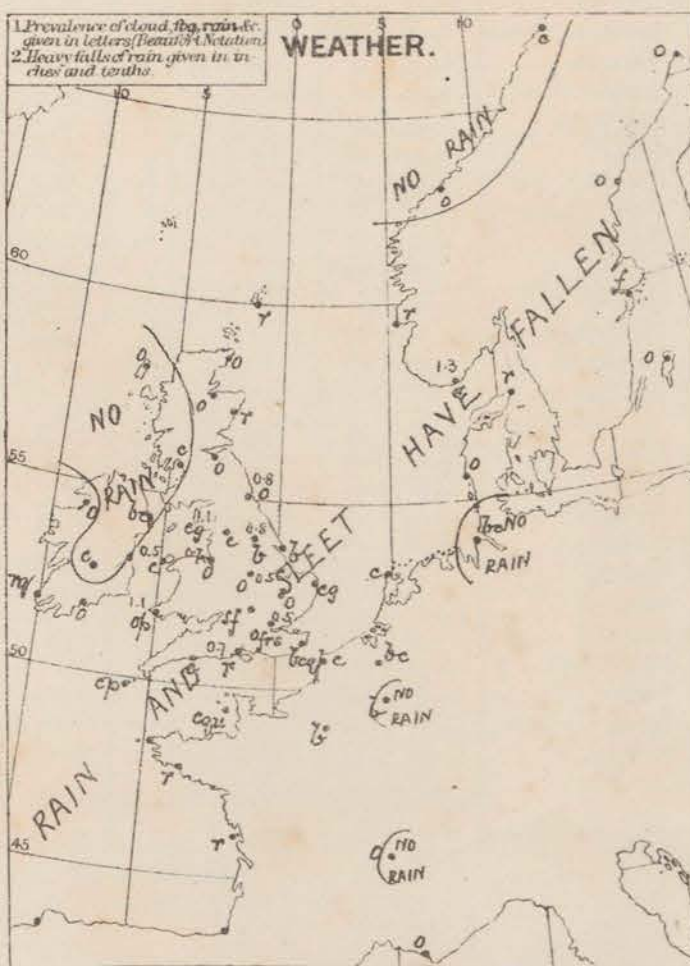
Arrows fly with the wind.
Force 0 to 10 — Force 11 to 19 — Force 20 and above 10 —
Dark curved arrow shows apparent general motion of air.
Sea disturbance — rough in shoaling.

WIND & SEA.



1. Prevailance of cloud, fog, rain, &c. given in letters (Roman & Italic).
2. Heavy fall of rain given in inches and tenths.

WEATHER.



REMARKS. The depression noticed in the SW yesterday morning, has since travelled NE^o, and at the same time grown very much deeper, so that at Shetland, near which station the centre is now shown, the barometer is as low as 28.8 in. Over S. England a shallow subsidiary depression is shown, and the wind in that neighbourhood is light, and rather variable, but elsewhere it is fresh to strong and circulates round the depression, — over these islands it is N^o to W^o, over France W^o, and N. Germany and Denmark SW^o, and in the S. of Scandinavia SE^o and E^o. Temperature has risen in Scotland, at most of the Scandinavian stations, and on our extreme NW. coasts, but elsewhere it has fallen several degrees; reading range at present from 22° at Scilly to 22° at Paris, and 33° at Birmingham. The weather is fine in the SE, as well as at York and Donaghadee, but elsewhere the sky is cloudy or overcast with rain or sleet in several places. Heavy rain and snow have fallen in the W. and N. The sea is rough in the S. and NE.

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book post 6/-

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 31st DEC^r 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.76	-1	NE	2	b	29.55	-32	18	18	+15	SE	4	0	*	19	-6	0.08		
Hernösand	29.28	31	N	2	s	29.28	-26	34	32	+7	SE	4	0	*	?	10	0.35		
Stockholm	29.43	36	SW	4	o	29.33	?	36	34	+3	SSW	6	0	*	37	32	0.08		
Wisby	29.51	37	SSW	4	o	29.45	-10	37	36	-2	SSW	4	b	*	41	30	-		
Bodo	29.46	21	NE	8	s	29.12	-43	23	21	0	NE	8	c	6	23	19	-		
Christiansund	28.94	33	SW	4	s	29.13	+09	33	31	-2	WSW	7	c	5	?	25	-		
† Skudesnaes	29.01	39	WNW	9	c	29.57	+70	33	32	-8	NW	8	chg	5	41	?	-		
Oxö (Xiänsund)	? 28.79	39	SSW	9	r	29.45	+30	33	31	-7	W	4	b	3	41	32	0.16		
Skagen (The Skaw)	29.10	39	WSW	9	b	29.40	+24	36	33	-4	WNW	8	b	7	39	30	0.07		
Fanö	29.43	40	W	4	c	29.67	+45	36	34	-6	NW	4	b	*	?	36	0.07		
Cuxhaven	29.57	41	S	3	o	29.70	+32	39	38	-5	NNW	2	bc	*	?	37	0.16		
† Sumburgh Head	29.32	32	N	7	s	29.64	+58	33	29	-2	NNW	6	bc	6	36	27	0.02		
† Stornoway	29.59	33	N	4	o	29.91	+59	34	34	+4	N	4	o	5	36	27	0.13		
Wick	29.20	32	N	6	s	29.21	+65	31	31	-6	N	4	o	4	37	25	0.22		
Nairn																			
† Aberdeen	29.50	34	NNW	4	b	29.87	+77	31	30	-5	W	4	c	3	37	26	0.07		
Leith	29.61	36	W	1	o	29.99	+76	31	29	-5	W	1	bc	*	37	28	-		
† Shields	29.51	35	NW	2	o	30.02	+77	28	28	-7	NW	3	b	2	39	28	-		
Spurn Head	29.47	37	NNW	5	c	29.96	+67	34	34	-3	NNW	5	s	6	39	34	0.07		
York	29.52	34	NNW	1	s	30.05	+72	30	29	-4	N	1	b	*	40	30	0.07		
Nottingham	29.57	38	SW	1	b	30.00	+69	32	32	-1	NNW	1	c	*	37	31	0.05		
† Ardrossan	29.59	37	L	0	b	30.05	+75	28	27	-8	SE	1	bc	1	40	22	0.10		
† Mullaghmore	29.65	38	NNW	6	o	30.15	+77	40	37	+6	NW	5	chg	5	40	33	0.11		
Donaghadee	29.60	38	NW	6	o	30.10	+76	33	32	-1	WSW	3	b	1	40	32	0.03		
Parsonstown	29.71	27	L	0	bc	30.28	+82	27	27	+5	SW	1	b	*	34	21	-		
Barrow-in-Furness	29.55	36	NNW	2	bc	30.09	+80	32	31	-5	NNE	3	b	4	40	29	0.18		
† Holyhead	29.59	42	NNW	4	c	30.13	+78	41	37	+2	NNW	6	c	5	43	36	0.10		
Liverpool (Bidston)	29.57	35	NNE	1	bc	30.11	+78	34	32	-2	NNW	2	b	1	40	32	-		
† Valentia	29.76	43	NNW	6	ogrg	30.34	+90	42	38	+3	NNW	4	c	4	46	37	0.18		
Roche's Point	29.64	36	NNW	4	c	30.29	+87	35	33	+1	N	3	b	4	40	32	-		
Pembroke	29.58	39	N	2	b	30.11	+79	39	37	+3	NNW	5	bcg	2	41	35	0.01		
† Scilly	29.64	42	NNE	5	o	30.20	+73	44	40	-2	N	9	cp	7	46	40	0.11		
Prawle Point	29.61	35	NW	2	bc	30.11	+77	36	35	-5	NW	3	c	4	44	33	0.01		
Hurst Castle	29.56	35	NE	2	b	30.03	+66	34	34	-10	N	2	bc	3	44	33	0.02		
† Dover	29.42	38	NW	3	bc	29.91	+46	36	35	-10	N	4	bc	2	46	34	0.37		
† London	29.54	34	W	1	o	30.03	+63	32	31	-4	NW	2	g	*	41	30	0.06		
Oxford	29.62	34	W	1	b	30.03	+63	35	33	+1	NNW	1	o	*	38	33	0.09		
Cambridge	29.57	34	WNW	1	bc	29.99	+58	32	32	-6	NNW	1	o	*	39	30	0.28		
† Yarmouth	29.48	35	W	2	bcg	29.92	+52	37	35	-1	NNW	2	bcg	4	39	33	0.18		
The Helder																			
Cape Gris Nez	29.50	40	W	5	r	29.89	+39	39	38	-6	NNW	7	o	5	54	37	0.17		
† Jersey	29.58	43	NW	3	cg	30.09	+61	42	40	-2	N	3	c	3	46	39	0.18		
Brest	29.73	44	NW	7	o	30.10	+57	41	38	-6	N	4	r	4	54	37	0.67		
Lorient	29.69	44	NW	9	c	30.07	+54	43	40	-2	NW	5	bc	5	46	41	0.28		
† Rochefort	29.80	48	W	11	c	30.07	+30	43	41	-5	NNE	4	b	2	55	37	0.24		
Biarritz	30.07	50	NW	9	r	30.19		48	45		NNW	9	r	6	55	41	0.32		
Corunna	*	*	*	*	*			*							*	*	*		
Brussels	*	*	*	*	*	29.83	+23	38	37	-4	WSW	3	o	*	46	36	0.16		
Charleville	29.64	42	SSW	5	o	?	?	37	35	-2	S	4	o	*	55	?	0.32		
Paris	29.84	44	?	1	o	29.97	+25	39	37	-2	SW	1	o	*	*	*	0.08		
Lyons	29.91	46	W	3	o	30.03	+18	41	36	-5	SW	3	bc	*	54	38	-		
Toulon	29.99	49	W	4	b	30.08	+12	41	37	-12	NW	7	b	7	52	29	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.28	29	NNW	3	o	28.77	+75	24	24	-5	NNW	4	bc	*	30	21	-		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.28	29	NNW	3	o	28.77	+75	24	24	-5	NNW	4	bc	*	30	21	-
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...							Valentia ...	29.24	44	40	WNNW	5	cgp	5
Sumburgh Head	29.16	35	38	N	6	6	Scilly ...	29.48	45	42	NW	6	og	6
Stornoway ...	29.44	34	34	N	4	c	Dover ...	29.40	44	40	W	5	bcgp	5
Aberdeen ...	29.30	37	36	NNW	4	om	London ...	29.41	38	37	W	1	og	*
Shields ...	29.35	39	38	NW	2	o	Yarmouth ...	29.40	35	34	WNNW	1	cgf	2
Ardrossan ...	29.42	39	38	NW	2	c	Jersey ...	29.47	46	43	SW	7	cgr	6
Mullaghmore ...	29.50	36	34	SW	2	o	Rochefort ...	29.78	50	48	W	12	c	8
Holyhead ...	29.43	41	37	NNW	4	bcph								

Pressure is increasing in nearly all places and N^W to W^W winds prevail with rather cold weather and some showers of hail or sleet in the S. Temperatures range from 46° at Jersey to 35° at Yarmouth and in the Shetlands.

EXPLANATION OF COLUMNS.

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

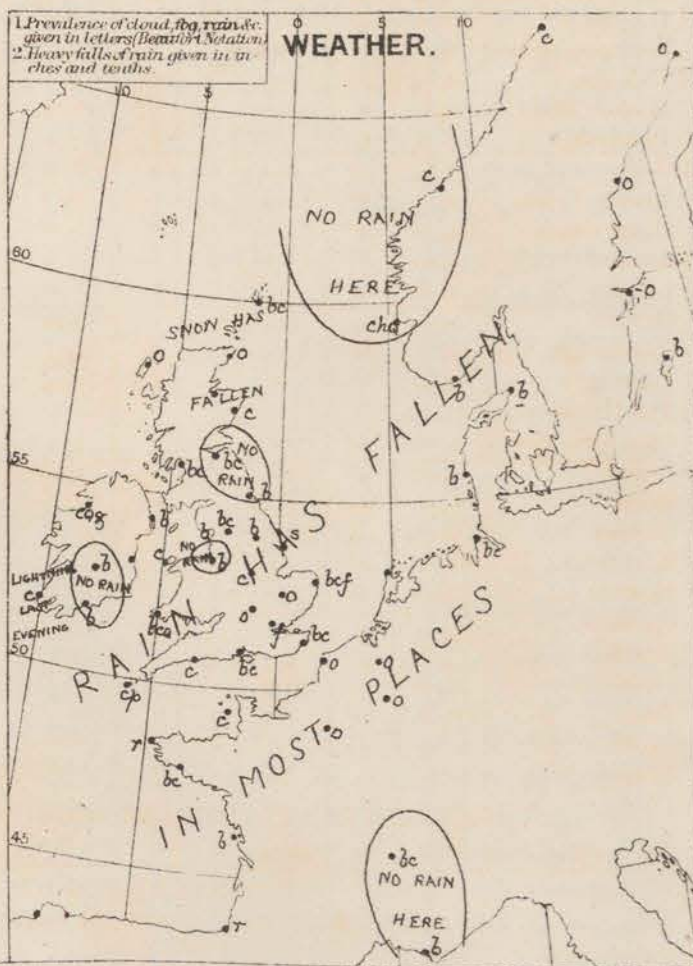
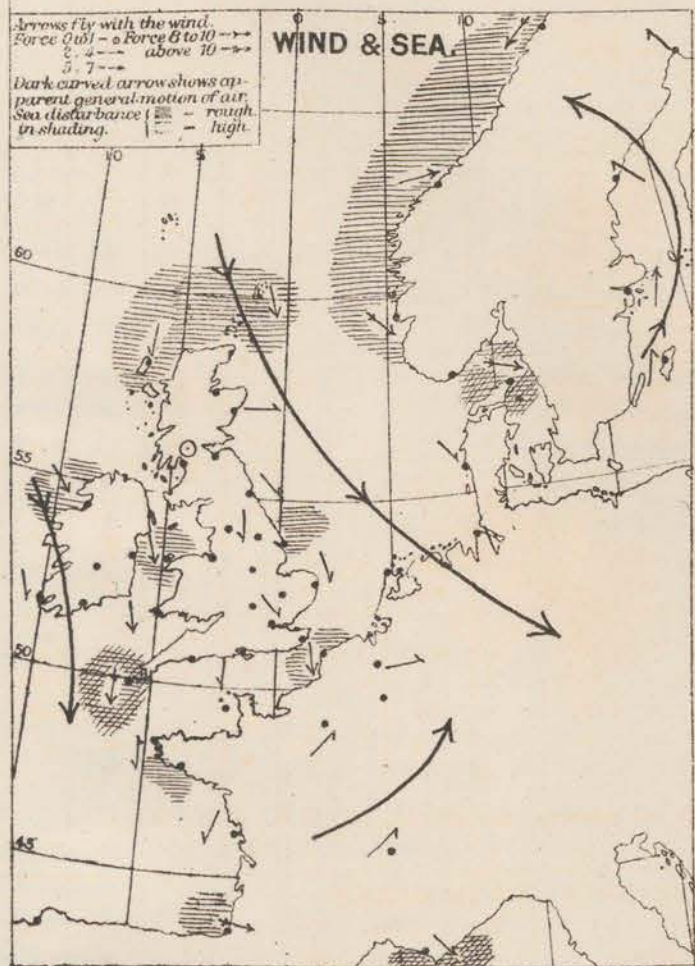
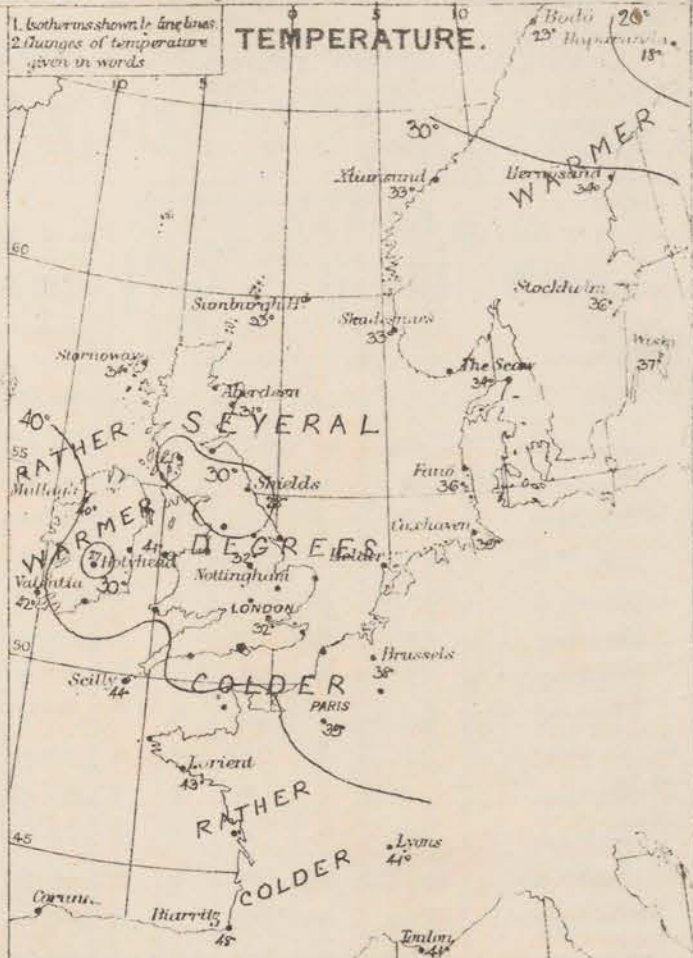
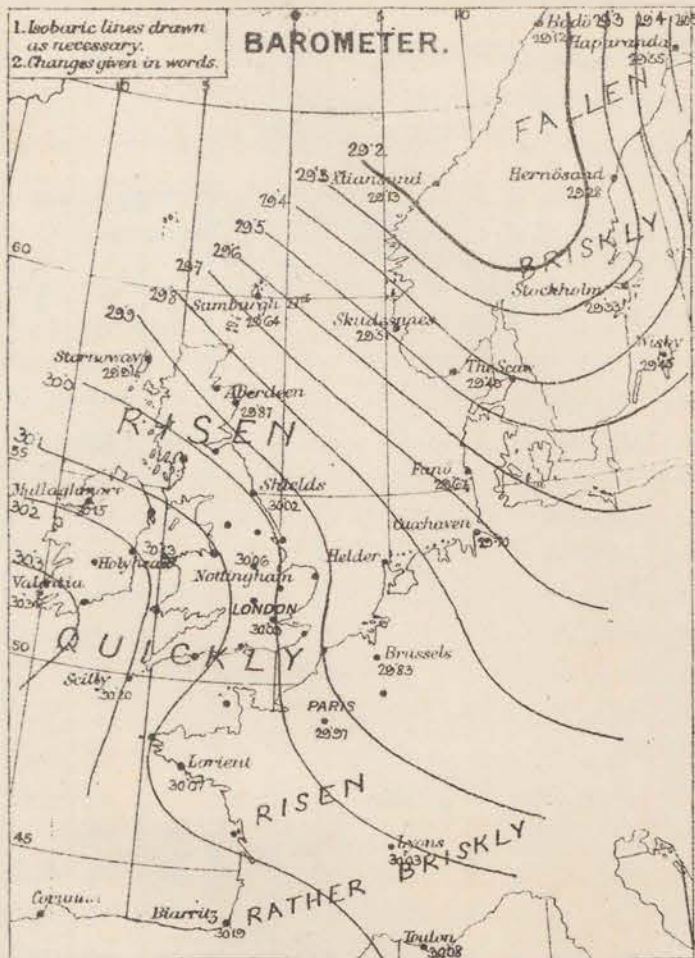
* AN ASTERISK is inserted in all places for which information is not usually received.

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

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS for 8 a.m. on Friday 31ST DECEMBER 1880.



REMARKS. The depression which yesterday lay near Scandinavia has during the night passed on NE^W over the central part of Scandinavia, while the area of low pressure over Southern England has travelled E^N over North Germany. A very brisk recovery of the barometer has occurred in the rear of these disturbances, the change over a large part of the British Isles exceeding three quarters of an inch. A large area of high pressure has been formed off our south west coasts, and the mercury is still rising there. The wind has shifted to N and NW on all our coasts and over the north of France and the North Sea, but in the south of Scandinavia the wind draws into W, and over Sweden into S and SE; it is fresh in force except in the north, and blows a gale at Lillhy. Temperature has fallen except in the west, and readings range from 46° at Lillhy to 25° at Shields and 27° at Parsonstown. Slight frost was experienced over Scotland, eastern England, and Central Ireland last night. The weather, though rather cloudy is moderately fine over a large part of Western Europe, but at Spion 42, snow is falling, at several south eastern stations fog forms, and at Lillhy showers of rain are reported. Rain has fallen generally. Sea is rough at some western and northern ports.

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

R. H. SCOTT.
Secretary.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR DEC^R 1880.

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

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.		
				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.			
1 st	Tanö	30.18	45	W	6	0	30.02	-.24	45	44	0	W	4	0	*	46	43	-		
"	The Helder	30.34	40	SSW	4	0	30.20	-.21	46	45	+1	SW	4	0	2	46	39	-		
"	Corunna	*	*	*	*	*	30.15	-.16	?	*	?	SE	?	6	5	*	*	*		
2 nd	Corunna	*	*	*	*	*	30.29	+.14	41	*	?	SE	1	0	1	*	*	*		
3 rd	The Helder	30.24	45	WNW	2	6	30.31	+.23	44	42	-2	WNW	1	60	1	48	?	-		
"	Biarritz	30.26	54	E	4	6	30.32	+.06	37	35	-14	ESE	3	f	4	61	34	-		
"	Corunna	*	*	*	*	*	30.32	+.03	42	*	+1	?	?	6	1	*	*	*		
4 th	Corunna	*	*	*	*	*	30.41	+.09	41	*	-1	?	1	6	2	*	*	*		
"	Brussels	*	*	*	*	*	30.41	.00	46	46	+13	WSW	3	2	*	47	?	0.08		
6 th	Corunna	*	*	*	*	*	30.44	-.07	37	*	-2	S	1	6	1	*	*	*		
8 th	Corunna	*	*	*	*	*	30.48	+.08	?	*	?	SE	1	6	1	*	*	*		
9 th	Corunna	*	*	*	*	*	30.68	+.20	40	*	+2	SW	?	6	1	*	*	*		
10 th	Tanö	29.85	41	NW	6	6	29.82	-.05	42	41	-3	WSW	4	0	*	46	39	0.04		
"	Sumburgh Hd.	29.94	40	N	2	0	29.50	-.17	42	41	-3	NW	9	2	6	45	37	0.19		
"	Stornoway	29.06	49	N	5	0	29.95	+.17	45	43	-2	NW	7	69	6	49	43	0.20		
"	Cape Gris Neg.	30.39	50	WNW	5	6c	30.32	-.10	50	49	+1	W	5	c	4	52	46	-		
"	Biarritz	30.70	51	E NE	4	0	30.65	-.02	?	47	?	S	4	0	2	2	43	-		
"	Corunna	*	*	*	*	*	30.65	-.03	39	*	-1	SE	1	6	1	*	*	*		
"	Loulon	30.14	53	NW	9	6	29.98	-.42	51	44	+1	NW	9	60	7	59	48	-		
"	Sumburgh Hd. 2pm ..	-	-	-	-	-	29.39	?	43	41	-	NW	10	2	8	-	-	-		
11 th	Oss	29.23	41	WNW	6	0	29.54	-.15	40	35	+4	WNW	6	6	3	43	?	0.08		
"	Sumburgh Hd.	29.54	41	NW	1	6	29.69	+.19	44	42	+2	WSW	5	2	6	44	39	0.16		
"	Sumburgh Hd. 2pm ..	-	-	-	-	-	29.28	-	46	42	-	W	7	c	6	*	*	*		
12 th	Sumburgh Head	29.23	41	WNW	8	6	29.08	-.61	39	37	-5	WNW	9	c	8	46	36	0.50		
"	Nain	29.63	40	W	4	0	29.70	-.24	41	39	-4	NW	8	c	4	50	38	0.23		
13 th	Sumburgh Hd.	29.64	38	NNW	7	c	29.41	+.33	37	34	-2	NW	7	s	7	43	32	0.24		
"	Corunna	*	*	*	*	*	30.46	+.01	46	*	+3	SW	1	6	5	*	*	*		
"	Sumburgh Hd. 2pm ..	-	-	-	-	-	29.41	-	30	29	-	NW	8	8	7	-	-	-		
14 th	Sumburgh Hd.	29.40	27	NW	8	8	29.47	+.06	25	22	-12	N	8	6	6	38	21	0.03		
"	Corunna	*	*	*	*	*	30.42	-.04	50	*	+4	S	1	6	5	*	*	*		
"	Sumburgh Hd. 2pm ..	-	-	-	-	-	29.75	-	28	25	-	N	4	6	4	-	-	-		
"	Stornoway 2pm	-	-	-	-	-	29.88	-	37	35	-	NW	2	6c	2	-	-	-		
15 th	Dodo	29.41	19	E	2	6c	29.36	-.07	?	31	?	S	4	0	4	32	18	-		
"	Christiansund	29.58	31	SW	4	s	29.39	+.10	31	30	-1	S	4	c	4	32	16	0.20		
"	Sumburgh Hd.	29.80	36	NNW	3	c	29.65	+.18	33	31	+8	NNE	4	0	4	36	25	-		
"	Stornoway	29.90	32	L	0	m	29.50	-.31	34	34	-1	E	4	6	4	38	30	0.15		
"	Sumburgh Hd. 2pm ..	-	-	-	-	-	29.59	-	31	31	-	NE	4	0	4	-	-	-		
"	Stornoway 2pm	-	-	-	-	-	29.44	-	35	35	-	E	4	s	4	-	-	-		
16 th	Sumburgh Head	29.53	30	NE	4	0	29.69	+.04	29	27	-4	NNE	4	6	5	33	28	0.03		
"	Stornoway	29.46	36	E NE	7	0	29.78	+.28	34	34	0	NNE	6	s	6	37	29	0.04		
"	Corunna	-	-	-	-	-	30.00	-.26	52	*	+7	SW	1	op	1	*	*	*		
"	Sumburgh Hd. 2pm ..	-	-	-	-	-	29.75	-	32	30	-	NNE	4	c	4	-	-	-		
"	Stornoway 2pm	-	-	-	-	-	29.86	-	32	31	-	NE	3	c	4	-	-	-		
17 th	Sumburgh Head	29.71	30	NW	3	c	29.73	+.04	27	24	-2	NNE	5	0	5	37	24	0.02		
"	Stornoway	29.87	32	NNW	3	6	29.86	+.08	28	26	-6	NNW	1	6	1	34	25	-		
"	Sumburgh Hd. 2pm ..	-	-	-	-	-	29.78	-	27	24	-	N	5	c	5	-	-	-		
"	Stornoway 2pm	-	-	-	-	-	29.80	-	32	32	-	E	1	c	1	-	-	-		
18 th	Sumburgh Hd.	29.79	23	NNE	3	6	29.44	-.29	35	35	+8	SSE	7	0	7	35	21	0.08		
"	Stornoway	29.64	37	SSE	5	c	29.04	-.82	37	36	+9	SSE	8	c	7	37	28	-		
"	Pendroke	29.74	35	NE	3	6	29.43	-.32	46	46	+11	SW	6	md	6	46	31	0.02		
"	Corunna	*	*	*	*	*	30.05	+.20	45	*	-5	S	1	0	3	*	*	*		

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.	
				Dirac.	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.	Dirac.	Force. (0 to 12).			Max.	Min.		
18 th	Lumburgh Hd 2pm	-	-	-	-	-	29.31	-	37	36	-	SSE	8	2	4	-	-	-	
-	Stornoway 2pm	-	-	-	-	-	28.84	-	41	39	-	SSE	4	0	4	-	-	-	
19 th	Lumburgh Hd.	29.16	38	SSE	8	0	28.85	- .69	37	36	+ 2	ESE	4	0	4	38	52	0.35	
-	Stornoway	28.73	38	SE	7	0	28.69	- .35	35	36	- 2	SW	6	2	5	41	34	0.21	
20 th	Lumburgh Hd.	28.88	39	E	6	0	29.21	+ .36	35	33	- 2	N	5	0	5	39	33	0.06	
-	Stornoway	29.00	39	NNW	5	0	29.31	+ .62	34	34	- 1	L	0	0	3	39	30	0.03	
-	Corunna	*	*	*	*	*	30.00	- .12	54	*	+ 8	SW	4	0	7	*	*	*	
-	Lumburgh Hd 2pm	-	-	-	-	-	29.36	-	36	33	-	N	5	0	5	-	-	-	
-	Stornoway 2pm	-	-	-	-	-	29.39	-	37	37	-	NE	4	0	3	-	-	-	
21 st	Stornoway	29.52	36	NE	4	0	29.85	+ .54	32	30	- 2	N	1	0	1	38	32	0.27	
-	Loulou	30.17	50	W	2	0	30.06	- .13	48	44	+ 3	NW	5	0	4	52	2	-	
-	Stornoway 2pm	-	-	-	-	-	29.93	-	33	32	-	N	1	0	1	-	-	-	
22 nd	Stornoway	29.97	29	L	0	0	29.79	- .06	35	35	+ 3	E	2	0	1	35	25	-	
-	Corunna	*	*	*	*	*	30.24	- .01	?	*	?	S	1	0	1	-	-	-	
23 rd	Vanø	29.75	31	SE	3	m	29.26	- .58	33	33	- 2	ESE	0	0	*	34	30	0.20	
24 th	Corunna	*	*	*	*	*	30.01	- .09	37	*	- 20	SW	2	0	5	*	*	*	
25 th	Stornoway	29.43	26	N	1	0	29.39	- .11	28	28	- 2	L	0	0	0	30	15	-	
-	Corunna	*	*	*	*	*	29.81	- .07	61	*	0	SW	2	0	5	*	*	*	
26 th	Stornoway	29.47	34	SW	2	0	29.59	+ .20	35	35	+ 7	N	1	0	1	35	25	0.06	
-	Biaritz	29.90	60	S	4	0	29.88	+ .02	59	50	- 1	S	5	0	3	64	50	-	
-	Corunna	*	*	*	*	*	29.82	+ .01	55	*	- 6	SW	2	0	4	*	*	*	
-	Loulou	29.97	55	NW	5	0	30.10	+ .15	50	50	- 3	E	5	0	2	63	50	-	
29 th	Corunna	*	*	*	*	*	29.53	- .29	54	*	- 1	SW	2	0	1	*	*	*	
30 th	Brest	29.44	46	NW	8	0	29.53	+ .17	47	46	- 7	WNW	8	0	8	54	43	0.04	
-	Corunna	*	*	*	*	*	30.00	+ .47	47	*	- 7	SW	2	0	5	*	*	*	
-	Skudsmas 2pm	-	-	-	-	-	28.75	-	41	29	-	ESE	4	0	5	-	-	-	
31 st	The Elder	29.48	39	NW	1	0	29.78	+ .46	41	38	- 3	NNE	3	0	3	43	39	0.04	
-	Corunna	*	*	*	*	*	30.30	+ .30	46	*	- 1	E	1	0	5	*	*	*	
R. CORRECTIONS																			
3 rd	Donaghadee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	
3 rd	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	0.02	
4 th	Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	
-	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08	
5 th	Hawes Junction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04	
6 th	Praule Point	-	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 th	Stockholm	-	-	-	-	-	29.90	- .43	-	-	-	-	-	-	-	-	-	-	
-	Widly	-	-	-	-	-	29.89	- .40	-	-	-	-	-	-	-	-	-	-	
8 th	Shields	-	-	-	-	-	30.37	-	-	-	-	-	-	-	-	-	-	-	
-	Cusham	230.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12 th	Praule Pt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	
13 th	Stornoway	-	-	-	-	-	-	-	39	-	- 1	L	-	-	-	39	-	-	
14 th	Stornoway	-	-	-	-	-	-	-	-	-	- 4	-	-	-	-	-	-	0.04	
-	Novi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15 th	Mullaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	
-	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.56	
20 th	Holyhead	-	-	-	-	-	-	-	-	-	+ 3	-	-	-	-	-	-	-	
21 st	Bombroki	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	
22 nd	Androssan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04	
24 th	Lumburgh Hd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.05	
-	Bombroki	-	-	-	-	-	-	-	47	-	- 4	-	-	-	-	46	-	-	
25 th	Juny	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08	
-	Rockfah	29.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
26 th	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
28 th	Wain	-	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
29 th	Loulou	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	-	